

# GOMOS Daily Report 23-FEB-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](#)

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	26FEB2011 07:05:15
Data source version	GOMOS/5.01
Start time of products	23FEB2011 00:04:10
Stop time of products	23FEB2011 23:56:32
Store outputs in DB	Yes
Nb of level 1b prods	254
Nb of prods with errors	1

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

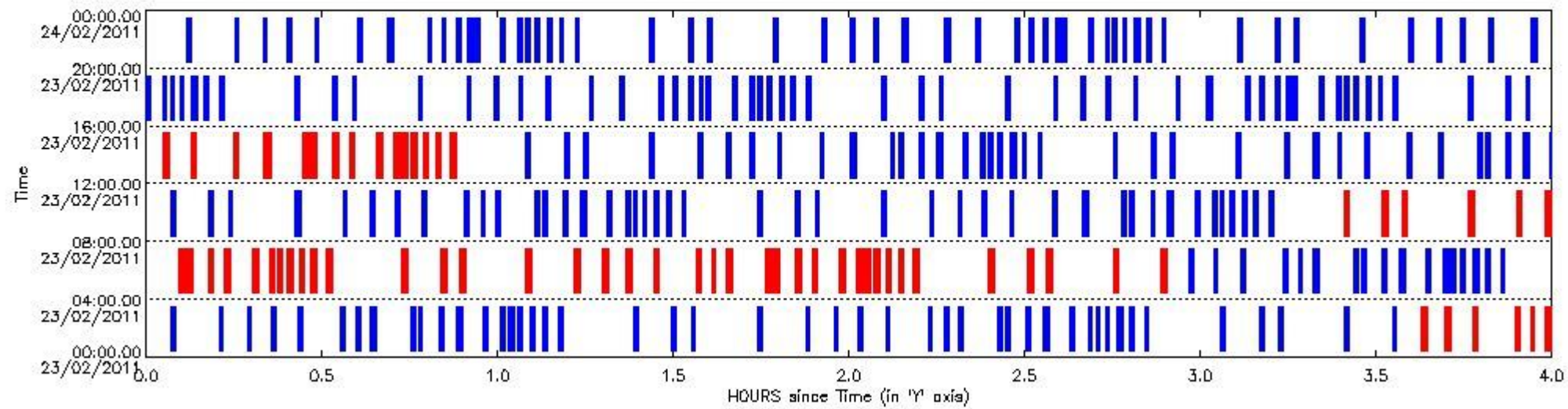
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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-FEB-2011 03:37:36	14EtaDra	119	46972
23-FEB-2011 03:41:43	23BetDra	130	46972
23-FEB-2011 03:46:24	3AlpLyr	5	46972
23-FEB-2011 03:53:39	17ZetAql	168	46972
23-FEB-2011 03:56:21	55AlpOph	59	46972
23-FEB-2011 03:58:46	60BetOph	126	46972
23-FEB-2011 04:05:33	22LamSgr	137	46972
23-FEB-2011 04:06:55	19DelSgr	116	46972
23-FEB-2011 04:10:29	35LamSco	25	46972
23-FEB-2011 04:13:23	DSA1044	0	46972
23-FEB-2011 04:17:58	GamLup	131	46973
23-FEB-2011 04:21:00	Alp1Cen	4	46973
23-FEB-2011 04:22:20	BetCen	10	46973
23-FEB-2011 04:23:57	EpsCen	77	46973
23-FEB-2011 04:26:01	GamCru	26	46973

23-FEB-2011 04:28:06	DelCen	99	46973
23-FEB-2011 04:30:44	MuVel	113	46973
23-FEB-2011 04:43:37	30AlpHya	48	46973
23-FEB-2011 04:50:11	32AlpLeo	22	46973
23-FEB-2011 04:53:30	17EpsLeo	166	46973
23-FEB-2011 05:04:49	48BetUMa	82	46973
23-FEB-2011 05:13:03	7BetUMi	60	46973
23-FEB-2011 05:17:50	14EtaDra	119	46973
23-FEB-2011 05:21:57	23BetDra	130	46973
23-FEB-2011 05:26:38	3AlpLyr	5	46973
23-FEB-2011 05:33:53	17ZetAql	168	46973
23-FEB-2011 05:36:36	55AlpOph	59	46973
23-FEB-2011 05:39:01	60BetOph	126	46973
23-FEB-2011 05:45:48	22LamSgr	137	46973
23-FEB-2011 05:47:10	19DelSgr	116	46973
23-FEB-2011 05:50:44	35LamSco	25	46973
23-FEB-2011 05:53:38	DSA1044	0	46973
23-FEB-2011 05:58:13	GamLup	131	46974
23-FEB-2011 06:01:15	Alp1Cen	4	46974
23-FEB-2011 06:02:34	BetCen	10	46974
23-FEB-2011 06:04:11	EpsCen	77	46974
23-FEB-2011 06:06:16	GamCru	26	46974
23-FEB-2011 06:08:21	DelCen	99	46974
23-FEB-2011 06:10:59	MuVel	113	46974
23-FEB-2011 06:23:51	30AlpHya	48	46974
23-FEB-2011 06:30:25	32AlpLeo	22	46974
23-FEB-2011 06:33:44	17EpsLeo	166	46974
23-FEB-2011 06:45:03	48BetUMa	82	46974
23-FEB-2011 06:53:17	7BetUMi	60	46974
23-FEB-2011 11:24:33	30AlpHya	48	46977
23-FEB-2011 11:31:06	32AlpLeo	22	46977
23-FEB-2011 11:34:25	17EpsLeo	166	46977
23-FEB-2011 11:45:43	48BetUMa	82	46977
23-FEB-2011 11:53:58	7BetUMi	60	46977
23-FEB-2011 11:58:44	14EtaDra	119	46977
23-FEB-2011 12:02:52	23BetDra	130	46977
23-FEB-2011 12:07:35	3AlpLyr	5	46977
23-FEB-2011 12:14:50	17ZetAql	168	46977
23-FEB-2011 12:19:59	60BetOph	126	46977
23-FEB-2011 12:26:46	22LamSgr	137	46977
23-FEB-2011 12:28:08	19DelSgr	116	46977
23-FEB-2011 12:31:43	35LamSco	25	46977
23-FEB-2011 12:34:38	DSA1044	0	46977
23-FEB-2011 12:39:14	GamLup	131	46978
23-FEB-2011 12:42:13	Alp1Cen	4	46978
23-FEB-2011 12:43:33	BetCen	10	46978
23-FEB-2011 12:45:10	EpsCen	77	46978
23-FEB-2011 12:47:14	GamCru	26	46978
23-FEB-2011 12:49:19	DelCen	99	46978
23-FEB-2011 12:51:56	MuVel	113	46978

#### 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_1PNPDE20110223_000410_000000443099_00404_46970_3510.N1	23-FEB-2011 00:04:10	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	46970	No
2	GOM_TRA_1PNPDE20110223_001223_000000373099_00404_46970_3511.N1	23-FEB-2011 00:12:23	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46970	No
3	GOM_TRA_1PNPDE20110223_001710_000000443099_00404_46970_3512.N1	23-FEB-2011 00:17:10	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46970	No
4	GOM_TRA_1PNPDE20110223_002117_000000443099_00404_46970_3513.N1	23-FEB-2011 00:21:17	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	46970	No

5	GOM_TRA_1PNPDE20110223_002558_000000433099_00404_46970_3514.N1	23-FEB-2011 00:25:58	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	46970	No
6	GOM_TRA_1PNPDE20110223_003312_000000383099_00404_46970_3515.N1	23-FEB-2011 00:33:12	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	46970	No
7	GOM_TRA_1PNPDE20110223_003553_000000493099_00404_46970_3516.N1	23-FEB-2011 00:35:53	Twilight	49.000	59	55Alp Oph	2.0800	8900.0	98	46970	No
8	GOM_TRA_1PNPDE20110223_003818_000000613099_00404_46970_3517.N1	23-FEB-2011 00:38:18	Twilight	60.500	126	60Bet Oph	2.7700	4250.0	121	46970	No
9	GOM_TRA_1PNPDE20110223_004506_000000453099_00404_46970_3526.N1	23-FEB-2011 00:45:06	Dark	45.000	137	22Lam Sgr	2.8240	4400.0	90	46970	No
10	GOM_TRA_1PNPDE20110223_004627_000000413099_00404_46970_3527.N1	23-FEB-2011 00:46:27	Dark	41.000	116	19Del Sgr	2.7000	4100.0	82	46970	No
11	GOM_TRA_1PNPDE20110223_005002_000000473099_00404_46970_3528.N1	23-FEB-2011 00:50:02	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	46970	No
12	GOM_TRA_1PNPDE20110223_005729_000000503099_00405_46971_3529.N1	23-FEB-2011 00:57:29	Dark	49.500	131	Gam Lup	2.8000	26000.	99	46971	No
13	GOM_TRA_1PNPDE20110223_010032_000000453099_00405_46971_3530.N1	23-FEB-2011 01:00:32	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	46971	No
14	GOM_TRA_1PNPDE20110223_010152_000000543099_00405_46971_3531.N1	23-FEB-2011 01:01:52	Dark	53.500	10	Bet Cen	0.61000	28000.	107	46971	No
15	GOM_TRA_1PNPDE20110223_010329_000000453099_00405_46971_3532.N1	23-FEB-2011 01:03:29	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46971	No
16	GOM_TRA_1PNPDE20110223_010533_000000513099_00405_46971_3533.N1	23-FEB-2011 01:05:33	Dark	50.500	26	Gam Cru	1.6240	2900.0	101	46971	No
17	GOM_TRA_1PNPDE20110223_010738_000000433099_00405_46971_3534.N1	23-FEB-2011 01:07:38	Dark	43.000	99	Del Cen	2.5750	26000.	86	46971	No
18	GOM_TRA_1PNPDE20110223_011017_000000463099_00405_46971_3535.N1	23-FEB-2011 01:10:17	Straylight	45.500	113	Mu Vel	2.6920	5000.0	91	46971	No
19	GOM_TRA_1PNPDE20110223_012310_000000503099_00405_46971_3536.N1	23-FEB-2011 01:23:10	Twilight	49.500	48	30Alp Hya	1.9770	4100.0	99	46971	No
20	GOM_TRA_1PNPDE20110223_012945_000000433099_00405_46971_3537.N1	23-FEB-2011 01:29:45	Bright	42.500	22	32Alp Leo	1.3600	15200.	85	46971	No
21	GOM_TRA_1PNPDE20110223_013304_000000423099_00405_46971_3538.N1	23-FEB-2011 01:33:04	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	46971	No
22	GOM_TRA_1PNPDE20110223_014424_000000433099_00405_46971_3539.N1	23-FEB-2011 01:44:24	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	46971	No
23	GOM_TRA_1PNPDE20110223_015237_000000393099_00405_46971_3540.N1	23-FEB-2011 01:52:37	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46971	No
24	GOM_TRA_1PNPDE20110223_015724_000000453099_00405_46971_3541.N1	23-FEB-2011 01:57:24	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	46971	No
25	GOM_TRA_1PNPDE20110223_020131_000000443099_00405_46971_3542.N1	23-FEB-2011 02:01:31	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	46971	No
26	GOM_TRA_1PNPDE20110223_020612_000000403099_00405_46971_3543.N1	23-FEB-2011 02:06:12	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	46971	No
27	GOM_TRA_1PNPDE20110223_021326_000000373099_00405_46971_3544.N1	23-FEB-2011 02:13:26	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	46971	No
28	GOM_TRA_1PNPDE20110223_021608_000000493099_00405_46971_3545.N1	23-FEB-2011 02:16:08	Twilight	49.000	59	55Alp Oph	2.0800	8900.0	98	46971	No
29	GOM_TRA_1PNPDE20110223_021832_000000593099_00405_46971_3547.N1	23-FEB-2011 02:18:32	Twilight	59.000	126	60Bet Oph	2.7700	4250.0	118	46971	No
30	GOM_TRA_1PNPDE20110223_022520_000000453099_00405_46971_3548.N1	23-FEB-2011 02:25:20	Dark	44.500	137	22Lam Sgr	2.8240	4400.0	89	46971	No
31	GOM_TRA_1PNPDE20110223_022642_000000463099_00405_46971_3549.N1	23-FEB-2011 02:26:42	Dark	45.500	116	19Del Sgr	2.7000	4100.0	91	46971	No
32	GOM_TRA_1PNPDE20110223_023016_000000483099_00405_46971_3550.N1	23-FEB-2011 02:30:16	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	46971	No
33	GOM_TRA_1PNPDE20110223_023744_000000513099_00406_46972_3551.N1	23-FEB-2011 02:37:44	Dark	51.000	131	Gam Lup	2.8000	26000.	102	46972	No
34	GOM_TRA_1PNPDE20110223_024047_000000453099_00406_46972_3552.N1	23-FEB-2011 02:40:47	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	46972	No
35	GOM_TRA_1PNPDE20110223_024206_000000473099_00406_46972_3553.N1	23-FEB-2011 02:42:06	Dark	46.500	10	Bet Cen	0.61000	28000.	93	46972	No
36	GOM_TRA_1PNPDE20110223_024344_000000443099_00406_46972_3554.N1	23-FEB-2011 02:43:44	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46972	No
37	GOM_TRA_1PNPDE20110223_024548_000000583099_00406_46972_3555.N1	23-FEB-2011 02:45:48	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	46972	No
38	GOM_TRA_1PNPDE20110223_024753_000000433099_00406_46972_3556.N1	23-FEB-2011 02:47:53	Dark	42.500	99	Del Cen	2.5750	26000.	85	46972	No
39	GOM_TRA_1PNPDE20110223_025031_000000413099_00406_46972_3557.N1	23-FEB-2011 02:50:31	Straylight	41.000	113	Mu Vel	2.6920	5000.0	82	46972	No
40	GOM_TRA_1PNPDE20110223_030324_000000533099_00406_46972_3558.N1	23-FEB-2011 03:03:24	Twilight	53.000	48	30Alp Hya	1.9770	4100.0	106	46972	No
41	GOM_TRA_1PNPDE20110223_030959_000000633099_00406_46972_3559.N1	23-FEB-2011 03:09:59	Bright	63.000	22	32Alp Leo	1.3600	15200.	126	46972	No
42	GOM_TRA_1PNPDE20110223_031318_000000423099_00406_46972_3560.N1	23-FEB-2011 03:13:18	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	46972	No
43	GOM_TRA_1PNPDE20110223_032437_000000433099_00406_46972_3561.N1	23-FEB-2011 03:24:37	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	46972	No
44	GOM_TRA_1PNPDE20110223_033251_000000403099_00406_46972_3562.N1	23-FEB-2011 03:32:51	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46972	No
45	GOM_TRA_1PNPDK20110223_065805_000000453099_00408_46974_0148.N1	23-FEB-2011 06:58:05	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	46974	No
46	GOM_TRA_1PNPDK20110223_070212_000000463099_00408_46974_0149.N1	23-FEB-2011 07:02:12	Bright	45.500	130	23Bet Dra	2.7990	5800.0	91	46974	No
47	GOM_TRA_1PNPDK20110223_070654_000000443099_00408_46974_0150.N1	23-FEB-2011 07:06:54	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	46974	No
48	GOM_TRA_1PNPDK20110223_071409_000000453099_00408_46974_0151.N1	23-FEB-2011 07:14:09	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	46974	No
49	GOM_TRA_1PNPDK20110223_071652_000000313099_00408_46974_0152.N1	23-FEB-2011 07:16:52	Twilight	31.000	59	55Alp Oph	2.0800	8900.0	62	46974	No
50	GOM_TRA_1PNPDK20110223_071917_000000573099_00408_46974_0153.N1	23-FEB-2011 07:19:17	Twilight	56.500	126	60Bet Oph	2.7700	4250.0	113	46974	No
51	GOM_TRA_1PNPDK20110223_072604_000000473099_00408_46974_0154.N1	23-FEB-2011 07:26:04	Dark	46.500	137	22Lam Sgr	2.8240	4400.0	93	46974	No
52	GOM_TRA_1PNPDK20110223_072726_000000483099_00408_46974_0155.N1	23-FEB-2011 07:27:26	Dark	47.500	116	19Del Sgr	2.7000	4100.0	95	46974	No
53	GOM_TRA_1PNPDK20110223_073100_000000473099_00408_46974_0156.N1	23-FEB-2011 07:31:00	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	46974	No
54	GOM_TRA_1PNPDK20110223_073830_000000493099_00409_46975_0157.N1	23-FEB-2011 07:38:30	Dark	48.500	131	Gam Lup	2.8000	26000.	97	46975	No
55	GOM_TRA_1PNPDK20110223_074131_000000523099_00409_46975_0158.N1	23-FEB-2011 07:41:31	Dark	51.500	4	Alp1Cen	-0.010000	5800.0	103	46975	No
56	GOM_TRA_1PNPDK20110223_074251_000000523099_00409_46975_0159.N1	23-FEB-2011 07:42:51	Dark	51.500	10	Bet Cen	0.61000	28000.	103	46975	No
57	GOM_TRA_1PNPDK20110223_074428_000000453099_00409_46975_0160.N1	23-FEB-2011 07:44:28	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46975	No
58	GOM_TRA_1PNPDK20110223_074632_000000563099_00409_46975_0161.N1	23-FEB-2011 07:46:32	Dark	56.000	26	Gam Cru	1.6240	2900.0	112	46975	No
59	GOM_TRA_1PNPDK20110223_074837_000000443099_00409_46975_0162.N1	23-FEB-2011 07:48:37	Dark	44.000	99	Del Cen	2.5750	26000.	88	46975	No
60	GOM_TRA_1PNPDK20110223_075115_000000443099_00409_46975_0163.N1	23-FEB-2011 07:51:15	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	46975	No
61	GOM_TRA_1PNPDK20110223_080407_000000543099_00409_46975_0187.N1	23-FEB-2011 08:04:07	Twilight	54.000	48	30Alp Hya	1.9770	4100.0	108	46975	No
62	GOM_TRA_1PNPDK20110223_081040_000000473099_00409_46975_0188.N1	23-FEB-2011 08:10:40	Bright	46.500	22	32Alp Leo	1.3600	15200.	93	46975	No
63	GOM_TRA_1PNPDK20110223_081359_000000423099_00409_46975_0189.N1	23-FEB-2011 08:13:59	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	46975	No



64	GOM_TRA_1PNPDK20110223_082518_000000633099_00409_46975_0190.N1	23-FEB-2011 08:25:18	Bright	63.000	82	48Bet UMa	2.3650	10600.	126	46975	No
65	GOM_TRA_1PNPDK20110223_083332_000000373099_00409_46975_0191.N1	23-FEB-2011 08:33:32	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46975	No
66	GOM_TRA_1PNPDK20110223_083818_000000473099_00409_46975_0192.N1	23-FEB-2011 08:38:18	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	46975	No
67	GOM_TRA_1PNPDK20110223_084226_000000453099_00409_46975_0193.N1	23-FEB-2011 08:42:26	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	46975	No
68	GOM_TRA_1PNPDK20110223_084708_000000403099_00409_46975_0194.N1	23-FEB-2011 08:47:08	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	46975	No
69	GOM_TRA_1PNPDK20110223_085423_000000373099_00409_46975_0195.N1	23-FEB-2011 08:54:23	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	46975	No
70	GOM_TRA_1PNPDK20110223_085706_000000313099_00409_46975_0196.N1	23-FEB-2011 08:57:06	Twi_and_stray	31.000	59	55Alp Oph	2.0800	8900.0	62	46975	No
71	GOM_TRA_1PNPDK20110223_085931_000000603099_00409_46975_0197.N1	23-FEB-2011 08:59:31	Twi_and_stray	59.500	126	60Bet Oph	2.7700	4250.0	119	46975	No
72	GOM_TRA_1PNPDK20110223_090619_000000453099_00409_46975_0198.N1	23-FEB-2011 09:06:19	Dark	45.000	137	22Lam Sgr	2.8240	4400.0	90	46975	No
73	GOM_TRA_1PNPDK20110223_090740_000000473099_00409_46975_0199.N1	23-FEB-2011 09:07:40	Dark	46.500	116	19Del Sgr	2.7000	4100.0	93	46975	No
74	GOM_TRA_1PNPDK20110223_091115_000000483099_00409_46975_0200.N1	23-FEB-2011 09:11:15	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	46975	No
75	GOM_TRA_1PNPDK20110223_091845_000000503099_00410_46976_0201.N1	23-FEB-2011 09:18:45	Dark	49.500	131	Gam Lup	2.8000	26000.	99	46976	No
76	GOM_TRA_1PNPDK20110223_092146_000000553099_00410_46976_0202.N1	23-FEB-2011 09:21:46	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	46976	No
77	GOM_TRA_1PNPDK20110223_092305_000000443099_00410_46976_0203.N1	23-FEB-2011 09:23:05	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46976	No
78	GOM_TRA_1PNPDK20110223_092443_000000453099_00410_46976_0204.N1	23-FEB-2011 09:24:43	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46976	No
79	GOM_TRA_1PNPDK20110223_092646_000000493099_00410_46976_0205.N1	23-FEB-2011 09:26:46	Dark	48.500	26	Gam Cru	1.6240	2900.0	97	46976	No
80	GOM_TRA_1PNPDK20110223_092852_000000423099_00410_46976_0206.N1	23-FEB-2011 09:28:52	Dark	41.500	99	Del Cen	2.5750	26000.	83	46976	No
81	GOM_TRA_1PNPDK20110223_093129_000000413099_00410_46976_0207.N1	23-FEB-2011 09:31:29	Straylight	40.500	113	Mu Vel	2.6920	5000.0	81	46976	No
82	GOM_TRA_1PNPDK20110223_094421_000000513099_00410_46976_0223.N1	23-FEB-2011 09:44:21	Twi_and_stray	51.000	48	30Alp Hya	1.9770	4100.0	102	46976	Yes
83	GOM_TRA_1PNPDK20110223_095054_000000463099_00410_46976_0224.N1	23-FEB-2011 09:50:54	Bright	45.500	22	32Alp Leo	1.3600	15200.	91	46976	No
84	GOM_TRA_1PNPDK20110223_095413_000000423099_00410_46976_0225.N1	23-FEB-2011 09:54:13	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	46976	No
85	GOM_TRA_1PNPDK20110223_100531_000000433099_00410_46976_0226.N1	23-FEB-2011 10:05:31	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	46976	No
86	GOM_TRA_1PNPDK20110223_101345_000000423099_00410_46976_0227.N1	23-FEB-2011 10:13:45	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46976	No
87	GOM_TRA_1PNPDK20110223_101832_000000453099_00410_46976_0228.N1	23-FEB-2011 10:18:32	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	46976	No
88	GOM_TRA_1PNPDK20110223_102240_000000433099_00410_46976_0229.N1	23-FEB-2011 10:22:40	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	46976	No
89	GOM_TRA_1PNPDK20110223_102722_000000403099_00410_46976_0230.N1	23-FEB-2011 10:27:22	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	46976	No
90	GOM_TRA_1PNPDK20110223_103437_000000553099_00410_46976_0231.N1	23-FEB-2011 10:34:37	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	46976	No
91	GOM_TRA_1PNPDK20110223_103946_000000613099_00410_46976_0232.N1	23-FEB-2011 10:39:46	Twi_and_stray	61.000	126	60Bet Oph	2.7700	4250.0	122	46976	No
92	GOM_TRA_1PNPDK20110223_104633_000000463099_00410_46976_0233.N1	23-FEB-2011 10:46:33	Dark	45.500	137	22Lam Sgr	2.8240	4400.0	91	46976	No
93	GOM_TRA_1PNPDK20110223_104755_000000453099_00410_46976_0234.N1	23-FEB-2011 10:47:55	Dark	44.500	116	19Del Sgr	2.7000	4100.0	89	46976	No
94	GOM_TRA_1PNPDK20110223_105130_000000473099_00410_46976_0235.N1	23-FEB-2011 10:51:30	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	46976	No
95	GOM_TRA_1PNPDK20110223_105900_000000503099_00411_46977_0236.N1	23-FEB-2011 10:59:00	Dark	49.500	131	Gam Lup	2.8000	26000.	99	46977	No
96	GOM_TRA_1PNPDK20110223_110200_000000583099_00411_46977_0237.N1	23-FEB-2011 11:02:00	Dark	58.000	4	Alp1Cen	-0.010000	5800.0	116	46977	No
97	GOM_TRA_1PNPDK20110223_110319_000000443099_00411_46977_0238.N1	23-FEB-2011 11:03:19	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46977	No
98	GOM_TRA_1PNPDK20110223_110457_000000453099_00411_46977_0239.N1	23-FEB-2011 11:04:57	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46977	No
99	GOM_TRA_1PNPDK20110223_110701_000000533099_00411_46977_0240.N1	23-FEB-2011 11:07:01	Dark	52.500	26	Gam Cru	1.6240	2900.0	105	46977	No
100	GOM_TRA_1PNPDK20110223_110906_000000443099_00411_46977_0241.N1	23-FEB-2011 11:09:06	Dark	44.000	99	Del Cen	2.5750	26000.	88	46977	No
101	GOM_TRA_1PNPDK20110223_111143_000000443099_00411_46977_0242.N1	23-FEB-2011 11:11:43	Straylight	44.000	113	Mu Vel	2.6920	5000.0	88	46977	No
102	GOM_TRA_1PNPDK20110223_112435_000000533099_00411_46977_0263.N1	23-FEB-2011 11:24:35	Twi_and_stray	53.000	48	30Alp Hya	1.9770	4100.0	106	46977	No
103	GOM_TRA_1PNPDK20110223_113107_000000443099_00411_46977_0264.N1	23-FEB-2011 11:31:07	Bright	44.000	22	32Alp Leo	1.3600	15200.	88	46977	No
104	GOM_TRA_1PNPDK20110223_113426_000000423099_00411_46977_0265.N1	23-FEB-2011 11:34:26	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	46977	No
105	GOM_TRA_1PNPDK20110223_114545_000000443099_00411_46977_0266.N1	23-FEB-2011 11:45:45	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	46977	No
106	GOM_TRA_1PNPDK20110223_115359_000000393099_00411_46977_0267.N1	23-FEB-2011 11:53:59	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46977	No
107	GOM_TRA_1PNPDK20110223_115846_000000433099_00411_46977_0268.N1	23-FEB-2011 11:58:46	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	46977	No
108	GOM_TRA_1PNPDK20110223_120254_000000423099_00411_46977_0269.N1	23-FEB-2011 12:02:54	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	46977	No
109	GOM_TRA_1PNPDK20110223_120736_000000393099_00411_46977_0270.N1	23-FEB-2011 12:07:36	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	46977	No
110	GOM_TRA_1PNPDK20110223_121451_000000553099_00411_46977_0271.N1	23-FEB-2011 12:14:51	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	46977	No
111	GOM_TRA_1PNPDK20110223_122001_000000553099_00411_46977_0272.N1	23-FEB-2011 12:20:01	Twi_and_stray	54.500	126	60Bet Oph	2.7700	4250.0	109	46977	No
112	GOM_TRA_1PNPDK20110223_122648_000000453099_00411_46977_0273.N1	23-FEB-2011 12:26:48	Dark	44.500	137	22Lam Sgr	2.8240	4400.0	89	46977	No
113	GOM_TRA_1PNPDK20110223_122809_000000453099_00411_46977_0274.N1	23-FEB-2011 12:28:09	Dark	44.500	116	19Del Sgr	2.7000	4100.0	89	46977	No
114	GOM_TRA_1PNPDK20110223_123144_000000443099_00411_46977_0275.N1	23-FEB-2011 12:31:44	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	46977	No
115	GOM_TRA_1PNPDK20110223_123915_000000503099_00412_46978_0276.N1	23-FEB-2011 12:39:15	Dark	50.000	131	Gam Lup	2.8000	26000.	100	46978	No
116	GOM_TRA_1PNPDK20110223_124215_000000453099_00412_46978_0277.N1	23-FEB-2011 12:42:15	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	46978	No
117	GOM_TRA_1PNPDK20110223_124334_000000453099_00412_46978_0278.N1	23-FEB-2011 12:43:34	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46978	No
118	GOM_TRA_1PNPDK20110223_124512_000000453099_00412_46978_0279.N1	23-FEB-2011 12:45:12	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46978	No
119	GOM_TRA_1PNPDK20110223_124715_000000583099_00412_46978_0280.N1	23-FEB-2011 12:47:15	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	46978	No
120	GOM_TRA_1PNPDK20110223_124921_000000433099_00412_46978_0281.N1	23-FEB-2011 12:49:21	Dark	42.500	99	Del Cen	2.5750	26000.	85	46978	No
121	GOM_TRA_1PNPDK20110223_125158_000000453099_00412_46978_0282.N1	23-FEB-2011 12:51:58	Straylight	45.000	113	Mu Vel	2.6920	5000.0	90	46978	No
122	GOM_TRA_1PNPDK20110223_130449_000000463099_00412_46978_0294.N1	23-FEB-2011 13:04:49	Twi_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	46978	No

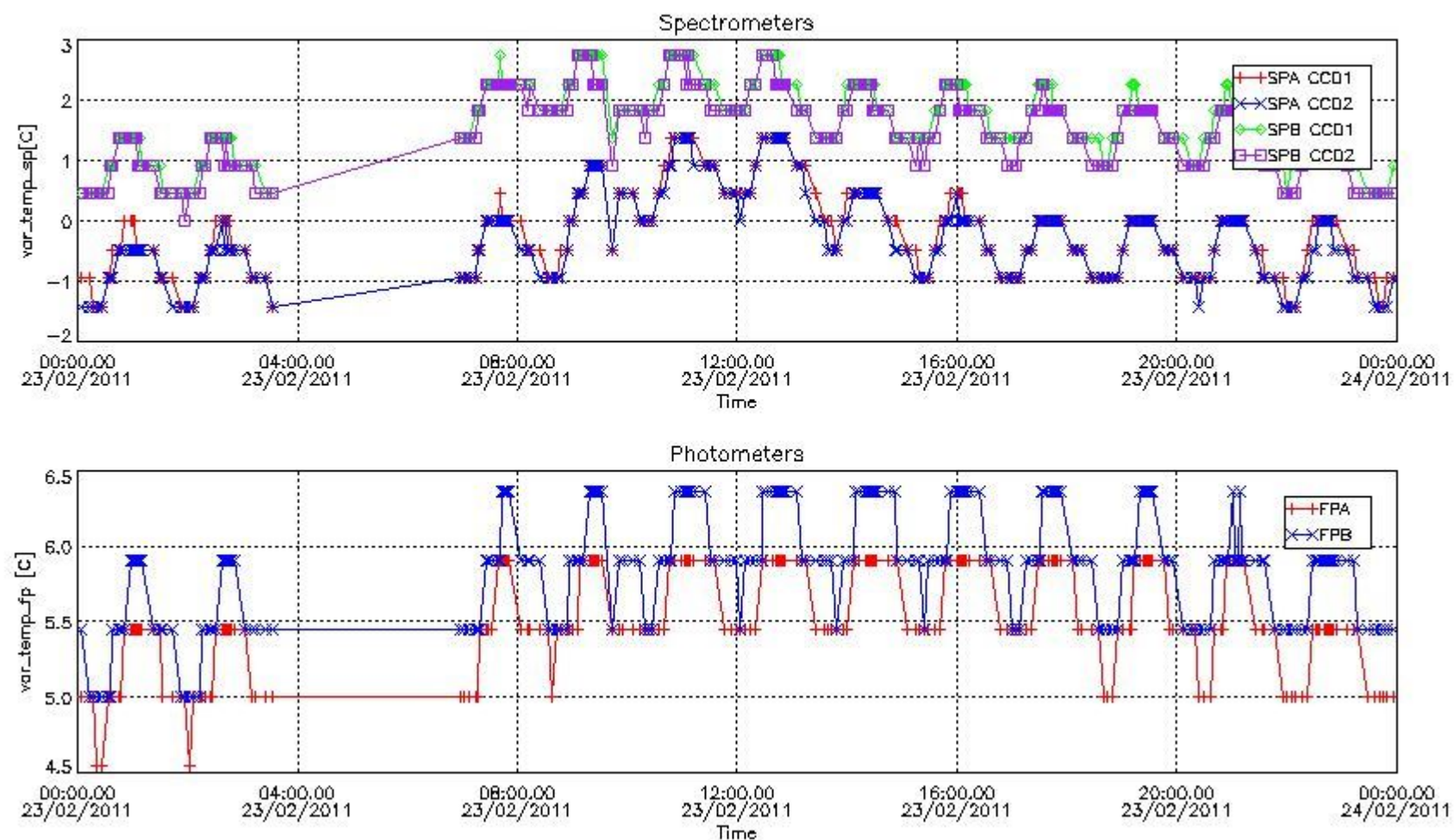
123	GOM_TRA_1PNPDK20110223_131121_000000473099_00412_46978_0295.N1	23-FEB-2011 13:11:21	Bright	47.000	22	32Alp Leo	1.3600	15200.	94	46978	No
124	GOM_TRA_1PNPDK20110223_131440_000000403099_00412_46978_0296.N1	23-FEB-2011 13:14:40	Bright	40.000	166	17Eps Leo	2.9800	6000.0	80	46978	No
125	GOM_TRA_1PNPDK20110223_132558_000000423099_00412_46978_0297.N1	23-FEB-2011 13:25:58	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	46978	No
126	GOM_TRA_1PNPDK20110223_133413_000000413099_00412_46978_0298.N1	23-FEB-2011 13:34:13	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46978	No
127	GOM_TRA_1PNPDK20110223_133859_000000443099_00412_46978_0299.N1	23-FEB-2011 13:38:59	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	46978	No
128	GOM_TRA_1PNPDK20110223_134307_000000443099_00412_46978_0300.N1	23-FEB-2011 13:43:07	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	46978	No
129	GOM_TRA_1PNPDK20110223_134750_000000383099_00412_46978_0301.N1	23-FEB-2011 13:47:50	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	46978	No
130	GOM_TRA_1PNPDK20110223_135506_000000373099_00412_46978_0302.N1	23-FEB-2011 13:55:06	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	46978	No
131	GOM_TRA_1PNPDK20110223_140015_000000613099_00412_46978_0303.N1	23-FEB-2011 14:00:15	Twilight	61.000	126	60Bet Oph	2.7700	4250.0	122	46978	No
132	GOM_TRA_1PNPDK20110223_140702_000000453099_00412_46978_0304.N1	23-FEB-2011 14:07:02	Dark	45.000	137	22Lam Sgr	2.8240	4400.0	90	46978	No
133	GOM_TRA_1PNPDK20110223_140824_000000473099_00412_46978_0305.N1	23-FEB-2011 14:08:24	Dark	46.500	116	19Del Sgr	2.7000	4100.0	93	46978	No
134	GOM_TRA_1PNPDK20110223_141159_000000483099_00412_46978_0306.N1	23-FEB-2011 14:11:59	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	46978	No
135	GOM_TRA_1PNPDK20110223_141930_000000493099_00413_46979_0307.N1	23-FEB-2011 14:19:30	Dark	49.000	131	Gam Lup	2.8000	26000.	98	46979	No
136	GOM_TRA_1PNPDK20110223_142229_000000453099_00413_46979_0308.N1	23-FEB-2011 14:22:29	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	46979	No
137	GOM_TRA_1PNPDK20110223_142349_000000453099_00413_46979_0309.N1	23-FEB-2011 14:23:49	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46979	No
138	GOM_TRA_1PNPDK20110223_142527_000000453099_00413_46979_0310.N1	23-FEB-2011 14:25:27	Dark	45.000	77	Eps Cen	2.3030	28000.	90	46979	No
139	GOM_TRA_1PNPDK20110223_142730_000000573099_00413_46979_0311.N1	23-FEB-2011 14:27:30	Dark	56.500	26	Gam Cru	1.6240	2900.0	113	46979	No
140	GOM_TRA_1PNPDK20110223_142935_000000433099_00413_46979_0312.N1	23-FEB-2011 14:29:35	Dark	42.500	99	Del Cen	2.5750	26000.	85	46979	No
141	GOM_TRA_1PNPDK20110223_143212_000000413099_00413_46979_0313.N1	23-FEB-2011 14:32:12	Straylight	40.500	113	Mu Vel	2.6920	5000.0	81	46979	No
142	GOM_TRA_1PNPDK20110223_144503_000000463099_00413_46979_0331.N1	23-FEB-2011 14:45:03	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	46979	No
143	GOM_TRA_1PNPDK20110223_145135_000000453099_00413_46979_0332.N1	23-FEB-2011 14:51:35	Bright	45.000	22	32Alp Leo	1.3600	15200.	90	46979	No
144	GOM_TRA_1PNPDK20110223_145454_000000423099_00413_46979_0333.N1	23-FEB-2011 14:54:54	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	46979	No
145	GOM_TRA_1PNPDK20110223_150611_000000443099_00413_46979_0334.N1	23-FEB-2011 15:06:11	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	46979	No
146	GOM_TRA_1PNPDK20110223_151426_000000393099_00413_46979_0335.N1	23-FEB-2011 15:14:26	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46979	No
147	GOM_TRA_1PNPDK20110223_151913_000000653099_00413_46979_0336.N1	23-FEB-2011 15:19:13	Bright	65.000	119	14Eta Dra	2.7270	4700.0	130	46979	No
148	GOM_TRA_1PNPDK20110223_152321_000000453099_00413_46979_0337.N1	23-FEB-2011 15:23:21	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	46979	No
149	GOM_TRA_1PNPDK20110223_152804_000000413099_00413_46979_0338.N1	23-FEB-2011 15:28:04	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	46979	No
150	GOM_TRA_1PNPDK20110223_153520_000000383099_00413_46979_0339.N1	23-FEB-2011 15:35:20	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	46979	No
151	GOM_TRA_1PNPDK20110223_154030_000000603099_00413_46979_0340.N1	23-FEB-2011 15:40:30	Twilight	60.000	126	60Bet Oph	2.7700	4250.0	120	46979	No
152	GOM_TRA_1PNPDK20110223_154717_000000473099_00413_46979_0341.N1	23-FEB-2011 15:47:17	Dark	47.000	137	22Lam Sgr	2.8240	4400.0	94	46979	No
153	GOM_TRA_1PNPDK20110223_154838_000000493099_00413_46979_0342.N1	23-FEB-2011 15:48:38	Dark	48.500	116	19Del Sgr	2.7000	4100.0	97	46979	No
154	GOM_TRA_1PNPDK20110223_155214_000000433099_00413_46979_0343.N1	23-FEB-2011 15:52:14	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	46979	No
155	GOM_TRA_1PNPDK20110223_155945_000000503099_00414_46980_0344.N1	23-FEB-2011 15:59:45	Dark	50.000	131	Gam Lup	2.8000	26000.	100	46980	No
156	GOM_TRA_1PNPDK20110223_160244_000000433099_00414_46980_0345.N1	23-FEB-2011 16:02:44	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	46980	No
157	GOM_TRA_1PNPDK20110223_160403_000000463099_00414_46980_0346.N1	23-FEB-2011 16:04:03	Dark	45.500	10	Bet Cen	0.61000	28000.	91	46980	No
158	GOM_TRA_1PNPDK20110223_160541_000000453099_00414_46980_0347.N1	23-FEB-2011 16:05:41	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46980	No
159	GOM_TRA_1PNPDK20110223_160744_000000583099_00414_46980_0348.N1	23-FEB-2011 16:07:44	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	46980	No
160	GOM_TRA_1PNPDK20110223_160950_000000423099_00414_46980_0349.N1	23-FEB-2011 16:09:50	Dark	42.000	99	Del Cen	2.5750	26000.	84	46980	No
161	GOM_TRA_1PNPDK20110223_161226_000000453099_00414_46980_0350.N1	23-FEB-2011 16:12:26	Straylight	45.000	113	Mu Vel	2.6920	5000.0	90	46980	No
162	GOM_TRA_1PNPDK20110223_162517_000000473099_00414_46980_0356.N1	23-FEB-2011 16:25:17	Twilight	46.500	48	30Alp Hya	1.9770	4100.0	93	46980	No
163	GOM_TRA_1PNPDK20110223_163149_000000453099_00414_46980_0357.N1	23-FEB-2011 16:31:49	Bright	44.500	22	32Alp Leo	1.3600	15200.	89	46980	No
164	GOM_TRA_1PNPDK20110223_163508_000000413099_00414_46980_0358.N1	23-FEB-2011 16:35:08	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	46980	No
165	GOM_TRA_1PNPDK20110223_164625_000000423099_00414_46980_0359.N1	23-FEB-2011 16:46:25	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	46980	No
166	GOM_TRA_1PNPDK20110223_165440_000000423099_00414_46980_0360.N1	23-FEB-2011 16:54:40	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	46980	No
167	GOM_TRA_1PNPDK20110223_165926_000000463099_00414_46980_0361.N1	23-FEB-2011 16:59:26	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	46980	No
168	GOM_TRA_1PNPDK20110223_170335_000000443099_00414_46980_0362.N1	23-FEB-2011 17:03:35	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	46980	No
169	GOM_TRA_1PNPDK20110223_170818_000000423099_00414_46980_0363.N1	23-FEB-2011 17:08:18	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	46980	No
170	GOM_TRA_1PNPDK20110223_171534_000000363099_00414_46980_0364.N1	23-FEB-2011 17:15:34	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	46980	No
171	GOM_TRA_1PNPDK20110223_172045_000000573099_00414_46980_0365.N1	23-FEB-2011 17:20:45	Twilight	57.000	126	60Bet Oph	2.7700	4250.0	114	46980	No
172	GOM_TRA_1PNPDK20110223_172731_000000443099_00414_46980_0366.N1	23-FEB-2011 17:27:31	Dark	43.500	137	22Lam Sgr	2.8240	4400.0	87	46980	No
173	GOM_TRA_1PNPDK20110223_172955_000000413099_00414_46980_0367.N1	23-FEB-2011 17:29:55	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	46980	No
174	GOM_TRA_1PNPDK20110223_173229_000000513099_00414_46980_0368.N1	23-FEB-2011 17:32:29	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	46980	No
175	GOM_TRA_1PNPDK20110223_173423_000000423099_00414_46980_0369.N1	23-FEB-2011 17:34:23	Dark	42.000	16	21Alp Sco	1.0200	3000.0	84	46980	No
176	GOM_TRA_1PNPDK20110223_174001_000000523099_00415_46981_0370.N1	23-FEB-2011 17:40:01	Dark	51.500	131	Gam Lup	2.8000	26000.	103	46981	No
177	GOM_TRA_1PNPDK20110223_174258_000000463099_00415_46981_0371.N1	23-FEB-2011 17:42:58	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	46981	No
178	GOM_TRA_1PNPDK20110223_174418_000000503099_00415_46981_0372.N1	23-FEB-2011 17:44:18	Dark	49.500	10	Bet Cen	0.61000	28000.	99	46981	No
179	GOM_TRA_1PNPDK20110223_174556_000000453099_00415_46981_0373.N1	23-FEB-2011 17:45:56	Dark	45.000	77	Eps Cen	2.3030	28000.	90	46981	No
180	GOM_TRA_1PNPDK20110223_174759_000000583099_00415_46981_0374.N1	23-FEB-2011 17:47:59	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	46981	No
181	GOM_TRA_1PNPDK20110223_175004_000000433099_00415_46981_0375.N1	23-FEB-2011 17:50:04	Dark	43.000	99	Del Cen	2.5750	26000.	86	46981	No

182	GOM_TRA_1PNPDK20110223_175241_000000443099_00415_46981_0376.N1	23-FEB-2011 17:52:41	Straylight	44.000	113	Mu Vel	2.6920	5000.0	88	46981	No
183	GOM_TRA_1PNPDK20110223_180531_000000533099_00415_46981_0494.N1	23-FEB-2011 18:05:31	Twilight_stray	53.000	48	30Alp Hya	1.9770	4100.0	106	46981	No
184	GOM_TRA_1PNPDK20110223_181203_000000463099_00415_46981_0495.N1	23-FEB-2011 18:12:03	Bright	45.500	22	32Alp Leo	1.3600	15200.	91	46981	No
185	GOM_TRA_1PNPDK20110223_181521_000000423099_00415_46981_0496.N1	23-FEB-2011 18:15:21	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	46981	No
186	GOM_TRA_1PNPDK20110223_182638_000000533099_00415_46981_0497.N1	23-FEB-2011 18:26:38	Bright	52.500	82	48Bet UMa	2.3650	10600.	105	46981	No
187	GOM_TRA_1PNPDK20110223_183454_000000403099_00415_46981_0498.N1	23-FEB-2011 18:34:54	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46981	No
188	GOM_TRA_1PNPDK20110223_183940_000000433099_00415_46981_0499.N1	23-FEB-2011 18:39:40	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	46981	No
189	GOM_TRA_1PNPDK20110223_184349_000000443099_00415_46981_0500.N1	23-FEB-2011 18:43:49	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	46981	No
190	GOM_TRA_1PNPDK20110223_184832_000000383099_00415_46981_0501.N1	23-FEB-2011 18:48:32	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	46981	No
191	GOM_TRA_1PNPDK20110223_185549_000000383099_00415_46981_0502.N1	23-FEB-2011 18:55:49	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	46981	No
192	GOM_TRA_1PNPDK20110223_190100_000000583099_00415_46981_0503.N1	23-FEB-2011 19:01:00	Twilight_stray	57.500	126	60Bet Oph	2.7700	4250.0	115	46981	No
193	GOM_TRA_1PNPDK20110223_190746_000000463099_00415_46981_0504.N1	23-FEB-2011 19:07:46	Dark	45.500	137	22Lam Sgr	2.8240	4400.0	91	46981	No
194	GOM_TRA_1PNPDK20110223_191010_000000453099_00415_46981_0505.N1	23-FEB-2011 19:10:10	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	46981	No
195	GOM_TRA_1PNPDK20110223_191244_000000463099_00415_46981_0506.N1	23-FEB-2011 19:12:44	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	46981	No
196	GOM_TRA_1PNPDK20110223_191438_000000423099_00415_46981_0507.N1	23-FEB-2011 19:14:38	Dark	42.000	16	21Alp Sco	1.0200	3000.0	84	46981	No
197	GOM_TRA_1PNPDK20110223_192016_000000503099_00416_46982_0508.N1	23-FEB-2011 19:20:16	Dark	49.500	131	Gam Lup	2.8000	26000.	99	46982	No
198	GOM_TRA_1PNPDK20110223_192313_000000523099_00416_46982_0509.N1	23-FEB-2011 19:23:13	Dark	51.500	4	Alp1Cen	-0.010000	5800.0	103	46982	No
199	GOM_TRA_1PNPDK20110223_192433_000000453099_00416_46982_0510.N1	23-FEB-2011 19:24:33	Dark	44.500	10	Bet Cen	0.61000	28000.	89	46982	No
200	GOM_TRA_1PNPDK20110223_192611_000000443099_00416_46982_0511.N1	23-FEB-2011 19:26:11	Dark	43.500	77	Eps Cen	2.3030	28000.	87	46982	No
201	GOM_TRA_1PNPDK20110223_192813_000000573099_00416_46982_0512.N1	23-FEB-2011 19:28:13	Dark	57.000	26	Gam Cru	1.6240	2900.0	114	46982	No
202	GOM_TRA_1PNPDK20110223_193019_000000453099_00416_46982_0513.N1	23-FEB-2011 19:30:19	Dark	44.500	99	Del Cen	2.5750	26000.	89	46982	No
203	GOM_TRA_1PNPDK20110223_193255_000000433099_00416_46982_0427.N1	23-FEB-2011 19:32:55	Straylight	42.500	113	Mu Vel	2.6920	5000.0	85	46982	No
204	GOM_TRA_1PNPDK20110223_194545_000000493099_00416_46982_0428.N1	23-FEB-2011 19:45:45	Twilight_stray	49.000	48	30Alp Hya	1.9770	4100.0	98	46982	No
205	GOM_TRA_1PNPDK20110223_195216_000000463099_00416_46982_0429.N1	23-FEB-2011 19:52:16	Bright	45.500	22	32Alp Leo	1.3600	15200.	91	46982	No
206	GOM_TRA_1PNPDK20110223_195535_000000403099_00416_46982_0430.N1	23-FEB-2011 19:55:35	Bright	40.000	166	17Eps Leo	2.9800	6000.0	80	46982	No
207	GOM_TRA_1PNPDK20110223_200652_000000433099_00416_46982_0431.N1	23-FEB-2011 20:06:52	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	46982	No
208	GOM_TRA_1PNPDK20110223_201508_000000423099_00416_46982_0432.N1	23-FEB-2011 20:15:08	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46982	No
209	GOM_TRA_1PNPDK20110223_201954_000000463099_00416_46982_0433.N1	23-FEB-2011 20:19:54	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	46982	No
210	GOM_TRA_1PNPDK20110223_202403_000000413099_00416_46982_0434.N1	23-FEB-2011 20:24:03	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	46982	No
211	GOM_TRA_1PNPDK20110223_202847_000000393099_00416_46982_0435.N1	23-FEB-2011 20:28:47	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	46982	No
212	GOM_TRA_1PNPDK20110223_203603_000000563099_00416_46982_0436.N1	23-FEB-2011 20:36:03	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	46982	No
213	GOM_TRA_1PNPDK20110223_204115_000000583099_00416_46982_0437.N1	23-FEB-2011 20:41:15	Twilight_stray	57.500	126	60Bet Oph	2.7700	4250.0	115	46982	No
214	GOM_TRA_1PNPDK20110223_204800_000000443099_00416_46982_0438.N1	23-FEB-2011 20:48:00	Dark	43.500	137	22Lam Sgr	2.8240	4400.0	87	46982	No
215	GOM_TRA_1PNPDK20110223_205024_000000443099_00416_46982_0439.N1	23-FEB-2011 20:50:24	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	46982	No
216	GOM_TRA_1PNPDK20110223_205258_000000423099_00416_46982_0440.N1	23-FEB-2011 20:52:58	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	46982	No
217	GOM_TRA_1PNPDK20110223_205454_000000373099_00416_46982_0441.N1	23-FEB-2011 20:54:54	Dark	37.000	16	21Alp Sco	1.0200	3000.0	74	46982	No
218	GOM_TRA_1PNPDK20110223_210031_000000493099_00417_46983_0442.N1	23-FEB-2011 21:00:31	Dark	48.500	131	Gam Lup	2.8000	26000.	97	46983	No
219	GOM_TRA_1PNPDK20110223_210328_000000443099_00417_46983_0443.N1	23-FEB-2011 21:03:28	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	46983	No
220	GOM_TRA_1PNPDK20110223_210447_000000453099_00417_46983_0444.N1	23-FEB-2011 21:04:47	Dark	44.500	10	Bet Cen	0.61000	28000.	89	46983	No
221	GOM_TRA_1PNPDK20110223_210626_000000463099_00417_46983_0445.N1	23-FEB-2011 21:06:26	Dark	45.500	77	Eps Cen	2.3030	28000.	91	46983	No
222	GOM_TRA_1PNPDK20110223_210828_000000473099_00417_46983_0446.N1	23-FEB-2011 21:08:28	Dark	47.000	26	Gam Cru	1.6240	2900.0	94	46983	No
223	GOM_TRA_1PNPDK20110223_211033_000000413099_00417_46983_0447.N1	23-FEB-2011 21:10:33	Dark	41.000	99	Del Cen	2.5750	26000.	82	46983	No
224	GOM_TRA_1PNPDK20110223_211309_000000473099_00417_46983_0448.N1	23-FEB-2011 21:13:09	Straylight	46.500	113	Mu Vel	2.6920	5000.0	93	46983	No
225	GOM_TRA_1PNPDE20110223_212559_000000493099_00417_46983_3604.N1	23-FEB-2011 21:25:59	Twilight_stray	49.000	48	30Alp Hya	1.9770	4100.0	98	46983	No
226	GOM_TRA_1PNPDE20110223_213230_000000463099_00417_46983_3605.N1	23-FEB-2011 21:32:30	Bright	45.500	22	32Alp Leo	1.3600	15200.	91	46983	No
227	GOM_TRA_1PNPDE20110223_213549_000000413099_00417_46983_3606.N1	23-FEB-2011 21:35:49	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	46983	No
228	GOM_TRA_1PNPDE20110223_214705_000000433099_00417_46983_3607.N1	23-FEB-2011 21:47:05	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	46983	No
229	GOM_TRA_1PNPDE20110223_215521_000000423099_00417_46983_3608.N1	23-FEB-2011 21:55:21	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	46983	No
230	GOM_TRA_1PNPDE20110223_220007_000000453099_00417_46983_3609.N1	23-FEB-2011 22:00:07	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	46983	No
231	GOM_TRA_1PNPDE20110223_220417_000000453099_00417_46983_3610.N1	23-FEB-2011 22:04:17	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	46983	No
232	GOM_TRA_1PNPDE20110223_220901_000000583099_00417_46983_3611.N1	23-FEB-2011 22:09:01	Bright	58.000	5	3Alp Lyr	0.033000	11000.	116	46983	No
233	GOM_TRA_1PNPDE20110223_221617_000000543099_00417_46983_3612.N1	23-FEB-2011 22:16:17	Bright	54.000	168	17Zet Aql	2.9860	11000.	108	46983	No
234	GOM_TRA_1PNPDE20110223_222129_000000553099_00417_46983_3613.N1	23-FEB-2011 22:21:29	Twilight_stray	54.500	126	60Bet Oph	2.7700	4250.0	109	46983	No
235	GOM_TRA_1PNPDE20110223_222815_000000443099_00417_46983_3626.N1	23-FEB-2011 22:28:15	Dark	44.000	137	22Lam Sgr	2.8240	4400.0	88	46983	No
236	GOM_TRA_1PNPDE20110223_223039_000000453099_00417_46983_3627.N1	23-FEB-2011 22:30:39	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	46983	No
237	GOM_TRA_1PNPDE20110223_223313_000000503099_00417_46983_3628.N1	23-FEB-2011 22:33:13	Dark	49.500	25	35Lam Sco	1.6200	28000.	99	46983	No
238	GOM_TRA_1PNPDE20110223_223509_000000373099_00417_46983_3629.N1	23-FEB-2011 22:35:09	Dark	37.000	16	21Alp Sco	1.0200	3000.0	74	46983	No
239	GOM_TRA_1PNPDE20110223_224046_000000513099_00418_46984_3630.N1	23-FEB-2011 22:40:46	Dark	51.000	131	Gam Lup	2.8000	26000.	102	46984	No
240	GOM_TRA_1PNPDE20110223_224342_000000463099_00418_46984_3631.N1	23-FEB-2011 22:43:42	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	46984	No



241	GOM_TRA_1PNPDE20110223_224502_000000443099_00418_46984_3632.N1	23-FEB-2011 22:45:02	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46984	No
242	GOM_TRA_1PNPDE20110223_224640_000000453099_00418_46984_3633.N1	23-FEB-2011 22:46:40	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46984	No
243	GOM_TRA_1PNPDE20110223_224843_000000583099_00418_46984_3634.N1	23-FEB-2011 22:48:43	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	46984	No
244	GOM_TRA_1PNPDE20110223_225048_000000463099_00418_46984_3635.N1	23-FEB-2011 22:50:48	Dark	45.500	99	Del Cen	2.5750	26000.	91	46984	No
245	GOM_TRA_1PNPDE20110223_225324_000000423099_00418_46984_3636.N1	23-FEB-2011 22:53:24	Straylight	41.500	113	Mu Vel	2.6920	5000.0	83	46984	No
246	GOM_TRA_1PNPDE20110223_230613_000000503099_00418_46984_3637.N1	23-FEB-2011 23:06:13	Twilight_stray	49.500	48	30Alp Hya	1.9770	4100.0	99	46984	No
247	GOM_TRA_1PNPDE20110223_231244_000000463099_00418_46984_3638.N1	23-FEB-2011 23:12:44	Bright	45.500	22	32Alp Leo	1.3600	15200.	91	46984	No
248	GOM_TRA_1PNPDE20110223_231603_000000413099_00418_46984_3639.N1	23-FEB-2011 23:16:03	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	46984	No
249	GOM_TRA_1PNPDE20110223_232719_000000433099_00418_46984_3640.N1	23-FEB-2011 23:27:19	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	46984	No
250	GOM_TRA_1PNPDE20110223_233535_000000383099_00418_46984_3641.N1	23-FEB-2011 23:35:35	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	46984	No
251	GOM_TRA_1PNPDE20110223_234021_000000453099_00418_46984_3642.N1	23-FEB-2011 23:40:21	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	46984	No
252	GOM_TRA_1PNPDE20110223_234430_000000443099_00418_46984_3643.N1	23-FEB-2011 23:44:30	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	46984	No
253	GOM_TRA_1PNPDE20110223_234915_000000423099_00418_46984_3644.N1	23-FEB-2011 23:49:15	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	46984	No
254	GOM_TRA_1PNPDE20110223_235632_000000563099_00418_46984_3645.N1	23-FEB-2011 23:56:32	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	46984	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).

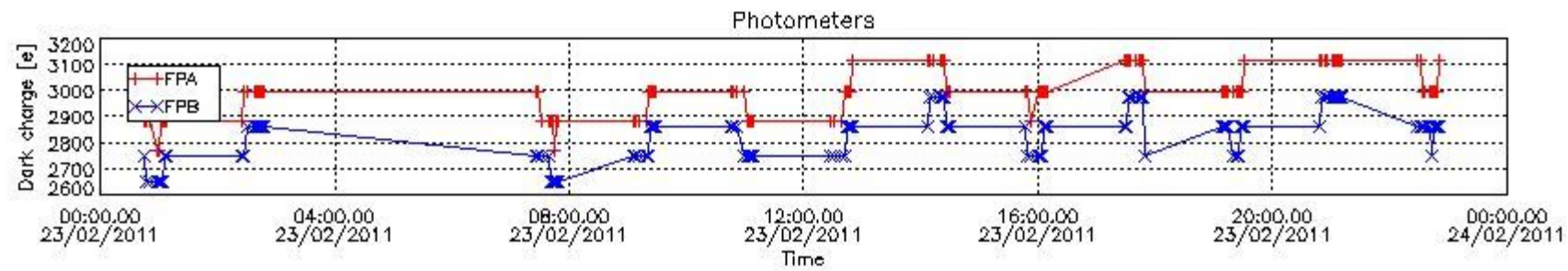
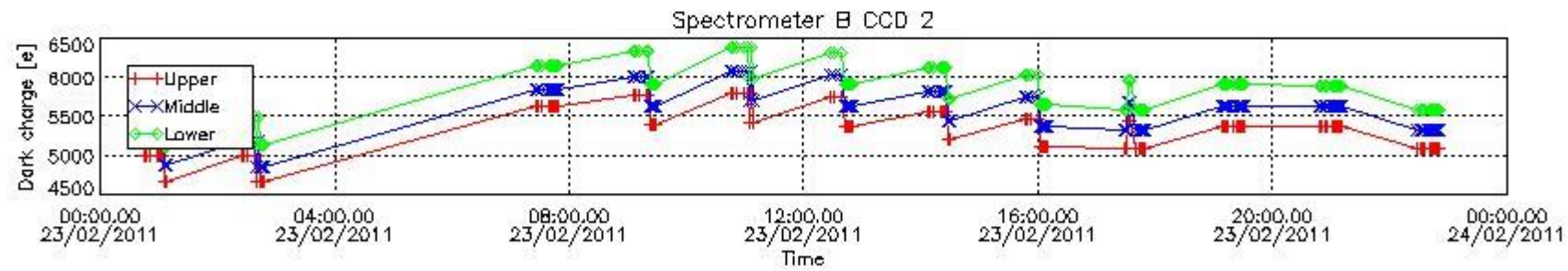
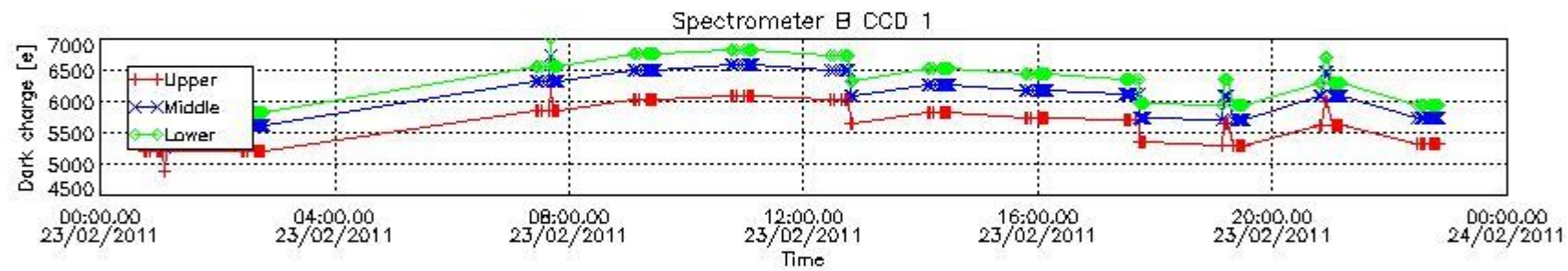
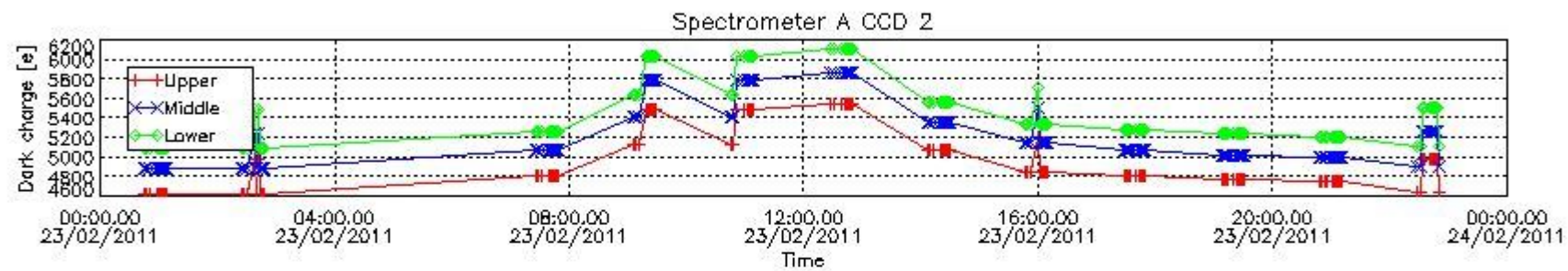
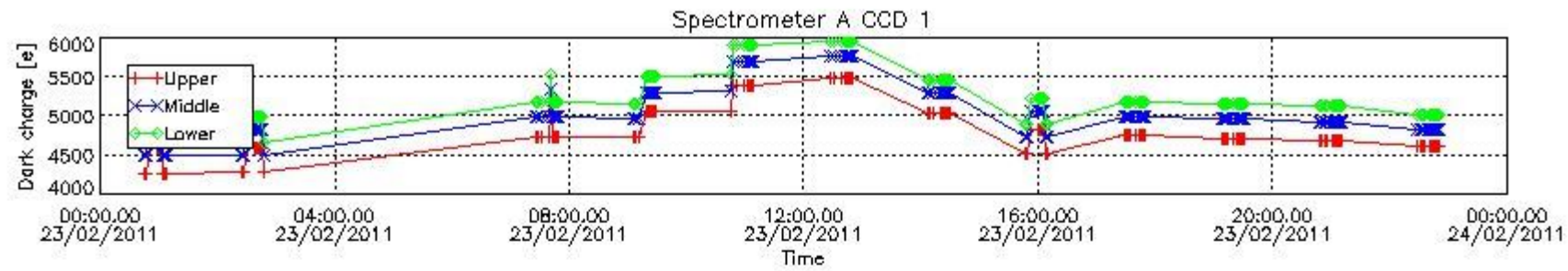
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.



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

Product name	DC information
GOM_TRA_1PNPDE20110223_212559_000000493099_00417_46983_3604.N1	DC map used
GOM_TRA_1PNPDE20110223_213230_000000463099_00417_46983_3605.N1	DC map used
GOM_TRA_1PNPDE20110223_213549_000000413099_00417_46983_3606.N1	DC map used
GOM_TRA_1PNPDE20110223_214705_000000433099_00417_46983_3607.N1	DC map used
GOM_TRA_1PNPDE20110223_215521_000000423099_00417_46983_3608.N1	DC map used
GOM_TRA_1PNPDE20110223_220007_000000453099_00417_46983_3609.N1	DC map used
GOM_TRA_1PNPDE20110223_220417_000000453099_00417_46983_3610.N1	DC map used
GOM_TRA_1PNPDE20110223_220901_000000583099_00417_46983_3611.N1	DC map used
GOM_TRA_1PNPDE20110223_221617_000000543099_00417_46983_3612.N1	DC map used
GOM_TRA_1PNPDE20110223_222129_000000553099_00417_46983_3613.N1	DC map used

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



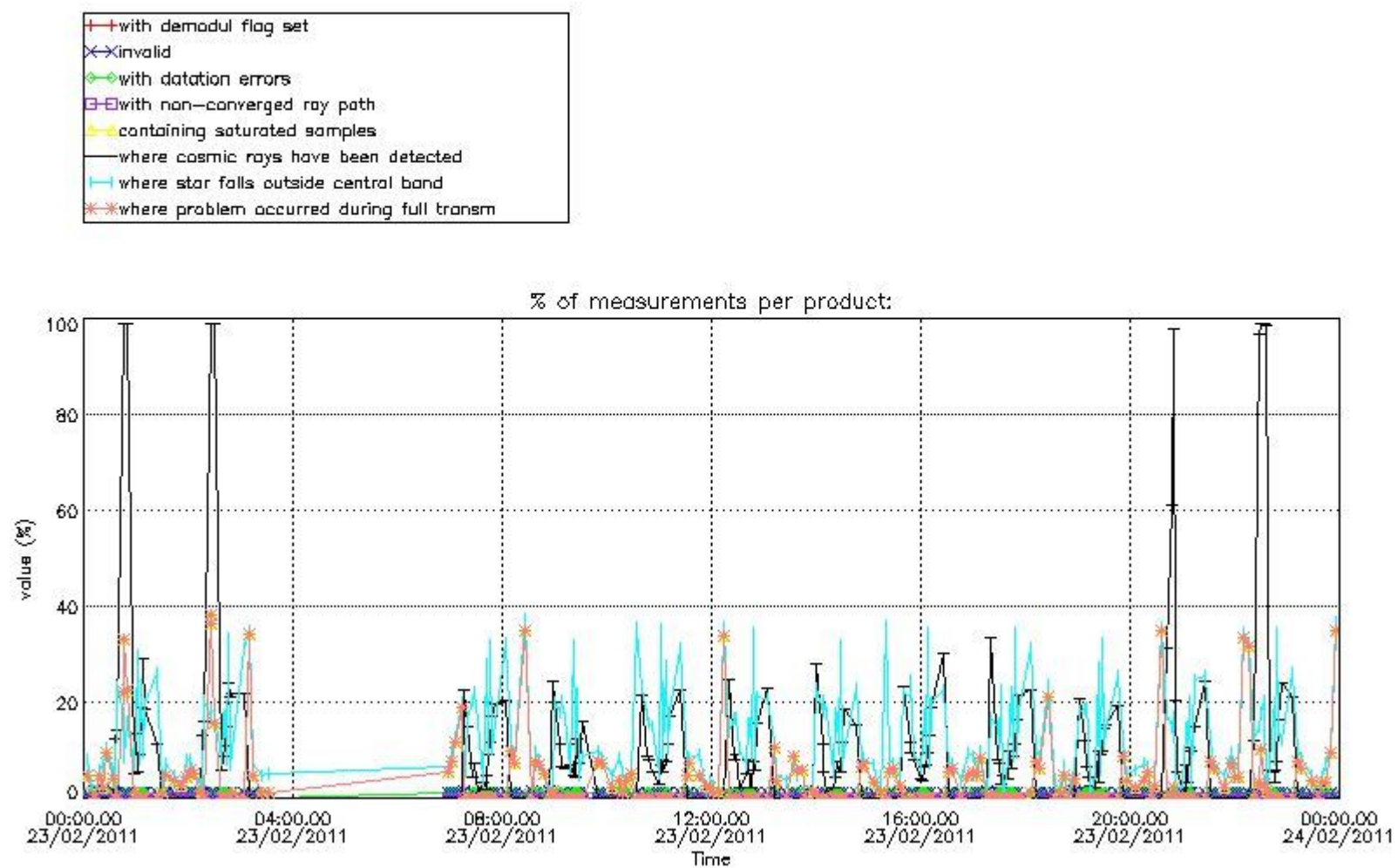
## 5. Demodulation flag and quality information monitoring

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:

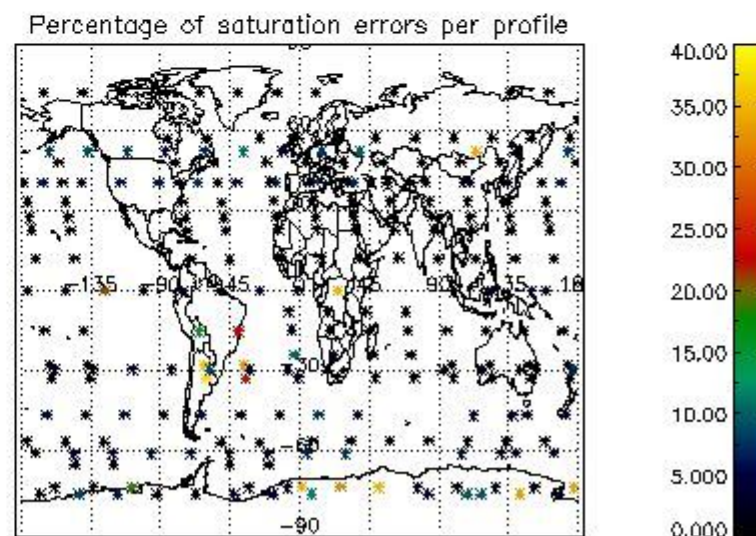
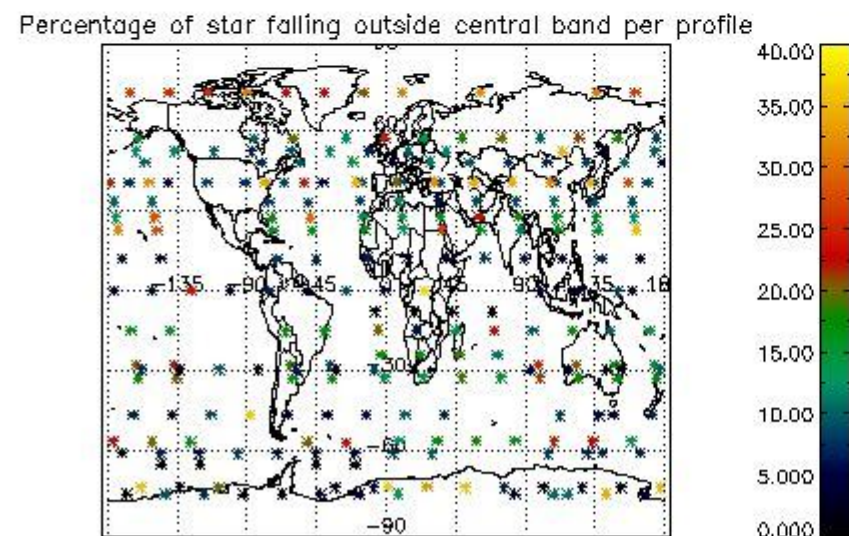
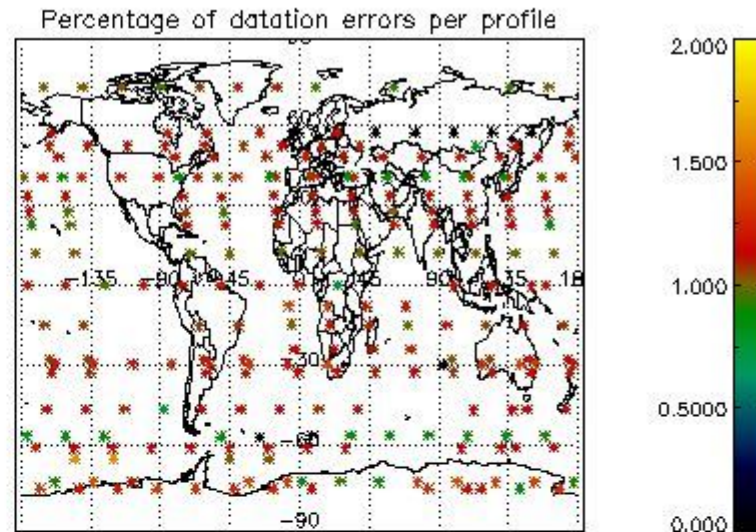
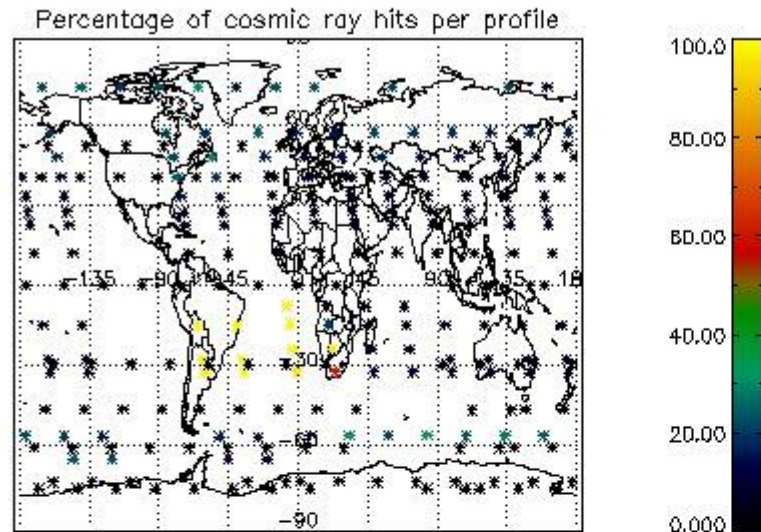
At least one measurement with demodulation flag set:	53.7549 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

### 5.2 Plot quality information per product (time dependant)



### 5.3 Plot quality information per product (world map)





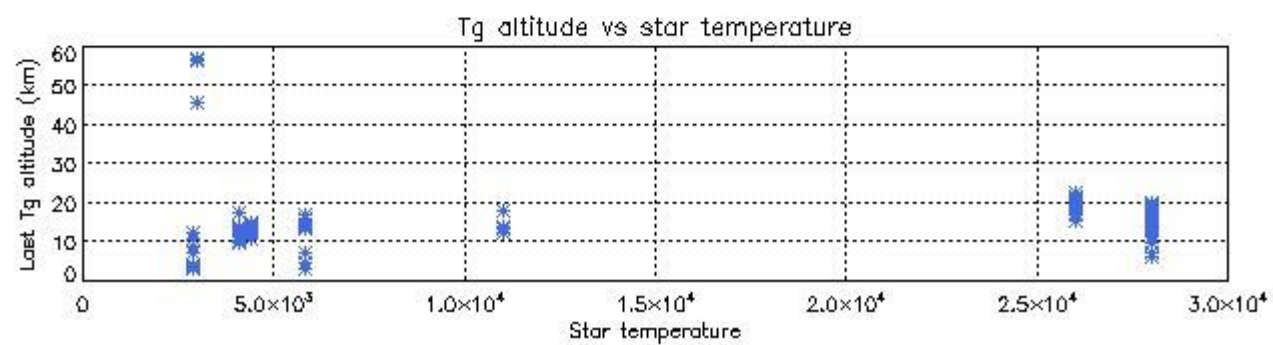
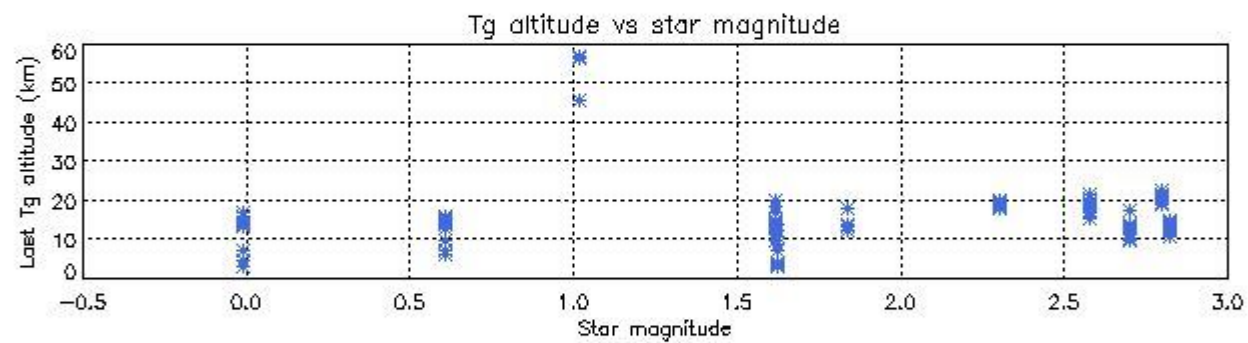
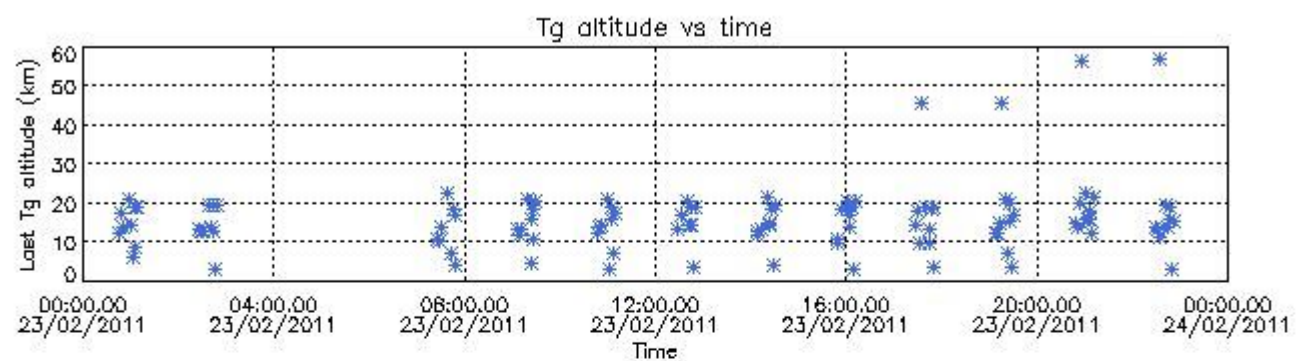
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.676	19.208	NaN
St. deviation:	8.5609	5.5311	NaN
Maximum:	56.944	29.598	NaN
Minimum:	2.8540	3.1566	NaN
Number of data:	112.00	102.00	NaN

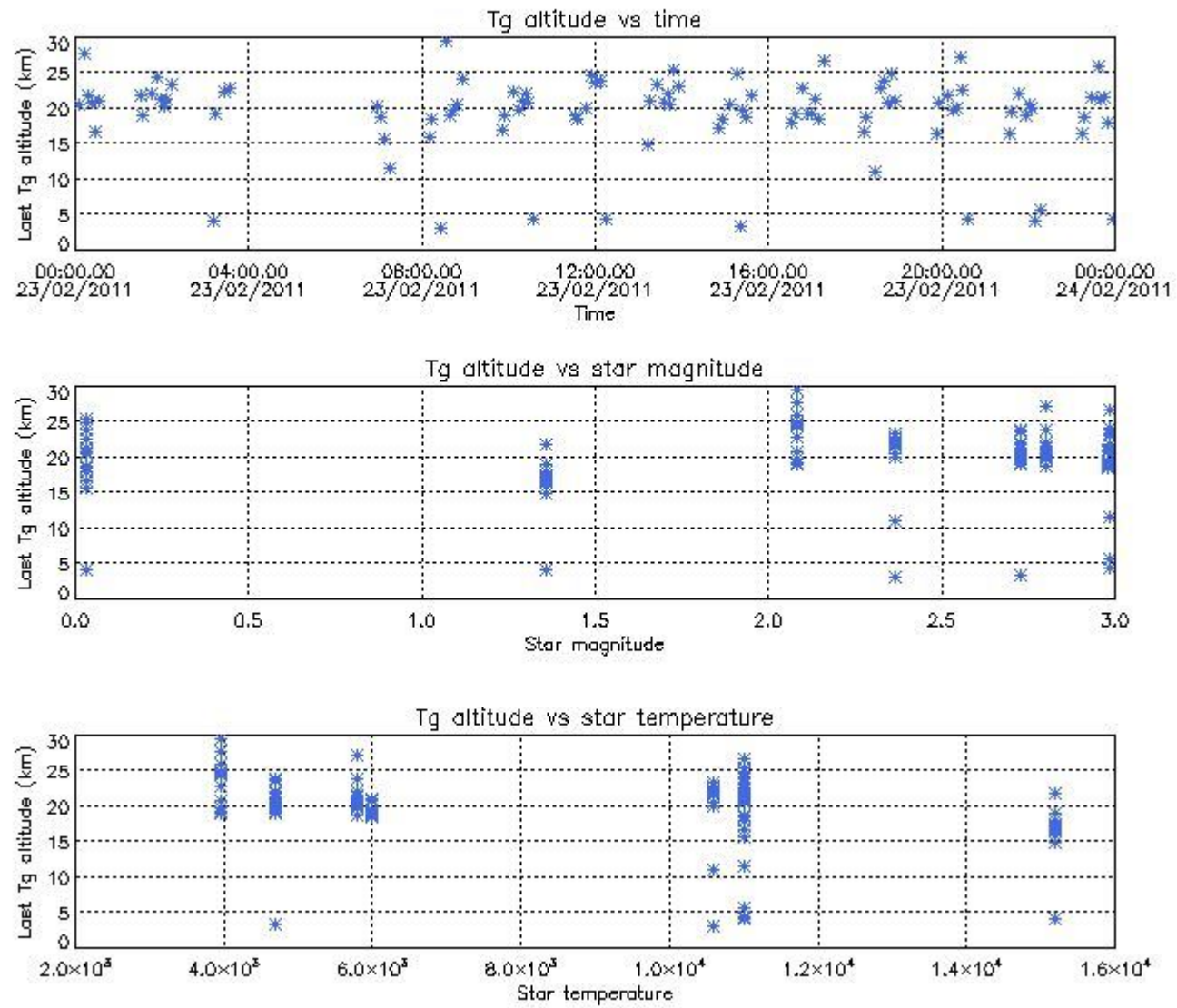
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



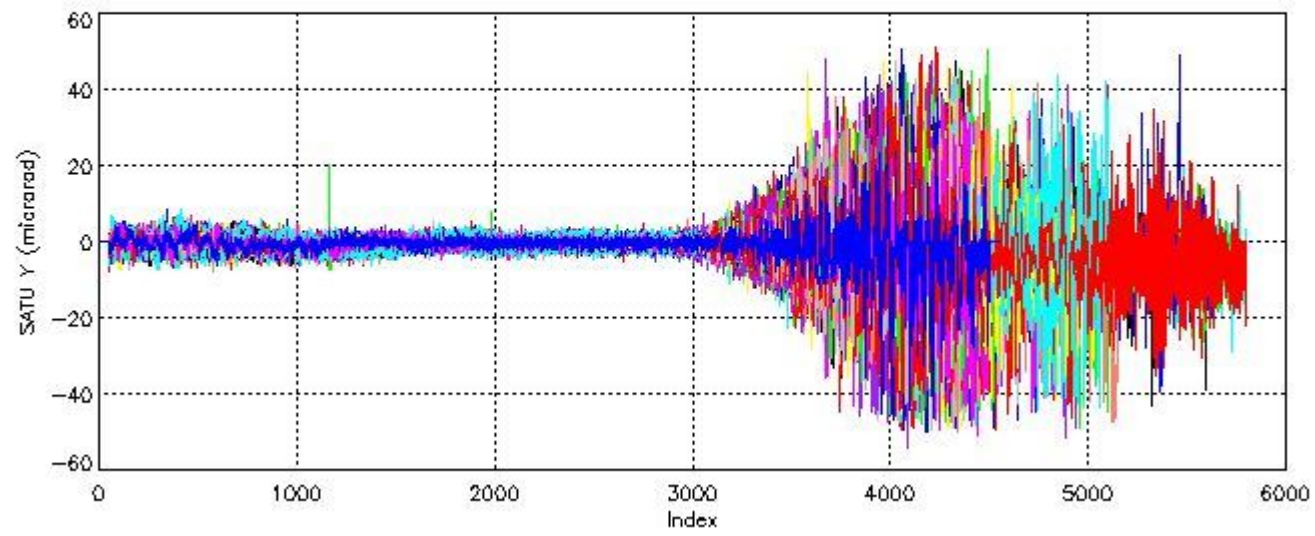
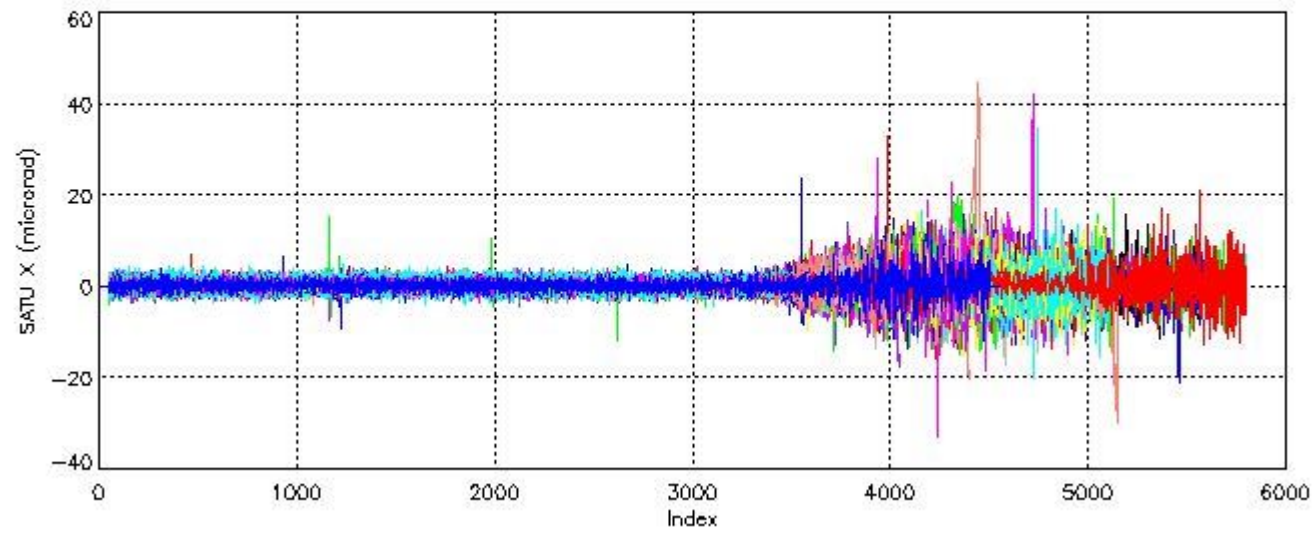
## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.17908	-0.54981	0.20566	-0.63592
St. deviation:	0.52161	1.4415	0.71783	1.3685
Maximum:	7.1000	8.4000	5.2000	8.3000
Minimum:	-4.2000	-7.9000	-5.2000	-8.1000

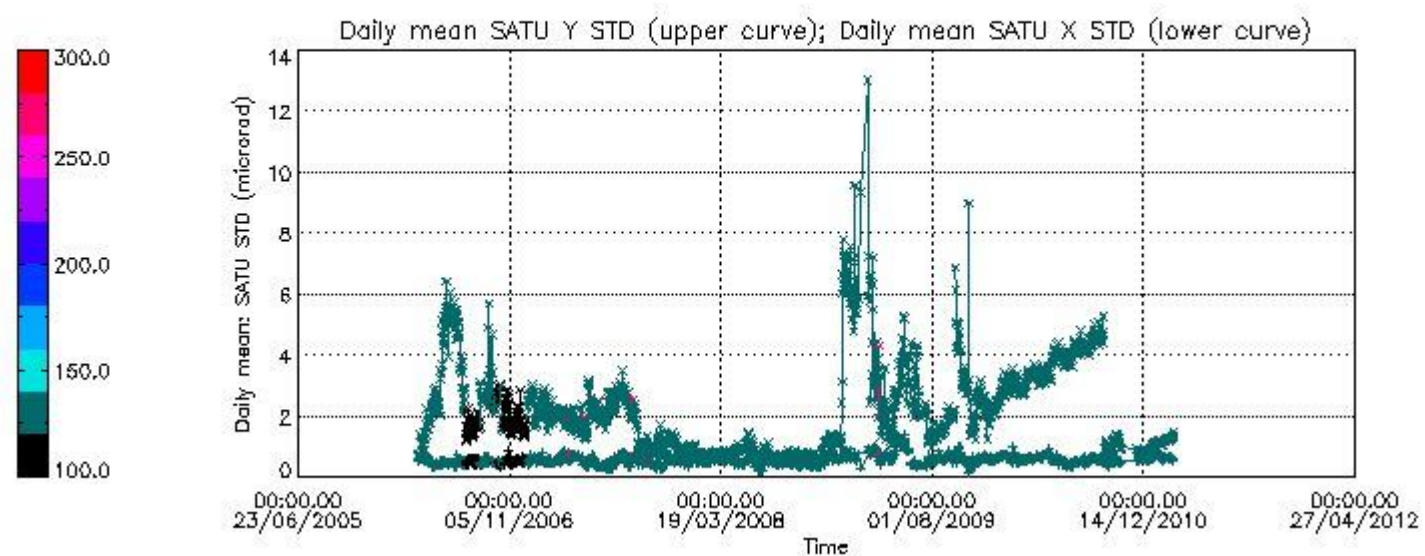
Number of data: 1.1710E+05 1.1710E+05 1.0015E+05 1.0015E+05

### 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



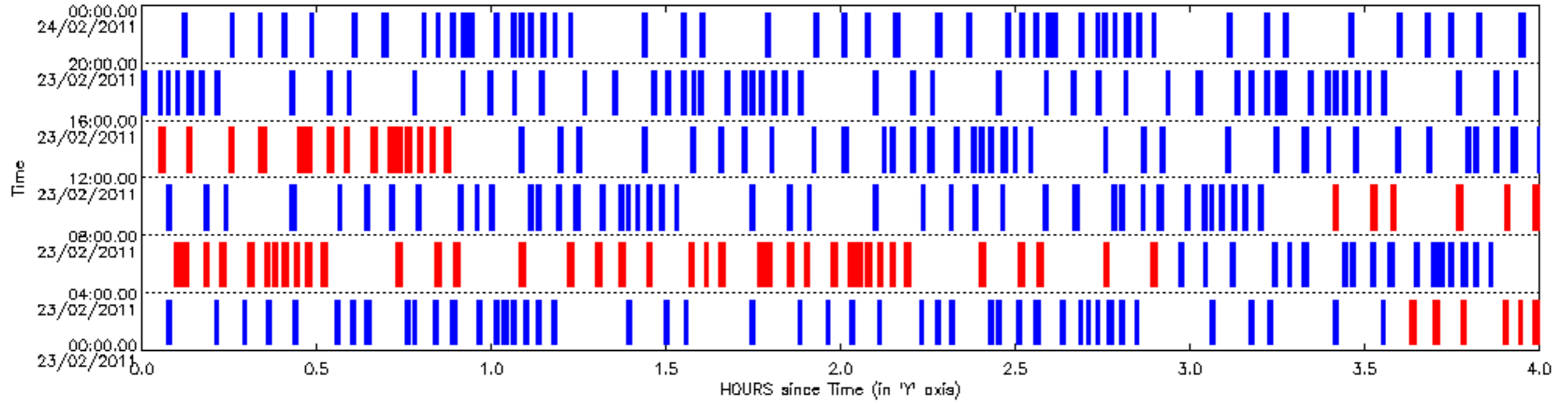
### 8. Auxiliary Data Files used for the production reported in section 2.4

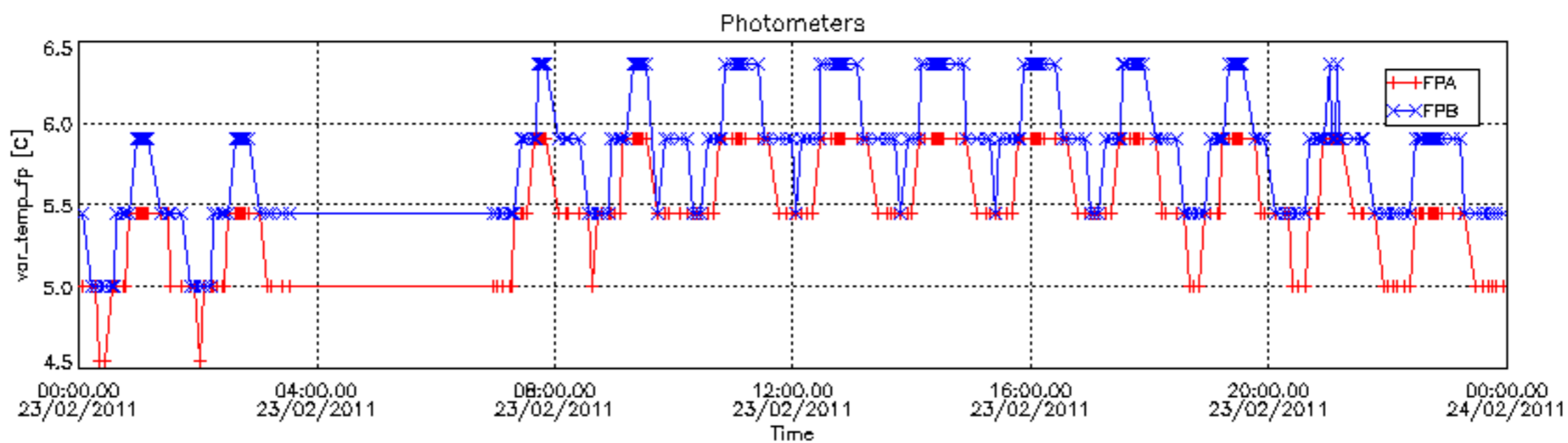
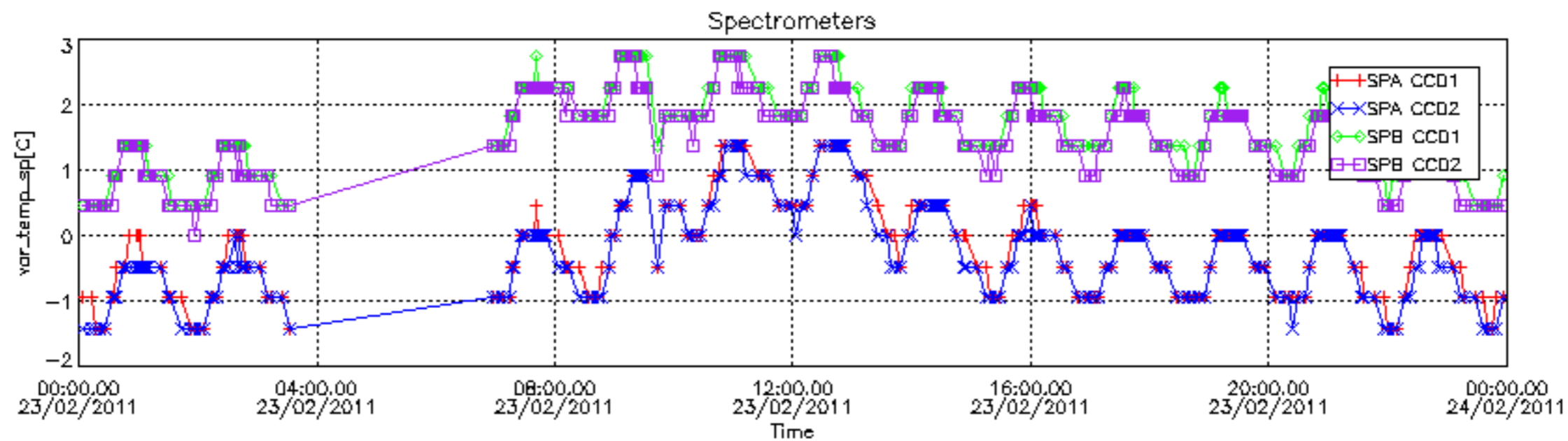
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

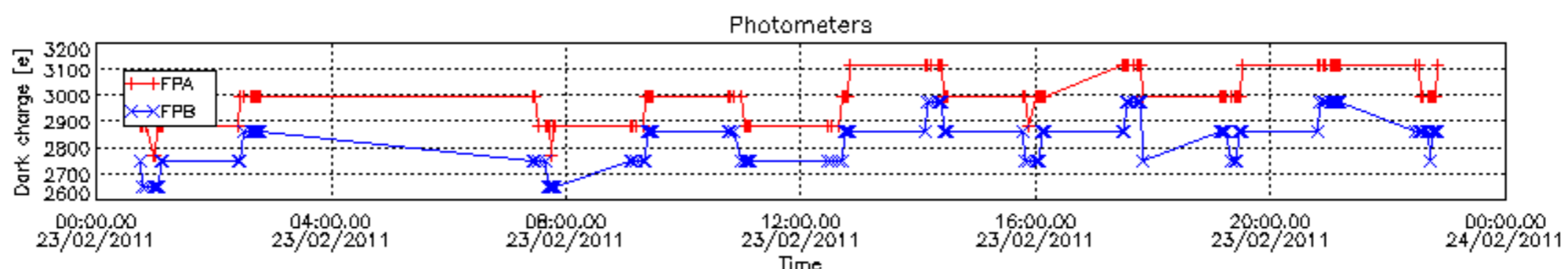
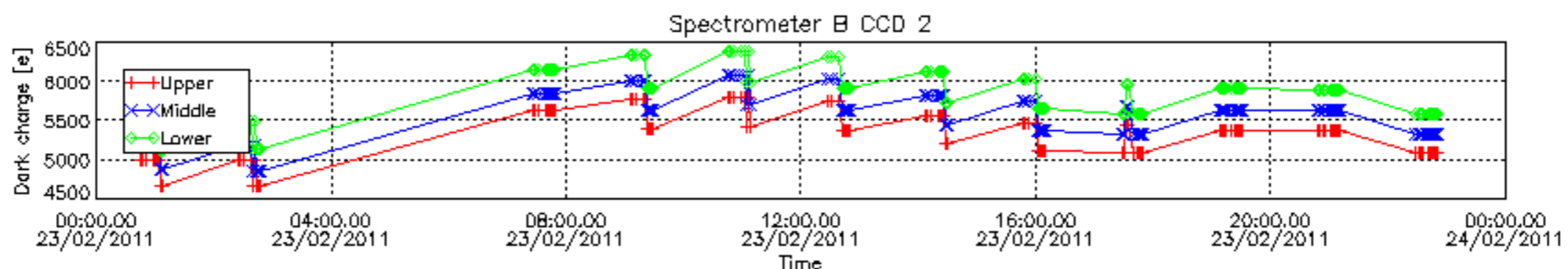
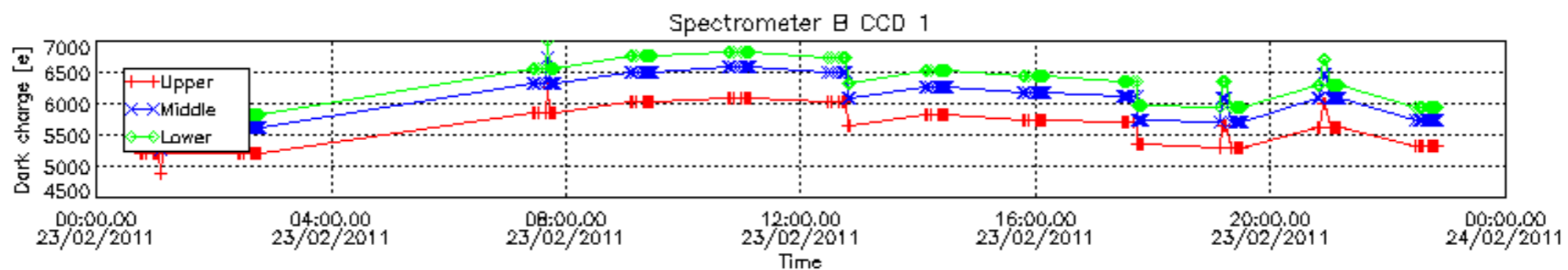
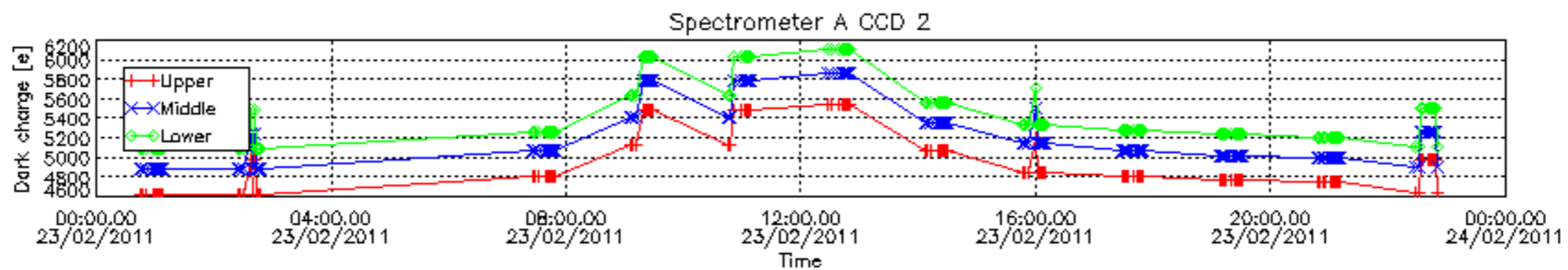
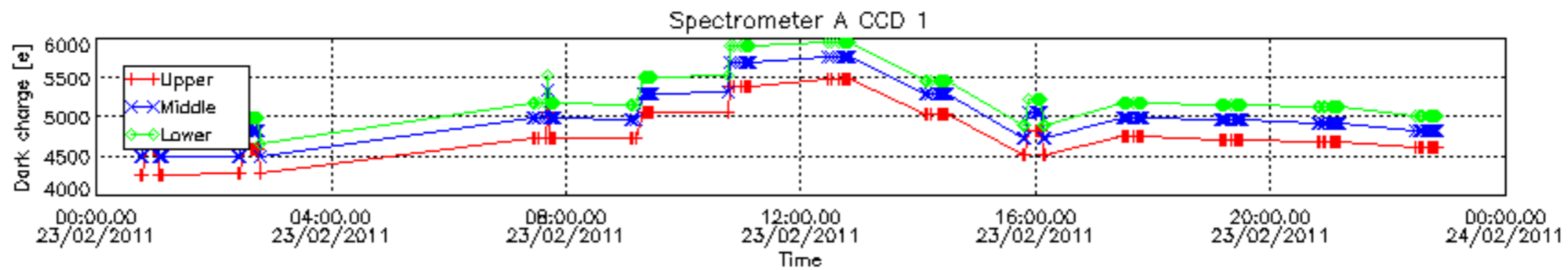
Type	Auxiliary Filename	Used since product	Used since product date
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CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110222_092203_20110221_000000_20500101_000000	1	23-FEB-2011 00:04:10
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	23-FEB-2011 00:04:10
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	23-FEB-2011 00:04:10
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	23-FEB-2011 00:04:10
ECMWF_FILE	AUX_ECF_AXNECM20110222_052114_20110222_210000_20110223_090000	1	23-FEB-2011 00:04:10
ECMWF_FILE	AUX_ECA_AXNECM20110223_052114_20110222_210000_20110223_090000	45	23-FEB-2011 06:58:05
ECMWF_FILE	AUX_ECF_AXNECM20110222_172114_20110223_030000_20110223_150000	61	23-FEB-2011 08:04:07
ECMWF_FILE	AUX_ECF_AXNECM20110223_052114_20110223_090000_20110223_210000	82	23-FEB-2011 09:44:21
ECMWF_FILE	AUX_ECF_AXNECM20110223_052115_20110223_150000_20110224_030000	162	23-FEB-2011 16:25:17
ECMWF_FILE	AUX_ECA_AXNECM20110223_172114_20110223_090000_20110223_210000	183	23-FEB-2011 18:05:31
ECMWF_FILE	AUX_ECF_AXNECM20110223_052115_20110223_150000_20110224_030000	203	23-FEB-2011 19:32:55
ECMWF_FILE	AUX_ECF_AXNECM20110223_052115_20110223_210000_20110224_090000	225	23-FEB-2011 21:25:59
OPTIONAL_ECMWF_FILE	MISSING	1	23-FEB-2011 00:04:10
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110222_230020_000057383099_00403_46969_2574.N1	1	23-FEB-2011 00:04:10
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110223_004117_000054193099_00404_46970_2575.N1	9	23-FEB-2011 00:45:06
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110223_021655_000041443099_00405_46971_2576.N1	29	23-FEB-2011 02:18:32
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110222_222112_20110222_195334_20110304_202710	45	23-FEB-2011 06:58:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110223_175202_000057383099_00415_46981_3886.N1	183	23-FEB-2011 18:05:31
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110223_192740_000060573099_00416_46982_3887.N1	203	23-FEB-2011 19:32:55



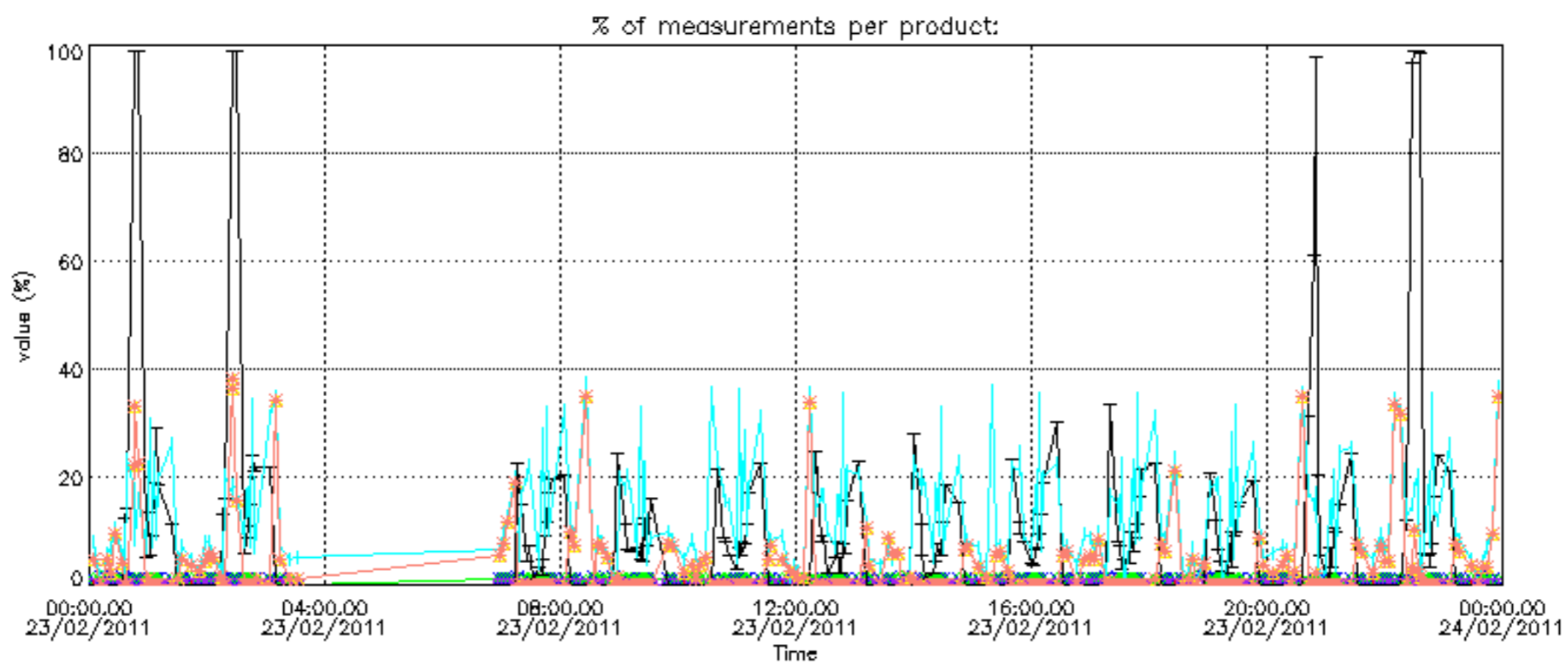




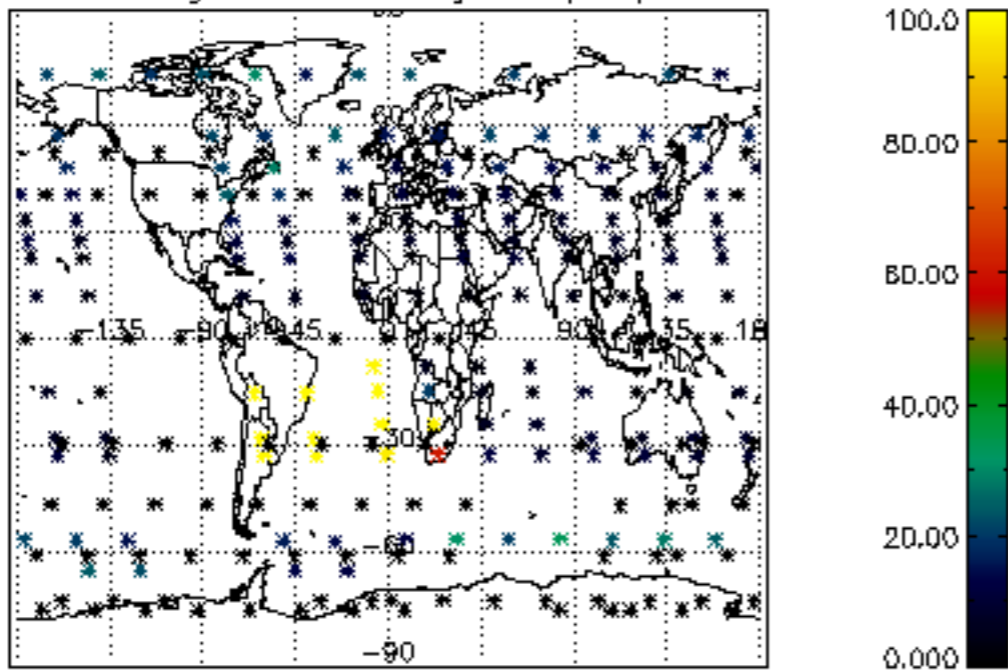




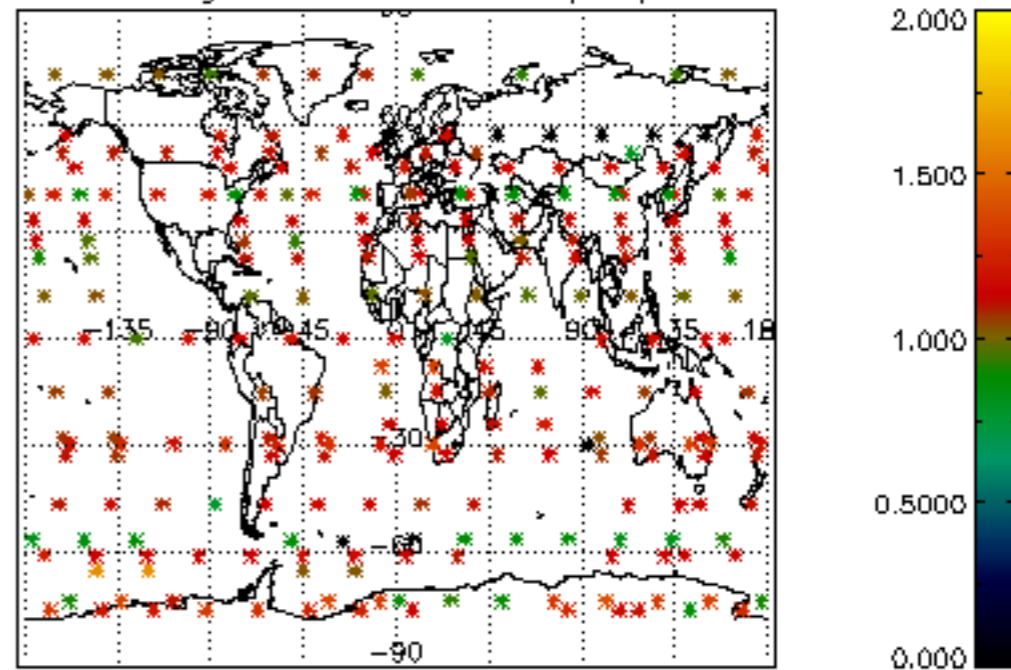




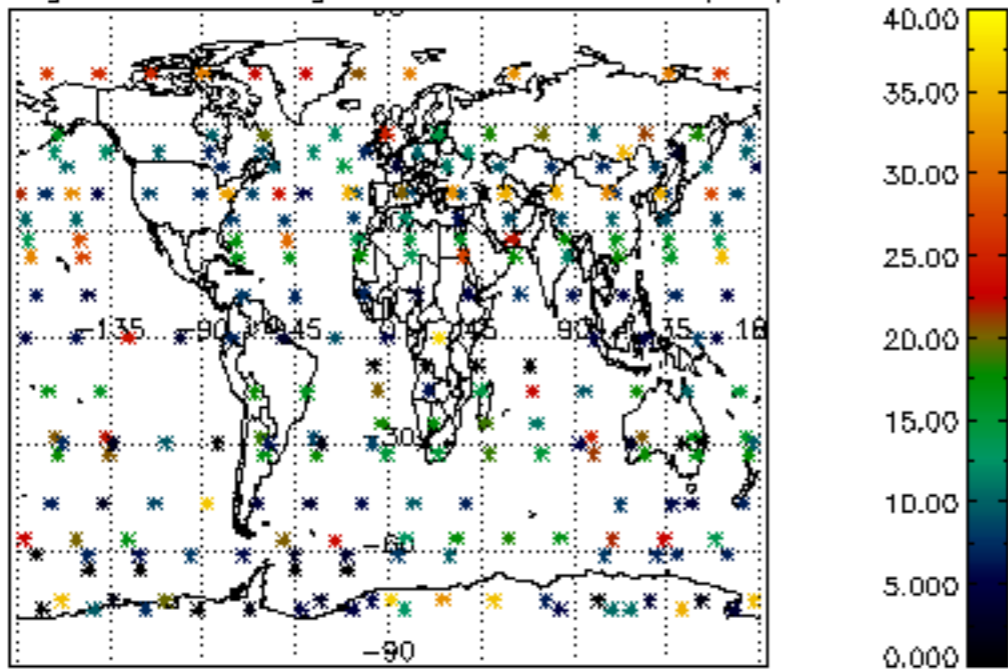
Percentage of cosmic ray hits per profile



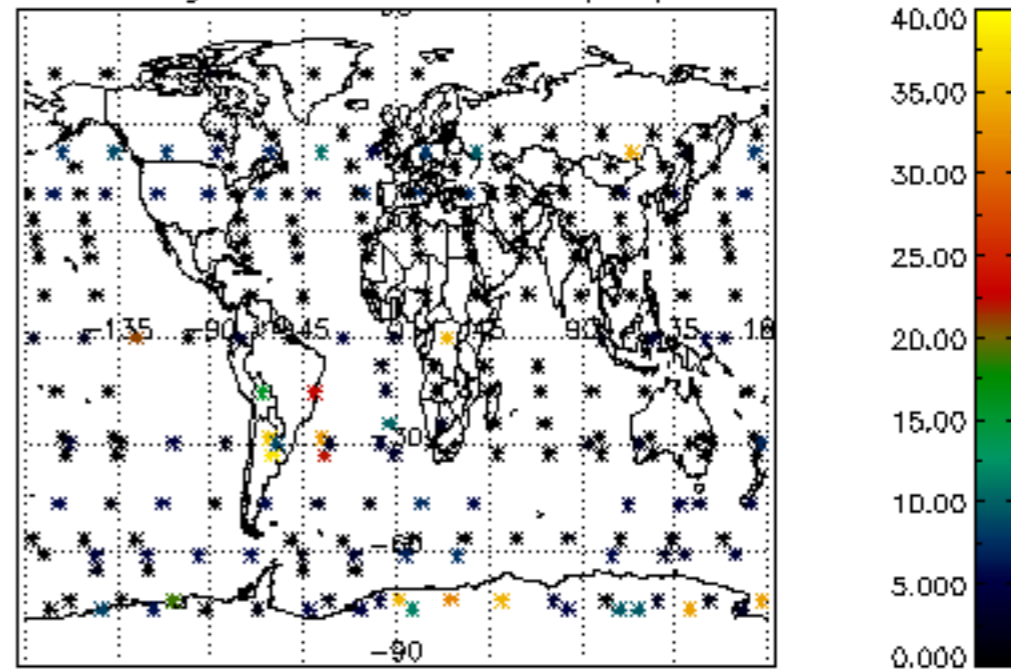
Percentage of datation errors per profile



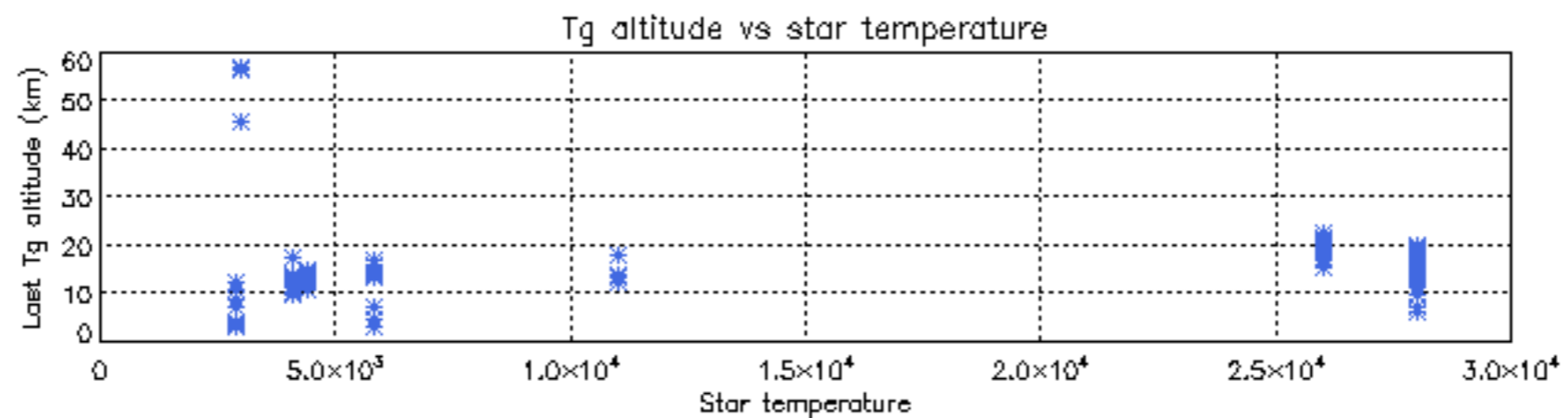
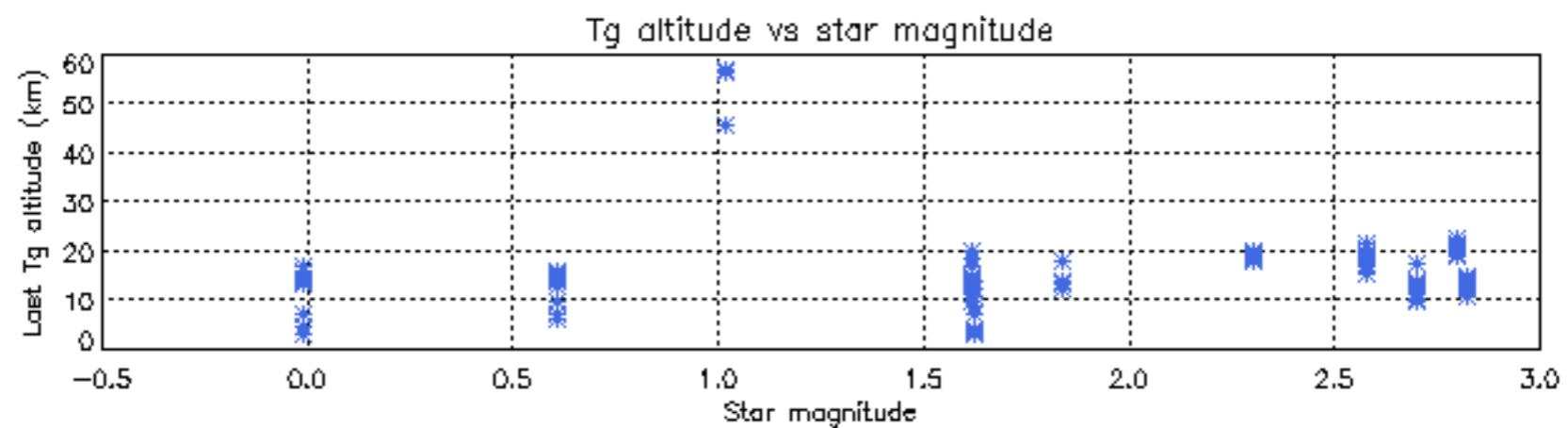
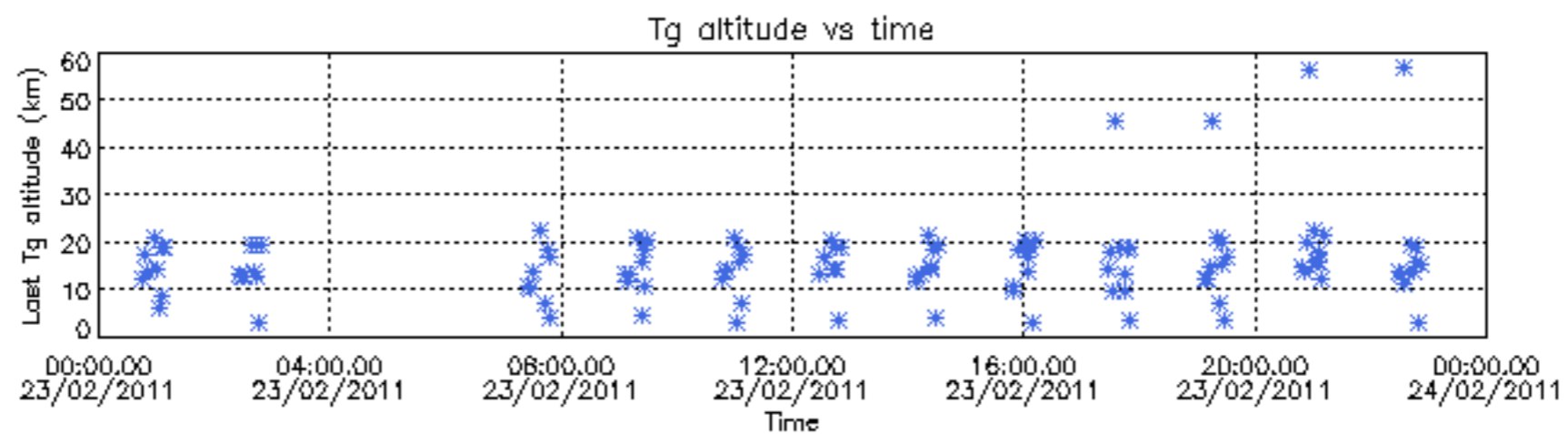
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

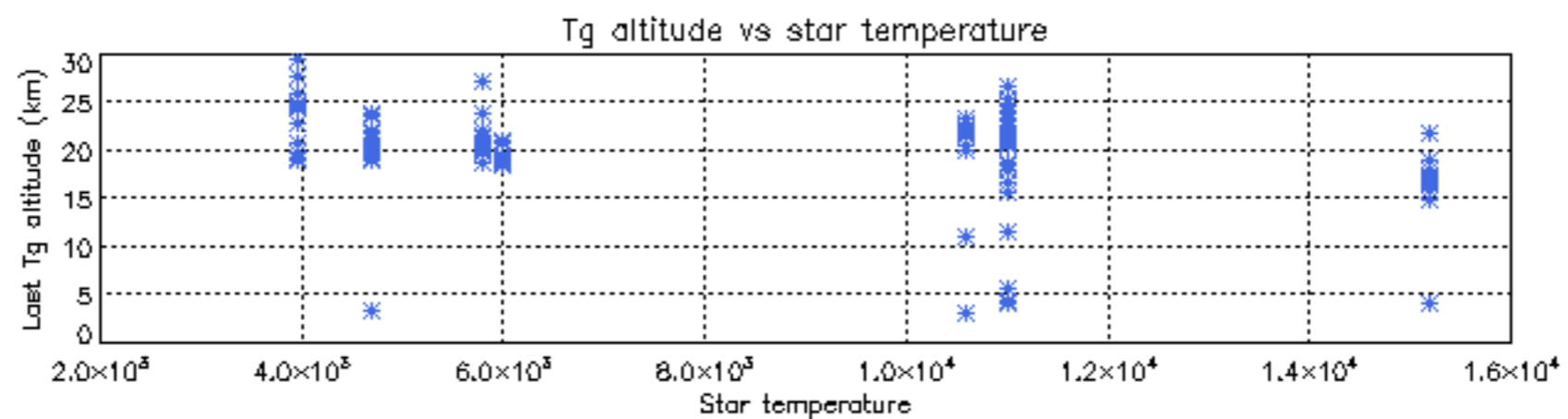
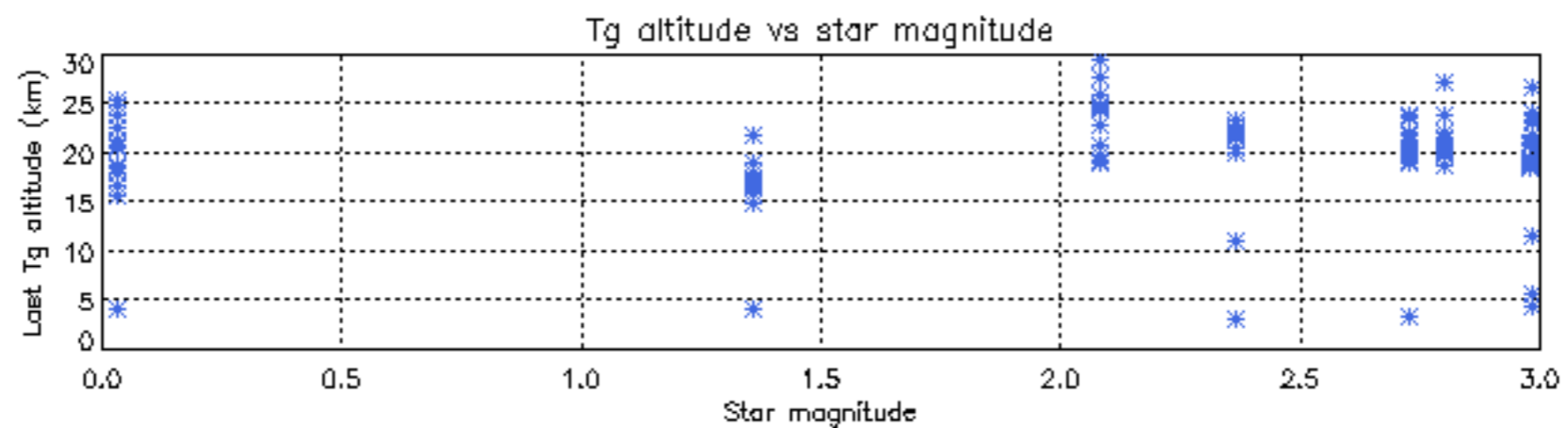
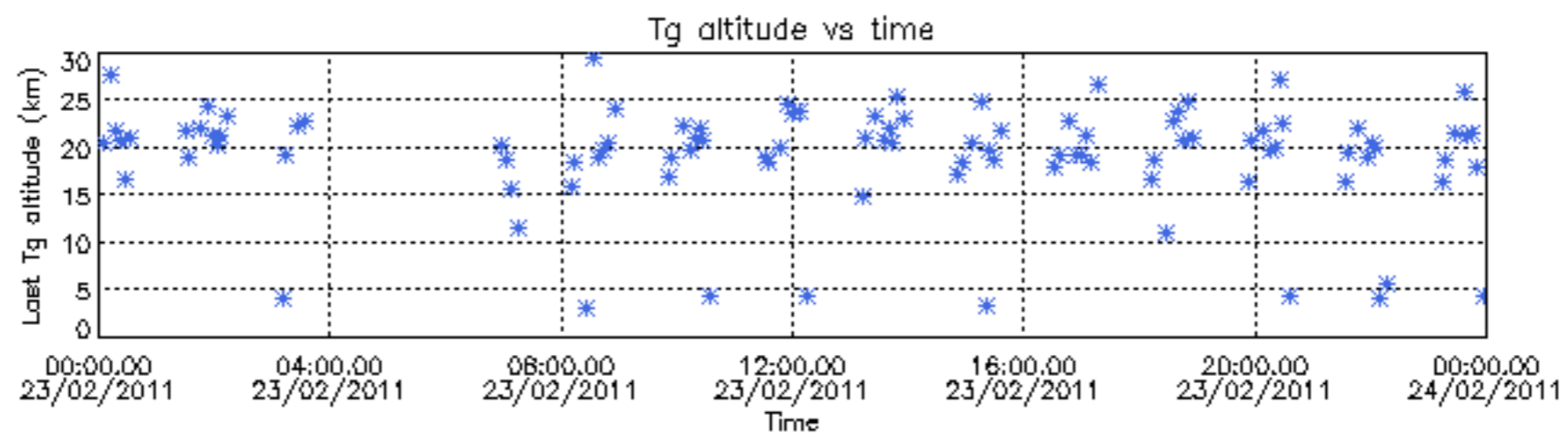


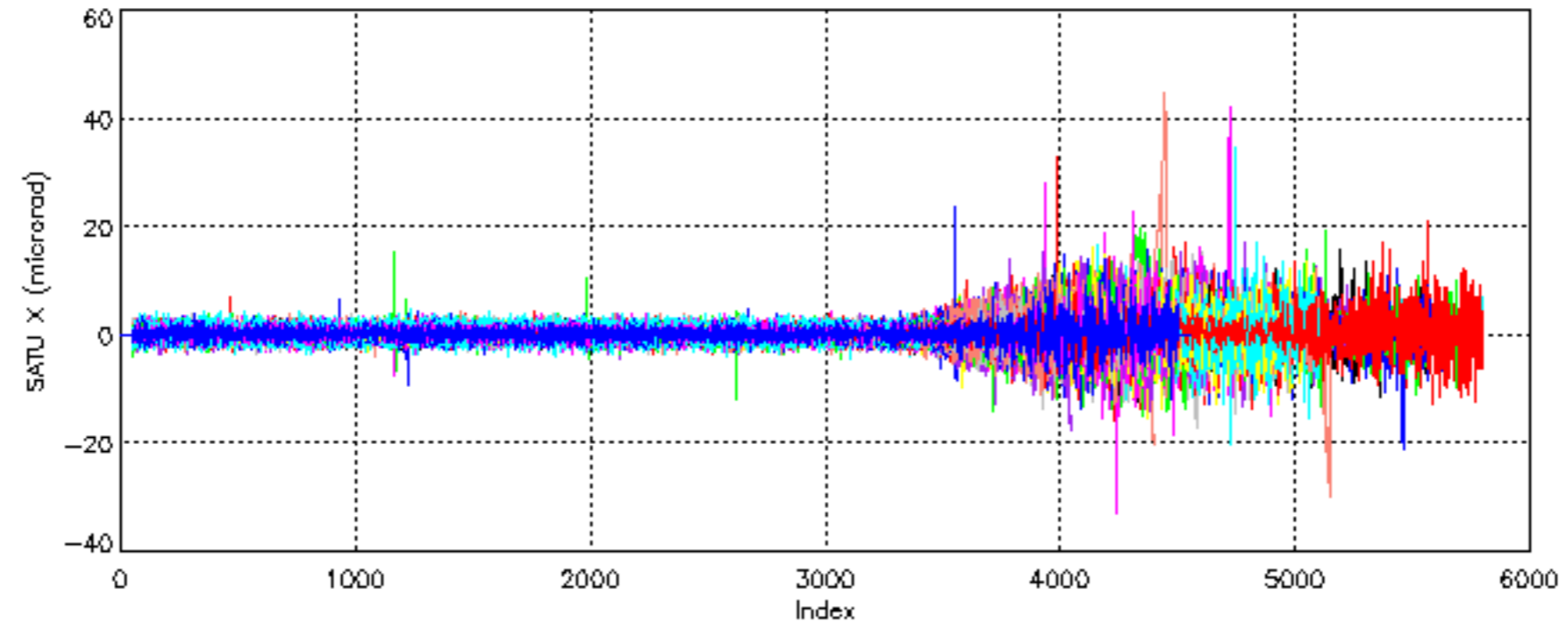
Tangent altitude at which the star is lost

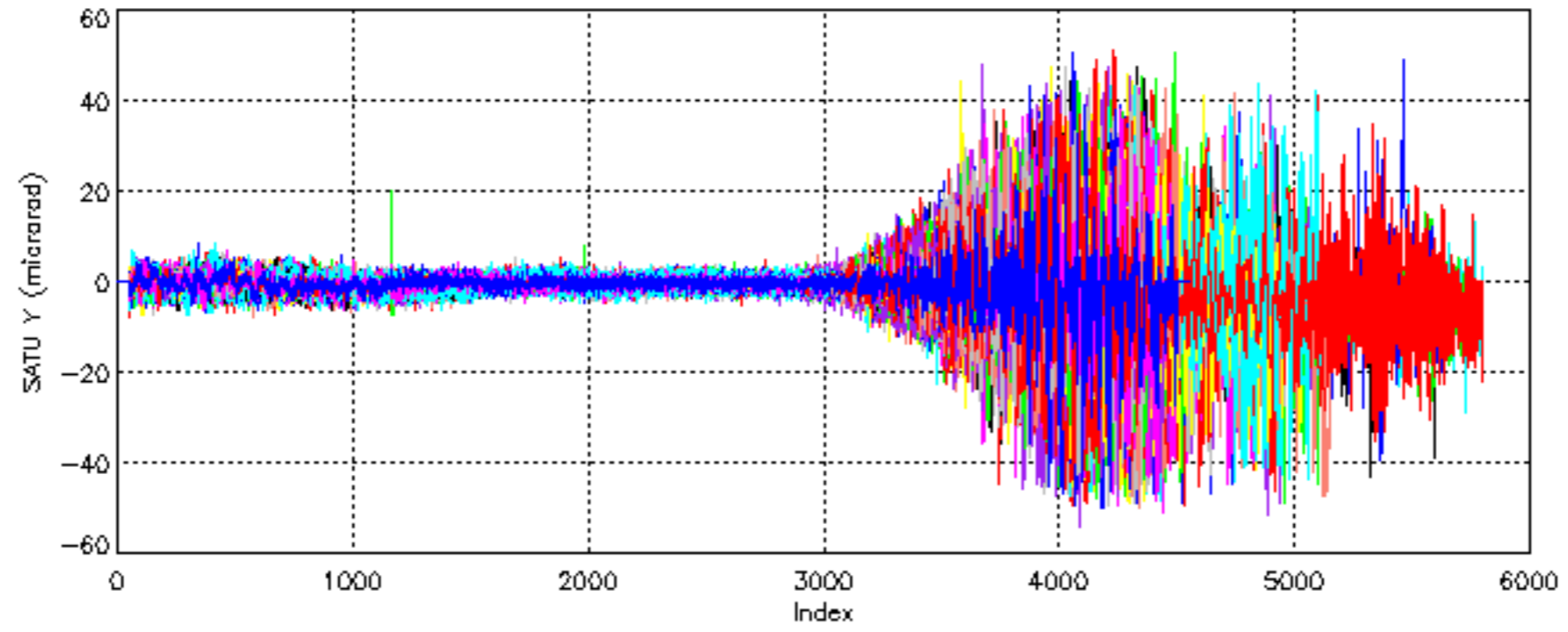




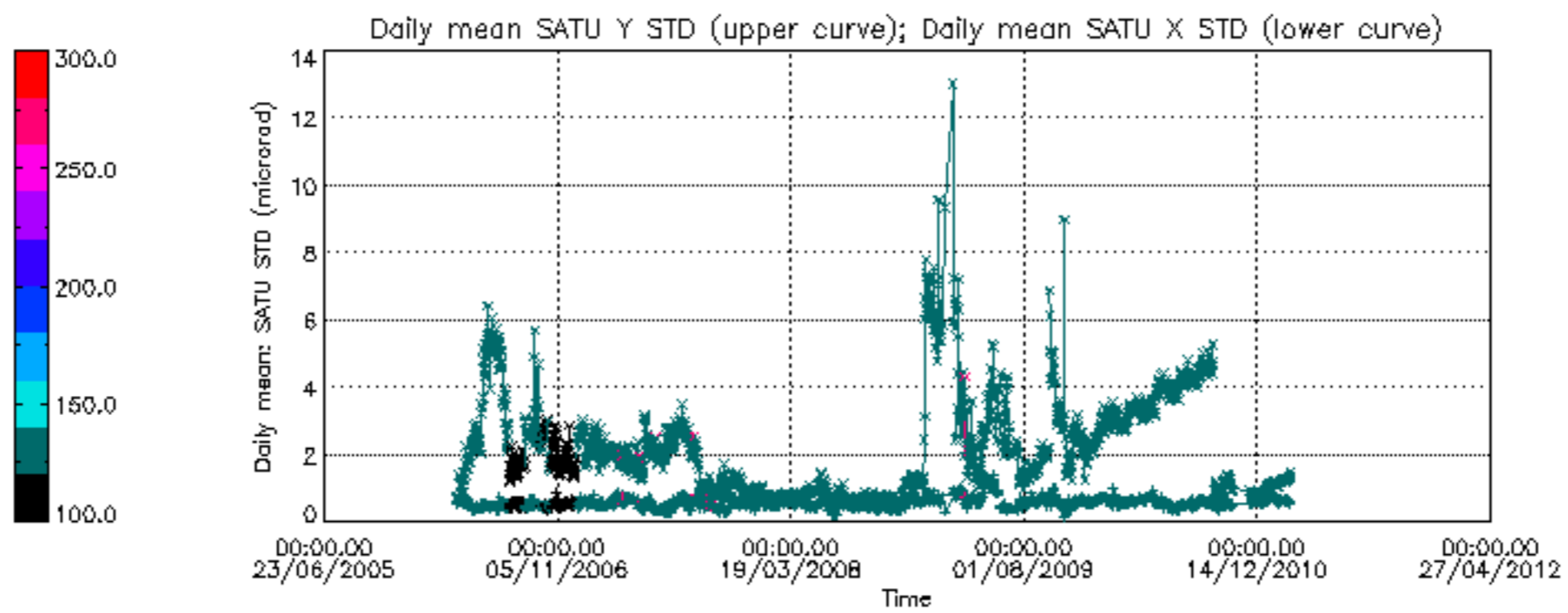
Tangent altitude at which the star is lost











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 4; 2376.1; 02-FEB-2011 19:25:56; Bright; 40.5; 17; 78Bet Gem ; 1.16; 4500;occ; 81; 0;46680  
 5; 3247.5; 02-FEB-2011 19:40:27; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;46680  
 6; 3587.3; 02-FEB-2011 19:46:07; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;46680  
 7; 3871.2; 02-FEB-2011 19:50:51; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;46680  
 8; 4066.0; 02-FEB-2011 19:54:06; Bright; 38.5; 130; 23Bet Dra ; 2.80; 5800;occ; 77; 0;46680  
 9; 4469.0; 02-FEB-2011 20:00:49; Bright; 64.0; 133; 40Zet Her ; 2.81; 6000;occ; 128; 0;46680  
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 11; 4912.1; 02-FEB-2011 20:08:12; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46680  
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 16; 6053.7; 02-FEB-2011 20:27:14; Dark ; 46.5; 109; Bet Lup ; 2.68; 26000;occ; 93; 0;46681  
 17; 6219.6; 02-FEB-2011 20:30:00; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;46681  
 18; 6292.7; 02-FEB-2011 20:31:13; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;46681  
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 9; 636.4; 03-FEB-2011 01:37:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46684  
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 12; 1728.9; 03-FEB-2011 01:56:05; Dark ; 57.5; 48; 30Alp Hya ; 1.98; 4100;occ; 115; 0;46684  
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 21; 5307.2; 03-FEB-2011 02:55:43; Dark ; 43.5; 86; 35Eta Oph ; 2.43; 10200;occ; 87; 0;46684  
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32; 8389.6; 03-FEB-2011 03:47:05; Bright; 41.5; 17; 78Bet Gem ; 1.16; 4500;occ; 83; 0;46685
33; 9258.2; 03-FEB-2011 04:01:34; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;46685
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3; -1948.0; 03-FEB-2011 04:15:16; Bright; 56.0; 130; 23Bet Dra ; 2.80; 5800;occ; 112; 0;46685
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6; -1100.2; 03-FEB-2011 04:29:24; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46685
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13; 281.7; 03-FEB-2011 04:52:26; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;46686
14; 482.6; 03-FEB-2011 04:55:46; Dark ; 42.5; 12; Alp1Cru ; 0.77; 30000;occ; 85; 0;46686
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16; 826.8; 03-FEB-2011 05:01:31; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;46686
17; 1082.9; 03-FEB-2011 05:05:47; Dark ; 46.0; 65; Lam Vel ; 2.20; 4400;occ; 92; 0;46686
18; 1729.0; 03-FEB-2011 05:16:33; Dark ; 56.5; 48; 30Alp Hya ; 1.98; 4100;occ; 113; 0;46686
19; 2375.5; 03-FEB-2011 05:27:19; Bright; 41.0; 17; 78Bet Gem ; 1.16; 4500;occ; 82; 0;46686
20; 3243.6; 03-FEB-2011 05:41:47; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;46686
21; 3585.7; 03-FEB-2011 05:47:30; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;46686
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11; 209.1; 03-FEB-2011 06:31:27; Dark ; 56.0; 4; Alp1Cen ; -0.01; 5800;occ; 112; 0;46687
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16; 1083.3; 03-FEB-2011 06:46:01; Dark ; 44.5; 65; Lam Vel ; 2.20; 4400;occ; 89; 0;46687
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19; 3243.1; 03-FEB-2011 07:22:01; Bright; 47.5; 36; 50Alp UMa ; 1.80; 6300;occ; 95; 0;46687
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3; 1728.3; 03-FEB-2011 20:18:38; Dark ; 60.5; 48; 30Alp Hya ; 1.98; 4100;occ; 121; 0;46695
4; 2374.4; 03-FEB-2011 20:29:25; Bright; 41.0; 17; 78Bet Gem ; 1.16; 4500;occ; 82; 0;46695
5; 3237.5; 03-FEB-2011 20:43:48; Bright; 46.5; 36; 50Alp UMa ; 1.80; 6300;occ; 93; 0;46695
6; 3583.3; 03-FEB-2011 20:49:33; Bright; 40.5; 60; 7Bet UMi ; 2.08; 3950;occ; 81; 0;46695
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10; 4696.8; 03-FEB-2011 21:08:07; Bright; 70.0; 127; 27Bet Her ; 2.78; 4700;occ; 140; 0;46695
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6; 214.1; 03-FEB-2011 21:33:38; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;46696
7; 287.5; 03-FEB-2011 21:34:52; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;46696
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9; 645.7; 03-FEB-2011 21:40:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46696
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3; -1544.1; 03-FEB-2011 07:42:28; Bright; 65.0; 133; 40Zet Her ; 2.81; 6000;occ; 130; 0;46687
4; -1320.1; 03-FEB-2011 07:46:12; Bright; 49.5; 127; 27Bet Her ; 2.78; 4700;occ; 99; 0;46687
5; -1099.5; 03-FEB-2011 07:49:52; Bright; 40.5; 126; 60Bet Oph ; 2.77; 4250;occ; 81; 0;46687
6; -705.1; 03-FEB-2011 07:56:27; Dark ; 43.0; 86; 35Eta Oph ; 2.43; 10200;occ; 86; 0;46687
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14; 639.5; 03-FEB-2011 08:18:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46688
15; 828.1; 03-FEB-2011 08:22:00; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;46688
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9; 4914.8; 03-FEB-2011 09:30:07; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46688
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 7; 4470.3; 03-FEB-2011 12:43:10; Bright; 65.0; 133; 40Zet Her ; 2.81; 6000;occ; 130; 0;46690  
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 12; 5666.9; 03-FEB-2011 13:03:07; Dark ; 47.0; 158; 6Pi Sco ; 2.91; 28000;occ; 94; 0;46690  
 13; 5925.9; 03-FEB-2011 13:07:26; Dark ; 43.5; 131; Gam Lup ; 2.80; 26000;occ; 87; 0;46690  
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 9; 4916.0; 03-FEB-2011 14:30:50; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46691  
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 12; 5668.1; 03-FEB-2011 14:43:22; Dark ; 47.0; 158; 6Pi Sco ; 2.91; 28000;occ; 94; 0;46691  
 13; 5926.9; 03-FEB-2011 14:47:41; Dark ; 44.0; 131; Gam Lup ; 2.80; 26000;occ; 88; 0;46691  
 14; 6064.2; 03-FEB-2011 14:49:58; Dark ; 44.5; 109; Bet Lup ; 2.68; 26000;occ; 89; 0;46692

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16; 6299.3; 03-FEB-2011 14:53:53; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;46692
17; 6499.8; 03-FEB-2011 14:57:14; Dark ; 41.0; 12; Alp1Cru ; 0.77; 30000;occ; 82; 0;46692
18; 6656.6; 03-FEB-2011 14:59:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46692
19; 6844.5; 03-FEB-2011 15:02:58; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;46692
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 9; 4916.3; 03-FEB-2011 16:11:04; Bright; 56.0; 126; 60Bet Oph ; 2.77; 4250;occ; 112; 0;46692
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19; 6845.0; 03-FEB-2011 16:43:13; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;46693
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17; 6309.7; 04-FEB-2011 19:18:02; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;46709
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 5; 171.1; 06-FEB-2011 23:03:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46740
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 13; 5708.6; 06-FEB-2011 09:33:23; Dark ; 49.0; 158; 6Pi Sco ; 2.91; 28000;occ; 98; 0;46731  
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 13; 5709.8; 06-FEB-2011 11:13:38; Dark ; 47.0; 158; 6Pi Sco ; 2.91; 28000;occ; 94; 0;46732  
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13; 542.4; 11-FEB-2011 05:03:37; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;46801
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15; 888.1; 11-FEB-2011 05:09:23; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;46801
16; 1726.6; 11-FEB-2011 05:23:21; Dark ; 53.0; 48; 30Alp Hya ; 1.98; 4100;occ; 106; 0;46801
17; 2398.7; 11-FEB-2011 05:34:34; Bright; 48.0; 166; 17Eps Leo ; 2.98; 6000;occ; 96; 0;46801
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12; 542.9; 11-FEB-2011 06:43:52; Dark ; 46.0; 12; Alp1Cru ; 0.77; 30000;occ; 92; 0;46802
13; 624.9; 11-FEB-2011 06:45:14; Dark ; 47.5; 64; Gam Cen ; 2.20; 10600;occ; 95; 0;46802
14; 888.4; 11-FEB-2011 06:49:37; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;46802
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16; 2398.2; 11-FEB-2011 07:14:47; Bright; 46.5; 166; 17Eps Leo ; 2.98; 6000;occ; 93; 0;46802
17; 3116.9; 11-FEB-2011 07:26:46; Bright; 47.0; 82; 48Bet UMa ; 2.37; 10600;occ; 94; 0;46802
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5; 224.2; 11-FEB-2011 21:40:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46811
6; 358.0; 11-FEB-2011 21:42:53; Dark ; 46.5; 10; Bet Cen ; 0.61; 28000;occ; 93; 0;46811

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7; -341.3; 11-FEB-2011 08:09:22; Dark ; 67.0; 16; 21Alp Sco ; 1.02; 3000;occ; 134; 0;46802
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9; 14.6; 11-FEB-2011 08:15:18; Dark ; 47.0; 131; Gam Lup ; 2.80; 26000;occ; 94; 0;46803
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13; 625.7; 11-FEB-2011 08:25:29; Dark ; 48.5; 64; Gam Cen ; 2.20; 10600;occ; 97; 0;46803
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13; 6029.6; 11-FEB-2011 09:55:33; Dark ; 46.0; 131; Gam Lup ; 2.80; 26000;occ; 92; 0;46804
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3; 3115.5; 11-FEB-2011 10:47:12; Bright; 59.5; 82; 48Bet UMa ; 2.37; 10600;occ; 119; 0;46804
4; 3553.1; 11-FEB-2011 10:54:30; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;46804
5; 3842.5; 11-FEB-2011 10:59:19; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46804
6; 4059.0; 11-FEB-2011 11:02:56; Bright; 37.5; 130; 23Bet Dra ; 2.80; 5800;occ; 75; 0;46804
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9; 4960.8; 11-FEB-2011 11:17:58; Bright; 42.5; 126; 60Bet Oph ; 2.77; 4250;occ; 85; 0;46804
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5; 3842.4; 11-FEB-2011 12:39:33; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;46805
6; 4058.9; 11-FEB-2011 12:43:10; Bright; 41.0; 130; 23Bet Dra ; 2.80; 5800;occ; 82; 0;46805
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3; 3113.4; 11-FEB-2011 15:47:52; Bright; 47.0; 82; 48Bet UMa ; 2.37; 10600;occ; 94; 0;46807
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17; 6643.9; 11-FEB-2011 16:46:43; Dark ; 46.5; 64; Gam Cen ; 2.20; 10600;occ; 93; 0;46808
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4; 24.6; 12-FEB-2011 00:57:47; Dark ; 45.0; 131; Gam Lup ; 2.80; 26000;occ; 90; 0;46813
5; 225.7; 12-FEB-2011 01:01:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46813
6; 359.4; 12-FEB-2011 01:03:22; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;46813
7; 548.3; 12-FEB-2011 01:06:31; Dark ; 50.0; 12; Alp1Cru ; 0.77; 30000;occ; 100; 0;46813
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9; 893.6; 12-FEB-2011 01:12:16; Dark ; 43.5; 113; Mu Vel ; 2.69; 5000;occ; 87; 0;46813
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11; 2391.8; 12-FEB-2011 01:37:15; Bright; 44.5; 166; 17Eps Leo ; 2.98; 6000;occ; 89; 0;46813
12; 3109.1; 12-FEB-2011 01:49:12; Bright; 44.5; 82; 48Bet UMa ; 2.37; 10600;occ; 89; 0;46813

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 9; 894.2; 12-FEB-2011 02:52:31; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;46814
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13; 549.5; 12-FEB-2011 04:27:00; Dark ; 42.5; 12; Alp1Cru ; 0.77; 30000;occ; 85; 0;46815
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 5; 3835.1; 13-FEB-2011 08:05:30; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46831
 6; 4056.4; 13-FEB-2011 08:09:11; Bright; 41.5; 130; 23Bet Dra ; 2.80; 5800;occ; 83; 0;46831
 7; 4305.3; 13-FEB-2011 08:13:20; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;46831
 8; 4838.6; 13-FEB-2011 08:22:14; Bright; 43.0; 59; 55Alp Oph ; 2.08; 8900;occ; 86; 0;46831
 9; 4973.5; 13-FEB-2011 08:24:29; Bright; 46.5; 126; 60Bet Oph ; 2.77; 4250;occ; 93; 0;46831
10; 5405.0; 13-FEB-2011 08:31:40; Dark ; 50.5; 86; 35Eta Oph ; 2.43; 10200;occ; 101; 0;46831
11; 5701.6; 13-FEB-2011 08:36:37; Dark ; 56.0; 16; 21Alp Sco ; 1.02; 3000;occ; 112; 0;46831
12; 5826.4; 13-FEB-2011 08:38:41; Dark ; 57.0; 158; 6Pi Sco ; 2.91; 28000;occ; 114; 0;46831
13; 6057.5; 13-FEB-2011 08:42:33; Dark ; 48.0; 131; Gam Lup ; 2.80; 26000;occ; 96; 0;46832
14; 6254.1; 13-FEB-2011 08:45:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46832
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16; 6571.9; 13-FEB-2011 08:51:07; Dark ; 50.0; 12; Alp1Cru ; 0.77; 30000;occ; 100; 0;46832
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 4; 3835.1; 13-FEB-2011 09:45:44; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46832
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 12; 6058.6; 13-FEB-2011 10:22:48; Dark ; 46.5; 131; Gam Lup ; 2.80; 26000;occ; 93; 0;46833  
 13; 6254.9; 13-FEB-2011 10:26:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46833  
 14; 6385.7; 13-FEB-2011 10:28:15; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;46833  
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 16; 6663.9; 13-FEB-2011 10:32:53; Dark ; 46.0; 64; Gam Cen ; 2.20; 10600;occ; 92; 0;46833  
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 3; 3544.7; 13-FEB-2011 11:21:08; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;46833  
 4; 3834.5; 13-FEB-2011 11:25:57; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;46833  
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 6; 4305.5; 13-FEB-2011 11:33:48; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;46833  
 7; 4839.5; 13-FEB-2011 11:42:43; Bright; 45.0; 59; 55Alp Oph ; 2.08; 8900;occ; 90; 0;46833  
 8; 4974.6; 13-FEB-2011 11:44:58; Bright; 45.5; 126; 60Bet Oph ; 2.77; 4250;occ; 91; 0;46833  
 9; 5406.6; 13-FEB-2011 11:52:10; Dark ; 47.5; 86; 35Eta Oph ; 2.43; 10200;occ; 95; 0;46833  
 10; 5703.5; 13-FEB-2011 11:57:07; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;46833  
 11; 5828.9; 13-FEB-2011 11:59:12; Dark ; 53.0; 158; 6Pi Sco ; 2.91; 28000;occ; 106; 0;46833  
 12; 6059.6; 13-FEB-2011 12:03:03; Dark ; 46.0; 131; Gam Lup ; 2.80; 26000;occ; 92; 0;46834  
 13; 6255.6; 13-FEB-2011 12:06:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46834  
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 15; 6572.7; 13-FEB-2011 12:11:36; Dark ; 46.0; 12; Alp1Cru ; 0.77; 30000;occ; 92; 0;46834  
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 4; 3544.7; 13-FEB-2011 13:01:22; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;46834  
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 6; 4056.1; 13-FEB-2011 13:09:53; Bright; 41.0; 130; 23Bet Dra ; 2.80; 5800;occ; 82; 0;46834  
 7; 4305.5; 13-FEB-2011 13:14:02; Bright; 38.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 77; 0;46834  
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 12; 5830.3; 13-FEB-2011 13:39:27; Dark ; 54.5; 158; 6Pi Sco ; 2.91; 28000;occ; 109; 0;46834  
 13; 6060.8; 13-FEB-2011 13:43:18; Dark ; 46.0; 131; Gam Lup ; 2.80; 26000;occ; 92; 0;46835  
 14; 6256.4; 13-FEB-2011 13:46:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46835  
 15; 6386.9; 13-FEB-2011 13:48:44; Dark ; 45.5; 10; Bet Cen ; 0.61; 28000;occ; 91; 0;46835  
 16; 6573.3; 13-FEB-2011 13:51:50; Dark ; 43.5; 12; Alp1Cru ; 0.77; 30000;occ; 87; 0;46835  
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 4; 3544.1; 13-FEB-2011 14:41:35; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;46835  
 5; 3834.2; 13-FEB-2011 14:46:25; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46835  
 6; 4056.1; 13-FEB-2011 14:50:07; Bright; 41.5; 130; 23Bet Dra ; 2.80; 5800;occ; 83; 0;46835  
 7; 4305.8; 13-FEB-2011 14:54:17; Bright; 37.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 74; 0;46835  
 8; 4840.4; 13-FEB-2011 15:03:11; Bright; 64.0; 59; 55Alp Oph ; 2.08; 8900;occ; 128; 0;46835  
 9; 4975.6; 13-FEB-2011 15:05:27; Bright; 50.5; 126; 60Bet Oph ; 2.77; 4250;occ; 101; 0;46835  
 10; 5408.3; 13-FEB-2011 15:12:39; Dark ; 47.5; 86; 35Eta Oph ; 2.43; 10200;occ; 95; 0;46835  
 11; 5705.8; 13-FEB-2011 15:17:37; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;46835  
 12; 5831.5; 13-FEB-2011 15:19:42; Dark ; 54.5; 158; 6Pi Sco ; 2.91; 28000;occ; 109; 0;46835  
 13; 6061.6; 13-FEB-2011 15:23:32; Dark ; 49.0; 131; Gam Lup ; 2.80; 26000;occ; 98; 0;46836  
 14; 6257.3; 13-FEB-2011 15:26:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46836  
 15; 6387.7; 13-FEB-2011 15:28:59; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;46836  
 16; 6573.9; 13-FEB-2011 15:32:05; Dark ; 42.0; 12; Alp1Cru ; 0.77; 30000;occ; 84; 0;46836  
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5; 3833.4; 13-FEB-2011 18:06:52; Bright; 43.5; 119; 14Eta Dra ; 2.73; 4700;occ; 87; 0;46837
6; 4055.8; 13-FEB-2011 18:10:35; Bright; 41.5; 130; 23Bet Dra ; 2.80; 5800;occ; 83; 0;46837
7; 4305.9; 13-FEB-2011 18:14:45; Bright; 35.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 71; 0;46837
8; 4841.1; 13-FEB-2011 18:23:40; Bright; 48.5; 59; 55Alp Oph ; 2.08; 8900;occ; 97; 0;46837
9; 4976.7; 13-FEB-2011 18:25:56; Dark ; 51.5; 126; 60Bet Oph ; 2.77; 4250;occ; 103; 0;46837
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4; 3543.1; 13-FEB-2011 19:42:16; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;46838
5; 3833.1; 13-FEB-2011 19:47:06; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46838
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3; 53.7; 14-FEB-2011 01:25:03; Dark ; 46.0; 131; Gam Lup ; 2.80; 26000;occ; 92; 0;46842
4; 247.8; 14-FEB-2011 01:28:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46842
5; 377.0; 14-FEB-2011 01:30:26; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;46842
6; 562.8; 14-FEB-2011 01:33:32; Dark ; 49.5; 12; Alp1Cru ; 0.77; 30000;occ; 99; 0;46842
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23; 6391.8; 14-FEB-2011 03:10:41; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;46843
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25; 6671.6; 14-FEB-2011 03:15:21; Dark ; 47.0; 64; Gam Cen ; 2.20; 10600;occ; 94; 0;46843
26; 6921.9; 14-FEB-2011 03:19:31; Dark ; 42.5; 113; Mu Vel ; 2.69; 5000;occ; 85; 0;46843
27; 7741.7; 14-FEB-2011 03:33:11; Dark ; 47.5; 48; 30Alp Hya ; 1.98; 4100;occ; 95; 0;46843
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4; 3538.9; 14-FEB-2011 19:05:28; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;46852
5; 3829.0; 14-FEB-2011 19:10:18; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;46852
6; 4053.8; 14-FEB-2011 19:14:03; Bright; 60.0; 130; 23Bet Dra ; 2.80; 5800;occ; 120; 0;46852
7; 4307.2; 14-FEB-2011 19:18:16; Bright; 39.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 79; 0;46852
8; 4847.9; 14-FEB-2011 19:27:17; Bright; 46.0; 59; 55Alp Oph ; 2.08; 8900;occ; 92; 0;46852
9; 4983.9; 14-FEB-2011 19:29:33; Dark ; 52.0; 126; 60Bet Oph ; 2.77; 4250;occ; 104; 0;46852
10; 5422.0; 14-FEB-2011 19:36:51; Dark ; 50.5; 86; 35Eta Oph ; 2.43; 10200;occ; 101; 0;46852
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12; 5854.1; 14-FEB-2011 19:44:03; Dark ; 56.0; 158; 6Pi Sco ; 2.91; 28000;occ; 112; 0;46852
13; 6079.0; 14-FEB-2011 19:47:48; Dark ; 48.0; 131; Gam Lup ; 2.80; 26000;occ; 96; 0;46853
14; 6270.3; 14-FEB-2011 19:50:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46853
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16; 6477.8; 14-FEB-2011 19:54:27; Dark ; 44.5; 77; Eps Cen ; 2.30; 28000;occ; 89; 0;46853
17; 6582.2; 14-FEB-2011 19:56:11; Dark ; 42.0; 12; Alp1Cru ; 0.77; 30000;occ; 84; 0;46853
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6; 385.6; 15-FEB-2011 00:53:51; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;46856
7; 465.8; 15-FEB-2011 00:55:11; Dark ; 44.0; 77; Eps Cen ; 2.30; 28000;occ; 88; 0;46856
8; 569.6; 15-FEB-2011 00:56:55; Dark ; 45.0; 12; Alp1Cru ; 0.77; 30000;occ; 90; 0;46856
9; 667.4; 15-FEB-2011 00:58:32; Dark ; 46.0; 64; Gam Cen ; 2.20; 10600;occ; 92; 0;46856
10; 913.5; 15-FEB-2011 01:02:39; Dark ; 42.0; 113; Mu Vel ; 2.69; 5000;occ; 84; 0;46856
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12; 2370.1; 15-FEB-2011 01:26:55; Bright; 46.5; 166; 17Eps Leo ; 2.98; 6000;occ; 93; 0;46856
13; 3078.8; 15-FEB-2011 01:38:44; Bright; 45.0; 82; 48Bet UMa ; 2.37; 10600;occ; 90; 0;46856

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16; 4053.2; 15-FEB-2011 01:54:58; Bright; 42.0; 130; 23Bet Dra ; 2.80; 5800;occ; 84; 0;46856
17; 4307.4; 15-FEB-2011 01:59:12; Bright; 36.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 73; 0;46856
18; 4849.7; 15-FEB-2011 02:08:15; Bright; 46.5; 59; 55Alp Oph ; 2.08; 8900;occ; 93; 0;46856
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 6; 386.4; 15-FEB-2011 02:34:05; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;46857
 7; 466.8; 15-FEB-2011 02:35:26; Dark ; 44.5; 77; Eps Cen ; 2.30; 28000;occ; 89; 0;46857
 8; 570.1; 15-FEB-2011 02:37:09; Dark ; 42.5; 12; Alp1Cru ; 0.77; 30000;occ; 85; 0;46857
 9; 668.3; 15-FEB-2011 02:38:47; Dark ; 46.5; 64; Gam Cen ; 2.20; 10600;occ; 93; 0;46857
10; 914.0; 15-FEB-2011 02:42:53; Dark ; 42.0; 113; Mu Vel ; 2.69; 5000;occ; 84; 0;46857
11; 1727.9; 15-FEB-2011 02:56:27; Dark ; 40.0; 48; 30Alp Hya ; 1.98; 4100;occ; 80; 0;46857
12; 2369.6; 15-FEB-2011 03:07:09; Bright; 45.5; 166; 17Eps Leo ; 2.98; 6000;occ; 91; 0;46857
13; 3078.1; 15-FEB-2011 03:18:57; Bright; 44.0; 82; 48Bet UMa ; 2.37; 10600;occ; 88; 0;46857
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 3;-1960.9; 15-FEB-2011 03:35:12; Bright; 40.0; 130; 23Bet Dra ; 2.80; 5800;occ; 80; 0;46857
 4;-1706.7; 15-FEB-2011 03:39:26; Bright; 37.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 75; 0;46857
 5;-1163.9; 15-FEB-2011 03:48:29; Bright; 48.5; 59; 55Alp Oph ; 2.08; 8900;occ; 97; 0;46857
 6;-1027.6; 15-FEB-2011 03:50:45; Dark ; 51.5; 126; 60Bet Oph ; 2.77; 4250;occ; 103; 0;46857
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 8; -285.0; 15-FEB-2011 04:03:08; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;46857
 9; -153.2; 15-FEB-2011 04:05:20; Dark ; 55.5; 158; 6Pi Sco ; 2.91; 28000;occ; 111; 0;46857
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11; 260.1; 15-FEB-2011 04:12:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46858
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13; 468.0; 15-FEB-2011 04:15:41; Dark ; 45.0; 77; Eps Cen ; 2.30; 28000;occ; 90; 0;46858
14; 570.8; 15-FEB-2011 04:17:24; Dark ; 51.5; 12; Alp1Cru ; 0.77; 30000;occ; 103; 0;46858
15; 669.2; 15-FEB-2011 04:19:02; Dark ; 47.5; 64; Gam Cen ; 2.20; 10600;occ; 95; 0;46858
16; 914.6; 15-FEB-2011 04:23:08; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;46858
17; 1728.2; 15-FEB-2011 04:36:41; Dark ; 40.0; 48; 30Alp Hya ; 1.98; 4100;occ; 80; 0;46858
18; 2369.4; 15-FEB-2011 04:47:22; Bright; 45.0; 166; 17Eps Leo ; 2.98; 6000;occ; 90; 0;46858
19; 3077.8; 15-FEB-2011 04:59:11; Bright; 43.5; 82; 48Bet UMa ; 2.37; 10600;occ; 87; 0;46858
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 3;-1706.4; 15-FEB-2011 05:19:41; Bright; 38.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 77; 0;46858
 4;-1163.3; 15-FEB-2011 05:28:44; Bright; 46.5; 59; 55Alp Oph ; 2.08; 8900;occ; 93; 0;46858
 5;-1026.9; 15-FEB-2011 05:31:00; Dark ; 46.5; 126; 60Bet Oph ; 2.77; 4250;occ; 93; 0;46858
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 8; -151.8; 15-FEB-2011 05:45:35; Dark ; 55.5; 158; 6Pi Sco ; 2.91; 28000;occ; 111; 0;46858
 9; 71.4; 15-FEB-2011 05:49:19; Dark ; 48.0; 131; Gam Lup ; 2.80; 26000;occ; 96; 0;46859
10; 260.8; 15-FEB-2011 05:52:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46859
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12; 468.4; 15-FEB-2011 05:55:56; Dark ; 45.0; 77; Eps Cen ; 2.30; 28000;occ; 90; 0;46859
13; 571.5; 15-FEB-2011 05:57:39; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;46859
14; 670.0; 15-FEB-2011 05:59:17; Dark ; 49.5; 64; Gam Cen ; 2.20; 10600;occ; 99; 0;46859
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16; 1728.2; 15-FEB-2011 06:16:55; Dark ; 41.5; 48; 30Alp Hya ; 1.98; 4100;occ; 83; 0;46859
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18; 3077.1; 15-FEB-2011 06:39:24; Bright; 45.0; 82; 48Bet UMa ; 2.37; 10600;occ; 90; 0;46859
19; 3536.8; 15-FEB-2011 06:47:04; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;46859
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 3;-1706.3; 15-FEB-2011 06:59:55; Bright; 40.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 80; 0;46859
 4;-1162.8; 15-FEB-2011 07:08:58; Bright; 46.5; 59; 55Alp Oph ; 2.08; 8900;occ; 93; 0;46859
 5;-1026.5; 15-FEB-2011 07:11:15; Dark ; 53.5; 126; 60Bet Oph ; 2.77; 4250;occ; 107; 0;46859

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8; -150.3; 15-FEB-2011 07:25:51; Dark ; 56.5; 158; 6Pi Sco ; 2.91; 28000;occ; 113; 0;46859  
9; 72.3; 15-FEB-2011 07:29:34; Dark ; 47.0; 131; Gam Lup ; 2.80; 26000;occ; 94; 0;46860  
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11; 388.3; 15-FEB-2011 07:34:49; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;46860  
12; 469.2; 15-FEB-2011 07:36:10; Dark ; 44.5; 77; Eps Cen ; 2.30; 28000;occ; 89; 0;46860  
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4; 3536.4; 15-FEB-2011 08:27:18; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46860  
5; 3826.5; 15-FEB-2011 08:32:08; Bright; 44.5; 119; 14Eta Dra ; 2.73; 4700;occ; 89; 0;46860  
6; 4052.9; 15-FEB-2011 08:35:54; Bright; 40.5; 130; 23Bet Dra ; 2.80; 5800;occ; 81; 0;46860  
7; 4308.0; 15-FEB-2011 08:40:09; Bright; 40.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 80; 0;46860  
8; 4851.7; 15-FEB-2011 08:49:13; Bright; 52.5; 59; 55Alp Oph ; 2.08; 8900;occ; 105; 0;46860  
9; 4988.3; 15-FEB-2011 08:51:29; Dark ; 52.0; 126; 60Bet Oph ; 2.77; 4250;occ; 104; 0;46860  
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5; 3826.3; 15-FEB-2011 10:12:21; Bright; 43.5; 119; 14Eta Dra ; 2.73; 4700;occ; 87; 0;46861  
6; 4052.7; 15-FEB-2011 10:16:08; Bright; 41.0; 130; 23Bet Dra ; 2.80; 5800;occ; 82; 0;46861  
7; 4307.9; 15-FEB-2011 10:20:23; Bright; 36.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 73; 0;46861  
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10; 5429.8; 15-FEB-2011 10:39:05; Dark ; 50.0; 86; 35Eta Oph ; 2.43; 10200;occ; 100; 0;46861  
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13; 6088.4; 15-FEB-2011 10:50:04; Dark ; 46.5; 131; Gam Lup ; 2.80; 26000;occ; 93; 0;46862  
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16; 6484.9; 15-FEB-2011 10:56:40; Dark ; 43.0; 77; Eps Cen ; 2.30; 28000;occ; 86; 0;46862  
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3; 3074.4; 15-FEB-2011 13:20:17; Bright; 44.0; 82; 48Bet UMa ; 2.37; 10600;occ; 88; 0;46863  
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 3; 97.5; 16-FEB-2011 23:35:35; Dark ; 47.5; 131; Gam Lup ; 2.80; 26000;occ; 95; 0;46884
 4; 280.0; 16-FEB-2011 23:38:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46884
 5; 403.1; 16-FEB-2011 23:40:40; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;46884
 6; 487.6; 16-FEB-2011 23:42:05; Dark ; 45.0; 77; Eps Cen ; 2.30; 28000;occ; 90; 0;46884
 7; 628.4; 16-FEB-2011 23:44:26; Dark ; 59.0; 26; Gam Cru ; 1.62; 2900;occ; 118; 0;46884
 8; 750.6; 16-FEB-2011 23:46:28; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;46884
 9; 926.0; 16-FEB-2011 23:49:23; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;46884
10; 1729.0; 17-FEB-2011 00:02:46; Dark ; 48.0; 48; 30Alp Hya ; 1.98; 4100;occ; 96; 0;46884
11; 2160.0; 17-FEB-2011 00:09:57; Bright; 50.5; 22; 32Alp Leo ; 1.36; 15200;occ; 101; 0;46884
12; 2357.8; 17-FEB-2011 00:13:15; Bright; 43.5; 166; 17Eps Leo ; 2.98; 6000;occ; 87; 0;46884
13; 3060.5; 17-FEB-2011 00:24:58; Bright; 45.0; 82; 48Bet UMa ; 2.37; 10600;occ; 90; 0;46884
14; 3529.3; 17-FEB-2011 00:32:46; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;46884
15; 3819.0; 17-FEB-2011 00:37:36; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;46884
16; 4049.8; 17-FEB-2011 00:41:27; Bright; 41.0; 130; 23Bet Dra ; 2.80; 5800;occ; 82; 0;46884
17; 4309.8; 17-FEB-2011 00:45:47; Bright; 36.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 73; 0;46884
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12; 565.8; 16-FEB-2011 07:01:03; Dark ; 48.5; 20; Bet Cru ; 1.25; 30000;occ; 97; 0;46874
13; 639.8; 16-FEB-2011 07:02:17; Dark ; 40.5; 129; Del Cru ; 2.79; 26000;occ; 81; 0;46874
14; 744.2; 16-FEB-2011 07:04:01; Dark ; 45.5; 99; Del Cen ; 2.58; 26000;occ; 91; 0;46874
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 3; 2361.6; 16-FEB-2011 09:11:13; Bright; 44.0; 166; 17Eps Leo ; 2.98; 6000;occ; 88; 0;46875
 4; 3066.4; 16-FEB-2011 09:22:58; Bright; 48.5; 82; 48Bet UMa ; 2.37; 10600;occ; 97; 0;46875
 5; 3532.0; 16-FEB-2011 09:30:43; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;46875
 6; 3821.8; 16-FEB-2011 09:35:33; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;46875
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 8; 4309.1; 16-FEB-2011 09:43:40; Bright; 38.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 76; 0;46875
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 13; 6103.1; 16-FEB-2011 10:13:34; Dark ; 47.5; 131; Gam Lup ; 2.80; 26000;occ; 95; 0;46876  
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 5; 3531.6; 16-FEB-2011 11:10:57; Bright; 42.5; 60; 7Bet UMi ; 2.08; 3950;occ; 85; 0;46876  
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 11; 5443.0; 16-FEB-2011 11:42:48; Dark ; 52.5; 86; 35Eta Oph ; 2.43; 10200;occ; 105; 0;46876  
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 13; 6104.2; 16-FEB-2011 11:53:49; Dark ; 50.0; 131; Gam Lup ; 2.80; 26000;occ; 100; 0;46877  
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 17; 6581.3; 16-FEB-2011 12:01:46; Dark ; 40.5; 20; Bet Cru ; 1.25; 30000;occ; 81; 0;46877  
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 19; 6760.2; 16-FEB-2011 12:04:45; Dark ; 46.0; 99; Del Cen ; 2.58; 26000;occ; 92; 0;46877  
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 3; 2360.6; 16-FEB-2011 12:31:40; Bright; 43.0; 166; 17Eps Leo ; 2.98; 6000;occ; 86; 0;46877  
 4; 3065.1; 16-FEB-2011 12:43:24; Bright; 45.0; 82; 48Bet UMa ; 2.37; 10600;occ; 90; 0;46877  
 5; 3531.4; 16-FEB-2011 12:51:10; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46877  
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 12; 5751.4; 16-FEB-2011 13:28:11; Dark ; 57.5; 16; 21Alp Sco ; 1.02; 3000;occ; 115; 0;46877  
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 16; 6581.9; 16-FEB-2011 13:42:01; Dark ; 42.0; 20; Bet Cru ; 1.25; 30000;occ; 84; 0;46878  
 17; 6760.9; 16-FEB-2011 13:45:00; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;46878  
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 5; 3531.0; 16-FEB-2011 14:31:24; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;46878  
 6; 3821.1; 16-FEB-2011 14:36:14; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;46878  
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 9; 4860.3; 16-FEB-2011 14:53:33; Bright; 48.5; 59; 55Alp Oph ; 2.08; 8900;occ; 97; 0;46878  
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3; 280.8; 17-FEB-2011 01:18:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46885
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13; 3528.8; 17-FEB-2011 02:13:00; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;46885
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19; 5451.2; 17-FEB-2011 02:45:02; Dark ; 48.5; 86; 35Eta Oph ; 2.43; 10200;occ; 97; 0;46885
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21; 6113.8; 17-FEB-2011 02:56:05; Dark ; 47.5; 131; Gam Lup ; 2.80; 26000;occ; 95; 0;46886
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 33; 6970.1; 22-FEB-2011 03:27:10; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;46958  
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 5; -1267.5; 22-FEB-2011 04:30:20; Bright; 55.0; 168; 17Zet Aql ; 2.99; 11000;occ; 110; 0;46958  
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 16; 6197.3; 22-FEB-2011 09:55:13; Dark ; 51.0; 131; Gam Lup ; 2.80; 26000;occ; 102; 0;46962  
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9; 4747.7; 22-FEB-2011 12:51:31; Bright; 55.0; 168; 17Zet Aql ; 2.99; 11000;occ; 110; 0;46963
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13; 5755.5; 22-FEB-2011 14:48:33; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;46964
14; 5927.1; 22-FEB-2011 14:51:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46964
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11; 5052.6; 22-FEB-2011 16:17:04; Dark ; 58.5; 126; 60Bet Oph ; 2.77; 4250;occ; 117; 0;46965
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13; 5542.9; 22-FEB-2011 16:25:15; Dark ; 50.5; 116; 19Del Sgr ; 2.70; 4100;occ; 101; 0;46965
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16; 3776.8; 25-FEB-2011 00:43:45; Bright; 44.5; 119; 14Eta Dra ; 2.73; 4700;occ; 89; 0;46999
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21; 6830.5; 24-FEB-2011 17:13:28; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;46995
22; 6984.2; 24-FEB-2011 17:16:02; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;46995
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 2; 2123.1; 24-FEB-2011 17:35:15; Bright; 44.0; 22; 32Alp Leo ; 1.36; 15200;occ; 88; 0;46995
 3; 2322.1; 24-FEB-2011 17:38:34; Bright; 41.5; 166; 17Eps Leo ; 2.98; 6000;occ; 83; 0;46995
 4; 2842.3; 24-FEB-2011 17:47:14; Bright; 45.5; 174; 52Psi UMa ; 3.00; 4400;occ; 91; 0;46995
 5; 2995.1; 24-FEB-2011 17:49:47; Bright; 41.0; 82; 48Bet UMa ; 2.37; 10600;occ; 82; 0;46995
 6; 3493.2; 24-FEB-2011 17:58:05; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;46995
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 9; 4317.4; 24-FEB-2011 18:11:49; Bright; 37.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 75; 0;46995
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11; 5074.8; 24-FEB-2011 18:24:27; Dark ; 58.5; 126; 60Bet Oph ; 2.77; 4250;occ; 117; 0;46995
12; 5477.9; 24-FEB-2011 18:31:10; Dark ; 46.5; 137; 22Lam Sgr ; 2.82; 4400;occ; 93; 0;46995
13; 5621.4; 24-FEB-2011 18:33:33; Dark ; 41.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 83; 0;46995
14; 5778.5; 24-FEB-2011 18:36:10; Dark ; 45.5; 25; 35Lam Sco ; 1.62; 28000;occ; 91; 0;46995

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 17; 6405.9; 24-FEB-2011 18:46:38; Dark ; 58.0; 4; Alp1Cen ; -0.01; 5800;occ; 116; 0;46996  
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 20; 6705.4; 24-FEB-2011 18:51:37; Dark ; 55.0; 26; Gam Cru ; 1.62; 2900;occ; 110; 0;46996  
 21; 6831.1; 24-FEB-2011 18:53:43; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;46996  
 22; 6985.3; 24-FEB-2011 18:56:17; Dark ; 44.0; 113; Mu Vel ; 2.69; 5000;occ; 88; 0;46996

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 8; 819.1; 25-FEB-2011 01:34:41; Dark ; 46.0; 99; Del Cen ; 2.58; 26000;occ; 92; 0;47000  
 9; 2121.7; 25-FEB-2011 01:56:24; Bright; 61.0; 22; 32Alp Leo ; 1.36; 15200;occ; 122; 0;47000  
 10; 2320.9; 25-FEB-2011 01:59:43; Bright; 41.5; 166; 17Eps Leo ; 2.98; 6000;occ; 83; 0;47000  
 11; 2838.5; 25-FEB-2011 02:08:20; Bright; 46.0; 174; 52Psi UMa ; 3.00; 4400;occ; 92; 0;47000  
 12; 2992.4; 25-FEB-2011 02:10:54; Bright; 41.0; 82; 48Bet UMa ; 2.37; 10600;occ; 82; 0;47000  
 13; 3082.8; 25-FEB-2011 02:12:25; Bright; 49.0; 87; 64Gam UMa ; 2.43; 11000;occ; 98; 0;47000  
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 16; 4029.0; 25-FEB-2011 02:28:11; Bright; 44.5; 130; 23Bet Dra ; 2.80; 5800;occ; 89; 0;47000  
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 18; 4758.4; 25-FEB-2011 02:40:20; Bright; 56.0; 168; 17Zet Aql ; 2.99; 11000;occ; 112; 0;47000  
 19; 4931.3; 25-FEB-2011 02:43:13; Dark ; 63.5; 59; 55Alp Oph ; 2.08; 8900;occ; 127; 0;47000  
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 23; 5782.2; 25-FEB-2011 02:57:24; Dark ; 45.5; 25; 35Lam Sco ; 1.62; 28000;occ; 91; 0;47000  
 24; 5962.0; 25-FEB-2011 03:00:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;47000  
 25; 6242.1; 25-FEB-2011 03:05:04; Dark ; 50.5; 131; Gam Lup ; 2.80; 26000;occ; 101; 0;47001  
 26; 6487.9; 25-FEB-2011 03:09:10; Dark ; 45.5; 10; Bet Cen ; 0.61; 28000;occ; 91; 0;47001  
 27; 6589.0; 25-FEB-2011 03:10:51; Dark ; 43.0; 77; Eps Cen ; 2.30; 28000;occ; 86; 0;47001  
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 31; 8334.6; 25-FEB-2011 03:39:56; Bright; 38.5; 166; 17Eps Leo ; 2.98; 6000;occ; 77; 0;47001  
 32; 8851.5; 25-FEB-2011 03:48:33; Bright; 54.5; 174; 52Psi UMa ; 3.00; 4400;occ; 109; 0;47001  
 33; 9005.8; 25-FEB-2011 03:51:08; Bright; 42.5; 82; 48Bet UMa ; 2.37; 10600;occ; 85; 0;47001  
 34; 9096.1; 25-FEB-2011 03:52:38; Bright; 47.5; 87; 64Gam UMa ; 2.43; 11000;occ; 95; 0;47001

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 8; -437.9; 25-FEB-2011 06:14:26; Dark ; 57.5; 86; 35Eta Oph ; 2.43; 10200;occ; 115; 0;47002  
 9; -230.2; 25-FEB-2011 06:17:54; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;47002  
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 11; 230.7; 25-FEB-2011 06:25:35; Dark ; 49.0; 131; Gam Lup ; 2.80; 26000;occ; 98; 0;47003  
 12; 475.2; 25-FEB-2011 06:29:39; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;47003  
 13; 576.5; 25-FEB-2011 06:31:21; Dark ; 45.5; 77; Eps Cen ; 2.30; 28000;occ; 91; 0;47003  
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 15; 820.8; 25-FEB-2011 06:35:25; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;47003  
 16; 2121.1; 25-FEB-2011 06:57:05; Bright; 39.5; 22; 32Alp Leo ; 1.36; 15200;occ; 79; 0;47003  
 17; 2320.2; 25-FEB-2011 07:00:24; Bright; 39.0; 166; 17Eps Leo ; 2.98; 6000;occ; 78; 0;47003  
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 19; 2990.9; 25-FEB-2011 07:11:35; Bright; 41.5; 82; 48Bet UMa ; 2.37; 10600;occ; 83; 0;47003  
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 2; 2318.2; 25-FEB-2011 20:22:14; Bright; 39.5; 166; 17Eps Leo ; 2.98; 6000;occ; 79; 0;47011

3; 2830.3; 25-FEB-2011 20:30:46; Bright; 45.5; 174; 52Psi UMa ; 3.00; 4400;occ; 91; 0;47011  
 4; 2986.3; 25-FEB-2011 20:33:22; Bright; 44.0; 82; 48Bet UMa ; 2.37; 10600;occ; 88; 0;47011  
 5; 3074.2; 25-FEB-2011 20:34:50; Bright; 48.0; 87; 64Gam UMa ; 2.43; 11000;occ; 96; 0;47011  
 6; 3274.9; 25-FEB-2011 20:38:11; Bright; 31.0; 32; 77Eps UMa ; 1.76; 11000;occ; 62; 0;47011  
 7; 3487.8; 25-FEB-2011 20:41:44; Bright; 42.5; 60; 7Bet UMi ; 2.08; 3950;occ; 85; 0;47011  
 8; 3772.0; 25-FEB-2011 20:46:28; Bright; 46.0; 119; 14Eta Dra ; 2.73; 4700;occ; 92; 0;47011  
 9; 4026.6; 25-FEB-2011 20:50:43; Bright; 47.0; 130; 23Bet Dra ; 2.80; 5800;occ; 94; 0;47011  
 10; 4317.8; 25-FEB-2011 20:55:34; Bright; 39.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 78; 0;47011  
 11; 4761.4; 25-FEB-2011 21:02:58; Bright; 37.0; 168; 17Zet Aql ; 2.99; 11000;occ; 74; 0;47011  
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 7; 240.8; 25-FEB-2011 21:27:51; Dark ; 49.5; 131; Gam Lup ; 2.80; 26000;occ; 99; 0;47012  
 8; 480.5; 25-FEB-2011 21:31:51; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;47012  
 9; 582.9; 25-FEB-2011 21:33:33; Dark ; 44.5; 77; Eps Cen ; 2.30; 28000;occ; 89; 0;47012  
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 11; 825.5; 25-FEB-2011 21:37:36; Dark ; 42.5; 99; Del Cen ; 2.58; 26000;occ; 85; 0;47012  
 12; 2118.8; 25-FEB-2011 21:59:09; Bright; 45.0; 22; 32Alp Leo ; 1.36; 15200;occ; 90; 0;47012  
 13; 2318.1; 25-FEB-2011 22:02:28; Bright; 40.0; 166; 17Eps Leo ; 2.98; 6000;occ; 80; 0;47012  
 14; 2829.2; 25-FEB-2011 22:10:59; Bright; 47.0; 174; 52Psi UMa ; 3.00; 4400;occ; 94; 0;47012  
 15; 2985.9; 25-FEB-2011 22:13:36; Bright; 42.0; 82; 48Bet UMa ; 2.37; 10600;occ; 84; 0;47012  
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 17; 3274.0; 25-FEB-2011 22:18:24; Bright; 33.0; 32; 77Eps UMa ; 1.76; 11000;occ; 66; 0;47012  
 18; 3487.4; 25-FEB-2011 22:21:58; Bright; 42.5; 60; 7Bet UMi ; 2.08; 3950;occ; 85; 0;47012  
 19; 3771.6; 25-FEB-2011 22:26:42; Bright; 46.0; 119; 14Eta Dra ; 2.73; 4700;occ; 92; 0;47012  
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 22; 4761.6; 25-FEB-2011 22:43:12; Bright; 38.5; 168; 17Zet Aql ; 2.99; 11000;occ; 77; 0;47012  
 23; 4939.6; 25-FEB-2011 22:46:10; Dark ; 63.0; 59; 55Alp Oph ; 2.08; 8900;occ; 126; 0;47012  
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 7; 583.4; 25-FEB-2011 23:13:47; Dark ; 44.0; 77; Eps Cen ; 2.30; 28000;occ; 88; 0;47013  
 8; 700.0; 25-FEB-2011 23:15:44; Dark ; 58.0; 26; Gam Cru ; 1.62; 2900;occ; 116; 0;47013  
 9; 826.2; 25-FEB-2011 23:17:50; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;47013  
 10; 2118.8; 25-FEB-2011 23:39:23; Bright; 44.0; 22; 32Alp Leo ; 1.36; 15200;occ; 88; 0;47013  
 11; 2317.8; 25-FEB-2011 23:42:42; Bright; 40.5; 166; 17Eps Leo ; 2.98; 6000;occ; 81; 0;47013  
 12; 2828.8; 25-FEB-2011 23:51:13; Bright; 47.0; 174; 52Psi UMa ; 3.00; 4400;occ; 94; 0;47013  
 13; 2985.4; 25-FEB-2011 23:53:49; Bright; 43.0; 82; 48Bet UMa ; 2.37; 10600;occ; 86; 0;47013  
 14; 3072.6; 25-FEB-2011 23:55:17; Bright; 47.0; 87; 64Gam UMa ; 2.43; 11000;occ; 94; 0;47013  
 15; 3273.3; 25-FEB-2011 23:58:37; Bright; 33.0; 32; 77Eps UMa ; 1.76; 11000;occ; 66; 0;47013  
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 19; 4318.0; 26-FEB-2011 00:16:02; Bright; 43.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 86; 0;47013  
 20; 4762.1; 26-FEB-2011 00:23:26; Bright; 37.5; 168; 17Zet Aql ; 2.99; 11000;occ; 75; 0;47013  
 21; 4940.6; 26-FEB-2011 00:26:25; Dark ; 62.5; 59; 55Alp Oph ; 2.08; 8900;occ; 125; 0;47013  
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