

# GOMOS Daily Report 11-AUG-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	14AUG2011 07:05:41
Data source version	GOMOS/6.01
Start time of products	11AUG2011 00:01:48
Stop time of products	11AUG2011 23:58:42
Store outputs in DB	Yes
Nb of level 1b prods	300
Nb of prods with errors	2

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

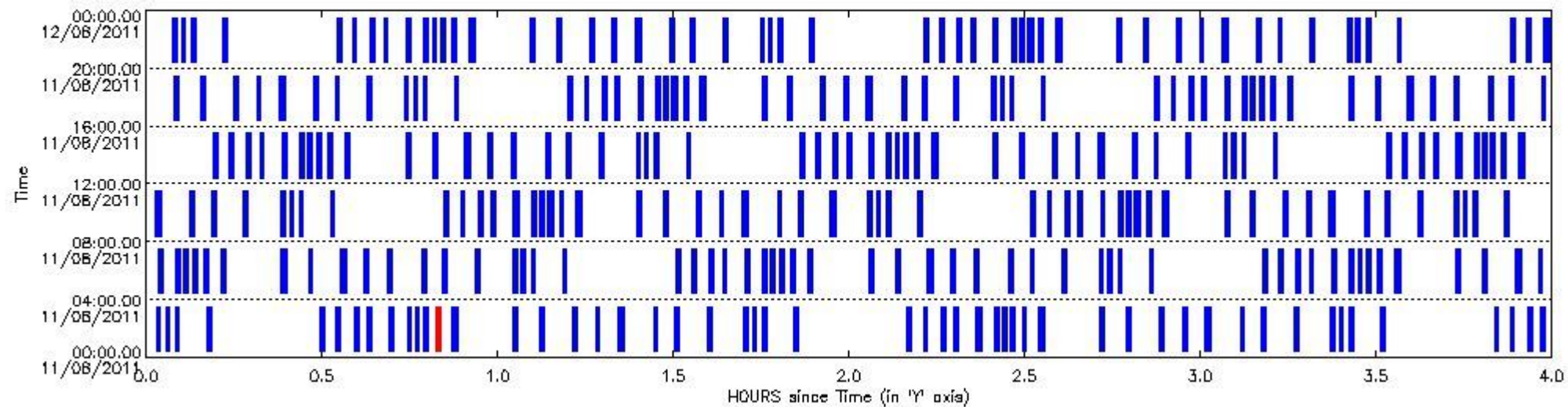
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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
11-AUG-2011 00:49:23	11AlpLep	101	49398

### 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_1PNPDE20110811_000148_000000373105_00246_49398_3436.N1	11-AUG-2011 00:01:48	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	49398	No
2	GOM_TRA_1PNPDE20110811_000317_000000363105_00246_49398_3437.N1	11-AUG-2011 00:03:17	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	49398	No
3	GOM_TRA_1PNPDE20110811_000459_000000403105_00246_49398_3438.N1	11-AUG-2011 00:04:59	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49398	No
4	GOM_TRA_1PNPDE20110811_001022_000000393105_00246_49398_3439.N1	11-AUG-2011 00:10:22	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49398	No
5	GOM_TRA_1PNPDE20110811_002941_000000473105_00246_49398_3440.N1	11-AUG-2011 00:29:41	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49398	No
6	GOM_TRA_1PNPDE20110811_003226_000000373105_00246_49398_3441.N1	11-AUG-2011 00:32:26	Bright	36.500	107	37The Aur	2.6490	11000.	73	49398	No
7	GOM_TRA_1PNPDE20110811_003524_000000513105_00246_49398_3442.N1	11-AUG-2011 00:35:24	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	49398	No
8	GOM_TRA_1PNPDE20110811_003739_000000433105_00246_49398_3443.N1	11-AUG-2011 00:37:39	Twilight	42.500	176	23Zet Tau	3.0200	22000.	85	49398	No
9	GOM_TRA_1PNPDE20110811_004129_000000513105_00246_49398_3444.N1	11-AUG-2011 00:41:29	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	49398	No
10	GOM_TRA_1PNPDE20110811_004431_000000433105_00246_49398_3445.N1	11-AUG-2011 00:44:31	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	49398	No

11	GOM_TRA_1PNPDE20110811_004554_000000433105_00246_49398_3446.N1	11-AUG-2011 00:45:54	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	49398	No
12	GOM_TRA_1PNPDE20110811_004719_000000533105_00246_49398_3447.N1	11-AUG-2011 00:47:19	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49398	No
13	GOM_TRA_1PNPDE20110811_010233_000000513105_00247_49399_3459.N1	11-AUG-2011 01:02:33	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49399	No
14	GOM_TRA_1PNPDE20110811_010708_000000483105_00247_49399_3460.N1	11-AUG-2011 01:07:08	Dark	48.000	9	Alp Eri	0.45300	24000.	96	49399	No
15	GOM_TRA_1PNPDE20110811_011239_000000533105_00247_49399_3461.N1	11-AUG-2011 01:12:39	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49399	No
16	GOM_TRA_1PNPDE20110811_011642_000000433105_00247_49399_3462.N1	11-AUG-2011 01:16:42	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49399	No
17	GOM_TRA_1PNPDE20110811_012033_000000573105_00247_49399_3463.N1	11-AUG-2011 01:20:33	Tw_i_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	49399	No
18	GOM_TRA_1PNPDE20110811_012633_000000463105_00247_49399_3464.N1	11-AUG-2011 01:26:33	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49399	No
19	GOM_TRA_1PNPDE20110811_013010_000000463105_00247_49399_3465.N1	11-AUG-2011 01:30:10	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	49399	No
20	GOM_TRA_1PNPDE20110811_013541_000000503105_00247_49399_3466.N1	11-AUG-2011 01:35:41	Bright	49.500	61	8Eps Peg	2.1000	3900.0	99	49399	No
21	GOM_TRA_1PNPDE20110811_014201_000000413105_00247_49399_3467.N1	11-AUG-2011 01:42:01	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49399	No
22	GOM_TRA_1PNPDE20110811_014331_000000393105_00247_49399_3468.N1	11-AUG-2011 01:43:31	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49399	No
23	GOM_TRA_1PNPDE20110811_014513_000000403105_00247_49399_3469.N1	11-AUG-2011 01:45:13	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49399	No
24	GOM_TRA_1PNPDE20110811_015036_000000403105_00247_49399_3470.N1	11-AUG-2011 01:50:36	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49399	No
25	GOM_TRA_1PNPDE20110811_020955_000000473105_00247_49399_3471.N1	11-AUG-2011 02:09:55	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	49399	No
26	GOM_TRA_1PNPDE20110811_021240_000000373105_00247_49399_3472.N1	11-AUG-2011 02:12:40	Bright	36.500	107	37The Aur	2.6490	11000.	73	49399	No
27	GOM_TRA_1PNPDE20110811_021538_000000493105_00247_49399_3473.N1	11-AUG-2011 02:15:38	Tw_i_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	49399	No
28	GOM_TRA_1PNPDE20110811_021753_000000453105_00247_49399_3474.N1	11-AUG-2011 02:17:53	Tw_i_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	49399	No
29	GOM_TRA_1PNPDE20110811_022144_000000513105_00247_49399_3475.N1	11-AUG-2011 02:21:44	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	49399	No
30	GOM_TRA_1PNPDE20110811_022445_000000493105_00247_49399_3476.N1	11-AUG-2011 02:24:45	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49399	No
31	GOM_TRA_1PNPDE20110811_022608_000000433105_00247_49399_3479.N1	11-AUG-2011 02:26:08	Dark	42.500	125	44Iot Ori	2.7700	30000.	85	49399	No
32	GOM_TRA_1PNPDE20110811_022733_000000533105_00247_49399_3480.N1	11-AUG-2011 02:27:33	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49399	No
33	GOM_TRA_1PNPDE20110811_022932_000000453105_00247_49399_3481.N1	11-AUG-2011 02:29:32	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49399	No
34	GOM_TRA_1PNPDE20110811_024248_000000503105_00248_49400_3482.N1	11-AUG-2011 02:42:48	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49400	No
35	GOM_TRA_1PNPDE20110811_024722_000000453105_00248_49400_3483.N1	11-AUG-2011 02:47:22	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49400	No
36	GOM_TRA_1PNPDE20110811_025253_000000553105_00248_49400_3484.N1	11-AUG-2011 02:52:53	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49400	No
37	GOM_TRA_1PNPDE20110811_025656_000000493105_00248_49400_3485.N1	11-AUG-2011 02:56:56	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	49400	No
38	GOM_TRA_1PNPDE20110811_030048_000000603105_00248_49400_3486.N1	11-AUG-2011 03:00:48	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	49400	No
39	GOM_TRA_1PNPDE20110811_030647_000000463105_00248_49400_3487.N1	11-AUG-2011 03:06:47	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49400	No
40	GOM_TRA_1PNPDE20110811_031024_000000453105_00248_49400_3488.N1	11-AUG-2011 03:10:24	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49400	No
41	GOM_TRA_1PNPDE20110811_031555_000000473105_00248_49400_3489.N1	11-AUG-2011 03:15:55	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49400	No
42	GOM_TRA_1PNPDE20110811_032215_000000403105_00248_49400_3490.N1	11-AUG-2011 03:22:15	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49400	No
43	GOM_TRA_1PNPDE20110811_032345_000000393105_00248_49400_3491.N1	11-AUG-2011 03:23:45	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49400	No
44	GOM_TRA_1PNPDE20110811_032526_000000383105_00248_49400_3492.N1	11-AUG-2011 03:25:26	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49400	No
45	GOM_TRA_1PNPDE20110811_033049_000000373105_00248_49400_3493.N1	11-AUG-2011 03:30:49	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49400	No
46	GOM_TRA_1PNPDE20110811_035009_000000483105_00248_49400_3526.N1	11-AUG-2011 03:50:09	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	49400	No
47	GOM_TRA_1PNPDE20110811_035254_000000413105_00248_49400_3527.N1	11-AUG-2011 03:52:54	Bright	41.000	107	37The Aur	2.6490	11000.	82	49400	No
48	GOM_TRA_1PNPDE20110811_035552_000000503105_00248_49400_3528.N1	11-AUG-2011 03:55:52	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49400	No
49	GOM_TRA_1PNPDE20110811_035807_000000463105_00248_49400_3529.N1	11-AUG-2011 03:58:07	Tw_i_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49400	No
50	GOM_TRA_1PNPDE20110811_040158_000000503105_00248_49400_3530.N1	11-AUG-2011 04:01:58	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	49400	No
51	GOM_TRA_1PNPDE20110811_040500_000000423105_00248_49400_3531.N1	11-AUG-2011 04:05:00	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	49400	No
52	GOM_TRA_1PNPDE20110811_040623_000000423105_00248_49400_3532.N1	11-AUG-2011 04:06:23	Dark	41.500	125	44Iot Ori	2.7700	30000.	83	49400	No
53	GOM_TRA_1PNPDE20110811_040748_000000523105_00248_49400_3533.N1	11-AUG-2011 04:07:48	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	49400	No
54	GOM_TRA_1PNPDE20110811_040946_000000453105_00248_49400_3534.N1	11-AUG-2011 04:09:46	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49400	No
55	GOM_TRA_1PNPDE20110811_042303_000000513105_00249_49401_3535.N1	11-AUG-2011 04:23:03	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49401	No
56	GOM_TRA_1PNPDE20110811_042737_000000443105_00249_49401_3536.N1	11-AUG-2011 04:27:37	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49401	No
57	GOM_TRA_1PNPDE20110811_043308_000000573105_00249_49401_3537.N1	11-AUG-2011 04:33:08	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49401	No
58	GOM_TRA_1PNPDE20110811_043711_000000423105_00249_49401_3538.N1	11-AUG-2011 04:37:11	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49401	No
59	GOM_TRA_1PNPDE20110811_044102_000000583105_00249_49401_3539.N1	11-AUG-2011 04:41:02	Tw_i_and_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	49401	No
60	GOM_TRA_1PNPDE20110811_044701_000000463105_00249_49401_3540.N1	11-AUG-2011 04:47:01	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	49401	No
61	GOM_TRA_1PNPDE20110811_045038_000000453105_00249_49401_3541.N1	11-AUG-2011 04:50:38	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49401	No
62	GOM_TRA_1PNPDE20110811_045608_000000473105_00249_49401_3542.N1	11-AUG-2011 04:56:08	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49401	No
63	GOM_TRA_1PNPDE20110811_050229_000000583105_00249_49401_3543.N1	11-AUG-2011 05:02:29	Bright	58.000	92	53Eps Cyg	2.5000	4500.0	116	49401	No
64	GOM_TRA_1PNPDE20110811_050358_000000403105_00249_49401_3544.N1	11-AUG-2011 05:03:58	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	49401	No
65	GOM_TRA_1PNPDE20110811_050540_000000403105_00249_49401_3545.N1	11-AUG-2011 05:05:40	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49401	No
66	GOM_TRA_1PNPDE20110811_051103_000000363105_00249_49401_3546.N1	11-AUG-2011 05:11:03	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	49401	No
67	GOM_TRA_1PNPDE20110811_053023_000000463105_00249_49401_3575.N1	11-AUG-2011 05:30:23	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49401	No
68	GOM_TRA_1PNPDE20110811_053308_000000493105_00249_49401_3576.N1	11-AUG-2011 05:33:08	Bright	49.000	107	37The Aur	2.6490	11000.	98	49401	No
69	GOM_TRA_1PNPDE20110811_053606_000000513105_00249_49401_3577.N1	11-AUG-2011 05:36:06	Tw_i_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	49401	No



70	GOM_TRA_1PNPDE20110811_053822_000000453105_00249_49401_3578.N1	11-AUG-2011 05:38:22	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	49401	No
71	GOM_TRA_1PNPDE20110811_054212_000000463105_00249_49401_3579.N1	11-AUG-2011 05:42:12	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	49401	No
72	GOM_TRA_1PNPDE20110811_054514_000000473105_00249_49401_3580.N1	11-AUG-2011 05:45:14	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49401	No
73	GOM_TRA_1PNPDE20110811_054637_000000443105_00249_49401_3581.N1	11-AUG-2011 05:46:37	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	49401	No
74	GOM_TRA_1PNPDE20110811_054802_000000533105_00249_49401_3582.N1	11-AUG-2011 05:48:02	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49401	No
75	GOM_TRA_1PNPDE20110811_055001_000000473105_00249_49401_3583.N1	11-AUG-2011 05:50:01	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	49401	No
76	GOM_TRA_1PNPDE20110811_060318_000000513105_00250_49402_3584.N1	11-AUG-2011 06:03:18	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49402	No
77	GOM_TRA_1PNPDE20110811_060752_000000533105_00250_49402_3585.N1	11-AUG-2011 06:07:52	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49402	No
78	GOM_TRA_1PNPDE20110811_061323_000000553105_00250_49402_3586.N1	11-AUG-2011 06:13:23	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49402	No
79	GOM_TRA_1PNPDE20110811_061725_000000453105_00250_49402_3587.N1	11-AUG-2011 06:17:25	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49402	No
80	GOM_TRA_1PNPDE20110811_062117_000000593105_00250_49402_3588.N1	11-AUG-2011 06:21:17	Twilight	58.500	18	24Alp PsA	1.1660	9700.0	117	49402	No
81	GOM_TRA_1PNPDE20110811_062716_000000473105_00250_49402_3589.N1	11-AUG-2011 06:27:16	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	49402	No
82	GOM_TRA_1PNPDE20110811_063051_000000453105_00250_49402_3590.N1	11-AUG-2011 06:30:51	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49402	No
83	GOM_TRA_1PNPDE20110811_063622_000000483105_00250_49402_3591.N1	11-AUG-2011 06:36:22	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	49402	No
84	GOM_TRA_1PNPDE20110811_064243_000000413105_00250_49402_3592.N1	11-AUG-2011 06:42:43	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49402	No
85	GOM_TRA_1PNPDE20110811_064412_000000393105_00250_49402_3593.N1	11-AUG-2011 06:44:12	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49402	No
86	GOM_TRA_1PNPDE20110811_064554_000000403105_00250_49402_3594.N1	11-AUG-2011 06:45:54	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49402	No
87	GOM_TRA_1PNPDE20110811_065117_000000393105_00250_49402_3595.N1	11-AUG-2011 06:51:17	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49402	No
88	GOM_TRA_1PNPDK20110811_071037_000000463105_00250_49402_8969.N1	11-AUG-2011 07:10:37	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	49402	No
89	GOM_TRA_1PNPDK20110811_071322_000000393105_00250_49402_8970.N1	11-AUG-2011 07:13:22	Bright	38.500	107	37The Aur	2.6490	11000.	77	49402	No
90	GOM_TRA_1PNPDK20110811_071620_000000503105_00250_49402_8971.N1	11-AUG-2011 07:16:20	Twilight	49.500	28	12Bet Tau	1.6500	15200.	99	49402	No
91	GOM_TRA_1PNPDK20110811_071836_000000413105_00250_49402_8972.N1	11-AUG-2011 07:18:36	Twilight	41.000	176	23Zet Tau	3.0200	22000.	82	49402	No
92	GOM_TRA_1PNPDK20110811_072227_000000513105_00250_49402_8973.N1	11-AUG-2011 07:22:27	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	49402	No
93	GOM_TRA_1PNPDK20110811_072529_000000473105_00250_49402_8974.N1	11-AUG-2011 07:25:29	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49402	No
94	GOM_TRA_1PNPDK20110811_072652_000000443105_00250_49402_8975.N1	11-AUG-2011 07:26:52	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	49402	No
95	GOM_TRA_1PNPDK20110811_072817_000000553105_00250_49402_8976.N1	11-AUG-2011 07:28:17	Dark	55.000	7	19Bet Ori	0.10000	14000.	110	49402	No
96	GOM_TRA_1PNPDK20110811_073015_000000463105_00250_49402_8977.N1	11-AUG-2011 07:30:15	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49402	No
97	GOM_TRA_1PNPDK20110811_074333_000000503105_00251_49403_8978.N1	11-AUG-2011 07:43:33	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49403	No
98	GOM_TRA_1PNPDK20110811_074806_000000463105_00251_49403_8979.N1	11-AUG-2011 07:48:06	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49403	No
99	GOM_TRA_1PNPDK20110811_075338_000000653105_00251_49403_8980.N1	11-AUG-2011 07:53:38	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	49403	No
100	GOM_TRA_1PNPDK20110811_075740_000000463105_00251_49403_8981.N1	11-AUG-2011 07:57:40	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49403	No
101	GOM_TRA_1PNPDK20110811_080131_000000583105_00251_49403_8982.N1	11-AUG-2011 08:01:31	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	49403	No
102	GOM_TRA_1PNPDK20110811_080730_000000453105_00251_49403_8983.N1	11-AUG-2011 08:07:30	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	49403	No
103	GOM_TRA_1PNPDK20110811_081106_000000453105_00251_49403_9012.N1	11-AUG-2011 08:11:06	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49403	No
104	GOM_TRA_1PNPDK20110811_081635_000000473105_00251_49403_9013.N1	11-AUG-2011 08:16:35	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49403	No
105	GOM_TRA_1PNPDK20110811_082256_000000413105_00251_49403_9014.N1	11-AUG-2011 08:22:56	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	49403	No
106	GOM_TRA_1PNPDK20110811_082426_000000403105_00251_49403_9015.N1	11-AUG-2011 08:24:26	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	49403	No
107	GOM_TRA_1PNPDK20110811_082608_000000403105_00251_49403_9016.N1	11-AUG-2011 08:26:08	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49403	No
108	GOM_TRA_1PNPDK20110811_083130_000000393105_00251_49403_9017.N1	11-AUG-2011 08:31:30	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49403	No
109	GOM_TRA_1PNPDK20110811_085051_000000463105_00251_49403_9018.N1	11-AUG-2011 08:50:51	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49403	No
110	GOM_TRA_1PNPDK20110811_085336_000000393105_00251_49403_9019.N1	11-AUG-2011 08:53:36	Bright	39.000	107	37The Aur	2.6490	11000.	78	49403	No
111	GOM_TRA_1PNPDK20110811_085635_000000493105_00251_49403_9020.N1	11-AUG-2011 08:56:35	Twilight	49.000	28	12Bet Tau	1.6500	15200.	98	49403	No
112	GOM_TRA_1PNPDK20110811_085850_000000443105_00251_49403_9021.N1	11-AUG-2011 08:58:50	Twilight	44.000	176	23Zet Tau	3.0200	22000.	88	49403	No
113	GOM_TRA_1PNPDK20110811_090241_000000573105_00251_49403_9022.N1	11-AUG-2011 09:02:41	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	49403	No
114	GOM_TRA_1PNPDK20110811_090543_000000473105_00251_49403_9023.N1	11-AUG-2011 09:05:43	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49403	No
115	GOM_TRA_1PNPDK20110811_090706_000000453105_00251_49403_9024.N1	11-AUG-2011 09:07:06	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49403	No
116	GOM_TRA_1PNPDK20110811_090832_000000533105_00251_49403_9025.N1	11-AUG-2011 09:08:32	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49403	No
117	GOM_TRA_1PNPDK20110811_091030_000000463105_00251_49403_9026.N1	11-AUG-2011 09:10:30	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49403	No
118	GOM_TRA_1PNPDK20110811_092348_000000503105_00252_49404_9027.N1	11-AUG-2011 09:23:48	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49404	No
119	GOM_TRA_1PNPDK20110811_092821_000000433105_00252_49404_9028.N1	11-AUG-2011 09:28:21	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49404	No
120	GOM_TRA_1PNPDK20110811_093353_000000573105_00252_49404_9029.N1	11-AUG-2011 09:33:53	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	49404	No
121	GOM_TRA_1PNPDK20110811_093754_000000423105_00252_49404_9030.N1	11-AUG-2011 09:37:54	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49404	No
122	GOM_TRA_1PNPDK20110811_094146_000000593105_00252_49404_9031.N1	11-AUG-2011 09:41:46	Twilight	58.500	18	24Alp PsA	1.1660	9700.0	117	49404	No
123	GOM_TRA_1PNPDK20110811_094744_000000463105_00252_49404_9032.N1	11-AUG-2011 09:47:44	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49404	No
124	GOM_TRA_1PNPDK20110811_095119_000000453105_00252_49404_9075.N1	11-AUG-2011 09:51:19	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49404	No
125	GOM_TRA_1PNPDK20110811_095649_000000513105_00252_49404_9076.N1	11-AUG-2011 09:56:49	Bright	50.500	61	8Eps Peg	2.1000	3900.0	101	49404	No
126	GOM_TRA_1PNPDK20110811_100310_000000403105_00252_49404_9077.N1	11-AUG-2011 10:03:10	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49404	No
127	GOM_TRA_1PNPDK20110811_100440_000000393105_00252_49404_9078.N1	11-AUG-2011 10:04:40	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49404	No
128	GOM_TRA_1PNPDK20110811_100621_000000413105_00252_49404_9079.N1	11-AUG-2011 10:06:21	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	49404	No

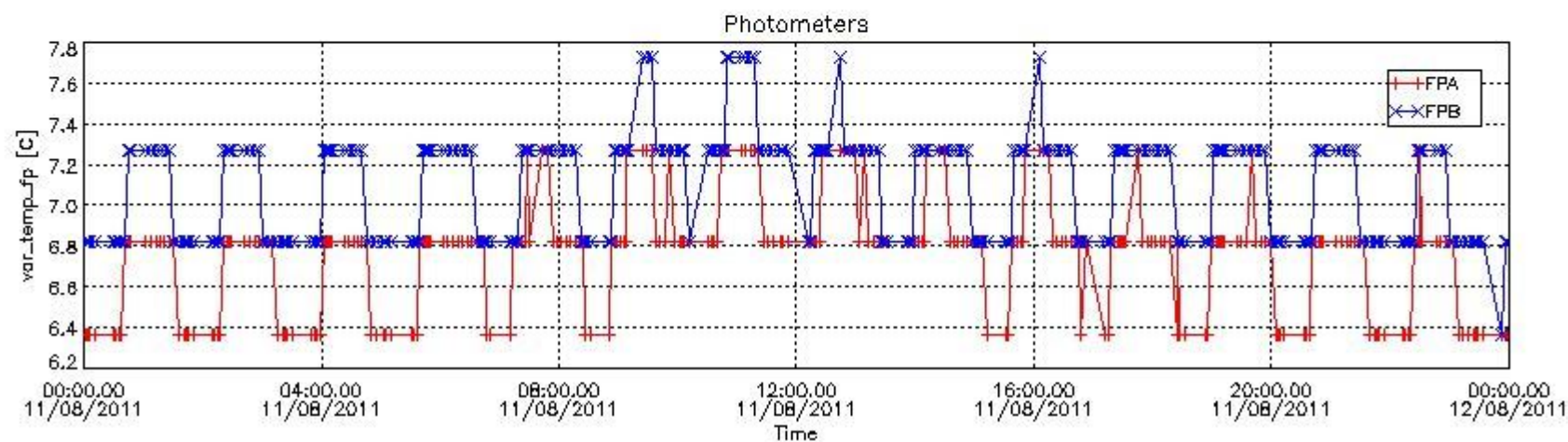
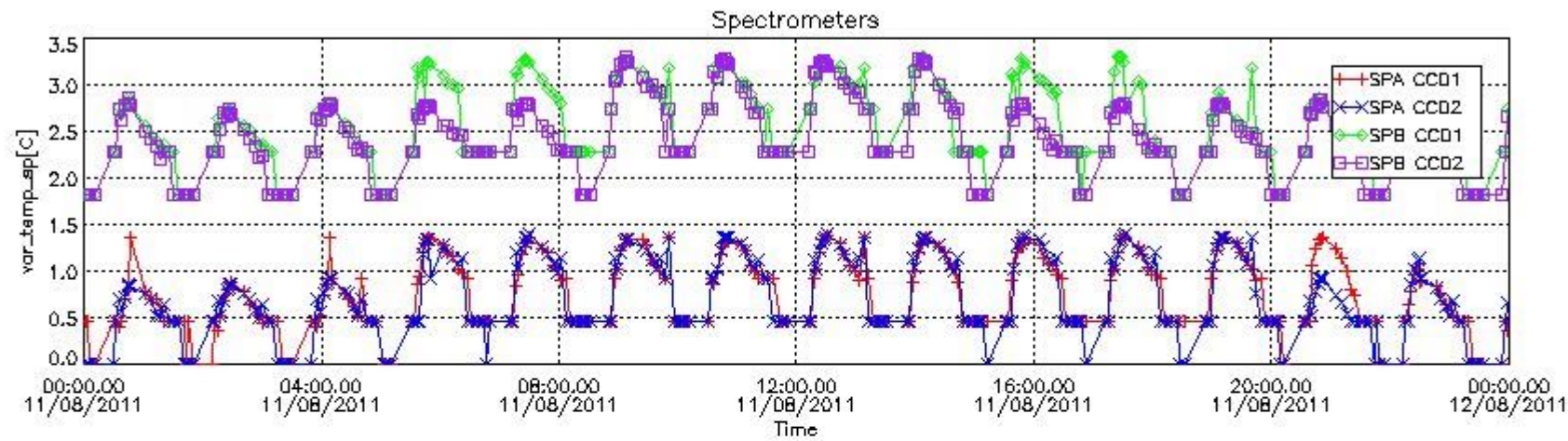
129	GOM_TRA_1PNPDK20110811_101144_000000403105_00252_49404_9080.N1	11-AUG-2011 10:11:44	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49404	No
130	GOM_TRA_1PNPDK20110811_103105_000000423105_00252_49404_9081.N1	11-AUG-2011 10:31:05	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49404	No
131	GOM_TRA_1PNPDK20110811_103350_000000383105_00252_49404_9082.N1	11-AUG-2011 10:33:50	Bright	37.500	107	37The Aur	2.6490	11000.	75	49404	No
132	GOM_TRA_1PNPDK20110811_103649_000000473105_00252_49404_9083.N1	11-AUG-2011 10:36:49	Twilight	47.000	28	12Bet Tau	1.6500	15200.	94	49404	No
133	GOM_TRA_1PNPDK20110811_103904_000000463105_00252_49404_9084.N1	11-AUG-2011 10:39:04	Twilight	46.000	176	23Zet Tau	3.0200	22000.	92	49404	No
134	GOM_TRA_1PNPDK20110811_104255_000000463105_00252_49404_9085.N1	11-AUG-2011 10:42:55	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	49404	No
135	GOM_TRA_1PNPDK20110811_104558_000000493105_00252_49404_9086.N1	11-AUG-2011 10:45:58	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49404	No
136	GOM_TRA_1PNPDK20110811_104721_000000463105_00252_49404_9087.N1	11-AUG-2011 10:47:21	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49404	No
137	GOM_TRA_1PNPDK20110811_104846_000000533105_00252_49404_9088.N1	11-AUG-2011 10:48:46	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49404	No
138	GOM_TRA_1PNPDK20110811_105044_000000463105_00252_49404_9089.N1	11-AUG-2011 10:50:44	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49404	No
139	GOM_TRA_1PNPDK20110811_110403_000000503105_00253_49405_9090.N1	11-AUG-2011 11:04:03	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49405	No
140	GOM_TRA_1PNPDK20110811_110835_000000453105_00253_49405_9091.N1	11-AUG-2011 11:08:35	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49405	No
141	GOM_TRA_1PNPDK20110811_111408_000000553105_00253_49405_9092.N1	11-AUG-2011 11:14:08	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49405	No
142	GOM_TRA_1PNPDK20110811_111808_000000423105_00253_49405_9093.N1	11-AUG-2011 11:18:08	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49405	No
143	GOM_TRA_1PNPDK20110811_112200_000000583105_00253_49405_9094.N1	11-AUG-2011 11:22:00	Twilight	58.000	18	24Alp PsA	1.1660	9700.0	116	49405	No
144	GOM_TRA_1PNPDK20110811_112758_000000463105_00253_49405_9095.N1	11-AUG-2011 11:27:58	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49405	No
145	GOM_TRA_1PNPDK20110811_113133_000000453105_00253_49405_9133.N1	11-AUG-2011 11:31:33	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49405	No
146	GOM_TRA_1PNPDK20110811_113703_000000473105_00253_49405_9134.N1	11-AUG-2011 11:37:03	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49405	No
147	GOM_TRA_1PNPDK20110811_114324_000000393105_00253_49405_9135.N1	11-AUG-2011 11:43:24	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49405	No
148	GOM_TRA_1PNPDK20110811_114454_000000373105_00253_49405_9136.N1	11-AUG-2011 11:44:54	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	49405	No
149	GOM_TRA_1PNPDK20110811_114635_000000403105_00253_49405_9137.N1	11-AUG-2011 11:46:35	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49405	No
150	GOM_TRA_1PNPDK20110811_115158_000000383105_00253_49405_9138.N1	11-AUG-2011 11:51:58	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49405	No
151	GOM_TRA_1PNPDK20110811_121118_000000483105_00253_49405_9139.N1	11-AUG-2011 12:11:18	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	49405	No
152	GOM_TRA_1PNPDK20110811_121404_000000453105_00253_49405_9140.N1	11-AUG-2011 12:14:04	Bright	45.000	107	37The Aur	2.6490	11000.	90	49405	No
153	GOM_TRA_1PNPDK20110811_121703_000000513105_00253_49405_9141.N1	11-AUG-2011 12:17:03	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	49405	No
154	GOM_TRA_1PNPDK20110811_121919_000000453105_00253_49405_9142.N1	11-AUG-2011 12:19:19	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	49405	No
155	GOM_TRA_1PNPDK20110811_122310_000000553105_00253_49405_9143.N1	11-AUG-2011 12:23:10	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	49405	No
156	GOM_TRA_1PNPDK20110811_122612_000000503105_00253_49405_9144.N1	11-AUG-2011 12:26:12	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	49405	No
157	GOM_TRA_1PNPDK20110811_122735_000000453105_00253_49405_9145.N1	11-AUG-2011 12:27:35	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49405	No
158	GOM_TRA_1PNPDK20110811_122901_000000533105_00253_49405_9146.N1	11-AUG-2011 12:29:01	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49405	No
159	GOM_TRA_1PNPDK20110811_123059_000000463105_00253_49405_9147.N1	11-AUG-2011 12:30:59	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49405	No
160	GOM_TRA_1PNPDK20110811_124418_000000503105_00254_49406_9148.N1	11-AUG-2011 12:44:18	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49406	No
161	GOM_TRA_1PNPDK20110811_124850_000000463105_00254_49406_9149.N1	11-AUG-2011 12:48:50	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49406	No
162	GOM_TRA_1PNPDK20110811_125423_000000553105_00254_49406_9150.N1	11-AUG-2011 12:54:23	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49406	No
163	GOM_TRA_1PNPDK20110811_125823_000000423105_00254_49406_9151.N1	11-AUG-2011 12:58:23	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49406	No
164	GOM_TRA_1PNPDK20110811_130215_000000563105_00254_49406_9152.N1	11-AUG-2011 13:02:15	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	49406	No
165	GOM_TRA_1PNPDK20110811_130812_000000463105_00254_49406_9164.N1	11-AUG-2011 13:08:12	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49406	No
166	GOM_TRA_1PNPDK20110811_131147_000000453105_00254_49406_9165.N1	11-AUG-2011 13:11:47	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49406	No
167	GOM_TRA_1PNPDK20110811_131716_000000513105_00254_49406_9166.N1	11-AUG-2011 13:17:16	Bright	50.500	61	8Eps Peg	2.1000	3900.0	101	49406	No
168	GOM_TRA_1PNPDK20110811_132337_000000383105_00254_49406_9167.N1	11-AUG-2011 13:23:37	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49406	No
169	GOM_TRA_1PNPDK20110811_132507_000000373105_00254_49406_9168.N1	11-AUG-2011 13:25:07	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49406	No
170	GOM_TRA_1PNPDK20110811_132649_000000413105_00254_49406_9169.N1	11-AUG-2011 13:26:49	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	49406	No
171	GOM_TRA_1PNPDK20110811_133211_000000403105_00254_49406_9170.N1	11-AUG-2011 13:32:11	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49406	No
172	GOM_TRA_1PNPDK20110811_135132_000000453105_00254_49406_9171.N1	11-AUG-2011 13:51:32	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	49406	No
173	GOM_TRA_1PNPDK20110811_135418_000000403105_00254_49406_9172.N1	11-AUG-2011 13:54:18	Bright	39.500	107	37The Aur	2.6490	11000.	79	49406	No
174	GOM_TRA_1PNPDK20110811_135717_000000513105_00254_49406_9173.N1	11-AUG-2011 13:57:17	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	49406	No
175	GOM_TRA_1PNPDK20110811_135933_000000463105_00254_49406_9174.N1	11-AUG-2011 13:59:33	Twilight	45.500	176	23Zet Tau	3.0200	22000.	91	49406	No
176	GOM_TRA_1PNPDK20110811_140324_000000523105_00254_49406_9175.N1	11-AUG-2011 14:03:24	Dark	51.500	14	58Alp Ori	0.87000	3000.0	103	49406	No
177	GOM_TRA_1PNPDK20110811_140627_000000473105_00254_49406_9176.N1	11-AUG-2011 14:06:27	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	49406	No
178	GOM_TRA_1PNPDK20110811_140750_000000453105_00254_49406_9177.N1	11-AUG-2011 14:07:50	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49406	No
179	GOM_TRA_1PNPDK20110811_140916_000000523105_00254_49406_9178.N1	11-AUG-2011 14:09:16	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	49406	No
180	GOM_TRA_1PNPDK20110811_141113_000000433105_00254_49406_9179.N1	11-AUG-2011 14:11:13	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	49406	No
181	GOM_TRA_1PNPDK20110811_142434_000000503105_00255_49407_9180.N1	11-AUG-2011 14:24:34	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49407	No
182	GOM_TRA_1PNPDK20110811_142905_000000443105_00255_49407_9181.N1	11-AUG-2011 14:29:05	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49407	No
183	GOM_TRA_1PNPDK20110811_143438_000000553105_00255_49407_9182.N1	11-AUG-2011 14:34:38	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49407	No
184	GOM_TRA_1PNPDK20110811_143837_000000423105_00255_49407_9183.N1	11-AUG-2011 14:38:37	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49407	No
185	GOM_TRA_1PNPDK20110811_144229_000000583105_00255_49407_9184.N1	11-AUG-2011 14:42:29	Twilight	58.000	18	24Alp PsA	1.1660	9700.0	116	49407	No
186	GOM_TRA_1PNPDK20110811_144826_000000453105_00255_49407_9213.N1	11-AUG-2011 14:48:26	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49407	No
187	GOM_TRA_1PNPDK20110811_145201_000000443105_00255_49407_9214.N1	11-AUG-2011 14:52:01	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	49407	No

188	GOM_TRA_1PNPDK20110811_145730_000000483105_00255_49407_9215.N1	11-AUG-2011 14:57:30	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	49407	No
189	GOM_TRA_1PNPDK20110811_150351_000000393105_00255_49407_9216.N1	11-AUG-2011 15:03:51	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49407	No
190	GOM_TRA_1PNPDK20110811_150521_000000373105_00255_49407_9217.N1	11-AUG-2011 15:05:21	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	49407	No
191	GOM_TRA_1PNPDK20110811_150702_000000403105_00255_49407_9218.N1	11-AUG-2011 15:07:02	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49407	No
192	GOM_TRA_1PNPDK20110811_151225_000000403105_00255_49407_9219.N1	11-AUG-2011 15:12:25	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49407	No
193	GOM_TRA_1PNPDK20110811_153146_000000503105_00255_49407_9220.N1	11-AUG-2011 15:31:46	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	49407	No
194	GOM_TRA_1PNPDK20110811_153432_000000383105_00255_49407_9221.N1	11-AUG-2011 15:34:32	Bright	38.000	107	37The Aur	2.6490	11000.	76	49407	No
195	GOM_TRA_1PNPDK20110811_153731_000000503105_00255_49407_9222.N1	11-AUG-2011 15:37:31	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	49407	No
196	GOM_TRA_1PNPDK20110811_153947_000000453105_00255_49407_9223.N1	11-AUG-2011 15:39:47	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	49407	No
197	GOM_TRA_1PNPDK20110811_154339_000000533105_00255_49407_9224.N1	11-AUG-2011 15:43:39	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	49407	No
198	GOM_TRA_1PNPDK20110811_154641_000000503105_00255_49407_9225.N1	11-AUG-2011 15:46:41	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	49407	No
199	GOM_TRA_1PNPDK20110811_154804_000000453105_00255_49407_9226.N1	11-AUG-2011 15:48:04	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	49407	No
200	GOM_TRA_1PNPDK20110811_154931_000000533105_00255_49407_9227.N1	11-AUG-2011 15:49:31	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49407	No
201	GOM_TRA_1PNPDK20110811_155128_000000443105_00255_49407_9228.N1	11-AUG-2011 15:51:28	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49407	No
202	GOM_TRA_1PNPDK20110811_160449_000000493105_00256_49408_9229.N1	11-AUG-2011 16:04:49	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49408	No
203	GOM_TRA_1PNPDK20110811_160920_000000463105_00256_49408_9230.N1	11-AUG-2011 16:09:20	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49408	No
204	GOM_TRA_1PNPDK20110811_161452_000000533105_00256_49408_9231.N1	11-AUG-2011 16:14:52	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49408	No
205	GOM_TRA_1PNPDK20110811_161852_000000423105_00256_49408_9232.N1	11-AUG-2011 16:18:52	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49408	No
206	GOM_TRA_1PNPDK20110811_162244_000000593105_00256_49408_9250.N1	11-AUG-2011 16:22:44	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	49408	No
207	GOM_TRA_1PNPDK20110811_162840_000000463105_00256_49408_9251.N1	11-AUG-2011 16:28:40	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49408	No
208	GOM_TRA_1PNPDK20110811_163215_000000433105_00256_49408_9252.N1	11-AUG-2011 16:32:15	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49408	No
209	GOM_TRA_1PNPDK20110811_163743_000000483105_00256_49408_9253.N1	11-AUG-2011 16:37:43	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	49408	No
210	GOM_TRA_1PNPDK20110811_164405_000000403105_00256_49408_9254.N1	11-AUG-2011 16:44:05	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49408	No
211	GOM_TRA_1PNPDK20110811_164535_000000363105_00256_49408_9255.N1	11-AUG-2011 16:45:35	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	49408	No
212	GOM_TRA_1PNPDK20110811_164716_000000403105_00256_49408_9256.N1	11-AUG-2011 16:47:16	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49408	No
213	GOM_TRA_1PNPDK20110811_165239_000000403105_00256_49408_9257.N1	11-AUG-2011 16:52:39	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49408	No
214	GOM_TRA_1PNPDK20110811_171200_000000483105_00256_49408_9258.N1	11-AUG-2011 17:12:00	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	49408	No
215	GOM_TRA_1PNPDK20110811_171446_000000383105_00256_49408_9259.N1	11-AUG-2011 17:14:46	Bright	37.500	107	37The Aur	2.6490	11000.	75	49408	No
216	GOM_TRA_1PNPDK20110811_171745_000000503105_00256_49408_9260.N1	11-AUG-2011 17:17:45	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	49408	No
217	GOM_TRA_1PNPDK20110811_172002_000000453105_00256_49408_9261.N1	11-AUG-2011 17:20:02	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	49408	No
218	GOM_TRA_1PNPDK20110811_172353_000000493105_00256_49408_9262.N1	11-AUG-2011 17:23:53	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	49408	No
219	GOM_TRA_1PNPDK20110811_172656_000000483105_00256_49408_9263.N1	11-AUG-2011 17:26:56	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	49408	No
220	GOM_TRA_1PNPDK20110811_172819_000000453105_00256_49408_9264.N1	11-AUG-2011 17:28:19	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	49408	No
221	GOM_TRA_1PNPDK20110811_172945_000000533105_00256_49408_9265.N1	11-AUG-2011 17:29:45	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49408	No
222	GOM_TRA_1PNPDK20110811_173143_000000453105_00256_49408_9266.N1	11-AUG-2011 17:31:43	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49408	No
223	GOM_TRA_1PNPDK20110811_174504_000000493105_00257_49409_9267.N1	11-AUG-2011 17:45:04	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49409	No
224	GOM_TRA_1PNPDK20110811_174934_000000433105_00257_49409_9268.N1	11-AUG-2011 17:49:34	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49409	No
225	GOM_TRA_1PNPDK20110811_175508_000000523105_00257_49409_9269.N1	11-AUG-2011 17:55:08	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49409	No
226	GOM_TRA_1PNPDK20110811_175906_000000423105_00257_49409_9270.N1	11-AUG-2011 17:59:06	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49409	No
227	GOM_TRA_1PNPDK20110811_180258_000000583105_00257_49409_9281.N1	11-AUG-2011 18:02:58	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	49409	No
228	GOM_TRA_1PNPDK20110811_180854_000000483105_00257_49409_9282.N1	11-AUG-2011 18:08:54	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	49409	No
229	GOM_TRA_1PNPDK20110811_181229_000000443105_00257_49409_9283.N1	11-AUG-2011 18:12:29	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	49409	No
230	GOM_TRA_1PNPDK20110811_181757_000000483105_00257_49409_9284.N1	11-AUG-2011 18:17:57	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	49409	No
231	GOM_TRA_1PNPDK20110811_182419_000000403105_00257_49409_9285.N1	11-AUG-2011 18:24:19	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	49409	No
232	GOM_TRA_1PNPDK20110811_182549_000000383105_00257_49409_9286.N1	11-AUG-2011 18:25:49	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	49409	No
233	GOM_TRA_1PNPDK20110811_182730_000000403105_00257_49409_9287.N1	11-AUG-2011 18:27:30	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49409	No
234	GOM_TRA_1PNPDK20110811_183252_000000393105_00257_49409_9288.N1	11-AUG-2011 18:32:52	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49409	No
235	GOM_TRA_1PNPDK20110811_185214_000000473105_00257_49409_9289.N1	11-AUG-2011 18:52:14	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49409	No
236	GOM_TRA_1PNPDK20110811_185500_000000383105_00257_49409_9290.N1	11-AUG-2011 18:55:00	Bright	37.500	107	37The Aur	2.6490	11000.	75	49409	No
237	GOM_TRA_1PNPDK20110811_185759_000000493105_00257_49409_9291.N1	11-AUG-2011 18:57:59	Twilight	48.500	28	12Bet Tau	1.6500	15200.	97	49409	No
238	GOM_TRA_1PNPDK20110811_190016_000000463105_00257_49409_9292.N1	11-AUG-2011 19:00:16	Twilight	45.500	176	23Zet Tau	3.0200	22000.	91	49409	No
239	GOM_TRA_1PNPDK20110811_190407_000000493105_00257_49409_9293.N1	11-AUG-2011 19:04:07	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	49409	No
240	GOM_TRA_1PNPDK20110811_190710_000000473105_00257_49409_9294.N1	11-AUG-2011 19:07:10	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49409	No
241	GOM_TRA_1PNPDK20110811_190834_000000453105_00257_49409_9295.N1	11-AUG-2011 19:08:34	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49409	No
242	GOM_TRA_1PNPDK20110811_191000_000000533105_00257_49409_9296.N1	11-AUG-2011 19:10:00	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	49409	No
243	GOM_TRA_1PNPDK20110811_191158_000000443105_00257_49409_9297.N1	11-AUG-2011 19:11:58	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	49409	No
244	GOM_TRA_1PNPDK20110811_192519_000000493105_00258_49410_9298.N1	11-AUG-2011 19:25:19	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49410	No
245	GOM_TRA_1PNPDK20110811_192949_000000493105_00258_49410_9299.N1	11-AUG-2011 19:29:49	Dark	48.500	9	Alp Eri	0.45300	24000.	97	49410	No
246	GOM_TRA_1PNPDK20110811_193522_000000513105_00258_49410_9300.N1	11-AUG-2011 19:35:22	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	49410	No



247	GOM_TRA_1PNPDK20110811_193921_000000413105_00258_49410_9326.N1	11-AUG-2011 19:39:21	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	49410	Yes
248	GOM_TRA_1PNPDK20110811_194313_000000573105_00258_49410_9327.N1	11-AUG-2011 19:43:13	Twilight_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	49410	No
249	GOM_TRA_1PNPDK20110811_194908_000000453105_00258_49410_9328.N1	11-AUG-2011 19:49:08	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49410	No
250	GOM_TRA_1PNPDK20110811_195243_000000443105_00258_49410_9329.N1	11-AUG-2011 19:52:43	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	49410	No
251	GOM_TRA_1PNPDK20110811_195811_000000473105_00258_49410_9330.N1	11-AUG-2011 19:58:11	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	49410	No
252	GOM_TRA_1PNPDK20110811_200433_000000383105_00258_49410_9331.N1	11-AUG-2011 20:04:33	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49410	No
253	GOM_TRA_1PNPDK20110811_200603_000000383105_00258_49410_9332.N1	11-AUG-2011 20:06:03	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49410	No
254	GOM_TRA_1PNPDK20110811_200744_000000403105_00258_49410_9333.N1	11-AUG-2011 20:07:44	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49410	No
255	GOM_TRA_1PNPDK20110811_201306_000000403105_00258_49410_9334.N1	11-AUG-2011 20:13:06	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49410	No
256	GOM_TRA_1PNPDK20110811_203228_000000493105_00258_49410_9335.N1	11-AUG-2011 20:32:28	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	49410	No
257	GOM_TRA_1PNPDK20110811_203514_000000383105_00258_49410_9336.N1	11-AUG-2011 20:35:14	Bright	38.000	107	37The Aur	2.6490	11000.	76	49410	No
258	GOM_TRA_1PNPDK20110811_203814_000000503105_00258_49410_9337.N1	11-AUG-2011 20:38:14	Twilight_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49410	No
259	GOM_TRA_1PNPDK20110811_204030_000000463105_00258_49410_9338.N1	11-AUG-2011 20:40:30	Twilight_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49410	No
260	GOM_TRA_1PNPDK20110811_204422_000000473105_00258_49410_9339.N1	11-AUG-2011 20:44:22	Dark	46.500	14	58Alp Ori	0.87000	3000.0	93	49410	No
261	GOM_TRA_1PNPDK20110811_204725_000000483105_00258_49410_9340.N1	11-AUG-2011 20:47:25	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	49410	No
262	GOM_TRA_1PNPDK20110811_204848_000000453105_00258_49410_9341.N1	11-AUG-2011 20:48:48	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49410	No
263	GOM_TRA_1PNPDK20110811_205015_000000533105_00258_49410_9342.N1	11-AUG-2011 20:50:15	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49410	No
264	GOM_TRA_1PNPDK20110811_205212_000000443105_00258_49410_9343.N1	11-AUG-2011 20:52:12	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49410	No
265	GOM_TRA_1PNPDK20110811_210534_000000493105_00259_49411_9344.N1	11-AUG-2011 21:05:34	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49411	No
266	GOM_TRA_1PNPDK20110811_211004_000000473105_00259_49411_9345.N1	11-AUG-2011 21:10:04	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49411	No
267	GOM_TRA_1PNPDK20110811_211537_000000613105_00259_49411_9346.N1	11-AUG-2011 21:15:37	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	49411	No
268	GOM_TRA_1PNPDE20110811_211935_000000433105_00259_49411_3716.N1	11-AUG-2011 21:19:35	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49411	No
269	GOM_TRA_1PNPDE20110811_212327_000000583105_00259_49411_3717.N1	11-AUG-2011 21:23:27	Twilight_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	49411	No
270	GOM_TRA_1PNPDE20110811_212922_000000463105_00259_49411_3718.N1	11-AUG-2011 21:29:22	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49411	No
271	GOM_TRA_1PNPDE20110811_213257_000000453105_00259_49411_3719.N1	11-AUG-2011 21:32:57	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49411	No
272	GOM_TRA_1PNPDE20110811_213824_000000473105_00259_49411_3720.N1	11-AUG-2011 21:38:24	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	49411	No
273	GOM_TRA_1PNPDE20110811_214446_000000383105_00259_49411_3721.N1	11-AUG-2011 21:44:46	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49411	No
274	GOM_TRA_1PNPDE20110811_214617_000000373105_00259_49411_3722.N1	11-AUG-2011 21:46:17	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49411	No
275	GOM_TRA_1PNPDE20110811_214757_000000383105_00259_49411_3723.N1	11-AUG-2011 21:47:57	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	49411	No
276	GOM_TRA_1PNPDE20110811_215320_000000403105_00259_49411_3724.N1	11-AUG-2011 21:53:20	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49411	No
277	GOM_TRA_1PNPDE20110811_221242_000000463105_00259_49411_3725.N1	11-AUG-2011 22:12:42	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49411	No
278	GOM_TRA_1PNPDE20110811_221529_000000443105_00259_49411_3726.N1	11-AUG-2011 22:15:29	Bright	44.000	107	37The Aur	2.6490	11000.	88	49411	No
279	GOM_TRA_1PNPDE20110811_221828_000000503105_00259_49411_3727.N1	11-AUG-2011 22:18:28	Twilight_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49411	No
280	GOM_TRA_1PNPDE20110811_222044_000000443105_00259_49411_3728.N1	11-AUG-2011 22:20:44	Twilight_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	49411	No
281	GOM_TRA_1PNPDE20110811_222436_000000503105_00259_49411_3729.N1	11-AUG-2011 22:24:36	Dark	49.500	14	58Alp Ori	0.87000	3000.0	99	49411	No
282	GOM_TRA_1PNPDE20110811_222739_000000483105_00259_49411_3730.N1	11-AUG-2011 22:27:39	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	49411	No
283	GOM_TRA_1PNPDE20110811_222903_000000463105_00259_49411_3731.N1	11-AUG-2011 22:29:03	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49411	No
284	GOM_TRA_1PNPDE20110811_223029_000000553105_00259_49411_3751.N1	11-AUG-2011 22:30:29	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	49411	Yes
285	GOM_TRA_1PNPDE20110811_223227_000000453105_00259_49411_3752.N1	11-AUG-2011 22:32:27	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49411	No
286	GOM_TRA_1PNPDE20110811_224549_000000503105_00260_49412_3753.N1	11-AUG-2011 22:45:49	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49412	No
287	GOM_TRA_1PNPDE20110811_225018_000000443105_00260_49412_3754.N1	11-AUG-2011 22:50:18	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49412	No
288	GOM_TRA_1PNPDE20110811_225552_000000543105_00260_49412_3755.N1	11-AUG-2011 22:55:52	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49412	No
289	GOM_TRA_1PNPDE20110811_225949_000000403105_00260_49412_3756.N1	11-AUG-2011 22:59:49	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	49412	No
290	GOM_TRA_1PNPDE20110811_230341_000000593105_00260_49412_3757.N1	11-AUG-2011 23:03:41	Twilight_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	49412	No
291	GOM_TRA_1PNPDE20110811_230937_000000483105_00260_49412_3758.N1	11-AUG-2011 23:09:37	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	49412	No
292	GOM_TRA_1PNPDE20110811_231311_000000453105_00260_49412_3759.N1	11-AUG-2011 23:13:11	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49412	No
293	GOM_TRA_1PNPDE20110811_231838_000000493105_00260_49412_3760.N1	11-AUG-2011 23:18:38	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	49412	No
294	GOM_TRA_1PNPDE20110811_232500_000000463105_00260_49412_3761.N1	11-AUG-2011 23:25:00	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	49412	No
295	GOM_TRA_1PNPDE20110811_232630_000000393105_00260_49412_3762.N1	11-AUG-2011 23:26:30	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49412	No
296	GOM_TRA_1PNPDE20110811_232811_000000563105_00260_49412_3763.N1	11-AUG-2011 23:28:11	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	49412	No
297	GOM_TRA_1PNPDE20110811_233334_000000403105_00260_49412_3764.N1	11-AUG-2011 23:33:34	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49412	No
298	GOM_TRA_1PNPDE20110811_235256_000000493105_00260_49412_3765.N1	11-AUG-2011 23:52:56	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	49412	No
299	GOM_TRA_1PNPDE20110811_235542_000000383105_00260_49412_3766.N1	11-AUG-2011 23:55:42	Bright	38.000	107	37The Aur	2.6490	11000.	76	49412	No
300	GOM_TRA_1PNPDE20110811_235842_000000513105_00260_49412_3767.N1	11-AUG-2011 23:58:42	Twilight_and_stray	51.000	28	12Bet Tau	1.6500	15200.	102	49412	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.

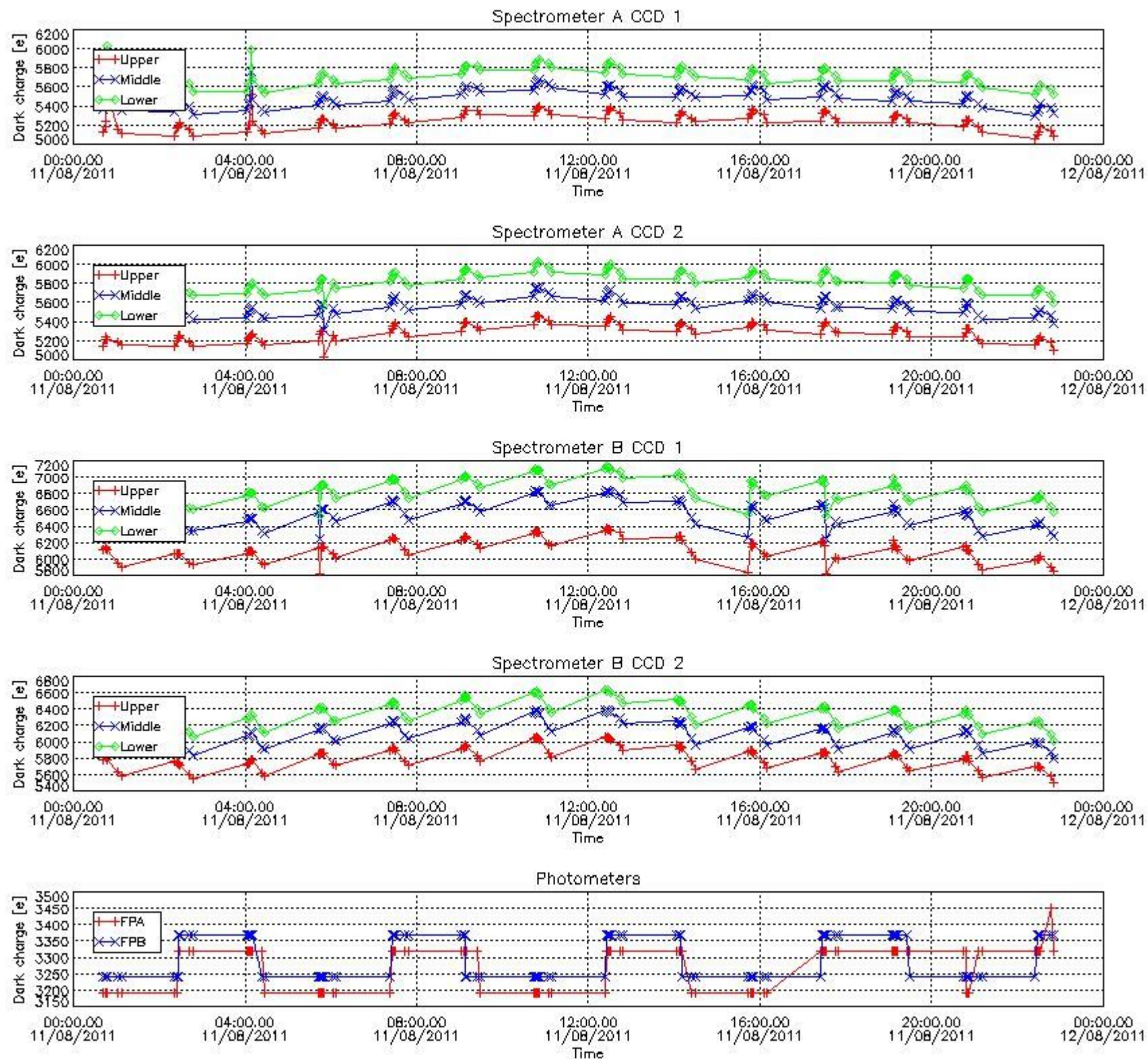
##### 4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDE20110811_211935_000000433105_00259_49411_3716.N1	DC map used
GOM_TRA_1PNPDE20110811_212327_000000583105_00259_49411_3717.N1	DC map used
GOM_TRA_1PNPDE20110811_212922_000000463105_00259_49411_3718.N1	DC map used
GOM_TRA_1PNPDE20110811_213257_000000453105_00259_49411_3719.N1	DC map used
GOM_TRA_1PNPDE20110811_213824_000000473105_00259_49411_3720.N1	DC map used
GOM_TRA_1PNPDE20110811_214446_000000383105_00259_49411_3721.N1	DC map used
GOM_TRA_1PNPDE20110811_214617_000000373105_00259_49411_3722.N1	DC map used
GOM_TRA_1PNPDE20110811_214757_000000383105_00259_49411_3723.N1	DC map used
GOM_TRA_1PNPDE20110811_215320_000000403105_00259_49411_3724.N1	DC map used
GOM_TRA_1PNPDE20110811_221242_000000463105_00259_49411_3725.N1	DC map used
GOM_TRA_1PNPDE20110811_221529_000000443105_00259_49411_3726.N1	DC map used
GOM_TRA_1PNPDE20110811_221828_000000503105_00259_49411_3727.N1	DC map used
GOM_TRA_1PNPDE20110811_222044_000000443105_00259_49411_3728.N1	DC map used
GOM_TRA_1PNPDE20110811_222436_000000503105_00259_49411_3729.N1	DC map used



GOM_TRA_1PNPDE20110811_222739_000000483105_00259_49411_3730.N1	DC map used
GOM_TRA_1PNPDE20110811_222903_000000463105_00259_49411_3731.N1	DC map used

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



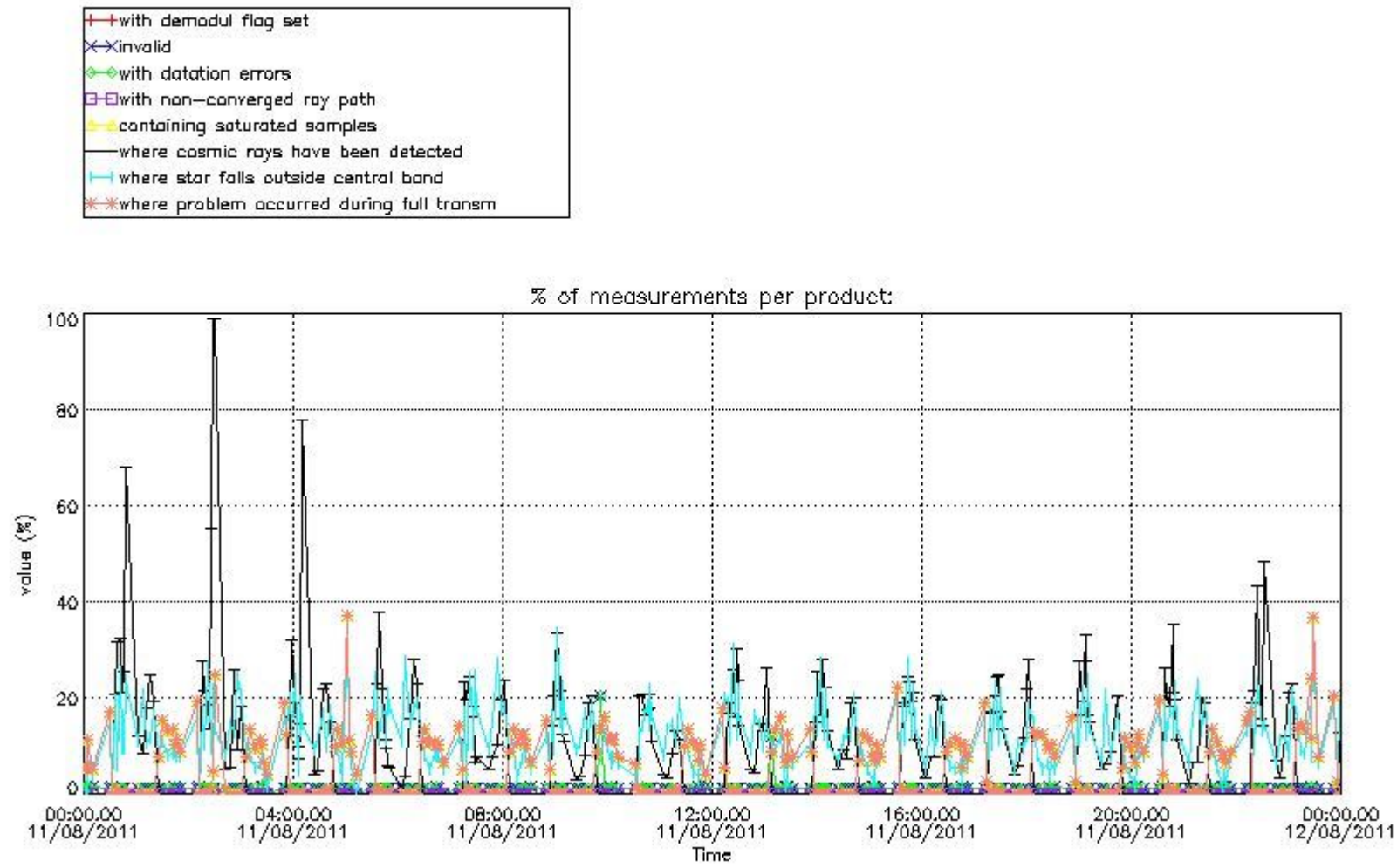
5. Demodulation flag and quality information monitoring

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:

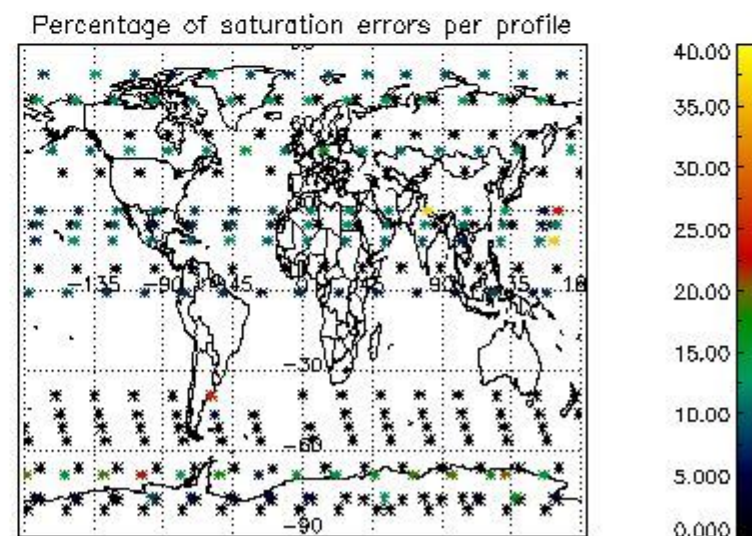
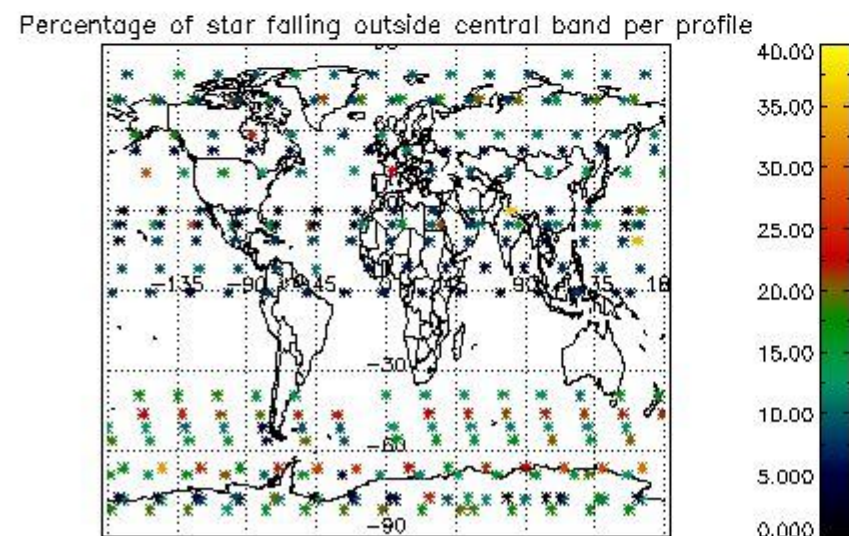
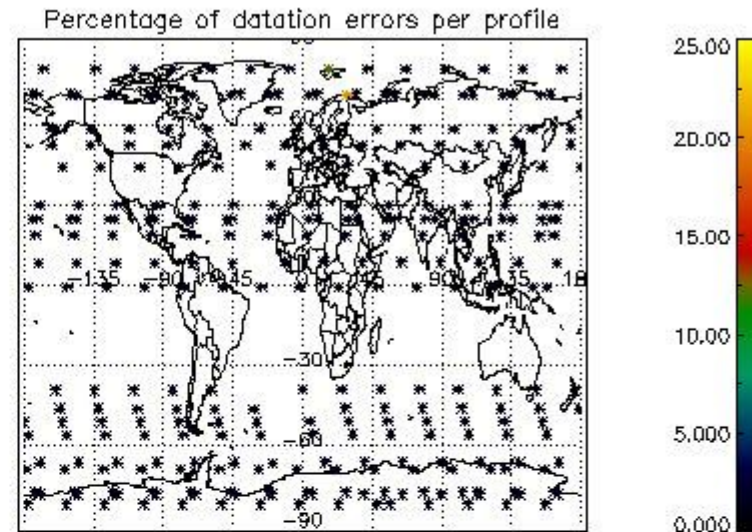
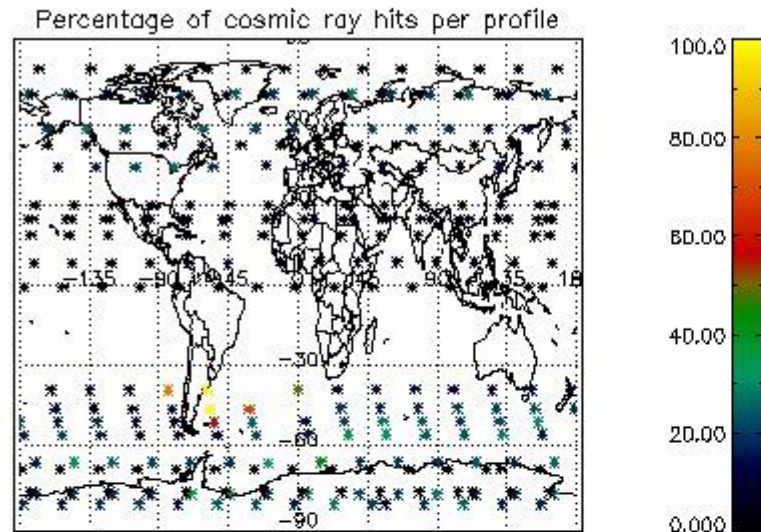
At least one measurement with demodulation flag set:	54.3624 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	44.2953 %

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)

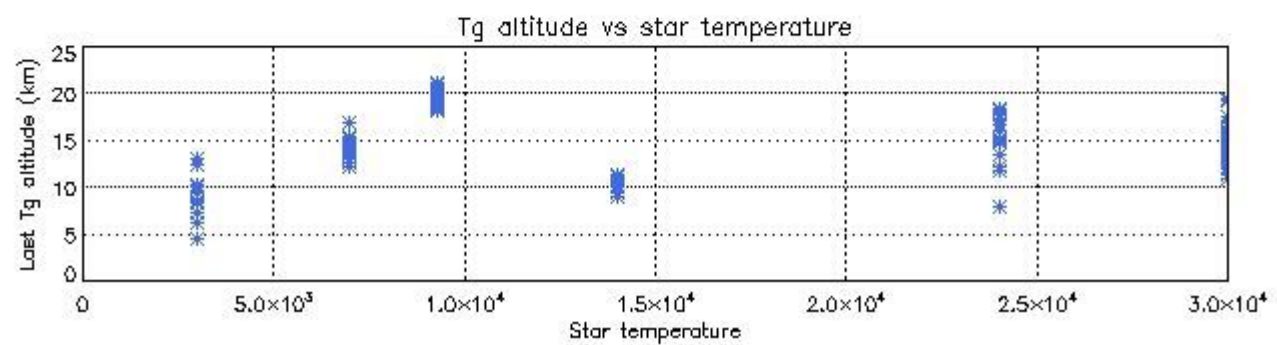
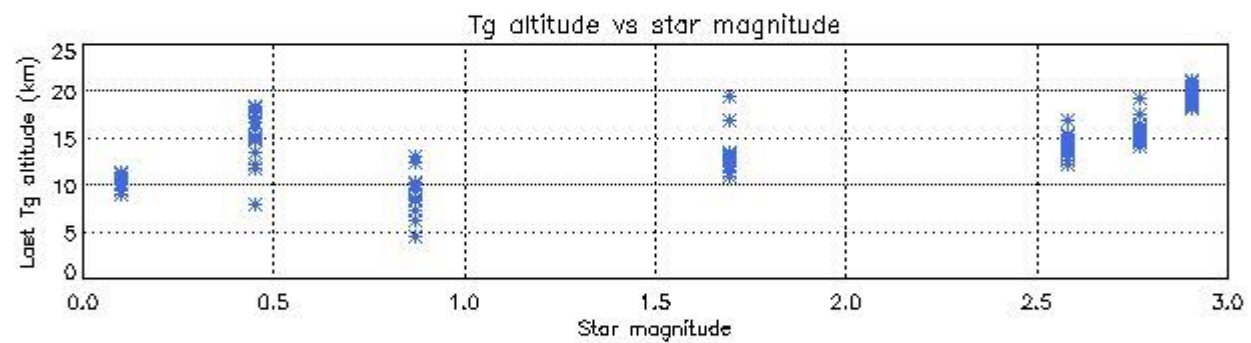
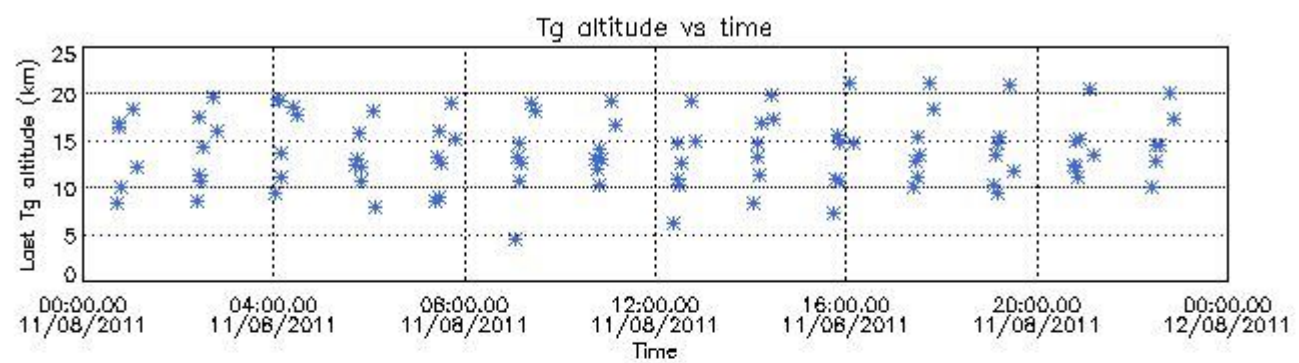
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.935	19.380	NaN
St. deviation:	3.7222	3.8665	NaN
Maximum:	21.165	27.960	NaN
Minimum:	4.4850	3.2775	NaN
Number of data:	96.000	132.00	NaN

### 6.2 Plot for DARK limb products

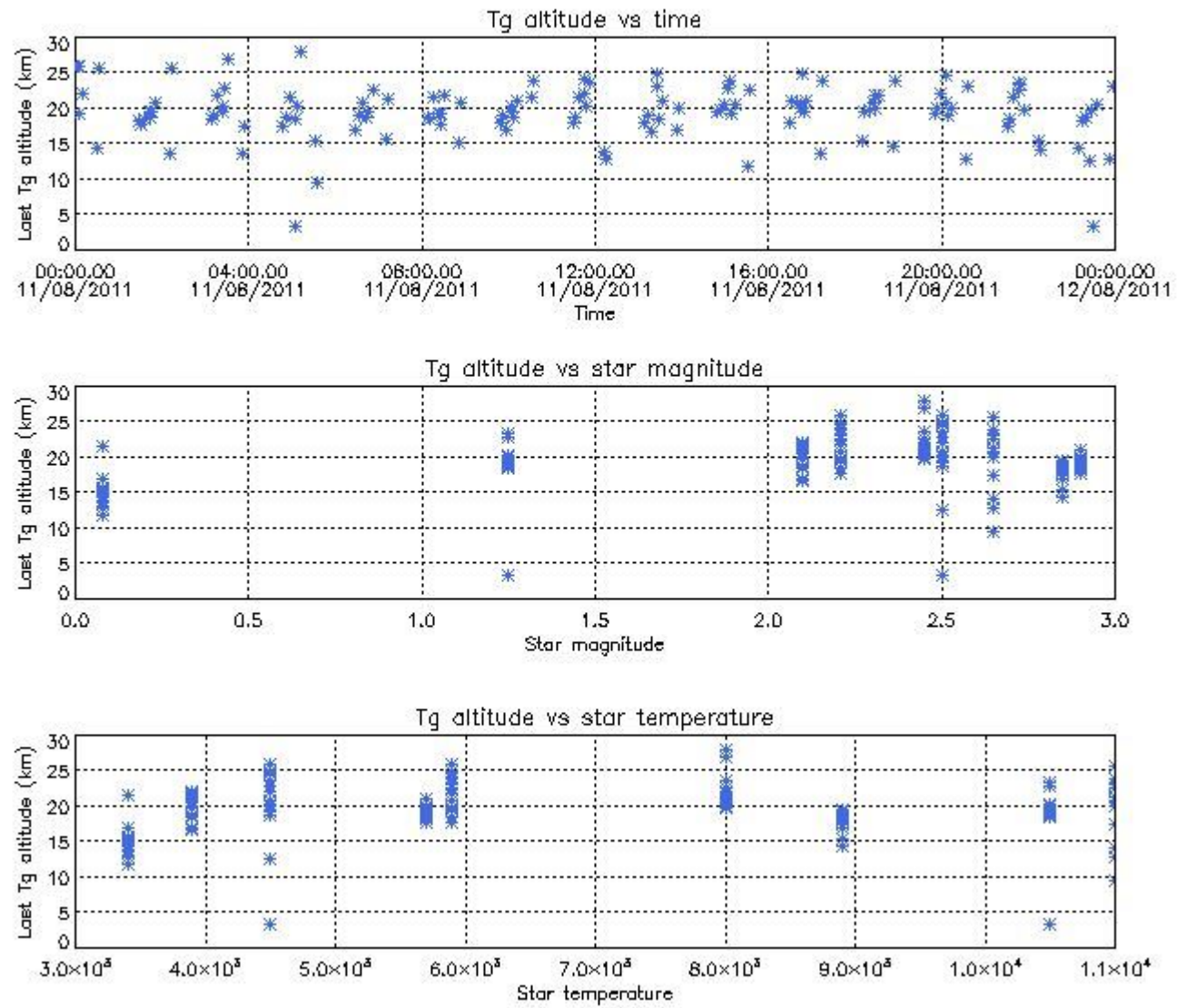


Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

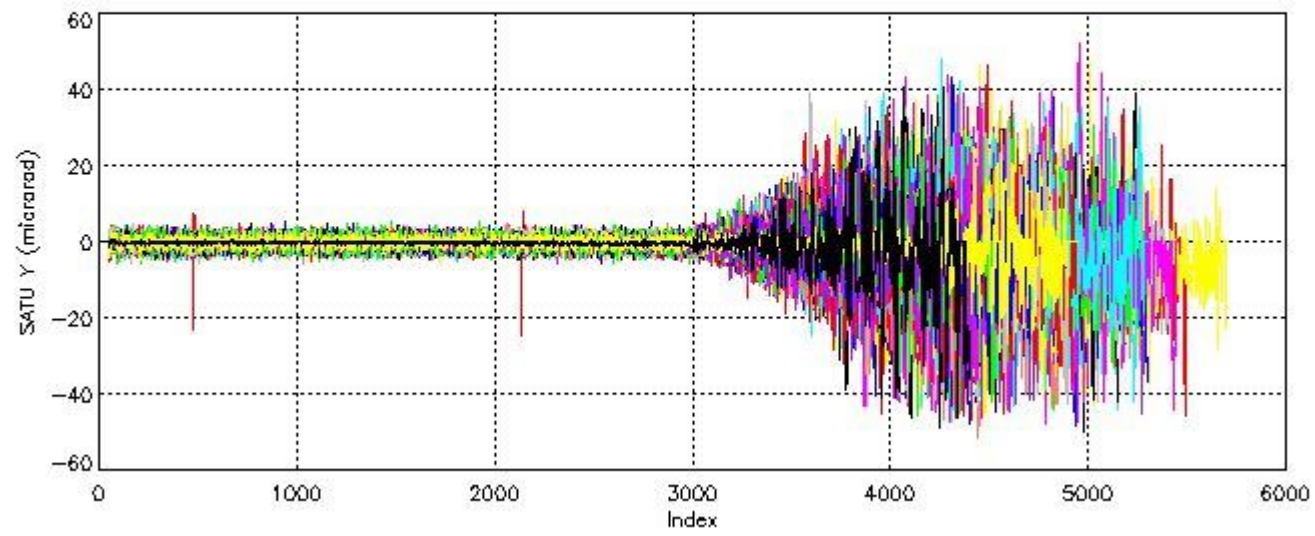
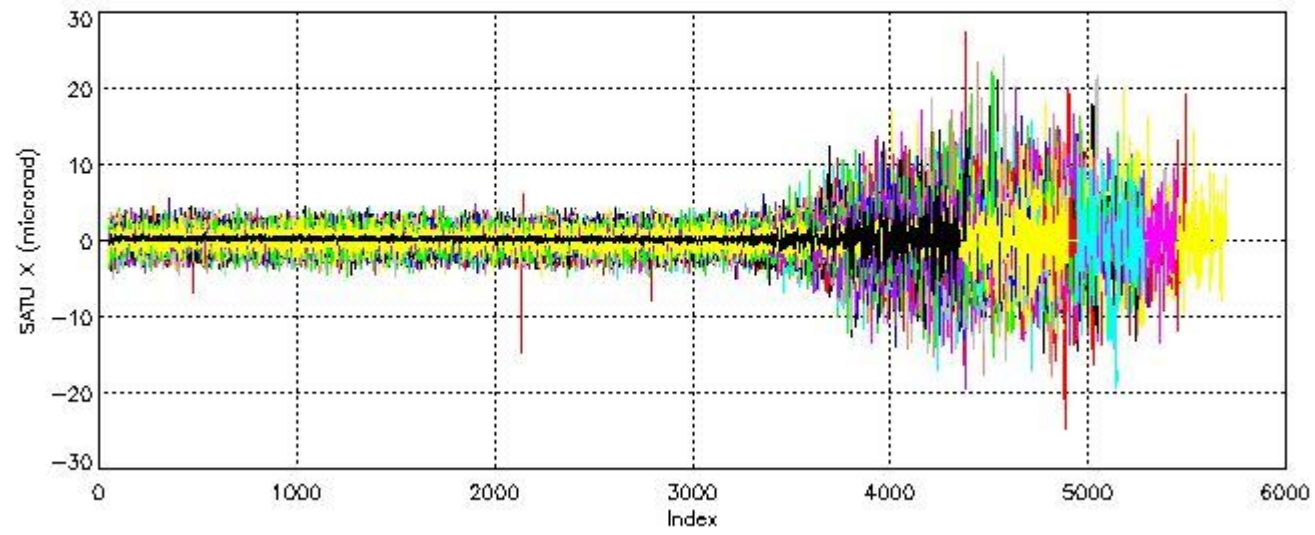


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.17278	-0.25085	0.20308	-0.24277
St. deviation:	0.59120	0.66749	0.67241	0.73950
Maximum:	5.5000	7.6000	4.6000	4.7000
Minimum:	-6.9000	-23.000	-4.5000	-5.1000



Number of data:	98200.	98200.	1.2820E+05	1.2820E+05
90Percentile:	1.0000	0.60000	1.1000	0.70000

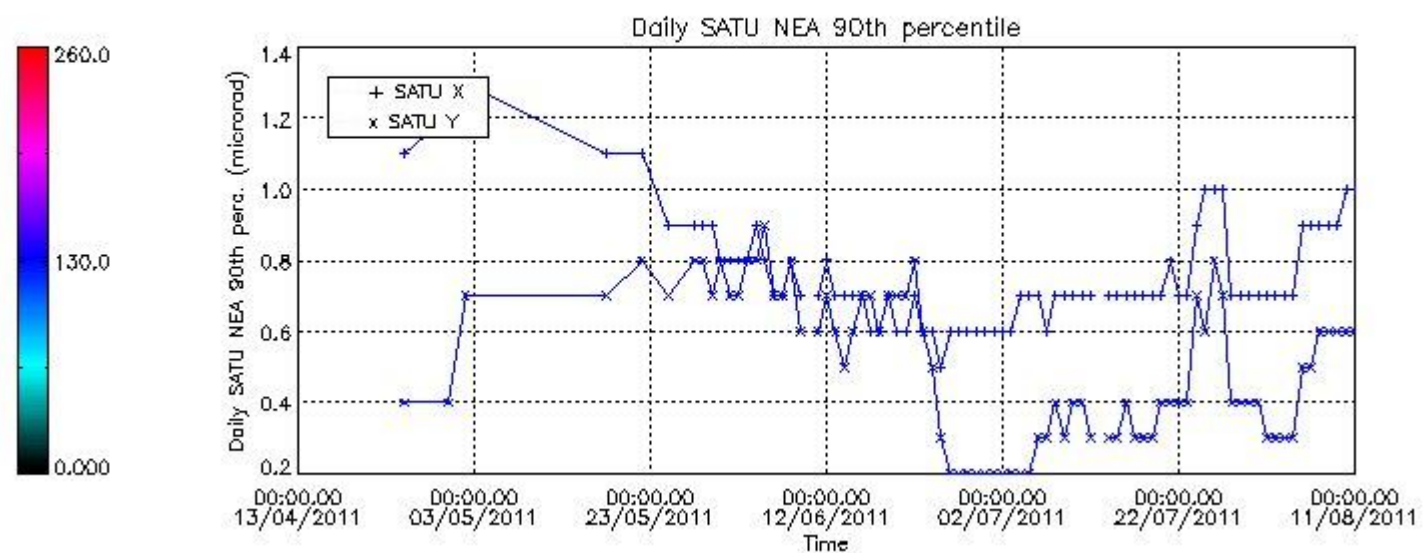
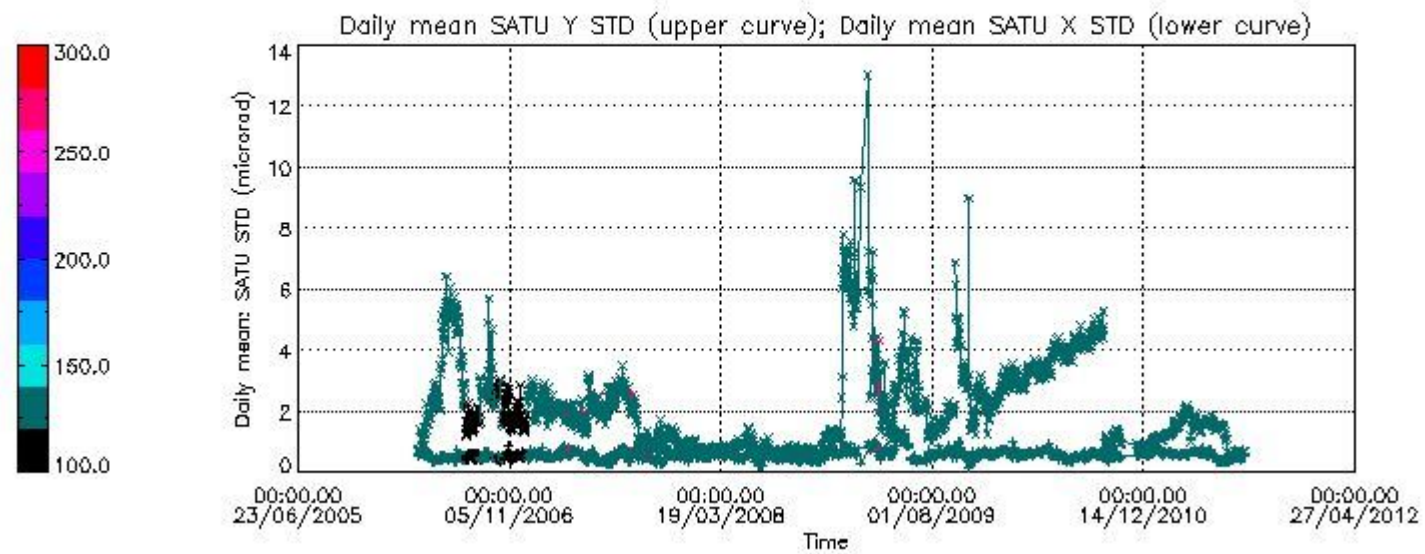
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

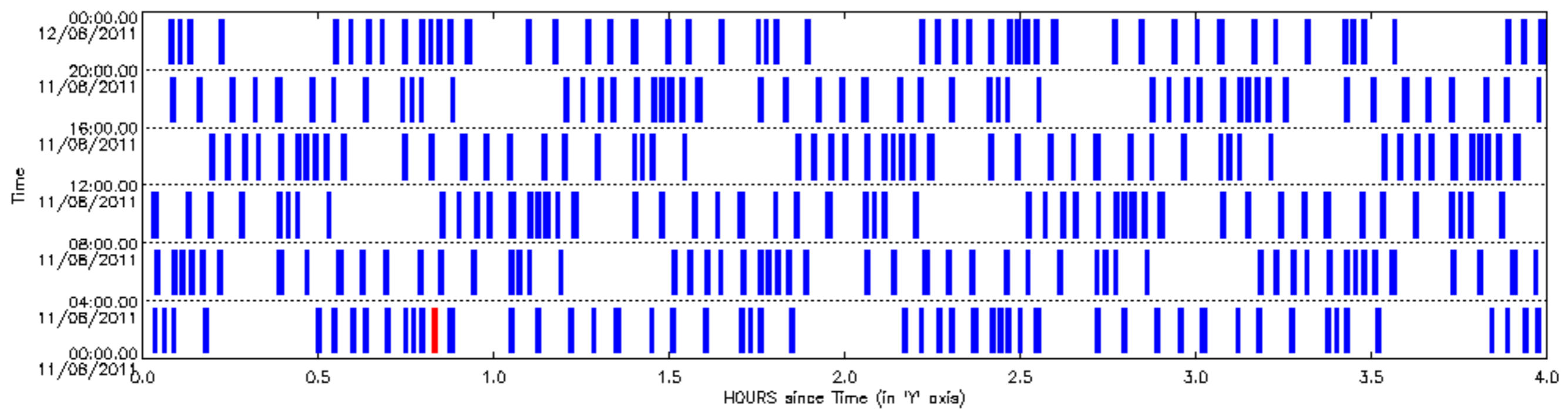
Lower curve: STD of SATU X axis



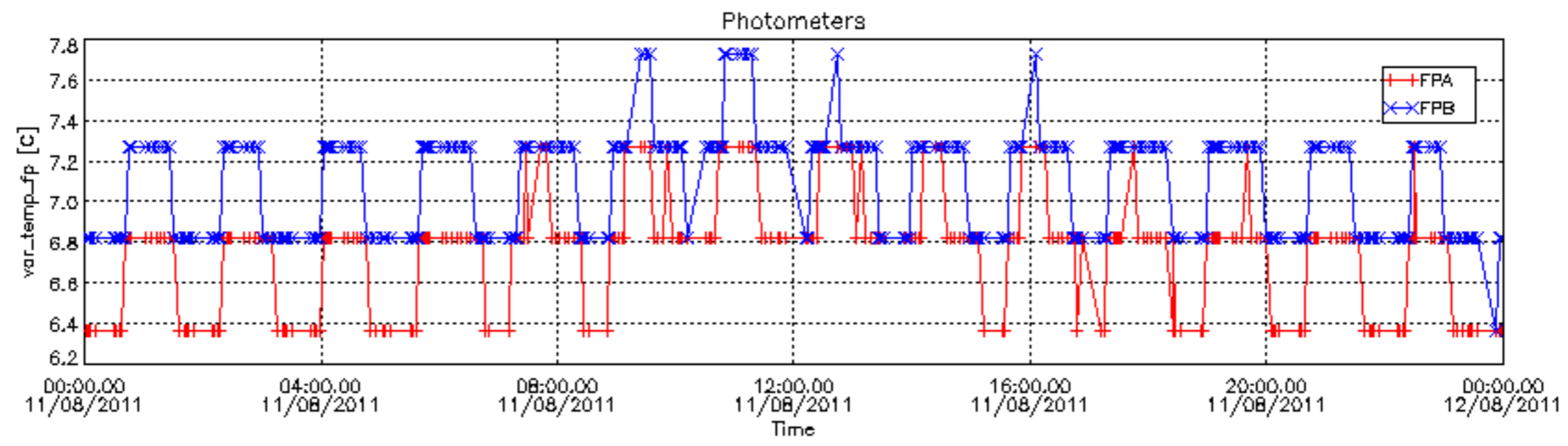
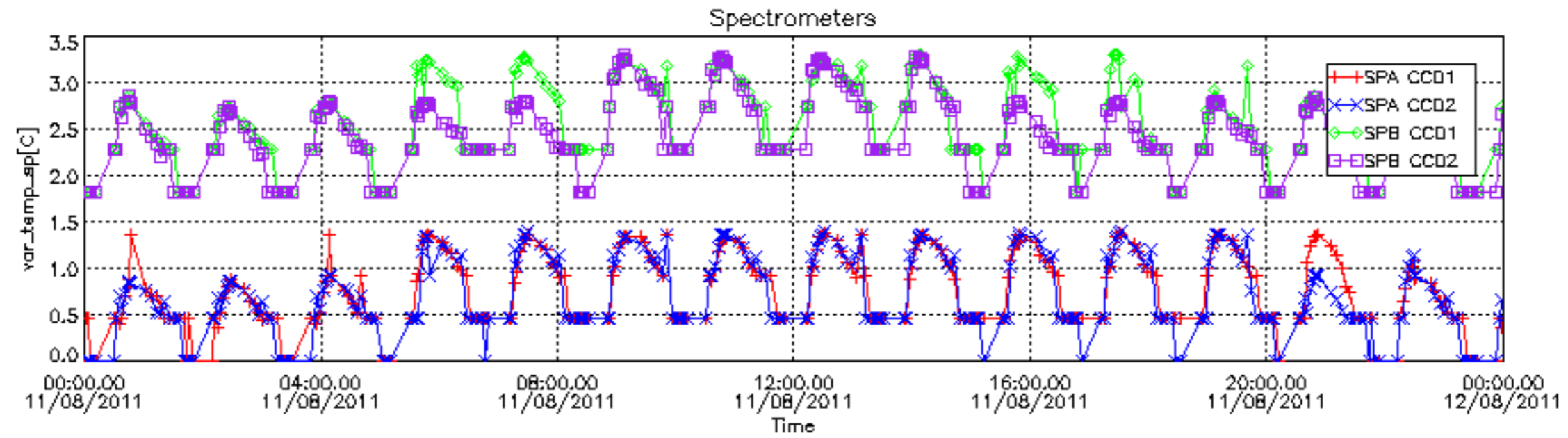
### 8. Auxiliary Data Files used for the production reported in section 2.4

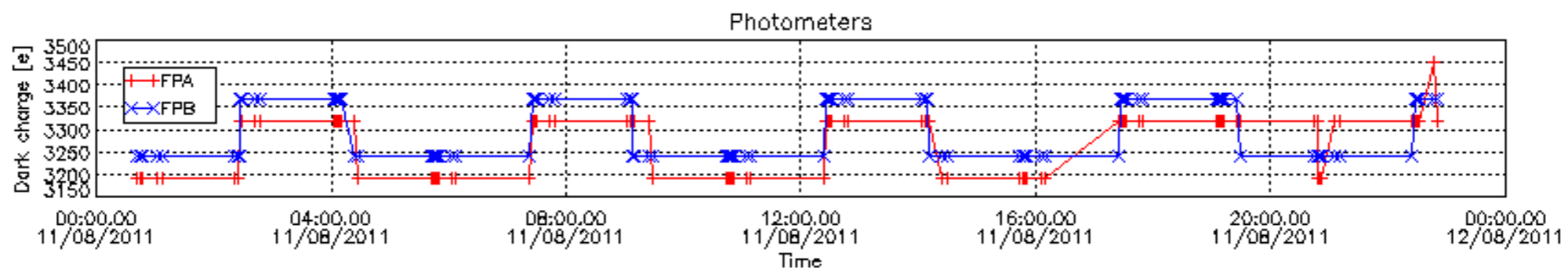
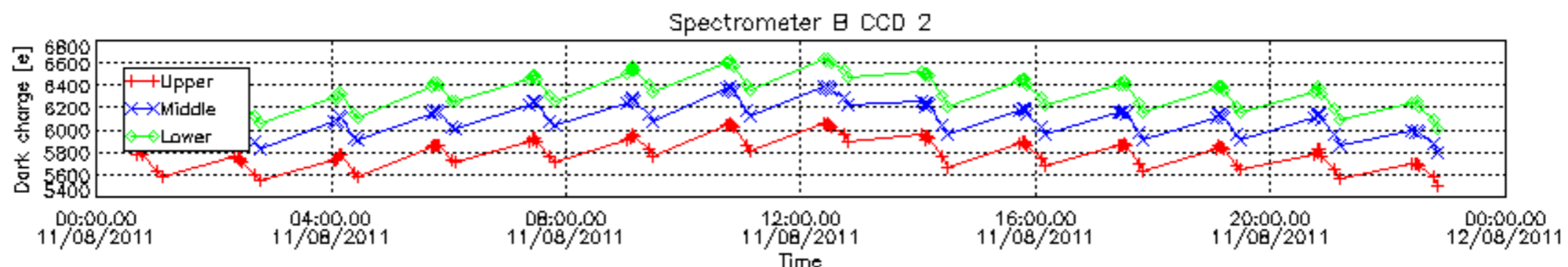
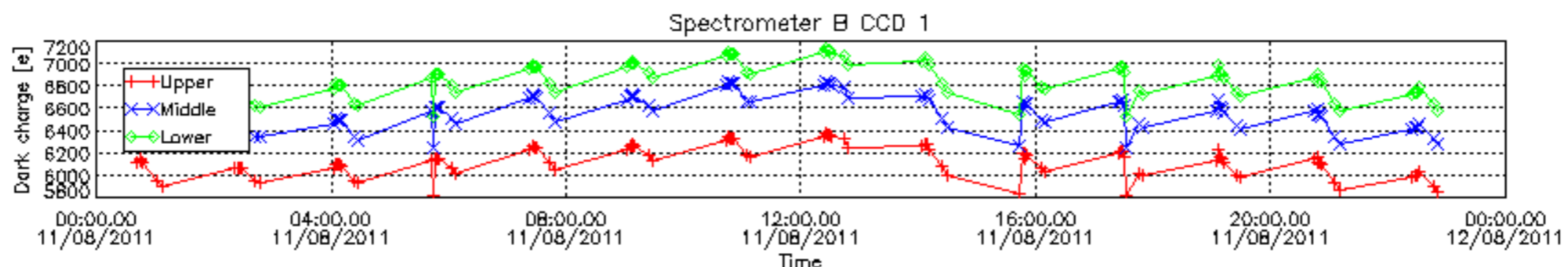
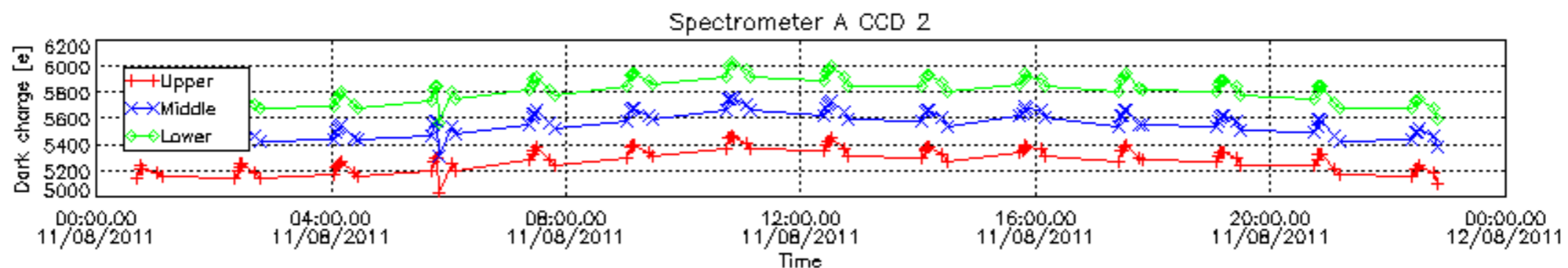
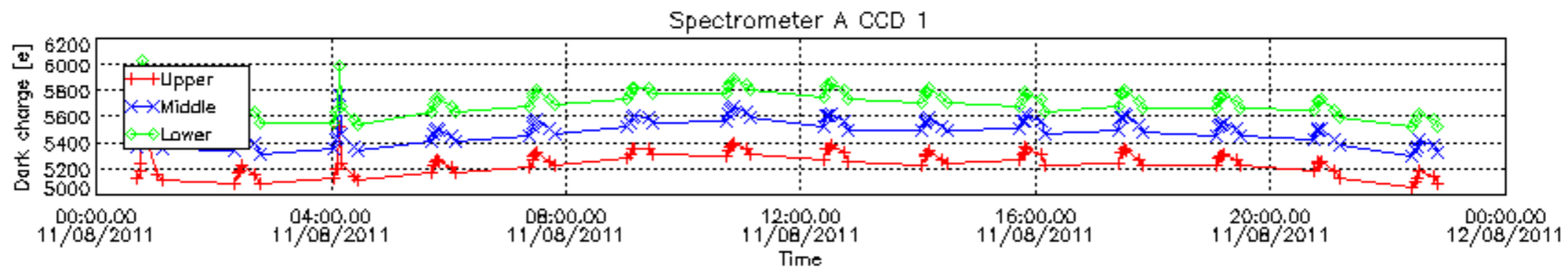
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

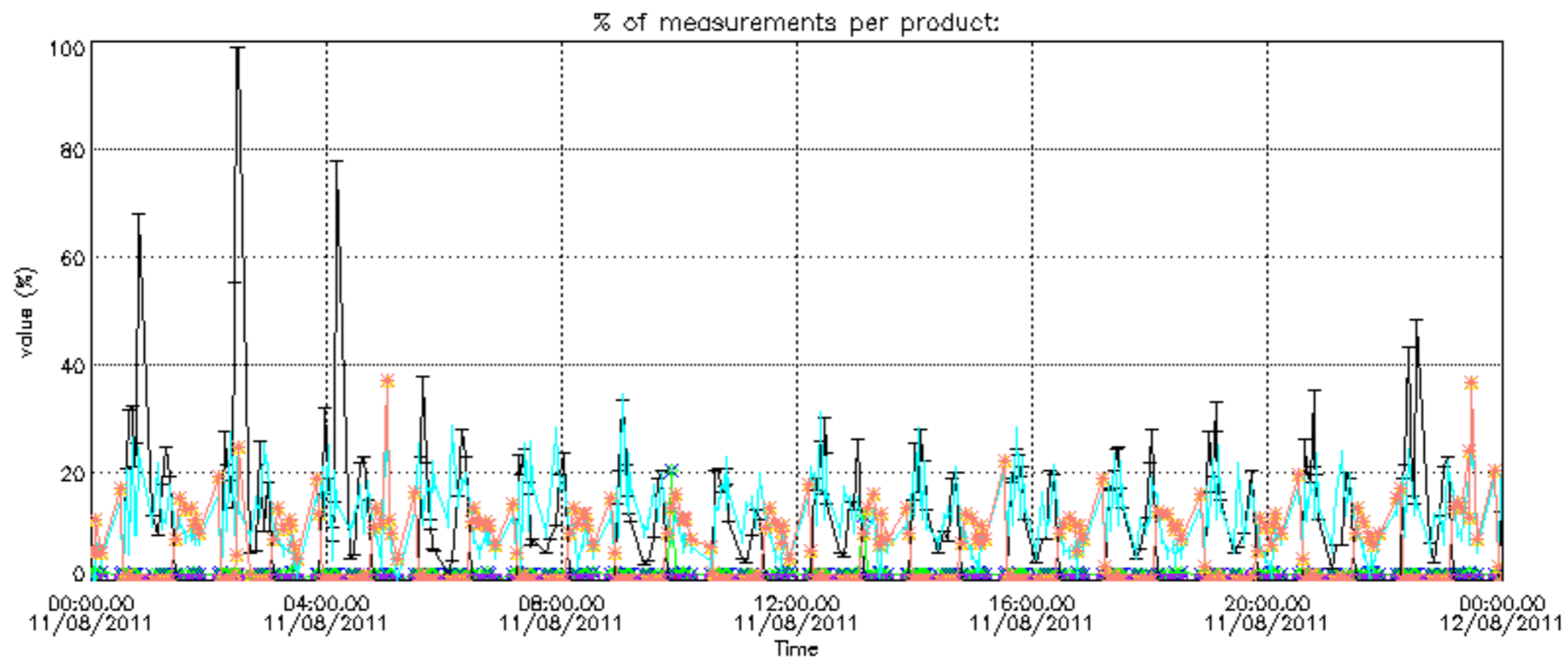
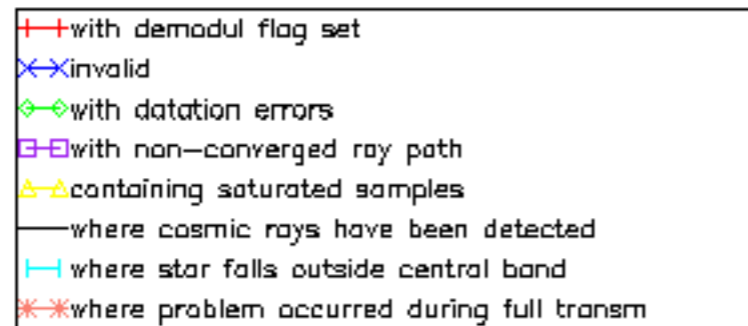
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-AUG-2011 00:01:48
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110809_072920_20110808_000000_20500101_000000	1	11-AUG-2011 00:01:48
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	11-AUG-2011 00:01:48
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	11-AUG-2011 00:01:48
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	11-AUG-2011 00:01:48
ECMWF_FILE	AUX_ECF_AXNECM20110810_062116_20110810_210000_20110811_090000	1	11-AUG-2011 00:01:48
ECMWF_FILE	AUX_ECF_AXNECM20110810_181110_20110811_030000_20110811_150000	46	11-AUG-2011 03:50:09
ECMWF_FILE	AUX_ECA_AXNECM20110811_063153_20110810_210000_20110811_090000	67	11-AUG-2011 05:30:23
ECMWF_FILE	AUX_ECF_AXNECM20110810_181110_20110811_030000_20110811_150000	103	11-AUG-2011 08:11:06
ECMWF_FILE	AUX_ECF_AXNECM20110811_063153_20110811_090000_20110811_210000	124	11-AUG-2011 09:51:19
ECMWF_FILE	AUX_ECF_AXNECM20110811_063154_20110811_150000_20110812_030000	206	11-AUG-2011 16:22:44
ECMWF_FILE	AUX_ECA_AXNECM20110811_181216_20110811_090000_20110811_210000	227	11-AUG-2011 18:02:58
ECMWF_FILE	AUX_ECF_AXNECM20110811_063154_20110811_150000_20110812_030000	247	11-AUG-2011 19:39:21
ECMWF_FILE	AUX_ECF_AXNECM20110811_063154_20110811_210000_20110812_090000	268	11-AUG-2011 21:19:35
OPTIONAL_ECMWF_FILE	MISSING	1	11-AUG-2011 00:01:48
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110810_223112_20110810_113827_20110820_135214	1	11-AUG-2011 00:01:48
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110810_103110_20110809_185608_20110819_210955	88	11-AUG-2011 07:10:37
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110811_103154_20110810_195937_20110820_203310	124	11-AUG-2011 09:51:19





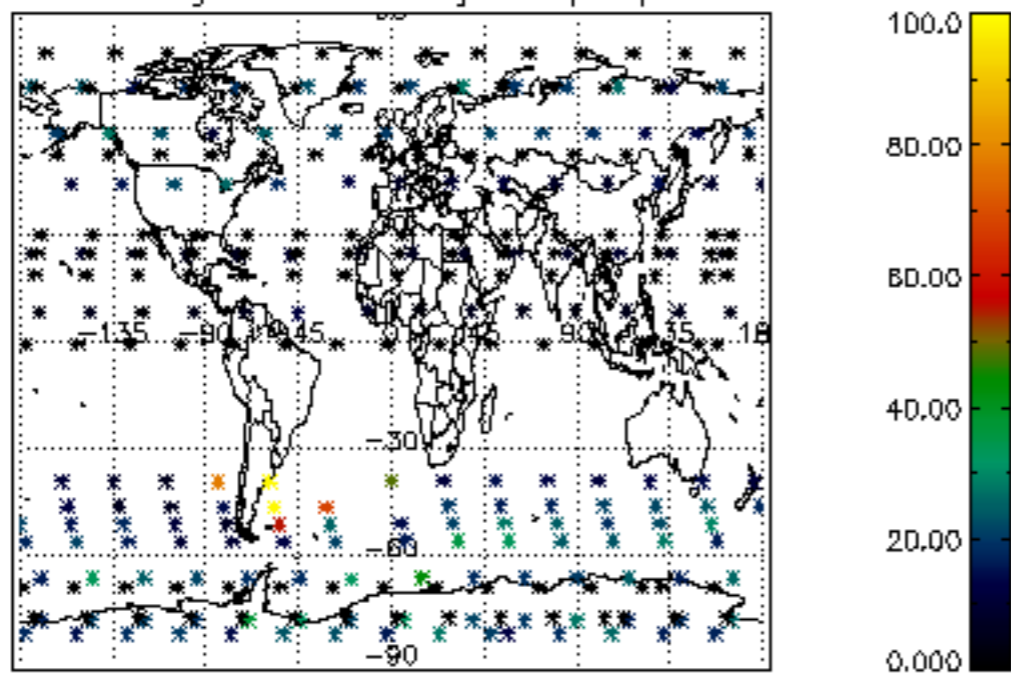




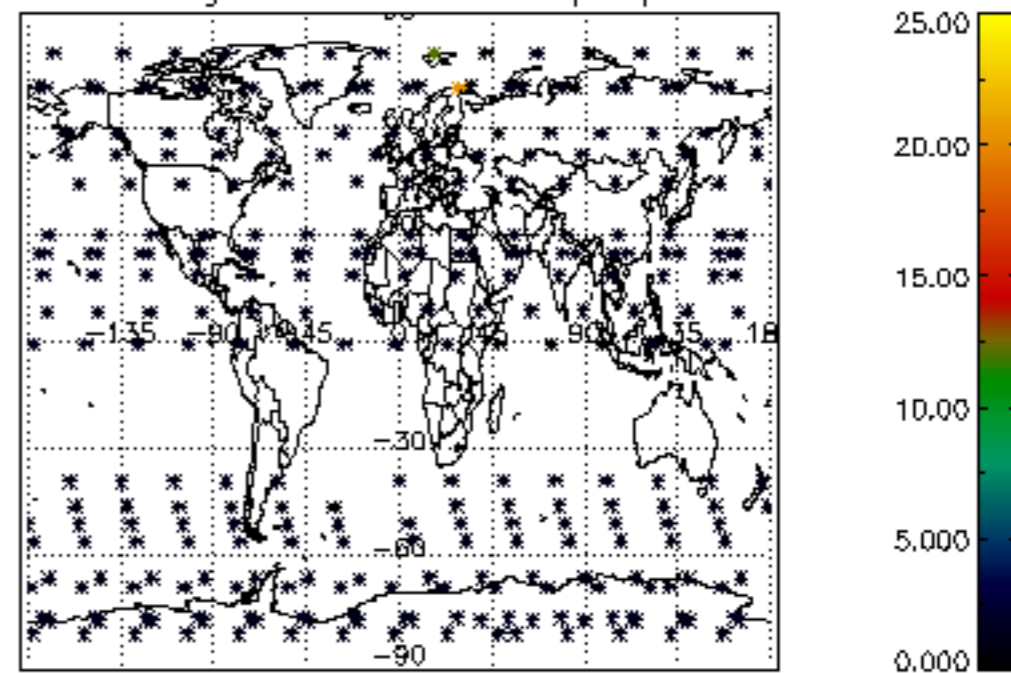




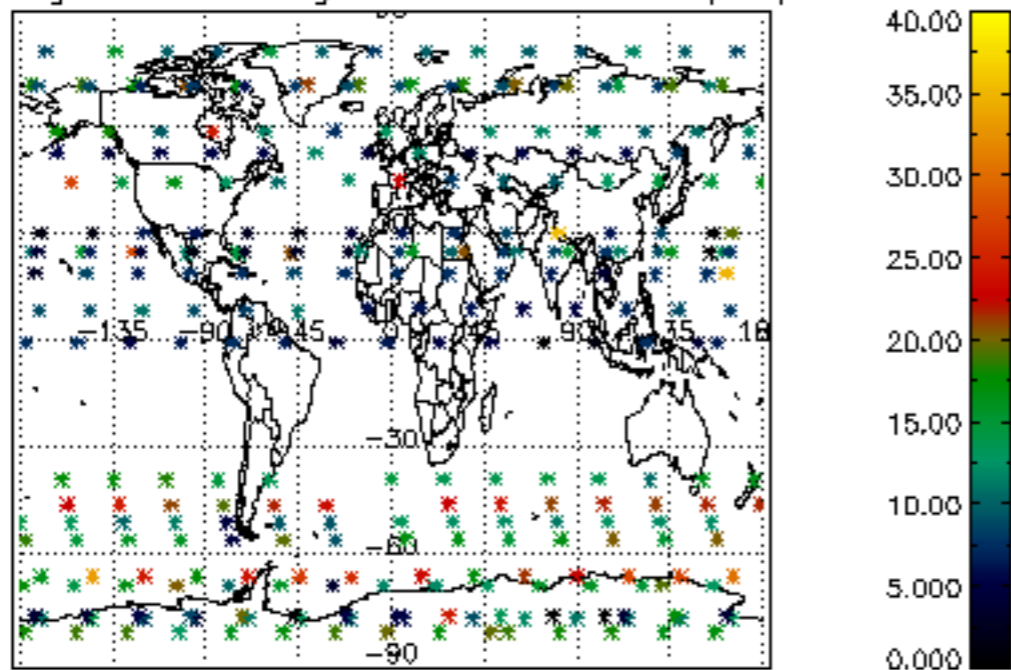
Percentage of cosmic ray hits per profile



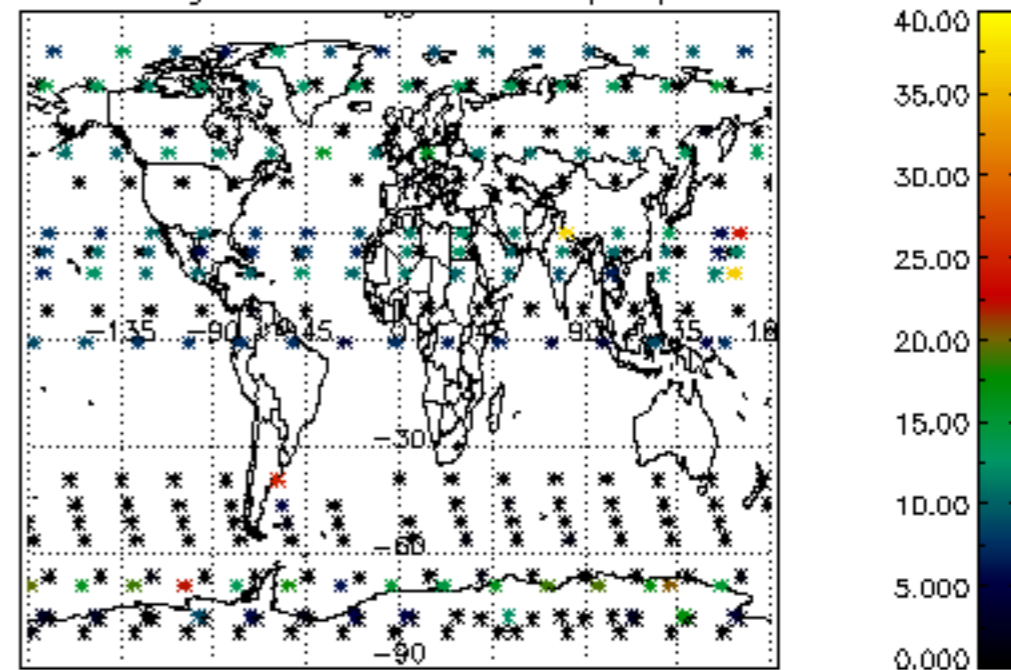
Percentage of datation errors per profile



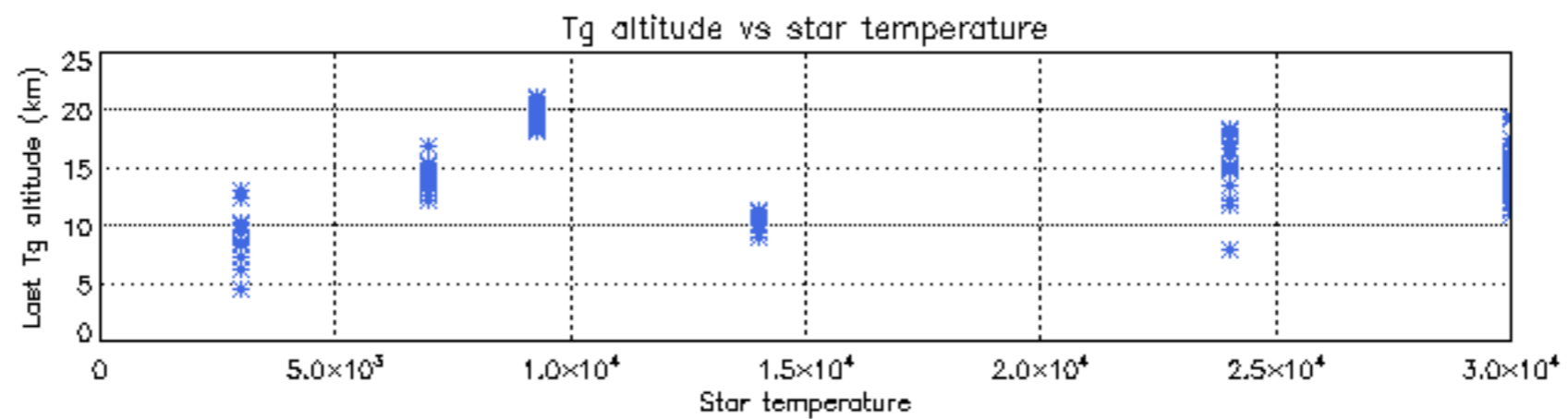
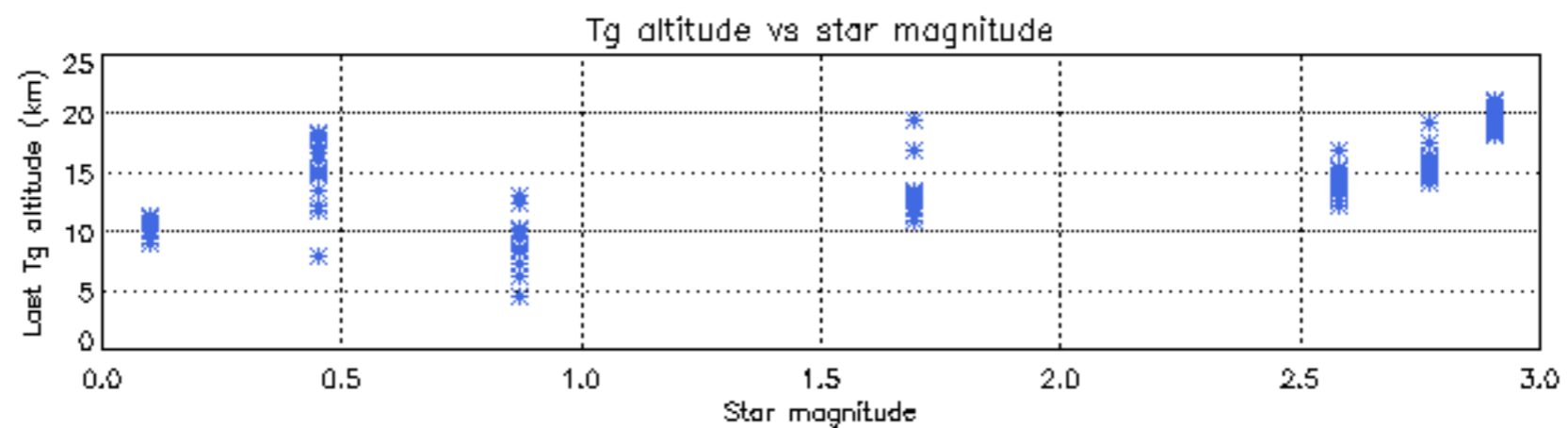
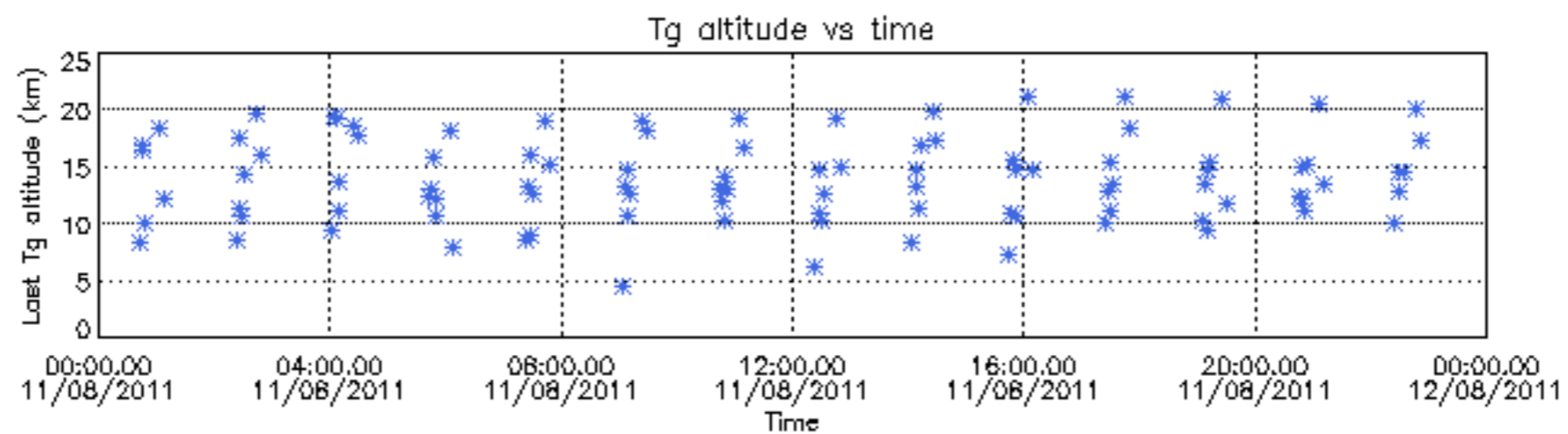
Percentage of star falling outside central band per profile



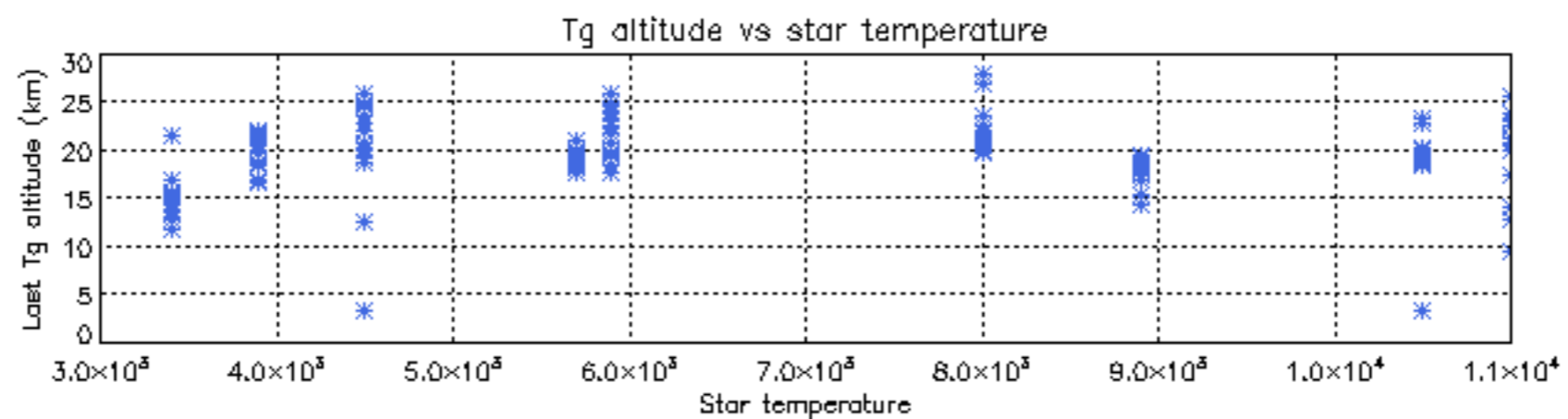
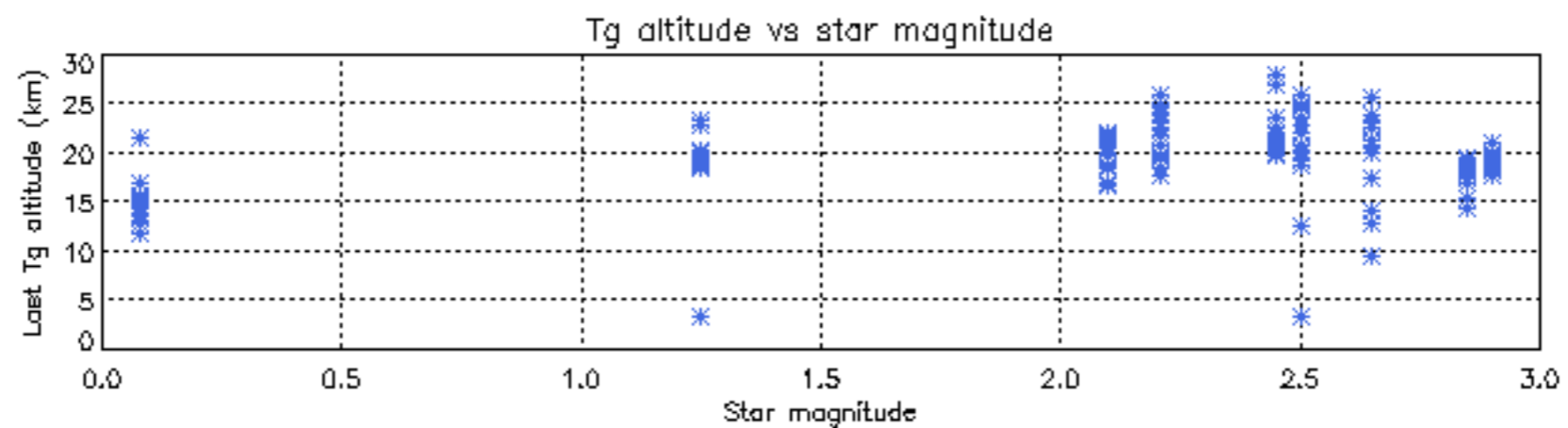
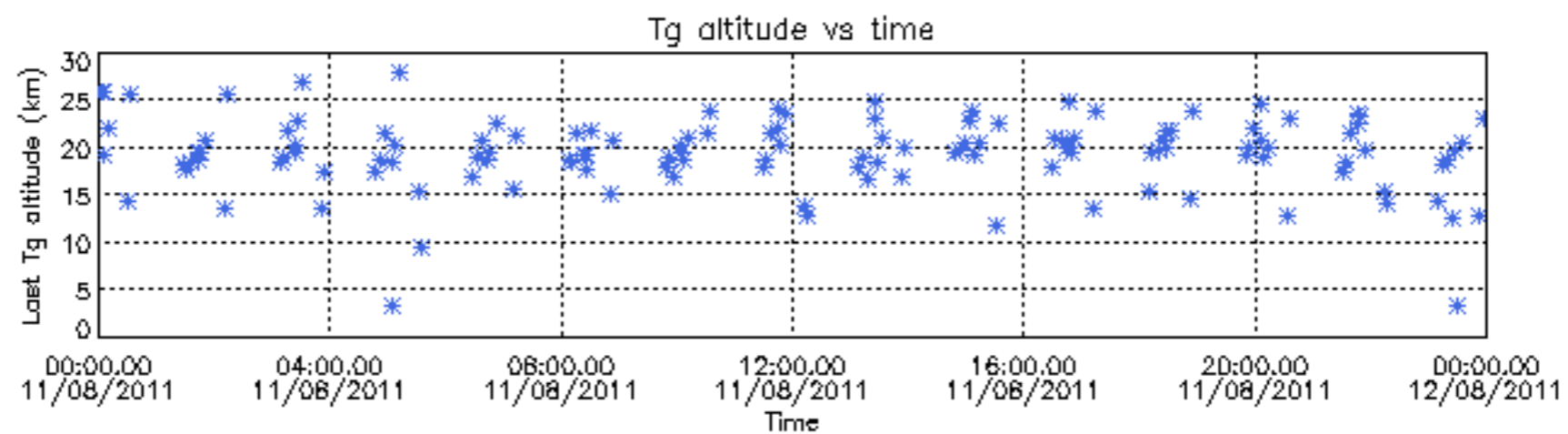
Percentage of saturation errors per profile



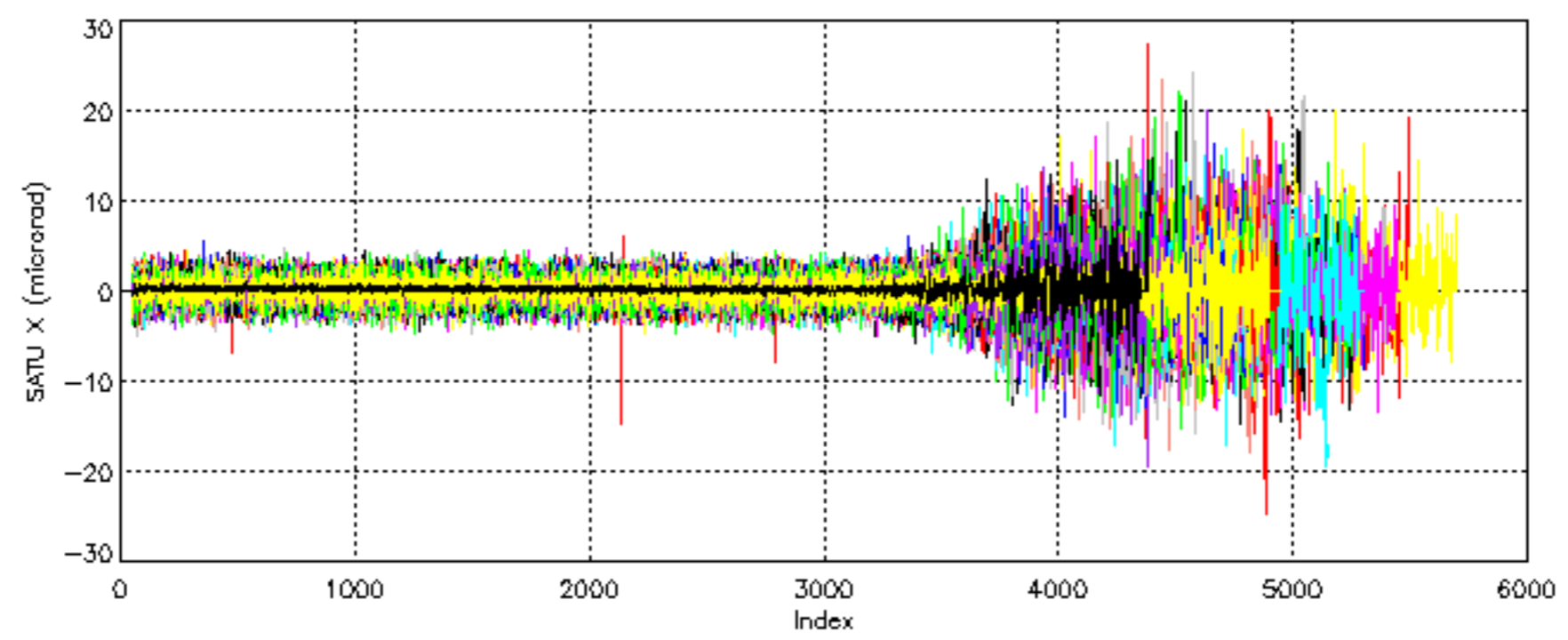
Tangent altitude at which the star is lost

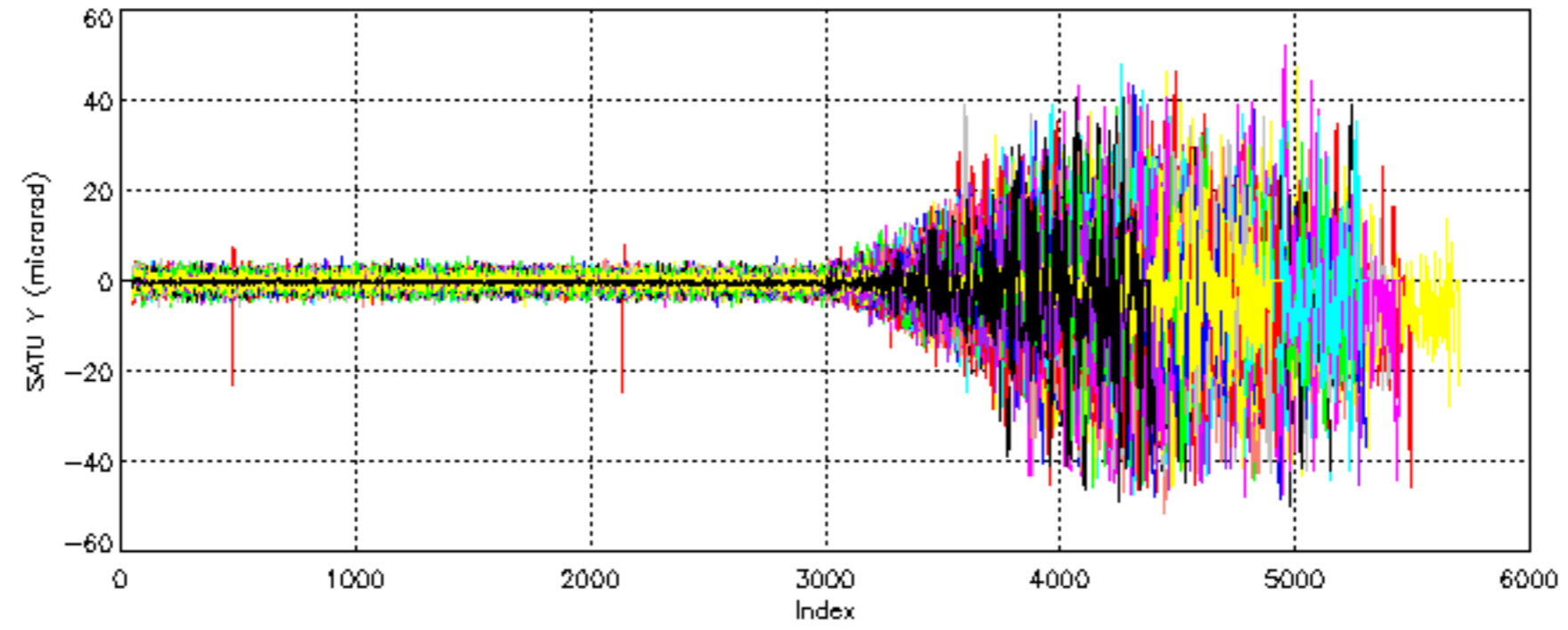


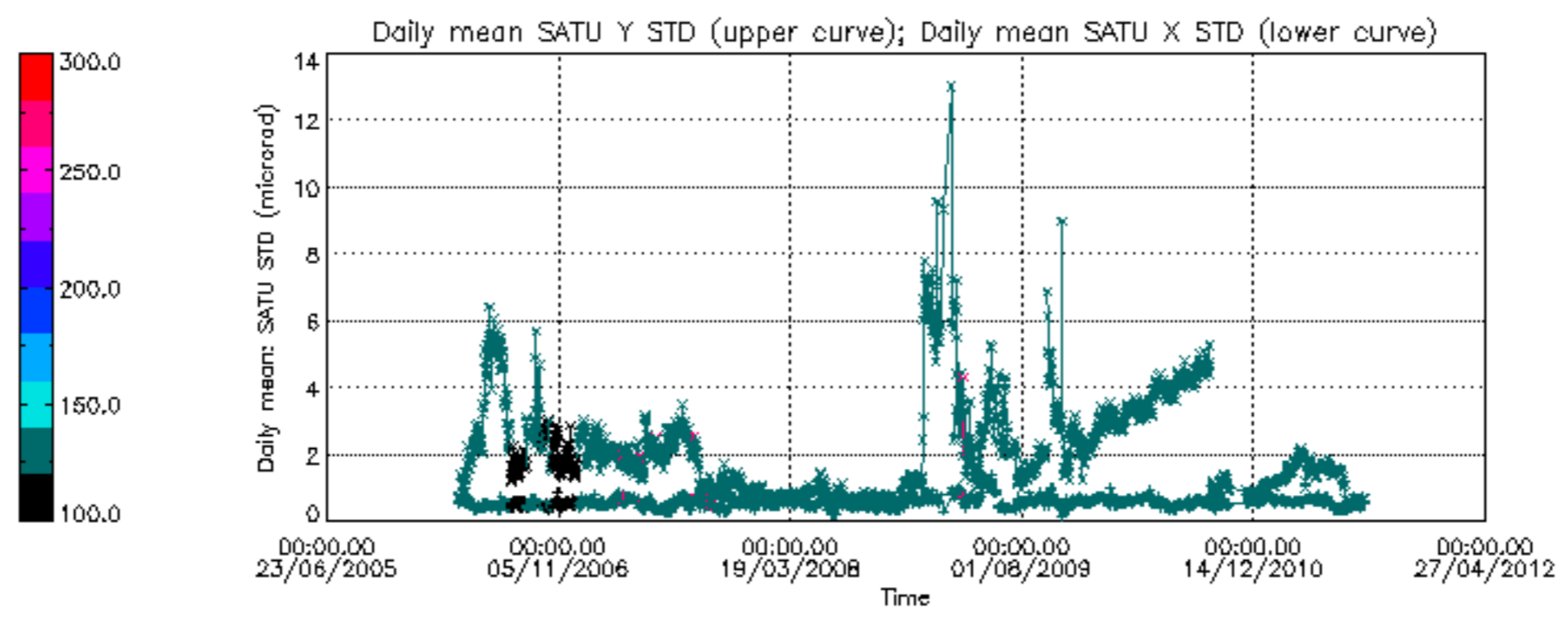
Tangent altitude at which the star is lost



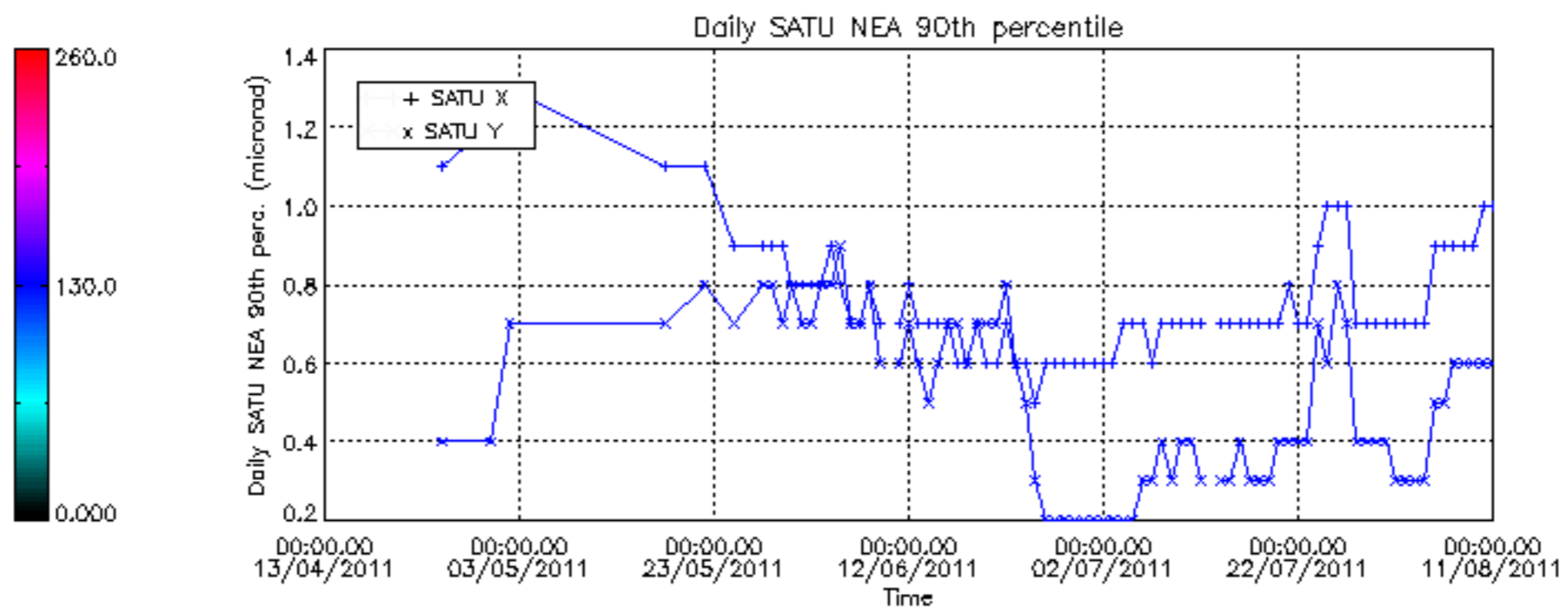












```

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20110801_103324_000008403105_00109_49261_4939.N1
 1; 313.1; 01-AUG-2011 10:33:24; Dark ; 50.5; 9; Alp Eri ; 0.45; 24000;occ; 101; 0;49261
 2; 604.0; 01-AUG-2011 10:38:15; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;49261
 3; 920.3; 01-AUG-2011 10:43:31; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;49261
 4; 1107.1; 01-AUG-2011 10:46:38; Dark ; 46.0; 172; Gam Gru ; 3.00; 13100;occ; 92; 0;49261
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110801_001705_000057693105_00102_49254_6225.N1
 1; -581.9; 01-AUG-2011 00:17:05; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;49254
 2; -292.6; 01-AUG-2011 00:21:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49254
 3; 308.7; 01-AUG-2011 00:31:56; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;49255
 4; 597.5; 01-AUG-2011 00:36:45; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;49255
 5; 917.1; 01-AUG-2011 00:42:04; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;49255
 6; 1104.3; 01-AUG-2011 00:45:11; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;49255
 7; 2045.9; 01-AUG-2011 01:00:53; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;49255
 8; 2557.5; 01-AUG-2011 01:09:25; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;49255
 9; 2677.0; 01-AUG-2011 01:11:24; Bright; 35.5; 144; 18Del Cyg ; 2.86; 11000;occ; 71; 0;49255
10; 3068.6; 01-AUG-2011 01:17:56; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;49255
11; 3952.5; 01-AUG-2011 01:32:40; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;49255
12; 4052.6; 01-AUG-2011 01:34:20; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;49255
13; 4179.7; 01-AUG-2011 01:36:27; Bright; 42.5; 6; 13Alp Aur ; 0.08; 3400;occ; 85; 0;49255
14; 4291.6; 01-AUG-2011 01:38:19; Bright; 47.5; 149; 45Eps Per ; 2.89; 30000;occ; 95; 0;49255
15; 4494.3; 01-AUG-2011 01:41:41; Dark ; 44.0; 28; 12Bet Tau ; 1.65; 15200;occ; 88; 0;49255
16; 4619.4; 01-AUG-2011 01:43:47; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;49255
17; 4770.3; 01-AUG-2011 01:46:17; Dark ; 49.0; 13; 87Alp Tau ; 0.87; 3800;occ; 98; 0;49255
18; 4890.4; 01-AUG-2011 01:48:18; Dark ; 40.0; 27; 24Gam Ori ; 1.64; 26000;occ; 80; 0;49255
19; 5005.2; 01-AUG-2011 01:50:12; Dark ; 39.0; 30; 46Eps Ori ; 1.69; 30000;occ; 78; 0;49255
20; 5154.1; 01-AUG-2011 01:52:41; Dark ; 33.5; 7; 19Bet Ori ; 0.10; 14000;occ; 67; 0;49255
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 4; 132.4; 10-AUG-2011 23:22:18; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;49398  
 5; 407.6; 10-AUG-2011 23:26:53; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;49398  
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 2; 1791.0; 10-AUG-2011 12:08:18; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;49391

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6; 2695.6; 10-AUG-2011 12:23:23; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;49391
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11; 4652.8; 10-AUG-2011 16:16:28; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;49393
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 7; 2592.5; 10-AUG-2011 19:02:36; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;49395  
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 11; 4340.3; 10-AUG-2011 19:31:44; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;49395  
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 35; 7801.5; 16-AUG-2011 03:27:07; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;49472  
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 37; 8110.4; 16-AUG-2011 03:32:16; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;49472  
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6; 2093.5; 16-AUG-2011 20:14:33; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;49482
7; 2483.8; 16-AUG-2011 20:21:03; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;49482
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7; 2481.6; 17-AUG-2011 19:44:17; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;49496
8; 2579.8; 17-AUG-2011 19:45:55; Bright; 35.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 71; 0;49496
9; 2673.3; 17-AUG-2011 19:47:29; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49496
10; 2990.2; 17-AUG-2011 19:52:46; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;49496
11; 3257.7; 17-AUG-2011 19:57:13; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;49496
12; 4167.6; 17-AUG-2011 20:12:23; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;49496
13; 4347.5; 17-AUG-2011 20:15:23; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;49496
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16; 4924.8; 17-AUG-2011 20:25:00; Dark ; 60.5; 14; 58Alp Ori ; 0.87; 3000;occ; 121; 0;49496
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19; 5308.3; 17-AUG-2011 20:31:24; Dark ; 66.0; 7; 19Bet Ori ; 0.10; 14000;occ; 132; 0;49496
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21; 5593.7; 17-AUG-2011 20:36:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49496
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23; 6489.1; 17-AUG-2011 20:51:04; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49497
24; 6836.7; 17-AUG-2011 20:56:52; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;49497
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 5; 251.4; 18-AUG-2011 01:48:03; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;49500  
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 9; 1258.3; 18-AUG-2011 02:04:49; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;49500  
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 9; -594.8; 18-AUG-2011 03:14:10; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;49500  
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4; 1787.4; 18-AUG-2011 20:36:13; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;49511
5; 1899.2; 18-AUG-2011 20:38:04; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;49511
6; 2086.1; 18-AUG-2011 20:41:11; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;49511
7; 2479.7; 18-AUG-2011 20:47:45; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;49511
8; 2671.1; 18-AUG-2011 20:50:56; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49511
9; 2987.0; 18-AUG-2011 20:56:12; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;49511
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13; 4539.7; 18-AUG-2011 21:22:05; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;49511
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13; 2085.8; 18-AUG-2011 22:21:25; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;49512
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 6; 2480.0; 18-AUG-2011 17:27:17; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;49509  
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 18; 5320.0; 18-AUG-2011 18:14:37; Dark ; 59.5; 7; 19Bet Ori ; 0.10; 14000;occ; 119; 0;49509  
 19; 5425.7; 18-AUG-2011 18:16:23; Dark ; 47.0; 101; 11Alp Lep ; 2.58; 7000;occ; 94; 0;49509  
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9; 2671.3; 18-AUG-2011 19:10:42; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49510  
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13; 4348.5; 18-AUG-2011 19:38:40; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;49510  
14; 4539.7; 18-AUG-2011 19:41:51; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;49510  
15; 4712.0; 18-AUG-2011 19:44:43; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;49510  
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3; -879.4; 19-AUG-2011 02:32:41; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;49514  
4; -792.4; 19-AUG-2011 02:34:08; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;49514  
5; -689.4; 19-AUG-2011 02:35:51; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;49514  
6; -584.7; 19-AUG-2011 02:37:36; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;49514  
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9; 487.3; 19-AUG-2011 02:55:28; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;49515  
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19; 2670.6; 19-AUG-2011 03:31:51; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;49515  
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15; 1264.4; 19-AUG-2011 04:48:39; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;49516  
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17; 1787.4; 19-AUG-2011 04:57:22; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;49516  
18; 1898.3; 19-AUG-2011 04:59:13; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;49516  
19; 2085.0; 19-AUG-2011 05:02:20; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;49516  
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22; 2670.5; 19-AUG-2011 05:12:05; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49516  
23; 2985.9; 19-AUG-2011 05:17:21; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49516  
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10; 1593.6; 22-AUG-2011 23:06:43; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;49570  
 11; 1788.6; 22-AUG-2011 23:09:58; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;49570  
 12; 1891.0; 22-AUG-2011 23:11:41; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;49570  
 13; 2074.3; 22-AUG-2011 23:14:44; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;49570  
 14; 2473.7; 22-AUG-2011 23:21:24; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;49570  
 15; 2664.8; 22-AUG-2011 23:24:35; Bright; 34.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 69; 0;49570  
 16; 2975.2; 22-AUG-2011 23:29:45; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49570  
 17; 3203.3; 22-AUG-2011 23:33:33; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49570  
 18; 3335.9; 22-AUG-2011 23:35:46; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;49570  
 19; 4157.2; 22-AUG-2011 23:49:27; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;49570  
 20; 4351.4; 22-AUG-2011 23:52:41; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;49570  
 21; 4629.6; 22-AUG-2011 23:57:19; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;49570  
 22; 4728.7; 22-AUG-2011 23:58:59; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;49570  
 23; 4963.0; 23-AUG-2011 00:02:53; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;49570  
 24; 5176.5; 23-AUG-2011 00:06:26; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;49570  
 25; 5287.8; 23-AUG-2011 00:08:18; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;49570  
 26; 5380.3; 23-AUG-2011 00:09:50; Dark ; 41.5; 7; 19Bet Ori ; 0.10; 14000;occ; 83; 0;49570

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 3; -1464.0; 22-AUG-2011 07:13:40; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;49560  
 4; -1288.2; 22-AUG-2011 07:16:36; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;49560  
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 6; -963.1; 22-AUG-2011 07:22:01; Dark ; 43.0; 27; 24Gam Ori ; 1.64; 26000;occ; 86; 0;49560  
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 8; -730.5; 22-AUG-2011 07:25:54; Dark ; 48.0; 1; 9Alp CMA ; -1.44; 11000;occ; 96; 0;49560  
 9; -644.2; 22-AUG-2011 07:27:20; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;49560  
 10; -487.4; 22-AUG-2011 07:29:57; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;49560  
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 12; 325.3; 22-AUG-2011 07:43:29; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;49561  
 13; 517.5; 22-AUG-2011 07:46:42; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;49561  
 14; 871.3; 22-AUG-2011 07:52:35; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;49561  
 15; 998.7; 22-AUG-2011 07:54:43; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;49561  
 16; 1280.7; 22-AUG-2011 07:59:25; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;49561  
 17; 1592.5; 22-AUG-2011 08:04:37; Bright; 40.5; 142; 49Del Cap ; 2.85; 8900;occ; 81; 0;49561

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 2; 1892.0; 22-AUG-2011 08:09:36; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;49561  
 3; 2075.9; 22-AUG-2011 08:12:40; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49561  
 4; 2474.3; 22-AUG-2011 08:19:18; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;49561  
 5; 2665.6; 22-AUG-2011 08:22:30; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49561  
 6; 2976.8; 22-AUG-2011 08:27:41; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49561  
 7; 3210.0; 22-AUG-2011 08:31:34; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;49561  
 8; 3342.6; 22-AUG-2011 08:33:47; Bright; 32.0; 76; 27Gam Cas ; 2.30; 30000;occ; 64; 0;49561  
 9; 4158.7; 22-AUG-2011 08:47:23; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;49561  
 10; 4351.0; 22-AUG-2011 08:50:35; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;49561  
 11; 4550.2; 22-AUG-2011 08:53:54; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;49561  
 12; 4726.2; 22-AUG-2011 08:56:50; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 0;49561  
 13; 4958.1; 22-AUG-2011 09:00:42; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;49561  
 14; 5051.7; 22-AUG-2011 09:02:16; Dark ; 43.0; 27; 24Gam Ori ; 1.64; 26000;occ; 86; 0;49561  
 15; 5169.4; 22-AUG-2011 09:04:14; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;49561  
 16; 5283.9; 22-AUG-2011 09:06:08; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;49561  
 17; 5370.7; 22-AUG-2011 09:07:35; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;49561  
 18; 5527.5; 22-AUG-2011 09:10:12; Dark ; 52.5; 139; 9Bet Lep ; 2.83; 5600;occ; 105; 0;49561  
 19; 5649.0; 22-AUG-2011 09:12:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49561  
 20; 6340.5; 22-AUG-2011 09:23:45; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;49562  
 21; 6532.2; 22-AUG-2011 09:26:56; Dark ; 53.0; 9; Alp Eri ; 0.45; 24000;occ; 106; 0;49562  
 22; 6885.9; 22-AUG-2011 09:32:50; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49562  
 23; 7013.1; 22-AUG-2011 09:34:57; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;49562  
 24; 7295.0; 22-AUG-2011 09:39:39; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;49562  
 25; 7606.6; 22-AUG-2011 09:44:51; Bright; 40.0; 142; 49Del Cap ; 2.85; 8900;occ; 80; 0;49562

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 3; -356.7; 23-AUG-2011 00:14:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49570  
 4; 337.6; 23-AUG-2011 00:26:01; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;49571  
 5; 524.1; 23-AUG-2011 00:29:08; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;49571  
 6; 878.2; 23-AUG-2011 00:35:02; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49571



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7; 1002.3; 23-AUG-2011 00:37:06; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;49571
8; 1284.1; 23-AUG-2011 00:41:48; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;49571
9; 1593.6; 23-AUG-2011 00:46:57; Bright; 39.5; 142; 49Del Cap ; 2.85; 8900;occ; 79; 0;49571
10; 1788.7; 23-AUG-2011 00:50:12; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49571
11; 1890.8; 23-AUG-2011 00:51:55; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;49571
12; 2074.3; 23-AUG-2011 00:54:58; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;49571
13; 2473.7; 23-AUG-2011 01:01:37; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49571
14; 2664.9; 23-AUG-2011 01:04:49; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;49571
15; 2975.1; 23-AUG-2011 01:09:59; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49571
16; 3202.8; 23-AUG-2011 01:13:47; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;49571
17; 3335.3; 23-AUG-2011 01:15:59; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;49571
18; 4157.1; 23-AUG-2011 01:29:41; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;49571
19; 4351.6; 23-AUG-2011 01:32:55; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;49571
20; 4629.9; 23-AUG-2011 01:37:34; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;49571
21; 4729.1; 23-AUG-2011 01:39:13; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;49571
22; 4963.6; 23-AUG-2011 01:43:07; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;49571
23; 5177.4; 23-AUG-2011 01:46:41; Dark ; 34.0; 30; 46Eps Ori ; 1.69; 30000;occ; 68; 0;49571
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2; -725.5; 23-AUG-2011 01:48:32; Dark ; 46.5; 1; 9Alp CMa ; -1.44; 11000;occ; 93; 0;49571
3; -632.4; 23-AUG-2011 01:50:05; Dark ; 69.0; 7; 19Bet Ori ; 0.10; 14000;occ; 138; 0;49571
4; -477.4; 23-AUG-2011 01:52:40; Dark ; 53.5; 139; 9Bet Lep ; 2.83; 5600;occ; 107; 0;49571
5; -355.8; 23-AUG-2011 01:54:42; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49571
6; 338.8; 23-AUG-2011 02:06:17; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;49572
7; 524.9; 23-AUG-2011 02:09:23; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;49572
8; 879.1; 23-AUG-2011 02:15:17; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;49572
9; 1002.9; 23-AUG-2011 02:17:21; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;49572
10; 1284.5; 23-AUG-2011 02:22:02; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;49572
11; 1593.8; 23-AUG-2011 02:27:11; Bright; 40.5; 142; 49Del Cap ; 2.85; 8900;occ; 81; 0;49572
12; 1788.7; 23-AUG-2011 02:30:26; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;49572
13; 1890.6; 23-AUG-2011 02:32:08; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;49572
14; 2074.1; 23-AUG-2011 02:35:12; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49572
15; 2473.6; 23-AUG-2011 02:41:51; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;49572
16; 2664.8; 23-AUG-2011 02:45:03; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;49572
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4; -1284.5; 23-AUG-2011 03:19:27; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;49572
5; -1049.8; 23-AUG-2011 03:23:22; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;49572
6; -835.6; 23-AUG-2011 03:26:56; Dark ; 57.5; 30; 46Eps Ori ; 1.69; 30000;occ; 115; 0;49572
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9; -476.5; 23-AUG-2011 03:32:55; Dark ; 49.5; 139; 9Bet Lep ; 2.83; 5600;occ; 99; 0;49572
10; -354.9; 23-AUG-2011 03:34:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49572
11; 340.2; 23-AUG-2011 03:46:32; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;49573
12; 525.5; 23-AUG-2011 03:49:37; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49573
13; 879.9; 23-AUG-2011 03:55:32; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;49573
14; 1003.3; 23-AUG-2011 03:57:35; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;49573
15; 1285.0; 23-AUG-2011 04:02:17; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;49573
16; 1594.0; 23-AUG-2011 04:07:26; Bright; 41.5; 142; 49Del Cap ; 2.85; 8900;occ; 83; 0;49573
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19; 2074.0; 23-AUG-2011 04:15:26; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49573
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21; 2664.8; 23-AUG-2011 04:25:16; Bright; 53.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 106; 0;49573
22; 2974.7; 23-AUG-2011 04:30:26; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;49573
23; 3201.4; 23-AUG-2011 04:34:13; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;49573
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5; 2473.1; 23-AUG-2011 14:23:29; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;49579
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4; 407.5; 26-AUG-2011 23:40:28; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;49628
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36; 8530.4; 27-AUG-2011 03:36:04; Bright; 45.0; 164; 44Eta Peg ; 2.95; 5400;occ; 90; 0;49630
37; 8979.8; 27-AUG-2011 03:43:34; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49630
38; 9176.0; 27-AUG-2011 03:46:50; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49630
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2; 1885.4; 27-AUG-2011 13:26:57; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;49636
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4; 2512.8; 27-AUG-2011 13:37:25; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;49636
5; 2965.0; 27-AUG-2011 13:44:57; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49636
6; 3158.0; 27-AUG-2011 13:48:10; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49636
7; 3288.0; 27-AUG-2011 13:50:20; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;49636
8; 4144.7; 27-AUG-2011 14:04:37; Bright; 38.0; 6; 13Alp Aur ; 0.08; 3400;occ; 76; 0;49636
9; 4353.7; 27-AUG-2011 14:08:06; Bright; 48.5; 107; 37The Aur ; 2.65; 11000;occ; 97; 0;49636
10; 4647.4; 27-AUG-2011 14:12:59; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;49636
11; 4750.0; 27-AUG-2011 14:14:42; Dark ; 51.0; 44; 24Gam Gem ; 1.93; 11000;occ; 102; 0;49636
12; 4837.8; 27-AUG-2011 14:16:10; Dark ; 42.0; 153; 3Bet CMI ; 2.89; 13100;occ; 84; 0;49636
13; 5004.5; 27-AUG-2011 14:18:56; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;49636
14; 5320.5; 27-AUG-2011 14:24:12; Dark ; 50.5; 1; 9Alp CMA ; -1.44; 11000;occ; 101; 0;49636
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16; 5722.3; 27-AUG-2011 14:30:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49636
17; 6432.5; 27-AUG-2011 14:42:44; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;49637
18; 6580.3; 27-AUG-2011 14:45:12; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49637
19; 6936.8; 27-AUG-2011 14:51:09; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;49637
20; 7040.1; 27-AUG-2011 14:52:52; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;49637
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3; 2066.0; 27-AUG-2011 15:10:12; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;49637
4; 2512.5; 27-AUG-2011 15:17:38; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;49637
5; 2965.0; 27-AUG-2011 15:25:11; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49637
6; 3157.4; 27-AUG-2011 15:28:23; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;49637
7; 3287.3; 27-AUG-2011 15:30:33; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;49637
8; 4144.6; 27-AUG-2011 15:44:50; Bright; 38.0; 6; 13Alp Aur ; 0.08; 3400;occ; 76; 0;49637
9; 4353.9; 27-AUG-2011 15:48:20; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;49637
10; 4647.9; 27-AUG-2011 15:53:14; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;49637
11; 4750.5; 27-AUG-2011 15:54:56; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;49637
12; 4838.0; 27-AUG-2011 15:56:24; Dark ; 38.5; 153; 3Bet CMI ; 2.89; 13100;occ; 77; 0;49637
13; 5005.3; 27-AUG-2011 15:59:11; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;49637
14; 5321.1; 27-AUG-2011 16:04:27; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;49637
15; 5540.2; 27-AUG-2011 16:08:06; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;49637
16; 5723.5; 27-AUG-2011 16:11:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49637
17; 6433.7; 27-AUG-2011 16:23:00; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;49638
18; 6581.0; 27-AUG-2011 16:25:27; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;49638
19; 6937.5; 27-AUG-2011 16:31:23; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;49638
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 3; 1792.1; 27-AUG-2011 16:45:52; Bright; 38.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 77; 0;49638  
 4; 1885.2; 27-AUG-2011 16:47:25; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;49638  
 5; 2065.8; 27-AUG-2011 16:50:26; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49638  
 6; 2511.8; 27-AUG-2011 16:57:52; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;49638  
 7; 2964.8; 27-AUG-2011 17:05:25; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49638  
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 9; 3286.6; 27-AUG-2011 17:10:46; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;49638  
 10; 4144.3; 27-AUG-2011 17:25:04; Bright; 32.0; 6; 13Alp Aur ; 0.08; 3400;occ; 64; 0;49638  
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 12; 4648.1; 27-AUG-2011 17:33:28; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;49638  
 13; 4750.6; 27-AUG-2011 17:35:10; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;49638  
 14; 4838.4; 27-AUG-2011 17:36:38; Dark ; 40.0; 153; 3Bet CMI ; 2.89; 13100;occ; 80; 0;49638  
 15; 5006.0; 27-AUG-2011 17:39:26; Dark ; 71.5; 14; 58Alp Ori ; 0.87; 3000;occ; 143; 0;49638  
 16; 5321.5; 27-AUG-2011 17:44:41; Dark ; 47.5; 1; 9Alp CMA ; -1.44; 11000;occ; 95; 0;49638  
 17; 5541.2; 27-AUG-2011 17:48:21; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;49638  
 18; 5724.5; 27-AUG-2011 17:51:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49638  
 19; 6435.0; 27-AUG-2011 18:03:15; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;49639  
 20; 6581.6; 27-AUG-2011 18:05:41; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49639  
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 5; 2065.5; 27-AUG-2011 20:10:53; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;49640  
 6; 2510.6; 27-AUG-2011 20:18:19; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;49640  
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 8; 3155.1; 27-AUG-2011 20:29:03; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49640  
 9; 3284.9; 27-AUG-2011 20:31:13; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;49640  
 10; 4143.7; 27-AUG-2011 20:45:32; Bright; 26.0; 6; 13Alp Aur ; 0.08; 3400;occ; 52; 0;49640  
 11; 4353.8; 27-AUG-2011 20:49:02; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;49640  
 12; 4648.6; 27-AUG-2011 20:53:57; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;49640  
 13; 4751.3; 27-AUG-2011 20:55:39; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;49640  
 14; 4838.8; 27-AUG-2011 20:57:07; Dark ; 40.5; 153; 3Bet CMI ; 2.89; 13100;occ; 81; 0;49640  
 15; 5007.3; 27-AUG-2011 20:59:55; Dark ; 6.0; 14; 58Alp Ori ; 0.87; 3000;occ; 12; 0;49640

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 4; 424.5; 27-AUG-2011 23:04:00; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;49642  
 5; 569.5; 27-AUG-2011 23:06:25; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49642  
 6; 925.7; 27-AUG-2011 23:12:22; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;49642  
 7; 1306.5; 27-AUG-2011 23:18:42; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;49642  
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 9; 1792.0; 27-AUG-2011 23:26:48; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49642  
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 11; 2065.3; 27-AUG-2011 23:31:21; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;49642  
 12; 2509.3; 27-AUG-2011 23:38:45; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;49642  
 13; 2964.0; 27-AUG-2011 23:46:20; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;49642  
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 15; 3283.6; 27-AUG-2011 23:51:39; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;49642  
 16; 4190.2; 28-AUG-2011 00:06:46; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;49642  
 17; 4353.6; 28-AUG-2011 00:09:29; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;49642  
 18; 4649.0; 28-AUG-2011 00:14:25; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;49642  
 19; 4751.8; 28-AUG-2011 00:16:08; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;49642  
 20; 4839.3; 28-AUG-2011 00:17:35; Dark ; 40.0; 153; 3Bet CMI ; 2.89; 13100;occ; 80; 0;49642  
 21; 5008.6; 28-AUG-2011 00:20:24; Dark ; 67.5; 14; 58Alp Ori ; 0.87; 3000;occ; 135; 0;49642  
 22; 5240.2; 28-AUG-2011 00:24:16; Dark ; 52.0; 33; 50Zet Ori ; 1.77; 30000;occ; 104; 0;49642  
 23; 5323.3; 28-AUG-2011 00:25:39; Dark ; 27.5; 1; 9Alp CMA ; -1.44; 11000;occ; 55; 0;49642

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6; 2511.1; 27-AUG-2011 18:38:05; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;49639  
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9; 3285.7; 27-AUG-2011 18:51:00; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;49639  
10; 4143.9; 27-AUG-2011 19:05:18; Bright; 32.0; 6; 13Alp Aur ; 0.08; 3400;occ; 64; 0;49639  
11; 4353.8; 27-AUG-2011 19:08:48; Bright; 56.5; 107; 37The Aur ; 2.65; 11000;occ; 113; 0;49639  
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13; 4751.0; 27-AUG-2011 19:15:25; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;49639  
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18; 5725.6; 27-AUG-2011 19:31:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49639  
19; 6436.2; 27-AUG-2011 19:43:30; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49640  
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3; -467.7; 28-AUG-2011 02:09:36; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;49643  
4; -284.2; 28-AUG-2011 02:12:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49643  
5; 427.1; 28-AUG-2011 02:24:31; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;49644  
6; 570.8; 28-AUG-2011 02:26:54; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;49644  
7; 927.0; 28-AUG-2011 02:32:51; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49644  
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11; 1884.9; 28-AUG-2011 02:48:48; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;49644  
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14; 1307.8; 28-AUG-2011 04:19:25; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;49645  
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 9; 4355.0; 31-AUG-2011 08:20:41; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;49690
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13; 5603.0; 31-AUG-2011 13:42:11; Dark ; 57.5; 101; 11Alp Lep ; 2.58; 7000;occ; 115; 0;49693
14; 5785.4; 31-AUG-2011 13:45:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49693
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