

# GOMOS Daily Report 25-FEB-2011

## Level 0 and Level 1 products

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

Item	Value
Time of report generation	28FEB2011 07:04:56
Data source version	GOMOS/5.01
Start time of products	25FEB2011 00:16:10
Stop time of products	25FEB2011 23:58:37
Store outputs in DB	Yes
Nb of level 1b prods	290
Nb of prods with errors	1

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

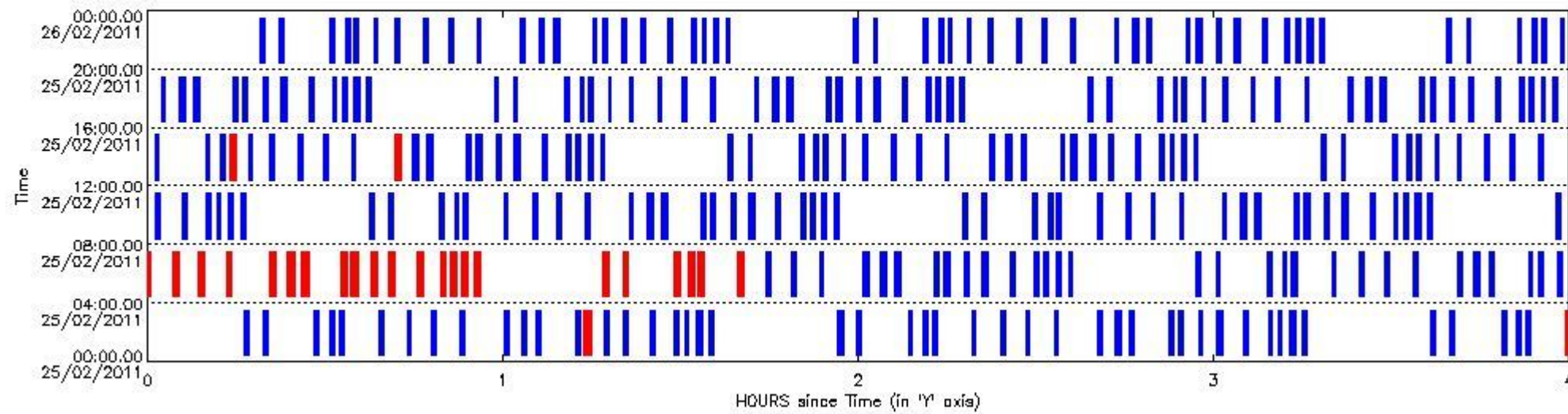
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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
25-FEB-2011 01:13:39	35EtaOph	86	46999
25-FEB-2011 03:59:26	7BetUMi	60	47001
25-FEB-2011 04:04:11	14EtaDra	119	47001
25-FEB-2011 04:08:24	23BetDra	130	47001
25-FEB-2011 04:13:12	3AlpLyr	5	47001
25-FEB-2011 04:20:33	17ZetAql	168	47001
25-FEB-2011 04:23:27	55AlpOph	59	47001
25-FEB-2011 04:25:54	60BetOph	126	47001
25-FEB-2011 04:32:36	22LamSgr	137	47001
25-FEB-2011 04:34:10	35EtaOph	86	47001
25-FEB-2011 04:37:37	35LamSco	25	47001
25-FEB-2011 04:40:38	DSA1044	0	47001
25-FEB-2011 04:45:18	GamLup	131	47002
25-FEB-2011 04:49:23	BetCen	10	47002
25-FEB-2011 04:51:04	EpsCen	77	47002

25-FEB-2011 04:53:03	GamCru	26	47002
25-FEB-2011 04:55:09	DelCen	99	47002
25-FEB-2011 05:16:50	32AlpLeo	22	47002
25-FEB-2011 05:20:09	17EpsLeo	166	47002
25-FEB-2011 05:28:45	52PsiUMa	174	47002
25-FEB-2011 05:31:20	48BetUMa	82	47002
25-FEB-2011 05:32:50	64GamUMa	87	47002
25-FEB-2011 05:39:40	7BetUMi	60	47002
25-FEB-2011 12:13:43	64GamUMa	87	47006
25-FEB-2011 12:41:45	17ZetAql	168	47006

## 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_1PNPDE20110225_001610_000000463100_00002_46999_3800.N1	25-FEB-2011 00:16:10	Bright	45.500	22	32Alp Leo	1.3600	15200.	91	46999	No
2	GOM_TRA_1PNPDE20110225_001929_000000413100_00002_46999_3801.N1	25-FEB-2011 00:19:29	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	46999	No
3	GOM_TRA_1PNPDE20110225_002807_000000463100_00002_46999_3802.N1	25-FEB-2011 00:28:07	Bright	45.500	174	52Psi UMa	3.0040	4400.0	91	46999	No
4	GOM_TRA_1PNPDE20110225_003041_000000433100_00002_46999_3803.N1	25-FEB-2011 00:30:41	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	46999	No
5	GOM_TRA_1PNPDE20110225_003211_000000483100_00002_46999_3804.N1	25-FEB-2011 00:32:11	Bright	47.500	87	64Gam UMa	2.4330	11000.	95	46999	No
6	GOM_TRA_1PNPDE20110225_003900_000000423100_00002_46999_3805.N1	25-FEB-2011 00:39:00	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	46999	No
7	GOM_TRA_1PNPDE20110225_004345_000000453100_00002_46999_3806.N1	25-FEB-2011 00:43:45	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	46999	No
8	GOM_TRA_1PNPDE20110225_004757_000000453100_00002_46999_3807.N1	25-FEB-2011 00:47:57	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	46999	No
9	GOM_TRA_1PNPDE20110225_005245_000000423100_00002_46999_3808.N1	25-FEB-2011 00:52:45	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	46999	No
10	GOM_TRA_1PNPDE20110225_010006_000000563100_00002_46999_3809.N1	25-FEB-2011 01:00:06	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	46999	No
11	GOM_TRA_1PNPDE20110225_010258_000000633100_00002_46999_3810.N1	25-FEB-2011 01:02:58	Twilight	62.500	59	55Alp Oph	2.0800	8900.0	125	46999	No
12	GOM_TRA_1PNPDE20110225_010526_000000583100_00002_46999_3811.N1	25-FEB-2011 01:05:26	Twilight	57.500	126	60Bet Oph	2.7700	4250.0	115	46999	No
13	GOM_TRA_1PNPDE20110225_011208_000000483100_00002_46999_3826.N1	25-FEB-2011 01:12:08	Dark	48.000	137	22Lam Sgr	2.8240	4400.0	96	46999	No
14	GOM_TRA_1PNPDE20110225_011709_000000493100_00002_46999_3827.N1	25-FEB-2011 01:17:09	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	46999	No
15	GOM_TRA_1PNPDE20110225_012449_000000503100_00003_47000_3828.N1	25-FEB-2011 01:24:49	Dark	49.500	131	Gam Lup	2.8000	26000.	99	47000	No
16	GOM_TRA_1PNPDE20110225_012855_000000483100_00003_47000_3829.N1	25-FEB-2011 01:28:55	Dark	47.500	10	Bet Cen	0.61000	28000.	95	47000	No
17	GOM_TRA_1PNPDE20110225_013036_000000463100_00003_47000_3830.N1	25-FEB-2011 01:30:36	Dark	45.500	77	Eps Cen	2.3030	28000.	91	47000	No
18	GOM_TRA_1PNPDE20110225_013235_000000583100_00003_47000_3831.N1	25-FEB-2011 01:32:35	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	47000	No
19	GOM_TRA_1PNPDE20110225_013441_000000463100_00003_47000_3832.N1	25-FEB-2011 01:34:41	Dark	46.000	99	Del Cen	2.5750	26000.	92	47000	No
20	GOM_TRA_1PNPDE20110225_015624_000000613100_00003_47000_3833.N1	25-FEB-2011 01:56:24	Bright	61.000	22	32Alp Leo	1.3600	15200.	122	47000	No
21	GOM_TRA_1PNPDE20110225_015943_000000423100_00003_47000_3834.N1	25-FEB-2011 01:59:43	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	47000	No
22	GOM_TRA_1PNPDE20110225_020820_000000463100_00003_47000_3835.N1	25-FEB-2011 02:08:20	Bright	46.000	174	52Psi UMa	3.0040	4400.0	92	47000	No
23	GOM_TRA_1PNPDE20110225_021054_000000413100_00003_47000_3836.N1	25-FEB-2011 02:10:54	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	47000	No
24	GOM_TRA_1PNPDE20110225_021225_000000493100_00003_47000_3837.N1	25-FEB-2011 02:12:25	Bright	49.000	87	64Gam UMa	2.4330	11000.	98	47000	No
25	GOM_TRA_1PNPDE20110225_021914_000000383100_00003_47000_3838.N1	25-FEB-2011 02:19:14	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	47000	No
26	GOM_TRA_1PNPDE20110225_022358_000000453100_00003_47000_3839.N1	25-FEB-2011 02:23:58	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47000	No
27	GOM_TRA_1PNPDE20110225_022811_000000453100_00003_47000_3840.N1	25-FEB-2011 02:28:11	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	47000	No
28	GOM_TRA_1PNPDE20110225_023259_000000423100_00003_47000_3841.N1	25-FEB-2011 02:32:59	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	47000	No
29	GOM_TRA_1PNPDE20110225_024020_000000563100_00003_47000_3842.N1	25-FEB-2011 02:40:20	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	47000	No
30	GOM_TRA_1PNPDE20110225_024313_000000643100_00003_47000_3843.N1	25-FEB-2011 02:43:13	Twilight	63.500	59	55Alp Oph	2.0800	8900.0	127	47000	No
31	GOM_TRA_1PNPDE20110225_024541_000000583100_00003_47000_3844.N1	25-FEB-2011 02:45:41	Twilight	57.500	126	60Bet Oph	2.7700	4250.0	115	47000	No
32	GOM_TRA_1PNPDE20110225_025223_000000453100_00003_47000_3845.N1	25-FEB-2011 02:52:23	Dark	44.500	137	22Lam Sgr	2.8240	4400.0	89	47000	No
33	GOM_TRA_1PNPDE20110225_025356_000000553100_00003_47000_3846.N1	25-FEB-2011 02:53:56	Dark	55.000	86	35Eta Oph	2.4300	10200.	110	47000	No
34	GOM_TRA_1PNPDE20110225_025724_000000463100_00003_47000_3847.N1	25-FEB-2011 02:57:24	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	47000	No
35	GOM_TRA_1PNPDE20110225_030504_000000513100_00004_47001_3848.N1	25-FEB-2011 03:05:04	Dark	50.500	131	Gam Lup	2.8000	26000.	101	47001	No
36	GOM_TRA_1PNPDE20110225_030910_000000463100_00004_47001_3849.N1	25-FEB-2011 03:09:10	Dark	45.500	10	Bet Cen	0.61000	28000.	91	47001	No
37	GOM_TRA_1PNPDE20110225_031051_000000433100_00004_47001_3850.N1	25-FEB-2011 03:10:51	Dark	43.000	77	Eps Cen	2.3030	28000.	86	47001	No
38	GOM_TRA_1PNPDE20110225_031250_000000583100_00004_47001_3851.N1	25-FEB-2011 03:12:50	Dark	57.500	26	Gam Cru	1.6240	2900.0	115	47001	No
39	GOM_TRA_1PNPDE20110225_031455_000000443100_00004_47001_3852.N1	25-FEB-2011 03:14:55	Dark	44.000	99	Del Cen	2.5750	26000.	88	47001	No
40	GOM_TRA_1PNPDE20110225_033637_000000433100_00004_47001_3853.N1	25-FEB-2011 03:36:37	Bright	42.500	22	32Alp Leo	1.3600	15200.	85	47001	No
41	GOM_TRA_1PNPDE20110225_033956_000000393100_00004_47001_3854.N1	25-FEB-2011 03:39:56	Bright	38.500	166	17Eps Leo	2.9800	6000.0	77	47001	No
42	GOM_TRA_1PNPDE20110225_034833_000000553100_00004_47001_3855.N1	25-FEB-2011 03:48:33	Bright	54.500	174	52Psi UMa	3.0040	4400.0	109	47001	No
43	GOM_TRA_1PNPDE20110225_035108_000000433100_00004_47001_3856.N1	25-FEB-2011 03:51:08	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	47001	No
44	GOM_TRA_1PNPDE20110225_035238_000000483100_00004_47001_3857.N1	25-FEB-2011 03:52:38	Bright	47.500	87	64Gam UMa	2.4330	11000.	95	47001	No

45	GOM_TRA_1PNPDE20110225_035927_000000423100_00004_47001_3853.N1	25-FEB-2011 03:59:27	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	47001	No
46	GOM_TRA_1PNPDE20110225_040412_000000453100_00004_47001_3854.N1	25-FEB-2011 04:04:12	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47001	No
47	GOM_TRA_1PNPDE20110225_040825_000000453100_00004_47001_3855.N1	25-FEB-2011 04:08:25	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	47001	No
48	GOM_TRA_1PNPDE20110225_041313_000000403100_00004_47001_3856.N1	25-FEB-2011 04:13:13	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	47001	No
49	GOM_TRA_1PNPDE20110225_042034_000000563100_00004_47001_3857.N1	25-FEB-2011 04:20:34	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	47001	No
50	GOM_TRA_1PNPDE20110225_042328_000000613100_00004_47001_3858.N1	25-FEB-2011 04:23:28	Tw_i_and_stray	61.000	59	55Alp Oph	2.0800	8900.0	122	47001	No
51	GOM_TRA_1PNPDE20110225_042555_000000563100_00004_47001_3859.N1	25-FEB-2011 04:25:55	Tw_i_and_stray	56.000	126	60Bet Oph	2.7700	4250.0	112	47001	No
52	GOM_TRA_1PNPDE20110225_043237_000000463100_00004_47001_3860.N1	25-FEB-2011 04:32:37	Dark	46.000	137	22Lam Sgr	2.8240	4400.0	92	47001	No
53	GOM_TRA_1PNPDE20110225_043411_000000553100_00004_47001_3861.N1	25-FEB-2011 04:34:11	Dark	55.000	86	35Eta Oph	2.4300	10200.	110	47001	No
54	GOM_TRA_1PNPDE20110225_043739_000000473100_00004_47001_3862.N1	25-FEB-2011 04:37:39	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	47001	No
55	GOM_TRA_1PNPDE20110225_044519_000000513100_00005_47002_3863.N1	25-FEB-2011 04:45:19	Dark	51.000	131	Gam Lup	2.8000	26000.	102	47002	No
56	GOM_TRA_1PNPDE20110225_044925_000000523100_00005_47002_3864.N1	25-FEB-2011 04:49:25	Dark	51.500	10	Bet Cen	0.61000	28000.	103	47002	No
57	GOM_TRA_1PNPDE20110225_045106_000000453100_00005_47002_3865.N1	25-FEB-2011 04:51:06	Dark	44.500	77	Eps Cen	2.3030	28000.	89	47002	No
58	GOM_TRA_1PNPDE20110225_045304_000000563100_00005_47002_3866.N1	25-FEB-2011 04:53:04	Dark	55.500	26	Gam Cru	1.6240	2900.0	111	47002	No
59	GOM_TRA_1PNPDE20110225_045510_000000483100_00005_47002_3867.N1	25-FEB-2011 04:55:10	Dark	47.500	99	Del Cen	2.5750	26000.	95	47002	No
60	GOM_TRA_1PNPDE20110225_051651_000000403100_00005_47002_3868.N1	25-FEB-2011 05:16:51	Bright	40.000	22	32Alp Leo	1.3600	15200.	80	47002	No
61	GOM_TRA_1PNPDE20110225_052011_000000393100_00005_47002_3869.N1	25-FEB-2011 05:20:11	Bright	38.500	166	17Eps Leo	2.9800	6000.0	77	47002	No
62	GOM_TRA_1PNPDE20110225_052847_000000473100_00005_47002_3870.N1	25-FEB-2011 05:28:47	Bright	46.500	174	52Psi UMa	3.0040	4400.0	93	47002	No
63	GOM_TRA_1PNPDE20110225_053121_000000433100_00005_47002_3871.N1	25-FEB-2011 05:31:21	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	47002	No
64	GOM_TRA_1PNPDE20110225_053251_000000473100_00005_47002_3872.N1	25-FEB-2011 05:32:51	Bright	47.000	87	64Gam UMa	2.4330	11000.	94	47002	No
65	GOM_TRA_1PNPDE20110225_053941_000000403100_00005_47002_3873.N1	25-FEB-2011 05:39:41	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	47002	No
66	GOM_TRA_1PNPDE20110225_054426_000000463100_00005_47002_3883.N1	25-FEB-2011 05:44:26	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	47002	No
67	GOM_TRA_1PNPDE20110225_054839_000000463100_00005_47002_3884.N1	25-FEB-2011 05:48:39	Bright	45.500	130	23Bet Dra	2.7990	5800.0	91	47002	No
68	GOM_TRA_1PNPDE20110225_055328_000000413100_00005_47002_3885.N1	25-FEB-2011 05:53:28	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	47002	No
69	GOM_TRA_1PNPDE20110225_060049_000000563100_00005_47002_3886.N1	25-FEB-2011 06:00:49	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	47002	No
70	GOM_TRA_1PNPDE20110225_060343_000000603100_00005_47002_3887.N1	25-FEB-2011 06:03:43	Tw_i_and_stray	59.500	59	55Alp Oph	2.0800	8900.0	119	47002	No
71	GOM_TRA_1PNPDE20110225_060610_000000613100_00005_47002_3888.N1	25-FEB-2011 06:06:10	Tw_i_and_stray	61.000	126	60Bet Oph	2.7700	4250.0	122	47002	No
72	GOM_TRA_1PNPDE20110225_061252_000000493100_00005_47002_3889.N1	25-FEB-2011 06:12:52	Dark	48.500	137	22Lam Sgr	2.8240	4400.0	97	47002	No
73	GOM_TRA_1PNPDE20110225_061426_000000583100_00005_47002_3890.N1	25-FEB-2011 06:14:26	Dark	57.500	86	35Eta Oph	2.4300	10200.	115	47002	No
74	GOM_TRA_1PNPDE20110225_061754_000000523100_00005_47002_3891.N1	25-FEB-2011 06:17:54	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	47002	No
75	GOM_TRA_1PNPDE20110225_062535_000000493100_00006_47003_3892.N1	25-FEB-2011 06:25:35	Dark	49.000	131	Gam Lup	2.8000	26000.	98	47003	No
76	GOM_TRA_1PNPDE20110225_062939_000000433100_00006_47003_3893.N1	25-FEB-2011 06:29:39	Dark	43.000	10	Bet Cen	0.61000	28000.	86	47003	No
77	GOM_TRA_1PNPDE20110225_063121_000000463100_00006_47003_3894.N1	25-FEB-2011 06:31:21	Dark	45.500	77	Eps Cen	2.3030	28000.	91	47003	No
78	GOM_TRA_1PNPDE20110225_063319_000000583100_00006_47003_3895.N1	25-FEB-2011 06:33:19	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	47003	No
79	GOM_TRA_1PNPDE20110225_063525_000000443100_00006_47003_3896.N1	25-FEB-2011 06:35:25	Dark	43.500	99	Del Cen	2.5750	26000.	87	47003	No
80	GOM_TRA_1PNPDE20110225_065705_000000403100_00006_47003_3897.N1	25-FEB-2011 06:57:05	Bright	39.500	22	32Alp Leo	1.3600	15200.	79	47003	No
81	GOM_TRA_1PNPDE20110225_070024_000000393100_00006_47003_3898.N1	25-FEB-2011 07:00:24	Bright	39.000	166	17Eps Leo	2.9800	6000.0	78	47003	No
82	GOM_TRA_1PNPDE20110225_070900_000000463100_00006_47003_3899.N1	25-FEB-2011 07:09:00	Bright	46.000	174	52Psi UMa	3.0040	4400.0	92	47003	No
83	GOM_TRA_1PNPDE20110225_071135_000000423100_00006_47003_3900.N1	25-FEB-2011 07:11:35	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	47003	No
84	GOM_TRA_1PNPDE20110225_071305_000000703100_00006_47003_3901.N1	25-FEB-2011 07:13:05	Bright	70.000	87	64Gam UMa	2.4330	11000.	140	47003	No
85	GOM_TRA_1PNPDE20110225_071955_000000383100_00006_47003_3902.N1	25-FEB-2011 07:19:55	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	47003	No
86	GOM_TRA_1PNPDK20110225_072439_000000463100_00006_47003_1091.N1	25-FEB-2011 07:24:39	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	47003	No
87	GOM_TRA_1PNPDK20110225_072852_000000453100_00006_47003_1092.N1	25-FEB-2011 07:28:52	Bright	45.000	130	23Bet Dra	2.7990	5800.0	90	47003	No
88	GOM_TRA_1PNPDK20110225_073342_000000433100_00006_47003_1093.N1	25-FEB-2011 07:33:42	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	47003	No
89	GOM_TRA_1PNPDK20110225_074103_000000563100_00006_47003_1094.N1	25-FEB-2011 07:41:03	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	47003	No
90	GOM_TRA_1PNPDK20110225_074358_000000623100_00006_47003_1095.N1	25-FEB-2011 07:43:58	Tw_i_and_stray	61.500	59	55Alp Oph	2.0800	8900.0	123	47003	No
91	GOM_TRA_1PNPDK20110225_074625_000000603100_00006_47003_1096.N1	25-FEB-2011 07:46:25	Tw_i_and_stray	59.500	126	60Bet Oph	2.7700	4250.0	119	47003	No
92	GOM_TRA_1PNPDK20110225_075306_000000463100_00006_47003_1097.N1	25-FEB-2011 07:53:06	Dark	46.000	137	22Lam Sgr	2.8240	4400.0	92	47003	No
93	GOM_TRA_1PNPDK20110225_075441_000000583100_00006_47003_1098.N1	25-FEB-2011 07:54:41	Dark	58.000	86	35Eta Oph	2.4300	10200.	116	47003	No
94	GOM_TRA_1PNPDK20110225_075808_000000453100_00006_47003_1099.N1	25-FEB-2011 07:58:08	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	47003	No
95	GOM_TRA_1PNPDK20110225_080550_000000513100_00007_47004_1100.N1	25-FEB-2011 08:05:50	Dark	51.000	131	Gam Lup	2.8000	26000.	102	47004	No
96	GOM_TRA_1PNPDK20110225_080954_000000493100_00007_47004_1101.N1	25-FEB-2011 08:09:54	Dark	48.500	10	Bet Cen	0.61000	28000.	97	47004	No
97	GOM_TRA_1PNPDK20110225_081135_000000453100_00007_47004_1102.N1	25-FEB-2011 08:11:35	Dark	44.500	77	Eps Cen	2.3030	28000.	89	47004	No
98	GOM_TRA_1PNPDK20110225_081334_000000473100_00007_47004_1103.N1	25-FEB-2011 08:13:34	Dark	46.500	26	Gam Cru	1.6240	2900.0	93	47004	No
99	GOM_TRA_1PNPDK20110225_081539_000000453100_00007_47004_1104.N1	25-FEB-2011 08:15:39	Dark	44.500	99	Del Cen	2.5750	26000.	89	47004	No
100	GOM_TRA_1PNPDK20110225_083719_000000473100_00007_47004_1164.N1	25-FEB-2011 08:37:19	Bright	47.000	22	32Alp Leo	1.3600	15200.	94	47004	No
101	GOM_TRA_1PNPDK20110225_084038_000000423100_00007_47004_1165.N1	25-FEB-2011 08:40:38	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	47004	No
102	GOM_TRA_1PNPDK20110225_084913_000000473100_00007_47004_1166.N1	25-FEB-2011 08:49:13	Bright	46.500	174	52Psi UMa	3.0040	4400.0	93	47004	No
103	GOM_TRA_1PNPDK20110225_085148_000000413100_00007_47004_1167.N1	25-FEB-2011 08:51:48	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	47004	No



104	GOM_TRA_1PNPDK20110225_085318_000000473100_00007_47004_1168.N1	25-FEB-2011 08:53:18	Bright	47.000	87	64Gam UMa	2.4330	11000.	94	47004	No
105	GOM_TRA_1PNPDK20110225_090008_000000423100_00007_47004_1169.N1	25-FEB-2011 09:00:08	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	47004	No
106	GOM_TRA_1PNPDK20110225_090453_000000473100_00007_47004_1170.N1	25-FEB-2011 09:04:53	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	47004	No
107	GOM_TRA_1PNPDK20110225_090906_000000423100_00007_47004_1171.N1	25-FEB-2011 09:09:06	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	47004	No
108	GOM_TRA_1PNPDK20110225_091356_000000403100_00007_47004_1172.N1	25-FEB-2011 09:13:56	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	47004	No
109	GOM_TRA_1PNPDK20110225_092117_000000383100_00007_47004_1173.N1	25-FEB-2011 09:21:17	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	47004	No
110	GOM_TRA_1PNPDK20110225_092412_000000643100_00007_47004_1174.N1	25-FEB-2011 09:24:12	Twi_and_stray	63.500	59	55Alp Oph	2.0800	8900.0	127	47004	No
111	GOM_TRA_1PNPDK20110225_092640_000000613100_00007_47004_1175.N1	25-FEB-2011 09:26:40	Twi_and_stray	61.000	126	60Bet Oph	2.7700	4250.0	122	47004	No
112	GOM_TRA_1PNPDK20110225_093321_000000443100_00007_47004_1176.N1	25-FEB-2011 09:33:21	Dark	43.500	137	22Lam Sgr	2.8240	4400.0	87	47004	No
113	GOM_TRA_1PNPDK20110225_093457_000000573100_00007_47004_1177.N1	25-FEB-2011 09:34:57	Dark	56.500	86	35Eta Oph	2.4300	10200.	113	47004	No
114	GOM_TRA_1PNPDK20110225_093823_000000473100_00007_47004_1178.N1	25-FEB-2011 09:38:23	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	47004	No
115	GOM_TRA_1PNPDK20110225_094605_000000503100_00008_47005_1179.N1	25-FEB-2011 09:46:05	Dark	49.500	131	Gam Lup	2.8000	26000.	99	47005	No
116	GOM_TRA_1PNPDK20110225_095008_000000533100_00008_47005_1180.N1	25-FEB-2011 09:50:08	Dark	52.500	10	Bet Cen	0.61000	28000.	105	47005	No
117	GOM_TRA_1PNPDK20110225_095150_000000433100_00008_47005_1181.N1	25-FEB-2011 09:51:50	Dark	43.000	77	Eps Cen	2.3030	28000.	86	47005	No
118	GOM_TRA_1PNPDK20110225_095348_000000513100_00008_47005_1182.N1	25-FEB-2011 09:53:48	Dark	51.000	26	Gam Cru	1.6240	2900.0	102	47005	No
119	GOM_TRA_1PNPDK20110225_095554_000000433100_00008_47005_1183.N1	25-FEB-2011 09:55:54	Dark	43.000	99	Del Cen	2.5750	26000.	86	47005	No
120	GOM_TRA_1PNPDK20110225_101733_000000443100_00008_47005_1211.N1	25-FEB-2011 10:17:33	Bright	44.000	22	32Alp Leo	1.3600	15200.	88	47005	No
121	GOM_TRA_1PNPDK20110225_102052_000000403100_00008_47005_1212.N1	25-FEB-2011 10:20:52	Bright	40.000	166	17Eps Leo	2.9800	6000.0	80	47005	No
122	GOM_TRA_1PNPDK20110225_102927_000000483100_00008_47005_1213.N1	25-FEB-2011 10:29:27	Bright	47.500	174	52Psi UMa	3.0040	4400.0	95	47005	No
123	GOM_TRA_1PNPDK20110225_103202_000000423100_00008_47005_1214.N1	25-FEB-2011 10:32:02	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	47005	No
124	GOM_TRA_1PNPDK20110225_103331_000000493100_00008_47005_1215.N1	25-FEB-2011 10:33:31	Bright	48.500	87	64Gam UMa	2.4330	11000.	97	47005	No
125	GOM_TRA_1PNPDK20110225_104022_000000443100_00008_47005_1216.N1	25-FEB-2011 10:40:22	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	47005	No
126	GOM_TRA_1PNPDK20110225_104506_000000463100_00008_47005_1217.N1	25-FEB-2011 10:45:06	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	47005	No
127	GOM_TRA_1PNPDK20110225_104920_000000443100_00008_47005_1218.N1	25-FEB-2011 10:49:20	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	47005	No
128	GOM_TRA_1PNPDK20110225_105410_000000423100_00008_47005_1219.N1	25-FEB-2011 10:54:10	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	47005	No
129	GOM_TRA_1PNPDK20110225_110132_000000383100_00008_47005_1220.N1	25-FEB-2011 11:01:32	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	47005	No
130	GOM_TRA_1PNPDK20110225_110427_000000653100_00008_47005_1221.N1	25-FEB-2011 11:04:27	Twi_and_stray	65.000	59	55Alp Oph	2.0800	8900.0	130	47005	No
131	GOM_TRA_1PNPDK20110225_110654_000000633100_00008_47005_1222.N1	25-FEB-2011 11:06:54	Twi_and_stray	62.500	126	60Bet Oph	2.7700	4250.0	125	47005	No
132	GOM_TRA_1PNPDK20110225_111335_000000463100_00008_47005_1223.N1	25-FEB-2011 11:13:35	Dark	46.000	137	22Lam Sgr	2.8240	4400.0	92	47005	No
133	GOM_TRA_1PNPDK20110225_111512_000000563100_00008_47005_1224.N1	25-FEB-2011 11:15:12	Dark	56.000	86	35Eta Oph	2.4300	10200.	112	47005	No
134	GOM_TRA_1PNPDK20110225_111838_000000453100_00008_47005_1225.N1	25-FEB-2011 11:18:38	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	47005	No
135	GOM_TRA_1PNPDK20110225_112620_000000483100_00009_47006_1226.N1	25-FEB-2011 11:26:20	Dark	47.500	131	Gam Lup	2.8000	26000.	95	47006	No
136	GOM_TRA_1PNPDK20110225_113023_000000423100_00009_47006_1227.N1	25-FEB-2011 11:30:23	Dark	41.500	10	Bet Cen	0.61000	28000.	83	47006	No
137	GOM_TRA_1PNPDK20110225_113204_000000433100_00009_47006_1228.N1	25-FEB-2011 11:32:04	Dark	43.000	77	Eps Cen	2.3030	28000.	86	47006	No
138	GOM_TRA_1PNPDK20110225_113403_000000583100_00009_47006_1229.N1	25-FEB-2011 11:34:03	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	47006	No
139	GOM_TRA_1PNPDK20110225_113608_000000473100_00009_47006_1230.N1	25-FEB-2011 11:36:08	Dark	47.000	99	Del Cen	2.5750	26000.	94	47006	No
140	GOM_TRA_1PNPDK20110225_115746_000000463100_00009_47006_1274.N1	25-FEB-2011 11:57:46	Bright	45.500	22	32Alp Leo	1.3600	15200.	91	47006	No
141	GOM_TRA_1PNPDK20110225_120105_000000413100_00009_47006_1275.N1	25-FEB-2011 12:01:05	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	47006	No
142	GOM_TRA_1PNPDK20110225_120940_000000453100_00009_47006_1276.N1	25-FEB-2011 12:09:40	Bright	45.000	174	52Psi UMa	3.0040	4400.0	90	47006	No
143	GOM_TRA_1PNPDK20110225_121215_000000423100_00009_47006_1277.N1	25-FEB-2011 12:12:15	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	47006	No
144	GOM_TRA_1PNPDK20110225_121706_000000263100_00009_47006_1278.N1	25-FEB-2011 12:17:06	Twi_and_stray	26.000	32	77Eps UMa	1.7630	11000.	52	47006	No
145	GOM_TRA_1PNPDK20110225_122036_000000383100_00009_47006_1279.N1	25-FEB-2011 12:20:36	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	47006	No
146	GOM_TRA_1PNPDK20110225_122520_000000453100_00009_47006_1280.N1	25-FEB-2011 12:25:20	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	47006	No
147	GOM_TRA_1PNPDK20110225_122934_000000453100_00009_47006_1281.N1	25-FEB-2011 12:29:34	Bright	45.000	130	23Bet Dra	2.7990	5800.0	90	47006	No
148	GOM_TRA_1PNPDK20110225_123424_000000403100_00009_47006_1282.N1	25-FEB-2011 12:34:24	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	47006	No
149	GOM_TRA_1PNPDK20110225_124441_000000643100_00009_47006_1283.N1	25-FEB-2011 12:44:41	Twi_and_stray	63.500	59	55Alp Oph	2.0800	8900.0	127	47006	No
150	GOM_TRA_1PNPDK20110225_124709_000000573100_00009_47006_1284.N1	25-FEB-2011 12:47:09	Twi_and_stray	57.000	126	60Bet Oph	2.7700	4250.0	114	47006	No
151	GOM_TRA_1PNPDK20110225_125350_000000453100_00009_47006_1285.N1	25-FEB-2011 12:53:50	Dark	45.000	137	22Lam Sgr	2.8240	4400.0	90	47006	No
152	GOM_TRA_1PNPDK20110225_125527_000000613100_00009_47006_1286.N1	25-FEB-2011 12:55:27	Dark	61.000	86	35Eta Oph	2.4300	10200.	122	47006	No
153	GOM_TRA_1PNPDK20110225_125853_000000503100_00009_47006_1287.N1	25-FEB-2011 12:58:53	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	47006	No
154	GOM_TRA_1PNPDK20110225_130635_000000503100_00010_47007_1288.N1	25-FEB-2011 13:06:35	Dark	49.500	131	Gam Lup	2.8000	26000.	99	47007	No
155	GOM_TRA_1PNPDK20110225_131037_000000433100_00010_47007_1289.N1	25-FEB-2011 13:10:37	Dark	43.000	10	Bet Cen	0.61000	28000.	86	47007	No
156	GOM_TRA_1PNPDK20110225_131219_000000473100_00010_47007_1290.N1	25-FEB-2011 13:12:19	Dark	47.000	77	Eps Cen	2.3030	28000.	94	47007	No
157	GOM_TRA_1PNPDK20110225_131417_000000473100_00010_47007_1291.N1	25-FEB-2011 13:14:17	Dark	47.000	26	Gam Cru	1.6240	2900.0	94	47007	No
158	GOM_TRA_1PNPDK20110225_131623_000000423100_00010_47007_1292.N1	25-FEB-2011 13:16:23	Dark	41.500	99	Del Cen	2.5750	26000.	83	47007	No
159	GOM_TRA_1PNPDK20110225_133800_000000463100_00010_47007_1311.N1	25-FEB-2011 13:38:00	Bright	45.500	22	32Alp Leo	1.3600	15200.	91	47007	No
160	GOM_TRA_1PNPDK20110225_134119_000000403100_00010_47007_1312.N1	25-FEB-2011 13:41:19	Bright	40.000	166	17Eps Leo	2.9800	6000.0	80	47007	No
161	GOM_TRA_1PNPDK20110225_134953_000000483100_00010_47007_1313.N1	25-FEB-2011 13:49:53	Bright	47.500	174	52Psi UMa	3.0040	4400.0	95	47007	No
162	GOM_TRA_1PNPDK20110225_135229_000000433100_00010_47007_1314.N1	25-FEB-2011 13:52:29	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	47007	No

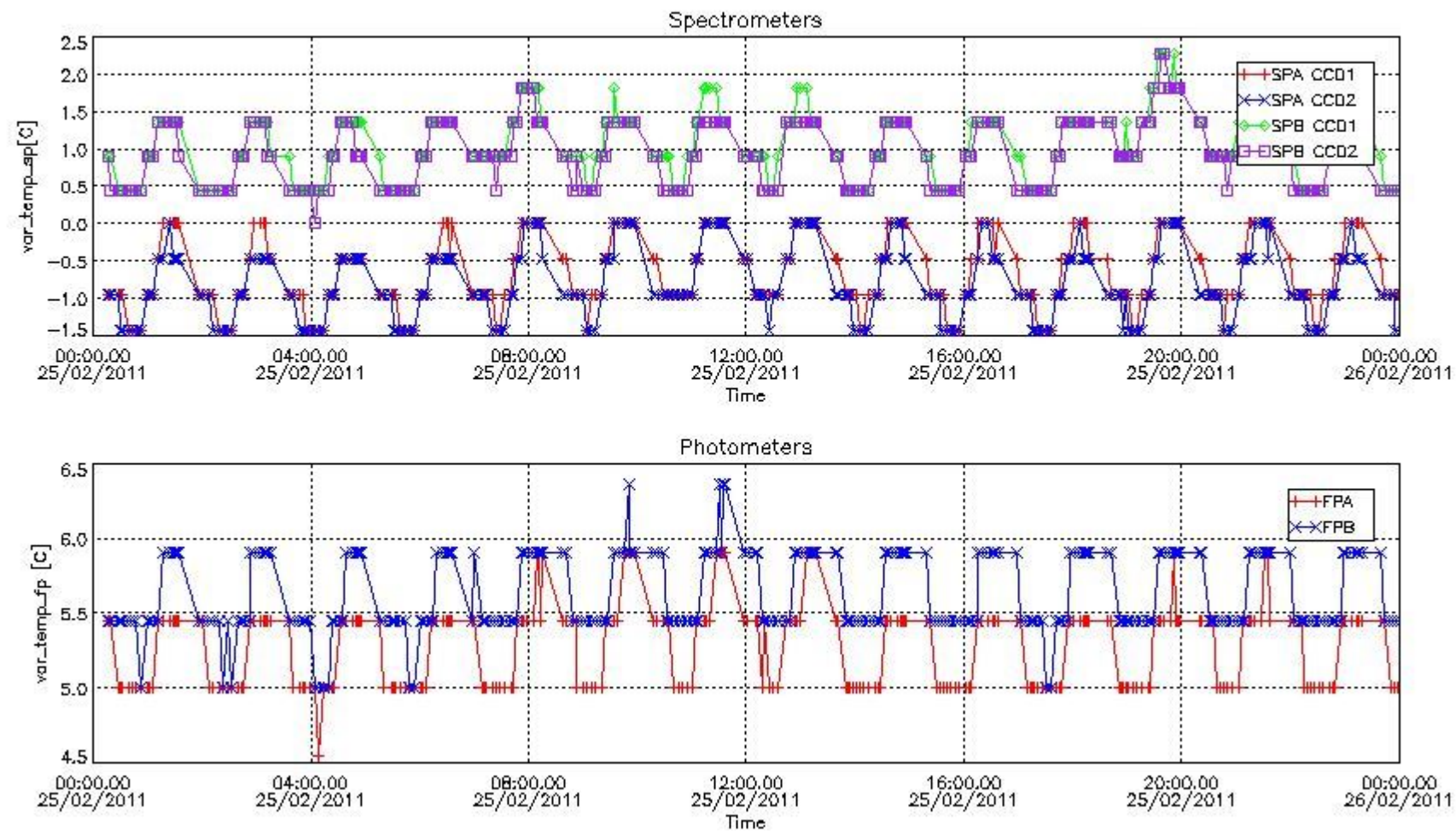
163	GOM_TRA_1PNPDK20110225_135357_000000483100_00010_47007_1315.N1	25-FEB-2011 13:53:57	Bright	48.000	87	64Gam UMa	2.4330	11000.	96	47007	No
164	GOM_TRA_1PNPDK20110225_135719_000000263100_00010_47007_1316.N1	25-FEB-2011 13:57:19	Tw_i_and_stray	26.000	32	77Eps UMa	1.7630	11000.	52	47007	No
165	GOM_TRA_1PNPDK20110225_140049_000000373100_00010_47007_1317.N1	25-FEB-2011 14:00:49	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	47007	No
166	GOM_TRA_1PNPDK20110225_140534_000000453100_00010_47007_1318.N1	25-FEB-2011 14:05:34	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	47007	No
167	GOM_TRA_1PNPDK20110225_140947_000000453100_00010_47007_1319.N1	25-FEB-2011 14:09:47	Bright	45.000	130	23Bet Dra	2.7990	5800.0	90	47007	No
168	GOM_TRA_1PNPDK20110225_141438_000000403100_00010_47007_1320.N1	25-FEB-2011 14:14:38	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	47007	No
169	GOM_TRA_1PNPDK20110225_142200_000000563100_00010_47007_1321.N1	25-FEB-2011 14:22:00	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	47007	No
170	GOM_TRA_1PNPDK20110225_142456_000000633100_00010_47007_1322.N1	25-FEB-2011 14:24:56	Tw_i_and_stray	63.000	59	55Alp Oph	2.0800	8900.0	126	47007	No
171	GOM_TRA_1PNPDK20110225_142724_000000623100_00010_47007_1323.N1	25-FEB-2011 14:27:24	Tw_i_and_stray	62.000	126	60Bet Oph	2.7700	4250.0	124	47007	No
172	GOM_TRA_1PNPDK20110225_143405_000000453100_00010_47007_1324.N1	25-FEB-2011 14:34:05	Dark	45.000	137	22Lam Sgr	2.8240	4400.0	90	47007	No
173	GOM_TRA_1PNPDK20110225_143542_000000663100_00010_47007_1325.N1	25-FEB-2011 14:35:42	Dark	65.500	86	35Eta Oph	2.4300	10200.	131	47007	No
174	GOM_TRA_1PNPDK20110225_143907_000000513100_00010_47007_1326.N1	25-FEB-2011 14:39:07	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	47007	No
175	GOM_TRA_1PNPDK20110225_144650_000000493100_00011_47008_1327.N1	25-FEB-2011 14:46:50	Dark	49.000	131	Gam Lup	2.8000	26000.	98	47008	No
176	GOM_TRA_1PNPDK20110225_145052_000000433100_00011_47008_1328.N1	25-FEB-2011 14:50:52	Dark	42.500	10	Bet Cen	0.61000	28000.	85	47008	No
177	GOM_TRA_1PNPDK20110225_145234_000000433100_00011_47008_1329.N1	25-FEB-2011 14:52:34	Dark	43.000	77	Eps Cen	2.3030	28000.	86	47008	No
178	GOM_TRA_1PNPDK20110225_145432_000000573100_00011_47008_1330.N1	25-FEB-2011 14:54:32	Dark	57.000	26	Gam Cru	1.6240	2900.0	114	47008	No
179	GOM_TRA_1PNPDK20110225_145637_000000413100_00011_47008_1331.N1	25-FEB-2011 14:56:37	Dark	41.000	99	Del Cen	2.5750	26000.	82	47008	No
180	GOM_TRA_1PNPDK20110225_151814_000000463100_00011_47008_1386.N1	25-FEB-2011 15:18:14	Bright	45.500	22	32Alp Leo	1.3600	15200.	91	47008	No
181	GOM_TRA_1PNPDK20110225_152133_000000413100_00011_47008_1387.N1	25-FEB-2011 15:21:33	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	47008	No
182	GOM_TRA_1PNPDK20110225_153007_000000473100_00011_47008_1388.N1	25-FEB-2011 15:30:07	Bright	47.000	174	52Psi UMa	3.0040	4400.0	94	47008	No
183	GOM_TRA_1PNPDK20110225_153242_000000433100_00011_47008_1389.N1	25-FEB-2011 15:32:42	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	47008	No
184	GOM_TRA_1PNPDK20110225_153410_000000483100_00011_47008_1390.N1	25-FEB-2011 15:34:10	Bright	47.500	87	64Gam UMa	2.4330	11000.	95	47008	No
185	GOM_TRA_1PNPDK20110225_153732_000000283100_00011_47008_1391.N1	25-FEB-2011 15:37:32	Tw_i_and_stray	28.000	32	77Eps UMa	1.7630	11000.	56	47008	No
186	GOM_TRA_1PNPDK20110225_154103_000000423100_00011_47008_1392.N1	25-FEB-2011 15:41:03	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	47008	No
187	GOM_TRA_1PNPDK20110225_154547_000000463100_00011_47008_1393.N1	25-FEB-2011 15:45:47	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	47008	No
188	GOM_TRA_1PNPDK20110225_155002_000000453100_00011_47008_1394.N1	25-FEB-2011 15:50:02	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	47008	No
189	GOM_TRA_1PNPDK20110225_155452_000000433100_00011_47008_1395.N1	25-FEB-2011 15:54:52	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	47008	No
190	GOM_TRA_1PNPDK20110225_160215_000000383100_00011_47008_1396.N1	25-FEB-2011 16:02:15	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	47008	No
191	GOM_TRA_1PNPDK20110225_160511_000000643100_00011_47008_1397.N1	25-FEB-2011 16:05:11	Tw_i_and_stray	64.000	59	55Alp Oph	2.0800	8900.0	128	47008	No
192	GOM_TRA_1PNPDK20110225_160739_000000613100_00011_47008_1398.N1	25-FEB-2011 16:07:39	Tw_i_and_stray	61.000	126	60Bet Oph	2.7700	4250.0	122	47008	No
193	GOM_TRA_1PNPDK20110225_161419_000000473100_00011_47008_1399.N1	25-FEB-2011 16:14:19	Dark	46.500	137	22Lam Sgr	2.8240	4400.0	93	47008	No
194	GOM_TRA_1PNPDK20110225_161558_000000553100_00011_47008_1400.N1	25-FEB-2011 16:15:58	Dark	55.000	86	35Eta Oph	2.4300	10200.	110	47008	No
195	GOM_TRA_1PNPDK20110225_161922_000000473100_00011_47008_1401.N1	25-FEB-2011 16:19:22	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	47008	No
196	GOM_TRA_1PNPDK20110225_162705_000000523100_00012_47009_1402.N1	25-FEB-2011 16:27:05	Dark	51.500	131	Gam Lup	2.8000	26000.	103	47009	No
197	GOM_TRA_1PNPDK20110225_163107_000000453100_00012_47009_1403.N1	25-FEB-2011 16:31:07	Dark	44.500	10	Bet Cen	0.61000	28000.	89	47009	No
198	GOM_TRA_1PNPDK20110225_163249_000000443100_00012_47009_1404.N1	25-FEB-2011 16:32:49	Dark	44.000	77	Eps Cen	2.3030	28000.	88	47009	No
199	GOM_TRA_1PNPDK20110225_163446_000000583100_00012_47009_1405.N1	25-FEB-2011 16:34:46	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	47009	No
200	GOM_TRA_1PNPDK20110225_163652_000000443100_00012_47009_1406.N1	25-FEB-2011 16:36:52	Dark	43.500	99	Del Cen	2.5750	26000.	87	47009	No
201	GOM_TRA_1PNPDK20110225_165828_000000453100_00012_47009_1414.N1	25-FEB-2011 16:58:28	Bright	44.500	22	32Alp Leo	1.3600	15200.	89	47009	No
202	GOM_TRA_1PNPDK20110225_170147_000000393100_00012_47009_1415.N1	25-FEB-2011 17:01:47	Bright	39.000	166	17Eps Leo	2.9800	6000.0	78	47009	No
203	GOM_TRA_1PNPDK20110225_171020_000000463100_00012_47009_1416.N1	25-FEB-2011 17:10:20	Bright	45.500	174	52Psi UMa	3.0040	4400.0	91	47009	No
204	GOM_TRA_1PNPDK20110225_171256_000000423100_00012_47009_1417.N1	25-FEB-2011 17:12:56	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	47009	No
205	GOM_TRA_1PNPDK20110225_171424_000000483100_00012_47009_1418.N1	25-FEB-2011 17:14:24	Bright	48.000	87	64Gam UMa	2.4330	11000.	96	47009	No
206	GOM_TRA_1PNPDK20110225_171745_000000283100_00012_47009_1419.N1	25-FEB-2011 17:17:45	Tw_i_and_stray	28.000	32	77Eps UMa	1.7630	11000.	56	47009	No
207	GOM_TRA_1PNPDK20110225_172117_000000423100_00012_47009_1420.N1	25-FEB-2011 17:21:17	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	47009	No
208	GOM_TRA_1PNPDK20110225_172601_000000463100_00012_47009_1421.N1	25-FEB-2011 17:26:01	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	47009	No
209	GOM_TRA_1PNPDK20110225_173015_000000453100_00012_47009_1422.N1	25-FEB-2011 17:30:15	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	47009	No
210	GOM_TRA_1PNPDK20110225_173506_000000423100_00012_47009_1423.N1	25-FEB-2011 17:35:06	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	47009	No
211	GOM_TRA_1PNPDK20110225_174229_000000393100_00012_47009_1424.N1	25-FEB-2011 17:42:29	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	47009	No
212	GOM_TRA_1PNPDK20110225_174526_000000633100_00012_47009_1425.N1	25-FEB-2011 17:45:26	Tw_i_and_stray	63.000	59	55Alp Oph	2.0800	8900.0	126	47009	No
213	GOM_TRA_1PNPDK20110225_174754_000000583100_00012_47009_1426.N1	25-FEB-2011 17:47:54	Tw_i_and_stray	57.500	126	60Bet Oph	2.7700	4250.0	115	47009	No
214	GOM_TRA_1PNPDK20110225_175434_000000473100_00012_47009_1427.N1	25-FEB-2011 17:54:34	Dark	46.500	137	22Lam Sgr	2.8240	4400.0	93	47009	No
215	GOM_TRA_1PNPDK20110225_175613_000000573100_00012_47009_1428.N1	25-FEB-2011 17:56:13	Dark	57.000	86	35Eta Oph	2.4300	10200.	114	47009	No
216	GOM_TRA_1PNPDK20110225_175937_000000513100_00012_47009_1429.N1	25-FEB-2011 17:59:37	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	47009	No
217	GOM_TRA_1PNPDK20110225_180720_000000503100_00013_47010_1430.N1	25-FEB-2011 18:07:20	Dark	49.500	131	Gam Lup	2.8000	26000.	99	47010	No
218	GOM_TRA_1PNPDK20110225_181121_000000483100_00013_47010_1431.N1	25-FEB-2011 18:11:21	Dark	48.000	10	Bet Cen	0.61000	28000.	96	47010	No
219	GOM_TRA_1PNPDK20110225_181303_000000463100_00013_47010_1432.N1	25-FEB-2011 18:13:03	Dark	45.500	77	Eps Cen	2.3030	28000.	91	47010	No
220	GOM_TRA_1PNPDK20110225_181501_000000583100_00013_47010_1433.N1	25-FEB-2011 18:15:01	Dark	57.500	26	Gam Cru	1.6240	2900.0	115	47010	No
221	GOM_TRA_1PNPDK20110225_181707_000000433100_00013_47010_1434.N1	25-FEB-2011 18:17:07	Dark	42.500	99	Del Cen	2.5750	26000.	85	47010	No

222	GOM_TRA_1PNPDK20110225_183841_000000453100_00013_47010_1445.N1	25-FEB-2011 18:38:41	Bright	45.000	22	32Alp Leo	1.3600	15200.	90	47010	No
223	GOM_TRA_1PNPDK20110225_184201_000000403100_00013_47010_1446.N1	25-FEB-2011 18:42:01	Bright	40.000	166	17Eps Leo	2.9800	6000.0	80	47010	No
224	GOM_TRA_1PNPDK20110225_185033_000000483100_00013_47010_1447.N1	25-FEB-2011 18:50:33	Bright	47.500	174	52Psi UMa	3.0040	4400.0	95	47010	No
225	GOM_TRA_1PNPDK20110225_185309_000000403100_00013_47010_1448.N1	25-FEB-2011 18:53:09	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	47010	No
226	GOM_TRA_1PNPDK20110225_185437_000000453100_00013_47010_1449.N1	25-FEB-2011 18:54:37	Bright	45.000	87	64Gam UMa	2.4330	11000.	90	47010	No
227	GOM_TRA_1PNPDK20110225_185758_000000313100_00013_47010_1450.N1	25-FEB-2011 18:57:58	Tw_i_and_stray	31.000	32	77Eps UMa	1.7630	11000.	62	47010	No
228	GOM_TRA_1PNPDK20110225_190130_000000433100_00013_47010_1451.N1	25-FEB-2011 19:01:30	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	47010	No
229	GOM_TRA_1PNPDK20110225_190614_000000433100_00013_47010_1452.N1	25-FEB-2011 19:06:14	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	47010	No
230	GOM_TRA_1PNPDK20110225_191029_000000433100_00013_47010_1453.N1	25-FEB-2011 19:10:29	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	47010	No
231	GOM_TRA_1PNPDK20110225_191520_000000393100_00013_47010_1454.N1	25-FEB-2011 19:15:20	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	47010	No
232	GOM_TRA_1PNPDK20110225_192243_000000393100_00013_47010_1455.N1	25-FEB-2011 19:22:43	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	47010	No
233	GOM_TRA_1PNPDK20110225_192540_000000653100_00013_47010_1456.N1	25-FEB-2011 19:25:40	Tw_i_and_stray	64.500	59	55Alp Oph	2.0800	8900.0	129	47010	No
234	GOM_TRA_1PNPDK20110225_192809_000000613100_00013_47010_1457.N1	25-FEB-2011 19:28:09	Tw_i_and_stray	61.000	126	60Bet Oph	2.7700	4250.0	122	47010	No
235	GOM_TRA_1PNPDK20110225_193449_000000453100_00013_47010_1458.N1	25-FEB-2011 19:34:49	Dark	45.000	137	22Lam Sgr	2.8240	4400.0	90	47010	No
236	GOM_TRA_1PNPDK20110225_193629_000000583100_00013_47010_1459.N1	25-FEB-2011 19:36:29	Dark	58.000	86	35Eta Oph	2.4300	10200.	116	47010	No
237	GOM_TRA_1PNPDK20110225_193952_000000433100_00013_47010_1460.N1	25-FEB-2011 19:39:52	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	47010	No
238	GOM_TRA_1PNPDK20110225_194736_000000513100_00014_47011_1461.N1	25-FEB-2011 19:47:36	Dark	50.500	131	Gam Lup	2.8000	26000.	101	47011	No
239	GOM_TRA_1PNPDK20110225_195136_000000433100_00014_47011_1462.N1	25-FEB-2011 19:51:36	Dark	42.500	10	Bet Cen	0.61000	28000.	85	47011	No
240	GOM_TRA_1PNPDK20110225_195318_000000453100_00014_47011_1463.N1	25-FEB-2011 19:53:18	Dark	44.500	77	Eps Cen	2.3030	28000.	89	47011	No
241	GOM_TRA_1PNPDK20110225_195515_000000433100_00014_47011_1464.N1	25-FEB-2011 19:55:15	Dark	43.000	26	Gam Cru	1.6240	2900.0	86	47011	No
242	GOM_TRA_1PNPDK20110225_195721_000000423100_00014_47011_1465.N1	25-FEB-2011 19:57:21	Dark	41.500	99	Del Cen	2.5750	26000.	83	47011	No
243	GOM_TRA_1PNPDE20110225_201855_000000443100_00014_47011_3924.N1	25-FEB-2011 20:18:55	Bright	44.000	22	32Alp Leo	1.3600	15200.	88	47011	No
244	GOM_TRA_1PNPDE20110225_202214_000000403100_00014_47011_3925.N1	25-FEB-2011 20:22:14	Bright	39.500	166	17Eps Leo	2.9800	6000.0	79	47011	No
245	GOM_TRA_1PNPDE20110225_203046_000000463100_00014_47011_3926.N1	25-FEB-2011 20:30:46	Bright	45.500	174	52Psi UMa	3.0040	4400.0	91	47011	No
246	GOM_TRA_1PNPDE20110225_203322_000000443100_00014_47011_3927.N1	25-FEB-2011 20:33:22	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	47011	No
247	GOM_TRA_1PNPDE20110225_203450_000000483100_00014_47011_3928.N1	25-FEB-2011 20:34:50	Bright	48.000	87	64Gam UMa	2.4330	11000.	96	47011	No
248	GOM_TRA_1PNPDE20110225_203811_000000313100_00014_47011_3929.N1	25-FEB-2011 20:38:11	Tw_i_and_stray	31.000	32	77Eps UMa	1.7630	11000.	62	47011	No
249	GOM_TRA_1PNPDE20110225_204144_000000433100_00014_47011_3930.N1	25-FEB-2011 20:41:44	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	47011	No
250	GOM_TRA_1PNPDE20110225_204628_000000463100_00014_47011_3931.N1	25-FEB-2011 20:46:28	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	47011	No
251	GOM_TRA_1PNPDE20110225_205043_000000473100_00014_47011_3932.N1	25-FEB-2011 20:50:43	Bright	47.000	130	23Bet Dra	2.7990	5800.0	94	47011	No
252	GOM_TRA_1PNPDE20110225_205534_000000393100_00014_47011_3933.N1	25-FEB-2011 20:55:34	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	47011	No
253	GOM_TRA_1PNPDE20110225_210258_000000373100_00014_47011_3934.N1	25-FEB-2011 21:02:58	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	47011	No
254	GOM_TRA_1PNPDE20110225_210555_000000623100_00014_47011_3944.N1	25-FEB-2011 21:05:55	Tw_i_and_stray	61.500	59	55Alp Oph	2.0800	8900.0	123	47011	Yes
255	GOM_TRA_1PNPDE20110225_210823_000000623100_00014_47011_3945.N1	25-FEB-2011 21:08:23	Tw_i_and_stray	62.000	126	60Bet Oph	2.7700	4250.0	124	47011	No
256	GOM_TRA_1PNPDE20110225_211503_000000433100_00014_47011_3946.N1	25-FEB-2011 21:15:03	Dark	42.500	137	22Lam Sgr	2.8240	4400.0	85	47011	No
257	GOM_TRA_1PNPDE20110225_211644_000000583100_00014_47011_3947.N1	25-FEB-2011 21:16:44	Dark	57.500	86	35Eta Oph	2.4300	10200.	115	47011	No
258	GOM_TRA_1PNPDE20110225_212007_000000443100_00014_47011_3948.N1	25-FEB-2011 21:20:07	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	47011	No
259	GOM_TRA_1PNPDE20110225_212751_000000503100_00015_47012_3949.N1	25-FEB-2011 21:27:51	Dark	49.500	131	Gam Lup	2.8000	26000.	99	47012	No
260	GOM_TRA_1PNPDE20110225_213151_000000453100_00015_47012_3950.N1	25-FEB-2011 21:31:51	Dark	45.000	10	Bet Cen	0.61000	28000.	90	47012	No
261	GOM_TRA_1PNPDE20110225_213333_000000453100_00015_47012_3951.N1	25-FEB-2011 21:33:33	Dark	44.500	77	Eps Cen	2.3030	28000.	89	47012	No
262	GOM_TRA_1PNPDE20110225_213530_000000583100_00015_47012_3952.N1	25-FEB-2011 21:35:30	Dark	57.500	26	Gam Cru	1.6240	2900.0	115	47012	No
263	GOM_TRA_1PNPDE20110225_213736_000000433100_00015_47012_3953.N1	25-FEB-2011 21:37:36	Dark	42.500	99	Del Cen	2.5750	26000.	85	47012	No
264	GOM_TRA_1PNPDE20110225_215909_000000453100_00015_47012_3954.N1	25-FEB-2011 21:59:09	Bright	45.000	22	32Alp Leo	1.3600	15200.	90	47012	No
265	GOM_TRA_1PNPDE20110225_220228_000000403100_00015_47012_3955.N1	25-FEB-2011 22:02:28	Bright	40.000	166	17Eps Leo	2.9800	6000.0	80	47012	No
266	GOM_TRA_1PNPDE20110225_221059_000000473100_00015_47012_3956.N1	25-FEB-2011 22:10:59	Bright	47.000	174	52Psi UMa	3.0040	4400.0	94	47012	No
267	GOM_TRA_1PNPDE20110225_221336_000000423100_00015_47012_3957.N1	25-FEB-2011 22:13:36	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	47012	No
268	GOM_TRA_1PNPDE20110225_221503_000000453100_00015_47012_3958.N1	25-FEB-2011 22:15:03	Bright	45.000	87	64Gam UMa	2.4330	11000.	90	47012	No
269	GOM_TRA_1PNPDE20110225_221824_000000333100_00015_47012_3959.N1	25-FEB-2011 22:18:24	Tw_i_and_stray	33.000	32	77Eps UMa	1.7630	11000.	66	47012	No
270	GOM_TRA_1PNPDE20110225_222158_000000433100_00015_47012_3960.N1	25-FEB-2011 22:21:58	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	47012	No
271	GOM_TRA_1PNPDE20110225_222642_000000463100_00015_47012_3961.N1	25-FEB-2011 22:26:42	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	47012	No
272	GOM_TRA_1PNPDE20110225_223056_000000453100_00015_47012_3962.N1	25-FEB-2011 22:30:56	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	47012	No
273	GOM_TRA_1PNPDE20110225_223548_000000433100_00015_47012_3963.N1	25-FEB-2011 22:35:48	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	47012	No
274	GOM_TRA_1PNPDE20110225_224312_000000393100_00015_47012_3964.N1	25-FEB-2011 22:43:12	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	47012	No
275	GOM_TRA_1PNPDE20110225_224610_000000633100_00015_47012_3965.N1	25-FEB-2011 22:46:10	Tw_i_and_stray	63.000	59	55Alp Oph	2.0800	8900.0	126	47012	No
276	GOM_TRA_1PNPDE20110225_224838_000000563100_00015_47012_3966.N1	25-FEB-2011 22:48:38	Tw_i_and_stray	56.000	126	60Bet Oph	2.7700	4250.0	112	47012	No
277	GOM_TRA_1PNPDE20110225_225518_000000443100_00015_47012_3969.N1	25-FEB-2011 22:55:18	Dark	43.500	137	22Lam Sgr	2.8240	4400.0	87	47012	No
278	GOM_TRA_1PNPDE20110225_225659_000000593100_00015_47012_3970.N1	25-FEB-2011 22:56:59	Dark	58.500	86	35Eta Oph	2.4300	10200.	117	47012	No
279	GOM_TRA_1PNPDE20110225_230021_000000513100_00015_47012_3971.N1	25-FEB-2011 23:00:21	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	47012	No
280	GOM_TRA_1PNPDE20110225_230806_000000513100_00016_47013_3972.N1	25-FEB-2011 23:08:06	Dark	50.500	131	Gam Lup	2.8000	26000.	101	47013	No



281	GOM_TRA_1PNPDE20110225_231205_000000453100_00016_47013_3973.N1	25-FEB-2011 23:12:05	Dark	44.500	10	Bet Cen	0.61000	28000.	89	47013	No
282	GOM_TRA_1PNPDE20110225_231347_000000443100_00016_47013_3974.N1	25-FEB-2011 23:13:47	Dark	44.000	77	Eps Cen	2.3030	28000.	88	47013	No
283	GOM_TRA_1PNPDE20110225_231544_000000583100_00016_47013_3975.N1	25-FEB-2011 23:15:44	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	47013	No
284	GOM_TRA_1PNPDE20110225_231750_000000423100_00016_47013_3976.N1	25-FEB-2011 23:17:50	Dark	42.000	99	Del Cen	2.5750	26000.	84	47013	No
285	GOM_TRA_1PNPDE20110225_233923_000000443100_00016_47013_3977.N1	25-FEB-2011 23:39:23	Bright	44.000	22	32Alp Leo	1.3600	15200.	88	47013	No
286	GOM_TRA_1PNPDE20110225_234242_000000413100_00016_47013_3978.N1	25-FEB-2011 23:42:42	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	47013	No
287	GOM_TRA_1PNPDE20110225_235113_000000473100_00016_47013_3979.N1	25-FEB-2011 23:51:13	Bright	47.000	174	52Psi UMa	3.0040	4400.0	94	47013	No
288	GOM_TRA_1PNPDE20110225_235349_000000433100_00016_47013_3980.N1	25-FEB-2011 23:53:49	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	47013	No
289	GOM_TRA_1PNPDE20110225_235517_000000473100_00016_47013_3981.N1	25-FEB-2011 23:55:17	Bright	47.000	87	64Gam UMa	2.4330	11000.	94	47013	No
290	GOM_TRA_1PNPDE20110225_235837_000000333100_00016_47013_3982.N1	25-FEB-2011 23:58:37	Twilight_stray	33.000	32	77Eps UMa	1.7630	11000.	66	47013	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.

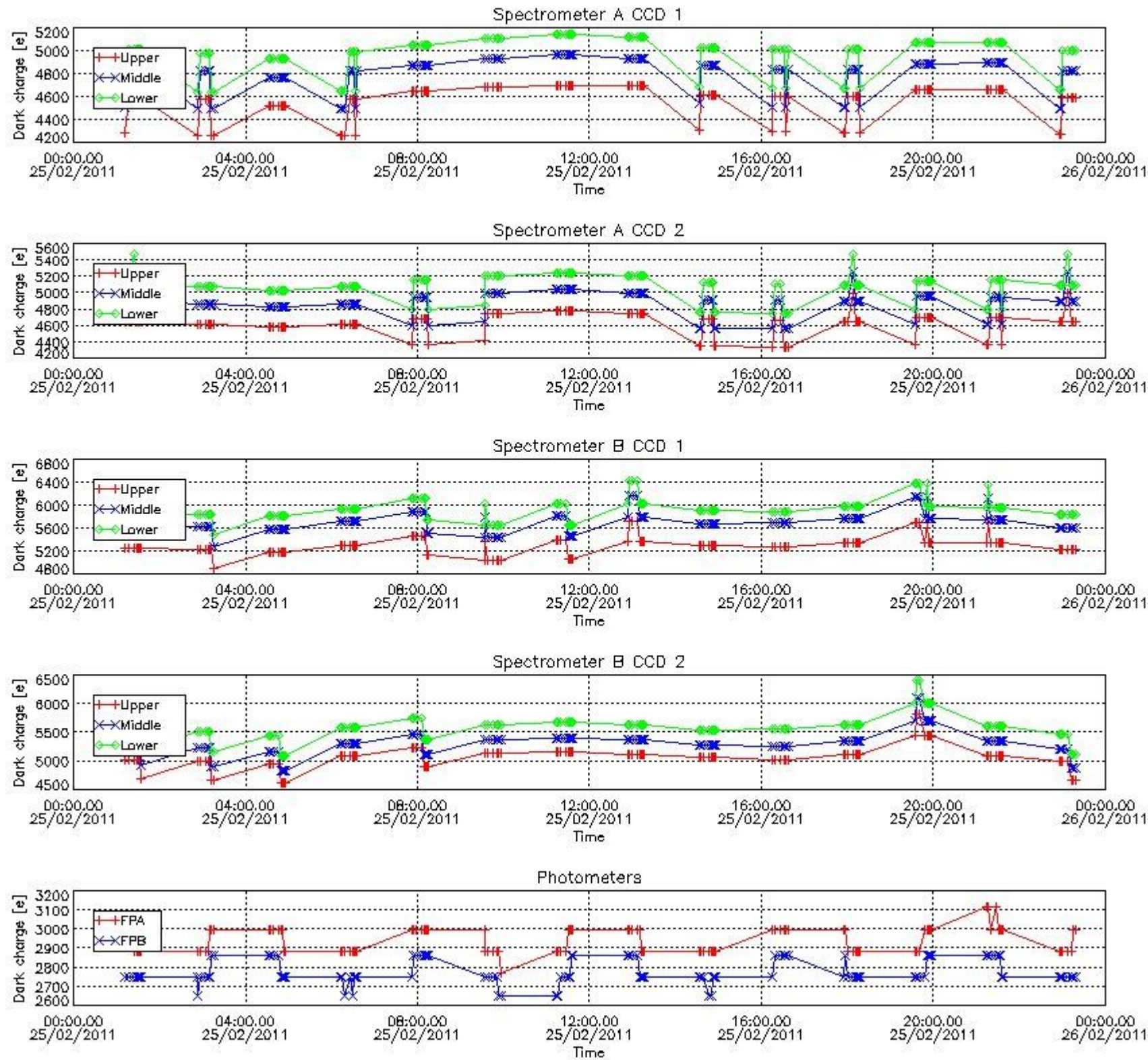
#### 4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
--------------	----------------



GOM_TRA_1PNPDE20110225_201855_000000443100_00014_47011_3924.N1	DC map used
GOM_TRA_1PNPDE20110225_202214_000000403100_00014_47011_3925.N1	DC map used
GOM_TRA_1PNPDE20110225_203046_000000463100_00014_47011_3926.N1	DC map used
GOM_TRA_1PNPDE20110225_203322_000000443100_00014_47011_3927.N1	DC map used
GOM_TRA_1PNPDE20110225_203450_000000483100_00014_47011_3928.N1	DC map used
GOM_TRA_1PNPDE20110225_203811_000000313100_00014_47011_3929.N1	DC map used
GOM_TRA_1PNPDE20110225_204144_000000433100_00014_47011_3930.N1	DC map used
GOM_TRA_1PNPDE20110225_204628_000000463100_00014_47011_3931.N1	DC map used
GOM_TRA_1PNPDE20110225_205043_000000473100_00014_47011_3932.N1	DC map used
GOM_TRA_1PNPDE20110225_205534_000000393100_00014_47011_3933.N1	DC map used
GOM_TRA_1PNPDE20110225_210258_000000373100_00014_47011_3934.N1	DC map used

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



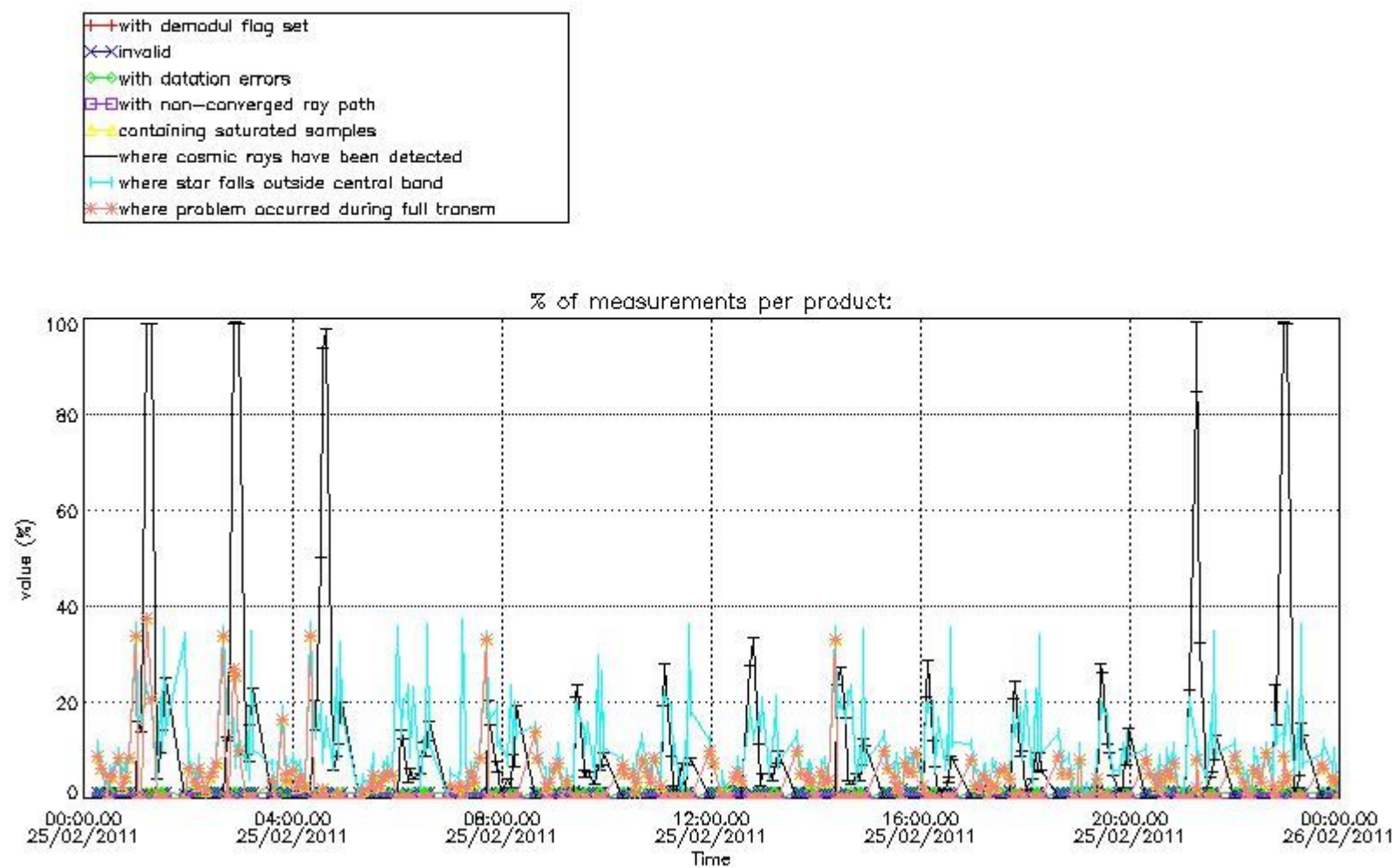
## 5. Demodulation flag and quality information monitoring

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:

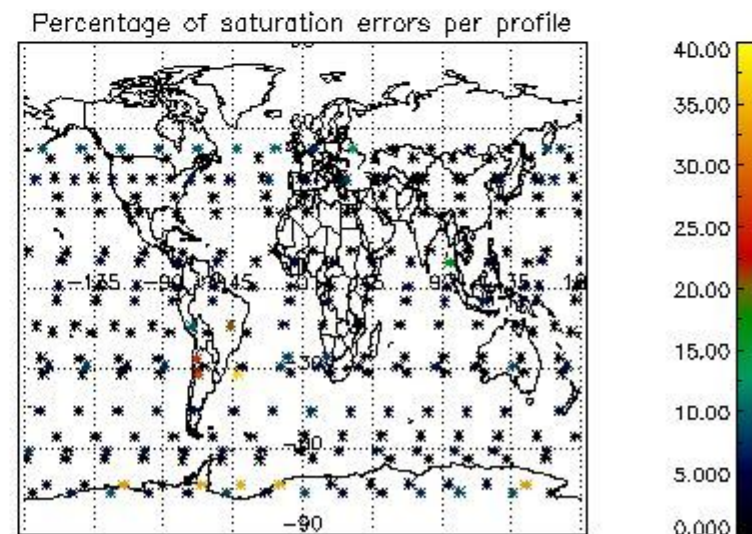
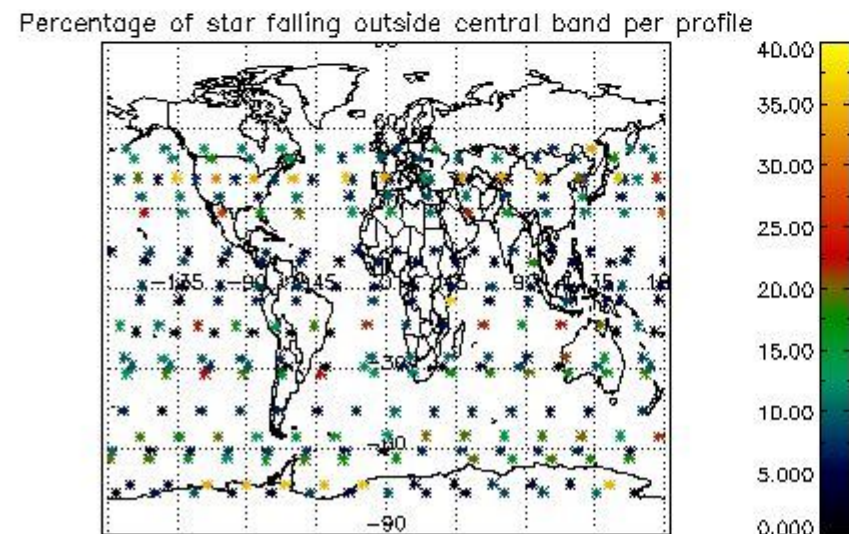
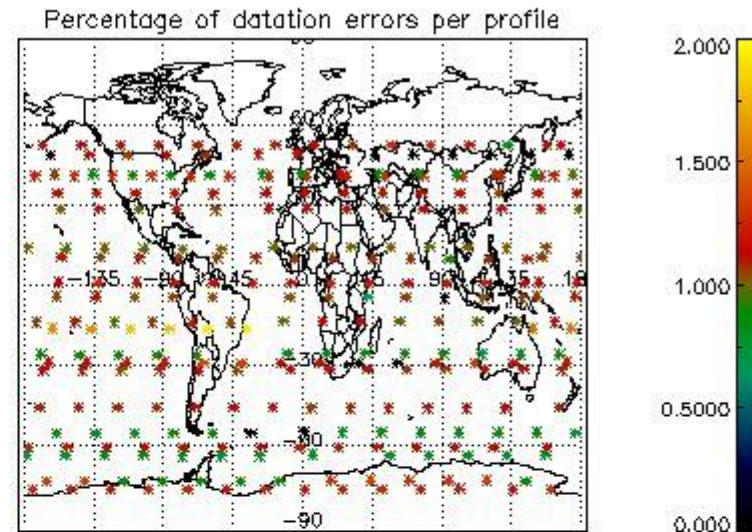
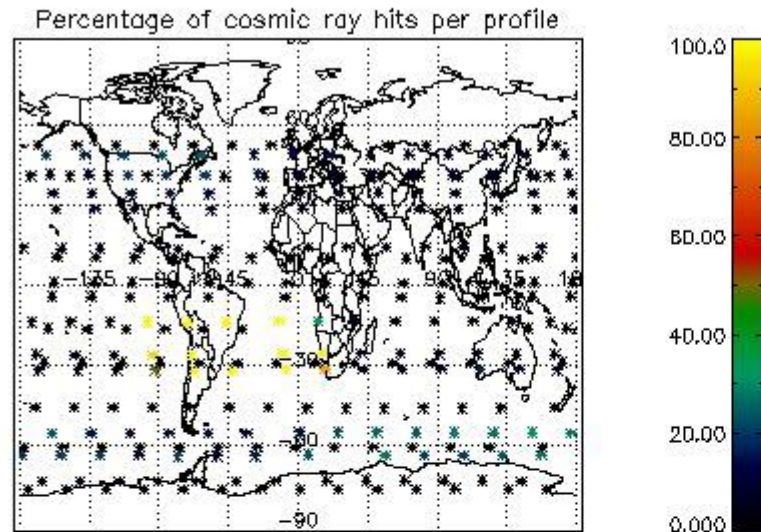
At least one measurement with demodulation flag set:	39.7924 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)





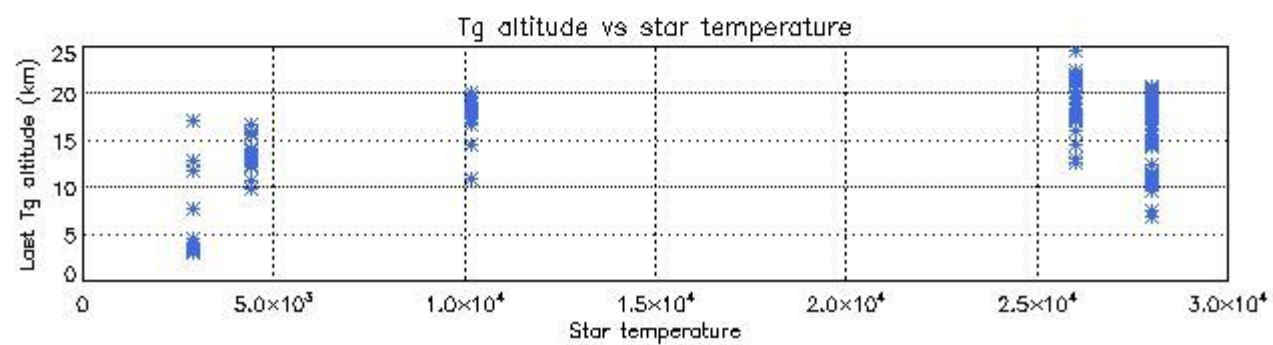
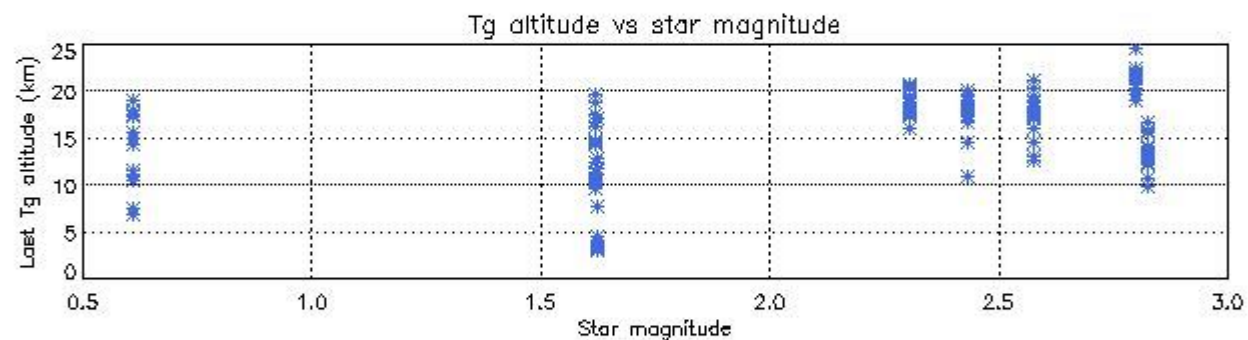
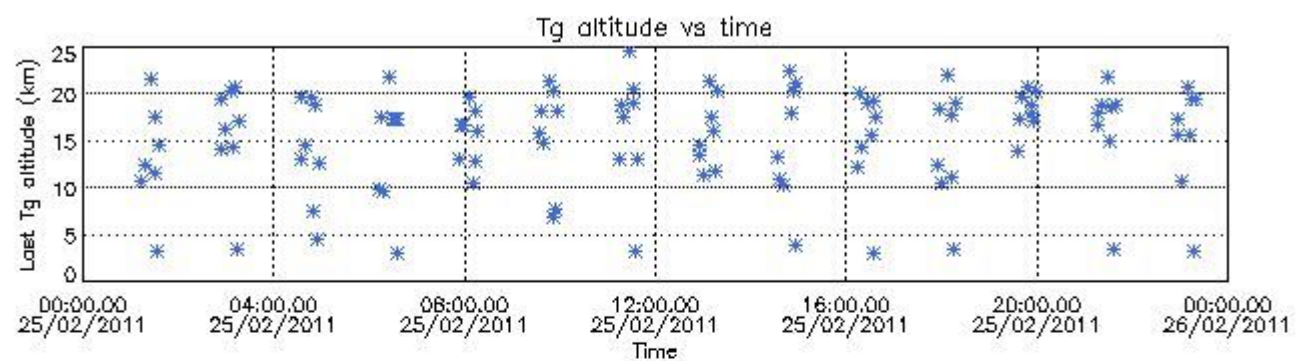
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.288	19.889	NaN
St. deviation:	5.2063	4.6695	NaN
Maximum:	24.490	29.099	NaN
Minimum:	2.9009	2.5033	NaN
Number of data:	111.00	143.00	NaN

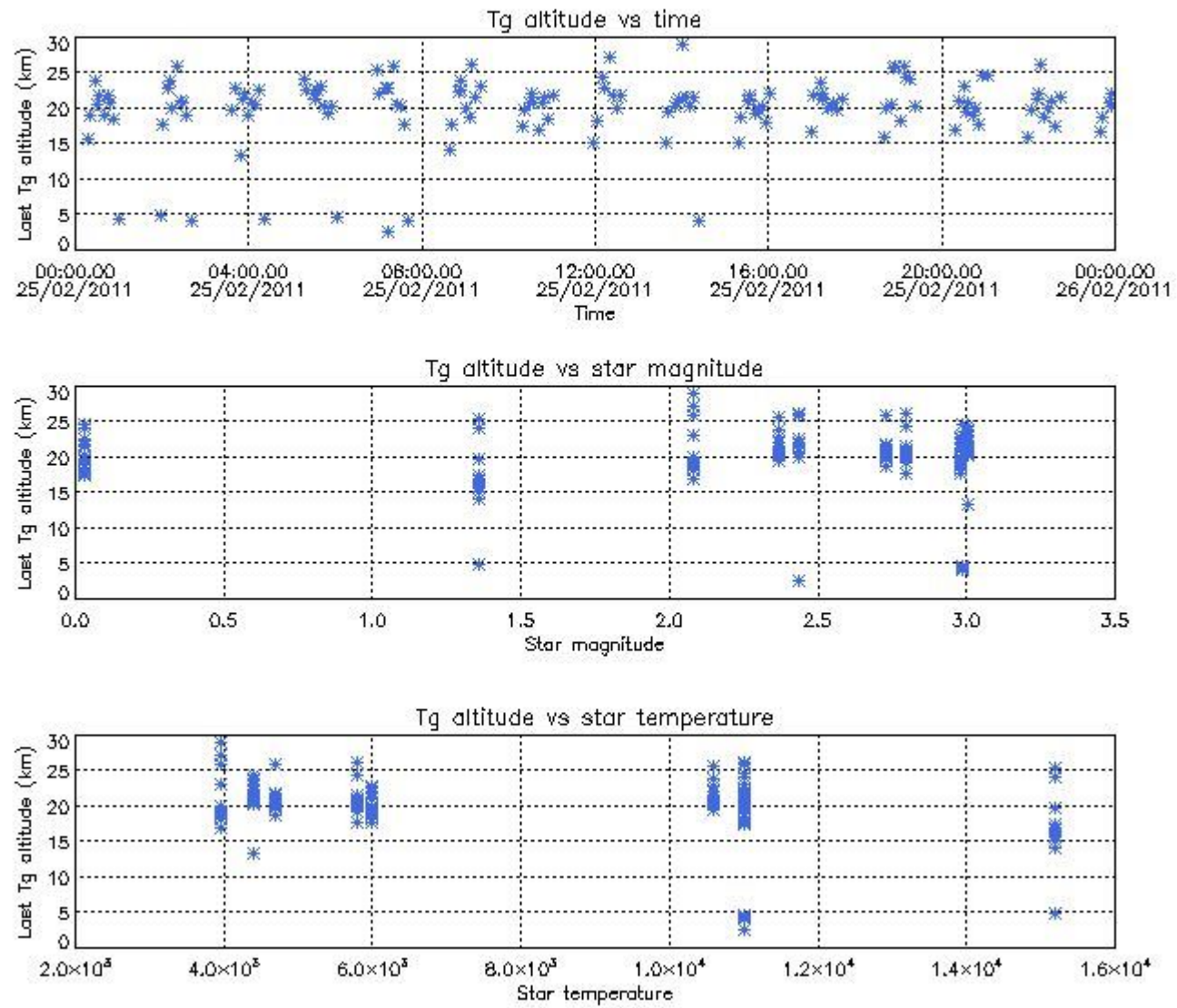
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost



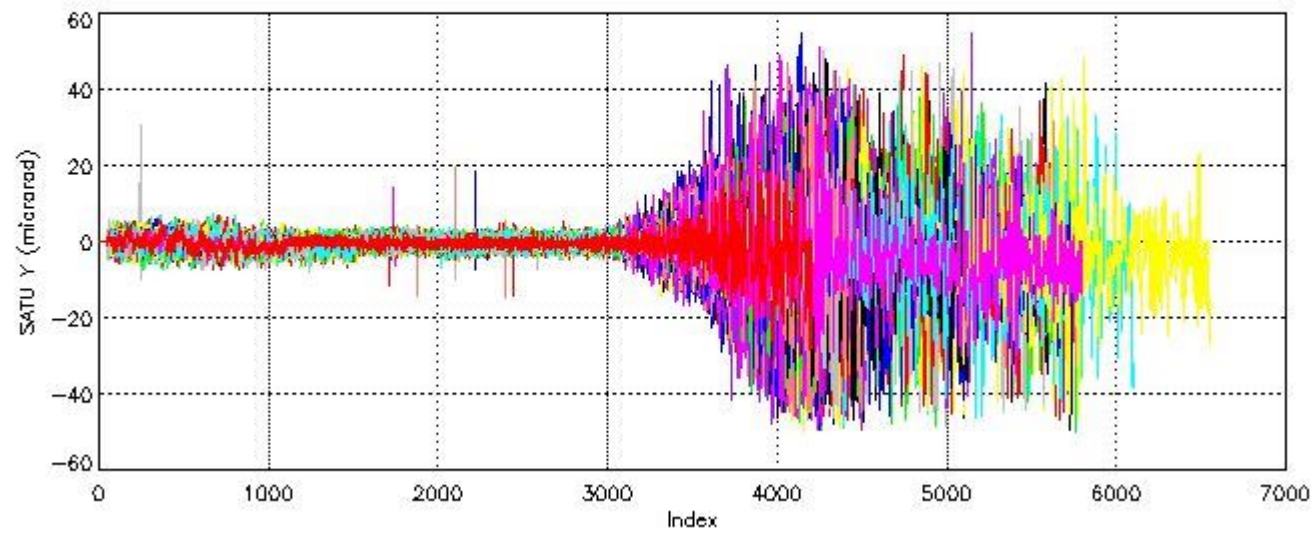
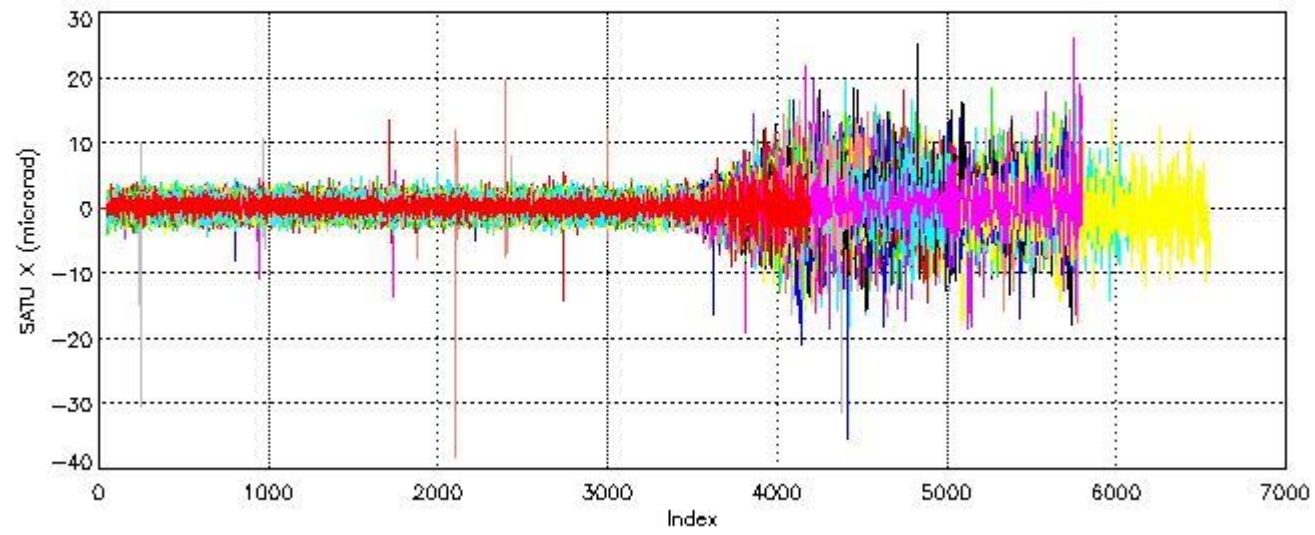
## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.19165	-0.49241	0.20737	-0.56999
St. deviation:	0.62994	1.5442	0.76493	1.4904
Maximum:	10.600	30.600	5.7000	7.6000
Minimum:	-30.500	-9.8000	-5.9000	-8.2000

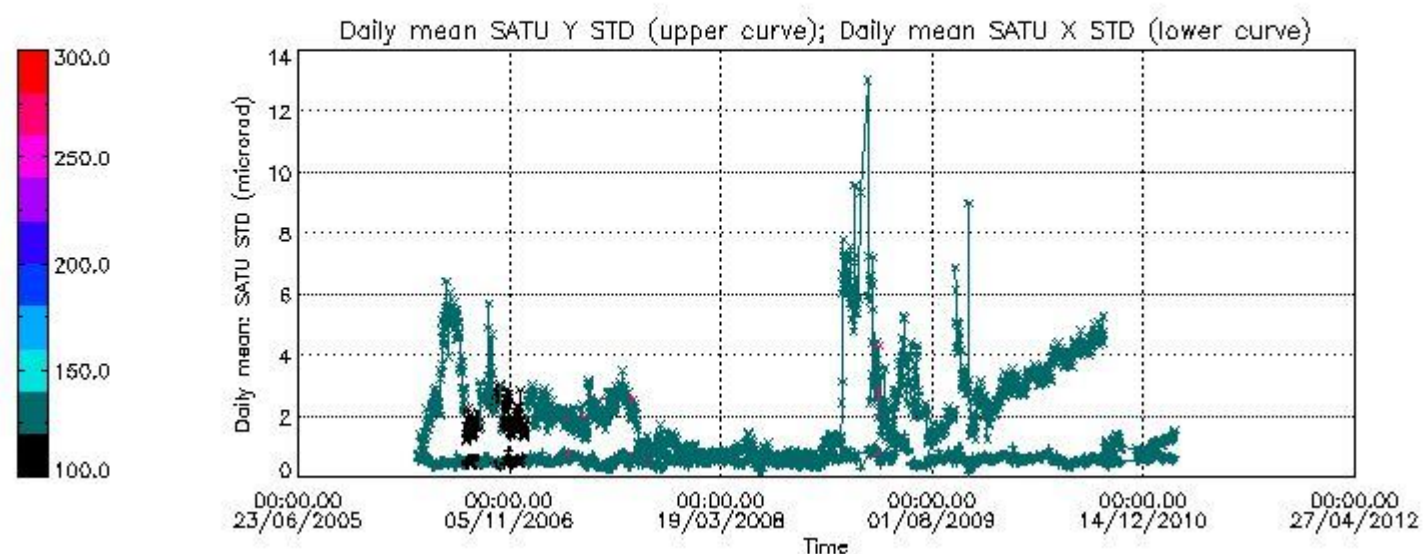
Number of data: 1.2085E+05 1.2085E+05 1.4595E+05 1.4595E+05

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

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

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

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



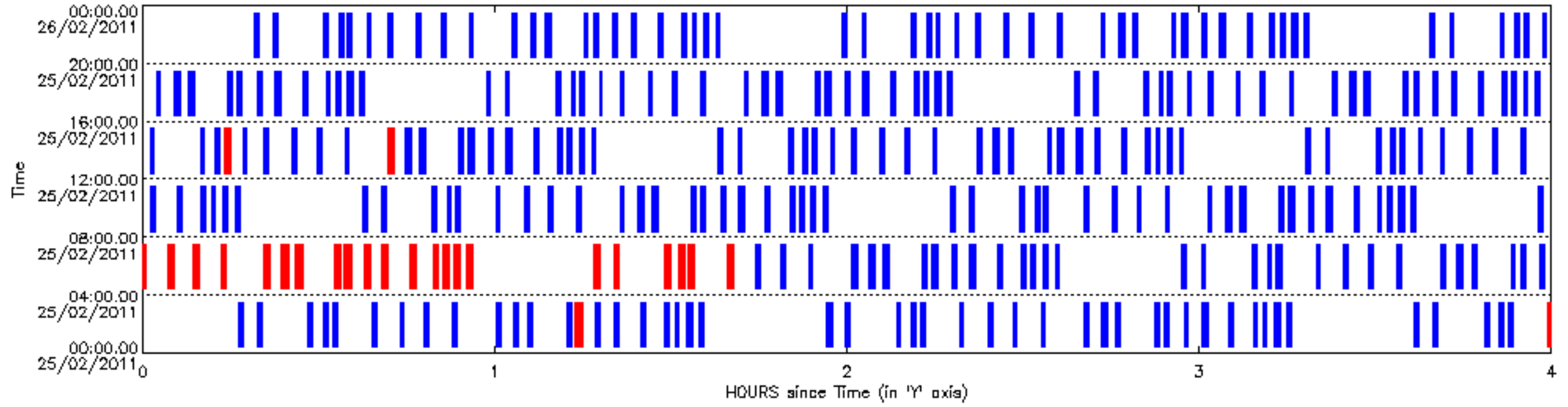
### 8. Auxiliary Data Files used for the production reported in section 2.4

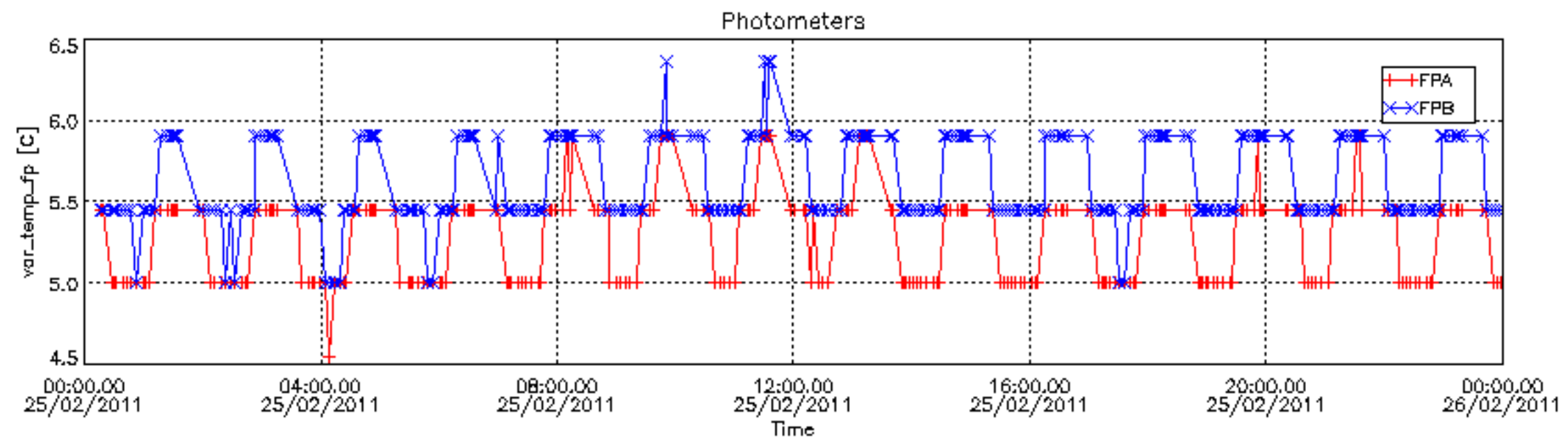
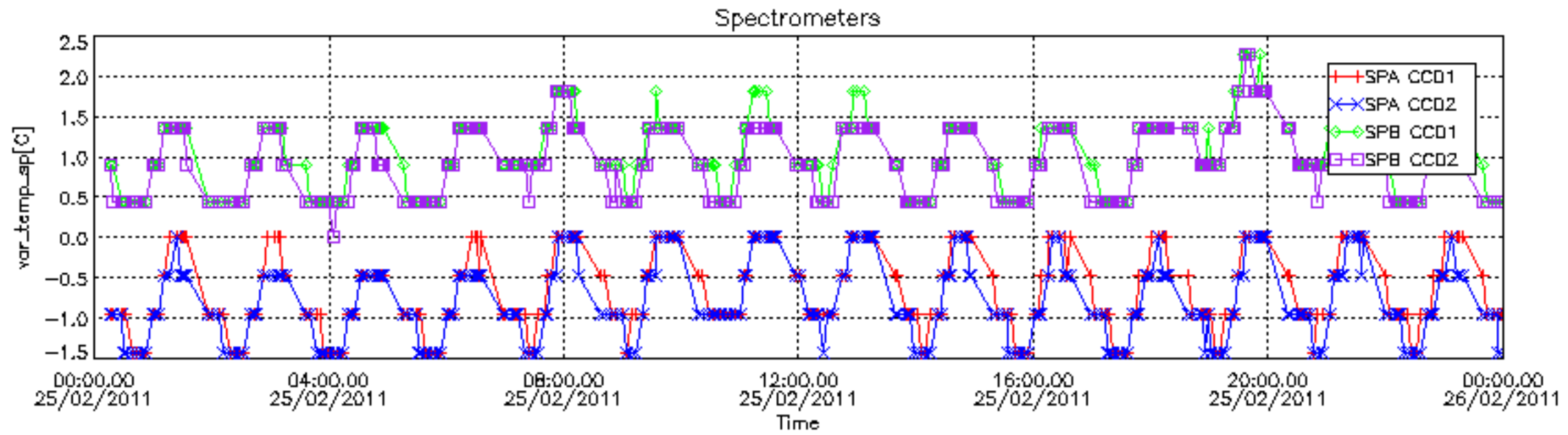
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

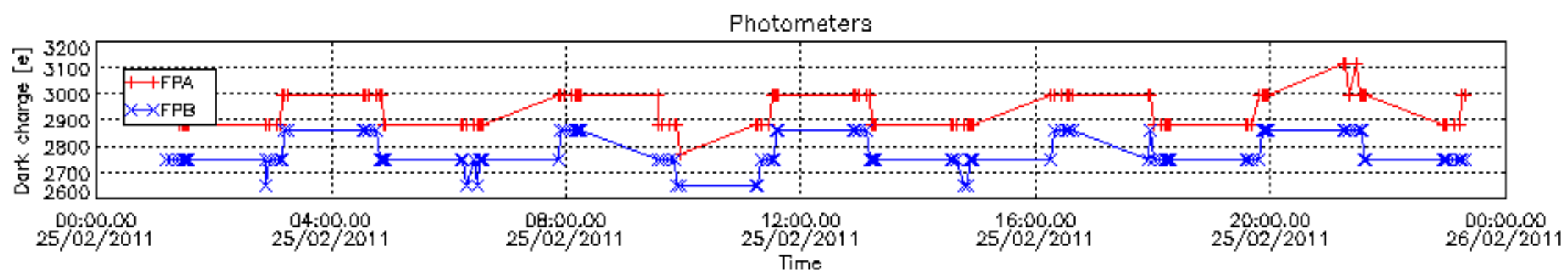
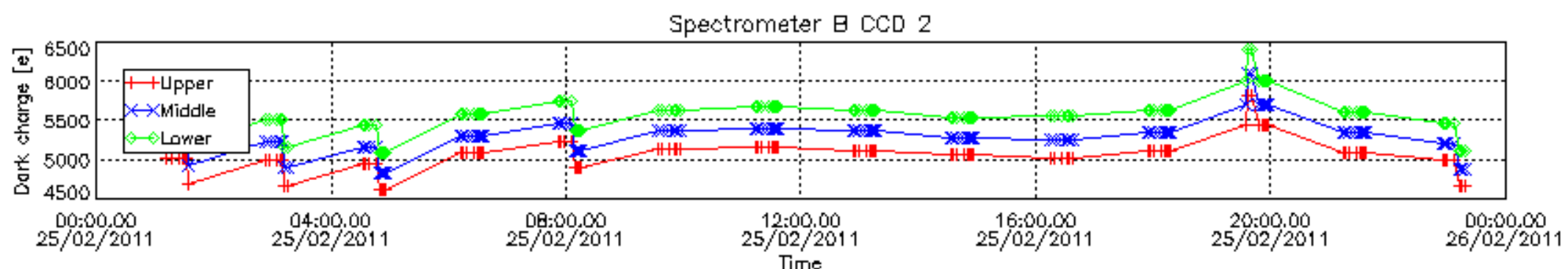
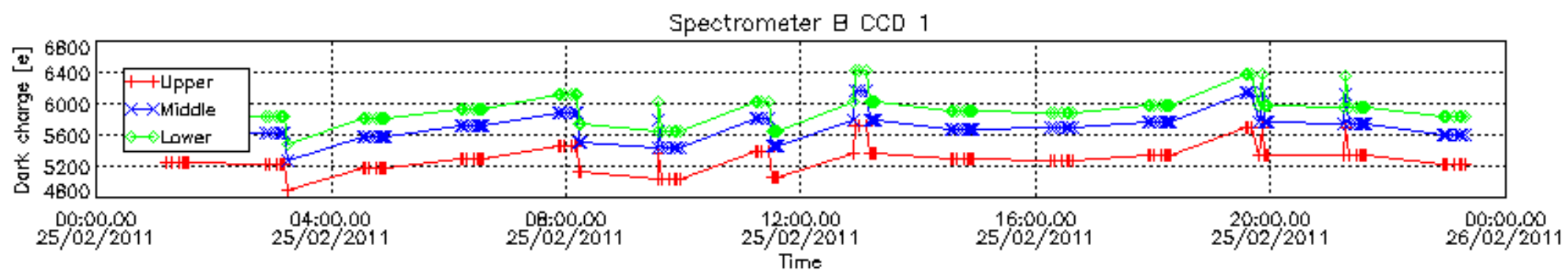
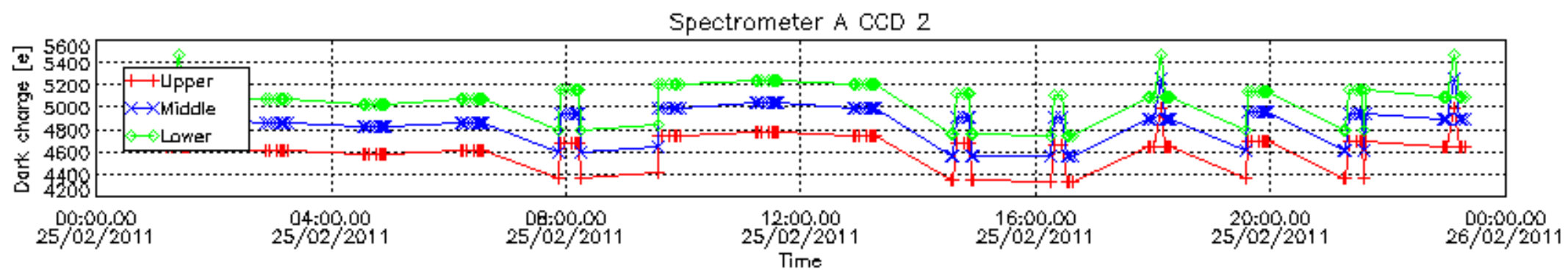
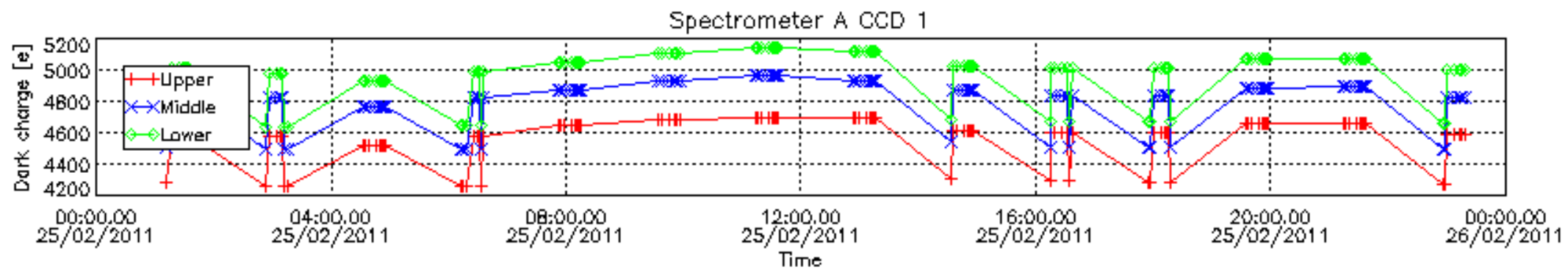
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-FEB-2011 00:16:10
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110222_092203_20110221_000000_20500101_000000	1	25-FEB-2011 00:16:10
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	25-FEB-2011 00:16:10
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	25-FEB-2011 00:16:10
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	25-FEB-2011 00:16:10
ECMWF_FILE	AUX_ECF_AXNECM20110224_052114_20110224_210000_20110225_090000	1	25-FEB-2011 00:16:10
ECMWF_FILE	AUX_ECF_AXNECM20110224_172514_20110225_030000_20110225_150000	45	25-FEB-2011 03:59:27
ECMWF_FILE	AUX_ECA_AXNECM20110225_052115_20110224_210000_20110225_090000	66	25-FEB-2011 05:44:26
ECMWF_FILE	AUX_ECF_AXNECM20110224_172514_20110225_030000_20110225_150000	100	25-FEB-2011 08:37:19
ECMWF_FILE	AUX_ECF_AXNECM20110225_052115_20110225_090000_20110225_210000	120	25-FEB-2011 10:17:33
ECMWF_FILE	AUX_ECF_AXNECM20110225_052116_20110225_150000_20110226_030000	180	25-FEB-2011 15:18:14
ECMWF_FILE	AUX_ECA_AXNECM20110225_171140_20110225_090000_20110225_210000	222	25-FEB-2011 18:38:41
ECMWF_FILE	AUX_ECF_AXNECM20110225_052116_20110225_150000_20110226_030000	243	25-FEB-2011 20:18:55
ECMWF_FILE	AUX_ECF_AXNECM20110225_052116_20110225_210000_20110226_090000	254	25-FEB-2011 21:05:55
OPTIONAL_ECMWF_FILE	MISSING	1	25-FEB-2011 00:16:10
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110224_222515_20110223_191650_20110305_213040	1	25-FEB-2011 00:16:10
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110225_035736_000057383100_00004_47001_2587.N1	45	25-FEB-2011 03:59:27
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110225_053833_000057383100_00005_47002_2590.N1	66	25-FEB-2011 05:44:26
ORBIT_DATA_FILE	DOR_NAV_OPNPK20110225_071930_000035073100_00006_47003_3897.N1	86	25-FEB-2011 07:24:39
ORBIT_DATA_FILE	DOR_NAV_OPNPK20110225_082315_000060573100_00007_47004_3898.N1	100	25-FEB-2011 08:37:19

ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110225_100412_000057383100_00008_47005_3899.N1	120	25-FEB-2011 10:17:33
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110225_114509_000057383100_00009_47006_3900.N1	140	25-FEB-2011 11:57:46
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110225_132606_000054193100_00010_47007_3901.N1	159	25-FEB-2011 13:38:00
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110225_150144_000057383100_00011_47008_3902.N1	180	25-FEB-2011 15:18:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110225_164241_000054193100_00012_47009_3903.N1	201	25-FEB-2011 16:58:28
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110225_181820_000057383100_00013_47010_3904.N1	222	25-FEB-2011 18:38:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110225_195917_000035073100_00014_47011_2591.N1	243	25-FEB-2011 20:18:55
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110225_101139_20110224_184006_20110306_205356	254	25-FEB-2011 21:05:55
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110225_224918_000057383100_00015_47012_2593.N1	277	25-FEB-2011 22:55:18

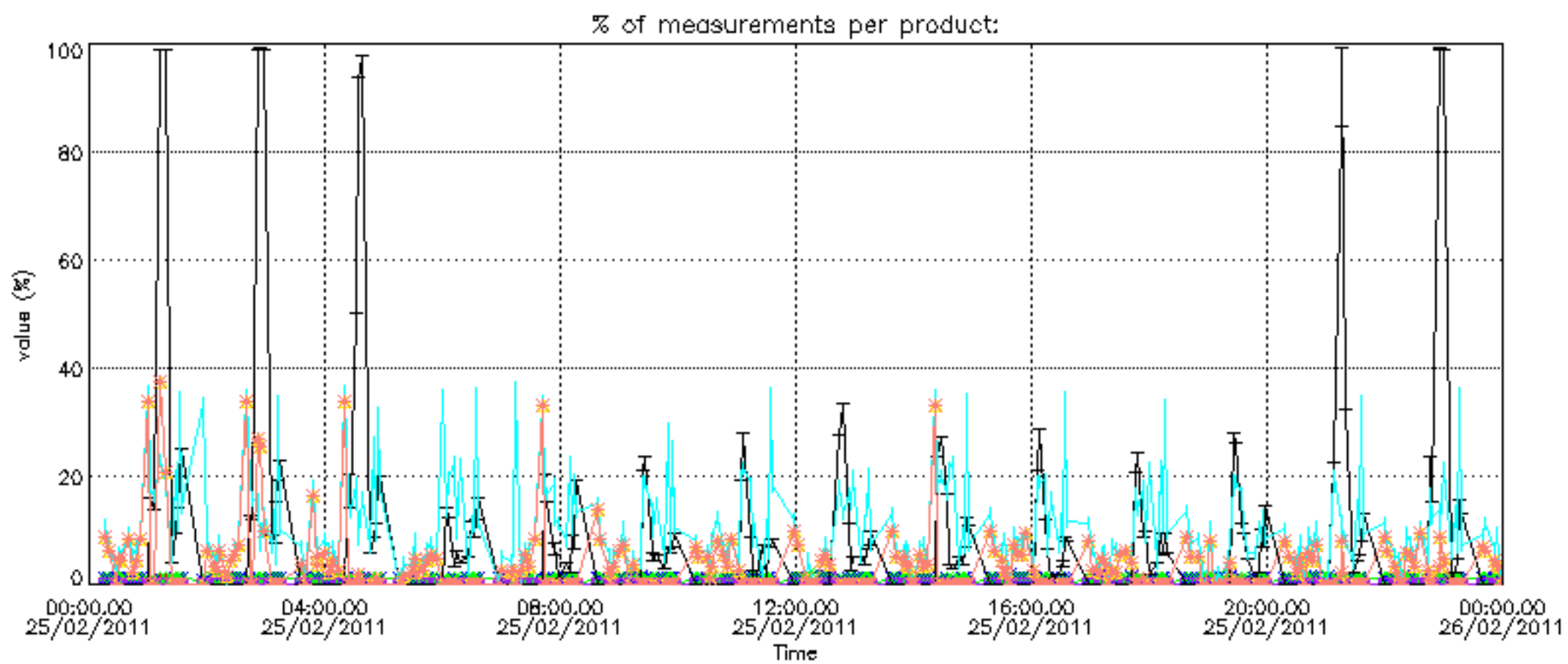




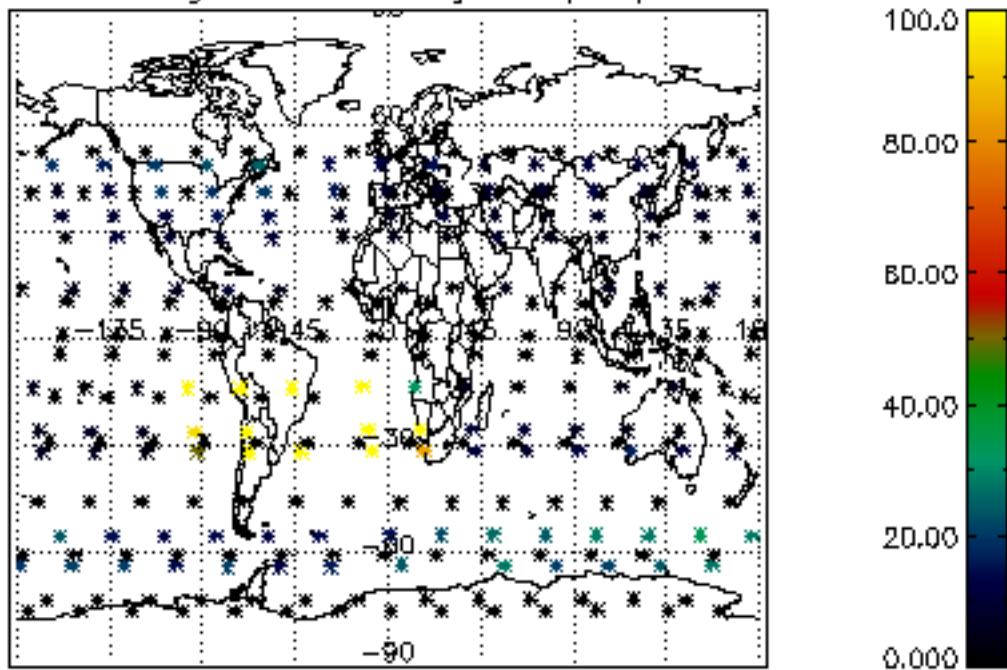




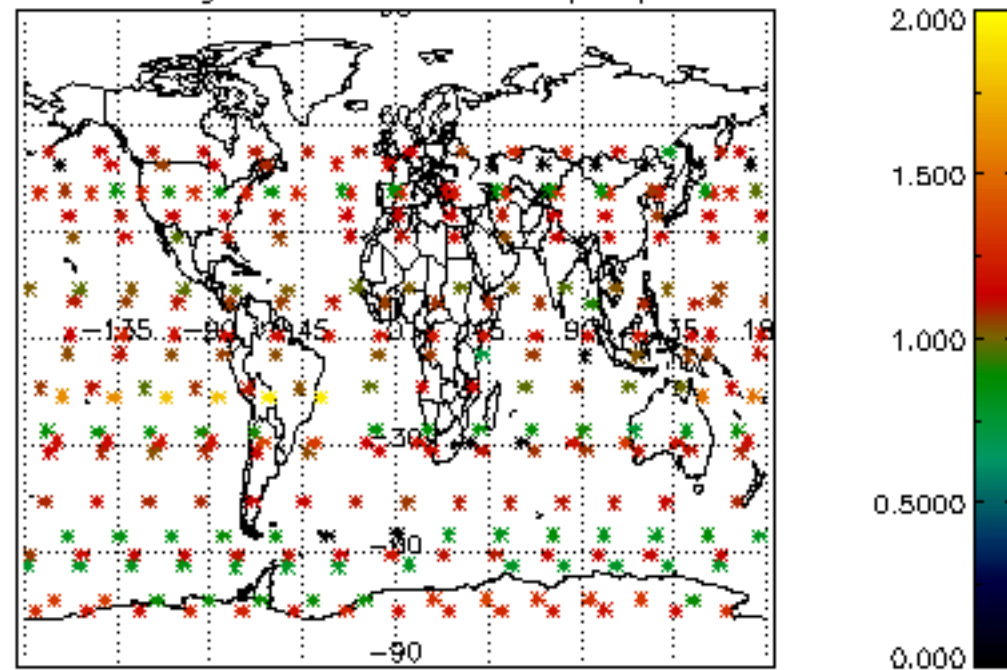




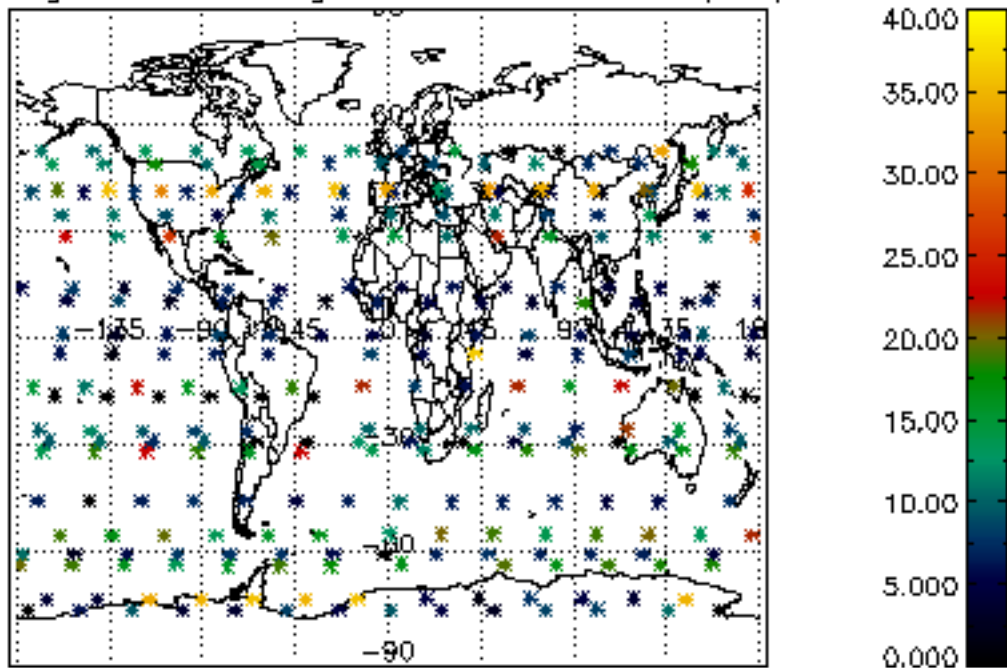
Percentage of cosmic ray hits per profile



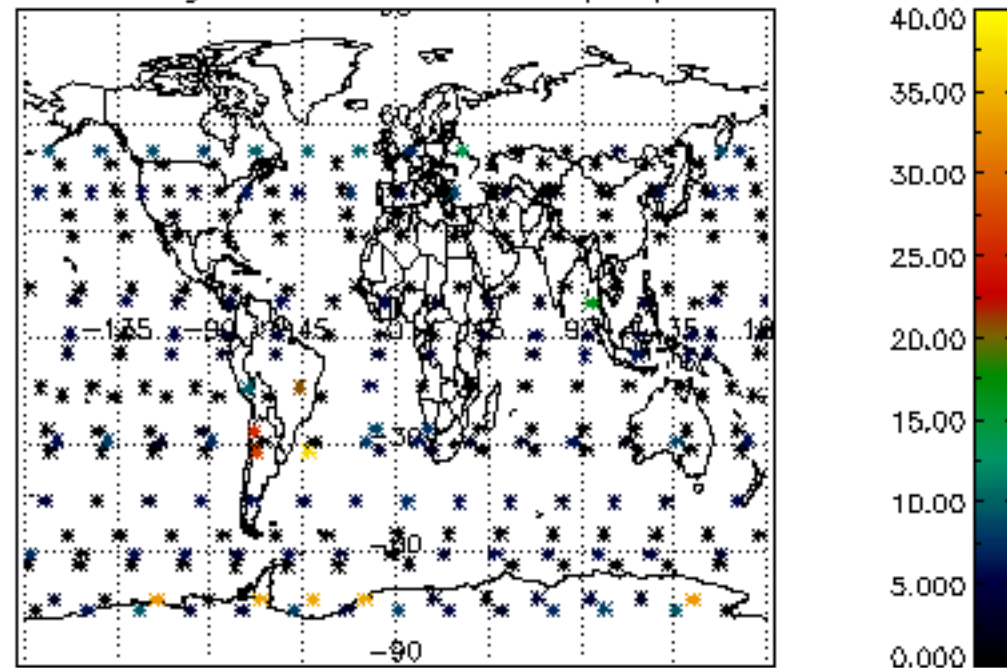
Percentage of datation errors per profile



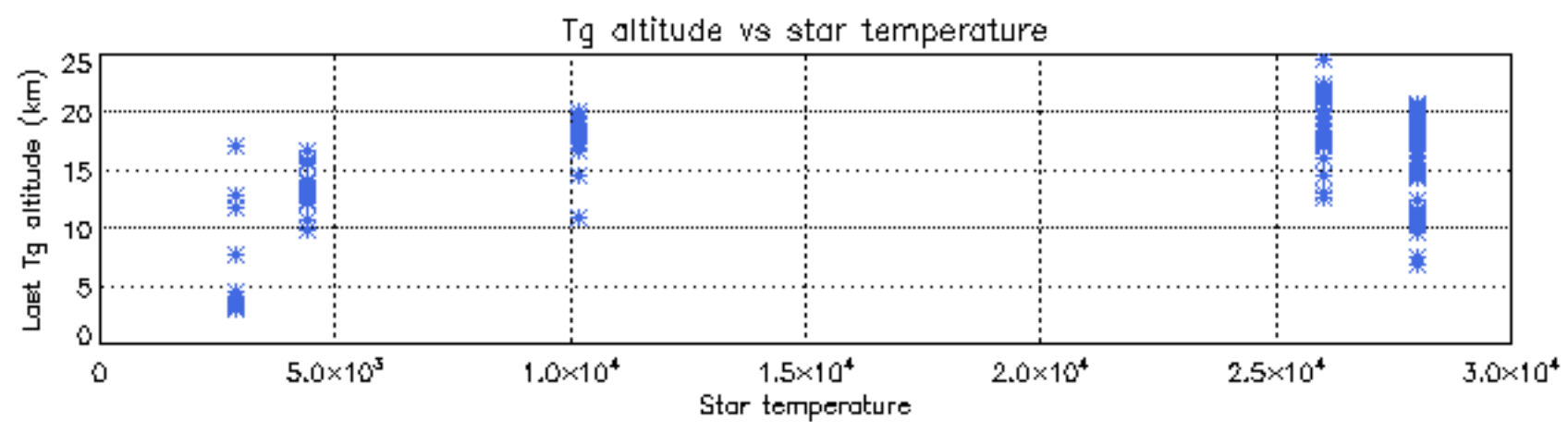
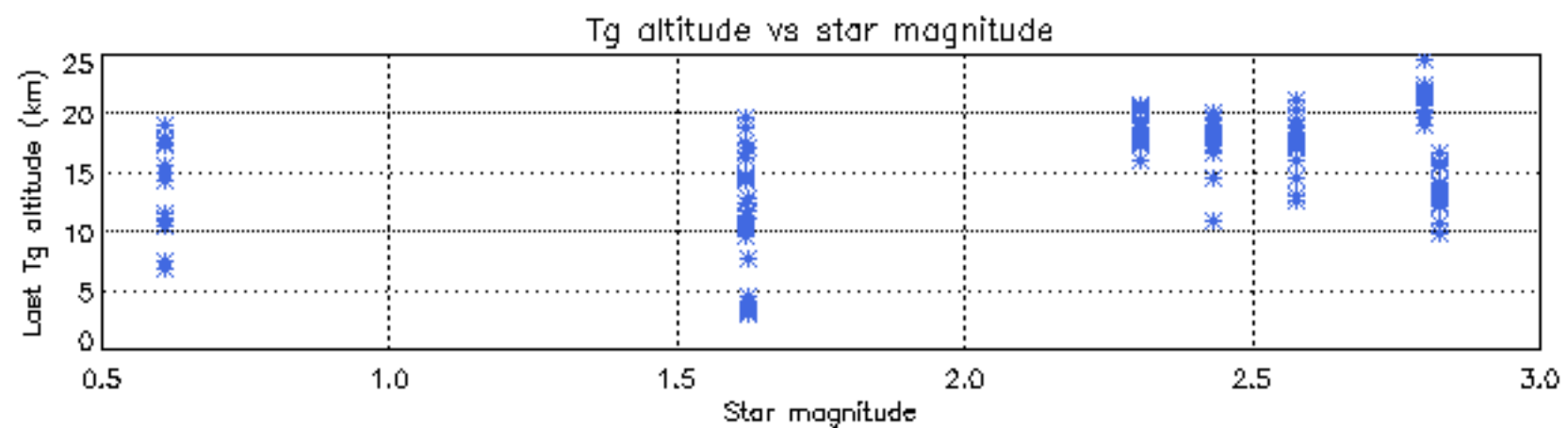
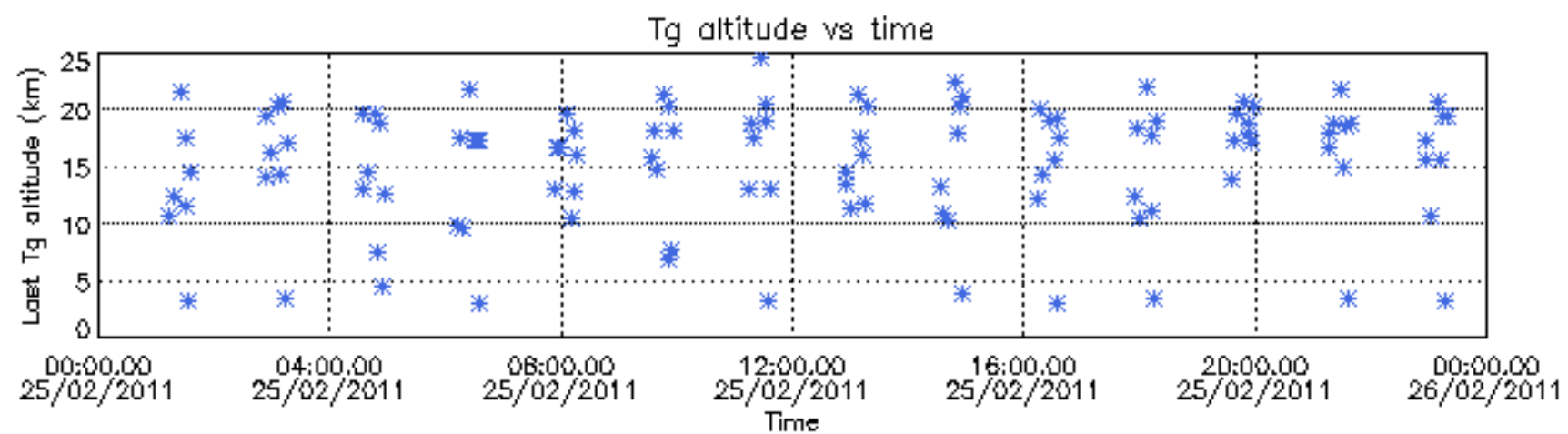
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

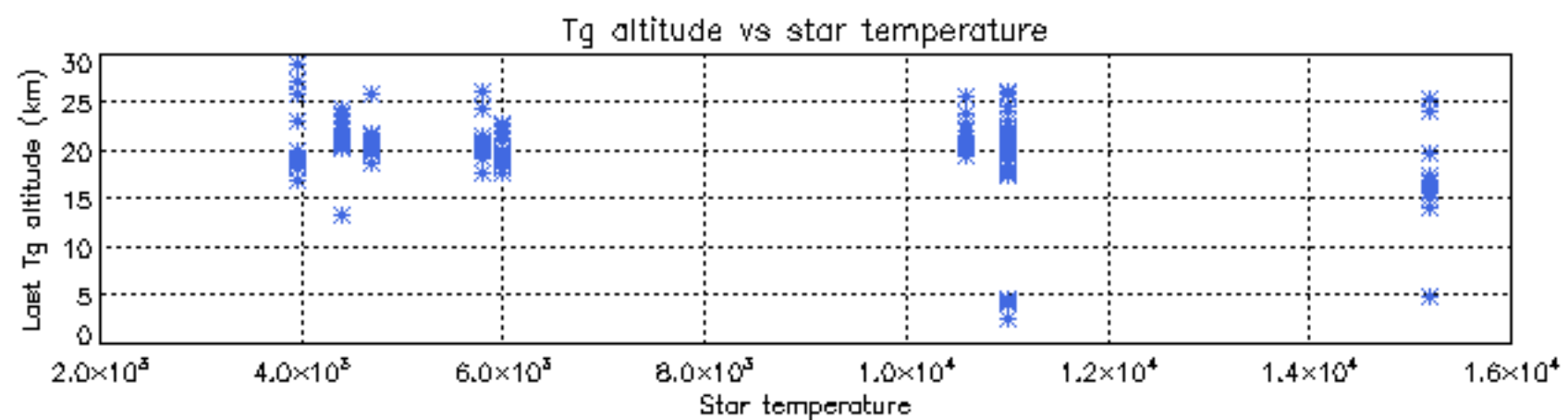
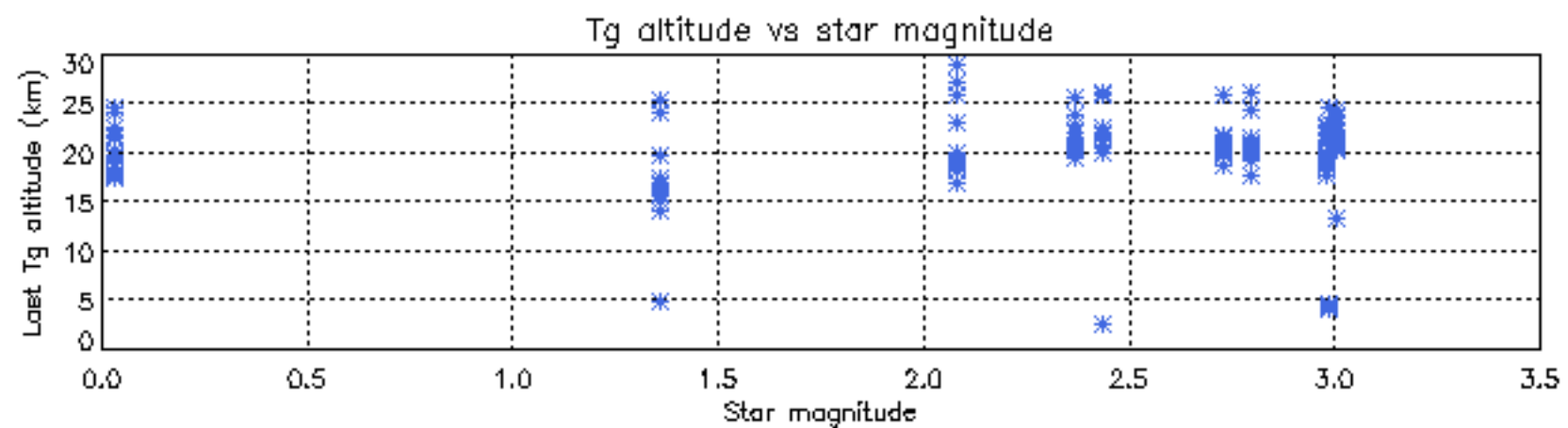
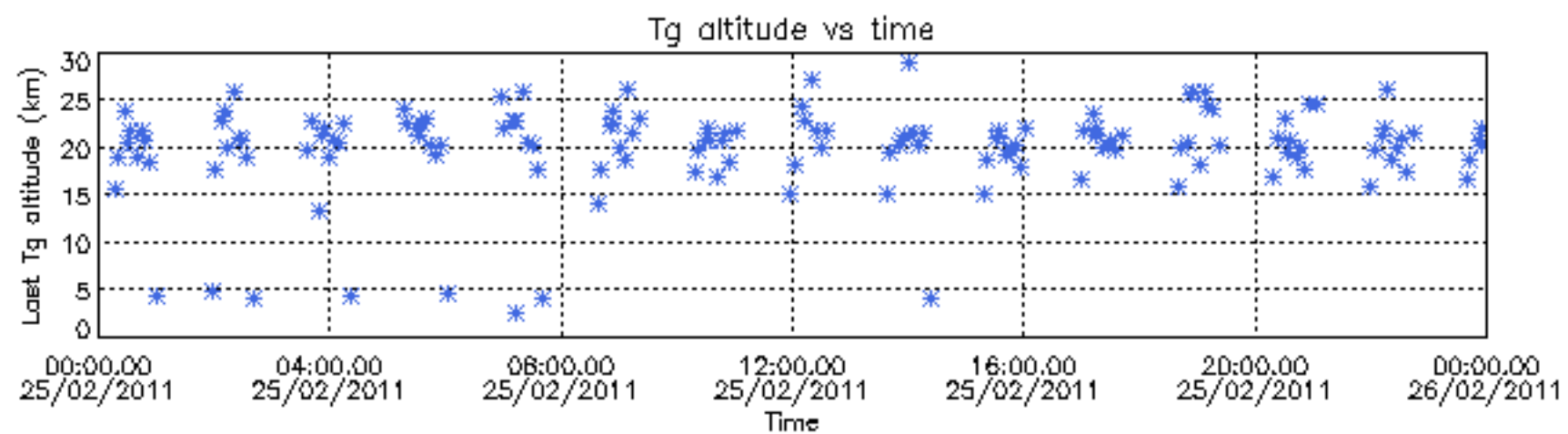


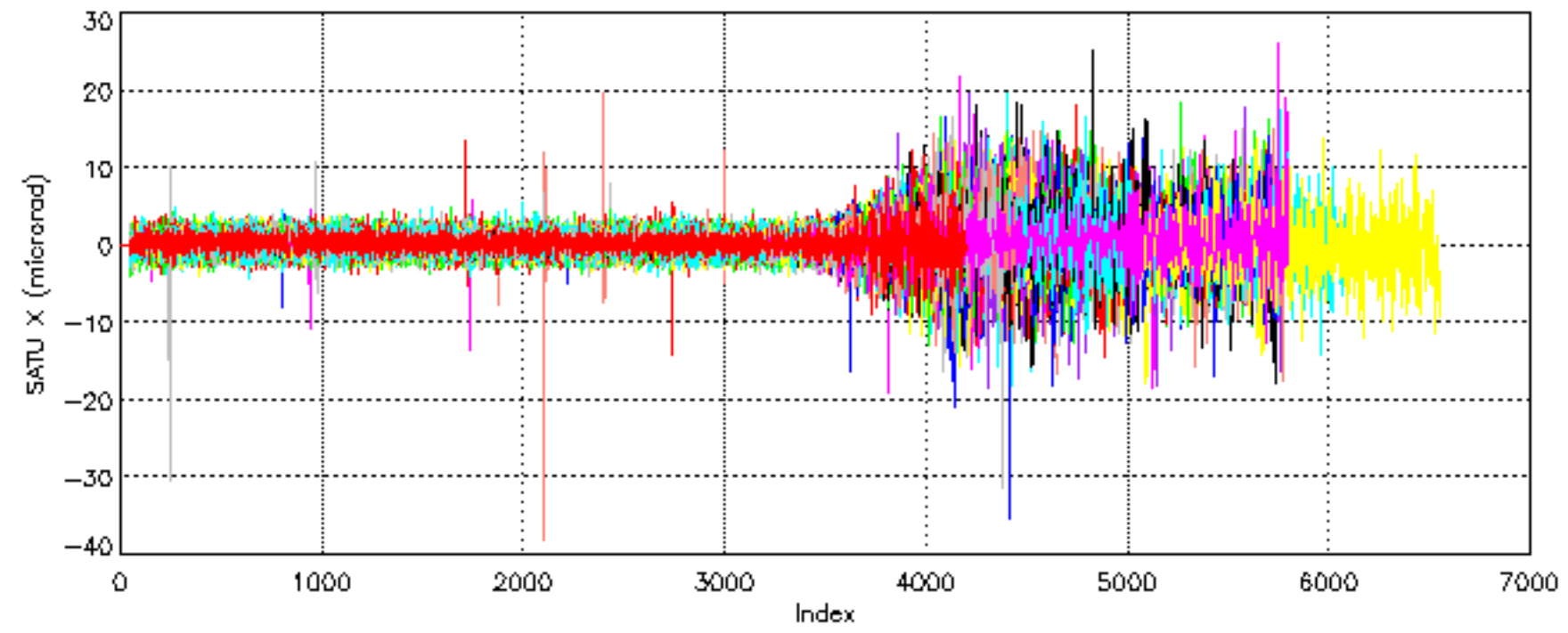
Tangent altitude at which the star is lost

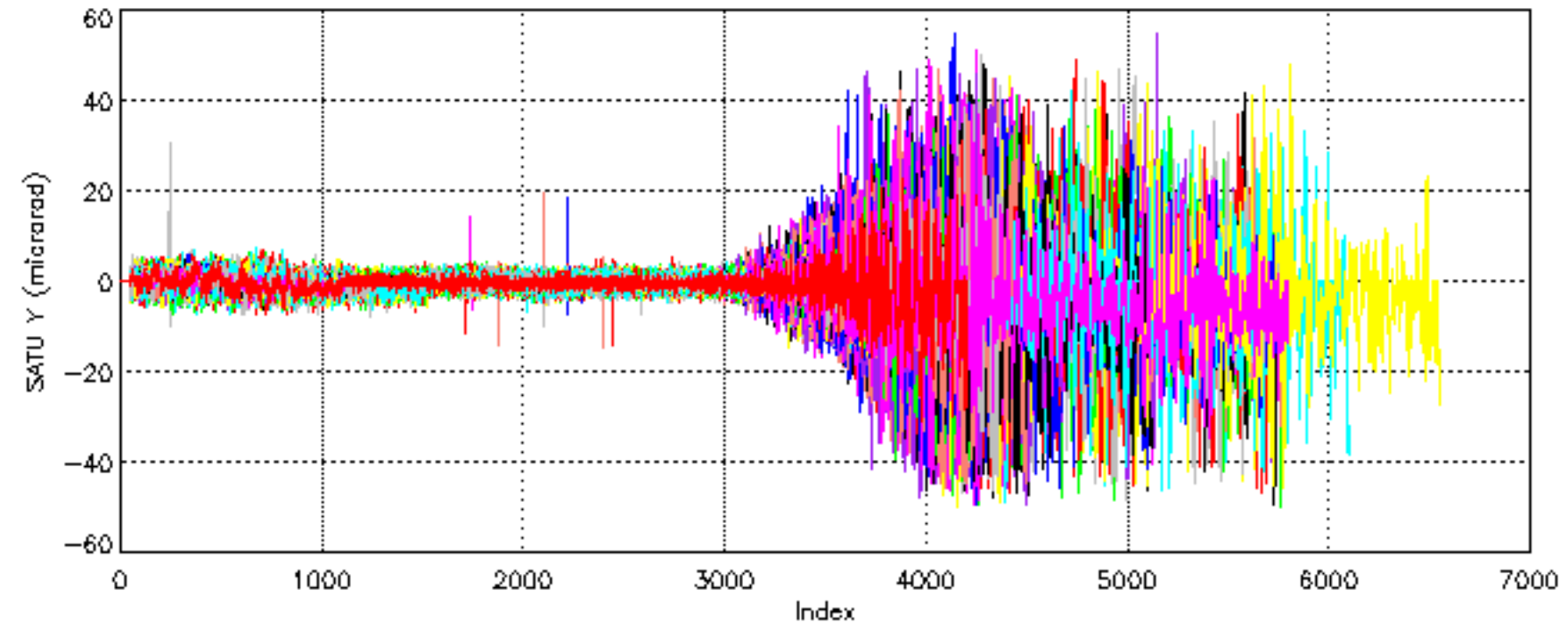




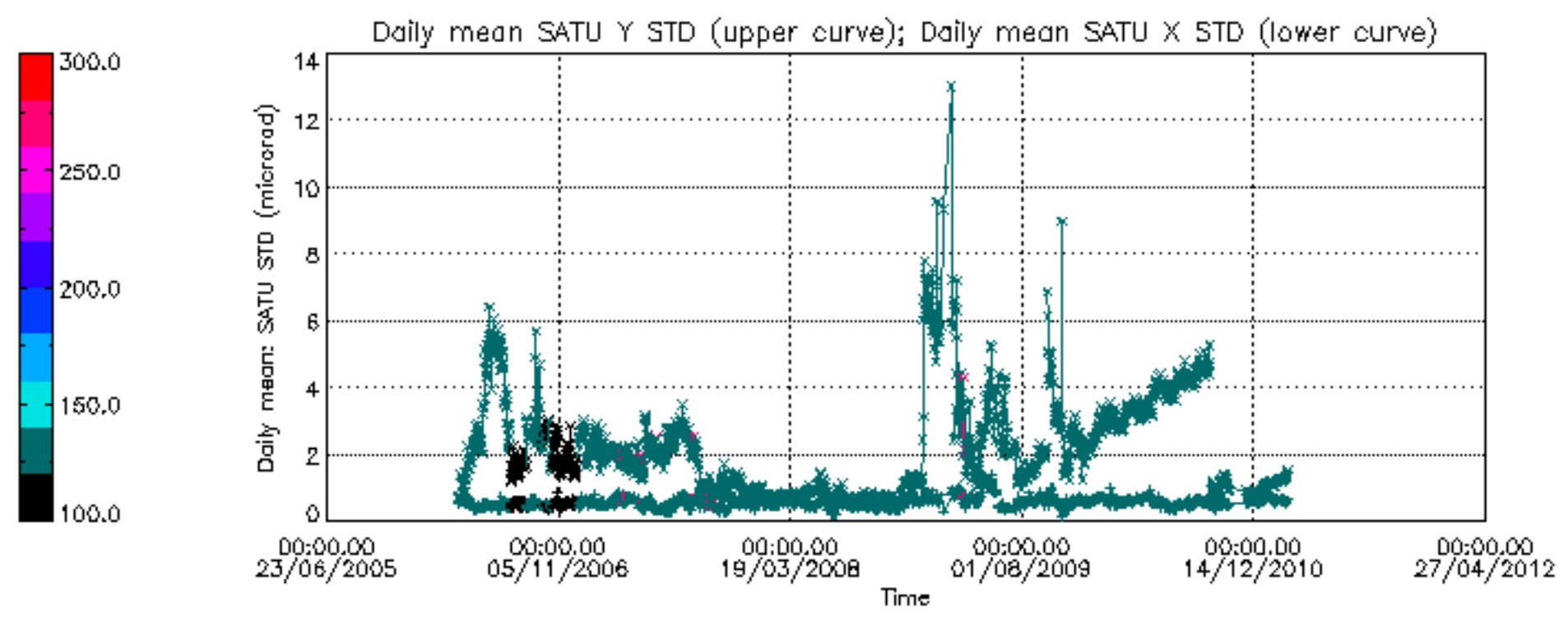
Tangent altitude at which the star is lost











/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20110201\_004830\_000056763099\_00088\_46654\_2201.N1

1; -719.1; 01-FEB-2011 00:48:30; Dark ; 44.5; 86; 35Eta Oph ; 2.43; 10200;occ; 89; 7;46654  
 2; -464.4; 01-FEB-2011 00:52:45; Dark ; 56.0; 16; 21Alp Sco ; 1.02; 3000;occ; 112; 0;46654  
 3; 15.5; 01-FEB-2011 01:00:45; Dark ; 44.5; 109; Bet Lup ; 2.68; 26000;occ; 89; 0;46655  
 4; 109.8; 01-FEB-2011 01:02:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46655  
 5; 263.2; 01-FEB-2011 01:04:53; Dark ; 52.5; 10; Bet Cen ; 0.61; 28000;occ; 105; 0;46655  
 6; 465.9; 01-FEB-2011 01:08:15; Dark ; 50.0; 12; Alp1Cru ; 0.77; 30000;occ; 100; 0;46655  
 7; 587.0; 01-FEB-2011 01:10:16; Dark ; 46.5; 99; Del Cen ; 2.58; 26000;occ; 93; 0;46655  
 8; 808.8; 01-FEB-2011 01:13:58; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;46655  
 9; 1072.2; 01-FEB-2011 01:18:22; Dark ; 45.5; 65; Lam Vel ; 2.20; 4400;occ; 91; 0;46655  
 10; 1457.7; 01-FEB-2011 01:24:47; Dark ; 43.0; 132; 15Rho Pup ; 2.80; 6900;occ; 86; 0;46655  
 11; 1730.7; 01-FEB-2011 01:29:20; Dark ; 47.0; 48; 30Alp Hya ; 1.98; 4100;occ; 94; 0;46655  
 12; 1980.4; 01-FEB-2011 01:33:30; Dark ; 48.5; 8; 10Alp CMi ; 0.40; 6500;occ; 97; 0;46655  
 13; 2379.1; 01-FEB-2011 01:40:09; Bright; 42.5; 17; 78Bet Gem ; 1.16; 4500;occ; 85; 0;46655  
 14; 3264.1; 01-FEB-2011 01:54:54; Bright; 44.5; 36; 50Alp UMa ; 1.80; 6300;occ; 89; 0;46655  
 15; 3593.4; 01-FEB-2011 02:00:23; Bright; 40.5; 60; 7Bet UMi ; 2.08; 3950;occ; 81; 0;46655  
 16; 3875.8; 01-FEB-2011 02:05:05; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;46655  
 17; 4066.7; 01-FEB-2011 02:08:16; Bright; 37.5; 130; 23Bet Dra ; 2.80; 5800;occ; 75; 0;46655  
 18; 4465.4; 01-FEB-2011 02:14:55; Bright; 63.0; 133; 40Zet Her ; 2.81; 6000;occ; 126; 0;46655  
 19; 4682.8; 01-FEB-2011 02:18:32; Bright; 47.0; 127; 27Bet Her ; 2.78; 4700;occ; 94; 0;46655  
 20; 4903.9; 01-FEB-2011 02:22:13; Bright; 53.5; 126; 60Bet Oph ; 2.77; 4250;occ; 107; 0;46655

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20110201\_022842\_000040273099\_00089\_46655\_2202.N1

1; -721.9; 01-FEB-2011 02:28:42; Dark ; 44.5; 86; 35Eta Oph ; 2.43; 10200;occ; 89; 0;46655  
 2; -463.6; 01-FEB-2011 02:33:00; Dark ; 50.5; 16; 21Alp Sco ; 1.02; 3000;occ; 101; 0;46655  
 3; -117.1; 01-FEB-2011 02:38:46; Dark ; 45.5; 131; Gam Lup ; 2.80; 26000;occ; 91; 0;46655  
 4; 16.4; 01-FEB-2011 02:41:00; Dark ; 44.0; 109; Bet Lup ; 2.68; 26000;occ; 88; 0;46656  
 5; 110.5; 01-FEB-2011 02:42:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46656  
 6; 263.8; 01-FEB-2011 02:45:07; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;46656  
 7; 466.5; 01-FEB-2011 02:48:30; Dark ; 41.0; 12; Alp1Cru ; 0.77; 30000;occ; 82; 0;46656  
 8; 587.9; 01-FEB-2011 02:50:31; Dark ; 46.0; 99; Del Cen ; 2.58; 26000;occ; 92; 0;46656  
 9; 809.5; 01-FEB-2011 02:54:13; Dark ; 50.0; 113; Mu Vel ; 2.69; 5000;occ; 100; 0;46656  
 10; 1072.7; 01-FEB-2011 02:58:36; Dark ; 47.0; 65; Lam Vel ; 2.20; 4400;occ; 94; 0;46656  
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16; 4066.0; 03-FEB-2011 00:54:48; Bright; 56.0; 130; 23Bet Dra ; 2.80; 5800;occ; 112; 0;46683
17; 4469.3; 03-FEB-2011 01:01:31; Bright; 64.0; 133; 40Zet Her ; 2.81; 6000;occ; 128; 0;46683
18; 4692.4; 03-FEB-2011 01:05:14; Bright; 69.0; 127; 27Bet Her ; 2.78; 4700;occ; 138; 0;46683
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 9; 4689.1; 02-FEB-2011 08:22:51; Bright; 68.0; 127; 27Bet Her ; 2.78; 4700;occ; 136; 0;46673
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4; 3249.0; 02-FEB-2011 16:20:01; Bright; 46.0; 36; 50Alp UMa ; 1.80; 6300;occ; 92; 0;46678
5; 3587.9; 02-FEB-2011 16:25:40; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;46678
6; 3871.6; 02-FEB-2011 16:30:23; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;46678
7; 4066.2; 02-FEB-2011 16:33:38; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;46678
8; 4468.8; 02-FEB-2011 16:40:21; Bright; 42.5; 133; 40Zet Her ; 2.81; 6000;occ; 85; 0;46678
9; 4690.8; 02-FEB-2011 16:44:03; Bright; 69.0; 127; 27Bet Her ; 2.78; 4700;occ; 138; 0;46678
10; 4911.6; 02-FEB-2011 16:47:43; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46678
11; 5304.1; 02-FEB-2011 16:54:16; Dark ; 45.5; 86; 35Eta Oph ; 2.43; 10200;occ; 91; 0;46678
12; 5567.1; 02-FEB-2011 16:58:39; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;46678
13; 5655.5; 02-FEB-2011 17:00:07; Dark ; 47.0; 158; 6Pi Sco ; 2.91; 28000;occ; 94; 0;46678
14; 5916.0; 02-FEB-2011 17:04:28; Dark ; 44.0; 131; Gam Lup ; 2.80; 26000;occ; 88; 0;46678
15; 6051.9; 02-FEB-2011 17:06:44; Dark ; 45.0; 109; Bet Lup ; 2.68; 26000;occ; 90; 0;46679
16; 6218.6; 02-FEB-2011 17:09:30; Dark ; 44.0; 4; Alp1Cen ;-0.01; 5800;occ; 88; 0;46679
17; 6291.6; 02-FEB-2011 17:10:43; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;46679
18; 6492.9; 02-FEB-2011 17:14:05; Dark ; 44.5; 12; Alp1Cru ; 0.77; 30000;occ; 89; 0;46679
19; 6646.6; 02-FEB-2011 17:16:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46679
20; 6837.1; 02-FEB-2011 17:19:49; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;46679
21; 7094.6; 02-FEB-2011 17:24:06; Dark ; 45.5; 65; Lam Vel ; 2.20; 4400;occ; 91; 0;46679

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1;	1729.4;	02-FEB-2011	17:34:55;	Dark	;	58.0;	48;	30Alp Hya	;	1.98;	4100;occ;	116;	0;	46679
2;	1981.1;	02-FEB-2011	17:39:07;	Dark	;	53.0;	8;	10Alp CMi	;	0.40;	6500;occ;	106;	0;	46679
3;	2376.1;	02-FEB-2011	17:45:42;	Bright;		41.0;	17;	78Bet Gem	;	1.16;	4500;occ;	82;	0;	46679
4;	3248.1;	02-FEB-2011	18:00:14;	Bright;		43.0;	36;	50Alp UMa	;	1.80;	6300;occ;	86;	0;	46679
5;	3587.3;	02-FEB-2011	18:05:53;	Bright;		42.5;	60;	7Bet UMi	;	2.08;	3950;occ;	85;	0;	46679
6;	3871.3;	02-FEB-2011	18:10:37;	Bright;		41.5;	119;	14Eta Dra	;	2.73;	4700;occ;	83;	0;	46679
7;	4066.2;	02-FEB-2011	18:13:52;	Bright;		55.0;	130;	23Bet Dra	;	2.80;	5800;occ;	110;	0;	46679
8;	4468.8;	02-FEB-2011	18:20:35;	Bright;		43.0;	133;	40Zet Her	;	2.81;	6000;occ;	86;	0;	46679
9;	4691.1;	02-FEB-2011	18:24:17;	Bright;		69.0;	127;	27Bet Her	;	2.78;	4700;occ;	138;	0;	46679
10;	4911.8;	02-FEB-2011	18:27:58;	Bright;		55.0;	126;	60Bet Oph	;	2.77;	4250;occ;	110;	0;	46679
11;	5304.6;	02-FEB-2011	18:34:30;	Dark	;	44.5;	86;	35Eta Oph	;	2.43;	10200;occ;	89;	0;	46679
12;	5567.6;	02-FEB-2011	18:38:53;	Dark	;	61.0;	16;	21Alp Sco	;	1.02;	3000;occ;	122;	0;	46679
13;	5656.4;	02-FEB-2011	18:40:22;	Dark	;	48.5;	158;	6Pi Sco	;	2.91;	28000;occ;	97;	0;	46679
14;	5916.9;	02-FEB-2011	18:44:43;	Dark	;	45.0;	131;	Gam Lup	;	2.80;	26000;occ;	90;	0;	46679
15;	6052.8;	02-FEB-2011	18:46:59;	Dark	;	45.0;	109;	Bet Lup	;	2.68;	26000;occ;	90;	0;	46680
16;	6219.1;	02-FEB-2011	18:49:45;	Dark	;	43.0;	4;	Alp1Cen	;	-0.01;	5800;occ;	86;	0;	46680
17;	6292.3;	02-FEB-2011	18:50:58;	Dark	;	41.5;	10;	Bet Cen	;	0.61;	28000;occ;	83;	0;	46680
18;	6493.4;	02-FEB-2011	18:54:19;	Dark	;	51.5;	12;	Alp1Cru	;	0.77;	30000;occ;	103;	0;	46680
19;	6647.4;	02-FEB-2011	18:56:53;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	46680
20;	6837.6;	02-FEB-2011	19:00:03;	Dark	;	42.0;	113;	Mu Vel	;	2.69;	5000;occ;	84;	0;	46680

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1;	1080.9;	02-FEB-2011	19:04:21;	Dark	;	52.0;	65;	Lam Vel	;	2.20;	4400;occ;	104;	0;	46680
2;	1729.2;	02-FEB-2011	19:15:09;	Dark	;	58.5;	48;	30Alp Hya	;	1.98;	4100;occ;	117;	0;	46680
3;	1981.3;	02-FEB-2011	19:19:21;	Dark	;	53.0;	8;	10Alp CMi	;	0.40;	6500;occ;	106;	0;	46680
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
10;	4691.3;	02-FEB-2011	20:04:31;	Bright;		52.0;	127;	27Bet Her	;	2.78;	4700;occ;	104;	0;	46680
11;	4912.1;	02-FEB-2011	20:08:12;	Bright;		55.0;	126;	60Bet Oph	;	2.77;	4250;occ;	110;	0;	46680
12;	5305.0;	02-FEB-2011	20:14:45;	Dark	;	45.5;	86;	35Eta Oph	;	2.43;	10200;occ;	91;	0;	46680
13;	5568.3;	02-FEB-2011	20:19:08;	Dark	;	59.5;	16;	21Alp Sco	;	1.02;	3000;occ;	119;	0;	46680
14;	5657.3;	02-FEB-2011	20:20:37;	Dark	;	48.5;	158;	6Pi Sco	;	2.91;	28000;occ;	97;	0;	46680
15;	5917.5;	02-FEB-2011	20:24:57;	Dark	;	44.0;	131;	Gam Lup	;	2.80;	26000;occ;	88;	0;	46680
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
19;	6493.8;	02-FEB-2011	20:34:34;	Dark	;	42.0;	12;	Alp1Cru	;	0.77;	30000;occ;	84;	0;	46681
20;	6648.1;	02-FEB-2011	20:37:08;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	46681
21;	6837.9;	02-FEB-2011	20:40:18;	Dark	;	45.0;	113;	Mu Vel	;	2.69;	5000;occ;	90;	0;	46681

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1;	-707.4;	03-FEB-2011	01:15:28;	Dark	;	44.5;	86;	35Eta Oph	;	2.43;	10200;occ;	89;	0;	46683
2;	-443.4;	03-FEB-2011	01:19:52;	Dark	;	53.5;	16;	21Alp Sco	;	1.02;	3000;occ;	107;	0;	46683
3;	-353.8;	03-FEB-2011	01:21:22;	Dark	;	45.5;	158;	6Pi Sco	;	2.91;	28000;occ;	91;	0;	46683
4;	-94.2;	03-FEB-2011	01:25:42;	Dark	;	45.0;	131;	Gam Lup	;	2.80;	26000;occ;	90;	0;	46683
5;	42.4;	03-FEB-2011	01:27:58;	Dark	;	45.0;	109;	Bet Lup	;	2.68;	26000;occ;	90;	0;	46684
6;	207.4;	03-FEB-2011	01:30:43;	Dark	;	45.5;	4;	Alp1Cen	;	-0.01;	5800;occ;	91;	0;	46684
7;	280.5;	03-FEB-2011	01:31:56;	Dark	;	43.0;	10;	Bet Cen	;	0.61;	28000;occ;	86;	0;	46684
8;	481.3;	03-FEB-2011	01:35:17;	Dark	;	49.5;	12;	Alp1Cru	;	0.77;	30000;occ;	99;	0;	46684
9;	636.4;	03-FEB-2011	01:37:52;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	46684
10;	825.6;	03-FEB-2011	01:41:01;	Dark	;	49.0;	113;	Mu Vel	;	2.69;	5000;occ;	98;	0;	46684
11;	1082.3;	03-FEB-2011	01:45:18;	Dark	;	44.5;	65;	Lam Vel	;	2.20;	4400;occ;	89;	0;	46684
12;	1728.9;	03-FEB-2011	01:56:05;	Dark	;	57.5;	48;	30Alp Hya	;	1.98;	4100;occ;	115;	0;	46684
13;	2375.6;	03-FEB-2011	02:06:51;	Bright;		42.0;	17;	78Bet Gem	;	1.16;	4500;occ;	84;	0;	46684
14;	3244.9;	03-FEB-2011	02:21:21;	Bright;		44.0;	36;	50Alp UMa	;	1.80;	6300;occ;	88;	0;	46684
15;	3586.1;	03-FEB-2011	02:27:02;	Bright;		41.0;	60;	7Bet UMi	;	2.08;	3950;occ;	82;	0;	46684
16;	3870.3;	03-FEB-2011	02:31:46;	Bright;		41.5;	119;	14Eta Dra	;	2.73;	4700;occ;	83;	0;	46684
17;	4066.0;	03-FEB-2011	02:35:02;	Bright;		56.0;	130;	23Bet Dra	;	2.80;	5800;occ;	112;	0;	46684
18;	4469.4;	03-FEB-2011	02:41:45;	Bright;		44.0;	133;	40Zet Her	;	2.81;	6000;occ;	88;	0;	46684
19;	4692.8;	03-FEB-2011	02:45:29;	Bright;		69.0;	127;	27Bet Her	;	2.78;	4700;occ;	138;	0;	46684
20;	4913.5;	03-FEB-2011	02:49:09;	Bright;		55.0;	126;	60Bet Oph	;	2.77;	4250;occ;	110;	0;	46684
21;	5307.2;	03-FEB-2011	02:55:43;	Dark	;	43.5;	86;	35Eta Oph	;	2.43;	10200;occ;	87;	0;	46684
22;	5571.5;	03-FEB-2011	03:00:07;	Dark	;	53.5;	16;	21Alp Sco	;	1.02;	3000;occ;	107;	0;	46684
23;	5920.9;	03-FEB-2011	03:05:57;	Dark	;	44.5;	131;	Gam Lup	;	2.80;	26000;occ;	89;	0;	46684
24;	6057.4;	03-FEB-2011	03:08:13;	Dark	;	45.5;	109;	Bet Lup	;	2.68;	26000;occ;	91;	0;	46685



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25; 6222.0; 03-FEB-2011 03:10:58; Dark ; 42.5; 4; Alp1Cen ; -0.01; 5800;occ; 85; 0;46685
26; 6295.2; 03-FEB-2011 03:12:11; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;46685
27; 6495.9; 03-FEB-2011 03:15:32; Dark ; 42.5; 12; Alp1Cru ; 0.77; 30000;occ; 85; 0;46685
28; 6651.2; 03-FEB-2011 03:18:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46685
29; 6840.4; 03-FEB-2011 03:21:16; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;46685
30; 7096.7; 03-FEB-2011 03:25:32; Dark ; 48.5; 65; Lam Vel ; 2.20; 4400;occ; 97; 0;46685
31; 7742.9; 03-FEB-2011 03:36:19; Dark ; 56.5; 48; 30Alp Hya ; 1.98; 4100;occ; 113; 0;46685
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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5; -1320.9; 03-FEB-2011 04:25:43; Bright; 69.0; 127; 27Bet Her ; 2.78; 4700;occ; 138; 0;46685
6; -1100.2; 03-FEB-2011 04:29:24; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46685
7; -706.4; 03-FEB-2011 04:35:57; Dark ; 44.5; 86; 35Eta Oph ; 2.43; 10200;occ; 89; 0;46685
8; -442.0; 03-FEB-2011 04:40:22; Dark ; 54.0; 16; 21Alp Sco ; 1.02; 3000;occ; 108; 0;46685
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11; 44.4; 03-FEB-2011 04:48:28; Dark ; 45.5; 109; Bet Lup ; 2.68; 26000;occ; 91; 0;46686
12; 208.5; 03-FEB-2011 04:51:12; Dark ; 56.0; 4; Alp1Cen ; -0.01; 5800;occ; 112; 0;46686
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
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19; 2375.5; 03-FEB-2011 05:27:19; Bright; 41.0; 17; 78Bet Gem ; 1.16; 4500;occ; 82; 0;46686
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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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6; -705.7; 03-FEB-2011 06:16:12; Dark ; 44.5; 86; 35Eta Oph ; 2.43; 10200;occ; 89; 0;46686
7; -441.3; 03-FEB-2011 06:20:37; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;46686
8; -350.9; 03-FEB-2011 06:22:07; Dark ; 45.5; 158; 6Pi Sco ; 2.91; 28000;occ; 91; 0;46686
9; -91.4; 03-FEB-2011 06:26:27; Dark ; 44.5; 131; Gam Lup ; 2.80; 26000;occ; 89; 0;46686
10; 45.4; 03-FEB-2011 06:28:43; Dark ; 45.0; 109; Bet Lup ; 2.68; 26000;occ; 90; 0;46687
11; 209.1; 03-FEB-2011 06:31:27; Dark ; 56.0; 4; Alp1Cen ; -0.01; 5800;occ; 112; 0;46687
12; 282.5; 03-FEB-2011 06:32:40; Dark ; 50.0; 10; Bet Cen ; 0.61; 28000;occ; 100; 0;46687
13; 483.1; 03-FEB-2011 06:36:01; Dark ; 48.5; 12; Alp1Cru ; 0.77; 30000;occ; 97; 0;46687
14; 638.7; 03-FEB-2011 06:38:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46687
15; 827.6; 03-FEB-2011 06:41:46; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;46687
16; 1083.3; 03-FEB-2011 06:46:01; Dark ; 44.5; 65; Lam Vel ; 2.20; 4400;occ; 89; 0;46687
17; 1729.0; 03-FEB-2011 06:56:47; Dark ; 61.0; 48; 30Alp Hya ; 1.98; 4100;occ; 122; 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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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
8; 487.7; 03-FEB-2011 21:38:12; Dark ; 44.0; 12; Alp1Cru ; 0.77; 30000;occ; 88; 0;46696
9; 645.7; 03-FEB-2011 21:40:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46696
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19; 4697.2; 03-FEB-2011 22:48:21; Bright; 70.0; 127; 27Bet Her ; 2.78; 4700;occ; 140; 0;46696
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4; -82.9; 03-FEB-2011 23:08:55; Dark ; 43.0; 131; Gam Lup ; 2.80; 26000;occ; 86; 0;46696
5; 54.6; 03-FEB-2011 23:11:13; Dark ; 45.0; 109; Bet Lup ; 2.68; 26000;occ; 90; 0;46697
6; 214.6; 03-FEB-2011 23:13:53; Dark ; 49.5; 4; Alp1Cen ;-0.01; 5800;occ; 99; 0;46697
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13; 2374.2; 03-FEB-2011 23:49:52; Bright; 41.5; 17; 78Bet Gem ; 1.16; 4500;occ; 83; 0;46697
14; 3236.1; 04-FEB-2011 00:04:14; Bright; 43.5; 36; 50Alp UMa ; 1.80; 6300;occ; 87; 0;46697
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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
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11; 209.7; 03-FEB-2011 08:11:42; Dark ; 56.0; 4; Alp1Cen ;-0.01; 5800;occ; 112; 0;46688
12; 283.0; 03-FEB-2011 08:12:55; Dark ; 52.0; 10; Bet Cen ; 0.61; 28000;occ; 104; 0;46688
13; 483.7; 03-FEB-2011 08:16:16; Dark ; 47.0; 12; Alp1Cru ; 0.77; 30000;occ; 94; 0;46688
14; 639.5; 03-FEB-2011 08:18:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46688
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3; 3242.2; 03-FEB-2011 09:02:14; Bright; 45.5; 36; 50Alp UMa ; 1.80; 6300;occ; 91; 0;46688
4; 3585.1; 03-FEB-2011 09:07:57; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;46688
5; 3869.6; 03-FEB-2011 09:12:42; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;46688
6; 4066.0; 03-FEB-2011 09:15:58; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;46688
7; 4470.0; 03-FEB-2011 09:22:42; Bright; 43.0; 133; 40Zet Her ; 2.81; 6000;occ; 86; 0;46688
8; 4694.2; 03-FEB-2011 09:26:26; Bright; 49.5; 127; 27Bet Her ; 2.78; 4700;occ; 99; 0;46688
9; 4914.8; 03-FEB-2011 09:30:07; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46688
10; 5309.3; 03-FEB-2011 09:36:41; Dark ; 43.5; 86; 35Eta Oph ; 2.43; 10200;occ; 87; 0;46688

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 12; 5665.0; 03-FEB-2011 09:42:37; Dark ; 48.0; 158; 6Pi Sco ; 2.91; 28000;occ; 96; 0;46688  
 13; 5924.2; 03-FEB-2011 09:46:56; Dark ; 46.5; 131; Gam Lup ; 2.80; 26000;occ; 93; 0;46688  
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 16; 6297.6; 03-FEB-2011 09:53:10; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;46689  
 17; 6498.1; 03-FEB-2011 09:56:30; Dark ; 51.5; 12; Alp1Cru ; 0.77; 30000;occ; 103; 0;46689  
 18; 6654.2; 03-FEB-2011 09:59:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46689  
 19; 6842.6; 03-FEB-2011 10:02:15; Dark ; 43.0; 113; Mu Vel ; 2.69; 5000;occ; 86; 0;46689  
 20; 7097.9; 03-FEB-2011 10:06:30; Dark ; 51.0; 65; Lam Vel ; 2.20; 4400;occ; 102; 0;46689  
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 4; 3584.9; 03-FEB-2011 10:48:11; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;46689  
 5; 3869.2; 03-FEB-2011 10:52:55; Bright; 42.0; 119; 14Eta Dra ; 2.73; 4700;occ; 84; 0;46689  
 6; 4065.8; 03-FEB-2011 10:56:12; Bright; 38.5; 130; 23Bet Dra ; 2.80; 5800;occ; 77; 0;46689  
 7; 4470.0; 03-FEB-2011 11:02:56; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;46689  
 8; 4694.6; 03-FEB-2011 11:06:41; Bright; 69.0; 127; 27Bet Her ; 2.78; 4700;occ; 138; 0;46689  
 9; 4915.1; 03-FEB-2011 11:10:21; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46689  
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 17; 6498.5; 03-FEB-2011 11:36:44; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;46690  
 18; 6655.0; 03-FEB-2011 11:39:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46690  
 19; 6843.2; 03-FEB-2011 11:42:29; Dark ; 49.5; 113; Mu Vel ; 2.69; 5000;occ; 99; 0;46690  
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 18; 6655.8; 03-FEB-2011 13:19:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46691  
 19; 6843.8; 03-FEB-2011 13:22:44; Dark ; 42.5; 113; Mu Vel ; 2.69; 5000;occ; 85; 0;46691  
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 16; 6310.1; 04-FEB-2011 20:58:16; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;46710  
 17; 6509.1; 04-FEB-2011 21:01:35; Dark ; 42.0; 12; Alp1Cru ; 0.77; 30000;occ; 84; 0;46710  
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11; 299.3; 05-FEB-2011 05:19:29; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;46715
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13; 633.5; 05-FEB-2011 05:25:04; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;46715
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 9; 4713.4; 06-FEB-2011 20:58:26; Bright; 27.0; 127; 27Bet Her ; 2.78; 4700;occ; 54; 0;46738
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13; 3858.6; 06-FEB-2011 22:24:25; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;46739
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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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 7; 510.8; 06-FEB-2011 23:08:51; Dark ; 44.0; 12; Alp1Cru ; 0.77; 30000;occ; 88; 0;46740
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 12; 3208.8; 06-FEB-2011 23:53:49; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;46740  
 13; 3571.2; 06-FEB-2011 23:59:52; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;46740  
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9; 4935.7; 07-FEB-2011 08:43:46; Bright; 40.0; 126; 60Bet Oph ; 2.77; 4250;occ; 80; 0;46745

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 17; 6671.7; 07-FEB-2011 12:33:10; Dark ; 45.0; 99; Del Cen ; 2.58; 26000;occ; 90; 0;46748  
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8; 4806.8; 07-FEB-2011 15:22:33; Bright; 59.0; 59; 55Alp Oph ; 2.08; 8900;occ; 118; 0;46749
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3; 3155.1; 07-FEB-2011 18:15:30; Bright; 36.0; 82; 48Bet UMa ; 2.37; 10600;occ; 72; 0;46751
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5; 3855.8; 07-FEB-2011 18:27:10; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46751
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4; 3849.3; 09-FEB-2011 17:13:36; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;46779
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8; 4817.6; 09-FEB-2011 17:29:44; Bright; 60.0; 59; 55Alp Oph ; 2.08; 8900;occ; 120; 0;46779
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9; 879.9; 10-FEB-2011 02:25:31; Dark ; 43.0; 113; Mu Vel ; 2.69; 5000;occ; 86; 0;46785
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12; 3129.2; 10-FEB-2011 03:03:00; Bright; 48.0; 82; 48Bet UMa ; 2.37; 10600;occ; 96; 0;46785
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9; 13.6; 11-FEB-2011 06:35:03; Dark ; 46.5; 131; Gam Lup ; 2.80; 26000;occ; 93; 0;46802
10; 217.4; 11-FEB-2011 06:38:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46802
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6; 4058.7; 11-FEB-2011 16:03:37; Bright; 40.5; 130; 23Bet Dra ; 2.80; 5800;occ; 81; 0;46807
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12; 3098.4; 13-FEB-2011 02:52:31; Bright; 45.5; 82; 48Bet UMa ; 2.37; 10600;occ; 91; 0;46828
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7; -611.4; 13-FEB-2011 03:30:55; Dark ; 48.5; 86; 35Eta Oph ; 2.43; 10200;occ; 97; 0;46828
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11; 40.5; 13-FEB-2011 03:41:47; Dark ; 45.5; 131; Gam Lup ; 2.80; 26000;occ; 91; 0;46829
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13; 369.3; 13-FEB-2011 03:47:16; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;46829
14; 556.4; 13-FEB-2011 03:50:23; Dark ; 52.0; 12; Alp1Cru ; 0.77; 30000;occ; 104; 0;46829

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 9; -190.2; 13-FEB-2011 05:18:11; Dark ; 54.0; 158; 6Pi Sco ; 2.91; 28000;occ; 108; 0;46829
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11; 238.6; 13-FEB-2011 05:25:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46830
12; 369.8; 13-FEB-2011 05:27:31; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;46830
13; 556.8; 13-FEB-2011 05:30:38; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;46830
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 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
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 3; 3544.9; 13-FEB-2011 09:40:54; Bright; 42.5; 60; 7Bet UMi ; 2.08; 3950;occ; 85; 0;46832
 4; 3835.1; 13-FEB-2011 09:45:44; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46832
 5; 4056.3; 13-FEB-2011 09:49:25; Bright; 40.0; 130; 23Bet Dra ; 2.80; 5800;occ; 80; 0;46832
 6; 4305.3; 13-FEB-2011 09:53:34; Bright; 39.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 78; 0;46832
 7; 4839.1; 13-FEB-2011 10:02:28; Bright; 44.5; 59; 55Alp Oph ; 2.08; 8900;occ; 89; 0;46832

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 8; 4974.6; 13-FEB-2011 11:44:58; Bright; 45.5; 126; 60Bet Oph ; 2.77; 4250;occ; 91; 0;46833  
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 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  
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 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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9; 72.3; 15-FEB-2011 07:29:34; Dark ; 47.0; 131; Gam Lup ; 2.80; 26000;occ; 94; 0;46860  
10; 261.6; 15-FEB-2011 07:32:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46860  
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  
13; 571.8; 15-FEB-2011 07:37:53; Dark ; 40.5; 12; Alp1Cru ; 0.77; 30000;occ; 81; 0;46860  
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3; 3076.4; 15-FEB-2011 08:19:38; Bright; 50.0; 82; 48Bet UMa ; 2.37; 10600;occ; 100; 0;46860  
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  
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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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16; 6484.1; 15-FEB-2011 09:16:25; Dark ; 45.0; 77; Eps Cen ; 2.30; 28000;occ; 90; 0;46861  
17; 6586.4; 15-FEB-2011 09:18:08; Dark ; 51.0; 12; Alp1Cru ; 0.77; 30000;occ; 102; 0;46861  
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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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9; 4988.6; 15-FEB-2011 10:31:44; Dark ; 51.0; 126; 60Bet Oph ; 2.77; 4250;occ; 102; 0;46861  
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11; 5733.5; 15-FEB-2011 10:44:09; Dark ; 58.5; 16; 21Alp Sco ; 1.02; 3000;occ; 117; 0;46861  
12; 5866.6; 15-FEB-2011 10:46:22; Dark ; 54.0; 158; 6Pi Sco ; 2.91; 28000;occ; 108; 0;46861  
13; 6088.4; 15-FEB-2011 10:50:04; Dark ; 46.5; 131; Gam Lup ; 2.80; 26000;occ; 93; 0;46862  
14; 6277.1; 15-FEB-2011 10:53:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46862  
15; 6403.3; 15-FEB-2011 10:55:18; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;46862  
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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18; 6686.2; 15-FEB-2011 11:00:01; Dark ; 48.5; 64; Gam Cen ; 2.20; 10600;occ; 97; 0;46862  
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4; 3535.6; 15-FEB-2011 13:27:59; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;46863  
5; 3825.6; 15-FEB-2011 13:32:49; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46863  
6; 4052.5; 15-FEB-2011 13:36:36; Bright; 42.0; 130; 23Bet Dra ; 2.80; 5800;occ; 84; 0;46863  
7; 4308.2; 15-FEB-2011 13:40:51; Bright; 41.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 83; 0;46863  
8; 4853.2; 15-FEB-2011 13:49:56; Bright; 48.5; 59; 55Alp Oph ; 2.08; 8900;occ; 97; 0;46863  
9; 4989.9; 15-FEB-2011 13:52:13; Dark ; 52.0; 126; 60Bet Oph ; 2.77; 4250;occ; 104; 0;46863  
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13; 6090.4; 15-FEB-2011 14:10:33; Dark ; 47.0; 131; Gam Lup ; 2.80; 26000;occ; 94; 0;46864  
14; 6278.6; 15-FEB-2011 14:13:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46864  
15; 6404.8; 15-FEB-2011 14:15:48; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;46864  
16; 6486.5; 15-FEB-2011 14:17:10; Dark ; 43.5; 77; Eps Cen ; 2.30; 28000;occ; 87; 0;46864  
17; 6587.7; 15-FEB-2011 14:18:51; Dark ; 41.0; 12; Alp1Cru ; 0.77; 30000;occ; 82; 0;46864

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2; 2366.7; 15-FEB-2011 14:48:44; Bright; 43.5; 166; 17Eps Leo ; 2.98; 6000;occ; 87; 0;46864
3; 3073.9; 15-FEB-2011 15:00:31; Bright; 45.0; 82; 48Bet UMa ; 2.37; 10600;occ; 90; 0;46864
4; 3535.4; 15-FEB-2011 15:08:12; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;46864
5; 3825.3; 15-FEB-2011 15:13:02; Bright; 44.0; 119; 14Eta Dra ; 2.73; 4700;occ; 88; 0;46864
6; 4052.7; 15-FEB-2011 15:16:50; Bright; 41.5; 130; 23Bet Dra ; 2.80; 5800;occ; 83; 0;46864
7; 4308.2; 15-FEB-2011 15:21:05; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;46864
8; 4853.7; 15-FEB-2011 15:30:11; Bright; 57.5; 59; 55Alp Oph ; 2.08; 8900;occ; 115; 0;46864
9; 4990.5; 15-FEB-2011 15:32:28; Dark ; 51.0; 126; 60Bet Oph ; 2.77; 4250;occ; 102; 0;46864
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11; 5736.8; 15-FEB-2011 15:44:54; Dark ; 56.0; 16; 21Alp Sco ; 1.02; 3000;occ; 112; 0;46864
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13; 6091.5; 15-FEB-2011 15:50:49; Dark ; 47.5; 131; Gam Lup ; 2.80; 26000;occ; 95; 0;46865
14; 6279.5; 15-FEB-2011 15:53:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46865
15; 6405.4; 15-FEB-2011 15:56:02; Dark ; 45.0; 10; Bet Cen ; 0.61; 28000;occ; 90; 0;46865
16; 6487.3; 15-FEB-2011 15:57:24; Dark ; 44.5; 77; Eps Cen ; 2.30; 28000;occ; 89; 0;46865
17; 6588.2; 15-FEB-2011 15:59:05; Dark ; 43.0; 12; Alp1Cru ; 0.77; 30000;occ; 86; 0;46865
18; 6688.6; 15-FEB-2011 16:00:46; Dark ; 46.5; 64; Gam Cen ; 2.20; 10600;occ; 93; 0;46865
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3; 3073.1; 15-FEB-2011 16:40:44; Bright; 45.5; 82; 48Bet UMa ; 2.37; 10600;occ; 91; 0;46865
4; 3535.0; 15-FEB-2011 16:48:26; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;46865
5; 3824.9; 15-FEB-2011 16:53:16; Bright; 43.5; 119; 14Eta Dra ; 2.73; 4700;occ; 87; 0;46865
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17; 6575.1; 15-FEB-2011 17:39:06; Dark ; 52.0; 20; Bet Cru ; 1.25; 30000;occ; 104; 0;46866
18; 6649.4; 15-FEB-2011 17:40:21; Dark ; 41.0; 129; Del Cru ; 2.79; 26000;occ; 82; 0;46866
19; 6753.0; 15-FEB-2011 17:42:04; Dark ; 44.5; 99; Del Cen ; 2.58; 26000;occ; 89; 0;46866
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4; 3072.3; 15-FEB-2011 18:20:58; Bright; 59.5; 82; 48Bet UMa ; 2.37; 10600;occ; 119; 0;46866
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13; 5873.1; 15-FEB-2011 19:07:38; Dark ; 39.0; 158; 6Pi Sco ; 2.91; 28000;occ; 78; 0;46866
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15; 6281.0; 15-FEB-2011 19:14:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46867
16; 6406.4; 15-FEB-2011 19:16:32; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;46867
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18; 6575.6; 15-FEB-2011 19:19:21; Dark ; 41.5; 20; Bet Cru ; 1.25; 30000;occ; 83; 0;46867
19; 6649.9; 15-FEB-2011 19:20:35; Dark ; 40.5; 129; Del Cru ; 2.79; 26000;occ; 81; 0;46867
20; 6753.8; 15-FEB-2011 19:22:19; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;46867
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6; 476.7; 16-FEB-2011 00:18:38; Dark ; 44.0; 77; Eps Cen ; 2.30; 28000;occ; 88; 0;46870
7; 563.2; 16-FEB-2011 00:20:04; Dark ; 43.0; 20; Bet Cru ; 1.25; 30000;occ; 86; 0;46870
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9; 741.6; 16-FEB-2011 00:23:03; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;46870
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8; 638.0; 16-FEB-2011 02:01:33; Dark ; 40.5; 129; Del Cru ; 2.79; 26000;occ; 81; 0;46871
9; 742.2; 16-FEB-2011 02:03:17; Dark ; 43.0; 99; Del Cen ; 2.58; 26000;occ; 86; 0;46871
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13; 2363.2; 16-FEB-2011 02:30:18; Bright; 45.5; 166; 17Eps Leo ; 2.98; 6000;occ; 91; 0;46871
14; 3068.9; 16-FEB-2011 02:42:04; Bright; 45.5; 82; 48Bet UMa ; 2.37; 10600;occ; 91; 0;46871
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21; 3068.4; 16-FEB-2011 04:22:18; Bright; 45.5; 82; 48Bet UMa ; 2.37; 10600;occ; 91; 0;46872
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9; 271.6; 16-FEB-2011 05:15:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46873
10; 396.2; 16-FEB-2011 05:17:59; Dark ; 50.0; 10; Bet Cen ; 0.61; 28000;occ; 100; 0;46873

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 19; 3067.9; 16-FEB-2011 06:02:31; Bright; 43.5; 82; 48Bet UMa ; 2.37; 10600;occ; 87; 0;46873  
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 4; 2358.7; 16-FEB-2011 20:52:48; Bright; 47.0; 166; 17Eps Leo ; 2.98; 6000;occ; 94; 0;46882  
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 8; 4050.1; 16-FEB-2011 21:20:59; Bright; 42.5; 130; 23Bet Dra ; 2.80; 5800;occ; 85; 0;46882  
 9; 4309.6; 16-FEB-2011 21:25:19; Bright; 37.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 74; 0;46882  
 10; 4862.3; 16-FEB-2011 21:34:32; Bright; 50.0; 59; 55Alp Oph ; 2.08; 8900;occ; 100; 0;46882  
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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  
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 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  
 18; 4863.2; 17-FEB-2011 00:55:00; Bright; 49.5; 59; 55Alp Oph ; 2.08; 8900;occ; 99; 0;46884  
 19; 5001.2; 17-FEB-2011 00:57:18; Dark ; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46884

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 13; 639.8; 16-FEB-2011 07:02:17; Dark ; 40.5; 129; Del Cru ; 2.79; 26000;occ; 81; 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  
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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  
 34; 7747.6; 22-FEB-2011 03:40:07; Dark ; 50.5; 48; 30Alp Hya ; 1.98; 4100;occ; 101; 0;46958  
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 5; 3504.4; 22-FEB-2011 09:10:20; Bright; 43.0; 60; 7Bet UMi ; 2.08; 3950;occ; 86; 0;46961  
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 19; 6560.5; 22-FEB-2011 10:01:16; Dark ; 44.0; 77; Eps Cen ; 2.30; 28000;occ; 88; 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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12; 5476.2; 24-FEB-2011 13:30:26; Dark ; 46.5; 137; 22Lam Sgr ; 2.82; 4400;occ; 93; 0;46992
13; 5619.7; 24-FEB-2011 13:32:50; Dark ; 46.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 93; 0;46992
14; 5776.0; 24-FEB-2011 13:35:26; Dark ; 44.5; 25; 35Lam Sco ; 1.62; 28000;occ; 89; 0;46992
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13; 5620.4; 24-FEB-2011 15:13:04; Dark ; 41.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 82; 0;46993
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17; 6404.5; 24-FEB-2011 15:26:08; Dark ; 47.0; 4; Alp1Cen ;-0.01; 5800;occ; 94; 0;46994
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13; 5620.9; 24-FEB-2011 16:53:19; Dark ; 44.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 89; 0;46994
14; 5777.6; 24-FEB-2011 16:55:55; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;46994
15; 5956.2; 24-FEB-2011 16:58:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46994
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 7; 3778.6; 24-FEB-2011 18:02:50; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 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
10; 4757.0; 24-FEB-2011 18:19:09; Bright; 36.0; 168; 17Zet Aql ; 2.99; 11000;occ; 72; 0;46995
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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 31; 8334.6; 25-FEB-2011 03:39:56; Bright; 38.5; 166; 17Eps Leo ; 2.98; 6000;occ; 77; 0;47001  
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 33; 9005.8; 25-FEB-2011 03:51:08; Bright; 42.5; 82; 48Bet UMa ; 2.37; 10600;occ; 85; 0;47001  
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 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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