

# GOMOS Daily Report 23-JAN-2011

## Level 0 and Level 1 products

### SUMMARY

#### [1. General Info](#)

#### [2. Summary of products arrived in PCF \(Product Control Facility\)](#)

[2.1 Level 0: products arrived in PCF during current month \(see template here\)](#)

[2.2 Level 0: plot of mission plan versus production during reporting period](#)

[2.3 Level 0: summary of missing occultations with respect to the plan](#)

[2.4 Level 1: products arrived in PCF during reporting period](#)

#### [3. Plot of Spectrometers and Photometers temperatures](#)

#### [4. Dark Charge monitoring](#)

[4.1 Products that did not use the Dark Sky Area observation for DC computation](#)

[4.2 Plot of Dark Charge](#)

#### [5. Demodulation correction and quality product information monitoring](#)

[5.1 Percentage of products with some flags set](#)

[5.2 Plot of quality information per product \(time dependant\)](#)

[5.3 Plot of quality information per product \(world map\)](#)

#### [6. Star tangent altitude lost](#)

[6.1 Statistics on star tangent altitude lost](#)

[6.2 Plot of star tangent altitude lost: DARK products](#)

[6.3 Plot of star tangent altitude lost: BRIGHT products](#)

[6.3 Plot of star tangent altitude lost: TWILIGHT products](#)

#### [7. Star Acquisition and Tracking Unit \(SATU\)](#)

[7.1 SATU plots \(dark limb\): 'X' and 'Y' axis](#)

[7.2 SATU Noise Equivalent Angle statistics](#)

[7.2.1 SATU NEA Statistics \(table\)](#)

[7.2.2 Daily SATU NEA STD \(dark limb\) - trend since 1st April 2006](#)

[8. Auxiliary Data Files used for the production reported in section 2.4](#)

## [Level 2 products](#)

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This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM\_TRA\_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	26JAN2011 07:04:54
Data source version	GOMOS/5.01
Start time of products	23JAN2011 00:02:12
Stop time of products	23JAN2011 23:53:28
Store outputs in DB	Yes
Nb of level 1b prods	293
Nb of prods with errors	0

## 2. Summary of products arrived in PCF (Product Control Facility)

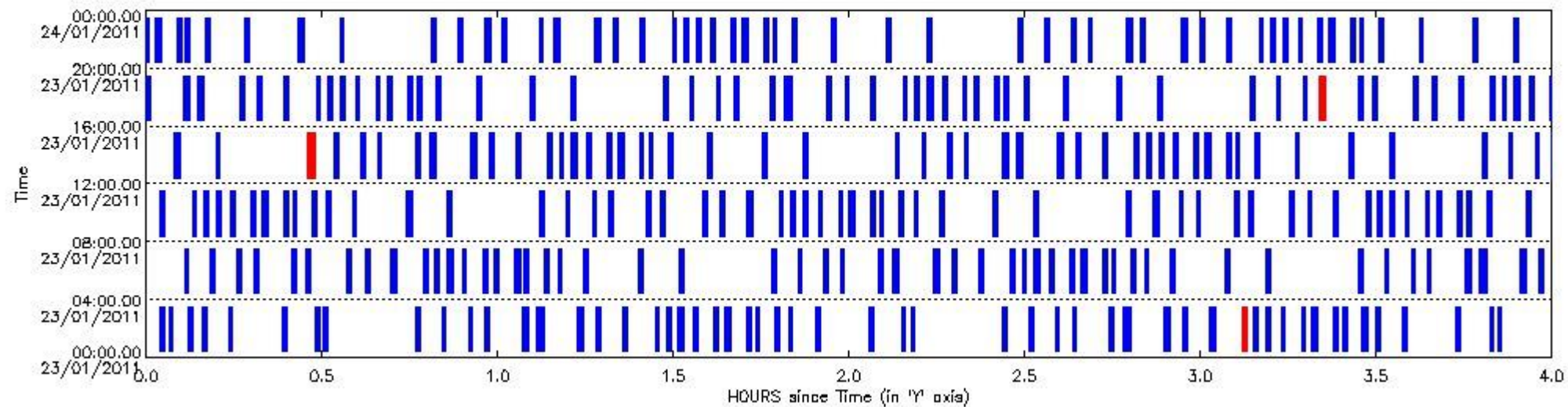
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 2.2 Plot of mission plan versus Level 0 production arrived in PCF during reporting period

Red segments are missing products.

Blue segments are available products.

Green segments are calibration measurements (not available products to users).



### 2.3 Summary of missing occultations (red segments in previous plot)

UTC start time	Star name	Star ID	Orbit
23-JAN-2011 03:07:01	GamLup	131	46526
23-JAN-2011 12:27:32	50AlpUMa	36	46532
23-JAN-2011 19:20:24	23BetDra	130	46536

### 2.4 Summary of processed GOM\_TRA\_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110123_000212_000000473098_00390_46525_5947.N1	23-JAN-2011 00:02:12	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46525	No
2	GOM_TRA_1PNPDE20110123_000349_000000403098_00390_46525_5948.N1	23-JAN-2011 00:03:49	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46525	No
3	GOM_TRA_1PNPDE20110123_000708_000000523098_00390_46525_5949.N1	23-JAN-2011 00:07:08	Dark	52.000	65	Lam Vel	2.2040	4400.0	104	46525	No
4	GOM_TRA_1PNPDE20110123_000930_000000433098_00390_46525_5950.N1	23-JAN-2011 00:09:30	Straylight	42.500	70	Zet Pup	2.2460	39000.	85	46525	No
5	GOM_TRA_1PNPDE20110123_001400_000000433098_00390_46525_5951.N1	23-JAN-2011 00:14:00	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46525	No
6	GOM_TRA_1PNPDE20110123_002312_000000423098_00390_46525_5952.N1	23-JAN-2011 00:23:12	Twilight_stray	41.500	8	10Alp CMi	0.40000	6500.0	83	46525	No
7	GOM_TRA_1PNPDE20110123_002850_000000483098_00390_46525_5953.N1	23-JAN-2011 00:28:50	Bright	47.500	170	27Eps Gem	3.0000	9700.0	95	46525	No
8	GOM_TRA_1PNPDE20110123_003016_000000453098_00390_46525_5954.N1	23-JAN-2011 00:30:16	Bright	45.000	17	78Bet Gem	1.1610	4500.0	90	46525	No

9	GOM_TRA_1PNPDE20110123_004602_000000443098_00390_46525_5955.N1	23-JAN-2011 00:46:02	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	46525	No
10	GOM_TRA_1PNPDE20110123_005031_000000363098_00390_46525_5956.N1	23-JAN-2011 00:50:31	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	46525	No
11	GOM_TRA_1PNPDE20110123_005501_000000393098_00390_46525_5957.N1	23-JAN-2011 00:55:01	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46525	No
12	GOM_TRA_1PNPDE20110123_005752_000000373098_00390_46525_5958.N1	23-JAN-2011 00:57:52	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	46525	No
13	GOM_TRA_1PNPDE20110123_010415_000000573098_00390_46525_5959.N1	23-JAN-2011 01:04:15	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	46525	No
14	GOM_TRA_1PNPDE20110123_010639_000000713098_00390_46525_5960.N1	23-JAN-2011 01:06:39	Bright	71.000	67	5Alp CrB	2.2210	11000.	142	46525	No
15	GOM_TRA_1PNPDE20110123_011338_000000553098_00390_46525_5961.N1	23-JAN-2011 01:13:38	Bright	55.000	102	24Alp Ser	2.6000	4250.0	110	46525	No
16	GOM_TRA_1PNPDE20110123_011650_000000453098_00390_46525_5962.N1	23-JAN-2011 01:16:50	Bright	45.000	98	13Zet Oph	2.5710	30000.	90	46525	No
17	GOM_TRA_1PNPDE20110123_012119_000000523098_00390_46525_5977.N1	23-JAN-2011 01:21:19	Twilight	51.500	16	21Alp Sco	1.0200	3000.0	103	46525	No
18	GOM_TRA_1PNPDE20110123_012649_000000413098_00390_46525_5978.N1	23-JAN-2011 01:26:49	Dark	41.000	131	Gam Lup	2.8000	26000.	82	46525	No
19	GOM_TRA_1PNPDE20110123_012848_000000443098_00390_46525_5979.N1	23-JAN-2011 01:28:48	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46525	No
20	GOM_TRA_1PNPDE20110123_013049_000000533098_00391_46526_5980.N1	23-JAN-2011 01:30:49	Dark	52.500	54	5The Cen	2.0550	4500.0	105	46526	No
21	GOM_TRA_1PNPDE20110123_013330_000000453098_00391_46526_5981.N1	23-JAN-2011 01:33:30	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46526	No
22	GOM_TRA_1PNPDE20110123_013657_000000443098_00391_46526_5982.N1	23-JAN-2011 01:36:57	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	46526	No
23	GOM_TRA_1PNPDE20110123_014227_000000473098_00391_46526_5983.N1	23-JAN-2011 01:42:27	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46526	No
24	GOM_TRA_1PNPDE20110123_014404_000000413098_00391_46526_5984.N1	23-JAN-2011 01:44:04	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46526	No
25	GOM_TRA_1PNPDE20110123_014722_000000493098_00391_46526_5985.N1	23-JAN-2011 01:47:22	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	46526	No
26	GOM_TRA_1PNPDE20110123_014944_000000393098_00391_46526_5986.N1	23-JAN-2011 01:49:44	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	46526	No
27	GOM_TRA_1PNPDE20110123_015414_000000463098_00391_46526_5987.N1	23-JAN-2011 01:54:14	Straylight	46.000	132	15Rho Pup	2.8030	6900.0	92	46526	No
28	GOM_TRA_1PNPDE20110123_020326_000000413098_00391_46526_5988.N1	23-JAN-2011 02:03:26	Tw_i_and_stray	41.000	8	10Alp CMi	0.40000	6500.0	82	46526	No
29	GOM_TRA_1PNPDE20110123_020904_000000363098_00391_46526_5989.N1	23-JAN-2011 02:09:04	Bright	35.500	170	27Eps Gem	3.0000	9700.0	71	46526	No
30	GOM_TRA_1PNPDE20110123_021029_000000443098_00391_46526_5990.N1	23-JAN-2011 02:10:29	Bright	44.000	17	78Bet Gem	1.1610	4500.0	88	46526	No
31	GOM_TRA_1PNPDE20110123_022615_000000483098_00391_46526_5991.N1	23-JAN-2011 02:26:15	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	46526	No
32	GOM_TRA_1PNPDE20110123_023045_000000403098_00391_46526_5992.N1	23-JAN-2011 02:30:45	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46526	No
33	GOM_TRA_1PNPDE20110123_023515_000000393098_00391_46526_5993.N1	23-JAN-2011 02:35:15	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46526	No
34	GOM_TRA_1PNPDE20110123_023806_000000373098_00391_46526_5994.N1	23-JAN-2011 02:38:06	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	46526	No
35	GOM_TRA_1PNPDE20110123_024429_000000383098_00391_46526_5995.N1	23-JAN-2011 02:44:29	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	46526	No
36	GOM_TRA_1PNPDE20110123_024653_000000723098_00391_46526_5996.N1	23-JAN-2011 02:46:53	Bright	72.000	67	5Alp CrB	2.2210	11000.	144	46526	No
37	GOM_TRA_1PNPDE20110123_025352_000000543098_00391_46526_5997.N1	23-JAN-2011 02:53:52	Bright	53.500	102	24Alp Ser	2.6000	4250.0	107	46526	No
38	GOM_TRA_1PNPDE20110123_025705_000000463098_00391_46526_5998.N1	23-JAN-2011 02:57:05	Bright	46.000	98	13Zet Oph	2.5710	30000.	92	46526	No
39	GOM_TRA_1PNPDE20110123_030134_000000563098_00391_46526_5999.N1	23-JAN-2011 03:01:34	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	46526	No
40	GOM_TRA_1PNPDE20110123_030903_000000433098_00391_46526_6000.N1	23-JAN-2011 03:09:03	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46526	No
41	GOM_TRA_1PNPDE20110123_031104_000000553098_00392_46527_6001.N1	23-JAN-2011 03:11:04	Dark	55.000	54	5The Cen	2.0550	4500.0	110	46527	No
42	GOM_TRA_1PNPDE20110123_031345_000000433098_00392_46527_6002.N1	23-JAN-2011 03:13:45	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46527	No
43	GOM_TRA_1PNPDE20110123_031712_000000433098_00392_46527_6003.N1	23-JAN-2011 03:17:12	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46527	No
44	GOM_TRA_1PNPDE20110123_032242_000000543098_00392_46527_6004.N1	23-JAN-2011 03:22:42	Dark	53.500	113	Mu Vel	2.6920	5000.0	107	46527	No
45	GOM_TRA_1PNPDE20110123_032418_000000403098_00392_46527_6005.N1	23-JAN-2011 03:24:18	Dark	40.000	91	Kap Vel	2.4900	26000.	80	46527	No
46	GOM_TRA_1PNPDE20110123_032737_000000503098_00392_46527_6006.N1	23-JAN-2011 03:27:37	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	46527	No
47	GOM_TRA_1PNPDE20110123_032959_000000433098_00392_46527_6007.N1	23-JAN-2011 03:29:59	Straylight	43.000	70	Zet Pup	2.2460	39000.	86	46527	No
48	GOM_TRA_1PNPDE20110123_033428_000000453098_00392_46527_6008.N1	23-JAN-2011 03:34:28	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	46527	No
49	GOM_TRA_1PNPDE20110123_034340_000000413098_00392_46527_6009.N1	23-JAN-2011 03:43:40	Tw_i_and_stray	40.500	8	10Alp CMi	0.40000	6500.0	81	46527	No
50	GOM_TRA_1PNPDE20110123_034921_000000363098_00392_46527_6010.N1	23-JAN-2011 03:49:21	Bright	36.000	170	27Eps Gem	3.0000	9700.0	72	46527	No
51	GOM_TRA_1PNPDE20110123_035043_000000453098_00392_46527_6011.N1	23-JAN-2011 03:50:43	Bright	45.000	17	78Bet Gem	1.1610	4500.0	90	46527	No
52	GOM_TRA_1PNPDE20110123_040629_000000473098_00392_46527_6012.N1	23-JAN-2011 04:06:29	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46527	No
53	GOM_TRA_1PNPDE20110123_041059_000000423098_00392_46527_6003.N1	23-JAN-2011 04:10:59	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46527	No
54	GOM_TRA_1PNPDE20110123_041530_000000403098_00392_46527_6004.N1	23-JAN-2011 04:15:30	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46527	No
55	GOM_TRA_1PNPDE20110123_041820_000000533098_00392_46527_6005.N1	23-JAN-2011 04:18:20	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	46527	No
56	GOM_TRA_1PNPDE20110123_042444_000000583098_00392_46527_6006.N1	23-JAN-2011 04:24:44	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46527	No
57	GOM_TRA_1PNPDE20110123_042707_000000513098_00392_46527_6007.N1	23-JAN-2011 04:27:07	Bright	50.500	67	5Alp CrB	2.2210	11000.	101	46527	No
58	GOM_TRA_1PNPDE20110123_043407_000000563098_00392_46527_6008.N1	23-JAN-2011 04:34:07	Bright	55.500	102	24Alp Ser	2.6000	4250.0	111	46527	No
59	GOM_TRA_1PNPDE20110123_043719_000000463098_00392_46527_6009.N1	23-JAN-2011 04:37:19	Bright	46.000	98	13Zet Oph	2.5710	30000.	92	46527	No
60	GOM_TRA_1PNPDE20110123_044148_000000523098_00392_46527_6010.N1	23-JAN-2011 04:41:48	Twilight	52.000	16	21Alp Sco	1.0200	3000.0	104	46527	No
61	GOM_TRA_1PNPDE20110123_044719_000000403098_00392_46527_6011.N1	23-JAN-2011 04:47:19	Dark	40.000	131	Gam Lup	2.8000	26000.	80	46527	No
62	GOM_TRA_1PNPDE20110123_044918_000000423098_00392_46527_6012.N1	23-JAN-2011 04:49:18	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46527	No
63	GOM_TRA_1PNPDE20110123_045119_000000633098_00393_46528_6013.N1	23-JAN-2011 04:51:19	Dark	63.000	54	5The Cen	2.0550	4500.0	126	46528	No
64	GOM_TRA_1PNPDE20110123_045400_000000413098_00393_46528_6014.N1	23-JAN-2011 04:54:00	Dark	41.000	10	Bet Cen	0.61000	28000.	82	46528	No
65	GOM_TRA_1PNPDE20110123_045726_000000453098_00393_46528_6015.N1	23-JAN-2011 04:57:26	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	46528	No
66	GOM_TRA_1PNPDE20110123_050256_000000533098_00393_46528_6016.N1	23-JAN-2011 05:02:56	Dark	52.500	113	Mu Vel	2.6920	5000.0	105	46528	No
67	GOM_TRA_1PNPDE20110123_050433_000000413098_00393_46528_6017.N1	23-JAN-2011 05:04:33	Dark	41.000	91	Kap Vel	2.4900	26000.	82	46528	No



68	GOM_TRA_1PNPDE20110123_050752_000000533098_00393_46528_6018.N1	23-JAN-2011 05:07:52	Dark	53.000	65	Lam Vel	2.2040	4400.0	106	46528	No
69	GOM_TRA_1PNPDE20110123_051013_000000403098_00393_46528_6019.N1	23-JAN-2011 05:10:13	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	46528	No
70	GOM_TRA_1PNPDE20110123_051443_000000443098_00393_46528_6020.N1	23-JAN-2011 05:14:43	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46528	No
71	GOM_TRA_1PNPDE20110123_052354_000000503098_00393_46528_6021.N1	23-JAN-2011 05:23:54	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	46528	No
72	GOM_TRA_1PNPDE20110123_053057_000000453098_00393_46528_6022.N1	23-JAN-2011 05:30:57	Bright	45.000	17	78Bet Gem	1.1610	4500.0	90	46528	No
73	GOM_TRA_1PNPDE20110123_054642_000000483098_00393_46528_6023.N1	23-JAN-2011 05:46:42	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	46528	No
74	GOM_TRA_1PNPDE20110123_055112_000000353098_00393_46528_6024.N1	23-JAN-2011 05:51:12	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	46528	No
75	GOM_TRA_1PNPDE20110123_055544_000000393098_00393_46528_6031.N1	23-JAN-2011 05:55:44	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46528	No
76	GOM_TRA_1PNPDE20110123_055834_000000343098_00393_46528_6032.N1	23-JAN-2011 05:58:34	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	46528	No
77	GOM_TRA_1PNPDE20110123_060458_000000583098_00393_46528_6033.N1	23-JAN-2011 06:04:58	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46528	No
78	GOM_TRA_1PNPDE20110123_060722_000000723098_00393_46528_6034.N1	23-JAN-2011 06:07:22	Bright	72.000	67	5Alp CrB	2.2210	11000.	144	46528	No
79	GOM_TRA_1PNPDE20110123_061422_000000583098_00393_46528_6035.N1	23-JAN-2011 06:14:22	Bright	57.500	102	24Alp Ser	2.6000	4250.0	115	46528	No
80	GOM_TRA_1PNPDE20110123_061734_000000453098_00393_46528_6036.N1	23-JAN-2011 06:17:34	Bright	45.000	98	13Zet Oph	2.5710	30000.	90	46528	No
81	GOM_TRA_1PNPDE20110123_062203_000000563098_00393_46528_6037.N1	23-JAN-2011 06:22:03	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	46528	No
82	GOM_TRA_1PNPDE20110123_062734_000000413098_00393_46528_6038.N1	23-JAN-2011 06:27:34	Dark	40.500	131	Gam Lup	2.8000	26000.	81	46528	No
83	GOM_TRA_1PNPDE20110123_062933_000000423098_00393_46528_6039.N1	23-JAN-2011 06:29:33	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46528	No
84	GOM_TRA_1PNPDE20110123_063135_000000543098_00394_46529_6040.N1	23-JAN-2011 06:31:35	Dark	54.000	54	5The Cen	2.0550	4500.0	108	46529	No
85	GOM_TRA_1PNPDE20110123_063414_000000463098_00394_46529_6041.N1	23-JAN-2011 06:34:14	Dark	45.500	10	Bet Cen	0.61000	28000.	91	46529	No
86	GOM_TRA_1PNPDE20110123_063741_000000503098_00394_46529_6042.N1	23-JAN-2011 06:37:41	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	46529	No
87	GOM_TRA_1PNPDE20110123_064311_000000503098_00394_46529_6043.N1	23-JAN-2011 06:43:11	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46529	No
88	GOM_TRA_1PNPDE20110123_064447_000000453098_00394_46529_6044.N1	23-JAN-2011 06:44:47	Dark	44.500	91	Kap Vel	2.4900	26000.	89	46529	No
89	GOM_TRA_1PNPDE20110123_064806_000000473098_00394_46529_6045.N1	23-JAN-2011 06:48:06	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	46529	No
90	GOM_TRA_1PNPDE20110123_065028_000000393098_00394_46529_6046.N1	23-JAN-2011 06:50:28	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	46529	No
91	GOM_TRA_1PNPDE20110123_065457_000000473098_00394_46529_6047.N1	23-JAN-2011 06:54:57	Straylight	46.500	132	15Rho Pup	2.8030	6900.0	93	46529	No
92	GOM_TRA_1PNPDE20110123_070408_000000533098_00394_46529_6048.N1	23-JAN-2011 07:04:08	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46529	No
93	GOM_TRA_1PNPDE20110123_071111_000000453098_00394_46529_6049.N1	23-JAN-2011 07:11:11	Bright	44.500	17	78Bet Gem	1.1610	4500.0	89	46529	No
94	GOM_TRA_1PNPDE20110123_072655_000000453098_00394_46529_6050.N1	23-JAN-2011 07:26:55	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	46529	No
95	GOM_TRA_1PNPDE20110123_073126_000000363098_00394_46529_6051.N1	23-JAN-2011 07:31:26	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46529	No
96	GOM_TRA_1PNPDK20110123_073557_000000393098_00394_46529_4984.N1	23-JAN-2011 07:35:57	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46529	No
97	GOM_TRA_1PNPDK20110123_073849_000000373098_00394_46529_4985.N1	23-JAN-2011 07:38:49	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	46529	No
98	GOM_TRA_1PNPDK20110123_074512_000000583098_00394_46529_4986.N1	23-JAN-2011 07:45:12	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46529	No
99	GOM_TRA_1PNPDK20110123_074736_000000723098_00394_46529_4987.N1	23-JAN-2011 07:47:36	Bright	72.000	67	5Alp CrB	2.2210	11000.	144	46529	No
100	GOM_TRA_1PNPDK20110123_075437_000000583098_00394_46529_4988.N1	23-JAN-2011 07:54:37	Bright	57.500	102	24Alp Ser	2.6000	4250.0	115	46529	No
101	GOM_TRA_1PNPDK20110123_075749_000000463098_00394_46529_4989.N1	23-JAN-2011 07:57:49	Bright	45.500	98	13Zet Oph	2.5710	30000.	91	46529	No
102	GOM_TRA_1PNPDK20110123_080218_000000533098_00394_46529_4990.N1	23-JAN-2011 08:02:18	Twilight	52.500	16	21Alp Sco	1.0200	3000.0	105	46529	No
103	GOM_TRA_1PNPDK20110123_080749_000000413098_00394_46529_4991.N1	23-JAN-2011 08:07:49	Dark	41.000	131	Gam Lup	2.8000	26000.	82	46529	No
104	GOM_TRA_1PNPDK20110123_080947_000000443098_00394_46529_4992.N1	23-JAN-2011 08:09:47	Dark	43.500	109	Bet Lup	2.6770	26000.	87	46529	No
105	GOM_TRA_1PNPDK20110123_081150_000000563098_00395_46530_4993.N1	23-JAN-2011 08:11:50	Dark	55.500	54	5The Cen	2.0550	4500.0	111	46530	No
106	GOM_TRA_1PNPDK20110123_081429_000000443098_00395_46530_4994.N1	23-JAN-2011 08:14:29	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46530	No
107	GOM_TRA_1PNPDK20110123_081755_000000413098_00395_46530_4995.N1	23-JAN-2011 08:17:55	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	46530	No
108	GOM_TRA_1PNPDK20110123_082326_000000473098_00395_46530_4996.N1	23-JAN-2011 08:23:26	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46530	No
109	GOM_TRA_1PNPDK20110123_082502_000000393098_00395_46530_4997.N1	23-JAN-2011 08:25:02	Dark	38.500	91	Kap Vel	2.4900	26000.	77	46530	No
110	GOM_TRA_1PNPDK20110123_082821_000000503098_00395_46530_4998.N1	23-JAN-2011 08:28:21	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	46530	No
111	GOM_TRA_1PNPDK20110123_083042_000000423098_00395_46530_4999.N1	23-JAN-2011 08:30:42	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	46530	No
112	GOM_TRA_1PNPDK20110123_083511_000000443098_00395_46530_5000.N1	23-JAN-2011 08:35:11	Straylight	44.000	132	15Rho Pup	2.8030	6900.0	88	46530	No
113	GOM_TRA_1PNPDK20110123_084422_000000573098_00395_46530_5022.N1	23-JAN-2011 08:44:22	Twilight	57.000	8	10Alp CMi	0.40000	6500.0	114	46530	No
114	GOM_TRA_1PNPDK20110123_085124_000000423098_00395_46530_5023.N1	23-JAN-2011 08:51:24	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46530	No
115	GOM_TRA_1PNPDK20110123_090709_000000493098_00395_46530_5024.N1	23-JAN-2011 09:07:09	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	46530	No
116	GOM_TRA_1PNPDK20110123_091140_000000413098_00395_46530_5025.N1	23-JAN-2011 09:11:40	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46530	No
117	GOM_TRA_1PNPDK20110123_091611_000000393098_00395_46530_5026.N1	23-JAN-2011 09:16:11	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46530	No
118	GOM_TRA_1PNPDK20110123_091903_000000353098_00395_46530_5027.N1	23-JAN-2011 09:19:03	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	46530	No
119	GOM_TRA_1PNPDK20110123_092526_000000393098_00395_46530_5028.N1	23-JAN-2011 09:25:26	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	46530	No
120	GOM_TRA_1PNPDK20110123_092751_000000493098_00395_46530_5029.N1	23-JAN-2011 09:27:51	Bright	48.500	67	5Alp CrB	2.2210	11000.	97	46530	No
121	GOM_TRA_1PNPDK20110123_093451_000000573098_00395_46530_5030.N1	23-JAN-2011 09:34:51	Bright	56.500	102	24Alp Ser	2.6000	4250.0	113	46530	No
122	GOM_TRA_1PNPDK20110123_093803_000000473098_00395_46530_5031.N1	23-JAN-2011 09:38:03	Bright	46.500	98	13Zet Oph	2.5710	30000.	93	46530	No
123	GOM_TRA_1PNPDK20110123_094232_000000563098_00395_46530_5032.N1	23-JAN-2011 09:42:32	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	46530	No
124	GOM_TRA_1PNPDK20110123_094803_000000403098_00395_46530_5033.N1	23-JAN-2011 09:48:03	Dark	39.500	131	Gam Lup	2.8000	26000.	79	46530	No
125	GOM_TRA_1PNPDK20110123_095002_000000423098_00395_46530_5034.N1	23-JAN-2011 09:50:02	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46530	No
126	GOM_TRA_1PNPDK20110123_095205_000000563098_00396_46531_5035.N1	23-JAN-2011 09:52:05	Dark	56.000	54	5The Cen	2.0550	4500.0	112	46531	No

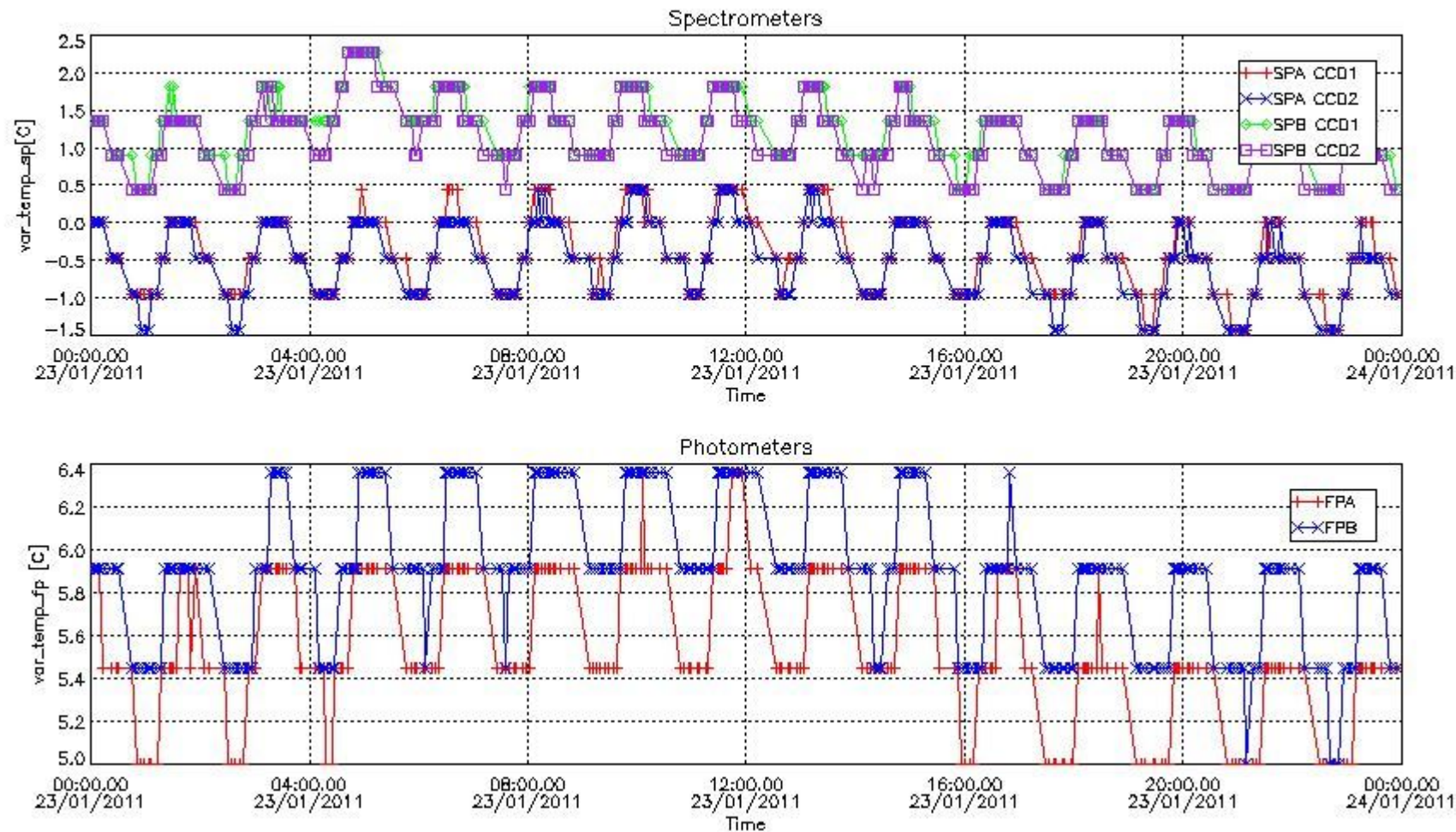
127	GOM_TRA_1PNPDK20110123_095443_000000433098_00396_46531_5036.N1	23-JAN-2011 09:54:43	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46531	No
128	GOM_TRA_1PNPDK20110123_095810_000000433098_00396_46531_5037.N1	23-JAN-2011 09:58:10	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46531	No
129	GOM_TRA_1PNPDK20110123_100341_000000453098_00396_46531_5038.N1	23-JAN-2011 10:03:41	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46531	No
130	GOM_TRA_1PNPDK20110123_100516_000000403098_00396_46531_5039.N1	23-JAN-2011 10:05:16	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46531	No
131	GOM_TRA_1PNPDK20110123_100835_000000503098_00396_46531_5040.N1	23-JAN-2011 10:08:35	Dark	49.500	65	Lam Vel	2.2040	4400.0	99	46531	No
132	GOM_TRA_1PNPDK20110123_101101_000000343098_00396_46531_5041.N1	23-JAN-2011 10:11:01	Straylight	34.000	70	Zet Pup	2.2460	39000.	68	46531	No
133	GOM_TRA_1PNPDK20110123_101525_000000463098_00396_46531_5042.N1	23-JAN-2011 10:15:25	Straylight	45.500	132	15Rho Pup	2.8030	6900.0	91	46531	No
134	GOM_TRA_1PNPDK20110123_102436_000000513098_00396_46531_5381.N1	23-JAN-2011 10:24:36	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	46531	No
135	GOM_TRA_1PNPDK20110123_103138_000000443098_00396_46531_5382.N1	23-JAN-2011 10:31:38	Bright	44.000	17	78Bet Gem	1.1610	4500.0	88	46531	No
136	GOM_TRA_1PNPDK20110123_104722_000000483098_00396_46531_5383.N1	23-JAN-2011 10:47:22	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	46531	No
137	GOM_TRA_1PNPDK20110123_105154_000000573098_00396_46531_5384.N1	23-JAN-2011 10:51:54	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	46531	No
138	GOM_TRA_1PNPDK20110123_105625_000000403098_00396_46531_5385.N1	23-JAN-2011 10:56:25	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46531	No
139	GOM_TRA_1PNPDK20110123_105917_000000353098_00396_46531_5386.N1	23-JAN-2011 10:59:17	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	46531	No
140	GOM_TRA_1PNPDK20110123_110540_000000583098_00396_46531_5387.N1	23-JAN-2011 11:05:40	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46531	No
141	GOM_TRA_1PNPDK20110123_110805_000000493098_00396_46531_5388.N1	23-JAN-2011 11:08:05	Bright	48.500	67	5Alp CrB	2.2210	11000.	97	46531	No
142	GOM_TRA_1PNPDK20110123_111506_000000563098_00396_46531_5389.N1	23-JAN-2011 11:15:06	Bright	55.500	102	24Alp Ser	2.6000	4250.0	111	46531	No
143	GOM_TRA_1PNPDK20110123_111817_000000463098_00396_46531_5390.N1	23-JAN-2011 11:18:17	Bright	45.500	98	13Zet Oph	2.5710	30000.	91	46531	No
144	GOM_TRA_1PNPDK20110123_112247_000000463098_00396_46531_5391.N1	23-JAN-2011 11:22:47	Twilight	45.500	16	21Alp Sco	1.0200	3000.0	91	46531	No
145	GOM_TRA_1PNPDK20110123_112818_000000473098_00396_46531_5392.N1	23-JAN-2011 11:28:18	Dark	47.000	131	Gam Lup	2.8000	26000.	94	46531	No
146	GOM_TRA_1PNPDK20110123_113017_000000453098_00396_46531_5393.N1	23-JAN-2011 11:30:17	Dark	44.500	109	Bet Lup	2.6770	26000.	89	46531	No
147	GOM_TRA_1PNPDK20110123_113220_000000533098_00397_46532_5394.N1	23-JAN-2011 11:32:20	Dark	53.000	54	5The Cen	2.0550	4500.0	106	46532	No
148	GOM_TRA_1PNPDK20110123_113458_000000433098_00397_46532_5395.N1	23-JAN-2011 11:34:58	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46532	No
149	GOM_TRA_1PNPDK20110123_113824_000000413098_00397_46532_5396.N1	23-JAN-2011 11:38:24	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	46532	No
150	GOM_TRA_1PNPDK20110123_114355_000000513098_00397_46532_5397.N1	23-JAN-2011 11:43:55	Dark	51.000	113	Mu Vel	2.6920	5000.0	102	46532	No
151	GOM_TRA_1PNPDK20110123_114531_000000393098_00397_46532_5398.N1	23-JAN-2011 11:45:31	Dark	38.500	91	Kap Vel	2.4900	26000.	77	46532	No
152	GOM_TRA_1PNPDK20110123_114849_000000513098_00397_46532_5399.N1	23-JAN-2011 11:48:49	Dark	51.000	65	Lam Vel	2.2040	4400.0	102	46532	No
153	GOM_TRA_1PNPDK20110123_115539_000000453098_00397_46532_5400.N1	23-JAN-2011 11:55:39	Straylight	45.000	132	15Rho Pup	2.8030	6900.0	90	46532	No
154	GOM_TRA_1PNPDK20110123_120450_000000513098_00397_46532_5355.N1	23-JAN-2011 12:04:50	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	46532	No
155	GOM_TRA_1PNPDK20110123_121152_000000443098_00397_46532_5356.N1	23-JAN-2011 12:11:52	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46532	No
156	GOM_TRA_1PNPDK20110123_123208_000000393098_00397_46532_5357.N1	23-JAN-2011 12:32:08	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46532	No
157	GOM_TRA_1PNPDK20110123_123639_000000393098_00397_46532_5358.N1	23-JAN-2011 12:36:39	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46532	No
158	GOM_TRA_1PNPDK20110123_123931_000000373098_00397_46532_5359.N1	23-JAN-2011 12:39:31	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	46532	No
159	GOM_TRA_1PNPDK20110123_124554_000000583098_00397_46532_5360.N1	23-JAN-2011 12:45:54	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46532	No
160	GOM_TRA_1PNPDK20110123_124819_000000723098_00397_46532_5361.N1	23-JAN-2011 12:48:19	Bright	72.000	67	5Alp CrB	2.2210	11000.	144	46532	No
161	GOM_TRA_1PNPDK20110123_125521_000000583098_00397_46532_5362.N1	23-JAN-2011 12:55:21	Bright	57.500	102	24Alp Ser	2.6000	4250.0	115	46532	No
162	GOM_TRA_1PNPDK20110123_125832_000000463098_00397_46532_5363.N1	23-JAN-2011 12:58:32	Bright	46.000	98	13Zet Oph	2.5710	30000.	92	46532	No
163	GOM_TRA_1PNPDK20110123_130301_000000553098_00397_46532_5364.N1	23-JAN-2011 13:03:01	Twilight	55.000	16	21Alp Sco	1.0200	3000.0	110	46532	No
164	GOM_TRA_1PNPDK20110123_130832_000000413098_00397_46532_5365.N1	23-JAN-2011 13:08:32	Dark	41.000	131	Gam Lup	2.8000	26000.	82	46532	No
165	GOM_TRA_1PNPDK20110123_131032_000000433098_00397_46532_5366.N1	23-JAN-2011 13:10:32	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46532	No
166	GOM_TRA_1PNPDK20110123_131235_000000543098_00398_46533_5367.N1	23-JAN-2011 13:12:35	Dark	54.000	54	5The Cen	2.0550	4500.0	108	46533	No
167	GOM_TRA_1PNPDK20110123_131512_000000423098_00398_46533_5368.N1	23-JAN-2011 13:15:12	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46533	No
168	GOM_TRA_1PNPDK20110123_131839_000000433098_00398_46533_5369.N1	23-JAN-2011 13:18:39	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	46533	No
169	GOM_TRA_1PNPDK20110123_132410_000000453098_00398_46533_5370.N1	23-JAN-2011 13:24:10	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46533	No
170	GOM_TRA_1PNPDK20110123_132545_000000403098_00398_46533_5371.N1	23-JAN-2011 13:25:45	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46533	No
171	GOM_TRA_1PNPDK20110123_132904_000000523098_00398_46533_5372.N1	23-JAN-2011 13:29:04	Dark	52.000	65	Lam Vel	2.2040	4400.0	104	46533	No
172	GOM_TRA_1PNPDK20110123_133554_000000443098_00398_46533_5373.N1	23-JAN-2011 13:35:54	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46533	No
173	GOM_TRA_1PNPDK20110123_134504_000000533098_00398_46533_5345.N1	23-JAN-2011 13:45:04	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	46533	No
174	GOM_TRA_1PNPDK20110123_135205_000000453098_00398_46533_5346.N1	23-JAN-2011 13:52:05	Bright	44.500	17	78Bet Gem	1.1610	4500.0	89	46533	No
175	GOM_TRA_1PNPDK20110123_140749_000000433098_00398_46533_5347.N1	23-JAN-2011 14:07:49	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	46533	No
176	GOM_TRA_1PNPDK20110123_141222_000000363098_00398_46533_5348.N1	23-JAN-2011 14:12:22	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46533	No
177	GOM_TRA_1PNPDK20110123_141653_000000383098_00398_46533_5349.N1	23-JAN-2011 14:16:53	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46533	No
178	GOM_TRA_1PNPDK20110123_141945_000000353098_00398_46533_5350.N1	23-JAN-2011 14:19:45	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	46533	No
179	GOM_TRA_1PNPDK20110123_142609_000000583098_00398_46533_5351.N1	23-JAN-2011 14:26:09	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46533	No
180	GOM_TRA_1PNPDK20110123_142833_000000723098_00398_46533_5352.N1	23-JAN-2011 14:28:33	Bright	72.000	67	5Alp CrB	2.2210	11000.	144	46533	No
181	GOM_TRA_1PNPDK20110123_143535_000000583098_00398_46533_5353.N1	23-JAN-2011 14:35:35	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46533	No
182	GOM_TRA_1PNPDK20110123_143846_000000453098_00398_46533_5354.N1	23-JAN-2011 14:38:46	Bright	45.000	98	13Zet Oph	2.5710	30000.	90	46533	No
183	GOM_TRA_1PNPDK20110123_144316_000000543098_00398_46533_5355.N1	23-JAN-2011 14:43:16	Twilight	53.500	16	21Alp Sco	1.0200	3000.0	107	46533	No
184	GOM_TRA_1PNPDK20110123_144847_000000423098_00398_46533_5356.N1	23-JAN-2011 14:48:47	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46533	No
185	GOM_TRA_1PNPDK20110123_145047_000000443098_00398_46533_5357.N1	23-JAN-2011 14:50:47	Dark	43.500	109	Bet Lup	2.6770	26000.	87	46533	No

186	GOM_TRA_1PNPDK20110123_145250_000000533098_00399_46534_5358.N1	23-JAN-2011 14:52:50	Dark	53.000	54	5The Cen	2.0550	4500.0	106	46534	No
187	GOM_TRA_1PNPDK20110123_145527_000000433098_00399_46534_5359.N1	23-JAN-2011 14:55:27	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46534	No
188	GOM_TRA_1PNPDK20110123_145854_000000443098_00399_46534_5360.N1	23-JAN-2011 14:58:54	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	46534	No
189	GOM_TRA_1PNPDK20110123_150425_000000463098_00399_46534_5361.N1	23-JAN-2011 15:04:25	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46534	No
190	GOM_TRA_1PNPDK20110123_150559_000000393098_00399_46534_5362.N1	23-JAN-2011 15:05:59	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46534	No
191	GOM_TRA_1PNPDK20110123_150918_000000523098_00399_46534_5363.N1	23-JAN-2011 15:09:18	Dark	51.500	65	Lam Vel	2.2040	4400.0	103	46534	No
192	GOM_TRA_1PNPDK20110123_151608_000000453098_00399_46534_5289.N1	23-JAN-2011 15:16:08	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	46534	No
193	GOM_TRA_1PNPDK20110123_152518_000000533098_00399_46534_5290.N1	23-JAN-2011 15:25:18	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46534	No
194	GOM_TRA_1PNPDK20110123_153219_000000453098_00399_46534_5291.N1	23-JAN-2011 15:32:19	Bright	44.500	17	78Bet Gem	1.1610	4500.0	89	46534	No
195	GOM_TRA_1PNPDK20110123_154802_000000493098_00399_46534_5292.N1	23-JAN-2011 15:48:02	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	46534	No
196	GOM_TRA_1PNPDK20110123_155235_000000423098_00399_46534_5293.N1	23-JAN-2011 15:52:35	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46534	No
197	GOM_TRA_1PNPDK20110123_155707_000000403098_00399_46534_5294.N1	23-JAN-2011 15:57:07	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46534	No
198	GOM_TRA_1PNPDK20110123_155959_000000383098_00399_46534_5295.N1	23-JAN-2011 15:59:59	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	46534	No
199	GOM_TRA_1PNPDK20110123_160623_000000583098_00399_46534_5296.N1	23-JAN-2011 16:06:23	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46534	No
200	GOM_TRA_1PNPDK20110123_160848_000000683098_00399_46534_5297.N1	23-JAN-2011 16:08:48	Bright	68.000	67	5Alp CrB	2.2210	11000.	136	46534	No
201	GOM_TRA_1PNPDK20110123_161550_000000573098_00399_46534_5298.N1	23-JAN-2011 16:15:50	Bright	56.500	102	24Alp Ser	2.6000	4250.0	113	46534	No
202	GOM_TRA_1PNPDK20110123_161901_000000453098_00399_46534_5299.N1	23-JAN-2011 16:19:01	Bright	44.500	98	13Zet Oph	2.5710	30000.	89	46534	No
203	GOM_TRA_1PNPDK20110123_162330_000000503098_00399_46534_5300.N1	23-JAN-2011 16:23:30	Twilight	50.000	16	21Alp Sco	1.0200	3000.0	100	46534	No
204	GOM_TRA_1PNPDK20110123_162902_000000403098_00399_46534_5301.N1	23-JAN-2011 16:29:02	Dark	40.000	131	Gam Lup	2.8000	26000.	80	46534	No
205	GOM_TRA_1PNPDK20110123_163102_000000433098_00399_46534_5302.N1	23-JAN-2011 16:31:02	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46534	No
206	GOM_TRA_1PNPDK20110123_163306_000000533098_00400_46535_5303.N1	23-JAN-2011 16:33:06	Dark	52.500	54	5The Cen	2.0550	4500.0	105	46535	No
207	GOM_TRA_1PNPDK20110123_163542_000000453098_00400_46535_5304.N1	23-JAN-2011 16:35:42	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46535	No
208	GOM_TRA_1PNPDK20110123_163908_000000423098_00400_46535_5305.N1	23-JAN-2011 16:39:08	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46535	No
209	GOM_TRA_1PNPDK20110123_164439_000000493098_00400_46535_5306.N1	23-JAN-2011 16:44:39	Dark	49.000	113	Mu Vel	2.6920	5000.0	98	46535	No
210	GOM_TRA_1PNPDK20110123_164614_000000433098_00400_46535_5307.N1	23-JAN-2011 16:46:14	Dark	42.500	91	Kap Vel	2.4900	26000.	85	46535	No
211	GOM_TRA_1PNPDK20110123_164933_000000503098_00400_46535_5308.N1	23-JAN-2011 16:49:33	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	46535	No
212	GOM_TRA_1PNPDK20110123_165622_000000473098_00400_46535_5328.N1	23-JAN-2011 16:56:22	Straylight	46.500	132	15Rho Pup	2.8030	6900.0	93	46535	No
213	GOM_TRA_1PNPDK20110123_170532_000000533098_00400_46535_5329.N1	23-JAN-2011 17:05:32	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46535	No
214	GOM_TRA_1PNPDK20110123_171233_000000453098_00400_46535_5330.N1	23-JAN-2011 17:12:33	Bright	44.500	17	78Bet Gem	1.1610	4500.0	89	46535	No
215	GOM_TRA_1PNPDK20110123_172815_000000483098_00400_46535_5331.N1	23-JAN-2011 17:28:15	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	46535	No
216	GOM_TRA_1PNPDK20110123_173249_000000403098_00400_46535_5332.N1	23-JAN-2011 17:32:49	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46535	No
217	GOM_TRA_1PNPDK20110123_173721_000000393098_00400_46535_5333.N1	23-JAN-2011 17:37:21	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46535	No
218	GOM_TRA_1PNPDK20110123_174013_000000533098_00400_46535_5334.N1	23-JAN-2011 17:40:13	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	46535	No
219	GOM_TRA_1PNPDK20110123_174637_000000493098_00400_46535_5335.N1	23-JAN-2011 17:46:37	Bright	49.000	133	40Zet Her	2.8070	6000.0	98	46535	No
220	GOM_TRA_1PNPDK20110123_174902_000000683098_00400_46535_5336.N1	23-JAN-2011 17:49:02	Bright	68.000	67	5Alp CrB	2.2210	11000.	136	46535	No
221	GOM_TRA_1PNPDK20110123_175605_000000593098_00400_46535_5337.N1	23-JAN-2011 17:56:05	Bright	58.500	102	24Alp Ser	2.6000	4250.0	117	46535	No
222	GOM_TRA_1PNPDK20110123_175916_000000433098_00400_46535_5338.N1	23-JAN-2011 17:59:16	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	46535	No
223	GOM_TRA_1PNPDK20110123_180345_000000463098_00400_46535_5339.N1	23-JAN-2011 18:03:45	Twilight	46.000	16	21Alp Sco	1.0200	3000.0	92	46535	No
224	GOM_TRA_1PNPDK20110123_180916_000000403098_00400_46535_5340.N1	23-JAN-2011 18:09:16	Dark	40.000	131	Gam Lup	2.8000	26000.	80	46535	No
225	GOM_TRA_1PNPDK20110123_181116_000000423098_00400_46535_5341.N1	23-JAN-2011 18:11:16	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46535	No
226	GOM_TRA_1PNPDK20110123_181321_000000543098_00401_46536_5342.N1	23-JAN-2011 18:13:21	Dark	54.000	54	5The Cen	2.0550	4500.0	108	46536	No
227	GOM_TRA_1PNPDK20110123_181556_000000453098_00401_46536_5343.N1	23-JAN-2011 18:15:56	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46536	No
228	GOM_TRA_1PNPDK20110123_181923_000000443098_00401_46536_5344.N1	23-JAN-2011 18:19:23	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46536	No
229	GOM_TRA_1PNPDK20110123_182454_000000513098_00401_46536_5345.N1	23-JAN-2011 18:24:54	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	46536	No
230	GOM_TRA_1PNPDK20110123_182628_000000433098_00401_46536_5346.N1	23-JAN-2011 18:26:28	Dark	42.500	91	Kap Vel	2.4900	26000.	85	46536	No
231	GOM_TRA_1PNPDK20110123_182947_000000573098_00401_46536_5347.N1	23-JAN-2011 18:29:47	Dark	56.500	65	Lam Vel	2.2040	4400.0	113	46536	No
232	GOM_TRA_1PNPDK20110123_183636_000000463098_00401_46536_5395.N1	23-JAN-2011 18:36:36	Straylight	45.500	132	15Rho Pup	2.8030	6900.0	91	46536	No
233	GOM_TRA_1PNPDK20110123_184546_000000503098_00401_46536_5396.N1	23-JAN-2011 18:45:46	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	46536	No
234	GOM_TRA_1PNPDK20110123_185247_000000443098_00401_46536_5397.N1	23-JAN-2011 18:52:47	Bright	44.000	17	78Bet Gem	1.1610	4500.0	88	46536	No
235	GOM_TRA_1PNPDK20110123_190828_000000483098_00401_46536_5398.N1	23-JAN-2011 19:08:28	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	46536	No
236	GOM_TRA_1PNPDK20110123_191303_000000363098_00401_46536_5399.N1	23-JAN-2011 19:13:03	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46536	No
237	GOM_TRA_1PNPDK20110123_191735_000000393098_00401_46536_5400.N1	23-JAN-2011 19:17:35	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46536	No
238	GOM_TRA_1PNPDK20110123_192651_000000523098_00401_46536_5401.N1	23-JAN-2011 19:26:51	Bright	51.500	133	40Zet Her	2.8070	6000.0	103	46536	No
239	GOM_TRA_1PNPDK20110123_192916_000000603098_00401_46536_5402.N1	23-JAN-2011 19:29:16	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	46536	No
240	GOM_TRA_1PNPDK20110123_193620_000000573098_00401_46536_5403.N1	23-JAN-2011 19:36:20	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46536	No
241	GOM_TRA_1PNPDK20110123_193930_000000473098_00401_46536_5404.N1	23-JAN-2011 19:39:30	Twilight	46.500	98	13Zet Oph	2.5710	30000.	93	46536	No
242	GOM_TRA_1PNPDK20110123_194359_000000523098_00401_46536_5405.N1	23-JAN-2011 19:43:59	Twilight	52.000	16	21Alp Sco	1.0200	3000.0	104	46536	No
243	GOM_TRA_1PNPDK20110123_194931_000000423098_00401_46536_5406.N1	23-JAN-2011 19:49:31	Dark	42.000	131	Gam Lup	2.8000	26000.	84	46536	No
244	GOM_TRA_1PNPDK20110123_195131_000000433098_00401_46536_5407.N1	23-JAN-2011 19:51:31	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46536	No



245	GOM_TRA_1PNPDK20110123_195336_000000563098_00402_46537_5408.N1	23-JAN-2011 19:53:36	Dark	55.500	54	5The Cen	2.0550	4500.0	111	46537	No
246	GOM_TRA_1PNPDK20110123_195611_000000433098_00402_46537_5409.N1	23-JAN-2011 19:56:11	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46537	No
247	GOM_TRA_1PNPDK20110123_195937_000000443098_00402_46537_5410.N1	23-JAN-2011 19:59:37	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	46537	No
248	GOM_TRA_1PNPDK20110123_200509_000000513098_00402_46537_5411.N1	23-JAN-2011 20:05:09	Dark	51.000	113	Mu Vel	2.6920	5000.0	102	46537	No
249	GOM_TRA_1PNPDE20110123_200643_000000423098_00402_46537_6124.N1	23-JAN-2011 20:06:43	Dark	42.000	91	Kap Vel	2.4900	26000.	84	46537	No
250	GOM_TRA_1PNPDE20110123_201002_000000503098_00402_46537_6125.N1	23-JAN-2011 20:10:02	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	46537	No
251	GOM_TRA_1PNPDE20110123_201651_000000453098_00402_46537_6126.N1	23-JAN-2011 20:16:51	Straylight	45.000	132	15Rho Pup	2.8030	6900.0	90	46537	No
252	GOM_TRA_1PNPDE20110123_202600_000000563098_00402_46537_6127.N1	23-JAN-2011 20:26:00	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	46537	No
253	GOM_TRA_1PNPDE20110123_203300_000000453098_00402_46537_6128.N1	23-JAN-2011 20:33:00	Bright	44.500	17	78Bet Gem	1.1610	4500.0	89	46537	No
254	GOM_TRA_1PNPDE20110123_204842_000000483098_00402_46537_6129.N1	23-JAN-2011 20:48:42	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	46537	No
255	GOM_TRA_1PNPDE20110123_205317_000000393098_00402_46537_6130.N1	23-JAN-2011 20:53:17	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46537	No
256	GOM_TRA_1PNPDE20110123_205749_000000563098_00402_46537_6131.N1	23-JAN-2011 20:57:49	Bright	56.000	119	14Eta Dra	2.7270	4700.0	112	46537	No
257	GOM_TRA_1PNPDE20110123_210041_000000443098_00402_46537_6132.N1	23-JAN-2011 21:00:41	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	46537	No
258	GOM_TRA_1PNPDE20110123_210705_000000393098_00402_46537_6133.N1	23-JAN-2011 21:07:05	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	46537	No
259	GOM_TRA_1PNPDE20110123_210931_000000603098_00402_46537_6134.N1	23-JAN-2011 21:09:31	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	46537	No
260	GOM_TRA_1PNPDE20110123_211634_000000613098_00402_46537_6135.N1	23-JAN-2011 21:16:34	Bright	61.000	102	24Alp Ser	2.6000	4250.0	122	46537	No
261	GOM_TRA_1PNPDE20110123_211945_000000463098_00402_46537_6146.N1	23-JAN-2011 21:19:45	Twilight	45.500	98	13Zet Oph	2.5710	30000.	91	46537	No
262	GOM_TRA_1PNPDE20110123_212414_000000563098_00402_46537_6147.N1	23-JAN-2011 21:24:14	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	46537	No
263	GOM_TRA_1PNPDE20110123_212946_000000433098_00402_46537_6148.N1	23-JAN-2011 21:29:46	Dark	42.500	131	Gam Lup	2.8000	26000.	85	46537	No
264	GOM_TRA_1PNPDE20110123_213146_000000443098_00402_46537_6149.N1	23-JAN-2011 21:31:46	Dark	43.500	109	Bet Lup	2.6770	26000.	87	46537	No
265	GOM_TRA_1PNPDE20110123_213351_000000543098_00403_46538_6150.N1	23-JAN-2011 21:33:51	Dark	53.500	54	5The Cen	2.0550	4500.0	107	46538	No
266	GOM_TRA_1PNPDE20110123_213625_000000423098_00403_46538_6151.N1	23-JAN-2011 21:36:25	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46538	No
267	GOM_TRA_1PNPDE20110123_213952_000000443098_00403_46538_6152.N1	23-JAN-2011 21:39:52	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	46538	No
268	GOM_TRA_1PNPDE20110123_214523_000000513098_00403_46538_6153.N1	23-JAN-2011 21:45:23	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	46538	No
269	GOM_TRA_1PNPDE20110123_214657_000000393098_00403_46538_6154.N1	23-JAN-2011 21:46:57	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46538	No
270	GOM_TRA_1PNPDE20110123_215016_000000493098_00403_46538_6155.N1	23-JAN-2011 21:50:16	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	46538	No
271	GOM_TRA_1PNPDE20110123_215705_000000453098_00403_46538_6156.N1	23-JAN-2011 21:57:05	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	46538	No
272	GOM_TRA_1PNPDE20110123_220614_000000573098_00403_46538_6157.N1	23-JAN-2011 22:06:14	Twilight	57.000	8	10Alp CMi	0.40000	6500.0	114	46538	No
273	GOM_TRA_1PNPDE20110123_221314_000000453098_00403_46538_6158.N1	23-JAN-2011 22:13:14	Bright	44.500	17	78Bet Gem	1.1610	4500.0	89	46538	No
274	GOM_TRA_1PNPDE20110123_222855_000000473098_00403_46538_6159.N1	23-JAN-2011 22:28:55	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46538	No
275	GOM_TRA_1PNPDE20110123_223331_000000363098_00403_46538_6160.N1	23-JAN-2011 22:33:31	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46538	No
276	GOM_TRA_1PNPDE20110123_223803_000000393098_00403_46538_6161.N1	23-JAN-2011 22:38:03	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46538	No
277	GOM_TRA_1PNPDE20110123_224055_000000343098_00403_46538_6162.N1	23-JAN-2011 22:40:55	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	46538	No
278	GOM_TRA_1PNPDE20110123_224720_000000583098_00403_46538_6163.N1	23-JAN-2011 22:47:20	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	46538	No
279	GOM_TRA_1PNPDE20110123_224945_000000523098_00403_46538_6164.N1	23-JAN-2011 22:49:45	Bright	52.000	67	5Alp CrB	2.2210	11000.	104	46538	No
280	GOM_TRA_1PNPDE20110123_225649_000000583098_00403_46538_6165.N1	23-JAN-2011 22:56:49	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46538	No
281	GOM_TRA_1PNPDE20110123_225959_000000433098_00403_46538_6166.N1	23-JAN-2011 22:59:59	Twilight	42.500	98	13Zet Oph	2.5710	30000.	85	46538	No
282	GOM_TRA_1PNPDE20110123_230429_000000553098_00403_46538_6167.N1	23-JAN-2011 23:04:29	Twilight	54.500	16	21Alp Sco	1.0200	3000.0	109	46538	No
283	GOM_TRA_1PNPDE20110123_231000_000000423098_00403_46538_6168.N1	23-JAN-2011 23:10:00	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46538	No
284	GOM_TRA_1PNPDE20110123_231200_000000433098_00403_46538_6169.N1	23-JAN-2011 23:12:00	Dark	43.000	109	Bet Lup	2.6770	26000.	86	46538	No
285	GOM_TRA_1PNPDE20110123_231406_000000543098_00404_46539_6170.N1	23-JAN-2011 23:14:06	Dark	53.500	54	5The Cen	2.0550	4500.0	107	46539	No
286	GOM_TRA_1PNPDE20110123_231640_000000403098_00404_46539_6171.N1	23-JAN-2011 23:16:40	Dark	40.000	10	Bet Cen	0.61000	28000.	80	46539	No
287	GOM_TRA_1PNPDE20110123_232006_000000433098_00404_46539_6172.N1	23-JAN-2011 23:20:06	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46539	No
288	GOM_TRA_1PNPDE20110123_232538_000000463098_00404_46539_6173.N1	23-JAN-2011 23:25:38	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46539	No
289	GOM_TRA_1PNPDE20110123_232711_000000413098_00404_46539_6174.N1	23-JAN-2011 23:27:11	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46539	No
290	GOM_TRA_1PNPDE20110123_233030_000000453098_00404_46539_6175.N1	23-JAN-2011 23:30:30	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	46539	No
291	GOM_TRA_1PNPDE20110123_233719_000000433098_00404_46539_6176.N1	23-JAN-2011 23:37:19	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46539	No
292	GOM_TRA_1PNPDE20110123_234628_000000503098_00404_46539_6177.N1	23-JAN-2011 23:46:28	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	46539	No
293	GOM_TRA_1PNPDE20110123_235328_000000433098_00404_46539_6178.N1	23-JAN-2011 23:53:28	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	46539	No

### 3. Plot of GOMOS spectrometers and photometers temperatures from level 1b data



#### 4. Overview of dark signal processing per product

The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

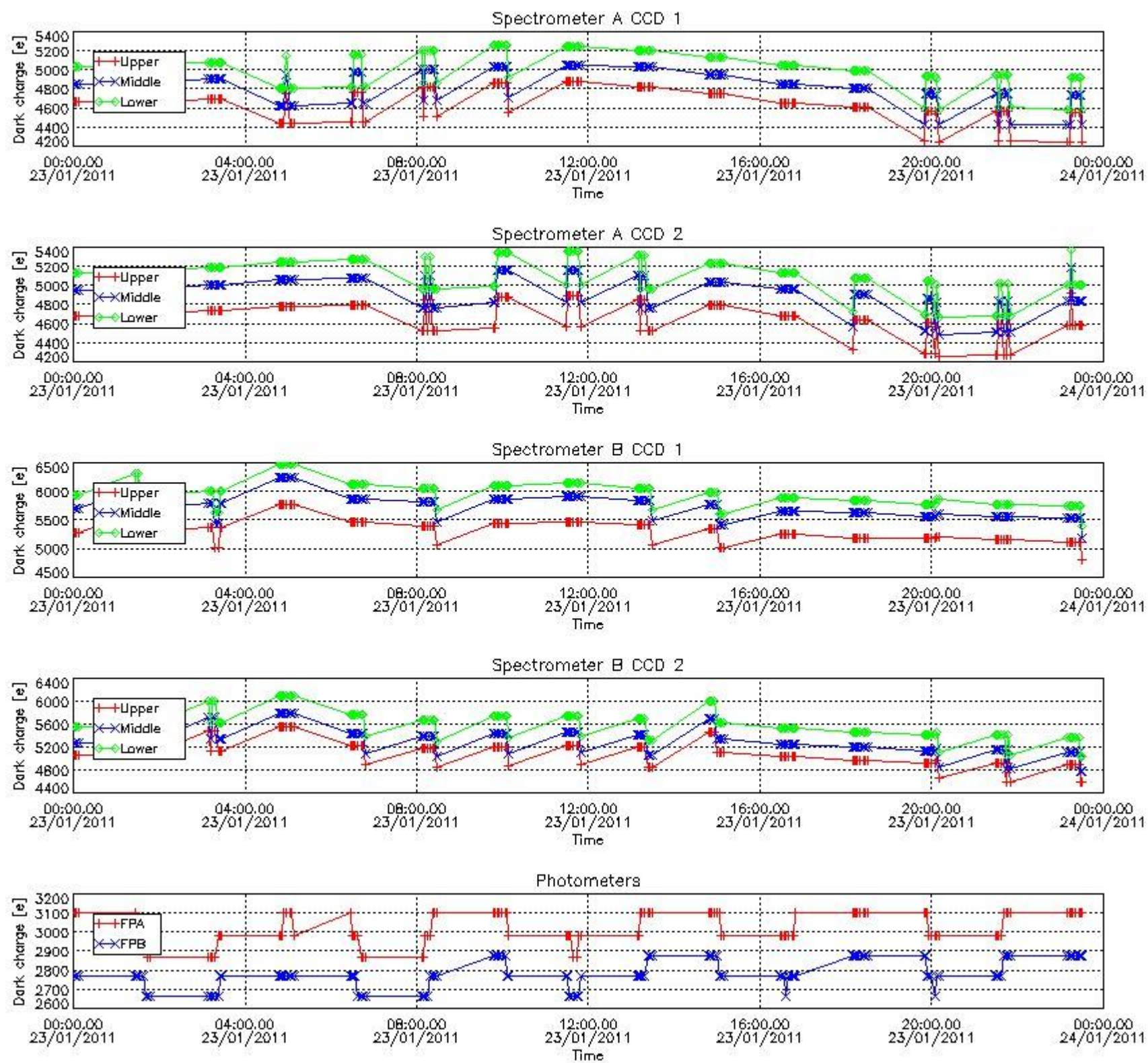
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

##### 4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDE20110123_200643_000000423098_00402_46537_6124.N1	DC map used
GOM_TRA_1PNPDE20110123_201002_000000503098_00402_46537_6125.N1	DC map used
GOM_TRA_1PNPDE20110123_201651_000000453098_00402_46537_6126.N1	DC map used
GOM_TRA_1PNPDE20110123_202600_000000563098_00402_46537_6127.N1	DC map used
GOM_TRA_1PNPDE20110123_203300_000000453098_00402_46537_6128.N1	DC map used
GOM_TRA_1PNPDE20110123_204842_000000483098_00402_46537_6129.N1	DC map used
GOM_TRA_1PNPDE20110123_205317_000000393098_00402_46537_6130.N1	DC map used
GOM_TRA_1PNPDE20110123_205749_000000563098_00402_46537_6131.N1	DC map used
GOM_TRA_1PNPDE20110123_210041_000000443098_00402_46537_6132.N1	DC map used
GOM_TRA_1PNPDE20110123_210705_000000393098_00402_46537_6133.N1	DC map used
GOM_TRA_1PNPDE20110123_210931_000000603098_00402_46537_6134.N1	DC map used
GOM_TRA_1PNPDE20110123_211634_000000613098_00402_46537_6135.N1	DC map used

##### 4.2 Plot of mean dark charges per product: only products in DARK limb conditions without errors are used





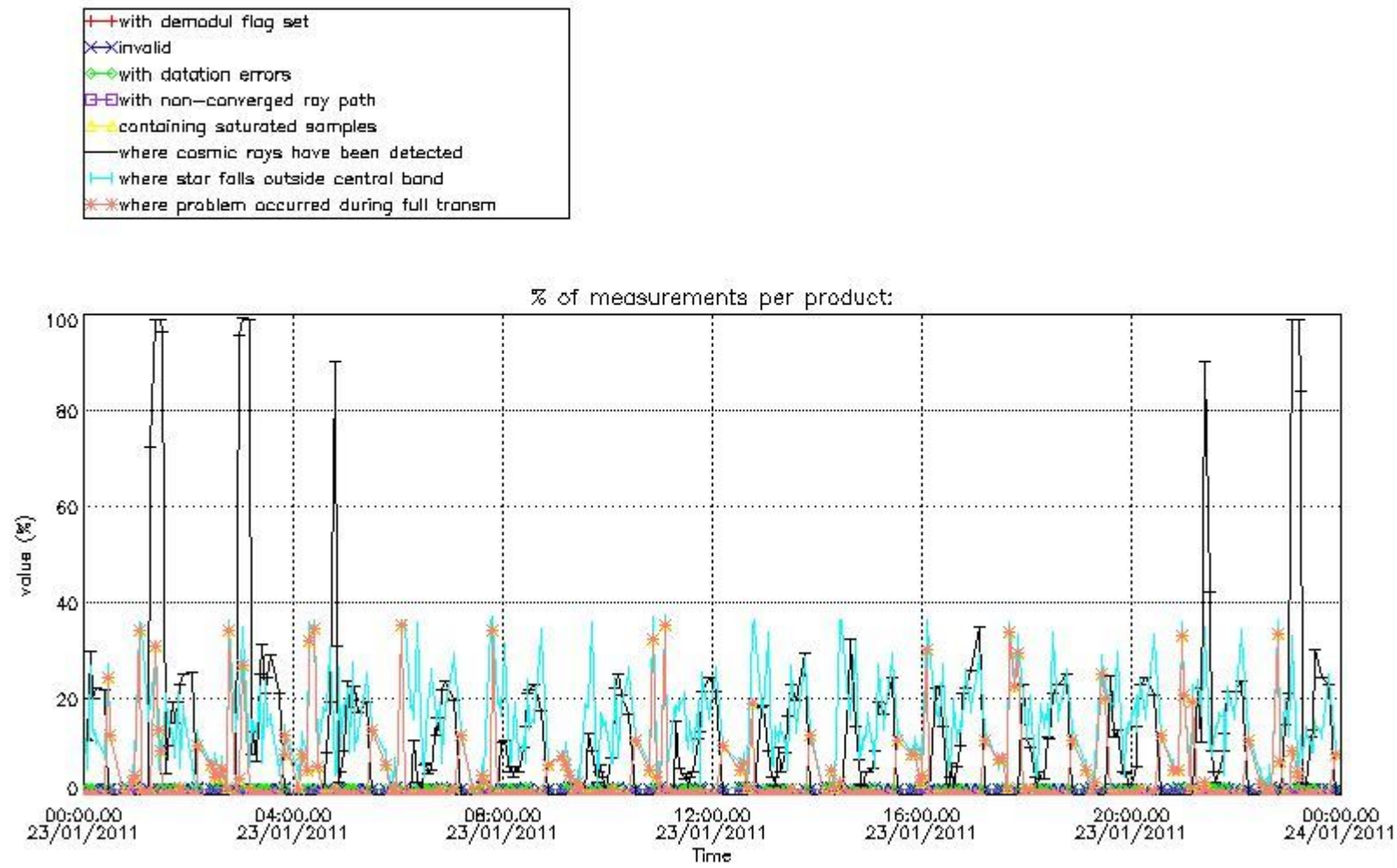
## 5. Demodulation flag and quality information monitoring

In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

### 5.1 Percentage of products during reporting period with:

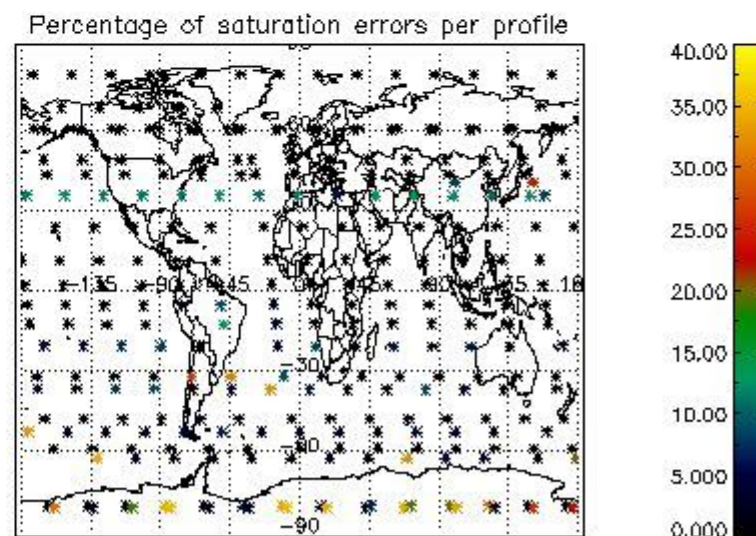
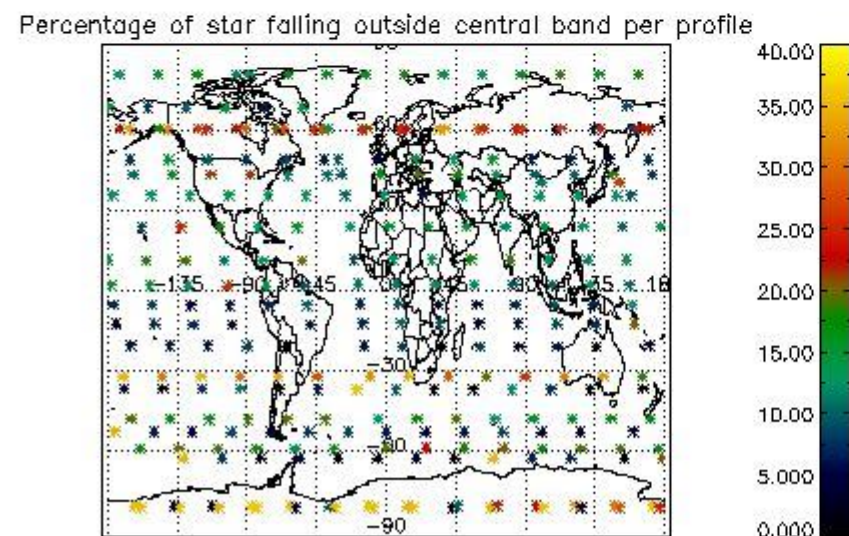
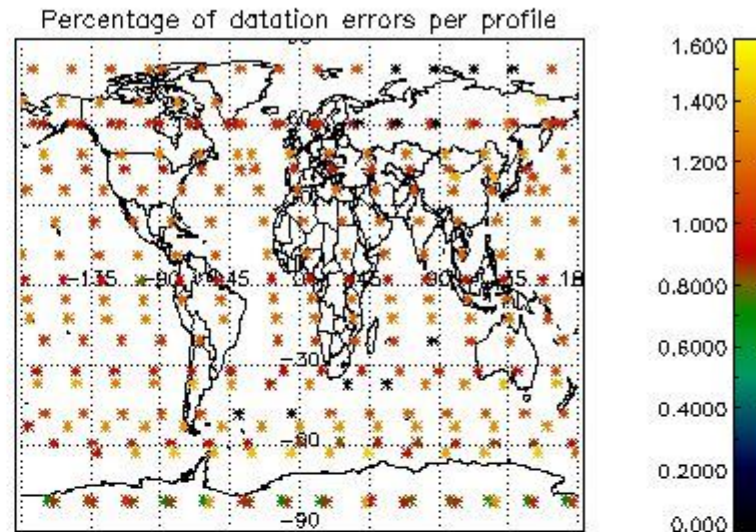
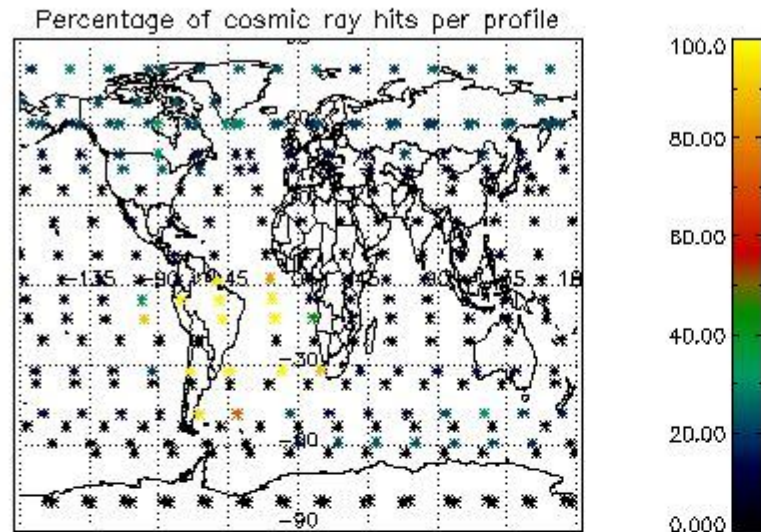
At least one measurement with demodulation flag set:	52.2184 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)





## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

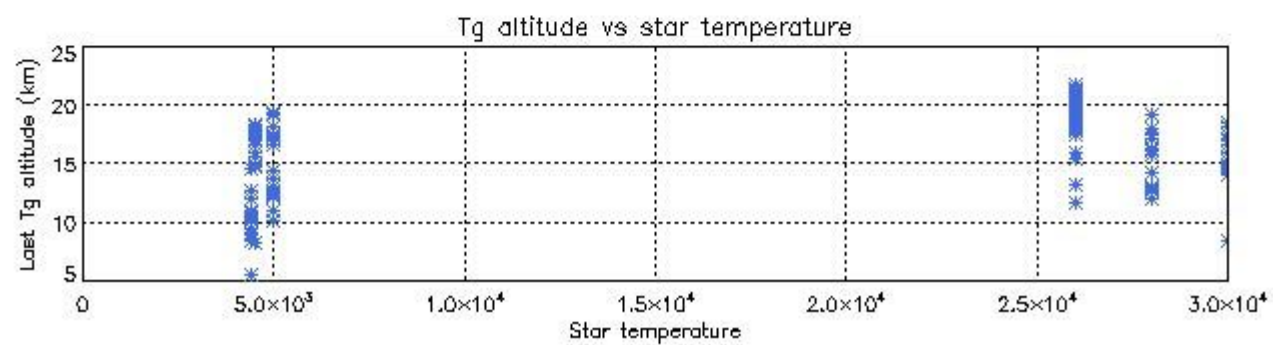
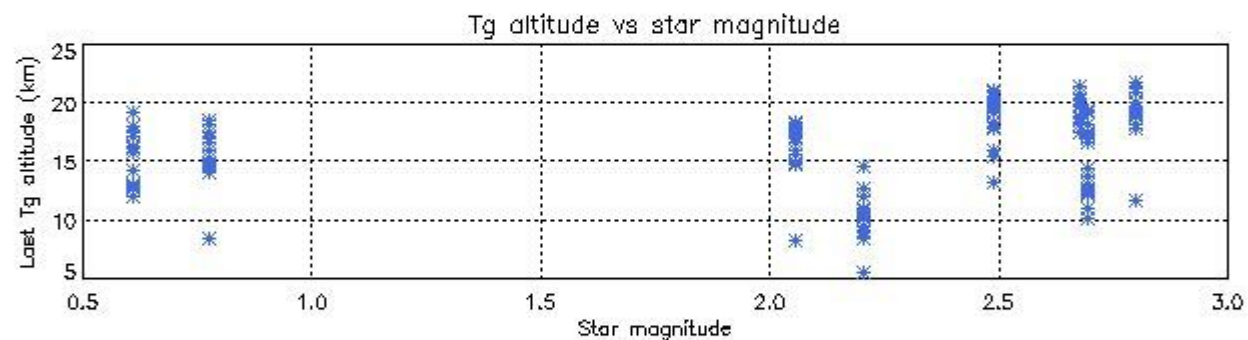
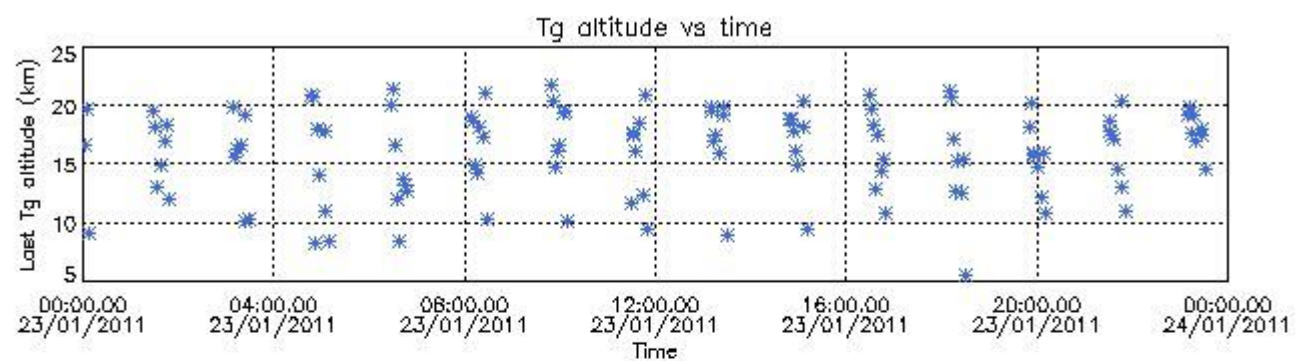
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	16.126	15.759	6.1931
St. deviation:	3.6515	7.1459	2.8921
Maximum:	21.718	30.272	12.236
Minimum:	5.4395	3.2430	3.4172
Number of data:	114.00	125.00	14.000

### 6.2 Plot for DARK limb products

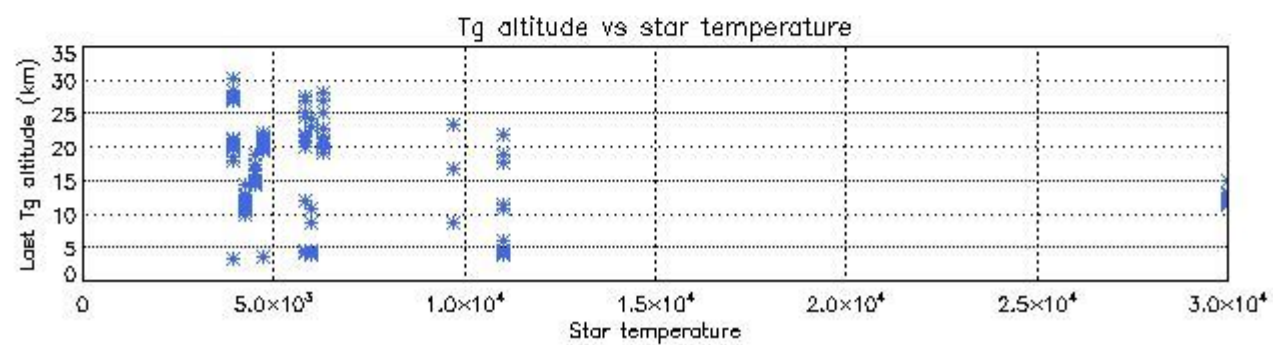
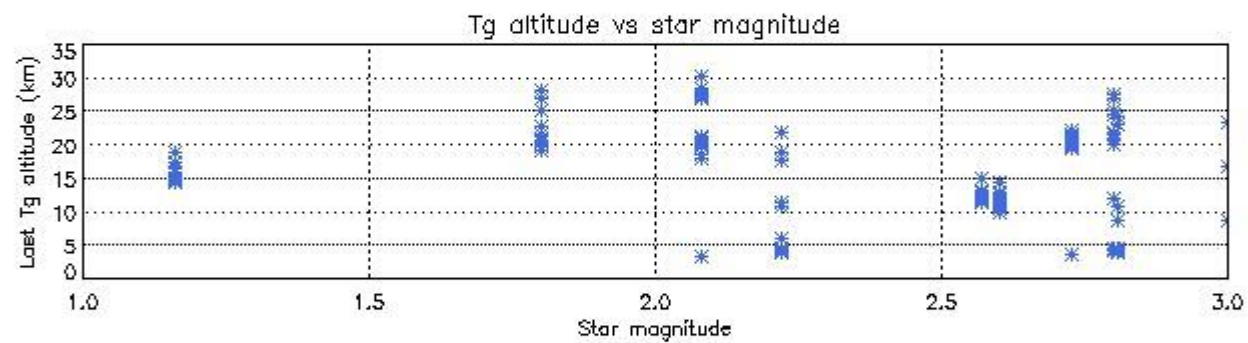
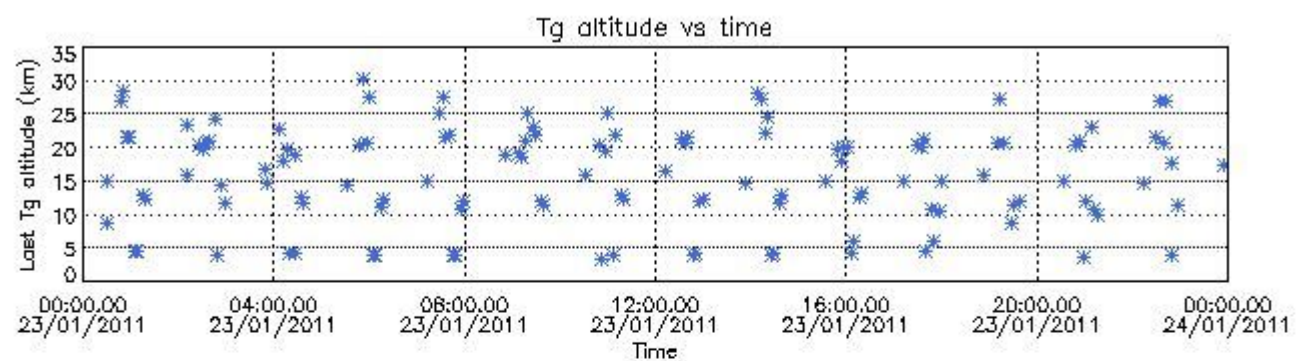


Tangent altitude at which the star is lost



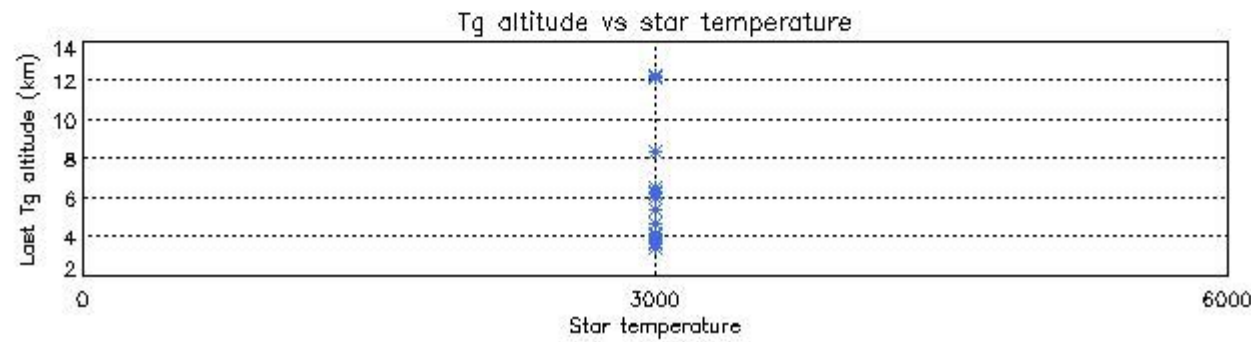
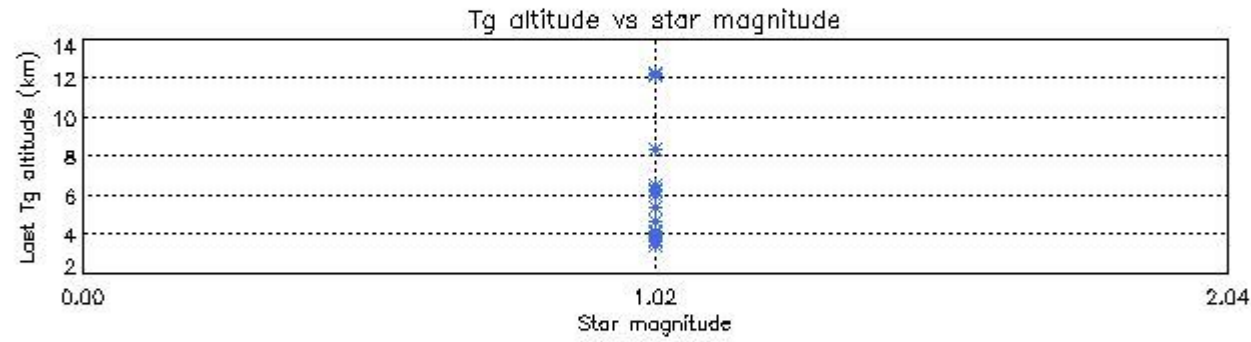
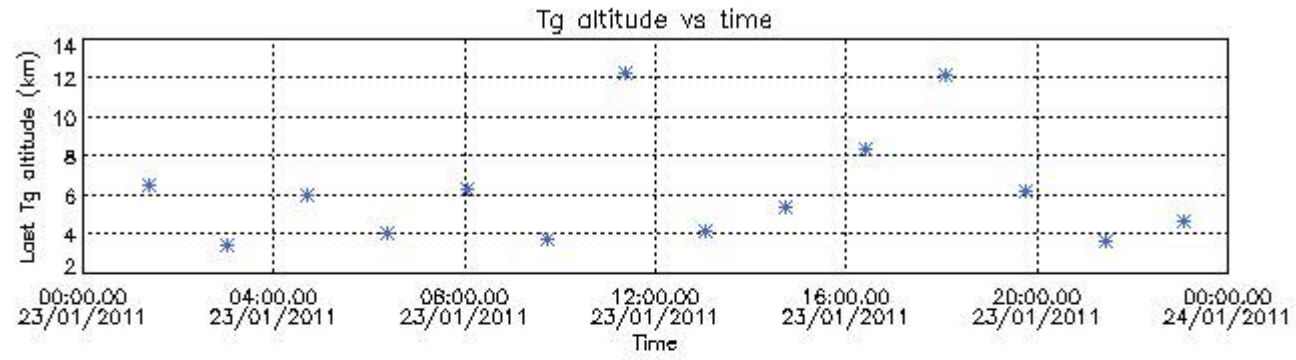
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost



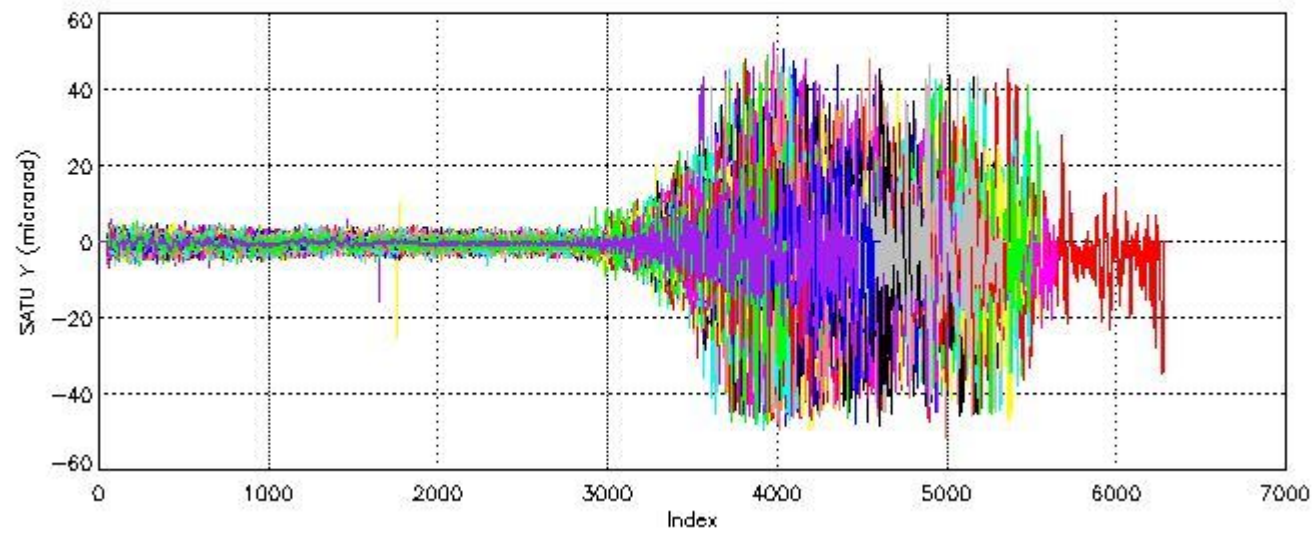
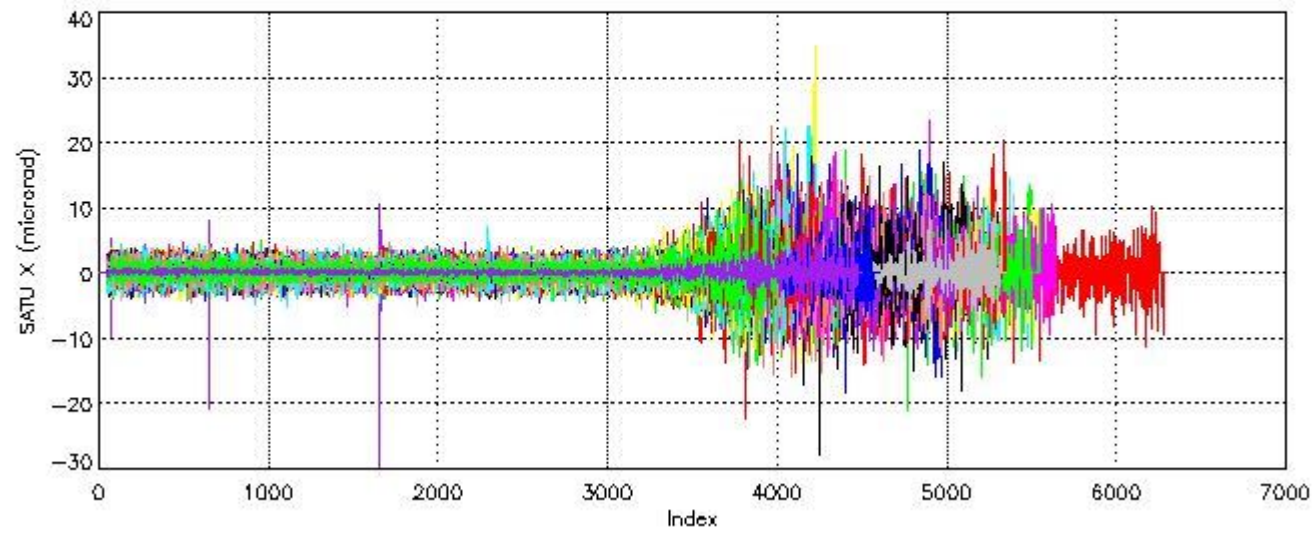
## 7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

### 7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.





## 7.2 Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere.

Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

### 7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.19286	-0.44791	0.16495	-0.35660
St. deviation:	0.60817	1.1241	0.61008	0.92493
Maximum:	8.0000	5.7000	5.8000	4.7000
Minimum:	-20.700	-6.8000	-15.500	-14.100

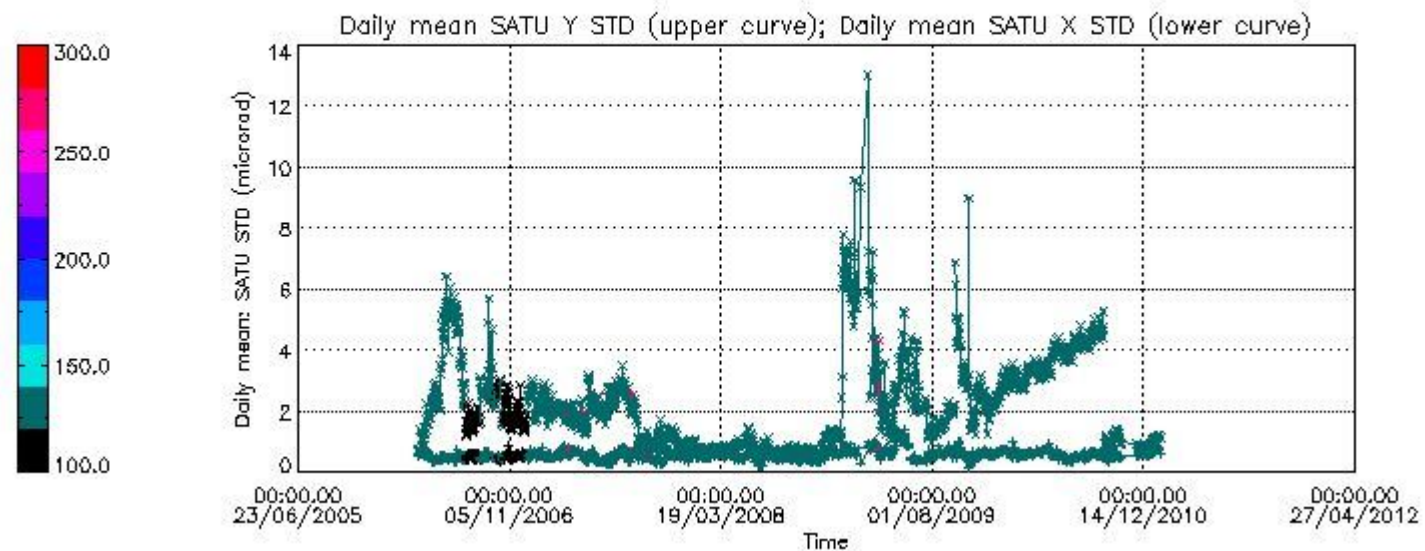
Number of data: 1.1785E+05 1.1785E+05 1.2425E+05 1.2425E+05

### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

The long term trend of the SATU 'X' and 'Y' standard deviations should be constant during the whole mission.

The colorbar represents the start tangent altitude (km) of the occultations.

Upper curve: STD of SATU Y axis  
Lower curve: STD of SATU X axis



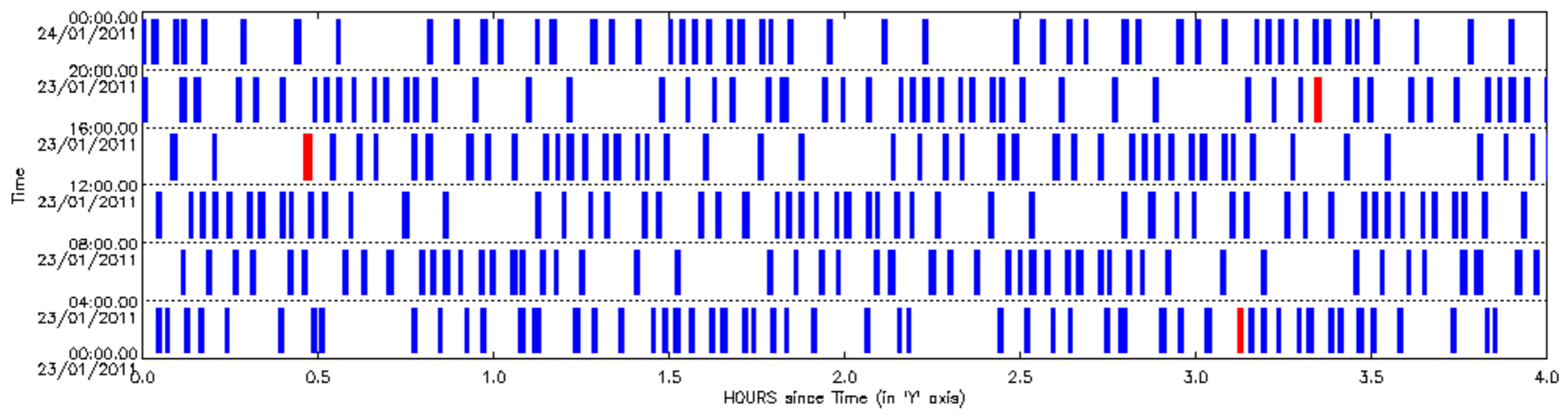
### 8. Auxiliary Data Files used for the production reported in section 2.4

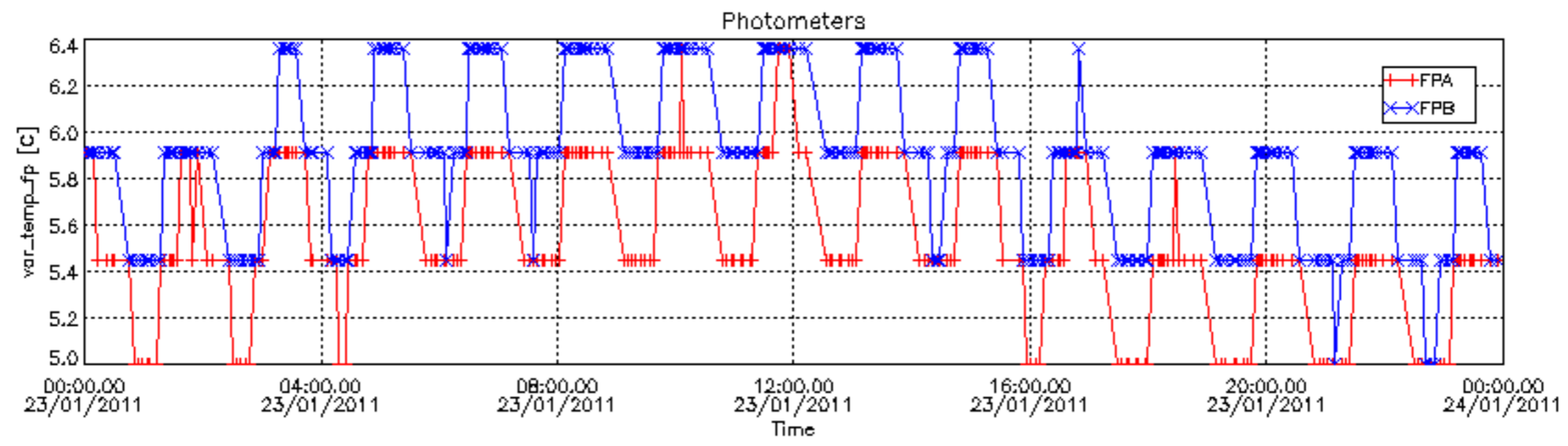
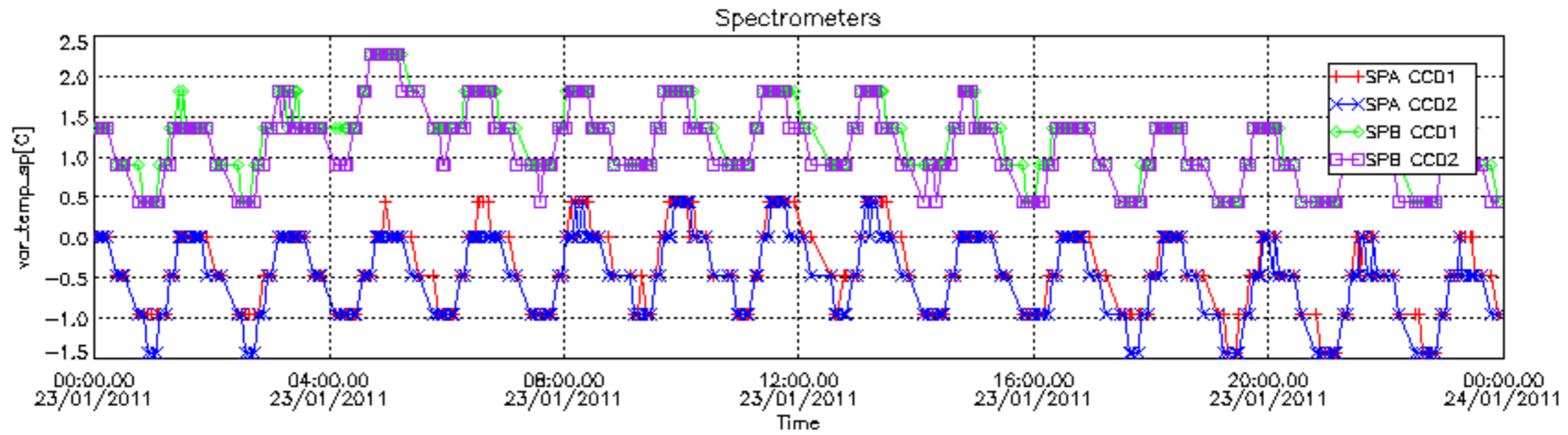
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

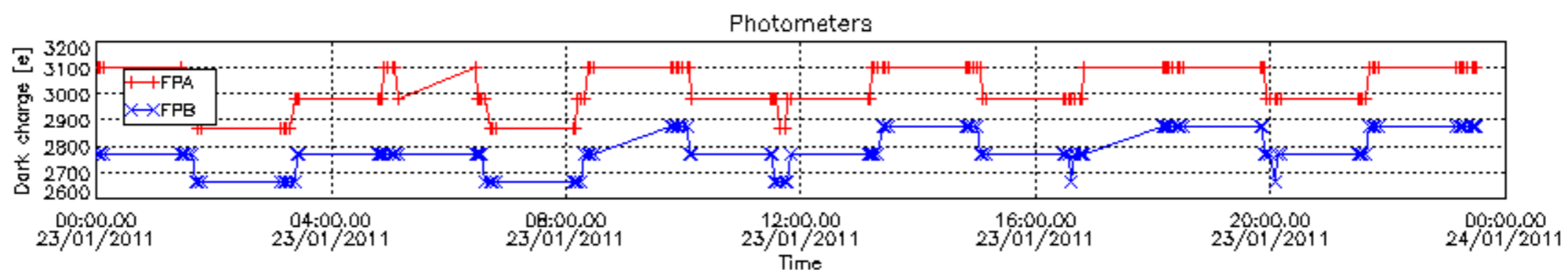
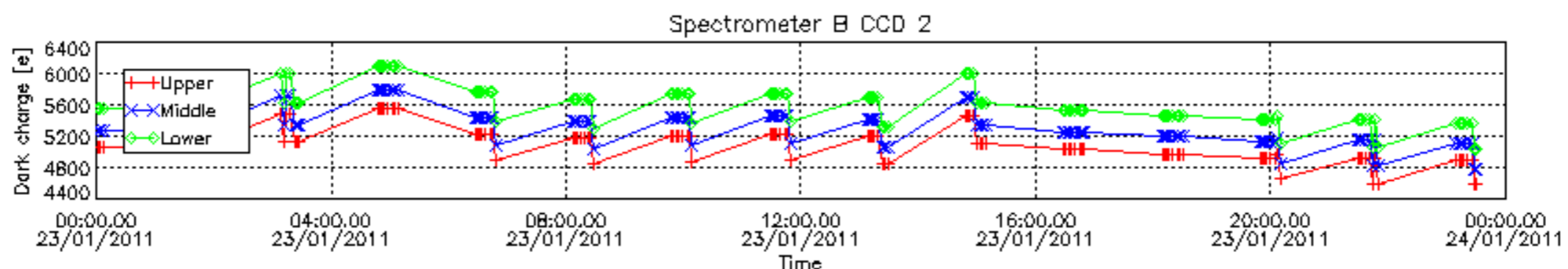
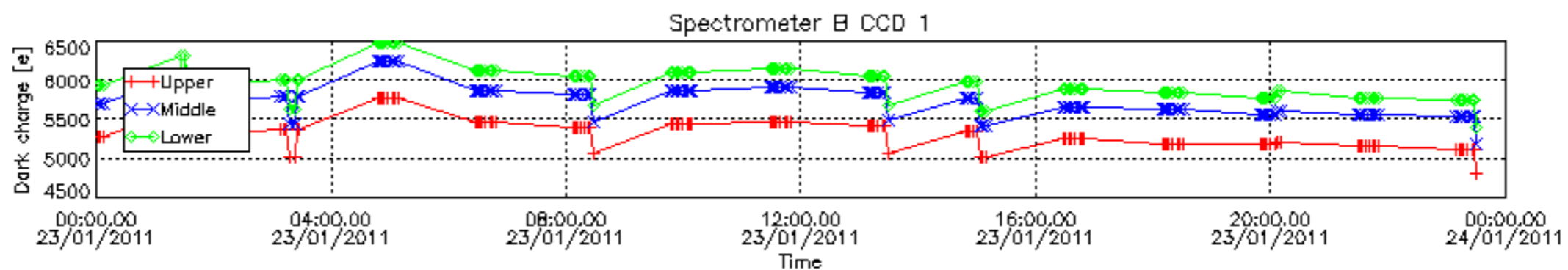
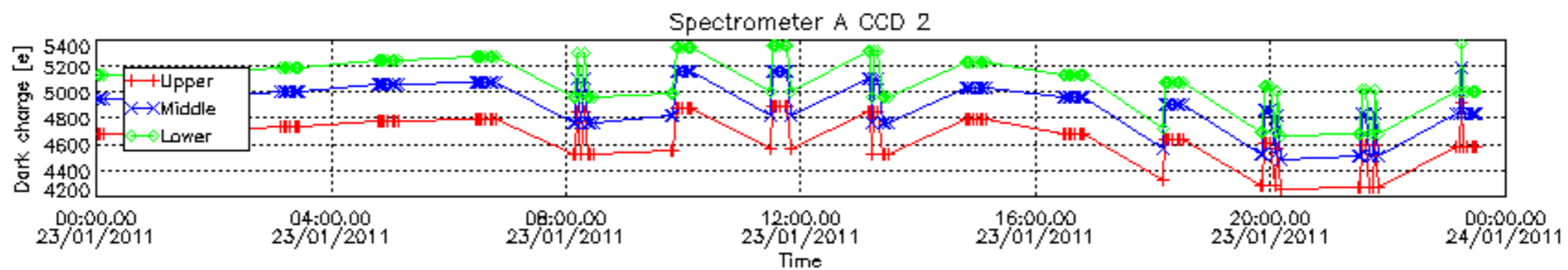
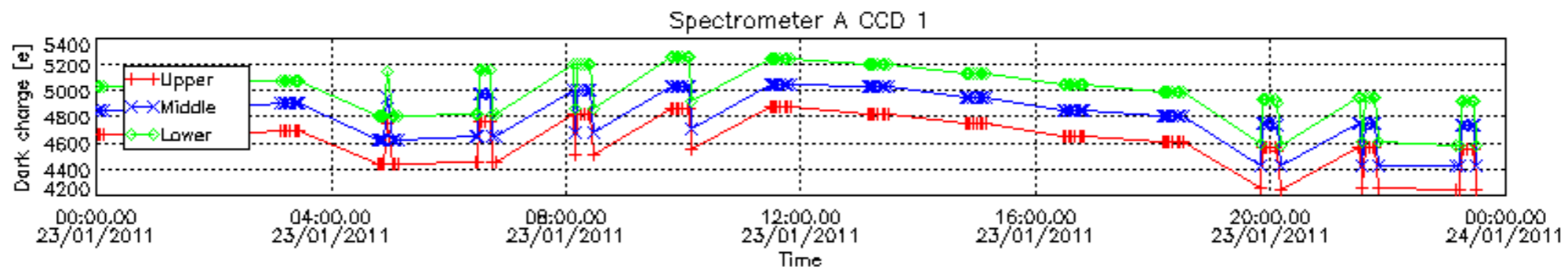
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-JAN-2011 00:02:12
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110118_083541_20110117_000000_20500101_000000	1	23-JAN-2011 00:02:12
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	23-JAN-2011 00:02:12
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	23-JAN-2011 00:02:12
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	23-JAN-2011 00:02:12
ECMWF_FILE	AUX_ECF_AXNECM20110122_052114_20110122_210000_20110123_090000	1	23-JAN-2011 00:02:12
ECMWF_FILE	AUX_ECF_AXNECM20110122_172123_20110123_030000_20110123_150000	53	23-JAN-2011 04:10:59
ECMWF_FILE	AUX_ECA_AXNECM20110123_052112_20110122_210000_20110123_090000	75	23-JAN-2011 05:55:44
ECMWF_FILE	AUX_ECF_AXNECM20110122_172123_20110123_030000_20110123_150000	113	23-JAN-2011 08:44:22
ECMWF_FILE	AUX_ECA_AXNECM20110123_172114_20110123_090000_20110123_210000	134	23-JAN-2011 10:24:36
ECMWF_FILE	AUX_ECF_AXNECM20110123_052113_20110123_150000_20110124_030000	192	23-JAN-2011 15:16:08
ECMWF_FILE	AUX_ECA_AXNECM20110123_172114_20110123_090000_20110123_210000	232	23-JAN-2011 18:36:36
ECMWF_FILE	AUX_ECF_AXNECM20110123_052113_20110123_150000_20110124_030000	249	23-JAN-2011 20:06:43
ECMWF_FILE	AUX_ECF_AXNECM20110123_052114_20110123_210000_20110124_090000	261	23-JAN-2011 21:19:45
OPTIONAL_ECMWF_FILE	MISSING	1	23-JAN-2011 00:02:12
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110122_233622_000057383098_00389_46524_2379.N1	1	23-JAN-2011 00:02:12
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110123_011719_000098823098_00390_46525_2380.N1	17	23-JAN-2011 01:21:19
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110123_040720_000057383098_00392_46527_2381.N1	53	23-JAN-2011 04:10:59
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110123_054817_000060573098_00393_46528_2382.N1	75	23-JAN-2011 05:55:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110123_073433_000031883098_00394_46529_3612.N1	96	23-JAN-2011 07:35:57

ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110123_083300_000060573098_00395_46530_3613.N1	113	23-JAN-2011 08:44:22
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110123_101357_000057383098_00396_46531_3614.N1	134	23-JAN-2011 10:24:36
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110123_115454_000057383098_00397_46532_3615.N1	154	23-JAN-2011 12:04:50
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110123_133551_000054193098_00398_46533_3616.N1	173	23-JAN-2011 13:45:04
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ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110123_165226_000054193098_00400_46535_3618.N1	212	23-JAN-2011 16:56:22
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110123_102114_20110122_184926_20110201_210318	232	23-JAN-2011 18:36:36
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110123_200342_000041443098_00402_46537_2383.N1	249	23-JAN-2011 20:06:43
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110123_211805_000057383098_00402_46537_2384.N1	261	23-JAN-2011 21:19:45
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110123_225902_000057383098_00403_46538_2385.N1	282	23-JAN-2011 23:04:29

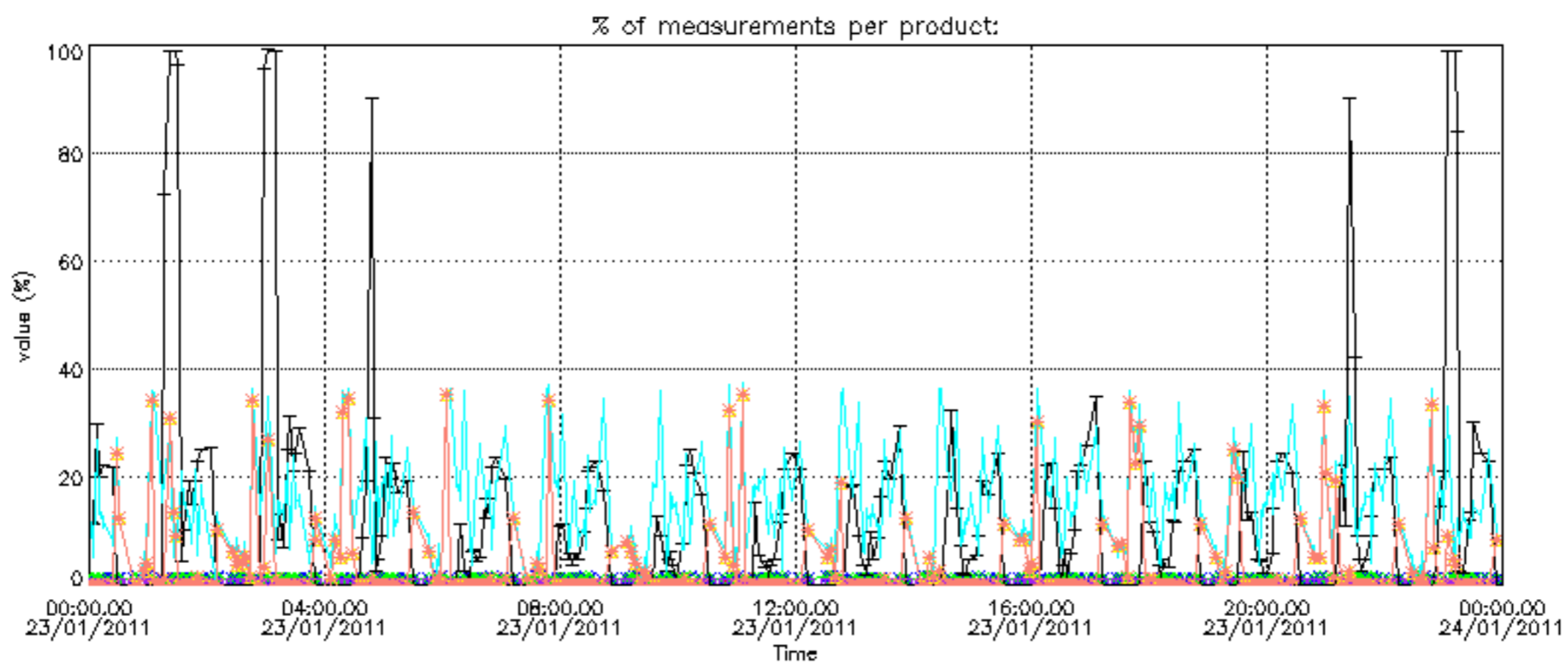




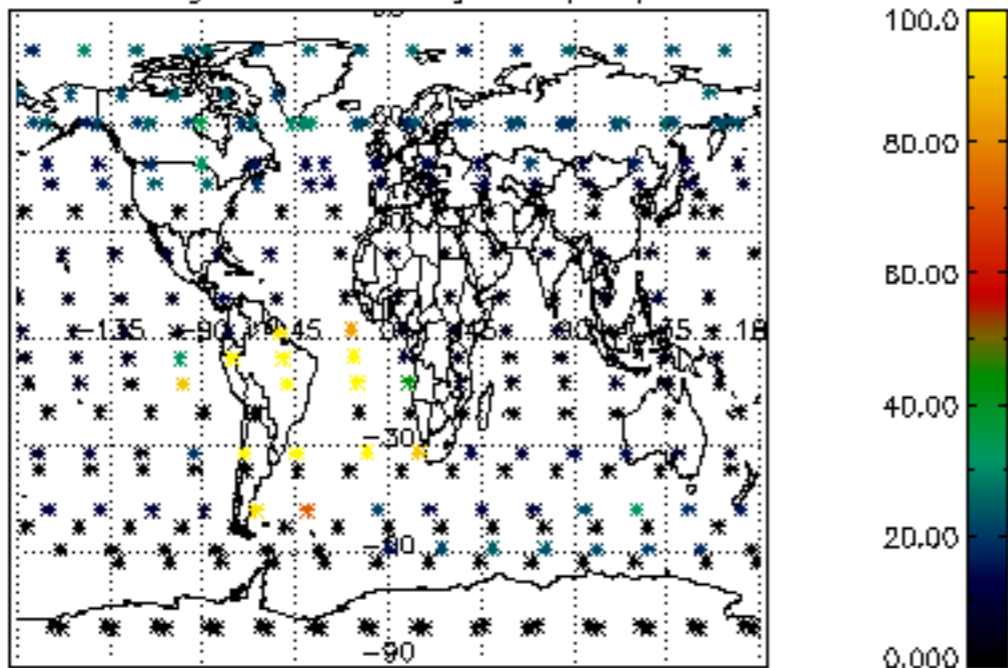




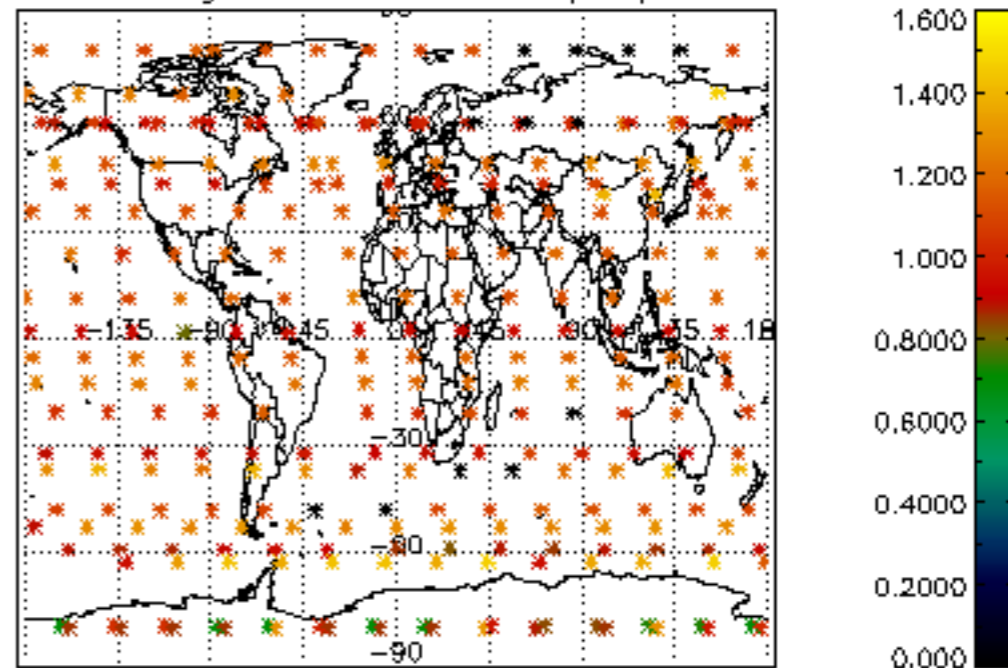




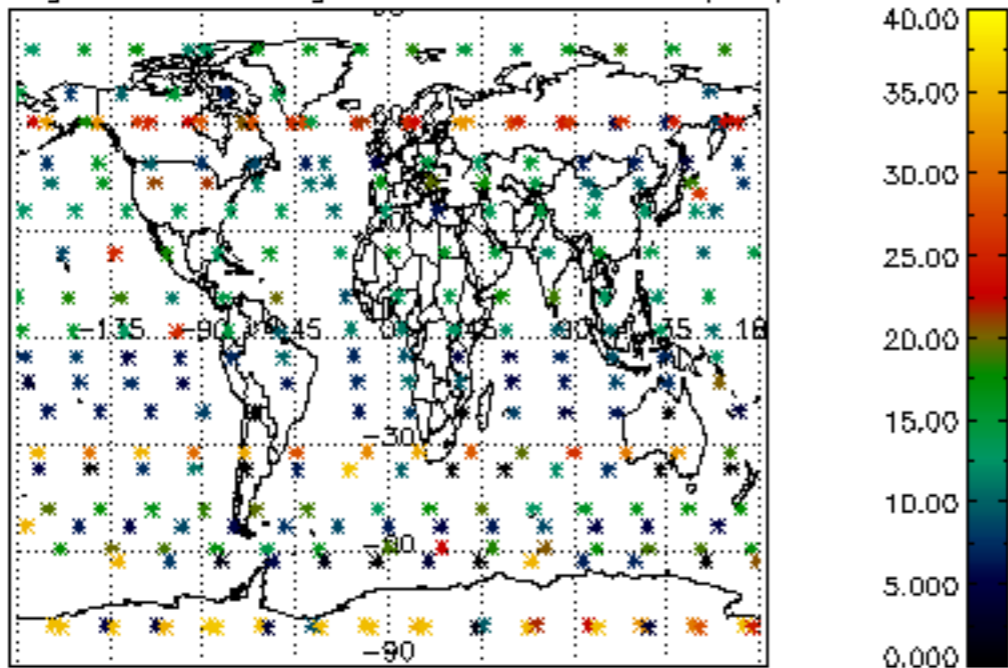
Percentage of cosmic ray hits per profile



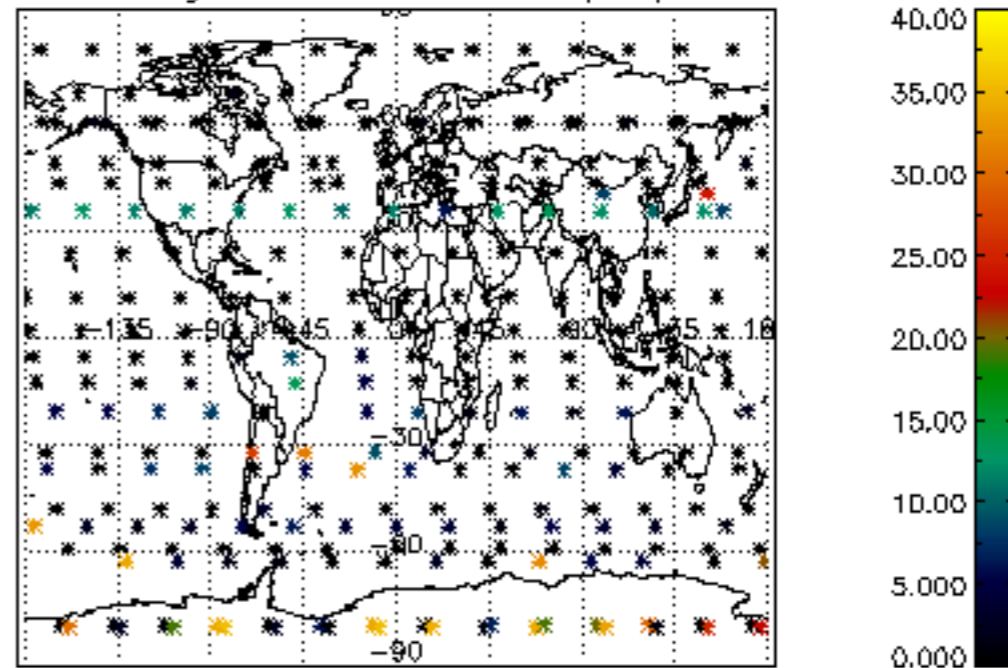
Percentage of datation errors per profile



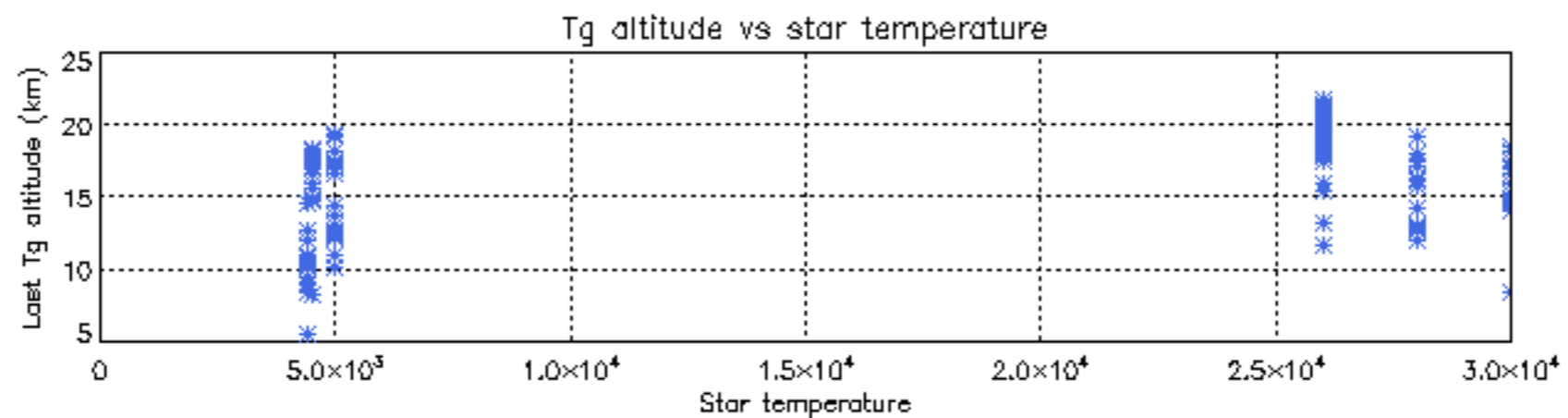
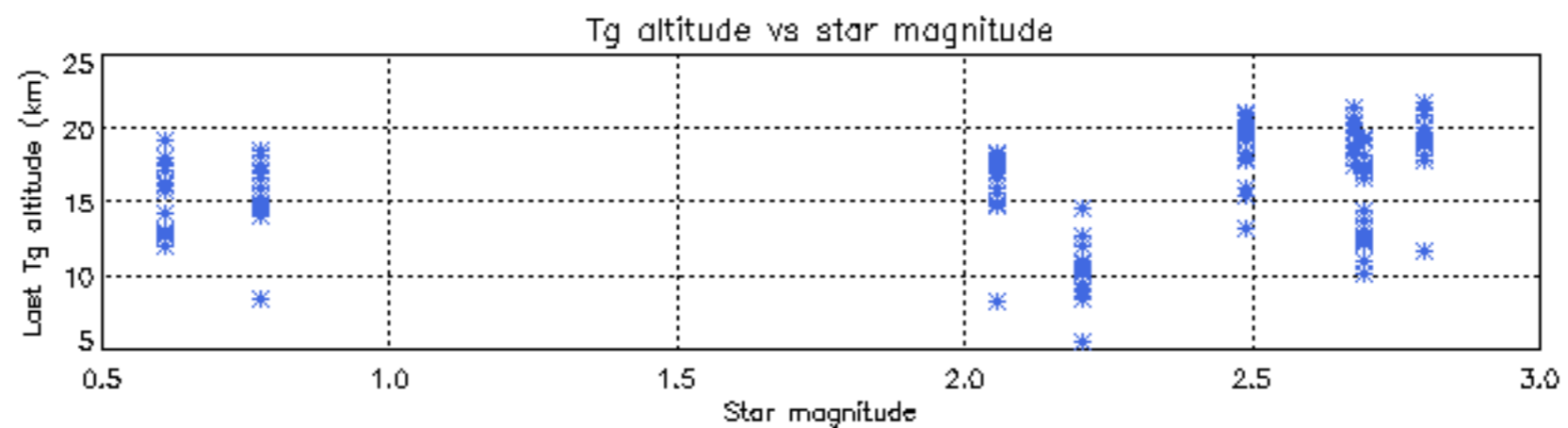
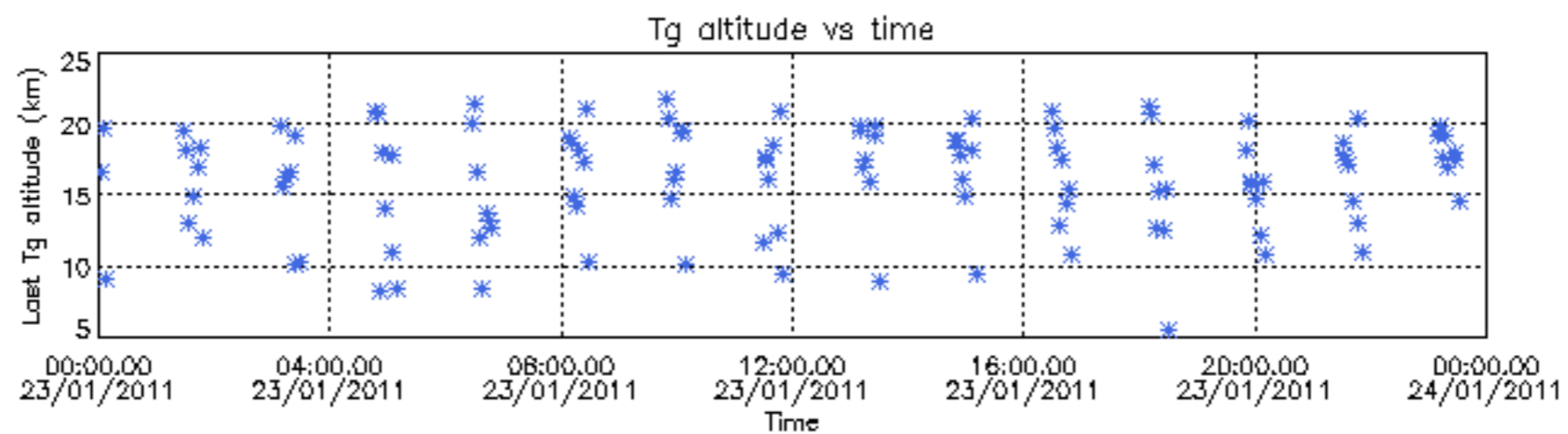
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

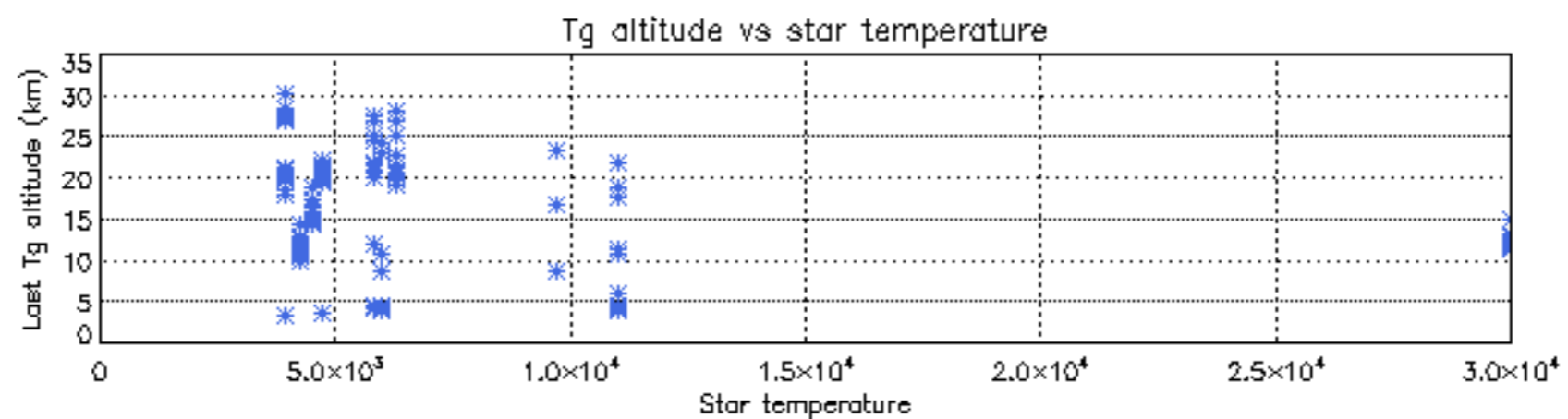
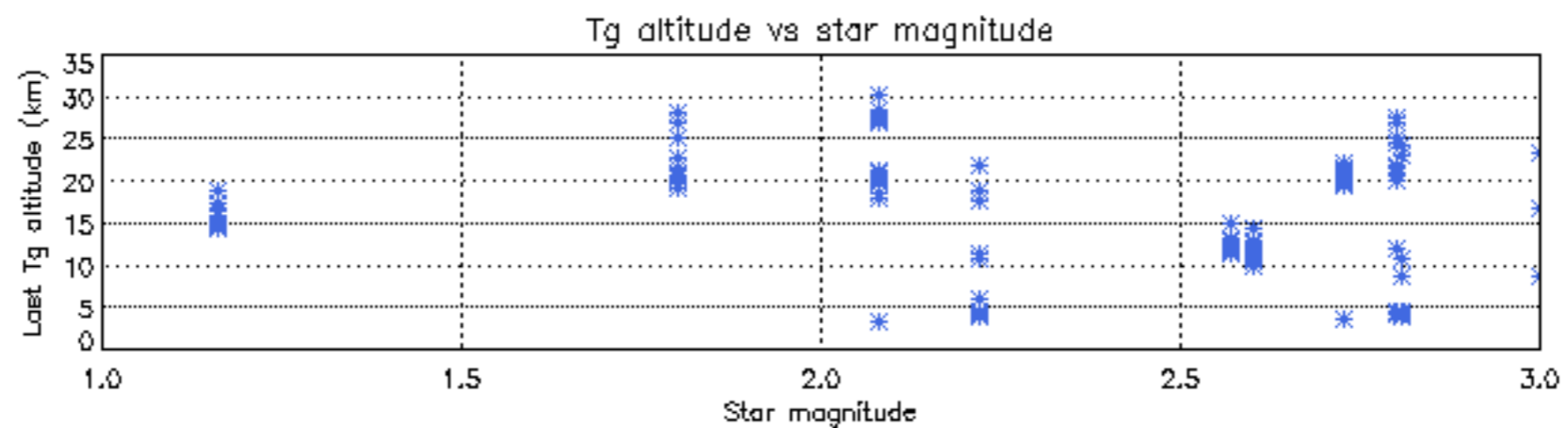
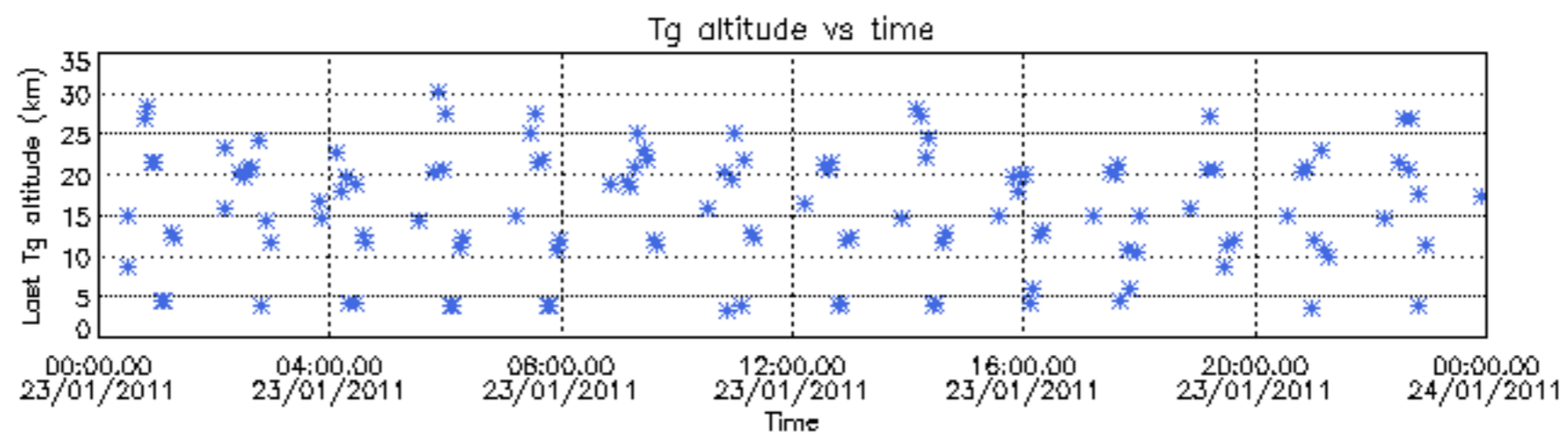


Tangent altitude at which the star is lost

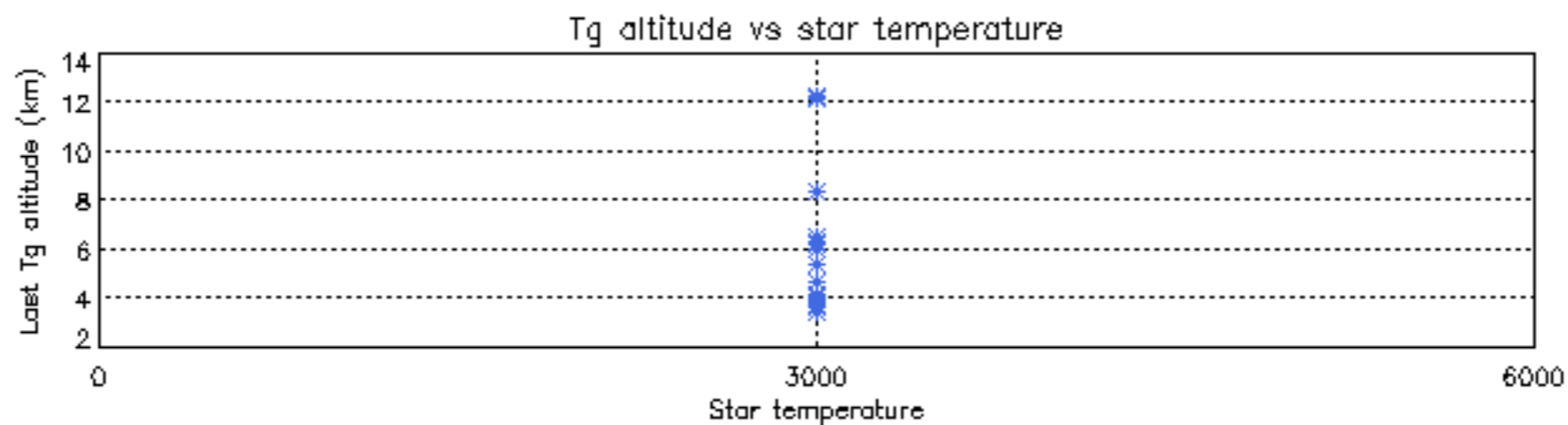
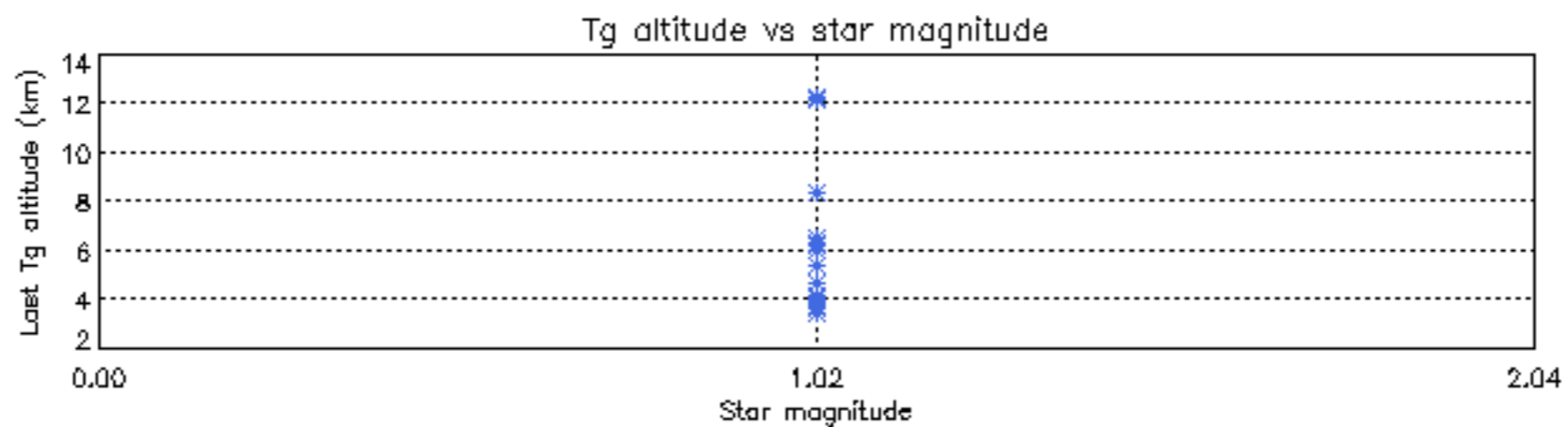
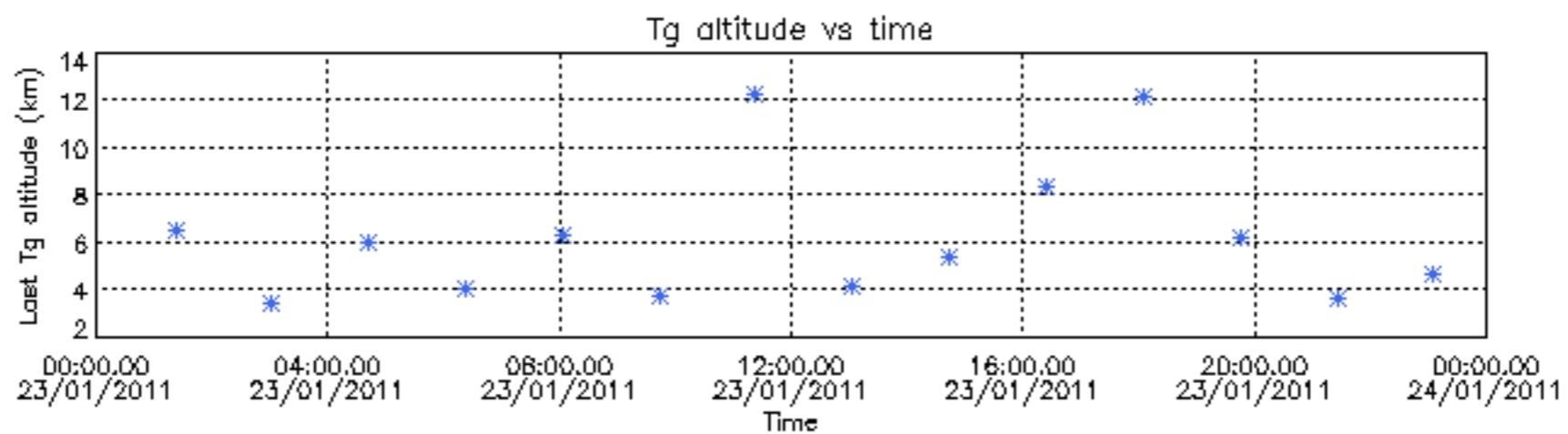


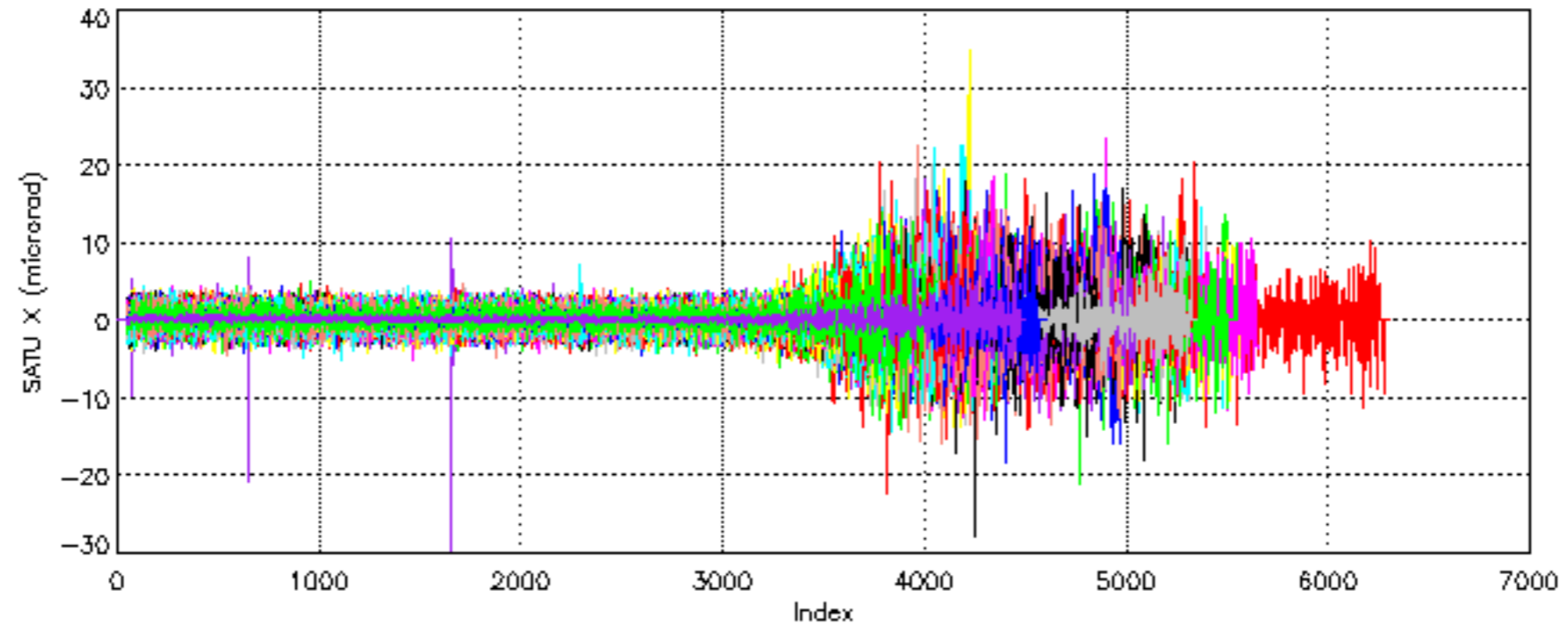


Tangent altitude at which the star is lost

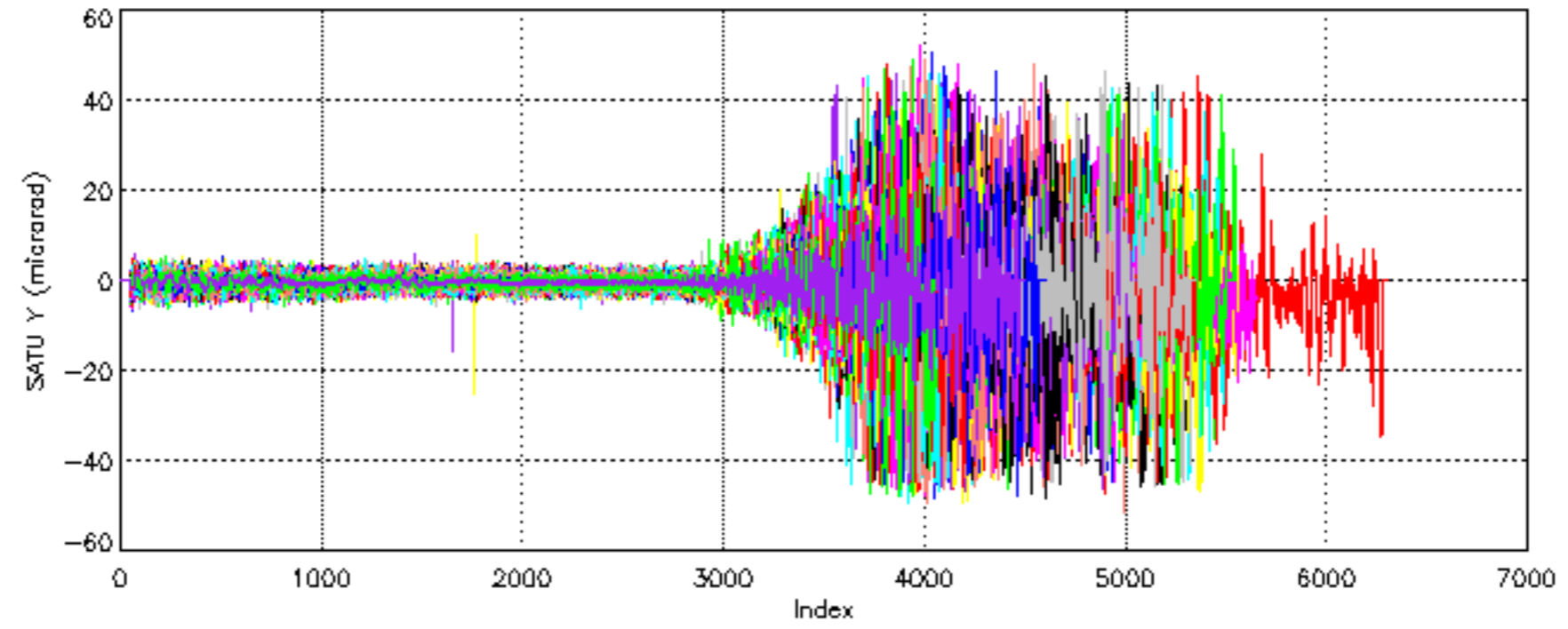


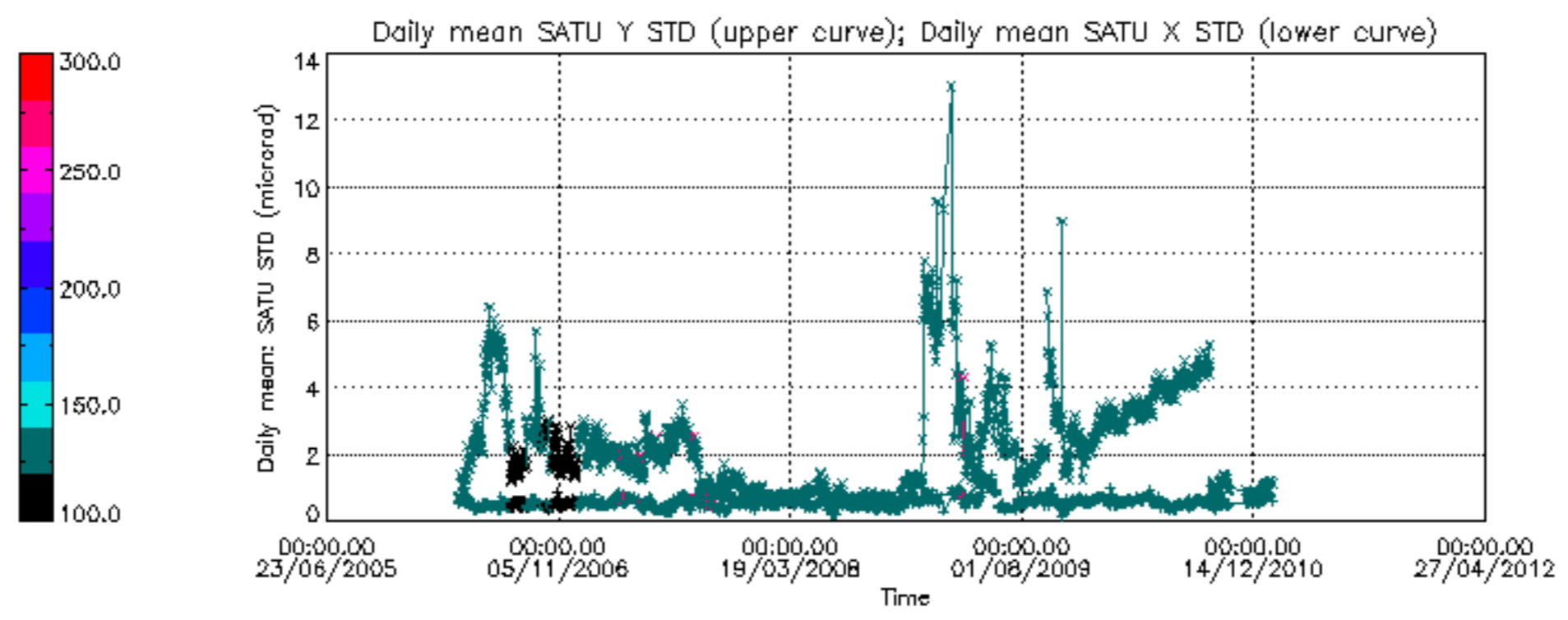
Tangent altitude at which the star is lost











/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20110101\_012508\_000094163098\_00074\_46209\_2000.N1

1;	-684.4;	01-JAN-2011	01:25:08;	Dark	;	45.0;	122;	9Alp2Lib	;	2.75;	9700;	occ;	90;	0;	46209
2;	-272.2;	01-JAN-2011	01:32:00;	Dark	;	43.0;	54;	5The Cen	;	2.06;	4500;	occ;	86;	0;	46209
3;	-3.0;	01-JAN-2011	01:36:29;	Dark	;	40.5;	77;	Eps Cen	;	2.30;	28000;	occ;	81;	0;	46210
4;	102.2;	01-JAN-2011	01:38:14;	Dark	;	45.0;	64;	Gam Cen	;	2.20;	10600;	occ;	90;	0;	46210
5;	211.5;	01-JAN-2011	01:40:04;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46210
6;	470.5;	01-JAN-2011	01:44:23;	Dark	;	48.0;	113;	Mu Vel	;	2.69;	5000;	occ;	96;	0;	46210
7;	623.9;	01-JAN-2011	01:46:56;	Dark	;	48.5;	71;	Iot Car	;	2.25;	7700;	occ;	97;	0;	46210
8;	738.0;	01-JAN-2011	01:48:50;	Dark	;	42.5;	46;	Del Vel	;	1.95;	10600;	occ;	85;	0;	46210
9;	908.3;	01-JAN-2011	01:51:41;	Dark	;	48.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	97;	0;	46210
10;	1039.2;	01-JAN-2011	01:53:52;	Dark	;	49.5;	70;	Zet Pup	;	2.25;	39000;	occ;	99;	0;	46210
11;	1163.5;	01-JAN-2011	01:55:56;	Dark	;	49.0;	117;	Pi Pup	;	2.71;	3800;	occ;	98;	0;	46210
12;	1330.9;	01-JAN-2011	01:58:43;	Dark	;	47.0;	23;	21Eps CMa	;	1.50;	26000;	occ;	94;	0;	46210
13;	1423.0;	01-JAN-2011	02:00:15;	Dark	;	45.0;	179;	240mi2CMa	;	3.03;	24000;	occ;	90;	0;	46210
14;	1570.3;	01-JAN-2011	02:02:43;	Dark	;	53.0;	1;	9Alp CMa	;	-1.44;	11000;	occ;	106;	0;	46210
15;	1719.7;	01-JAN-2011	02:05:12;	Dark	;	42.5;	56;	53Kap Ori	;	2.07;	30000;	occ;	85;	0;	46210
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21;	2677.4;	01-JAN-2011	02:21:10;	Bright;	;	40.5;	6;	13Alp Aur	;	0.08;	3400;	occ;	81;	0;	46210
22;	3671.8;	01-JAN-2011	02:37:44;	Bright;	;	55.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	110;	0;	46210
23;	3889.5;	01-JAN-2011	02:41:22;	Bright;	;	48.0;	32;	77Eps UMa	;	1.76;	11000;	occ;	96;	0;	46210
24;	4086.7;	01-JAN-2011	02:44:39;	Bright;	;	66.0;	39;	85Eta UMa	;	1.85;	24000;	occ;	132;	0;	46210
25;	4331.1;	01-JAN-2011	02:48:43;	Bright;	;	40.0;	180;	27Gam Boo	;	3.04;	8000;	occ;	80;	0;	46210
26;	4552.2;	01-JAN-2011	02:52:24;	Bright;	;	62.0;	83;		;	2.38;	11000;	occ;	124;	0;	46210
27;	4747.8;	01-JAN-2011	02:55:40;	Bright;	;	54.0;	3;	16Alp Boo	;	-0.05;	4250;	occ;	108;	0;	46210
28;	4868.3;	01-JAN-2011	02:57:41;	Bright;	;	54.0;	102;	24Alp Ser	;	2.60;	4250;	occ;	108;	0;	46210
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37;	6638.6;	01-JAN-2011	03:27:11;	Dark	;	42.5;	71;	Iot Car	;	2.25;	7700;	occ;	85;	0;	46211
38;	6752.6;	01-JAN-2011	03:29:05;	Dark	;	45.0;	46;	Del Vel	;	1.95;	10600;	occ;	90;	0;	46211
39;	6923.2;	01-JAN-2011	03:31:56;	Dark	;	46.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	93;	0;	46211
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2;	-2124.9;	01-JAN-2011	04:21:36;	Bright;	;	47.5;	32;	77Eps UMa	;	1.76;	11000;	occ;	95;	0;	46211
3;	-1927.5;	01-JAN-2011	04:24:53;	Bright;	;	45.0;	39;	85Eta UMa	;	1.85;	24000;	occ;	90;	0;	46211
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11;	-105.9;	01-JAN-2011	04:55:15;	Dark	;	41.5;	95;	Zet Cen	;	2.55;	26000;	occ;	83;	0;	46211
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14;	213.3;	01-JAN-2011	05:00:34;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46212
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16; 633.7; 02-JAN-2011 07:51:18; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;46228
17; 747.8; 02-JAN-2011 07:53:13; Dark ; 44.5; 46; Del Vel ; 1.95; 10600;occ; 89; 0;46228
18; 917.8; 02-JAN-2011 07:56:03; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;46228
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9; 3881.7; 02-JAN-2011 08:45:27; Bright; 48.0; 32; 77Eps UMa ; 1.76; 11000;occ; 96; 0;46228
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13; 4755.8; 02-JAN-2011 09:00:01; Bright; 54.5; 3; 16Alp Boo ; -0.05; 4250;occ; 109; 0;46228
14; 4873.8; 02-JAN-2011 09:01:59; Bright; 35.5; 102; 24Alp Ser ; 2.60; 4250;occ; 71; 0;46228

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12; 4556.2; 02-JAN-2011 10:36:55; Bright; 63.0; 83; ; 2.38; 11000;occ; 126; 0;46229
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25; 6932.7; 02-JAN-2011 11:16:32; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;46230
26; 7063.3; 02-JAN-2011 11:18:42; Dark ; 44.0; 70; Zet Pup ; 2.25; 39000;occ; 88; 0;46230
27; 7184.7; 02-JAN-2011 11:20:43; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;46230
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11; 4556.3; 02-JAN-2011 12:17:09; Bright; 44.5; 83; ; 2.38; 11000;occ; 89; 0;46230
12; 4756.6; 02-JAN-2011 12:20:29; Bright; 56.0; 3; 16Alp Boo ; -0.05; 4250;occ; 112; 0;46230
13; 4874.4; 02-JAN-2011 12:22:27; Bright; 47.0; 102; 24Alp Ser ; 2.60; 4250;occ; 94; 0;46230
14; 5180.6; 02-JAN-2011 12:27:33; Bright; 57.0; 104; 27Bet Lib ; 2.61; 13100;occ; 114; 0;46230
15; 5342.4; 02-JAN-2011 12:30:15; Dark ; 44.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 88; 0;46230
16; 5757.1; 02-JAN-2011 12:37:10; Dark ; 48.5; 54; 5The Cen ; 2.06; 4500;occ; 97; 0;46230
17; 5920.1; 02-JAN-2011 12:39:53; Dark ; 39.5; 95; Zet Cen ; 2.55; 26000;occ; 79; 0;46230
18; 6023.3; 02-JAN-2011 12:41:36; Dark ; 42.0; 77; Eps Cen ; 2.30; 28000;occ; 84; 0;46231
19; 6133.3; 02-JAN-2011 12:43:26; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;46231

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 23; 6763.2; 02-JAN-2011 12:53:56; Dark ; 49.5; 46; Del Vel ; 1.95; 10600;occ; 99; 0;46231  
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/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20110102\_144433\_000058623098\_00097\_46232\_3073.N1

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 28; 7185.9; 02-JAN-2011 16:21:27; Dark ; 48.5; 117; Pi Pup ; 2.71; 3800;occ; 97; 0;46233



/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20110103\_001158\_000058843098\_00102\_46237\_2012.N1

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13; 4560.1; 03-JAN-2011 16:41:11; Bright; 64.0; 83; ; 2.38; 11000;occ; 128; 0;46247  
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24; 6658.2; 03-JAN-2011 17:16:09; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46248  
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27; 7072.2; 03-JAN-2011 17:23:03; Dark ; 48.0; 70; Zet Pup ; 2.25; 39000;occ; 96; 0;46248

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 36; 6775.4; 04-JAN-2011 03:19:31; Dark ; 43.5; 46; Del Vel ; 1.95; 10600;occ; 87; 0;46254  
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11; 935.6; 04-JAN-2011 21:44:59; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;46265
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13; 1182.4; 04-JAN-2011 21:49:06; Dark ; 47.5; 117; Pi Pup ; 2.71; 3800;occ; 95; 0;46265
14; 1345.2; 04-JAN-2011 21:51:49; Dark ; 46.5; 23; 21Eps CMA ; 1.50; 26000;occ; 93; 0;46265
15; 1434.6; 04-JAN-2011 21:53:18; Dark ; 46.0; 179; 240mi2CMA ; 3.03; 24000;occ; 92; 0;46265
16; 1577.1; 04-JAN-2011 21:55:41; Dark ; 50.5; 1; 9Alp CMA ; -1.44; 11000;occ; 101; 0;46265
17; 2018.1; 04-JAN-2011 22:03:02; Dark ; 48.5; 14; 58Alp Ori ; 0.87; 3000;occ; 97; 0;46265
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19; 2297.8; 04-JAN-2011 22:07:41; Bright; 46.5; 151; 13Mu Gem ; 2.89; 3000;occ; 93; 0;46265
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22; 3665.6; 04-JAN-2011 22:30:29; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;46265
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27; 7357.6; 04-JAN-2011 10:10:09; Dark ; 45.5; 23; 21Eps CMA ; 1.50; 26000;occ; 91; 0;46258  
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/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20110104\_101402\_000060633098\_00123\_46258\_3089.N1

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6; 2674.1; 04-JAN-2011 10:32:20; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46258  
7; 3666.6; 04-JAN-2011 10:48:52; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;46258  
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17; 6039.8; 04-JAN-2011 11:28:25; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;46259  
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23; 6946.9; 04-JAN-2011 11:43:32; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;46259  
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26; 7357.8; 04-JAN-2011 11:50:23; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;46259  
27; 7447.8; 04-JAN-2011 11:51:53; Dark ; 42.0; 179; 24Omi2CMA ; 3.03; 24000;occ; 84; 0;46259  
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/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20110104\_115427\_000059013098\_00124\_46259\_3090.N1

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9; 4075.4; 04-JAN-2011 12:35:55; Bright; 47.0; 39; 85Eta UMa ; 1.85; 24000;occ; 94; 0;46259  
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 22; 6664.9; 04-JAN-2011 14:59:18; Dark ; 43.0; 71; Iot Car ; 2.25; 7700;occ; 86; 0;46261  
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/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20110104\_164823\_000059403098\_00127\_46262\_3093.N1

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 14; 4563.4; 04-JAN-2011 17:44:45; Bright; 65.0; 83; ; 2.38; 11000;occ; 130; 0;46262  
 15; 4885.0; 04-JAN-2011 17:50:06; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;46262  
 16; 5196.5; 04-JAN-2011 17:55:18; Bright; 57.0; 104; 27Bet Lib ; 2.61; 13100;occ; 114; 0;46262  
 17; 5363.3; 04-JAN-2011 17:58:05; Dark ; 46.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 93; 0;46262  
 18; 5781.8; 04-JAN-2011 18:05:03; Dark ; 46.0; 54; 5The Cen ; 2.06; 4500;occ; 92; 0;46262  
 19; 5940.9; 04-JAN-2011 18:07:42; Dark ; 40.0; 95; Zet Cen ; 2.55; 26000;occ; 80; 0;46262  
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 21; 6160.1; 04-JAN-2011 18:11:21; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;46263  
 22; 6275.0; 04-JAN-2011 18:13:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46263

```

23; 6531.1; 04-JAN-2011 18:17:33; Dark ; 48.5; 113; Mu Vel ; 2.69; 5000;occ; 97; 0;46263
24; 6666.2; 04-JAN-2011 18:19:48; Dark ; 45.0; 71; Iot Car ; 2.25; 7700;occ; 90; 0;46263
25; 6779.9; 04-JAN-2011 18:21:41; Dark ; 45.5; 46; Del Vel ; 1.95; 10600;occ; 91; 0;46263
26; 6948.9; 04-JAN-2011 18:24:30; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;46263
27; 7079.3; 04-JAN-2011 18:26:41; Dark ; 43.0; 70; Zet Pup ; 2.25; 39000;occ; 86; 0;46263
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 9; 2540.2; 04-JAN-2011 18:51:16; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;46263
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12; 3931.3; 04-JAN-2011 19:14:27; Bright; 63.0; 55; 79Zet UMa ; 2.06; 10200;occ; 126; 0;46263
13; 4074.5; 04-JAN-2011 19:16:50; Bright; 49.0; 39; 85Eta UMa ; 1.85; 24000;occ; 98; 0;46263
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15; 4563.6; 04-JAN-2011 19:24:59; Bright; 45.0; 83; ; 2.38; 11000;occ; 90; 0;46263
16; 4885.2; 04-JAN-2011 19:30:21; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;46263
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18; 5364.0; 04-JAN-2011 19:38:20; Dark ; 46.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 93; 0;46263
19; 5782.6; 04-JAN-2011 19:45:18; Dark ; 48.5; 54; 5The Cen ; 2.06; 4500;occ; 97; 0;46263
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22; 6160.9; 04-JAN-2011 19:51:36; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;46264
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25; 6666.6; 04-JAN-2011 20:00:02; Dark ; 45.0; 71; Iot Car ; 2.25; 7700;occ; 90; 0;46264
26; 6780.4; 04-JAN-2011 20:01:56; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;46264
27; 6949.2; 04-JAN-2011 20:04:45; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;46264
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 7; 520.4; 05-JAN-2011 00:58:32; Dark ; 48.5; 113; Mu Vel ; 2.69; 5000;occ; 97; 0;46267
 8; 654.0; 05-JAN-2011 01:00:45; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;46267
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10; 936.3; 05-JAN-2011 01:05:28; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;46267
11; 1066.8; 05-JAN-2011 01:07:38; Dark ; 47.5; 70; Zet Pup ; 2.25; 39000;occ; 95; 0;46267
12; 1183.2; 05-JAN-2011 01:09:35; Dark ; 47.5; 117; Pi Pup ; 2.71; 3800;occ; 95; 0;46267
13; 1345.6; 05-JAN-2011 01:12:17; Dark ; 44.0; 23; 21Eps CMa ; 1.50; 26000;occ; 88; 0;46267
14; 1435.2; 05-JAN-2011 01:13:47; Dark ; 42.5; 179; 240mi2CMa ; 3.03; 24000;occ; 85; 0;46267
15; 1577.5; 05-JAN-2011 01:16:09; Dark ; 46.5; 1; 9Alp CMa ; -1.44; 11000;occ; 93; 0;46267
16; 2017.9; 05-JAN-2011 01:23:29; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;46267
17; 2197.7; 05-JAN-2011 01:26:29; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;46267
18; 2297.3; 05-JAN-2011 01:28:09; Bright; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;46267
19; 2539.5; 05-JAN-2011 01:32:11; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;46267
20; 2672.4; 05-JAN-2011 01:34:24; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46267
21; 3665.3; 05-JAN-2011 01:50:57; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;46267
22; 3929.6; 05-JAN-2011 01:55:21; Bright; 47.5; 55; 79Zet UMa ; 2.06; 10200;occ; 95; 0;46267
23; 4073.5; 05-JAN-2011 01:57:45; Bright; 45.5; 39; 85Eta UMa ; 1.85; 24000;occ; 91; 0;46267
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 4; -69.9; 05-JAN-2011 02:28:56; Dark ; 42.5; 95; Zet Cen ; 2.55; 26000;occ; 85; 0;46267
 5; 31.1; 05-JAN-2011 02:30:37; Dark ; 39.5; 77; Eps Cen ; 2.30; 28000;occ; 79; 0;46268
 6; 150.2; 05-JAN-2011 02:32:36; Dark ; 47.0; 64; Gam Cen ; 2.20; 10600;occ; 94; 0;46268
 7; 265.6; 05-JAN-2011 02:34:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46268

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8; 521.5; 05-JAN-2011 02:38:47; Dark ; 57.0; 113; Mu Vel ; 2.69; 5000;occ; 114; 0;46268
9; 654.4; 05-JAN-2011 02:41:00; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;46268
10; 768.4; 05-JAN-2011 02:42:54; Dark ; 41.5; 46; Del Vel ; 1.95; 10600;occ; 83; 0;46268
11; 937.1; 05-JAN-2011 02:45:43; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;46268
12; 1067.5; 05-JAN-2011 02:47:53; Dark ; 45.0; 70; Zet Pup ; 2.25; 39000;occ; 90; 0;46268
13; 1183.7; 05-JAN-2011 02:49:49; Dark ; 49.0; 117; Pi Pup ; 2.71; 3800;occ; 98; 0;46268
14; 1346.0; 05-JAN-2011 02:52:31; Dark ; 43.5; 23; 21Eps CMA ; 1.50; 26000;occ; 87; 0;46268
15; 1435.5; 05-JAN-2011 02:54:01; Dark ; 45.5; 179; 240mi2CMA ; 3.03; 24000;occ; 91; 0;46268
16; 1577.5; 05-JAN-2011 02:56:23; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;46268
17; 2018.0; 05-JAN-2011 03:03:43; Dark ; 52.5; 14; 58Alp Ori ; 0.87; 3000;occ; 105; 0;46268
18; 2197.8; 05-JAN-2011 03:06:43; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;46268
19; 2297.2; 05-JAN-2011 03:08:23; Bright; 54.0; 151; 13Mu Gem ; 2.89; 3000;occ; 108; 0;46268
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3; -1940.7; 05-JAN-2011 03:37:59; Bright; 59.0; 39; 85Eta UMa ; 1.85; 24000;occ; 118; 0;46268
4; -1681.7; 05-JAN-2011 03:42:18; Bright; 66.0; 180; 27Gam Boo ; 3.04; 8000;occ; 132; 0;46268
5; -1449.4; 05-JAN-2011 03:46:10; Bright; 66.0; 83; ; 2.38; 11000;occ; 132; 0;46268
6; -1127.2; 05-JAN-2011 03:51:32; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;46268
7; -814.4; 05-JAN-2011 03:56:45; Bright; 45.5; 104; 27Bet Lib ; 2.61; 13100;occ; 91; 0;46268
8; -646.8; 05-JAN-2011 03:59:33; Dark ; 44.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 88; 0;46268
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10; 31.9; 05-JAN-2011 04:10:51; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;46269
11; 151.2; 05-JAN-2011 04:12:51; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;46269
12; 266.5; 05-JAN-2011 04:14:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46269
13; 522.4; 05-JAN-2011 04:19:02; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;46269
14; 655.1; 05-JAN-2011 04:21:15; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46269
15; 769.1; 05-JAN-2011 04:23:09; Dark ; 46.0; 46; Del Vel ; 1.95; 10600;occ; 92; 0;46269
16; 937.6; 05-JAN-2011 04:25:57; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;46269
17; 1068.1; 05-JAN-2011 04:28:08; Dark ; 44.5; 70; Zet Pup ; 2.25; 39000;occ; 89; 0;46269
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23; 2197.8; 05-JAN-2011 04:46:57; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;46269
24; 2296.9; 05-JAN-2011 04:48:36; Bright; 57.5; 151; 13Mu Gem ; 2.89; 3000;occ; 115; 0;46269
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26; 2672.1; 05-JAN-2011 04:54:52; Bright; 38.0; 42; 34Bet Aur ; 1.90; 10200;occ; 76; 0;46269
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3; -1941.1; 05-JAN-2011 05:18:13; Bright; 69.0; 39; 85Eta UMa ; 1.85; 24000;occ; 138; 0;46269
4; -1681.6; 05-JAN-2011 05:22:32; Bright; 66.0; 180; 27Gam Boo ; 3.04; 8000;occ; 132; 0;46269
5; -1449.2; 05-JAN-2011 05:26:24; Bright; 60.5; 83; ; 2.38; 11000;occ; 121; 0;46269
6; -1126.8; 05-JAN-2011 05:31:47; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;46269
7; -813.8; 05-JAN-2011 05:37:00; Bright; 40.5; 104; 27Bet Lib ; 2.61; 13100;occ; 81; 0;46269
8; -645.9; 05-JAN-2011 05:39:48; Dark ; 47.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 94; 0;46269
9; -226.4; 05-JAN-2011 05:46:47; Dark ; 46.0; 54; 5The Cen ; 2.06; 4500;occ; 92; 0;46269
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12; 152.0; 05-JAN-2011 05:53:06; Dark ; 45.0; 64; Gam Cen ; 2.20; 10600;occ; 90; 0;46270
13; 267.4; 05-JAN-2011 05:55:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46270
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16; 769.5; 05-JAN-2011 06:03:23; Dark ; 43.0; 46; Del Vel ; 1.95; 10600;occ; 86; 0;46270
17; 938.2; 05-JAN-2011 06:06:12; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;46270
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23; 2018.4; 05-JAN-2011 06:24:12; Dark ; 51.0; 14; 58Alp Ori ; 0.87; 3000;occ; 102; 0;46270
24; 2197.3; 05-JAN-2011 06:27:11; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;46270
25; 2296.9; 05-JAN-2011 06:28:51; Bright; 48.5; 151; 13Mu Gem ; 2.89; 3000;occ; 97; 0;46270

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27; 2671.8; 05-JAN-2011 06:35:05; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;46270
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2; 1187.3; 05-JAN-2011 21:12:27; Dark ; 46.5; 117; Pi Pup ; 2.71; 3800;occ; 93; 0;46279
3; 1348.9; 05-JAN-2011 21:15:09; Dark ; 45.5; 23; 21Eps CMa ; 1.50; 26000;occ; 91; 0;46279
4; 1438.1; 05-JAN-2011 21:16:38; Dark ; 42.0; 179; 240mi2CMa ; 3.03; 24000;occ; 84; 0;46279
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 13; 534.4; 06-JAN-2011 03:42:30; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;46283  
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 25; 7204.9; 06-JAN-2011 13:54:51; Dark ; 45.5; 117; Pi Pup ; 2.71; 3800;occ; 91; 0;46289  
 26; 7365.4; 06-JAN-2011 13:57:31; Dark ; 44.5; 23; 21Eps CMA ; 1.50; 26000;occ; 89; 0;46289  
 27; 7454.2; 06-JAN-2011 13:59:00; Dark ; 41.0; 179; 24Omi2CMA ; 3.03; 24000;occ; 82; 0;46289

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20110106\_135927\_000059323098\_00154\_46289\_3109.N1

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 2; 1580.6; 06-JAN-2011 14:01:20; Dark ; 48.0; 1; 9Alp CMA ; -1.44; 11000;occ; 96; 0;46289  
 3; 2018.7; 06-JAN-2011 14:08:39; Dark ; 48.5; 14; 58Alp Ori ; 0.87; 3000;occ; 97; 0;46289  
 4; 2193.1; 06-JAN-2011 14:11:33; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;46289  
 5; 2293.0; 06-JAN-2011 14:13:13; Bright; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;46289  
 6; 2536.2; 06-JAN-2011 14:17:16; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46289  
 7; 2668.7; 06-JAN-2011 14:19:28; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46289  
 8; 3662.9; 06-JAN-2011 14:36:03; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;46289  
 9; 3904.9; 06-JAN-2011 14:40:05; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;46289  
 10; 4067.8; 06-JAN-2011 14:42:48; Bright; 49.0; 39; 85Eta UMa ; 1.85; 24000;occ; 98; 0;46289  
 11; 4332.7; 06-JAN-2011 14:47:12; Bright; 49.0; 180; 27Gam Boo ; 3.04; 8000;occ; 98; 0;46289  
 12; 4569.6; 06-JAN-2011 14:51:09; Bright; 46.5; 83; ; 2.38; 11000;occ; 93; 0;46289  
 13; 4894.4; 06-JAN-2011 14:56:34; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;46289  
 14; 5211.3; 06-JAN-2011 15:01:51; Dark ; 45.0; 104; 27Bet Lib ; 2.61; 13100;occ; 90; 0;46289  
 15; 5382.3; 06-JAN-2011 15:04:42; Dark ; 45.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 91; 0;46289  
 16; 5803.9; 06-JAN-2011 15:11:44; Dark ; 53.5; 54; 5The Cen ; 2.06; 4500;occ; 107; 0;46289  
 17; 5959.3; 06-JAN-2011 15:14:19; Dark ; 41.0; 95; Zet Cen ; 2.55; 26000;occ; 82; 0;46289  
 18; 6058.8; 06-JAN-2011 15:15:59; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;46290  
 19; 6221.1; 06-JAN-2011 15:18:41; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;46290  
 20; 6300.3; 06-JAN-2011 15:20:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46290  
 21; 6554.4; 06-JAN-2011 15:24:14; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;46290  
 22; 6679.8; 06-JAN-2011 15:26:20; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46290  
 23; 6793.5; 06-JAN-2011 15:28:13; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;46290  
 24; 6961.4; 06-JAN-2011 15:31:01; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;46290  
 25; 7091.3; 06-JAN-2011 15:33:11; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;46290  
 26; 7204.9; 06-JAN-2011 15:35:05; Dark ; 45.5; 117; Pi Pup ; 2.71; 3800;occ; 91; 0;46290  
 27; 7365.5; 06-JAN-2011 15:37:45; Dark ; 34.5; 23; 21Eps CMA ; 1.50; 26000;occ; 69; 0;46290

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20110106\_153747\_000057823098\_00155\_46290\_3110.N1

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 3; 1580.6; 06-JAN-2011 15:41:34; Dark ; 57.0; 1; 9Alp CMA ; -1.44; 11000;occ; 114; 0;46290  
 4; 2018.4; 06-JAN-2011 15:48:52; Dark ; 47.5; 14; 58Alp Ori ; 0.87; 3000;occ; 95; 0;46290  
 5; 2192.8; 06-JAN-2011 15:51:47; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;46290  
 6; 2292.8; 06-JAN-2011 15:53:27; Bright; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;46290  
 7; 2535.8; 06-JAN-2011 15:57:30; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46290  
 8; 2668.4; 06-JAN-2011 15:59:42; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46290  
 9; 3662.8; 06-JAN-2011 16:16:17; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;46290  
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 11; 4067.4; 06-JAN-2011 16:23:01; Bright; 45.0; 39; 85Eta UMa ; 1.85; 24000;occ; 90; 0;46290



```

12; 4332.6; 06-JAN-2011 16:27:26; Bright; 67.0; 180; 27Gam Boo ; 3.04; 8000;occ; 134; 0;46290
13; 4569.8; 06-JAN-2011 16:31:24; Bright; 67.0; 83; ; 2.38; 11000;occ; 134; 0;46290
14; 4894.7; 06-JAN-2011 16:36:49; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;46290
15; 5211.7; 06-JAN-2011 16:42:06; Dark ; 46.0; 104; 27Bet Lib ; 2.61; 13100;occ; 92; 0;46290
16; 5383.1; 06-JAN-2011 16:44:57; Dark ; 49.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 98; 0;46290
17; 5804.8; 06-JAN-2011 16:51:59; Dark ; 56.0; 54; 5The Cen ; 2.06; 4500;occ; 112; 0;46290
18; 5960.0; 06-JAN-2011 16:54:34; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;46290
19; 6059.4; 06-JAN-2011 16:56:13; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;46291
20; 6221.8; 06-JAN-2011 16:58:56; Dark ; 45.5; 20; Bet Cru ; 1.25; 30000;occ; 91; 0;46291
21; 6301.3; 06-JAN-2011 17:00:15; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46291
22; 6555.2; 06-JAN-2011 17:04:29; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;46291
23; 6680.4; 06-JAN-2011 17:06:34; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;46291
24; 6794.0; 06-JAN-2011 17:08:28; Dark ; 46.0; 46; Del Vel ; 1.95; 10600;occ; 92; 0;46291
25; 6961.9; 06-JAN-2011 17:11:16; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;46291
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2; 1191.3; 06-JAN-2011 17:15:19; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;46291
3; 1351.8; 06-JAN-2011 17:18:00; Dark ; 43.0; 23; 21Eps CMa ; 1.50; 26000;occ; 86; 0;46291
4; 1440.5; 06-JAN-2011 17:19:28; Dark ; 43.0; 179; 240mi2CMa ; 3.03; 24000;occ; 86; 0;46291
5; 1580.9; 06-JAN-2011 17:21:49; Dark ; 48.5; 1; 9Alp CMa ; -1.44; 11000;occ; 97; 0;46291
6; 2018.5; 06-JAN-2011 17:29:06; Dark ; 51.5; 14; 58Alp Ori ; 0.87; 3000;occ; 103; 0;46291
7; 2192.5; 06-JAN-2011 17:32:00; Dark ; 59.0; 44; 24Gam Gem ; 1.93; 11000;occ; 118; 0;46291
8; 2292.5; 06-JAN-2011 17:33:40; Bright; 45.5; 151; 13Mu Gem ; 2.89; 3000;occ; 91; 0;46291
9; 2535.7; 06-JAN-2011 17:37:44; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;46291
10; 2668.2; 06-JAN-2011 17:39:56; Bright; 38.0; 42; 34Bet Aur ; 1.90; 10200;occ; 76; 0;46291
11; 3662.7; 06-JAN-2011 17:56:31; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46291
12; 3904.8; 06-JAN-2011 18:00:33; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;46291
13; 4067.1; 06-JAN-2011 18:03:15; Bright; 70.0; 39; 85Eta UMa ; 1.85; 24000;occ; 140; 0;46291
14; 4332.4; 06-JAN-2011 18:07:40; Bright; 45.0; 180; 27Gam Boo ; 3.04; 8000;occ; 90; 0;46291
15; 4570.1; 06-JAN-2011 18:11:38; Bright; 67.0; 83; ; 2.38; 11000;occ; 134; 0;46291
16; 4895.1; 06-JAN-2011 18:17:03; Bright; 57.0; 102; 24Alp Ser ; 2.60; 4250;occ; 114; 0;46291
17; 5212.2; 06-JAN-2011 18:22:20; Dark ; 45.5; 104; 27Bet Lib ; 2.61; 13100;occ; 91; 0;46291
18; 5383.4; 06-JAN-2011 18:25:11; Dark ; 48.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 96; 0;46291
19; 5805.6; 06-JAN-2011 18:32:14; Dark ; 55.0; 54; 5The Cen ; 2.06; 4500;occ; 110; 0;46291
20; 5960.7; 06-JAN-2011 18:34:49; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;46291
21; 6060.2; 06-JAN-2011 18:36:28; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0;46292
22; 6222.2; 06-JAN-2011 18:39:10; Dark ; 42.0; 20; Bet Cru ; 1.25; 30000;occ; 84; 0;46292
23; 6302.2; 06-JAN-2011 18:40:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46292
24; 6556.4; 06-JAN-2011 18:44:44; Dark ; 56.5; 113; Mu Vel ; 2.69; 5000;occ; 113; 0;46292
25; 6680.8; 06-JAN-2011 18:46:49; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46292
26; 6794.6; 06-JAN-2011 18:48:43; Dark ; 43.0; 46; Del Vel ; 1.95; 10600;occ; 86; 0;46292
27; 6962.4; 06-JAN-2011 18:51:30; Dark ; 40.0; 34; Gam2Vel ; 1.79; 23000;occ; 80; 0;46292
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3; 1191.6; 06-JAN-2011 18:55:34; Dark ; 48.0; 117; Pi Pup ; 2.71; 3800;occ; 96; 0;46292
4; 1352.0; 06-JAN-2011 18:58:14; Dark ; 48.0; 23; 21Eps CMa ; 1.50; 26000;occ; 96; 0;46292
5; 1440.7; 06-JAN-2011 18:59:43; Dark ; 42.5; 179; 240mi2CMa ; 3.03; 24000;occ; 85; 0;46292
6; 1580.8; 06-JAN-2011 19:02:03; Dark ; 52.5; 1; 9Alp CMa ; -1.44; 11000;occ; 105; 0;46292
7; 2018.5; 06-JAN-2011 19:09:21; Dark ; 47.0; 14; 58Alp Ori ; 0.87; 3000;occ; 94; 0;46292
8; 2192.3; 06-JAN-2011 19:12:14; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;46292
9; 2292.4; 06-JAN-2011 19:13:54; Bright; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;46292
10; 2535.6; 06-JAN-2011 19:17:58; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46292
11; 2668.1; 06-JAN-2011 19:20:10; Bright; 37.0; 42; 34Bet Aur ; 1.90; 10200;occ; 74; 0;46292
12; 3662.5; 06-JAN-2011 19:36:45; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;46292
13; 3904.7; 06-JAN-2011 19:40:47; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46292
14; 4066.8; 06-JAN-2011 19:43:29; Bright; 49.5; 39; 85Eta UMa ; 1.85; 24000;occ; 99; 0;46292
15; 4332.5; 06-JAN-2011 19:47:54; Bright; 67.0; 180; 27Gam Boo ; 3.04; 8000;occ; 134; 0;46292
16; 4570.3; 06-JAN-2011 19:51:52; Bright; 45.5; 83; ; 2.38; 11000;occ; 91; 0;46292
17; 4895.2; 06-JAN-2011 19:57:17; Bright; 57.0; 102; 24Alp Ser ; 2.60; 4250;occ; 114; 0;46292
18; 5212.8; 06-JAN-2011 20:02:35; Dark ; 46.0; 104; 27Bet Lib ; 2.61; 13100;occ; 92; 0;46292
19; 5384.3; 06-JAN-2011 20:05:26; Dark ; 47.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 95; 0;46292
20; 5806.2; 06-JAN-2011 20:12:28; Dark ; 50.0; 54; 5The Cen ; 2.06; 4500;occ; 100; 0;46292
21; 6060.7; 06-JAN-2011 20:16:43; Dark ; 42.0; 77; Eps Cen ; 2.30; 28000;occ; 84; 0;46293
22; 6222.7; 06-JAN-2011 20:19:25; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;46293
23; 6303.1; 06-JAN-2011 20:20:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46293
24; 6557.0; 06-JAN-2011 20:24:59; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;46293

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25; 6681.4; 06-JAN-2011 20:27:03; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;46293
26; 6794.9; 06-JAN-2011 20:28:57; Dark ; 41.5; 46; Del Vel ; 1.95; 10600;occ; 83; 0;46293
27; 6962.6; 06-JAN-2011 20:31:45; Dark ; 35.5; 34; Gam2Vel ; 1.79; 23000;occ; 71; 0;46293
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2; -205.2; 07-JAN-2011 01:13:13; Dark ; 44.0; 54; 5The Cen ; 2.06; 4500;occ; 88; 0;46295
3; -50.8; 07-JAN-2011 01:15:47; Dark ; 41.5; 95; Zet Cen ; 2.55; 26000;occ; 83; 0;46295
4; 48.6; 07-JAN-2011 01:17:27; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;46296
5; 210.6; 07-JAN-2011 01:20:09; Dark ; 45.5; 20; Bet Cru ; 1.25; 30000;occ; 91; 0;46296
6; 291.9; 07-JAN-2011 01:21:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46296
7; 545.6; 07-JAN-2011 01:25:44; Dark ; 51.5; 113; Mu Vel ; 2.69; 5000;occ; 103; 0;46296
8; 668.8; 07-JAN-2011 01:27:47; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;46296
9; 782.4; 07-JAN-2011 01:29:40; Dark ; 42.0; 46; Del Vel ; 1.95; 10600;occ; 84; 0;46296
10; 949.9; 07-JAN-2011 01:32:28; Dark ; 41.5; 34; Gam2Vel ; 1.79; 23000;occ; 83; 0;46296
11; 1080.1; 07-JAN-2011 01:34:38; Dark ; 47.5; 70; Zet Pup ; 2.25; 39000;occ; 95; 0;46296
12; 1192.7; 07-JAN-2011 01:36:31; Dark ; 47.5; 117; Pi Pup ; 2.71; 3800;occ; 95; 0;46296
13; 1352.9; 07-JAN-2011 01:39:11; Dark ; 46.0; 23; 21Eps CMa ; 1.50; 26000;occ; 92; 0;46296
14; 1441.4; 07-JAN-2011 01:40:39; Dark ; 42.0; 179; 24Omi2CMa ; 3.03; 24000;occ; 84; 0;46296
15; 1581.4; 07-JAN-2011 01:42:59; Dark ; 48.5; 1; 9Alp CMa ; -1.44; 11000;occ; 97; 0;46296
16; 2018.4; 07-JAN-2011 01:50:16; Dark ; 48.5; 14; 58Alp Ori ; 0.87; 3000;occ; 97; 0;46296
17; 2191.4; 07-JAN-2011 01:53:09; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;46296
18; 2291.6; 07-JAN-2011 01:54:50; Bright; 46.5; 151; 13Mu Gem ; 2.89; 3000;occ; 93; 0;46296
19; 2535.0; 07-JAN-2011 01:58:53; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;46296
20; 2667.5; 07-JAN-2011 02:01:05; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46296
21; 3661.9; 07-JAN-2011 02:17:40; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46296
22; 3904.8; 07-JAN-2011 02:21:43; Bright; 53.0; 119; 14Eta Dra ; 2.73; 4700;occ; 106; 0;46296
23; 4065.6; 07-JAN-2011 02:24:24; Bright; 63.0; 39; 85Eta UMa ; 1.85; 24000;occ; 126; 0;46296
24; 4332.4; 07-JAN-2011 02:28:50; Bright; 46.0; 180; 27Gam Boo ; 3.04; 8000;occ; 92; 0;46296
25; 4571.1; 07-JAN-2011 02:32:49; Bright; 68.0; 83; ; 2.38; 11000;occ; 136; 0;46296
26; 4896.9; 07-JAN-2011 02:38:15; Bright; 57.0; 102; 24Alp Ser ; 2.60; 4250;occ; 114; 0;46296
27; 5215.0; 07-JAN-2011 02:43:33; Dark ; 48.0; 104; 27Bet Lib ; 2.61; 13100;occ; 96; 0;46296
28; 5387.3; 07-JAN-2011 02:46:25; Dark ; 47.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 95; 0;46296
29; 5809.6; 07-JAN-2011 02:53:28; Dark ; 53.5; 54; 5The Cen ; 2.06; 4500;occ; 107; 0;46296
30; 5964.1; 07-JAN-2011 02:56:02; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;46296
31; 6063.2; 07-JAN-2011 02:57:41; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;46297
32; 6225.1; 07-JAN-2011 03:00:23; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;46297
33; 6306.8; 07-JAN-2011 03:01:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46297
34; 6560.5; 07-JAN-2011 03:05:58; Dark ; 51.5; 113; Mu Vel ; 2.69; 5000;occ; 103; 0;46297
35; 6683.3; 07-JAN-2011 03:08:01; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46297
36; 6796.9; 07-JAN-2011 03:09:55; Dark ; 41.5; 46; Del Vel ; 1.95; 10600;occ; 83; 0;46297
37; 6964.5; 07-JAN-2011 03:12:42; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;46297
38; 7094.4; 07-JAN-2011 03:14:52; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;46297
39; 7207.1; 07-JAN-2011 03:16:45; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;46297
40; 7367.3; 07-JAN-2011 03:19:25; Dark ; 43.5; 23; 21Eps CMa ; 1.50; 26000;occ; 87; 0;46297
41; 7455.8; 07-JAN-2011 03:20:54; Dark ; 40.0; 179; 24Omi2CMa ; 3.03; 24000;occ; 80; 0;46297
42; 7595.7; 07-JAN-2011 03:23:14; Dark ; 47.0; 1; 9Alp CMa ; -1.44; 11000;occ; 94; 0;46297
43; 8032.5; 07-JAN-2011 03:30:31; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;46297
44; 8205.3; 07-JAN-2011 03:33:23; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;46297
45; 8305.6; 07-JAN-2011 03:35:04; Bright; 44.5; 151; 13Mu Gem ; 2.89; 3000;occ; 89; 0;46297
46; 8549.0; 07-JAN-2011 03:39:07; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;46297
47; 8681.4; 07-JAN-2011 03:41:19; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46297
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16; 1446.9; 08-JAN-2011 22:47:03; Dark ; 41.5; 179; 240mi2CMA ; 3.03; 24000;occ; 83; 0;46323
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```

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27; 2663.4; 09-JAN-2011 05:48:16; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46327
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13; 3656.4; 09-JAN-2011 21:06:55; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;46336  
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/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20110109\_103101\_000060153098\_00195\_46330\_3133.N1

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 5; 2530.8; 09-JAN-2011 10:46:45; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;46330  
 6; 2663.0; 09-JAN-2011 10:48:58; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46330  
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 8; 3904.7; 09-JAN-2011 11:09:39; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46330  
 9; 4332.3; 09-JAN-2011 11:16:47; Bright; 51.0; 180; 27Gam Boo ; 3.04; 8000;occ; 102; 0;46330  
 10; 4579.2; 09-JAN-2011 11:20:54; Bright; 70.0; 83; ; 2.38; 11000;occ; 140; 0;46330  
 11; 4909.7; 09-JAN-2011 11:26:24; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;46330  
 12; 5235.6; 09-JAN-2011 11:31:50; Dark ; 46.5; 104; 27Bet Lib ; 2.61; 13100;occ; 93; 0;46330  
 13; 5413.6; 09-JAN-2011 11:34:48; Dark ; 47.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 95; 0;46330  
 14; 5790.3; 09-JAN-2011 11:41:05; Dark ; 41.0; 109; Bet Lup ; 2.68; 26000;occ; 82; 0;46330  
 15; 5880.4; 09-JAN-2011 11:42:35; Dark ; 42.0; 78; Alp Lup ; 2.30; 28000;occ; 84; 0;46330  
 16; 5988.4; 09-JAN-2011 11:44:23; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;46330  
 17; 6084.8; 09-JAN-2011 11:45:59; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;46331  
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 21; 6700.0; 09-JAN-2011 11:56:15; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46331  
 22; 6813.2; 09-JAN-2011 11:58:08; Dark ; 40.5; 46; Del Vel ; 1.95; 10600;occ; 81; 0;46331  
 23; 6979.2; 09-JAN-2011 12:00:54; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;46331  
 24; 7108.7; 09-JAN-2011 12:03:03; Dark ; 44.5; 70; Zet Pup ; 2.25; 39000;occ; 89; 0;46331  
 25; 7217.7; 09-JAN-2011 12:04:52; Dark ; 46.0; 117; Pi Pup ; 2.71; 3800;occ; 92; 0;46331  
 26; 7375.4; 09-JAN-2011 12:07:30; Dark ; 45.5; 23; 21Eps CMA ; 1.50; 26000;occ; 91; 0;46331  
 27; 7462.5; 09-JAN-2011 12:08:57; Dark ; 41.0; 179; 240mi2CMA ; 3.03; 24000;occ; 82; 0;46331  
 28; 7600.2; 09-JAN-2011 12:11:15; Dark ; 1.5; 1; 9Alp CMA ; -1.44; 11000;occ; 3; 0;46331

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 3; 2185.2; 09-JAN-2011 12:21:14; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;46331  
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 6; 2662.9; 09-JAN-2011 12:29:11; Bright; 37.5; 42; 34Bet Aur ; 1.90; 10200;occ; 75; 0;46331  
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 8; 3904.8; 09-JAN-2011 12:49:53; Bright; 36.0; 119; 14Eta Dra ; 2.73; 4700;occ; 72; 0;46331  
 9; 4332.4; 09-JAN-2011 12:57:01; Bright; 57.0; 180; 27Gam Boo ; 3.04; 8000;occ; 114; 0;46331  
 10; 4579.6; 09-JAN-2011 13:01:08; Bright; 70.0; 83; ; 2.38; 11000;occ; 140; 0;46331  
 11; 4910.2; 09-JAN-2011 13:06:39; Bright; 58.0; 102; 24Alp Ser ; 2.60; 4250;occ; 116; 0;46331  
 12; 5236.1; 09-JAN-2011 13:12:05; Dark ; 44.5; 104; 27Bet Lib ; 2.61; 13100;occ; 89; 0;46331  
 13; 5414.4; 09-JAN-2011 13:15:03; Dark ; 47.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 95; 0;46331  
 14; 5790.7; 09-JAN-2011 13:21:19; Dark ; 41.5; 109; Bet Lup ; 2.68; 26000;occ; 83; 0;46331  
 15; 5881.0; 09-JAN-2011 13:22:50; Dark ; 39.5; 78; Alp Lup ; 2.30; 28000;occ; 79; 0;46331  
 16; 5989.1; 09-JAN-2011 13:24:38; Dark ; 40.5; 95; Zet Cen ; 2.55; 26000;occ; 81; 0;46331  
 17; 6085.3; 09-JAN-2011 13:26:14; Dark ; 43.0; 77; Eps Cen ; 2.30; 28000;occ; 86; 0;46332  
 18; 6246.1; 09-JAN-2011 13:28:55; Dark ; 41.5; 20; Bet Cru ; 1.25; 30000;occ; 83; 0;46332  
 19; 6339.8; 09-JAN-2011 13:30:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46332  
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```

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24; 7109.3; 09-JAN-2011 13:43:18; Dark ; 43.0; 70; Zet Pup ; 2.25; 39000;occ; 86; 0;46332
25; 7217.9; 09-JAN-2011 13:45:06; Dark ; 46.5; 117; Pi Pup ; 2.71; 3800;occ; 93; 0;46332
26; 7375.6; 09-JAN-2011 13:47:44; Dark ; 44.5; 23; 21Eps CMa ; 1.50; 26000;occ; 89; 0;46332
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11; 4579.9; 09-JAN-2011 14:41:22; Bright; 49.5; 83; ; 2.38; 11000;occ; 99; 0;46332
12; 4910.7; 09-JAN-2011 14:46:53; Bright; 58.0; 102; 24Alp Ser ; 2.60; 4250;occ; 116; 0;46332
13; 5236.7; 09-JAN-2011 14:52:19; Dark ; 47.0; 104; 27Bet Lib ; 2.61; 13100;occ; 94; 0;46332
14; 5415.3; 09-JAN-2011 14:55:18; Dark ; 46.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 93; 0;46332
15; 5791.5; 09-JAN-2011 15:01:34; Dark ; 39.5; 109; Bet Lup ; 2.68; 26000;occ; 79; 0;46332
16; 5881.3; 09-JAN-2011 15:03:04; Dark ; 46.5; 78; Alp Lup ; 2.30; 28000;occ; 93; 0;46332
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23; 6814.0; 09-JAN-2011 15:18:37; Dark ; 41.0; 46; Del Vel ; 1.95; 10600;occ; 82; 0;46333
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26; 7218.2; 09-JAN-2011 15:25:21; Dark ; 46.5; 117; Pi Pup ; 2.71; 3800;occ; 93; 0;46333
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 7; 332.4; 10-JAN-2011 01:12:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46339
 8; 581.7; 10-JAN-2011 01:16:22; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;46339
 9; 689.8; 10-JAN-2011 01:18:10; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;46339
10; 802.9; 10-JAN-2011 01:20:04; Dark ; 41.5; 46; Del Vel ; 1.95; 10600;occ; 83; 0;46339
11; 968.6; 10-JAN-2011 01:22:49; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;46339
12; 1098.0; 10-JAN-2011 01:24:59; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;46339
13; 1205.9; 10-JAN-2011 01:26:47; Dark ; 41.0; 117; Pi Pup ; 2.71; 3800;occ; 82; 0;46339
14; 1363.2; 10-JAN-2011 01:29:24; Dark ; 45.0; 23; 21Eps CMA ; 1.50; 26000;occ; 90; 0;46339
15; 1450.1; 10-JAN-2011 01:30:51; Dark ; 41.5; 179; 240mi2CMA ; 3.03; 24000;occ; 83; 0;46339
16; 1587.1; 10-JAN-2011 01:33:08; Dark ; 47.5; 1; 9Alp CMA ; -1.44; 11000;occ; 95; 0;46339
17; 2020.1; 10-JAN-2011 01:40:21; Dark ; 55.5; 8; 10Alp CMI ; 0.40; 6500;occ; 111; 0;46339
18; 2183.7; 10-JAN-2011 01:43:04; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;46339
19; 2284.8; 10-JAN-2011 01:44:45; Bright; 46.5; 151; 13Mu Gem ; 2.89; 3000;occ; 93; 0;46339
20; 2529.9; 10-JAN-2011 01:48:51; Bright; 35.0; 107; 37The Aur ; 2.65; 11000;occ; 70; 0;46339
21; 2661.9; 10-JAN-2011 01:51:02; Bright; 36.0; 42; 34Bet Aur ; 1.90; 10200;occ; 72; 0;46339
22; 3656.1; 10-JAN-2011 02:07:37; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;46339
23; 3904.6; 10-JAN-2011 02:11:45; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;46339
24; 4332.2; 10-JAN-2011 02:18:53; Bright; 70.0; 180; 27Gam Boo ; 3.04; 8000;occ; 140; 0;46339
25; 4581.4; 10-JAN-2011 02:23:02; Bright; 71.0; 83; ; 2.38; 11000;occ; 142; 0;46339
26; 4913.2; 10-JAN-2011 02:28:34; Bright; 58.0; 102; 24Alp Ser ; 2.60; 4250;occ; 116; 0;46339
27; 5241.2; 10-JAN-2011 02:34:02; Dark ; 47.0; 104; 27Bet Lib ; 2.61; 13100;occ; 94; 0;46339
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29; 5885.4; 10-JAN-2011 02:44:46; Dark ; 42.0; 78; Alp Lup ; 2.30; 28000;occ; 84; 0;46339
30; 5995.1; 10-JAN-2011 02:46:36; Dark ; 42.5; 95; Zet Cen ; 2.55; 26000;occ; 85; 0;46339
31; 6090.6; 10-JAN-2011 02:48:11; Dark ; 42.0; 77; Eps Cen ; 2.30; 28000;occ; 84; 0;46340
32; 6250.7; 10-JAN-2011 02:50:51; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;46340
33; 6347.3; 10-JAN-2011 02:52:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46340

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34; 6596.7; 10-JAN-2011 02:56:37; Dark ; 50.0; 113; Mu Vel ; 2.69; 5000;occ; 100; 0;46340
35; 6704.2; 10-JAN-2011 02:58:25; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;46340
36; 6817.3; 10-JAN-2011 03:00:18; Dark ; 43.0; 46; Del Vel ; 1.95; 10600;occ; 86; 0;46340
37; 6983.0; 10-JAN-2011 03:03:04; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;46340
38; 7112.6; 10-JAN-2011 03:05:13; Dark ; 44.0; 70; Zet Pup ; 2.25; 39000;occ; 88; 0;46340
39; 7220.4; 10-JAN-2011 03:07:01; Dark ; 48.0; 117; Pi Pup ; 2.71; 3800;occ; 96; 0;46340
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41; 7464.2; 10-JAN-2011 03:11:05; Dark ; 41.5; 179; 240mi2CMA ; 3.03; 24000;occ; 83; 0;46340
42; 7601.2; 10-JAN-2011 03:13:22; Dark ; 50.5; 1; 9Alp CMA ; -1.44; 11000;occ; 101; 0;46340
43; 8033.9; 10-JAN-2011 03:20:35; Dark ; 68.0; 8; 10Alp CMI ; 0.40; 6500;occ; 136; 0;46340
44; 8197.6; 10-JAN-2011 03:23:18; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;46340
45; 8298.7; 10-JAN-2011 03:24:59; Bright; 41.0; 151; 13Mu Gem ; 2.89; 3000;occ; 82; 0;46340
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47; 8675.8; 10-JAN-2011 03:31:16; Bright; 37.5; 42; 34Bet Aur ; 1.90; 10200;occ; 75; 0;46340
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4; -1432.3; 10-JAN-2011 04:03:16; Bright; 71.0; 83; ; 2.38; 11000;occ; 142; 0;46340
5; -1100.3; 10-JAN-2011 04:08:48; Bright; 58.0; 102; 24Alp Ser ; 2.60; 4250;occ; 116; 0;46340
6; -772.2; 10-JAN-2011 04:14:16; Dark ; 48.5; 104; 27Bet Lib ; 2.61; 13100;occ; 97; 0;46340
7; -592.3; 10-JAN-2011 04:17:16; Dark ; 48.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 96; 0;46340
8; -218.1; 10-JAN-2011 04:23:31; Dark ; 39.5; 109; Bet Lup ; 2.68; 26000;occ; 79; 0;46340
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11; 77.3; 10-JAN-2011 04:28:26; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0;46341
12; 237.4; 10-JAN-2011 04:31:06; Dark ; 45.5; 20; Bet Cru ; 1.25; 30000;occ; 91; 0;46341
13; 334.3; 10-JAN-2011 04:32:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46341
14; 583.3; 10-JAN-2011 04:36:52; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;46341
15; 690.7; 10-JAN-2011 04:38:39; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;46341
16; 804.1; 10-JAN-2011 04:40:33; Dark ; 39.5; 46; Del Vel ; 1.95; 10600;occ; 79; 0;46341
17; 969.6; 10-JAN-2011 04:43:18; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;46341
18; 1098.8; 10-JAN-2011 04:45:27; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;46341
19; 1206.6; 10-JAN-2011 04:47:15; Dark ; 44.5; 117; Pi Pup ; 2.71; 3800;occ; 89; 0;46341
20; 1363.7; 10-JAN-2011 04:49:52; Dark ; 45.5; 23; 21Eps CMA ; 1.50; 26000;occ; 91; 0;46341
21; 1450.5; 10-JAN-2011 04:51:19; Dark ; 42.5; 179; 240mi2CMA ; 3.03; 24000;occ; 85; 0;46341
22; 1587.3; 10-JAN-2011 04:53:36; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;46341
23; 2019.7; 10-JAN-2011 05:00:48; Dark ; 68.0; 8; 10Alp CMI ; 0.40; 6500;occ; 136; 0;46341
24; 2183.5; 10-JAN-2011 05:03:32; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;46341
25; 2284.7; 10-JAN-2011 05:05:13; Bright; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;46341
26; 2529.9; 10-JAN-2011 05:09:19; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;46341
27; 2661.8; 10-JAN-2011 05:11:30; Bright; 37.5; 42; 34Bet Aur ; 1.90; 10200;occ; 75; 0;46341
28; 3655.8; 10-JAN-2011 05:28:05; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;46341
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3; -1681.9; 10-JAN-2011 05:39:21; Bright; 70.0; 180; 27Gam Boo ; 3.04; 8000;occ; 140; 0;46341
4; -1432.1; 10-JAN-2011 05:43:31; Bright; 67.0; 83; ; 2.38; 11000;occ; 134; 0;46341
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6; -771.7; 10-JAN-2011 05:54:31; Dark ; 46.0; 104; 27Bet Lib ; 2.61; 13100;occ; 92; 0;46341
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13; 335.2; 10-JAN-2011 06:12:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46342
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18; 1099.3; 10-JAN-2011 06:25:42; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;46342
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20; 1363.9; 10-JAN-2011 06:30:07; Dark ; 43.5; 23; 21Eps CMA ; 1.50; 26000;occ; 87; 0;46342
21; 1450.6; 10-JAN-2011 06:31:33; Dark ; 40.5; 179; 240mi2CMA ; 3.03; 24000;occ; 81; 0;46342
22; 1587.5; 10-JAN-2011 06:33:50; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;46342
23; 2019.3; 10-JAN-2011 06:41:02; Dark ; 68.0; 8; 10Alp CMI ; 0.40; 6500;occ; 136; 0;46342
24; 2183.2; 10-JAN-2011 06:43:46; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;46342

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25; 2284.5; 10-JAN-2011 06:45:27; Bright; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;46342
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27; 2661.6; 10-JAN-2011 06:51:44; Bright; 37.5; 42; 34Bet Aur ; 1.90; 10200;occ; 75; 0;46342
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11; 2529.1; 10-JAN-2011 20:11:24; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;46350
12; 2660.7; 10-JAN-2011 20:13:36; Bright; 37.5; 42; 34Bet Aur ; 1.90; 10200;occ; 75; 0;46350
13; 3654.4; 10-JAN-2011 20:30:09; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;46350
14; 3904.5; 10-JAN-2011 20:34:19; Bright; 34.0; 119; 14Eta Dra ; 2.73; 4700;occ; 68; 0;46350
15; 4331.9; 10-JAN-2011 20:41:27; Bright; 47.0; 180; 27Gam Boo ; 3.04; 8000;occ; 94; 0;46350
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 6; -122.3; 10-JAN-2011 21:07:27; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;46350
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 7; 974.0; 10-JAN-2011 23:05:57; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;46352
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 9; 1209.6; 10-JAN-2011 23:09:53; Dark ; 44.0; 117; Pi Pup ; 2.71; 3800;occ; 88; 0;46352
10; 1366.0; 10-JAN-2011 23:12:29; Dark ; 44.0; 23; 21Eps CMa ; 1.50; 26000;occ; 88; 0;46352
11; 1452.5; 10-JAN-2011 23:13:55; Dark ; 40.5; 179; 24Omi2CMa ; 3.03; 24000;occ; 81; 0;46352
12; 1588.8; 10-JAN-2011 23:16:12; Dark ; 52.0; 1; 9Alp CMa ; -1.44; 11000;occ; 104; 0;46352
13; 2016.2; 10-JAN-2011 23:23:19; Dark ; 56.0; 8; 10Alp CMi ; 0.40; 6500;occ; 112; 0;46352
14; 2182.0; 10-JAN-2011 23:26:05; Dark ; 40.5; 44; 24Gam Gem ; 1.93; 11000;occ; 81; 0;46352
15; 2283.1; 10-JAN-2011 23:27:46; Bright; 38.5; 151; 13Mu Gem ; 2.89; 3000;occ; 77; 0;46352
16; 2528.8; 10-JAN-2011 23:31:52; Bright; 36.0; 107; 37The Aur ; 2.65; 11000;occ; 72; 0;46352
17; 2660.5; 10-JAN-2011 23:34:03; Bright; 36.5; 42; 34Bet Aur ; 1.90; 10200;occ; 73; 0;46352
18; 3654.2; 10-JAN-2011 23:50:37; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;46352
19; 3904.4; 10-JAN-2011 23:54:47; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46352
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22; 4918.5; 11-JAN-2011 00:11:41; Bright; 59.0; 102; 24Alp Ser ; 2.60; 4250;occ; 118; 0;46352
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11; 78.6; 10-JAN-2011 07:48:55; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;46343
12; 238.4; 10-JAN-2011 07:51:35; Dark ; 41.5; 20; Bet Cru ; 1.25; 30000;occ; 83; 0;46343
13; 336.1; 10-JAN-2011 07:53:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46343

```

```

14; 584.8; 10-JAN-2011 07:57:22; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;46343
15; 691.7; 10-JAN-2011 07:59:09; Dark ; 39.5; 71; Iot Car ; 2.25; 7700;occ; 79; 0;46343
16; 804.9; 10-JAN-2011 08:01:02; Dark ; 43.0; 46; Del Vel ; 1.95; 10600;occ; 86; 0;46343
17; 970.3; 10-JAN-2011 08:03:47; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;46343
18; 1099.9; 10-JAN-2011 08:05:57; Dark ; 43.0; 70; Zet Pup ; 2.25; 39000;occ; 86; 0;46343
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 4; 2284.4; 10-JAN-2011 08:25:41; Bright; 43.0; 151; 13Mu Gem ; 2.89; 3000;occ; 86; 0;46343
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 6; 2661.5; 10-JAN-2011 08:31:58; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;46343
 7; 3655.4; 10-JAN-2011 08:48:32; Bright; 55.0; 60; 7Bet UMi ; 2.08; 3950;occ; 110; 0;46343
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 9; 4332.1; 10-JAN-2011 08:59:49; Bright; 62.5; 180; 27Gam Boo ; 3.04; 8000;occ; 125; 0;46343
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12; 5243.6; 10-JAN-2011 09:15:00; Dark ; 49.0; 104; 27Bet Lib ; 2.61; 13100;occ; 98; 0;46343
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16; 5997.9; 10-JAN-2011 09:27:35; Dark ; 40.5; 95; Zet Cen ; 2.55; 26000;occ; 81; 0;46343
17; 6093.3; 10-JAN-2011 09:29:10; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;46344
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21; 6706.2; 10-JAN-2011 09:39:23; Dark ; 39.5; 71; Iot Car ; 2.25; 7700;occ; 79; 0;46344
22; 6819.3; 10-JAN-2011 09:41:16; Dark ; 45.5; 46; Del Vel ; 1.95; 10600;occ; 91; 0;46344
23; 6984.8; 10-JAN-2011 09:44:02; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;46344
24; 7114.3; 10-JAN-2011 09:46:11; Dark ; 42.0; 70; Zet Pup ; 2.25; 39000;occ; 84; 0;46344
25; 7221.6; 10-JAN-2011 09:47:58; Dark ; 45.5; 117; Pi Pup ; 2.71; 3800;occ; 91; 0;46344
26; 7378.4; 10-JAN-2011 09:50:35; Dark ; 43.0; 23; 21Eps CMA ; 1.50; 26000;occ; 86; 0;46344
27; 7464.9; 10-JAN-2011 09:52:02; Dark ; 41.0; 179; 240mi2CMA ; 3.03; 24000;occ; 82; 0;46344
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 4; 2529.5; 10-JAN-2011 10:10:00; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46344
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 9; 4582.7; 10-JAN-2011 10:44:14; Bright; 71.0; 83; ; 2.38; 11000;occ; 142; 0;46344
10; 4915.1; 10-JAN-2011 10:49:46; Bright; 41.5; 102; 24Alp Ser ; 2.60; 4250;occ; 83; 0;46344
11; 5244.4; 10-JAN-2011 10:55:15; Dark ; 46.5; 104; 27Bet Lib ; 2.61; 13100;occ; 93; 0;46344
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16; 6093.8; 10-JAN-2011 11:09:25; Dark ; 42.0; 77; Eps Cen ; 2.30; 28000;occ; 84; 0;46345
17; 6253.6; 10-JAN-2011 11:12:04; Dark ; 42.0; 20; Bet Cru ; 1.25; 30000;occ; 84; 0;46345
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23; 7114.6; 10-JAN-2011 11:26:25; Dark ; 41.5; 70; Zet Pup ; 2.25; 39000;occ; 83; 0;46345
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25; 7378.6; 10-JAN-2011 11:30:49; Dark ; 42.5; 23; 21Eps CMA ; 1.50; 26000;occ; 85; 0;46345
26; 7465.2; 10-JAN-2011 11:32:16; Dark ; 37.5; 179; 240mi2CMA ; 3.03; 24000;occ; 75; 0;46345
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 2; 1587.9; 10-JAN-2011 11:34:33; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;46345

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9; 3904.5; 10-JAN-2011 12:13:09; Bright; 34.5; 119; 14Eta Dra ; 2.73; 4700;occ; 69; 0;46345
10; 4331.9; 10-JAN-2011 12:20:17; Bright; 70.0; 180; 27Gam Boo ; 3.04; 8000;occ; 140; 0;46345
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12; 4915.6; 10-JAN-2011 12:30:00; Bright; 59.0; 102; 24Alp Ser ; 2.60; 4250;occ; 118; 0;46345
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26; 7221.9; 10-JAN-2011 13:08:27; Dark ; 46.0; 117; Pi Pup ; 2.71; 3800;occ; 92; 0;46346
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28; 7465.4; 10-JAN-2011 13:12:30; Dark ; 40.0; 179; 24Omi2CMA ; 3.03; 24000;occ; 80; 0;46346
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5; 2529.5; 10-JAN-2011 13:30:28; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;46346
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3; 1588.3; 10-JAN-2011 14:55:01; Dark ; 50.5; 1; 9Alp CMA ; -1.44; 11000;occ; 101; 0;46347
4; 2017.8; 10-JAN-2011 15:02:10; Dark ; 64.5; 8; 10Alp CMI ; 0.40; 6500;occ; 129; 0;46347
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6; 2284.0; 10-JAN-2011 15:06:37; Bright; 43.0; 151; 13Mu Gem ; 2.89; 3000;occ; 86; 0;46347
7; 2529.2; 10-JAN-2011 15:10:42; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;46347
8; 2661.0; 10-JAN-2011 15:12:54; Bright; 39.0; 42; 34Bet Aur ; 1.90; 10200;occ; 78; 0;46347
9; 3654.9; 10-JAN-2011 15:29:28; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;46347
10; 3904.7; 10-JAN-2011 15:33:37; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;46347
11; 4332.2; 10-JAN-2011 15:40:45; Bright; 46.5; 180; 27Gam Boo ; 3.04; 8000;occ; 93; 0;46347
12; 4583.6; 10-JAN-2011 15:44:56; Bright; 72.0; 83; ; 2.38; 11000;occ; 144; 0;46347
13; 4916.6; 10-JAN-2011 15:50:29; Bright; 59.0; 102; 24Alp Ser ; 2.60; 4250;occ; 118; 0;46347

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19; 6096.0; 10-JAN-2011 16:10:09; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;46348
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22; 6603.3; 10-JAN-2011 16:18:36; Dark ; 53.5; 113; Mu Vel ; 2.69; 5000;occ; 107; 0;46348
23; 6708.3; 10-JAN-2011 16:20:21; Dark ; 48.5; 71; Iot Car ; 2.25; 7700;occ; 97; 0;46348
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16; 5428.7; 10-JAN-2011 17:39:15; Dark ; 46.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 92; 0;46348
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21; 6256.3; 10-JAN-2011 17:53:03; Dark ; 44.5; 20; Bet Cru ; 1.25; 30000;occ; 89; 0;46349
22; 6355.9; 10-JAN-2011 17:54:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46349
23; 6604.1; 10-JAN-2011 17:58:51; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;46349
24; 6708.6; 10-JAN-2011 18:00:35; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;46349
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26; 6986.9; 10-JAN-2011 18:05:14; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;46349
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23; 6356.8; 10-JAN-2011 19:34:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46350
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25; 6709.1; 10-JAN-2011 19:40:50; Dark ; 47.5; 71; Iot Car ; 2.25; 7700;occ; 95; 0;46350

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3; -614.1; 14-JAN-2011 01:49:59; Dark ; 45.5; 80; 7Del Sco ; 2.32; 30000;occ; 91; 0;46396
4; -184.4; 14-JAN-2011 01:57:09; Dark ; 39.5; 109; Bet Lup ; 2.68; 26000;occ; 79; 0;46396
5; -94.1; 14-JAN-2011 01:58:39; Dark ; 41.5; 78; Alp Lup ; 2.30; 28000;occ; 83; 0;46396
6; 24.4; 14-JAN-2011 02:00:38; Dark ; 44.0; 95; Zet Cen ; 2.55; 26000;occ; 88; 0;46397
7; 271.6; 14-JAN-2011 02:04:45; Dark ; 44.0; 20; Bet Cru ; 1.25; 30000;occ; 88; 0;46397
8; 386.8; 14-JAN-2011 02:06:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46397
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13; 5285.8; 14-JAN-2011 13:29:43; Dark ; 51.5; 104; 27Bet Lib ; 2.61; 13100;occ; 103; 0;46403
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15; 5833.9; 14-JAN-2011 13:38:51; Dark ; 41.0; 109; Bet Lup ; 2.68; 26000;occ; 82; 0;46403
16; 5924.5; 14-JAN-2011 13:40:22; Dark ; 41.5; 78; Alp Lup ; 2.30; 28000;occ; 83; 0;46403
17; 6044.0; 14-JAN-2011 13:42:22; Dark ; 42.5; 95; Zet Cen ; 2.55; 26000;occ; 85; 0;46404
18; 6289.9; 14-JAN-2011 13:46:27; Dark ; 40.0; 20; Bet Cru ; 1.25; 30000;occ; 80; 0;46404
19; 6407.4; 14-JAN-2011 13:48:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46404
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22; 7008.8; 14-JAN-2011 13:58:26; Dark ; 42.5; 34; Gam2Vel ; 1.79; 23000;occ; 85; 0;46404
23; 7136.9; 14-JAN-2011 14:00:34; Dark ; 44.0; 70; Zet Pup ; 2.25; 39000;occ; 88; 0;46404
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4; 2176.4; 14-JAN-2011 14:18:08; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;46404
5; 2279.0; 14-JAN-2011 14:19:51; Bright; 42.0; 151; 13Mu Gem ; 2.89; 3000;occ; 84; 0;46404
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3; 1596.3; 14-JAN-2011 15:48:42; Dark ; 47.5; 1; 9Alp CMA ; -1.44; 11000;occ; 95; 0;46405
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13; 5070.6; 14-JAN-2011 16:46:36; Bright; 56.0; 120; 1Del Oph ; 2.73; 3200;occ; 112; 0;46405
14; 5287.2; 14-JAN-2011 16:50:13; Dark ; 49.5; 104; 27Bet Lib ; 2.61; 13100;occ; 99; 0;46405
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19; 6291.2; 14-JAN-2011 17:06:57; Dark ; 42.0; 20; Bet Cru ; 1.25; 30000;occ; 84; 0;46406
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22; 6846.9; 14-JAN-2011 17:16:12; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;46406
23; 7009.8; 14-JAN-2011 17:18:55; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;46406
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6; 2176.1; 14-JAN-2011 17:38:36; Dark ; 55.0; 44; 24Gam Gem ; 1.93; 11000;occ; 110; 0;46406
7; 2278.7; 14-JAN-2011 17:40:18; Bright; 42.0; 151; 13Mu Gem ; 2.89; 3000;occ; 84; 0;46406
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19; 6046.4; 14-JAN-2011 18:43:06; Dark ; 43.5; 95; Zet Cen ; 2.55; 26000;occ; 87; 0;46407
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22; 6735.5; 14-JAN-2011 18:54:35; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;46407
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4; 35.5; 15-JAN-2011 01:24:05; Dark ; 45.5; 95; Zet Cen ; 2.55; 26000;occ; 91; 0;46411
5; 280.0; 15-JAN-2011 01:28:10; Dark ; 42.0; 20; Bet Cru ; 1.25; 30000;occ; 84; 0;46411
6; 399.9; 15-JAN-2011 01:30:10; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46411
7; 723.1; 15-JAN-2011 01:35:33; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;46411
8; 834.5; 15-JAN-2011 01:37:24; Dark ; 39.5; 46; Del Vel ; 1.95; 10600;occ; 79; 0;46411
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24; 7023.7; 17-JAN-2011 10:28:16; Dark ; 41.5; 34; Gam2Vel ; 1.79; 23000;occ; 83; 0;46445
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 17; 5952.4; 17-JAN-2011 13:30:53; Dark ; 50.0; 54; 5The Cen ; 2.06; 4500;occ; 100; 0;46446  
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 9; 4963.7; 17-JAN-2011 14:54:38; Bright; 64.0; 102; 24Alp Ser ; 2.60; 4250;occ; 128; 0;46447  
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 23; 6683.2; 17-JAN-2011 17:03:32; Dark ; 50.0; 113; Mu Vel ; 2.69; 5000;occ; 100; 0;46449  
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 6; 166.0; 19-JAN-2011 02:19:49; Dark ; 42.0; 77; Eps Cen ; 2.30; 28000;occ; 84; 0;46469  
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 9; 684.1; 19-JAN-2011 02:28:27; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;46469  
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23; 2324.8; 19-JAN-2011 06:16:16; Bright; 38.5; 170; 27Eps Gem ; 3.00; 9700;occ; 77; 0;46471  
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6; 174.8; 19-JAN-2011 22:22:46; Dark ; 42.5; 77; Eps Cen ; 2.30; 28000;occ; 85; 0;46481
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9; 4995.2; 21-JAN-2011 10:48:01; Bright; 47.5; 102; 24Alp Ser ; 2.60; 4250;occ; 95; 0;46502
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12; 5587.9; 21-JAN-2011 10:57:53; Dark ; 50.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 100; 0;46502
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 6; 3627.4; 21-JAN-2011 15:25:55; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46505

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19; 6249.1; 22-JAN-2011 18:53:21; Dark ; 52.5; 123; Tot Cen ; 2.75; 10200;occ; 105; 0;46522
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22; 6736.4; 22-JAN-2011 19:01:28; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;46522
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12; 4447.3; 22-JAN-2011 20:03:33; Bright; 57.0; 133; 40Zet Her ; 2.81; 6000;occ; 114; 0;46522
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16; 3353.5; 23-JAN-2011 02:26:15; Bright; 48.0; 36; 50Alp UMa ; 1.80; 6300;occ; 96; 0;46526
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22; 5010.7; 23-JAN-2011 02:53:52; Bright; 53.5; 102; 24Alp Ser ; 2.60; 4250;occ; 107; 0;46526
23; 5203.2; 23-JAN-2011 02:57:05; Dark ; 46.0; 98; 13Zet Oph ; 2.57; 30000;occ; 92; 0;46526
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16; 822.8; 23-JAN-2011 05:04:33; Dark ; 41.0; 91; Kap Vel ; 2.49; 26000;occ; 82; 0;46528
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12; 5018.3; 23-JAN-2011 21:16:34; Dark ; 61.0; 102; 24Alp Ser ; 2.60; 4250;occ; 122; 0;46537
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 6; 61.6; 25-JAN-2011 01:58:10; Dark ; 56.0; 54; 5The Cen ; 2.06; 4500;occ; 112; 0;46555
 7; 204.8; 25-JAN-2011 02:00:33; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;46555
 8; 411.3; 25-JAN-2011 02:03:59; Dark ; 43.5; 12; Alp1Cru ; 0.77; 30000;occ; 87; 0;46555
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