

# GOMOS Daily Report 10-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	13AUG2011 07:05:36
Data source version	GOMOS/6.01
Start time of products	10AUG2011 00:03:28
Stop time of products	10AUG2011 23:55:28
Store outputs in DB	Yes
Nb of level 1b prods	297
Nb of prods with errors	4

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

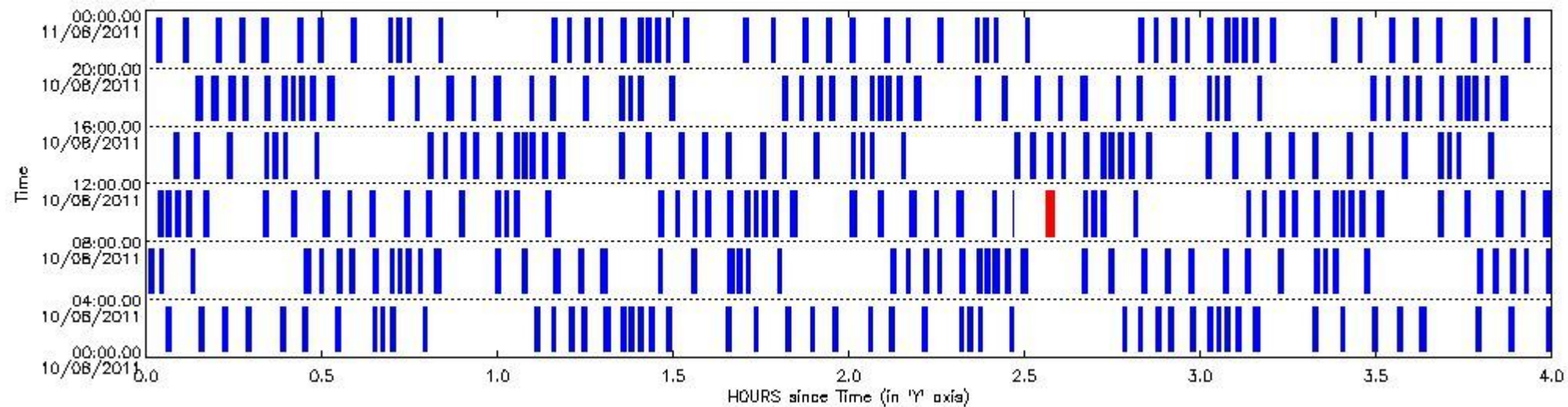
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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
10-AUG-2011 10:33:45	8EpsPeg	61	49390

### 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_1PNPDE20110810_000328_000000493105_00232_49384_3115.N1	10-AUG-2011 00:03:28	Dark	49.000	9	Alp Eri	0.45300	24000.	98	49384	No
2	GOM_TRA_1PNPDE20110810_000855_000000543105_00232_49384_3116.N1	10-AUG-2011 00:08:55	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49384	No
3	GOM_TRA_1PNPDE20110810_001306_000000423105_00232_49384_3117.N1	10-AUG-2011 00:13:06	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49384	No
4	GOM_TRA_1PNPDE20110810_001657_000000593105_00232_49384_3118.N1	10-AUG-2011 00:16:57	Twilight_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	49384	No
5	GOM_TRA_1PNPDE20110810_002302_000000483105_00232_49384_3119.N1	10-AUG-2011 00:23:02	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	49384	No
6	GOM_TRA_1PNPDE20110810_002641_000000453105_00232_49384_3120.N1	10-AUG-2011 00:26:41	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	49384	No
7	GOM_TRA_1PNPDE20110810_003218_000000483105_00232_49384_3121.N1	10-AUG-2011 00:32:18	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	49384	No
8	GOM_TRA_1PNPDE20110810_003836_000000373105_00232_49384_3122.N1	10-AUG-2011 00:38:36	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	49384	No
9	GOM_TRA_1PNPDE20110810_004004_000000363105_00232_49384_3123.N1	10-AUG-2011 00:40:04	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	49384	No
10	GOM_TRA_1PNPDE20110810_004147_000000413105_00232_49384_3124.N1	10-AUG-2011 00:41:47	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	49384	No

11	GOM_TRA_1PNPDE20110810_004711_000000403105_00232_49384_3125.N1	10-AUG-2011 00:47:11	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49384	No
12	GOM_TRA_1PNPDE20110810_010626_000000463105_00232_49384_3126.N1	10-AUG-2011 01:06:26	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	49384	No
13	GOM_TRA_1PNPDE20110810_010909_000000393105_00232_49384_3127.N1	10-AUG-2011 01:09:09	Bright	39.000	107	37The Aur	2.6490	11000.	78	49384	No
14	GOM_TRA_1PNPDE20110810_011206_000000513105_00232_49384_3128.N1	10-AUG-2011 01:12:06	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	49384	No
15	GOM_TRA_1PNPDE20110810_011420_000000453105_00232_49384_3129.N1	10-AUG-2011 01:14:20	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	49384	No
16	GOM_TRA_1PNPDE20110810_011809_000000573105_00232_49384_3130.N1	10-AUG-2011 01:18:09	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	49384	No
17	GOM_TRA_1PNPDE20110810_012108_000000483105_00232_49384_3131.N1	10-AUG-2011 01:21:08	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	49384	No
18	GOM_TRA_1PNPDE20110810_012231_000000443105_00232_49384_3132.N1	10-AUG-2011 01:22:31	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	49384	No
19	GOM_TRA_1PNPDE20110810_012354_000000543105_00232_49384_3133.N1	10-AUG-2011 01:23:54	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	49384	No
20	GOM_TRA_1PNPDE20110810_012554_000000443105_00232_49384_3157.N1	10-AUG-2011 01:25:54	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49384	No
21	GOM_TRA_1PNPDE20110810_013902_000000503105_00233_49385_3158.N1	10-AUG-2011 01:39:02	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49385	No
22	GOM_TRA_1PNPDE20110810_014342_000000443105_00233_49385_3159.N1	10-AUG-2011 01:43:42	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49385	No
23	GOM_TRA_1PNPDE20110810_014910_000000563105_00233_49385_3160.N1	10-AUG-2011 01:49:10	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49385	No
24	GOM_TRA_1PNPDE20110810_015321_000000443105_00233_49385_3161.N1	10-AUG-2011 01:53:21	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49385	No
25	GOM_TRA_1PNPDE20110810_015711_000000553105_00233_49385_3162.N1	10-AUG-2011 01:57:11	Twilight	55.000	18	24Alp PsA	1.1660	9700.0	110	49385	No
26	GOM_TRA_1PNPDE20110810_020316_000000473105_00233_49385_3163.N1	10-AUG-2011 02:03:16	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	49385	No
27	GOM_TRA_1PNPDE20110810_020655_000000453105_00233_49385_3164.N1	10-AUG-2011 02:06:55	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	49385	No
28	GOM_TRA_1PNPDE20110810_021231_000000513105_00233_49385_3165.N1	10-AUG-2011 02:12:31	Bright	50.500	61	8Eps Peg	2.1000	3900.0	101	49385	No
29	GOM_TRA_1PNPDE20110810_021850_000000413105_00233_49385_3166.N1	10-AUG-2011 02:18:50	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49385	No
30	GOM_TRA_1PNPDE20110810_022018_000000393105_00233_49385_3167.N1	10-AUG-2011 02:20:18	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49385	No
31	GOM_TRA_1PNPDE20110810_022201_000000403105_00233_49385_3168.N1	10-AUG-2011 02:22:01	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49385	No
32	GOM_TRA_1PNPDE20110810_022724_000000363105_00233_49385_3169.N1	10-AUG-2011 02:27:24	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	49385	No
33	GOM_TRA_1PNPDE20110810_024640_000000473105_00233_49385_3170.N1	10-AUG-2011 02:46:40	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	49385	No
34	GOM_TRA_1PNPDE20110810_024923_000000453105_00233_49385_3171.N1	10-AUG-2011 02:49:23	Bright	45.000	107	37The Aur	2.6490	11000.	90	49385	No
35	GOM_TRA_1PNPDE20110810_025220_000000493105_00233_49385_3172.N1	10-AUG-2011 02:52:20	Twilight	49.000	28	12Bet Tau	1.6500	15200.	98	49385	No
36	GOM_TRA_1PNPDE20110810_025434_000000443105_00233_49385_3173.N1	10-AUG-2011 02:54:34	Twilight	43.500	176	23Zet Tau	3.0200	22000.	87	49385	No
37	GOM_TRA_1PNPDE20110810_025823_000000503105_00233_49385_3174.N1	10-AUG-2011 02:58:23	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	49385	No
38	GOM_TRA_1PNPDE20110810_030123_000000483105_00233_49385_3175.N1	10-AUG-2011 03:01:23	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	49385	No
39	GOM_TRA_1PNPDE20110810_030245_000000443105_00233_49385_3176.N1	10-AUG-2011 03:02:45	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	49385	No
40	GOM_TRA_1PNPDE20110810_030408_000000533105_00233_49385_3177.N1	10-AUG-2011 03:04:08	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49385	No
41	GOM_TRA_1PNPDE20110810_030608_000000453105_00233_49385_3178.N1	10-AUG-2011 03:06:08	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49385	No
42	GOM_TRA_1PNPDE20110810_031917_000000493105_00234_49386_3179.N1	10-AUG-2011 03:19:17	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49386	No
43	GOM_TRA_1PNPDE20110810_032357_000000443105_00234_49386_3180.N1	10-AUG-2011 03:23:57	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49386	No
44	GOM_TRA_1PNPDE20110810_032925_000000533105_00234_49386_3181.N1	10-AUG-2011 03:29:25	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49386	No
45	GOM_TRA_1PNPDE20110810_033335_000000483105_00234_49386_3182.N1	10-AUG-2011 03:33:35	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49386	No
46	GOM_TRA_1PNPDE20110810_033726_000000593105_00234_49386_3183.N1	10-AUG-2011 03:37:26	Twilight	58.500	18	24Alp PsA	1.1660	9700.0	117	49386	No
47	GOM_TRA_1PNPDE20110810_034709_000000463105_00234_49386_3184.N1	10-AUG-2011 03:47:09	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	49386	No
48	GOM_TRA_1PNPDE20110810_035245_000000483105_00234_49386_3185.N1	10-AUG-2011 03:52:45	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	49386	No
49	GOM_TRA_1PNPDE20110810_035904_000000413105_00234_49386_3186.N1	10-AUG-2011 03:59:04	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49386	No
50	GOM_TRA_1PNPDE20110810_040032_000000393105_00234_49386_3187.N1	10-AUG-2011 04:00:32	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49386	No
51	GOM_TRA_1PNPDE20110810_040215_000000383105_00234_49386_3188.N1	10-AUG-2011 04:02:15	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	49386	No
52	GOM_TRA_1PNPDE20110810_040738_000000353105_00234_49386_3189.N1	10-AUG-2011 04:07:38	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	49386	No
53	GOM_TRA_1PNPDE20110810_042654_000000603105_00234_49386_3197.N1	10-AUG-2011 04:26:54	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	49386	No
54	GOM_TRA_1PNPDE20110810_042937_000000373105_00234_49386_3198.N1	10-AUG-2011 04:29:37	Bright	37.000	107	37The Aur	2.6490	11000.	74	49386	No
55	GOM_TRA_1PNPDE20110810_043234_000000483105_00234_49386_3199.N1	10-AUG-2011 04:32:34	Twilight	47.500	28	12Bet Tau	1.6500	15200.	95	49386	No
56	GOM_TRA_1PNPDE20110810_043448_000000433105_00234_49386_3200.N1	10-AUG-2011 04:34:48	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	49386	No
57	GOM_TRA_1PNPDE20110810_043837_000000553105_00234_49386_3201.N1	10-AUG-2011 04:38:37	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	49386	No
58	GOM_TRA_1PNPDE20110810_044137_000000423105_00234_49386_3202.N1	10-AUG-2011 04:41:37	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49386	No
59	GOM_TRA_1PNPDE20110810_044300_000000413105_00234_49386_3203.N1	10-AUG-2011 04:43:00	Dark	40.500	125	44Iot Ori	2.7700	30000.	81	49386	No
60	GOM_TRA_1PNPDE20110810_044423_000000503105_00234_49386_3204.N1	10-AUG-2011 04:44:23	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	49386	No
61	GOM_TRA_1PNPDE20110810_044623_000000463105_00234_49386_3205.N1	10-AUG-2011 04:46:23	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49386	No
62	GOM_TRA_1PNPDE20110810_045932_000000503105_00235_49387_3206.N1	10-AUG-2011 04:59:32	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49387	No
63	GOM_TRA_1PNPDE20110810_050412_000000483105_00235_49387_3207.N1	10-AUG-2011 05:04:12	Dark	47.500	9	Alp Eri	0.45300	24000.	95	49387	No
64	GOM_TRA_1PNPDE20110810_050940_000000543105_00235_49387_3208.N1	10-AUG-2011 05:09:40	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49387	No
65	GOM_TRA_1PNPDE20110810_051350_000000423105_00235_49387_3209.N1	10-AUG-2011 05:13:50	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49387	No
66	GOM_TRA_1PNPDE20110810_051740_000000613105_00235_49387_3210.N1	10-AUG-2011 05:17:40	Twilight	60.500	18	24Alp PsA	1.1660	9700.0	121	49387	No
67	GOM_TRA_1PNPDE20110810_052723_000000443105_00235_49387_3211.N1	10-AUG-2011 05:27:23	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	49387	No
68	GOM_TRA_1PNPDE20110810_053259_000000493105_00235_49387_3212.N1	10-AUG-2011 05:32:59	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	49387	No
69	GOM_TRA_1PNPDE20110810_053917_000000583105_00235_49387_3213.N1	10-AUG-2011 05:39:17	Bright	58.000	92	53Eps Cyg	2.5000	4500.0	116	49387	No



70	GOM_TRA_1PNPDE20110810_054046_000000553105_00235_49387_3214.N1	10-AUG-2011 05:40:46	Bright	55.000	66	37Gam Cyg	2.2080	5900.0	110	49387	No
71	GOM_TRA_1PNPDE20110810_054228_000000403105_00235_49387_3215.N1	10-AUG-2011 05:42:28	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49387	No
72	GOM_TRA_1PNPDE20110810_054752_000000393105_00235_49387_3216.N1	10-AUG-2011 05:47:52	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49387	No
73	GOM_TRA_1PNPDE20110810_060708_000000453105_00235_49387_3244.N1	10-AUG-2011 06:07:08	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	49387	No
74	GOM_TRA_1PNPDE20110810_060951_000000373105_00235_49387_3245.N1	10-AUG-2011 06:09:51	Bright	36.500	107	37The Aur	2.6490	11000.	73	49387	No
75	GOM_TRA_1PNPDE20110810_061248_000000503105_00235_49387_3246.N1	10-AUG-2011 06:12:48	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	49387	No
76	GOM_TRA_1PNPDE20110810_061502_000000453105_00235_49387_3247.N1	10-AUG-2011 06:15:02	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	49387	No
77	GOM_TRA_1PNPDE20110810_061852_000000483105_00235_49387_3248.N1	10-AUG-2011 06:18:52	Dark	47.500	14	58Alp Ori	0.87000	3000.0	95	49387	No
78	GOM_TRA_1PNPDE20110810_062152_000000413105_00235_49387_3249.N1	10-AUG-2011 06:21:52	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	49387	No
79	GOM_TRA_1PNPDE20110810_062314_000000433105_00235_49387_3250.N1	10-AUG-2011 06:23:14	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	49387	No
80	GOM_TRA_1PNPDE20110810_062438_000000543105_00235_49387_3251.N1	10-AUG-2011 06:24:38	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	49387	No
81	GOM_TRA_1PNPDE20110810_062637_000000453105_00235_49387_3252.N1	10-AUG-2011 06:26:37	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49387	No
82	GOM_TRA_1PNPDE20110810_063947_000000513105_00236_49388_3253.N1	10-AUG-2011 06:39:47	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49388	No
83	GOM_TRA_1PNPDE20110810_064426_000000453105_00236_49388_3254.N1	10-AUG-2011 06:44:26	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49388	No
84	GOM_TRA_1PNPDE20110810_064955_000000533105_00236_49388_3255.N1	10-AUG-2011 06:49:55	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49388	No
85	GOM_TRA_1PNPDE20110810_065404_000000433105_00236_49388_3256.N1	10-AUG-2011 06:54:04	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49388	No
86	GOM_TRA_1PNPDE20110810_065754_000000603105_00236_49388_3257.N1	10-AUG-2011 06:57:54	Twilight	59.500	18	24Alp PsA	1.1660	9700.0	119	49388	No
87	GOM_TRA_1PNPDE20110810_070359_000000473105_00236_49388_3258.N1	10-AUG-2011 07:03:59	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	49388	No
88	GOM_TRA_1PNPDE20110810_070737_000000463105_00236_49388_3259.N1	10-AUG-2011 07:07:37	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	49388	No
89	GOM_TRA_1PNPDE20110810_071312_000000483105_00236_49388_3260.N1	10-AUG-2011 07:13:12	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	49388	No
90	GOM_TRA_1PNPDE20110810_071931_000000393105_00236_49388_3261.N1	10-AUG-2011 07:19:31	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49388	No
91	GOM_TRA_1PNPDE20110810_072059_000000403105_00236_49388_3262.N1	10-AUG-2011 07:20:59	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	49388	No
92	GOM_TRA_1PNPDE20110810_072242_000000403105_00236_49388_3263.N1	10-AUG-2011 07:22:42	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49388	No
93	GOM_TRA_1PNPDE20110810_072806_000000393105_00236_49388_3264.N1	10-AUG-2011 07:28:06	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49388	No
94	GOM_TRA_1PNPDK20110810_074722_000000483105_00236_49388_8447.N1	10-AUG-2011 07:47:22	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	49388	No
95	GOM_TRA_1PNPDK20110810_075005_000000373105_00236_49388_8448.N1	10-AUG-2011 07:50:05	Bright	36.500	107	37The Aur	2.6490	11000.	73	49388	No
96	GOM_TRA_1PNPDK20110810_075302_000000503105_00236_49388_8449.N1	10-AUG-2011 07:53:02	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	49388	No
97	GOM_TRA_1PNPDK20110810_075517_000000433105_00236_49388_8450.N1	10-AUG-2011 07:55:17	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	49388	No
98	GOM_TRA_1PNPDK20110810_075906_000000393105_00236_49388_8451.N1	10-AUG-2011 07:59:06	Dark	38.500	14	58Alp Ori	0.87000	3000.0	77	49388	No
99	GOM_TRA_1PNPDK20110810_080206_000000473105_00236_49388_8452.N1	10-AUG-2011 08:02:06	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49388	No
100	GOM_TRA_1PNPDK20110810_080329_000000443105_00236_49388_8453.N1	10-AUG-2011 08:03:29	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	49388	No
101	GOM_TRA_1PNPDK20110810_080452_000000563105_00236_49388_8454.N1	10-AUG-2011 08:04:52	Dark	55.500	7	19Bet Ori	0.10000	14000.	111	49388	No
102	GOM_TRA_1PNPDK20110810_080652_000000443105_00236_49388_8455.N1	10-AUG-2011 08:06:52	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49388	No
103	GOM_TRA_1PNPDK20110810_082002_000000503105_00237_49389_8456.N1	10-AUG-2011 08:20:02	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49389	No
104	GOM_TRA_1PNPDK20110810_082441_000000523105_00237_49389_8457.N1	10-AUG-2011 08:24:41	Dark	52.000	9	Alp Eri	0.45300	24000.	104	49389	No
105	GOM_TRA_1PNPDK20110810_083010_000000573105_00237_49389_8458.N1	10-AUG-2011 08:30:10	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	49389	No
106	GOM_TRA_1PNPDK20110810_083419_000000453105_00237_49389_8459.N1	10-AUG-2011 08:34:19	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49389	No
107	GOM_TRA_1PNPDK20110810_083809_000000583105_00237_49389_8460.N1	10-AUG-2011 08:38:09	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	49389	No
108	GOM_TRA_1PNPDK20110810_084413_000000453105_00237_49389_8461.N1	10-AUG-2011 08:44:13	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	49389	No
109	GOM_TRA_1PNPDK20110810_084751_000000453105_00237_49389_8493.N1	10-AUG-2011 08:47:51	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	49389	No
110	GOM_TRA_1PNPDK20110810_085326_000000493105_00237_49389_8494.N1	10-AUG-2011 08:53:26	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	49389	No
111	GOM_TRA_1PNPDK20110810_085945_000000403105_00237_49389_8495.N1	10-AUG-2011 08:59:45	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	49389	No
112	GOM_TRA_1PNPDK20110810_090113_000000403105_00237_49389_8496.N1	10-AUG-2011 09:01:13	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	49389	No
113	GOM_TRA_1PNPDK20110810_090256_000000513105_00237_49389_8497.N1	10-AUG-2011 09:02:56	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	49389	No
114	GOM_TRA_1PNPDK20110810_090819_000000403105_00237_49389_8498.N1	10-AUG-2011 09:08:19	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49389	No
115	GOM_TRA_1PNPDK20110810_092736_000000483105_00237_49389_8499.N1	10-AUG-2011 09:27:36	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	49389	No
116	GOM_TRA_1PNPDK20110810_093019_000000393105_00237_49389_8500.N1	10-AUG-2011 09:30:19	Bright	38.500	107	37The Aur	2.6490	11000.	77	49389	No
117	GOM_TRA_1PNPDK20110810_093317_000000433105_00237_49389_8501.N1	10-AUG-2011 09:33:17	Twilight	43.000	28	12Bet Tau	1.6500	15200.	86	49389	No
118	GOM_TRA_1PNPDK20110810_093531_000000413105_00237_49389_8502.N1	10-AUG-2011 09:35:31	Twilight	41.000	176	23Zet Tau	3.0200	22000.	82	49389	No
119	GOM_TRA_1PNPDK20110810_093920_000000463105_00237_49389_8503.N1	10-AUG-2011 09:39:20	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	49389	No
120	GOM_TRA_1PNPDK20110810_094221_000000473105_00237_49389_8504.N1	10-AUG-2011 09:42:21	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	49389	No
121	GOM_TRA_1PNPDK20110810_094343_000000453105_00237_49389_8505.N1	10-AUG-2011 09:43:43	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	49389	No
122	GOM_TRA_1PNPDK20110810_094507_000000513105_00237_49389_8506.N1	10-AUG-2011 09:45:07	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	49389	No
123	GOM_TRA_1PNPDK20110810_094706_000000453105_00237_49389_8507.N1	10-AUG-2011 09:47:06	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49389	No
124	GOM_TRA_1PNPDK20110810_100017_000000503105_00238_49390_8508.N1	10-AUG-2011 10:00:17	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49390	No
125	GOM_TRA_1PNPDK20110810_100456_000000533105_00238_49390_8509.N1	10-AUG-2011 10:04:56	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49390	No
126	GOM_TRA_1PNPDK20110810_101025_000000563105_00238_49390_8510.N1	10-AUG-2011 10:10:25	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49390	No
127	GOM_TRA_1PNPDK20110810_101433_000000433105_00238_49390_8511.N1	10-AUG-2011 10:14:33	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49390	No
128	GOM_TRA_1PNPDK20110810_101823_000000583105_00238_49390_8512.N1	10-AUG-2011 10:18:23	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	49390	No

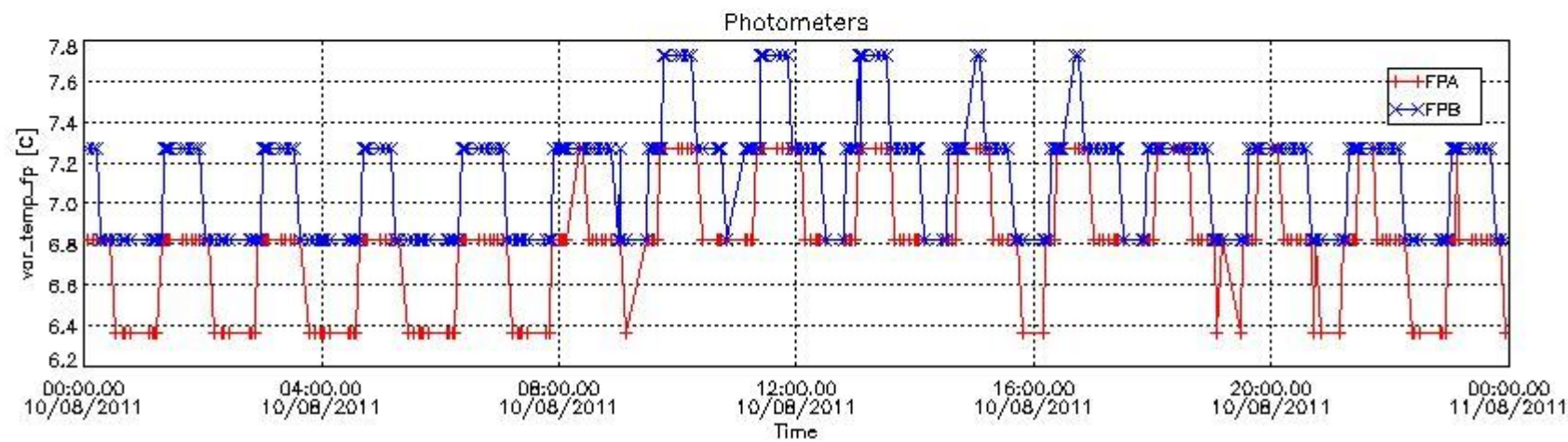
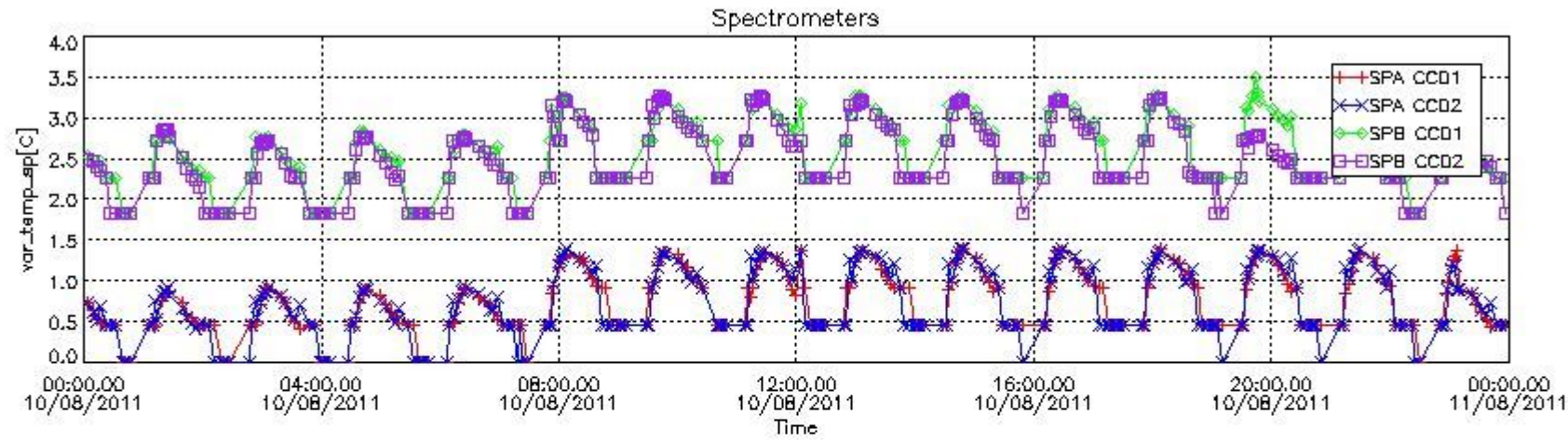
129	GOM_TRA_1PNPDK20110810_102427_000000463105_00238_49390_8513.N1	10-AUG-2011 10:24:27	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	49390	No
130	GOM_TRA_1PNPDK20110810_103958_000000383105_00238_49390_8528.N1	10-AUG-2011 10:39:58	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49390	No
131	GOM_TRA_1PNPDK20110810_104127_000000403105_00238_49390_8529.N1	10-AUG-2011 10:41:27	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	49390	No
132	GOM_TRA_1PNPDK20110810_104309_000000413105_00238_49390_8530.N1	10-AUG-2011 10:43:09	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	49390	No
133	GOM_TRA_1PNPDK20110810_104833_000000403105_00238_49390_8531.N1	10-AUG-2011 10:48:33	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49390	No
134	GOM_TRA_1PNPDK20110810_110750_000000473105_00238_49390_8532.N1	10-AUG-2011 11:07:50	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49390	No
135	GOM_TRA_1PNPDK20110810_111033_000000373105_00238_49390_8533.N1	10-AUG-2011 11:10:33	Bright	37.000	107	37The Aur	2.6490	11000.	74	49390	No
136	GOM_TRA_1PNPDK20110810_111331_000000483105_00238_49390_8534.N1	10-AUG-2011 11:13:31	Twilight	48.000	28	12Bet Tau	1.6500	15200.	96	49390	No
137	GOM_TRA_1PNPDK20110810_111545_000000453105_00238_49390_8535.N1	10-AUG-2011 11:15:45	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	49390	No
138	GOM_TRA_1PNPDK20110810_111935_000000463105_00238_49390_8536.N1	10-AUG-2011 11:19:35	Dark	45.500	14	58Alp Ori	0.87000	3000.0	91	49390	No
139	GOM_TRA_1PNPDK20110810_112235_000000483105_00238_49390_8537.N1	10-AUG-2011 11:22:35	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	49390	No
140	GOM_TRA_1PNPDK20110810_112358_000000433105_00238_49390_8538.N1	10-AUG-2011 11:23:58	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	49390	No
141	GOM_TRA_1PNPDK20110810_112522_000000533105_00238_49390_8539.N1	10-AUG-2011 11:25:22	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49390	No
142	GOM_TRA_1PNPDK20110810_112721_000000463105_00238_49390_8540.N1	10-AUG-2011 11:27:21	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49390	No
143	GOM_TRA_1PNPDK20110810_114032_000000513105_00239_49391_8541.N1	10-AUG-2011 11:40:32	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49391	No
144	GOM_TRA_1PNPDK20110810_114510_000000443105_00239_49391_8542.N1	10-AUG-2011 11:45:10	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49391	No
145	GOM_TRA_1PNPDK20110810_115039_000000553105_00239_49391_8543.N1	10-AUG-2011 11:50:39	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49391	No
146	GOM_TRA_1PNPDK20110810_115447_000000423105_00239_49391_8544.N1	10-AUG-2011 11:54:47	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49391	No
147	GOM_TRA_1PNPDK20110810_115838_000000573105_00239_49391_8545.N1	10-AUG-2011 11:58:38	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	49391	No
148	GOM_TRA_1PNPDK20110810_120441_000000473105_00239_49391_8581.N1	10-AUG-2011 12:04:41	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	49391	Yes
149	GOM_TRA_1PNPDK20110810_120818_000000453105_00239_49391_8582.N1	10-AUG-2011 12:08:18	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49391	No
150	GOM_TRA_1PNPDK20110810_121353_000000513105_00239_49391_8583.N1	10-AUG-2011 12:13:53	Bright	51.000	61	8Eps Peg	2.1000	3900.0	102	49391	No
151	GOM_TRA_1PNPDK20110810_122012_000000383105_00239_49391_8584.N1	10-AUG-2011 12:20:12	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49391	No
152	GOM_TRA_1PNPDK20110810_122141_000000403105_00239_49391_8585.N1	10-AUG-2011 12:21:41	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	49391	No
153	GOM_TRA_1PNPDK20110810_122323_000000413105_00239_49391_8586.N1	10-AUG-2011 12:23:23	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	49391	No
154	GOM_TRA_1PNPDK20110810_122846_000000403105_00239_49391_8587.N1	10-AUG-2011 12:28:46	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49391	No
155	GOM_TRA_1PNPDK20110810_124804_000000473105_00239_49391_8588.N1	10-AUG-2011 12:48:04	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49391	No
156	GOM_TRA_1PNPDK20110810_125047_000000383105_00239_49391_8589.N1	10-AUG-2011 12:50:47	Bright	37.500	107	37The Aur	2.6490	11000.	75	49391	No
157	GOM_TRA_1PNPDK20110810_125345_000000493105_00239_49391_8590.N1	10-AUG-2011 12:53:45	Twilight	49.000	28	12Bet Tau	1.6500	15200.	98	49391	No
158	GOM_TRA_1PNPDK20110810_125559_000000463105_00239_49391_8591.N1	10-AUG-2011 12:55:59	Twilight	46.000	176	23Zet Tau	3.0200	22000.	92	49391	No
159	GOM_TRA_1PNPDK20110810_125949_000000503105_00239_49391_8592.N1	10-AUG-2011 12:59:49	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	49391	No
160	GOM_TRA_1PNPDK20110810_130249_000000483105_00239_49391_8593.N1	10-AUG-2011 13:02:49	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	49391	No
161	GOM_TRA_1PNPDK20110810_130412_000000453105_00239_49391_8594.N1	10-AUG-2011 13:04:12	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49391	No
162	GOM_TRA_1PNPDK20110810_130536_000000523105_00239_49391_8595.N1	10-AUG-2011 13:05:36	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	49391	No
163	GOM_TRA_1PNPDK20110810_130735_000000463105_00239_49391_8596.N1	10-AUG-2011 13:07:35	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49391	No
164	GOM_TRA_1PNPDK20110810_132047_000000503105_00240_49392_8597.N1	10-AUG-2011 13:20:47	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49392	No
165	GOM_TRA_1PNPDK20110810_132525_000000433105_00240_49392_8598.N1	10-AUG-2011 13:25:25	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49392	No
166	GOM_TRA_1PNPDK20110810_133054_000000543105_00240_49392_8599.N1	10-AUG-2011 13:30:54	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49392	No
167	GOM_TRA_1PNPDK20110810_133502_000000473105_00240_49392_8600.N1	10-AUG-2011 13:35:02	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49392	No
168	GOM_TRA_1PNPDK20110810_133852_000000563105_00240_49392_8601.N1	10-AUG-2011 13:38:52	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	49392	No
169	GOM_TRA_1PNPDK20110810_134455_000000463105_00240_49392_8627.N1	10-AUG-2011 13:44:55	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	49392	No
170	GOM_TRA_1PNPDK20110810_134832_000000453105_00240_49392_8628.N1	10-AUG-2011 13:48:32	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49392	No
171	GOM_TRA_1PNPDK20110810_135406_000000493105_00240_49392_8629.N1	10-AUG-2011 13:54:06	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	49392	No
172	GOM_TRA_1PNPDK20110810_140026_000000383105_00240_49392_8630.N1	10-AUG-2011 14:00:26	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49392	No
173	GOM_TRA_1PNPDK20110810_140154_000000383105_00240_49392_8631.N1	10-AUG-2011 14:01:54	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	49392	No
174	GOM_TRA_1PNPDK20110810_140337_000000363105_00240_49392_8632.N1	10-AUG-2011 14:03:37	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	49392	No
175	GOM_TRA_1PNPDK20110810_140900_000000403105_00240_49392_8633.N1	10-AUG-2011 14:09:00	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49392	No
176	GOM_TRA_1PNPDK20110810_142818_000000473105_00240_49392_8634.N1	10-AUG-2011 14:28:18	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49392	No
177	GOM_TRA_1PNPDK20110810_143101_000000403105_00240_49392_8635.N1	10-AUG-2011 14:31:01	Bright	40.000	107	37The Aur	2.6490	11000.	80	49392	No
178	GOM_TRA_1PNPDK20110810_143359_000000503105_00240_49392_8636.N1	10-AUG-2011 14:33:59	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	49392	No
179	GOM_TRA_1PNPDK20110810_143614_000000453105_00240_49392_8637.N1	10-AUG-2011 14:36:14	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	49392	No
180	GOM_TRA_1PNPDK20110810_144003_000000503105_00240_49392_8638.N1	10-AUG-2011 14:40:03	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	49392	No
181	GOM_TRA_1PNPDK20110810_144304_000000473105_00240_49392_8639.N1	10-AUG-2011 14:43:04	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	49392	No
182	GOM_TRA_1PNPDK20110810_144427_000000443105_00240_49392_8640.N1	10-AUG-2011 14:44:27	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	49392	No
183	GOM_TRA_1PNPDK20110810_144551_000000563105_00240_49392_8641.N1	10-AUG-2011 14:45:51	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	49392	No
184	GOM_TRA_1PNPDK20110810_144750_000000443105_00240_49392_8642.N1	10-AUG-2011 14:47:50	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49392	No
185	GOM_TRA_1PNPDK20110810_150102_000000513105_00241_49393_8643.N1	10-AUG-2011 15:01:02	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49393	No
186	GOM_TRA_1PNPDK20110810_150540_000000443105_00241_49393_8644.N1	10-AUG-2011 15:05:40	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49393	No
187	GOM_TRA_1PNPDK20110810_151109_000000553105_00241_49393_8645.N1	10-AUG-2011 15:11:09	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49393	No

188	GOM_TRA_1PNPDK20110810_151516_000000423105_00241_49393_8646.N1	10-AUG-2011 15:15:16	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49393	No
189	GOM_TRA_1PNPDK20110810_151907_000000593105_00241_49393_8647.N1	10-AUG-2011 15:19:07	Twilight_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	49393	No
190	GOM_TRA_1PNPDK20110810_152509_000000453105_00241_49393_8676.N1	10-AUG-2011 15:25:09	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49393	No
191	GOM_TRA_1PNPDK20110810_152846_000000443105_00241_49393_8677.N1	10-AUG-2011 15:28:46	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	49393	No
192	GOM_TRA_1PNPDK20110810_153420_000000493105_00241_49393_8678.N1	10-AUG-2011 15:34:20	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	49393	No
193	GOM_TRA_1PNPDK20110810_154039_000000423105_00241_49393_8679.N1	10-AUG-2011 15:40:39	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	49393	No
194	GOM_TRA_1PNPDK20110810_154208_000000393105_00241_49393_8680.N1	10-AUG-2011 15:42:08	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49393	No
195	GOM_TRA_1PNPDK20110810_154350_000000403105_00241_49393_8681.N1	10-AUG-2011 15:43:50	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49393	No
196	GOM_TRA_1PNPDK20110810_154914_000000393105_00241_49393_8682.N1	10-AUG-2011 15:49:14	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49393	No
197	GOM_TRA_1PNPDK20110810_160832_000000603105_00241_49393_8683.N1	10-AUG-2011 16:08:32	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	49393	No
198	GOM_TRA_1PNPDK20110810_161115_000000533105_00241_49393_8684.N1	10-AUG-2011 16:11:15	Bright	53.000	107	37The Aur	2.6490	11000.	106	49393	No
199	GOM_TRA_1PNPDK20110810_161413_000000503105_00241_49393_8685.N1	10-AUG-2011 16:14:13	Twilight_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49393	No
200	GOM_TRA_1PNPDK20110810_161628_000000463105_00241_49393_8686.N1	10-AUG-2011 16:16:28	Twilight_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49393	No
201	GOM_TRA_1PNPDK20110810_162018_000000513105_00241_49393_8687.N1	10-AUG-2011 16:20:18	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	49393	No
202	GOM_TRA_1PNPDK20110810_162319_000000473105_00241_49393_8688.N1	10-AUG-2011 16:23:19	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49393	No
203	GOM_TRA_1PNPDK20110810_162441_000000433105_00241_49393_8689.N1	10-AUG-2011 16:24:41	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	49393	No
204	GOM_TRA_1PNPDK20110810_162606_000000583105_00241_49393_8690.N1	10-AUG-2011 16:26:06	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	49393	No
205	GOM_TRA_1PNPDK20110810_162805_000000423105_00241_49393_8691.N1	10-AUG-2011 16:28:05	Dark	42.000	101	11Alp Lep	2.5820	7000.0	84	49393	No
206	GOM_TRA_1PNPDK20110810_164117_000000513105_00242_49394_8692.N1	10-AUG-2011 16:41:17	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49394	No
207	GOM_TRA_1PNPDK20110810_164554_000000443105_00242_49394_8693.N1	10-AUG-2011 16:45:54	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49394	No
208	GOM_TRA_1PNPDK20110810_165124_000000533105_00242_49394_8694.N1	10-AUG-2011 16:51:24	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49394	No
209	GOM_TRA_1PNPDK20110810_165530_000000423105_00242_49394_8695.N1	10-AUG-2011 16:55:30	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49394	No
210	GOM_TRA_1PNPDK20110810_165921_000000603105_00242_49394_8707.N1	10-AUG-2011 16:59:21	Twilight_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	49394	No
211	GOM_TRA_1PNPDK20110810_170523_000000453105_00242_49394_8708.N1	10-AUG-2011 17:05:23	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49394	No
212	GOM_TRA_1PNPDK20110810_170900_000000443105_00242_49394_8709.N1	10-AUG-2011 17:09:00	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	49394	No
213	GOM_TRA_1PNPDK20110810_171433_000000473105_00242_49394_8710.N1	10-AUG-2011 17:14:33	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49394	No
214	GOM_TRA_1PNPDK20110810_172053_000000413105_00242_49394_8711.N1	10-AUG-2011 17:20:53	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	49394	No
215	GOM_TRA_1PNPDK20110810_172222_000000403105_00242_49394_8712.N1	10-AUG-2011 17:22:22	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	49394	No
216	GOM_TRA_1PNPDK20110810_172404_000000403105_00242_49394_8713.N1	10-AUG-2011 17:24:04	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49394	No
217	GOM_TRA_1PNPDK20110810_172928_000000403105_00242_49394_8714.N1	10-AUG-2011 17:29:28	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49394	No
218	GOM_TRA_1PNPDK20110810_174846_000000483105_00242_49394_8715.N1	10-AUG-2011 17:48:46	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	49394	No
219	GOM_TRA_1PNPDK20110810_175129_000000373105_00242_49394_8716.N1	10-AUG-2011 17:51:29	Bright	37.000	107	37The Aur	2.6490	11000.	74	49394	No
220	GOM_TRA_1PNPDK20110810_175427_000000503105_00242_49394_8717.N1	10-AUG-2011 17:54:27	Twilight_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49394	No
221	GOM_TRA_1PNPDK20110810_175642_000000453105_00242_49394_8718.N1	10-AUG-2011 17:56:42	Twilight_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	49394	No
222	GOM_TRA_1PNPDK20110810_180032_000000483105_00242_49394_8719.N1	10-AUG-2011 18:00:32	Dark	48.000	14	58Alp Ori	0.87000	3000.0	96	49394	No
223	GOM_TRA_1PNPDK20110810_180333_000000463105_00242_49394_8720.N1	10-AUG-2011 18:03:33	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	49394	No
224	GOM_TRA_1PNPDK20110810_180456_000000453105_00242_49394_8721.N1	10-AUG-2011 18:04:56	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	49394	No
225	GOM_TRA_1PNPDK20110810_180620_000000523105_00242_49394_8722.N1	10-AUG-2011 18:06:20	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	49394	No
226	GOM_TRA_1PNPDK20110810_180819_000000453105_00242_49394_8723.N1	10-AUG-2011 18:08:19	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49394	No
227	GOM_TRA_1PNPDK20110810_182133_000000493105_00243_49395_8724.N1	10-AUG-2011 18:21:33	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49395	No
228	GOM_TRA_1PNPDK20110810_182609_000000433105_00243_49395_8725.N1	10-AUG-2011 18:26:09	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49395	No
229	GOM_TRA_1PNPDK20110810_183139_000000523105_00243_49395_8726.N1	10-AUG-2011 18:31:39	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49395	No
230	GOM_TRA_1PNPDK20110810_183545_000000413105_00243_49395_8818.N1	10-AUG-2011 18:35:45	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	49395	Yes
231	GOM_TRA_1PNPDK20110810_183936_000000583105_00243_49395_8819.N1	10-AUG-2011 18:39:36	Twilight_and_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	49395	No
232	GOM_TRA_1PNPDK20110810_184537_000000453105_00243_49395_8820.N1	10-AUG-2011 18:45:37	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49395	No
233	GOM_TRA_1PNPDK20110810_184914_000000453105_00243_49395_8821.N1	10-AUG-2011 18:49:14	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	49395	No
234	GOM_TRA_1PNPDK20110810_185447_000000483105_00243_49395_8822.N1	10-AUG-2011 18:54:47	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	49395	No
235	GOM_TRA_1PNPDK20110810_190107_000000393105_00243_49395_8823.N1	10-AUG-2011 19:01:07	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49395	No
236	GOM_TRA_1PNPDK20110810_190236_000000383105_00243_49395_8824.N1	10-AUG-2011 19:02:36	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	49395	No
237	GOM_TRA_1PNPDK20110810_190418_000000403105_00243_49395_8825.N1	10-AUG-2011 19:04:18	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49395	No
238	GOM_TRA_1PNPDK20110810_190941_000000403105_00243_49395_8826.N1	10-AUG-2011 19:09:41	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49395	No
239	GOM_TRA_1PNPDK20110810_192900_000000533105_00243_49395_8827.N1	10-AUG-2011 19:29:00	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	49395	No
240	GOM_TRA_1PNPDK20110810_193144_000000383105_00243_49395_8828.N1	10-AUG-2011 19:31:44	Bright	38.000	107	37The Aur	2.6490	11000.	76	49395	No
241	GOM_TRA_1PNPDK20110810_193441_000000503105_00243_49395_8829.N1	10-AUG-2011 19:34:41	Twilight_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49395	No
242	GOM_TRA_1PNPDK20110810_193657_000000443105_00243_49395_8830.N1	10-AUG-2011 19:36:57	Twilight_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	49395	No
243	GOM_TRA_1PNPDK20110810_194047_000000413105_00243_49395_8831.N1	10-AUG-2011 19:40:47	Dark	40.500	14	58Alp Ori	0.87000	3000.0	81	49395	No
244	GOM_TRA_1PNPDK20110810_194348_000000483105_00243_49395_8832.N1	10-AUG-2011 19:43:48	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	49395	No
245	GOM_TRA_1PNPDK20110810_194510_000000443105_00243_49395_8833.N1	10-AUG-2011 19:45:10	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	49395	No
246	GOM_TRA_1PNPDK20110810_194635_000000523105_00243_49395_8834.N1	10-AUG-2011 19:46:35	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	49395	No



247	GOM_TRA_1PNPDK20110810_194834_000000443105_00243_49395_8835.N1	10-AUG-2011 19:48:34	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49395	No
248	GOM_TRA_1PNPDK20110810_200148_000000503105_00244_49396_8836.N1	10-AUG-2011 20:01:48	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49396	No
249	GOM_TRA_1PNPDK20110810_200624_000000433105_00244_49396_8837.N1	10-AUG-2011 20:06:24	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49396	No
250	GOM_TRA_1PNPDK20110810_201154_000000523105_00244_49396_8838.N1	10-AUG-2011 20:11:54	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49396	No
251	GOM_TRA_1PNPDK20110810_201559_000000413105_00244_49396_8839.N1	10-AUG-2011 20:15:59	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	49396	No
252	GOM_TRA_1PNPDE20110810_201950_000000593105_00244_49396_3384.N1	10-AUG-2011 20:19:50	Twilight_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	49396	No
253	GOM_TRA_1PNPDE20110810_202551_000000453105_00244_49396_3385.N1	10-AUG-2011 20:25:51	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	49396	No
254	GOM_TRA_1PNPDE20110810_202928_000000443105_00244_49396_3386.N1	10-AUG-2011 20:29:28	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	49396	No
255	GOM_TRA_1PNPDE20110810_203501_000000473105_00244_49396_3387.N1	10-AUG-2011 20:35:01	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49396	No
256	GOM_TRA_1PNPDE20110810_204121_000000403105_00244_49396_3388.N1	10-AUG-2011 20:41:21	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49396	No
257	GOM_TRA_1PNPDE20110810_204250_000000373105_00244_49396_3389.N1	10-AUG-2011 20:42:50	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49396	No
258	GOM_TRA_1PNPDE20110810_204432_000000403105_00244_49396_3390.N1	10-AUG-2011 20:44:32	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49396	No
259	GOM_TRA_1PNPDE20110810_204955_000000403105_00244_49396_3391.N1	10-AUG-2011 20:49:55	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49396	No
260	GOM_TRA_1PNPDE20110810_210914_000000463105_00244_49396_3392.N1	10-AUG-2011 21:09:14	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	49396	No
261	GOM_TRA_1PNPDE20110810_211158_000000373105_00244_49396_3393.N1	10-AUG-2011 21:11:58	Bright	36.500	107	37The Aur	2.6490	11000.	73	49396	No
262	GOM_TRA_1PNPDE20110810_211455_000000503105_00244_49396_3394.N1	10-AUG-2011 21:14:55	Twilight_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	49396	No
263	GOM_TRA_1PNPDE20110810_211711_000000443105_00244_49396_3395.N1	10-AUG-2011 21:17:11	Twilight_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	49396	No
264	GOM_TRA_1PNPDE20110810_212101_000000463105_00244_49396_3396.N1	10-AUG-2011 21:21:01	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	49396	No
265	GOM_TRA_1PNPDE20110810_212402_000000483105_00244_49396_3397.N1	10-AUG-2011 21:24:02	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	49396	No
266	GOM_TRA_1PNPDE20110810_212525_000000443105_00244_49396_3398.N1	10-AUG-2011 21:25:25	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	49396	No
267	GOM_TRA_1PNPDE20110810_212649_000000513105_00244_49396_3404.N1	10-AUG-2011 21:26:49	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	49396	Yes
268	GOM_TRA_1PNPDE20110810_212848_000000413105_00244_49396_3405.N1	10-AUG-2011 21:28:48	Dark	40.500	101	11Alp Lep	2.5820	7000.0	81	49396	No
269	GOM_TRA_1PNPDE20110810_214203_000000503105_00245_49397_3406.N1	10-AUG-2011 21:42:03	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49397	No
270	GOM_TRA_1PNPDE20110810_214638_000000463105_00245_49397_3407.N1	10-AUG-2011 21:46:38	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49397	No
271	GOM_TRA_1PNPDE20110810_215209_000000533105_00245_49397_3408.N1	10-AUG-2011 21:52:09	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49397	No
272	GOM_TRA_1PNPDE20110810_215613_000000433105_00245_49397_3409.N1	10-AUG-2011 21:56:13	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49397	No
273	GOM_TRA_1PNPDE20110810_220005_000000563105_00245_49397_3410.N1	10-AUG-2011 22:00:05	Twilight_and_stray	56.000	18	24Alp PsA	1.1660	9700.0	112	49397	No
274	GOM_TRA_1PNPDE20110810_220605_000000463105_00245_49397_3411.N1	10-AUG-2011 22:06:05	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49397	No
275	GOM_TRA_1PNPDE20110810_220942_000000433105_00245_49397_3412.N1	10-AUG-2011 22:09:42	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49397	No
276	GOM_TRA_1PNPDE20110810_221514_000000483105_00245_49397_3413.N1	10-AUG-2011 22:15:14	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	49397	No
277	GOM_TRA_1PNPDE20110810_222134_000000393105_00245_49397_3414.N1	10-AUG-2011 22:21:34	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49397	No
278	GOM_TRA_1PNPDE20110810_222303_000000393105_00245_49397_3415.N1	10-AUG-2011 22:23:03	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49397	No
279	GOM_TRA_1PNPDE20110810_222445_000000403105_00245_49397_3416.N1	10-AUG-2011 22:24:45	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49397	No
280	GOM_TRA_1PNPDE20110810_223009_000000403105_00245_49397_3417.N1	10-AUG-2011 22:30:09	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49397	No
281	GOM_TRA_1PNPDE20110810_224927_000000463105_00245_49397_3418.N1	10-AUG-2011 22:49:27	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	49397	No
282	GOM_TRA_1PNPDE20110810_225212_000000363105_00245_49397_3419.N1	10-AUG-2011 22:52:12	Bright	36.000	107	37The Aur	2.6490	11000.	72	49397	No
283	GOM_TRA_1PNPDE20110810_225510_000000503105_00245_49397_3420.N1	10-AUG-2011 22:55:10	Twilight_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	49397	No
284	GOM_TRA_1PNPDE20110810_225725_000000453105_00245_49397_3421.N1	10-AUG-2011 22:57:25	Twilight_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	49397	No
285	GOM_TRA_1PNPDE20110810_230115_000000513105_00245_49397_3422.N1	10-AUG-2011 23:01:15	Dark	50.500	14	58Alp Ori	0.87000	3000.0	101	49397	No
286	GOM_TRA_1PNPDE20110810_230416_000000493105_00245_49397_3423.N1	10-AUG-2011 23:04:16	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49397	No
287	GOM_TRA_1PNPDE20110810_230539_000000453105_00245_49397_3424.N1	10-AUG-2011 23:05:39	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49397	No
288	GOM_TRA_1PNPDE20110810_230704_000000543105_00245_49397_3426.N1	10-AUG-2011 23:07:04	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	49397	Yes
289	GOM_TRA_1PNPDE20110810_230903_000000453105_00245_49397_3427.N1	10-AUG-2011 23:09:03	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49397	No
290	GOM_TRA_1PNPDE20110810_232218_000000493105_00246_49398_3428.N1	10-AUG-2011 23:22:18	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49398	No
291	GOM_TRA_1PNPDE20110810_232653_000000443105_00246_49398_3429.N1	10-AUG-2011 23:26:53	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49398	No
292	GOM_TRA_1PNPDE20110810_233224_000000523105_00246_49398_3430.N1	10-AUG-2011 23:32:24	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	49398	No
293	GOM_TRA_1PNPDE20110810_233628_000000453105_00246_49398_3431.N1	10-AUG-2011 23:36:28	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49398	No
294	GOM_TRA_1PNPDE20110810_234019_000000583105_00246_49398_3432.N1	10-AUG-2011 23:40:19	Twilight_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	49398	No
295	GOM_TRA_1PNPDE20110810_234619_000000463105_00246_49398_3433.N1	10-AUG-2011 23:46:19	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	49398	No
296	GOM_TRA_1PNPDE20110810_234956_000000453105_00246_49398_3434.N1	10-AUG-2011 23:49:56	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49398	No
297	GOM_TRA_1PNPDE20110810_235528_000000503105_00246_49398_3435.N1	10-AUG-2011 23:55:28	Bright	49.500	61	8Eps Peg	2.1000	3900.0	99	49398	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).

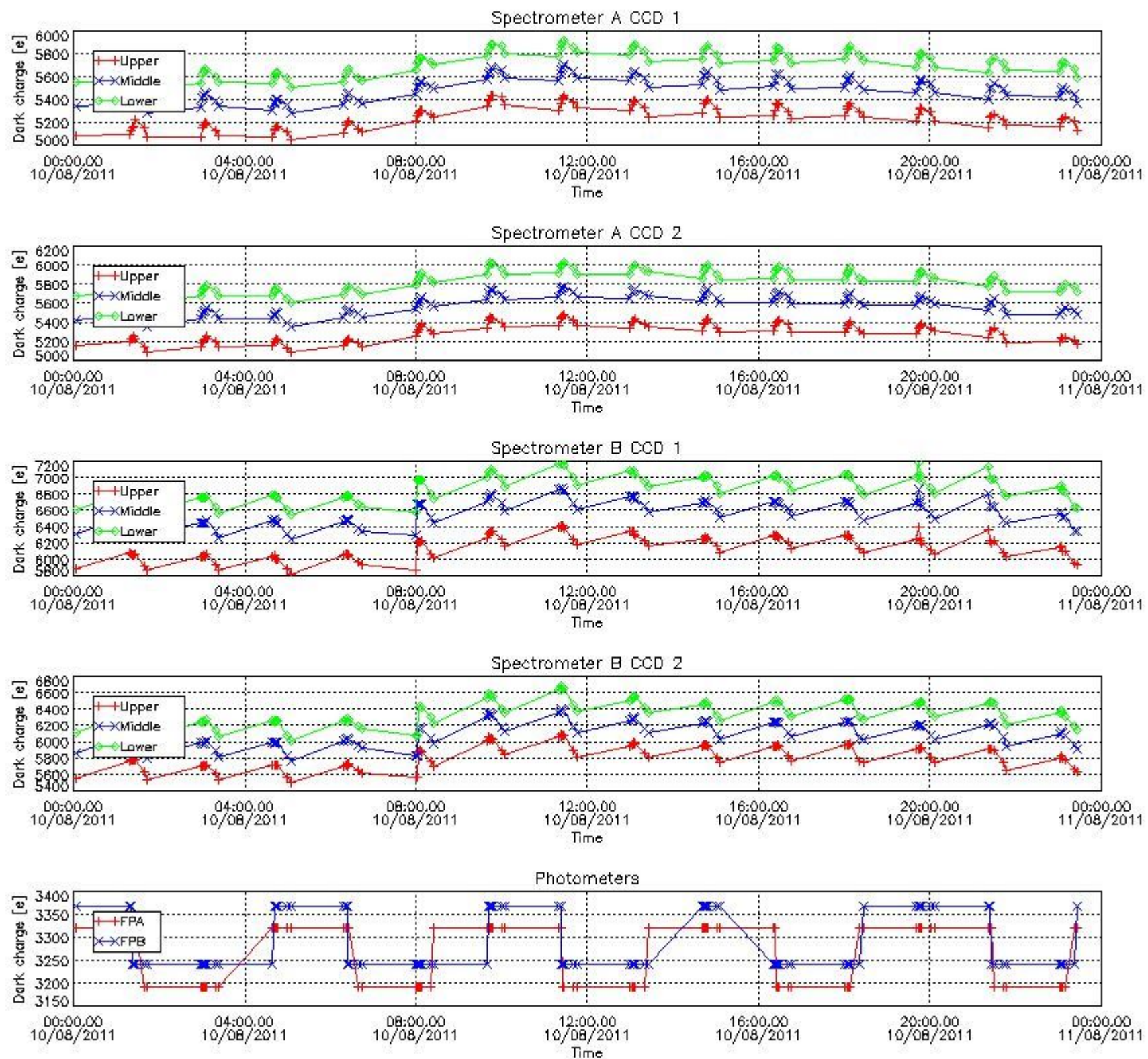
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110810_201950_000000593105_00244_49396_3384.N1	DC map used
GOM_TRA_1PNPDE20110810_202551_000000453105_00244_49396_3385.N1	DC map used
GOM_TRA_1PNPDE20110810_202928_000000443105_00244_49396_3386.N1	DC map used
GOM_TRA_1PNPDE20110810_203501_000000473105_00244_49396_3387.N1	DC map used
GOM_TRA_1PNPDE20110810_204121_000000403105_00244_49396_3388.N1	DC map used
GOM_TRA_1PNPDE20110810_204250_000000373105_00244_49396_3389.N1	DC map used
GOM_TRA_1PNPDE20110810_204432_000000403105_00244_49396_3390.N1	DC map used
GOM_TRA_1PNPDE20110810_204955_000000403105_00244_49396_3391.N1	DC map used
GOM_TRA_1PNPDE20110810_210914_000000463105_00244_49396_3392.N1	DC map used
GOM_TRA_1PNPDE20110810_211158_000000373105_00244_49396_3393.N1	DC map used
GOM_TRA_1PNPDE20110810_211455_000000503105_00244_49396_3394.N1	DC map used
GOM_TRA_1PNPDE20110810_211711_000000443105_00244_49396_3395.N1	DC map used
GOM_TRA_1PNPDE20110810_212101_000000463105_00244_49396_3396.N1	DC map used
GOM_TRA_1PNPDE20110810_212402_000000483105_00244_49396_3397.N1	DC map used



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



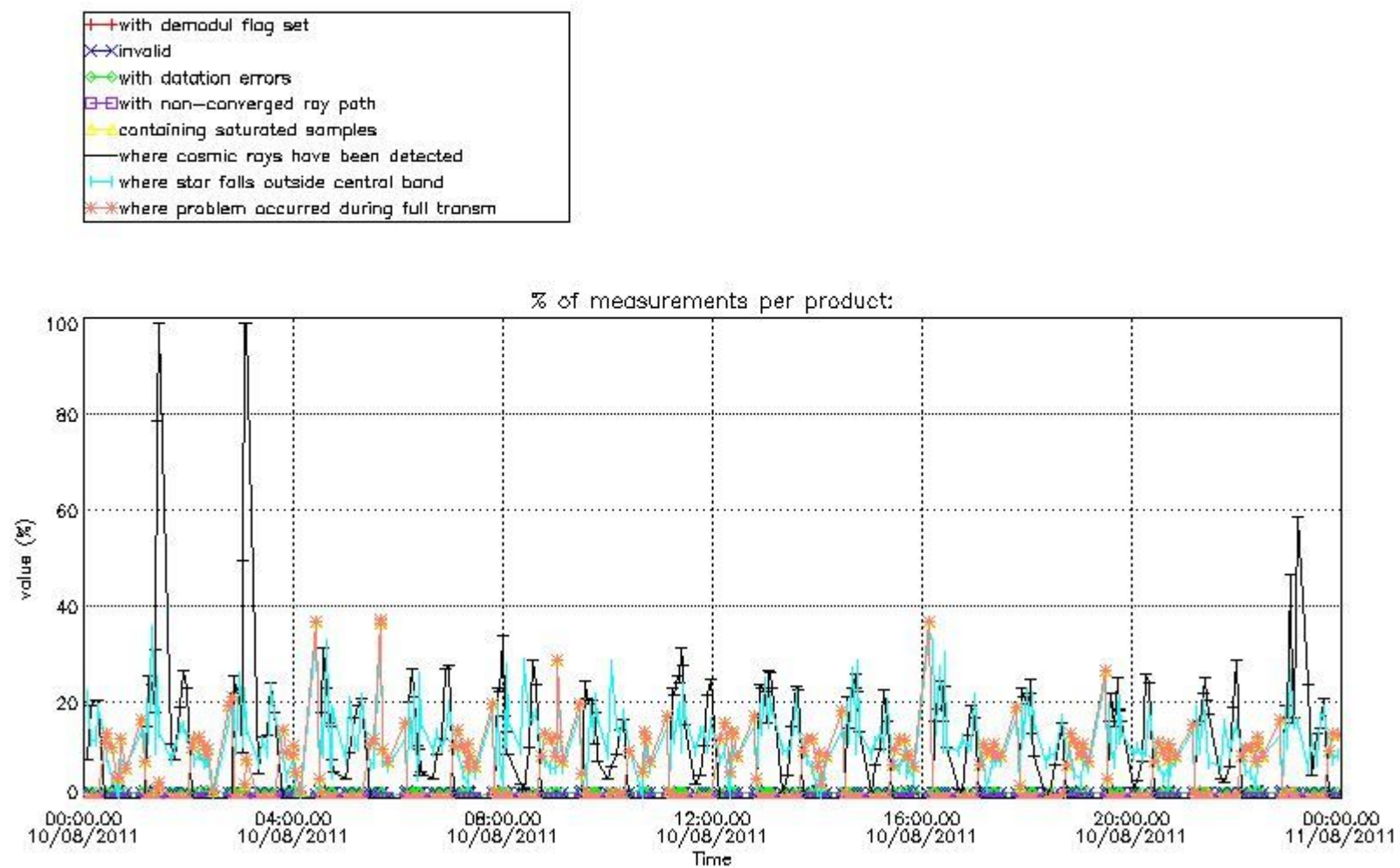
#### 5. Demodulation flag and quality information monitoring

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:

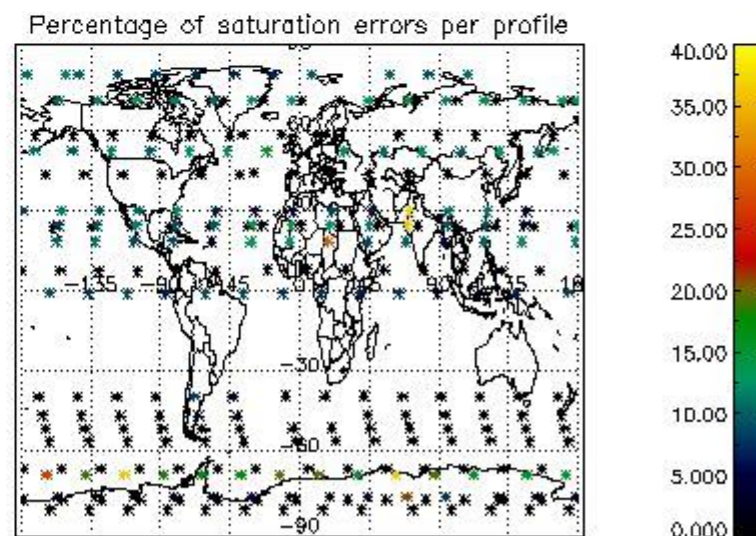
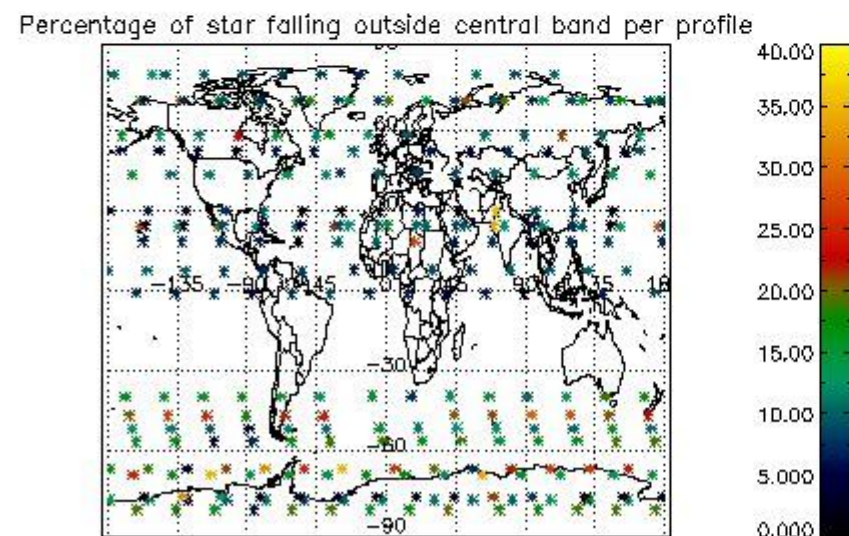
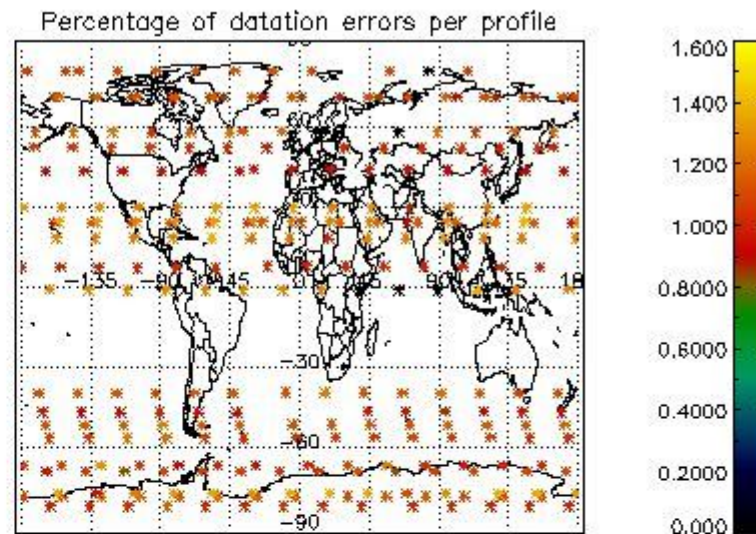
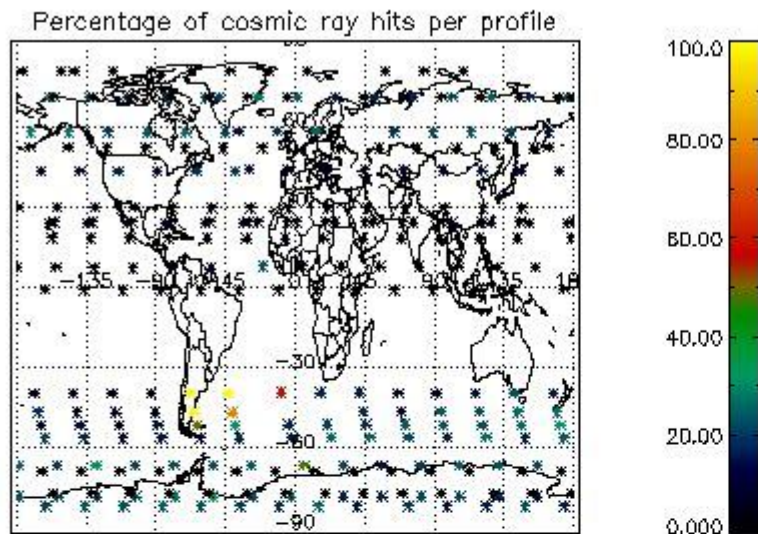
At least one measurement with demodulation flag set:	54.2662 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	42.3208 %

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)

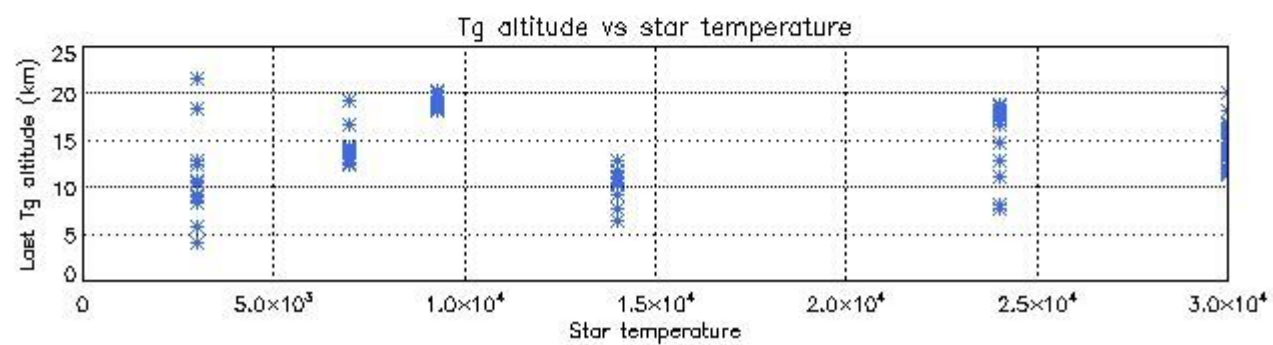
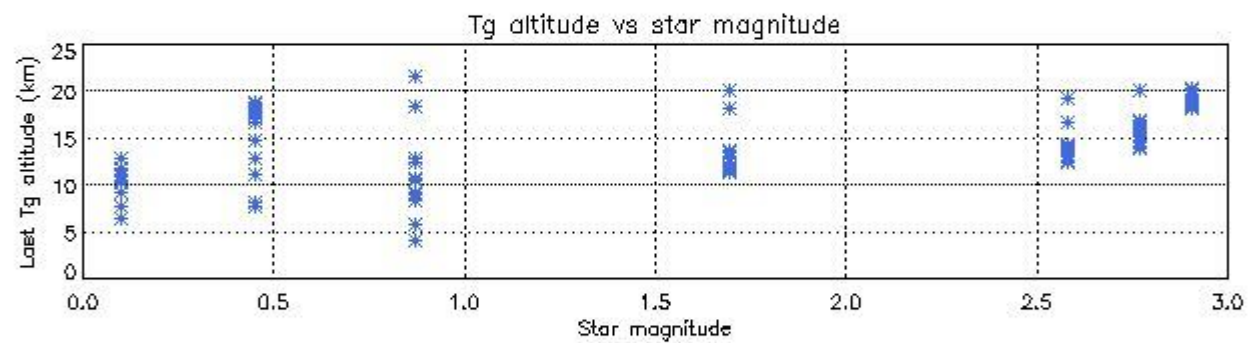
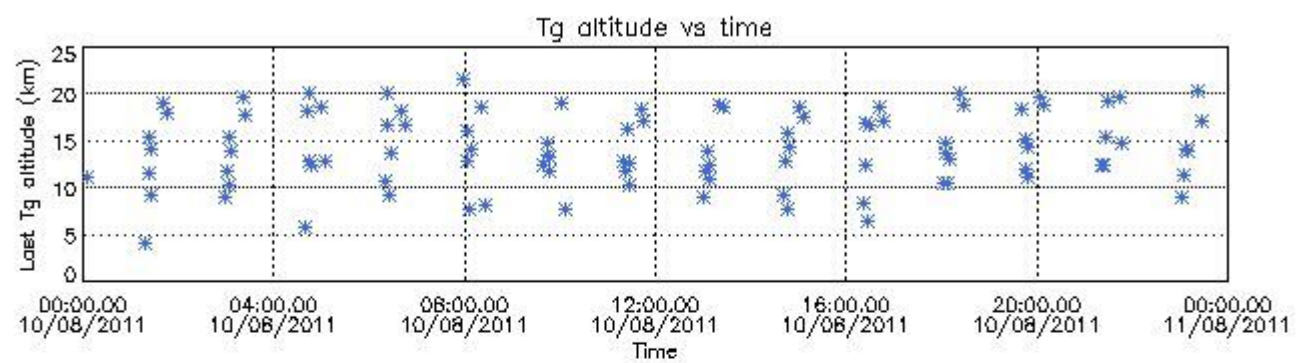
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.156	19.276	NaN
St. deviation:	3.8977	4.6755	NaN
Maximum:	21.534	30.894	NaN
Minimum:	3.9664	3.3293	NaN
Number of data:	97.000	124.00	NaN

### 6.2 Plot for DARK limb products

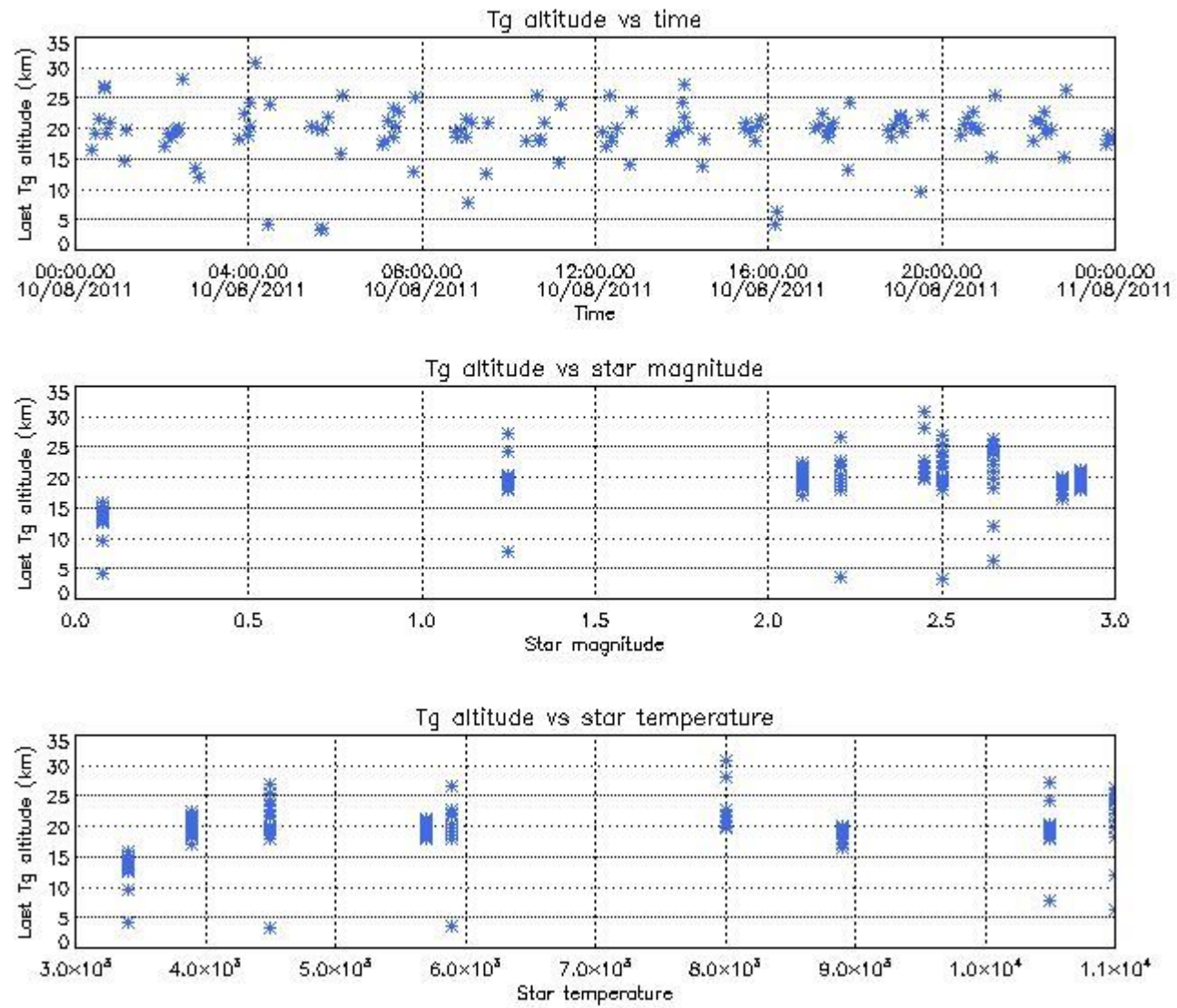


Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost

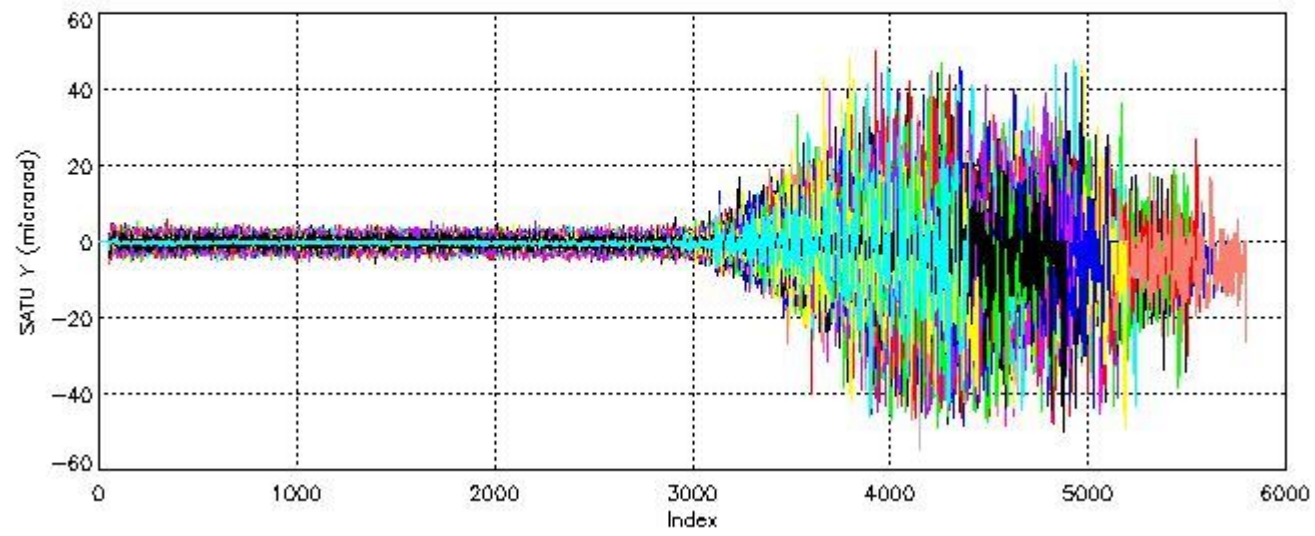
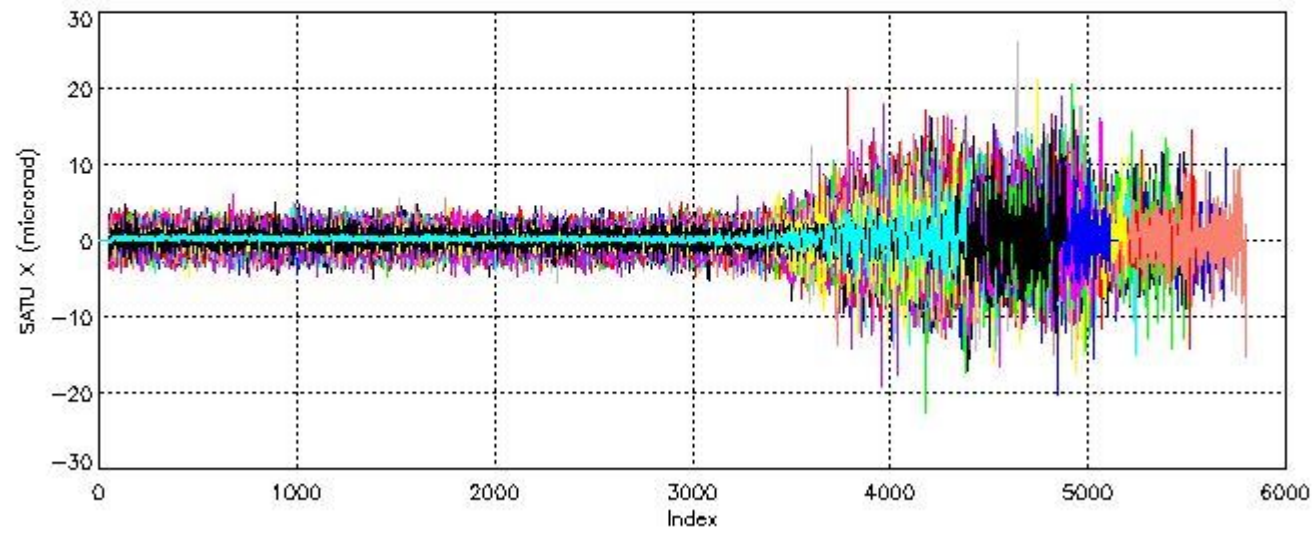


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.14528	-0.23917	0.20857	-0.24890
St. deviation:	0.59011	0.66562	0.66861	0.73954
Maximum:	6.0000	5.7000	4.4000	4.8000
Minimum:	-4.8000	-5.7000	-4.9000	-5.2000



Number of data:	97000.	97000.	1.2010E+05	1.2010E+05
90Percentile:	1.0000	0.60000	1.1000	0.70000

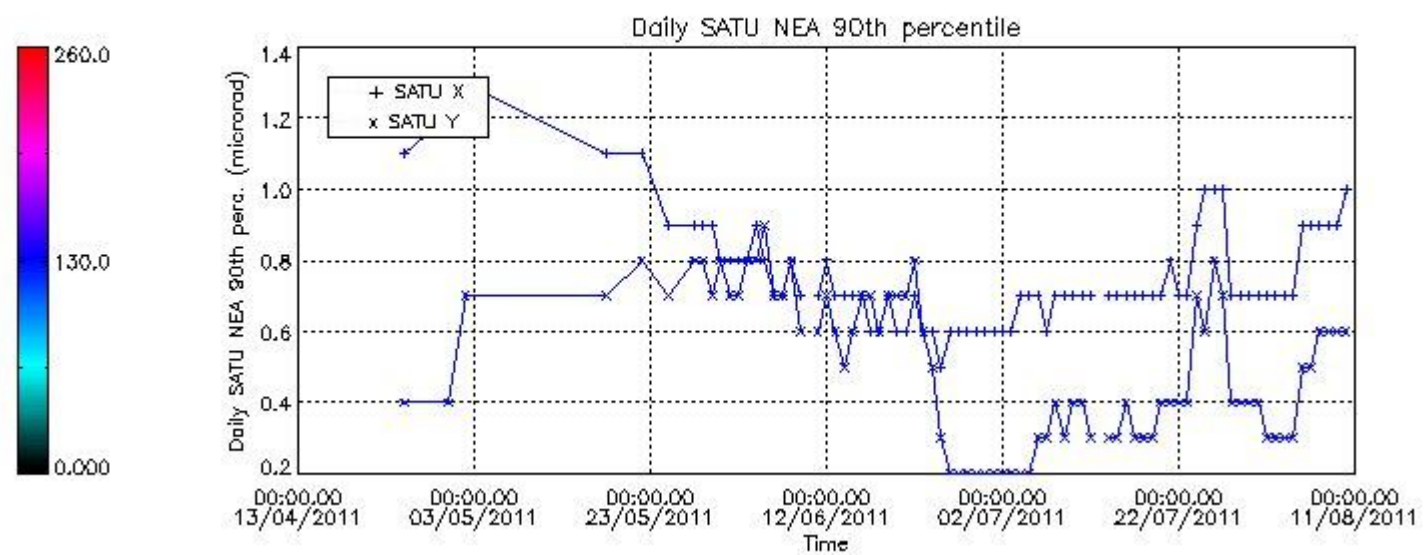
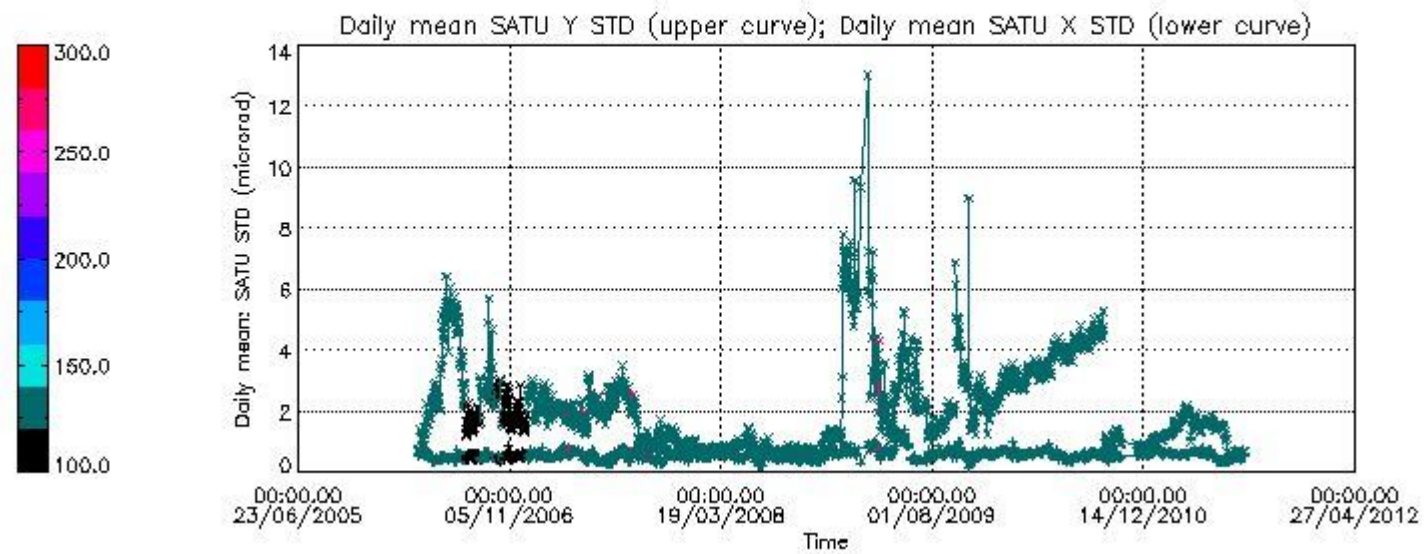
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

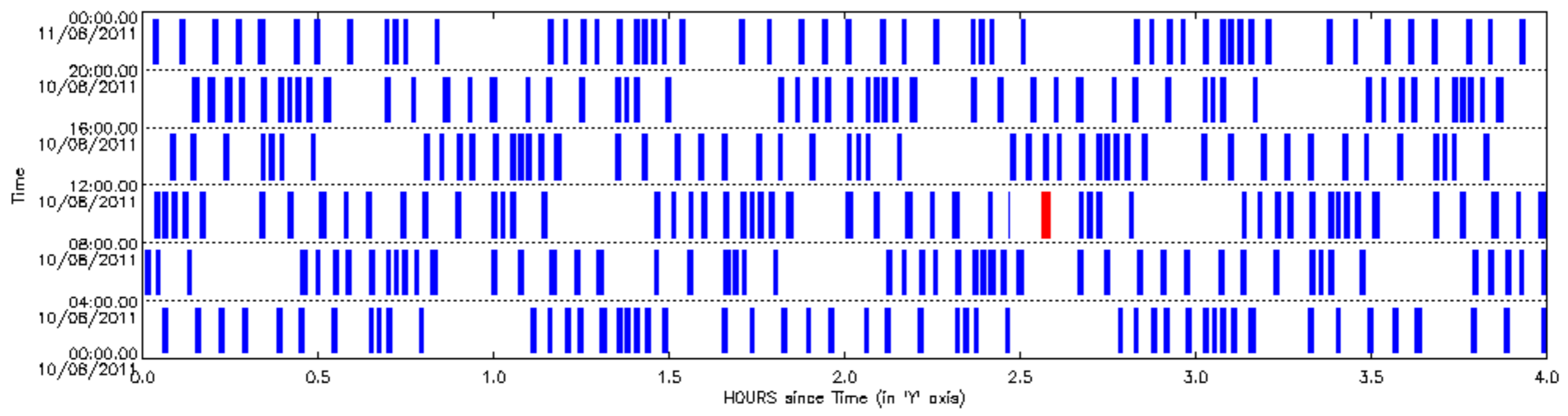
Lower curve: STD of SATU X axis



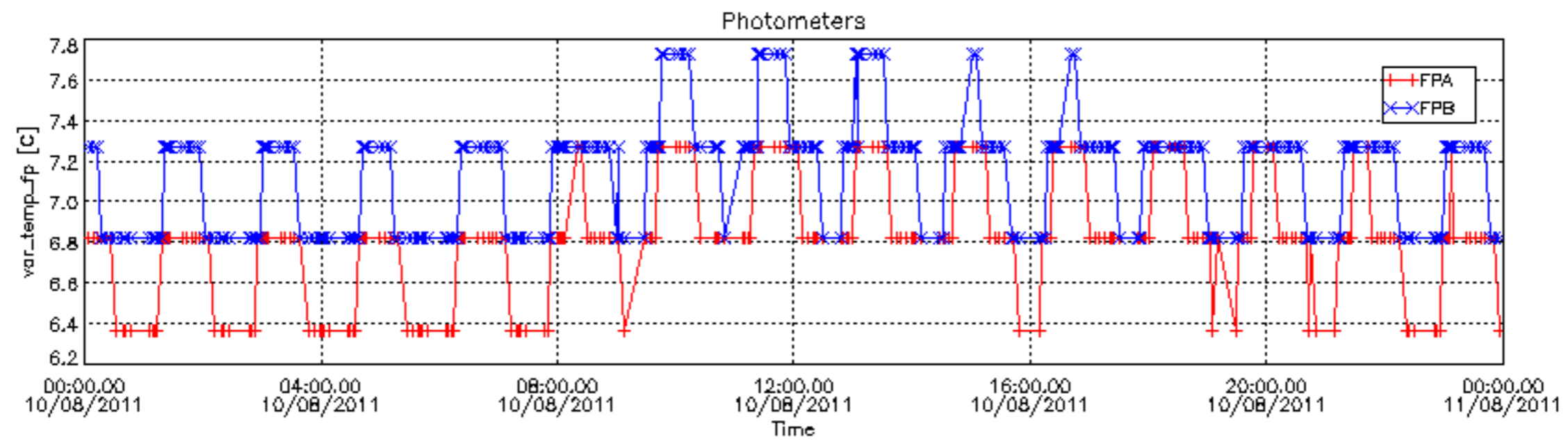
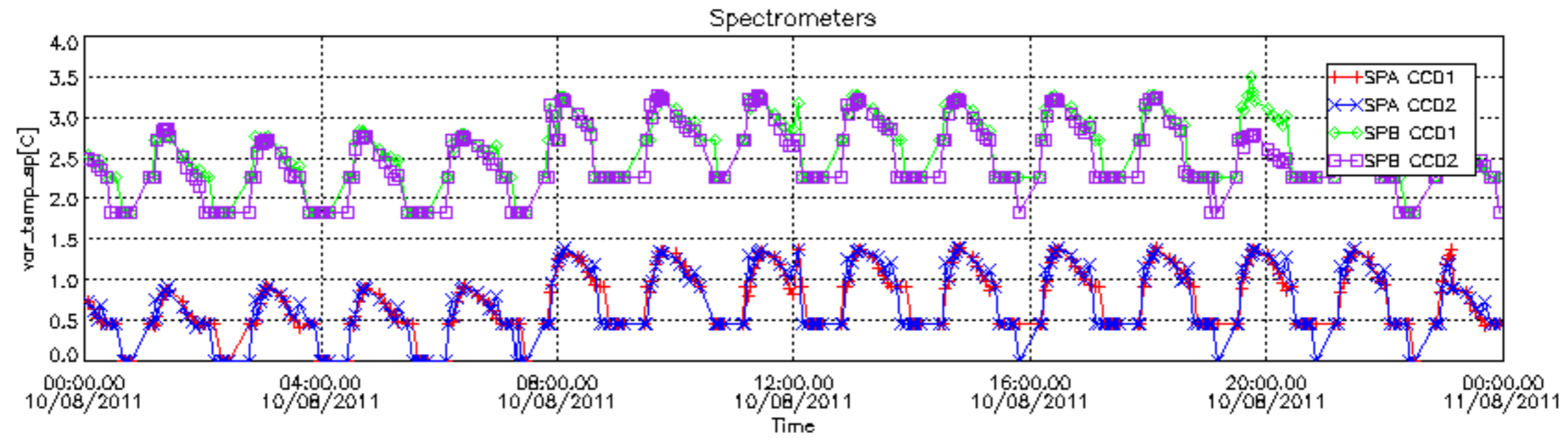
### 8. Auxiliary Data Files used for the production reported in section 2.4

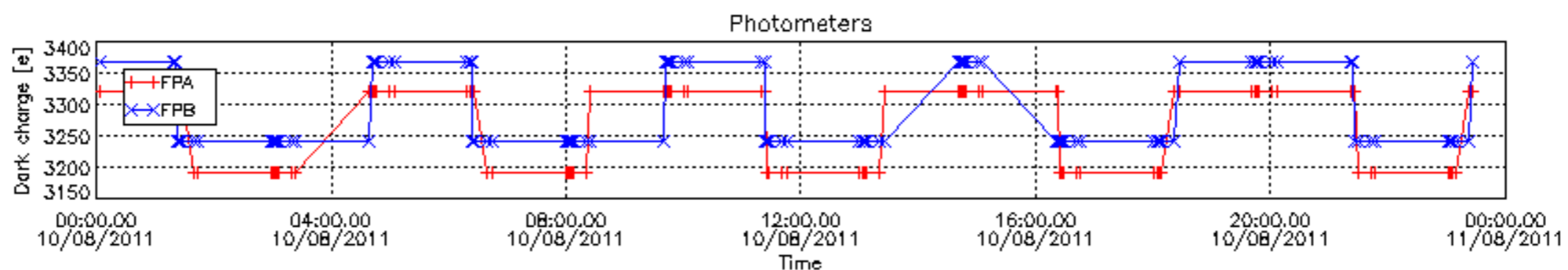
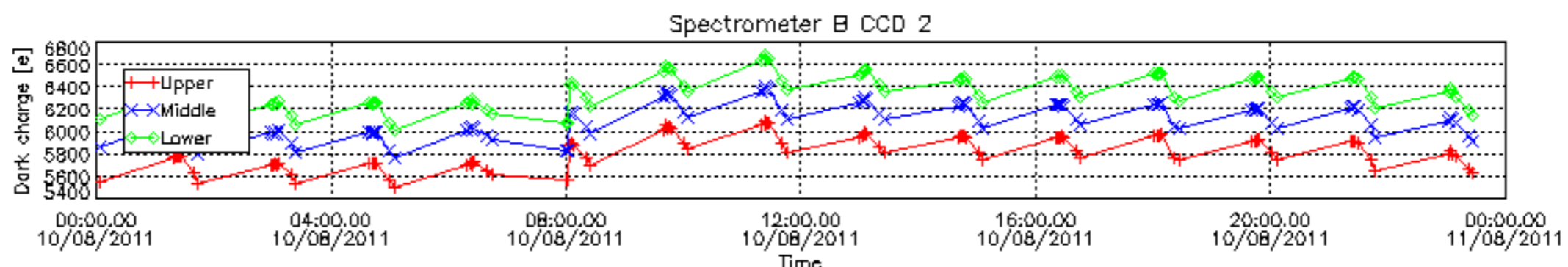
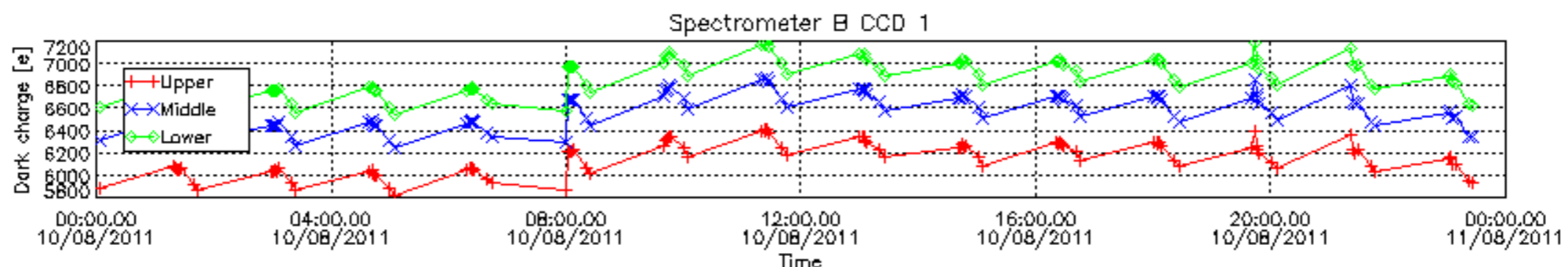
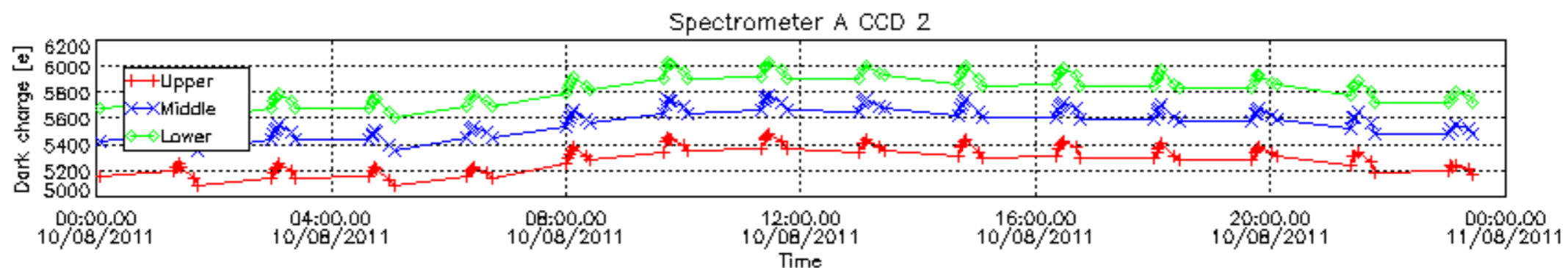
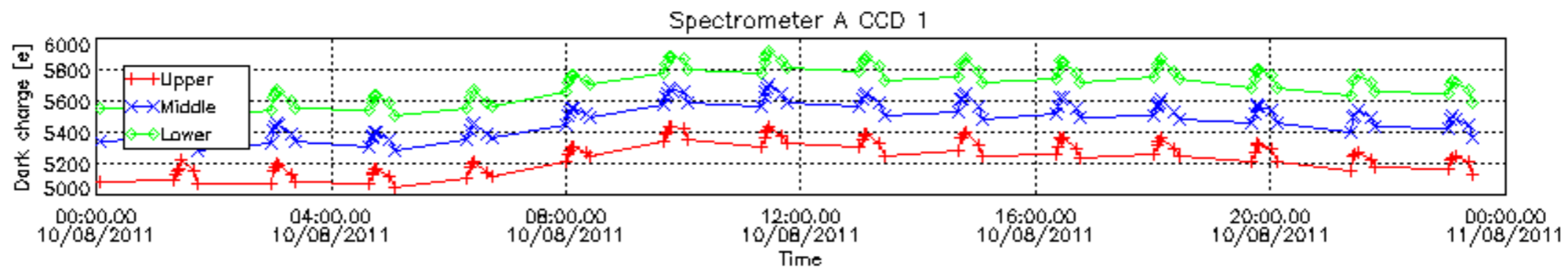
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

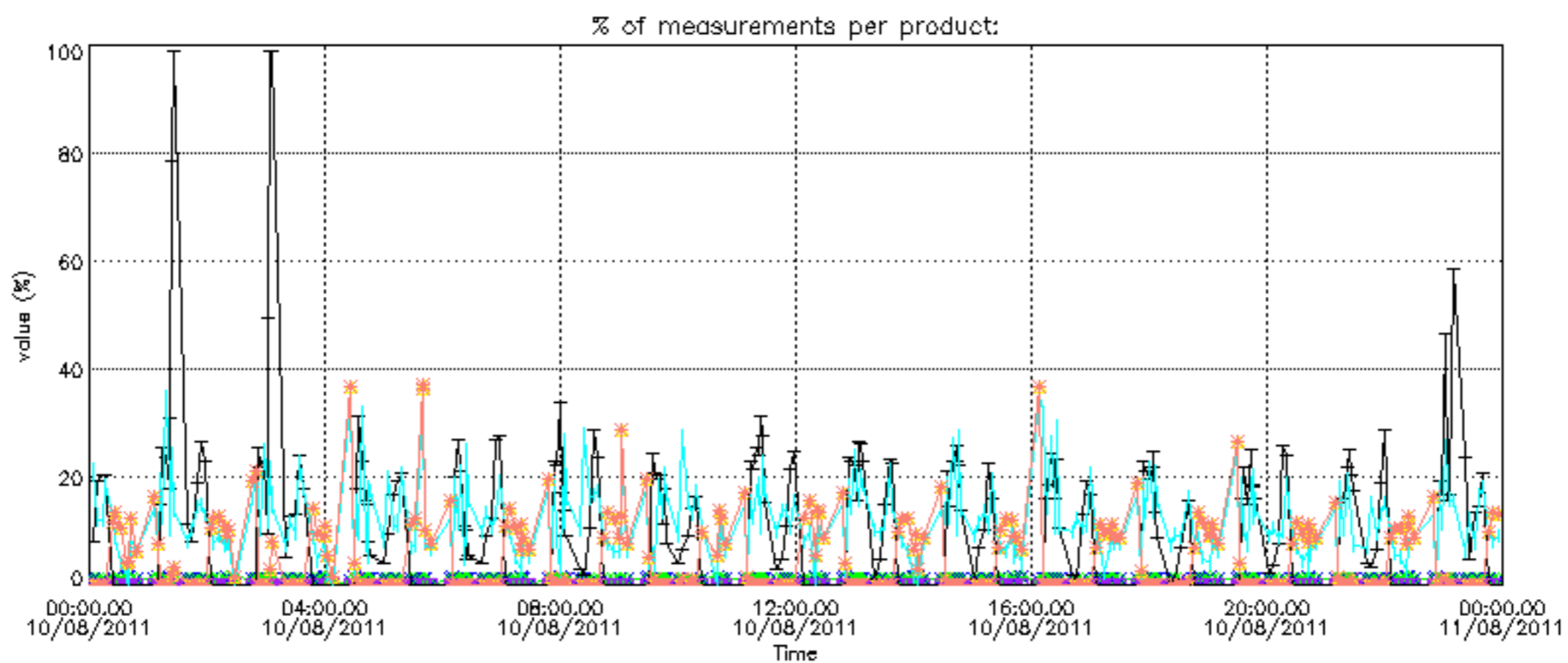
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-AUG-2011 00:03:28
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110809_072920_20110808_000000_20500101_000000	1	10-AUG-2011 00:03:28
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	10-AUG-2011 00:03:28
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	10-AUG-2011 00:03:28
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	10-AUG-2011 00:03:28
ECMWF_FILE	AUX_ECF_AXNECM20110809_062116_20110809_210000_20110810_090000	1	10-AUG-2011 00:03:28
ECMWF_FILE	AUX_ECF_AXNECM20110809_182243_20110810_030000_20110810_150000	53	10-AUG-2011 04:26:54
ECMWF_FILE	AUX_ECA_AXNECM20110810_062114_20110809_210000_20110810_090000	73	10-AUG-2011 06:07:08
ECMWF_FILE	AUX_ECF_AXNECM20110809_182243_20110810_030000_20110810_150000	109	10-AUG-2011 08:47:51
ECMWF_FILE	AUX_ECF_AXNECM20110810_062115_20110810_090000_20110810_210000	130	10-AUG-2011 10:39:58
ECMWF_FILE	AUX_ECF_AXNECM20110810_062115_20110810_150000_20110811_030000	190	10-AUG-2011 15:25:09
ECMWF_FILE	AUX_ECF_AXNECM20110810_062116_20110810_210000_20110811_090000	267	10-AUG-2011 21:26:49
OPTIONAL_ECMWF_FILE	MISSING	1	10-AUG-2011 00:03:28
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110809_102050_20110808_193252_20110818_200625	1	10-AUG-2011 00:03:28
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110810_103110_20110809_185608_20110819_210955	130	10-AUG-2011 10:39:58
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110810_223112_20110810_113827_20110820_135214	267	10-AUG-2011 21:26:49





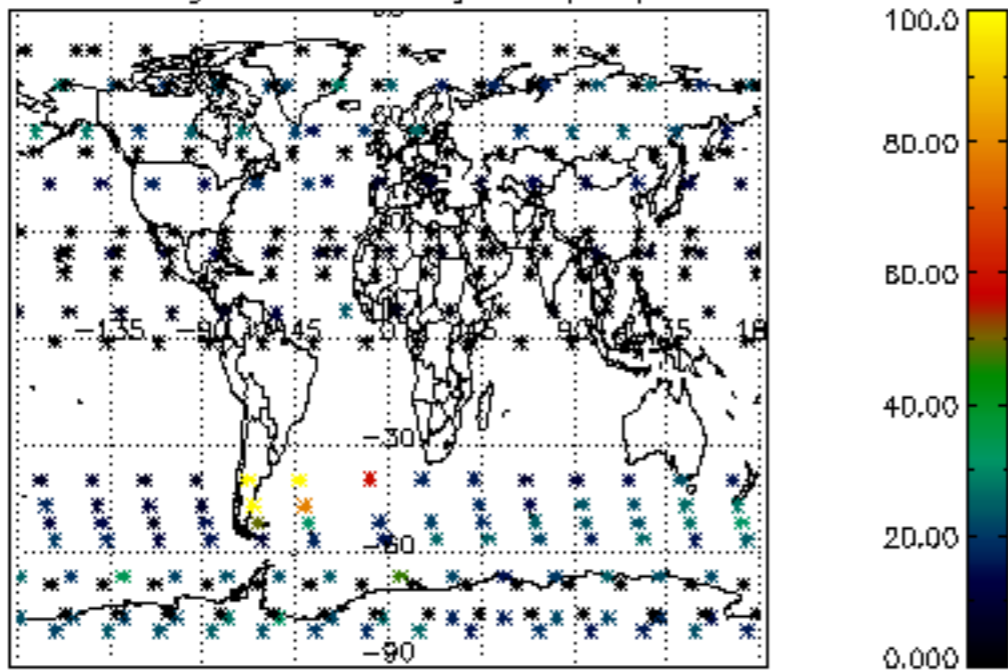




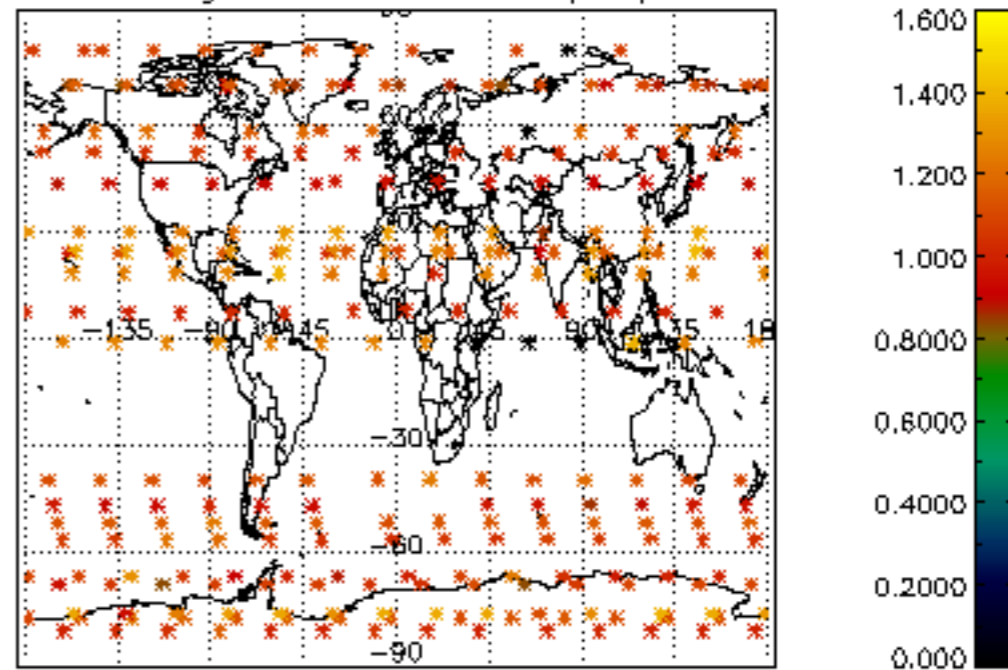




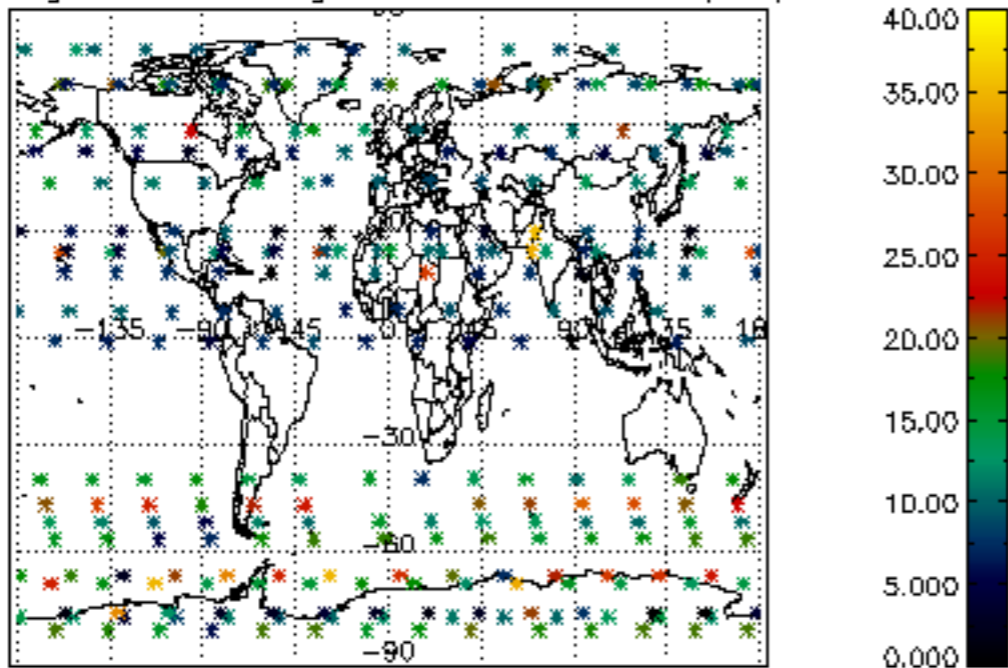
Percentage of cosmic ray hits per profile



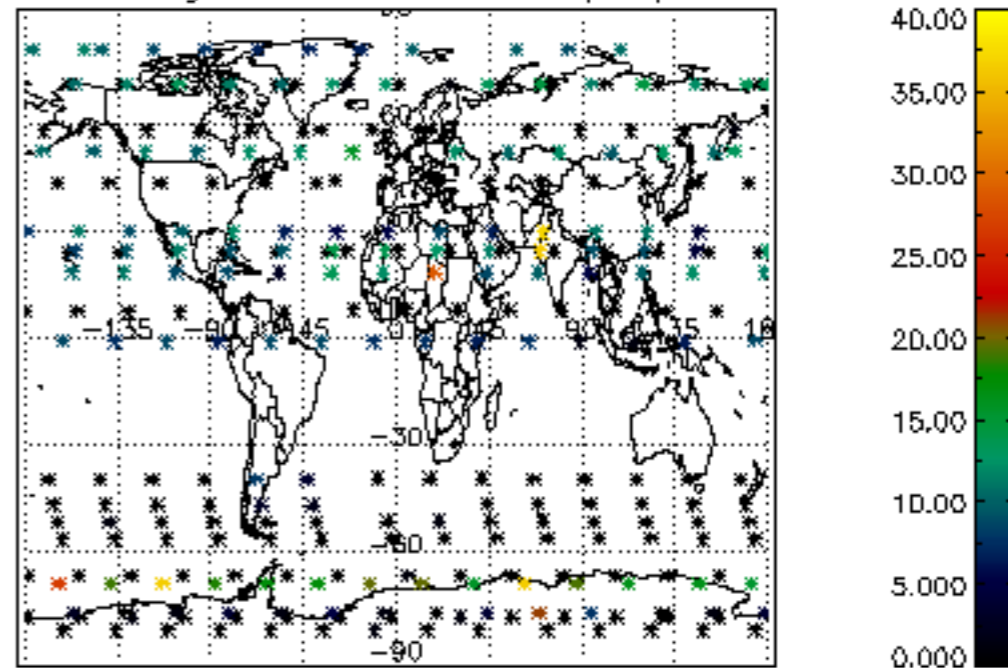
Percentage of datation errors per profile



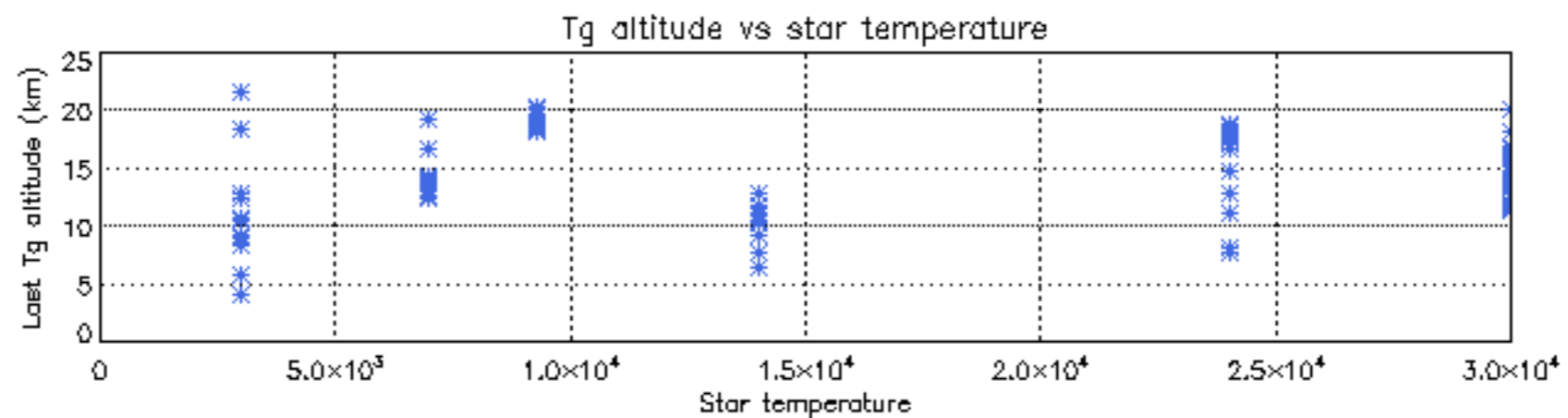
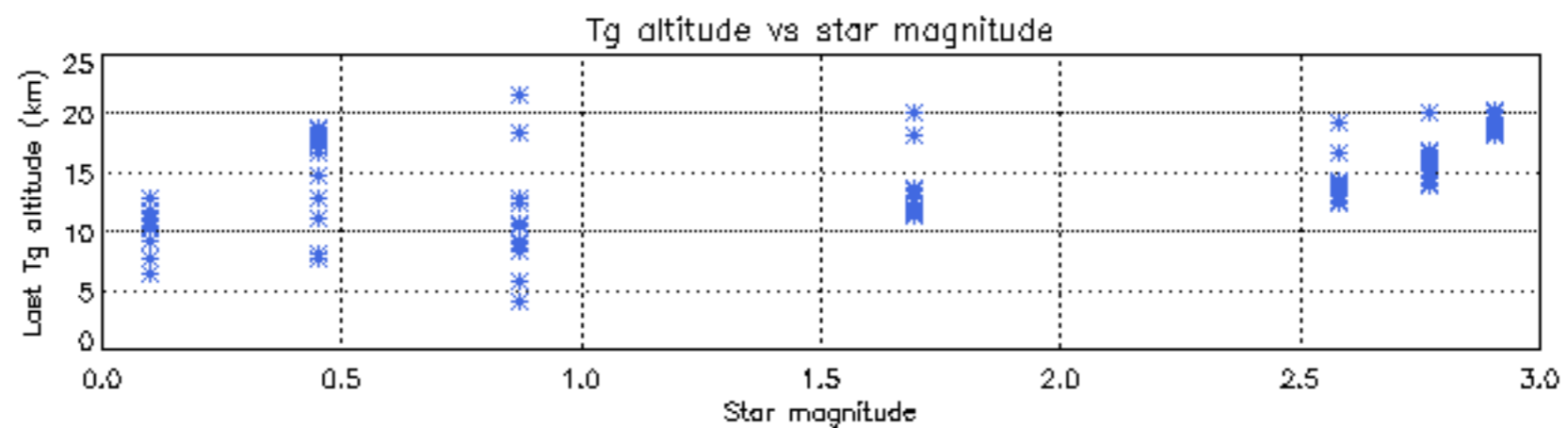
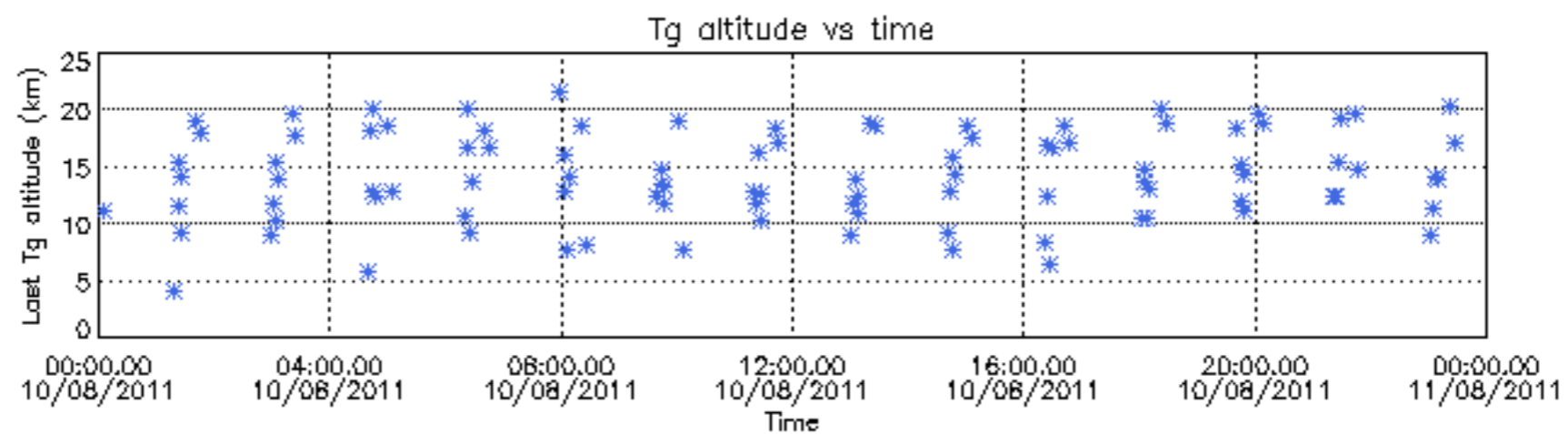
Percentage of star falling outside central band per profile



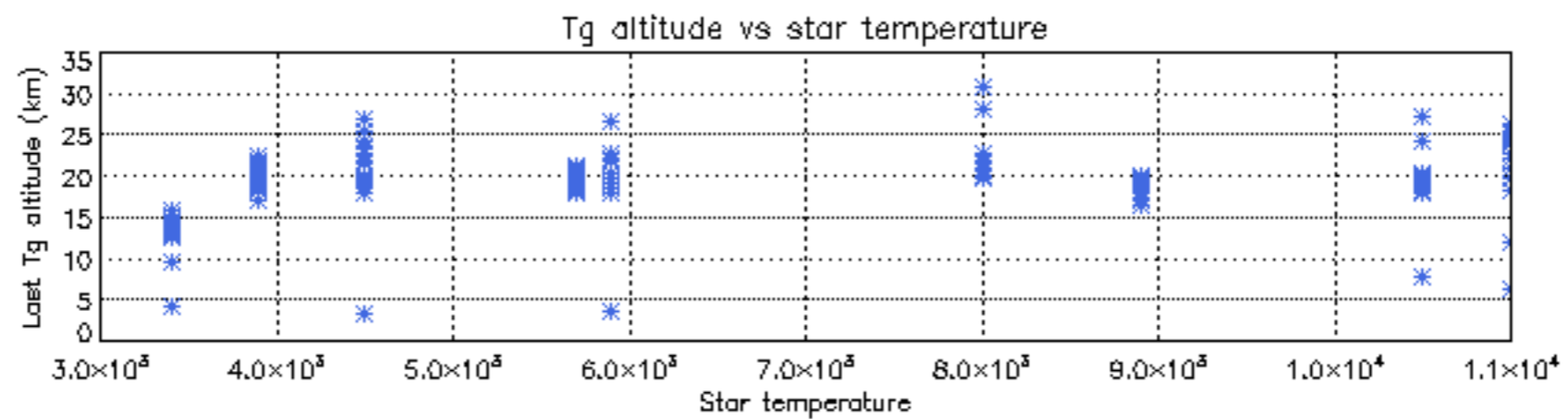
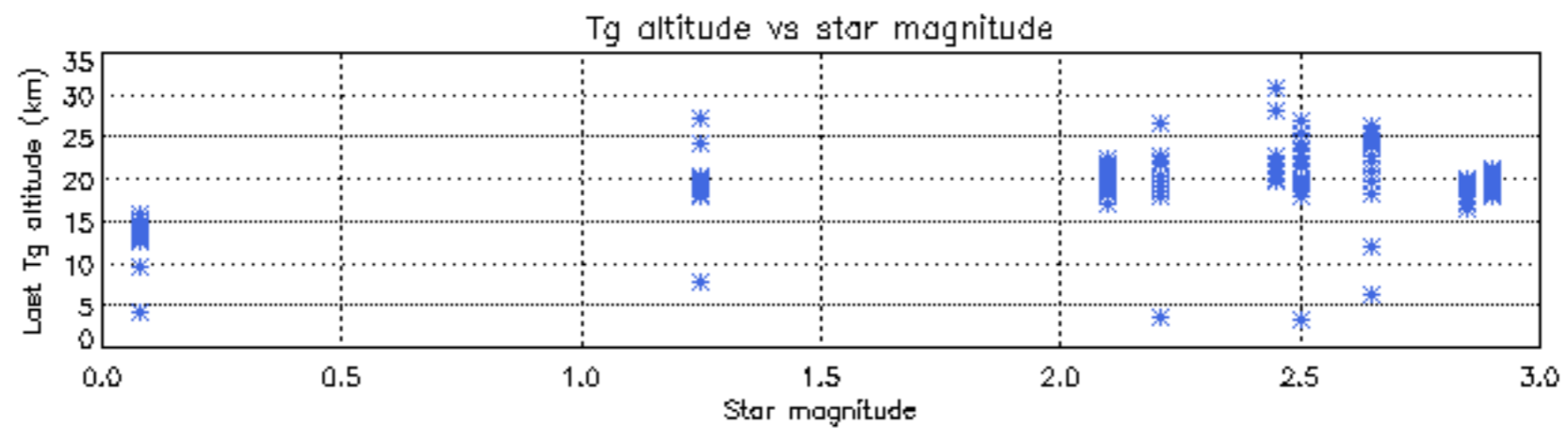
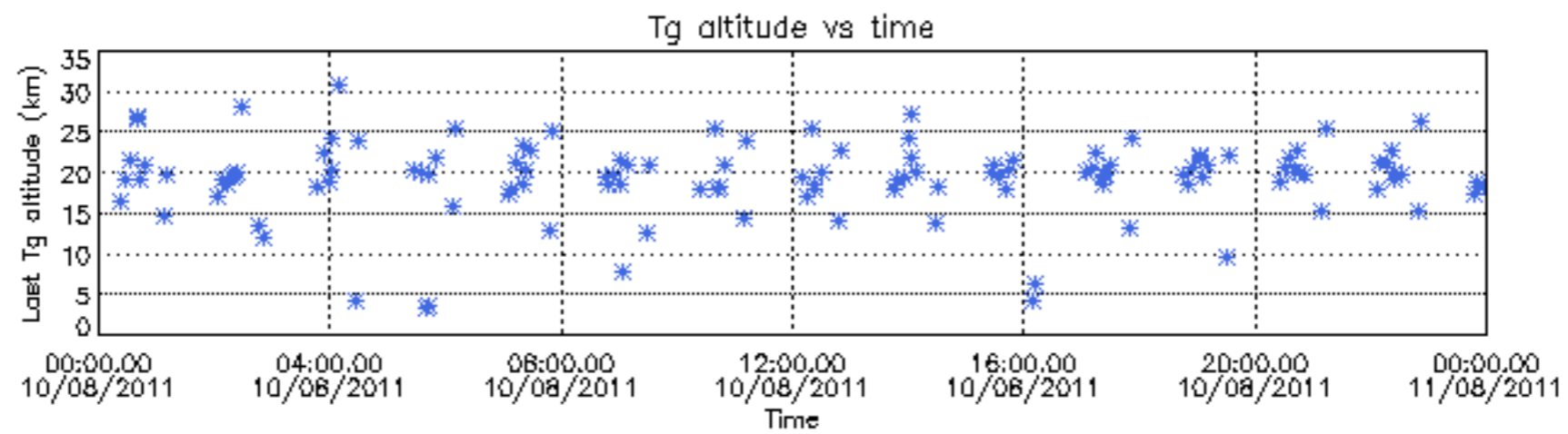
Percentage of saturation errors per profile



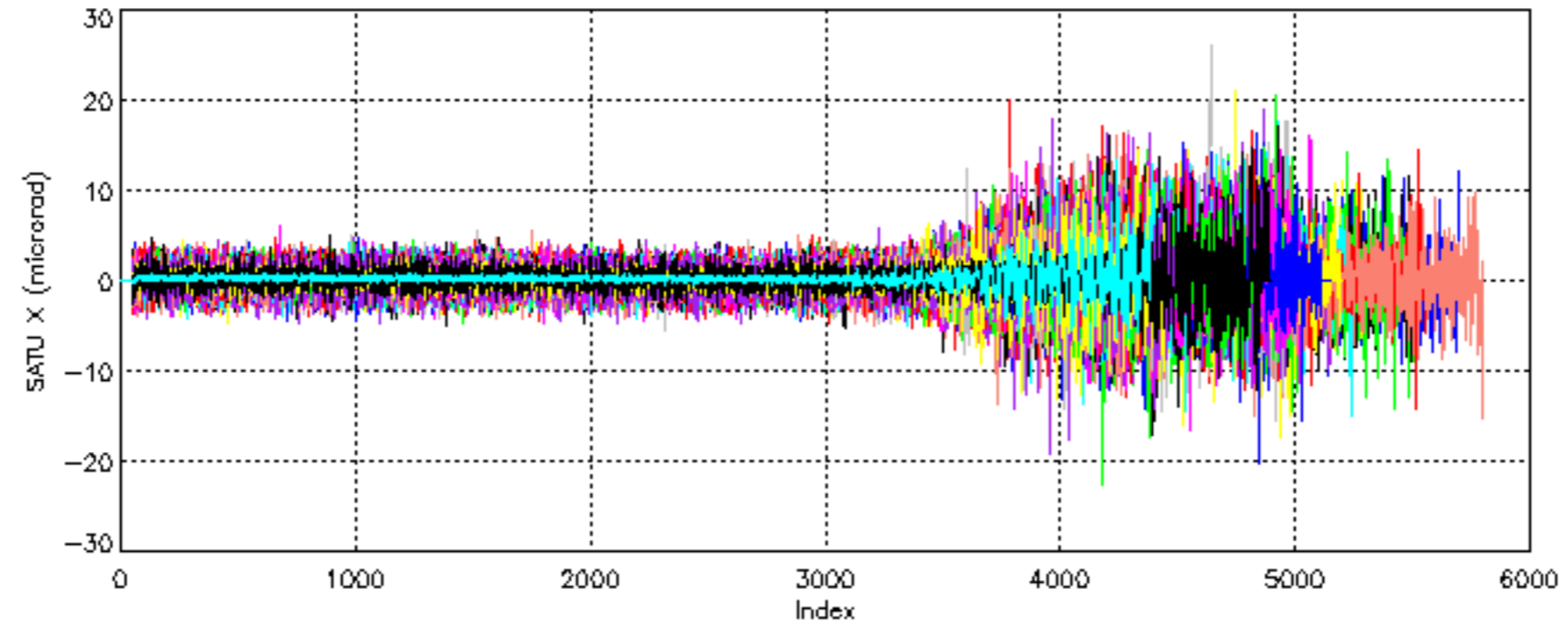
Tangent altitude at which the star is lost

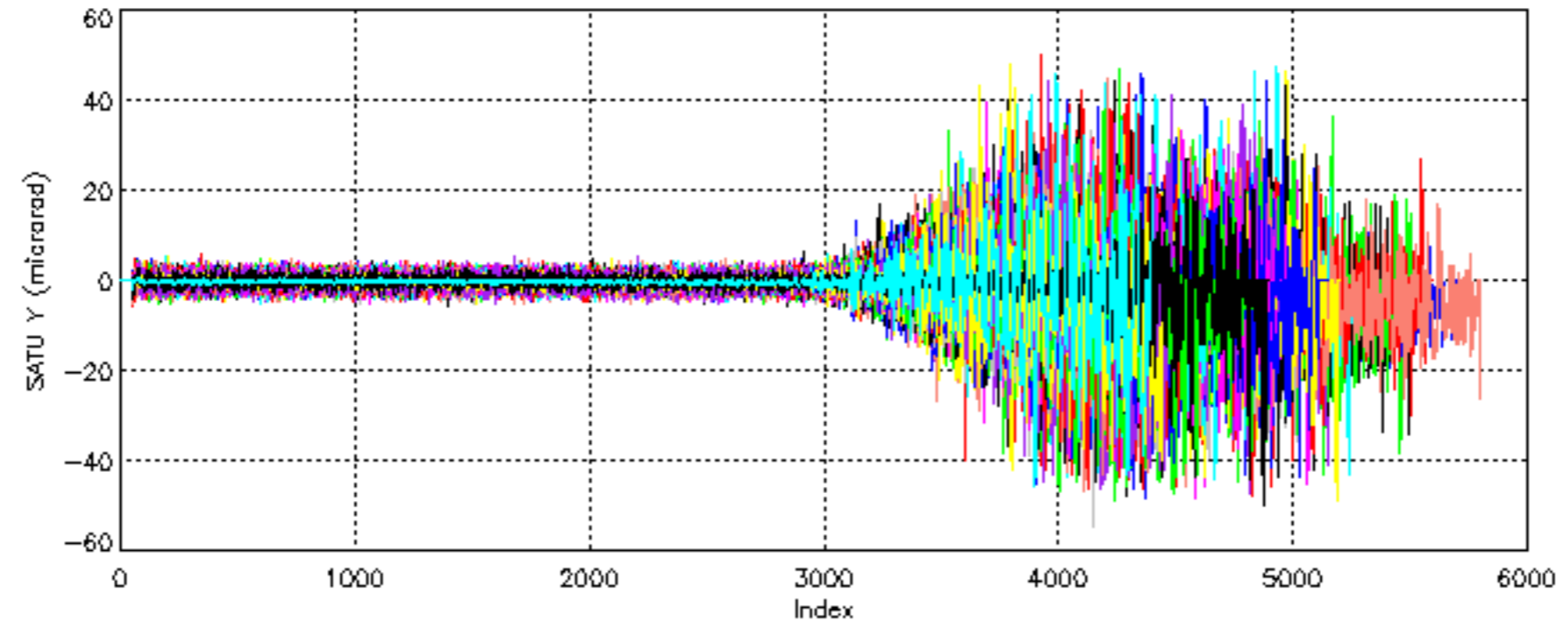


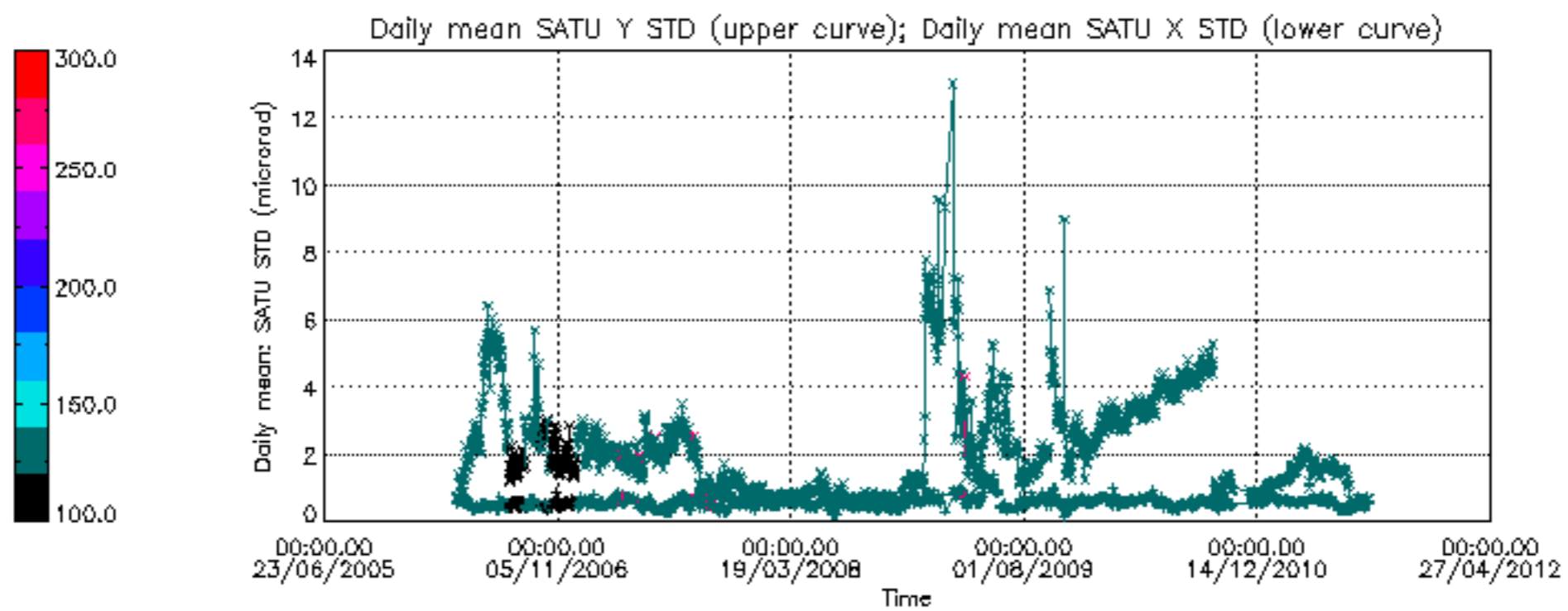
Tangent altitude at which the star is lost



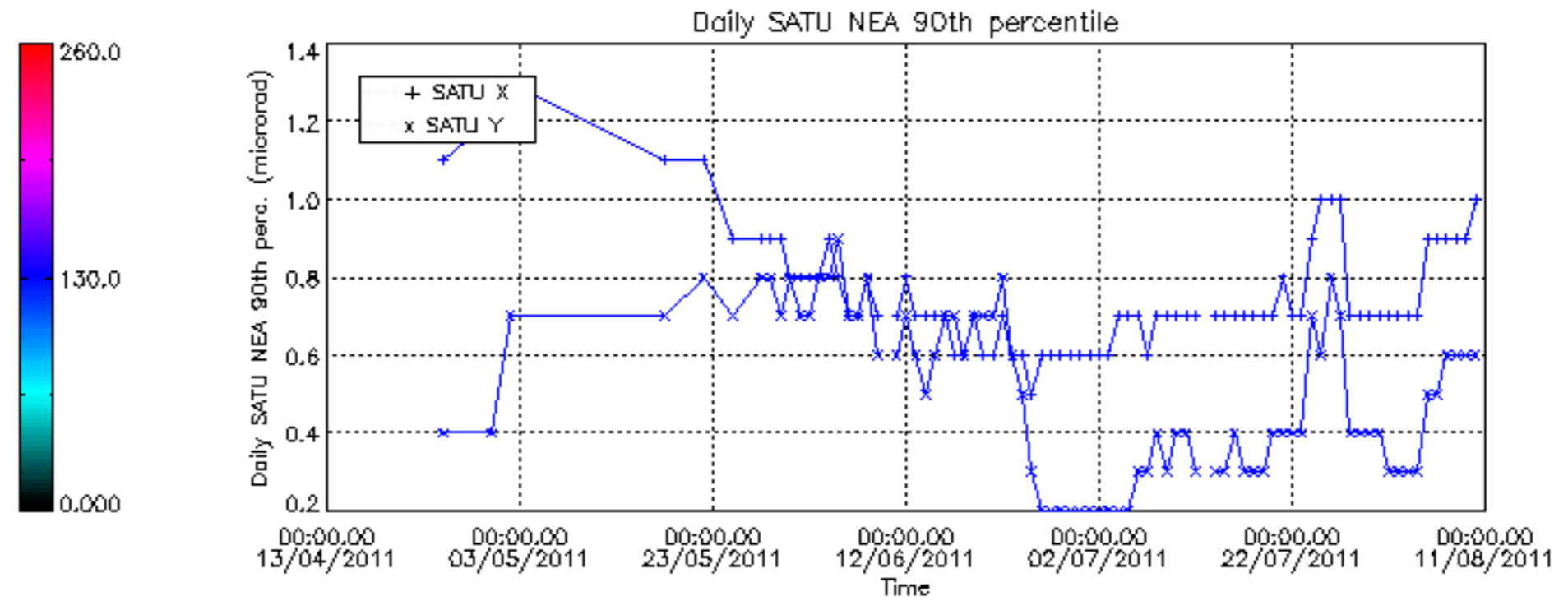












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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20110801_103324_000008403105_00109_49261_4939.N1
 1; 313.1; 01-AUG-2011 10:33:24; Dark ; 50.5; 9; Alp Eri ; 0.45; 24000;occ; 101; 0;49261
 2; 604.0; 01-AUG-2011 10:38:15; Dark ; 57.0; 84; Alp Phe ; 2.40; 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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 1; -859.9; 01-AUG-2011 01:52:41; Dark ; 44.5; 7; 19Bet Ori ; 0.10; 14000;occ; 89; 0;49255
 2; -580.9; 01-AUG-2011 01:57:20; Dark ; 57.0; 165; 34Gam Eri ; 2.95; 3200;occ; 114; 0;49255
 3; -291.9; 01-AUG-2011 02:02:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49255
 4; -17.0; 01-AUG-2011 02:06:44; Dark ; 45.5; 157; The1Eri ; 2.91; 9300;occ; 91; 0;49255
 5; 309.7; 01-AUG-2011 02:12:11; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49256
 6; 598.6; 01-AUG-2011 02:17:00; Dark ; 65.5; 84; Alp Phe ; 2.40; 4500;occ; 131; 0;49256
 7; 917.7; 01-AUG-2011 02:22:19; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;49256
 8; 1104.6; 01-AUG-2011 02:25:26; Dark ; 46.0; 172; Gam Gru ; 3.00; 13100;occ; 92; 0;49256
 9; 2045.8; 01-AUG-2011 02:41:07; Bright; 39.0; 11; 53Alp Aql ; 0.76; 8000;occ; 78; 0;49256
10; 2557.0; 01-AUG-2011 02:49:38; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;49256
11; 2676.8; 01-AUG-2011 02:51:38; Bright; 37.5; 144; 18Del Cyg ; 2.86; 11000;occ; 75; 0;49256
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13; 4902.5; 03-AUG-2011 08:56:11; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;49288  
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4; 1789.8; 11-AUG-2011 19:52:43; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;49410
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 10; 3415.9; 15-AUG-2011 12:52:10; Bright; 29.0; 76; 27Gam Cas ; 2.30; 30000;occ; 58; 0;49463  
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22; 6261.9; 17-AUG-2011 20:47:17; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49497
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
25; 7033.8; 17-AUG-2011 21:00:09; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 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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 11; 1787.4; 18-AUG-2011 02:13:39; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;49500  
 12; 1901.1; 18-AUG-2011 02:15:32; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;49500  
 13; 2088.8; 18-AUG-2011 02:18:40; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;49500  
 14; 2481.2; 18-AUG-2011 02:25:12; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49500  
 15; 2579.6; 18-AUG-2011 02:26:51; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;49500  
 16; 2672.7; 18-AUG-2011 02:28:24; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;49500  
 17; 2989.5; 18-AUG-2011 02:33:41; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;49500  
 18; 3254.8; 18-AUG-2011 02:38:06; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;49500

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 4;-1304.6; 18-AUG-2011 03:02:20; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;49500  
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 8; -702.0; 18-AUG-2011 03:12:23; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;49500  
 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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 11; 252.7; 18-AUG-2011 03:28:18; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;49501  
 12; 477.9; 18-AUG-2011 03:32:03; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49501  
 13; 825.9; 18-AUG-2011 03:37:51; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;49501  
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 22; 2672.6; 18-AUG-2011 04:08:38; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;49501  
 23; 2989.3; 18-AUG-2011 04:13:54; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;49501  
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 3;-1476.2; 18-AUG-2011 04:39:43; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;49501  
 4;-1304.4; 18-AUG-2011 04:42:35; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;49501  
 5;-1086.8; 18-AUG-2011 04:46:12; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;49501  
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 8; -701.2; 18-AUG-2011 04:52:38; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;49501  
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 13; 826.7; 18-AUG-2011 05:18:06; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;49502  
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 15; 1259.2; 18-AUG-2011 05:25:18; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;49502  
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 19; 2088.5; 18-AUG-2011 05:39:08; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;49502  
 20; 2481.0; 18-AUG-2011 05:45:40; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49502  
 21; 2579.5; 18-AUG-2011 05:47:19; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;49502  
 22; 2672.5; 18-AUG-2011 05:48:52; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49502  
 23; 2989.1; 18-AUG-2011 05:54:08; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;49502



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3; 1586.6; 18-AUG-2011 20:32:52; Bright; 58.0; 142; 49Del Cap ; 2.85; 8900;occ; 116; 0;49511
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
10; 3246.5; 18-AUG-2011 21:00:32; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;49511
11; 4165.8; 18-AUG-2011 21:15:51; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;49511
12; 4348.4; 18-AUG-2011 21:18:53; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;49511
13; 4539.7; 18-AUG-2011 21:22:05; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;49511
14; 4712.3; 18-AUG-2011 21:24:57; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;49511
15; 4931.9; 18-AUG-2011 21:28:37; Dark ; 56.0; 14; 58Alp Ori ; 0.87; 3000;occ; 112; 0;49511
16; 5132.3; 18-AUG-2011 21:31:57; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;49511
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6; 485.2; 18-AUG-2011 21:54:44; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;49512
7; 834.5; 18-AUG-2011 22:00:34; Dark ; 60.0; 84; Alp Phe ; 2.40; 4500;occ; 120; 0;49512
8; 979.1; 18-AUG-2011 22:02:58; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;49512
9; 1262.9; 18-AUG-2011 22:07:42; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;49512
10; 1586.8; 18-AUG-2011 22:13:06; Bright; 40.5; 142; 49Del Cap ; 2.85; 8900;occ; 81; 0;49512
11; 1787.4; 18-AUG-2011 22:16:26; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;49512
12; 1899.1; 18-AUG-2011 22:18:18; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;49512
13; 2085.8; 18-AUG-2011 22:21:25; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;49512
14; 2479.4; 18-AUG-2011 22:27:58; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;49512
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24; 5132.9; 18-AUG-2011 23:12:12; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;49512
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8; 1263.2; 18-AUG-2011 23:47:56; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;49513
9; 1586.9; 18-AUG-2011 23:53:20; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;49513
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13; 2479.3; 19-AUG-2011 00:08:12; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;49513
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15; 2670.8; 19-AUG-2011 00:11:24; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;49513
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19; 4348.5; 19-AUG-2011 00:39:21; Bright; 60.0; 107; 37The Aur ; 2.65; 11000;occ; 120; 0;49513
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 16; 5131.2; 18-AUG-2011 18:11:28; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;49509  
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 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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 2; -1662.9; 22-AUG-2011 07:10:21; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;49560  
 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  
 11; -365.9; 22-AUG-2011 07:31:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49560  
 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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 2; -478.5; 23-AUG-2011 00:12:25; Dark ; 50.5; 139; 9Bet Lep ; 2.83; 5600;occ; 101; 0;49570  
 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
17; 2974.8; 23-AUG-2011 02:50:12; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;49572
18; 3202.1; 23-AUG-2011 02:54:00; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;49572
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3; -1383.8; 23-AUG-2011 03:17:48; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;49572
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
7; -725.1; 23-AUG-2011 03:28:47; Dark ; 44.5; 1; 9Alp CMa ; -1.44; 11000;occ; 89; 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
17; 1788.8; 23-AUG-2011 04:10:40; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49573
18; 1890.6; 23-AUG-2011 04:12:22; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;49573
19; 2074.0; 23-AUG-2011 04:15:26; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49573
20; 2473.7; 23-AUG-2011 04:22:05; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;49573
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
24; 3333.8; 23-AUG-2011 04:36:26; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;49573
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3; -1383.6; 23-AUG-2011 04:58:02; Dark ; 54.0; 151; 13Mu Gem ; 2.89; 3000;occ; 108; 0;49573
4; -1284.2; 23-AUG-2011 04:59:42; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;49573
5; -1049.3; 23-AUG-2011 05:03:36; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;49573

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9; -475.7; 23-AUG-2011 05:13:10; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;49573
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11; 341.2; 23-AUG-2011 05:26:47; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;49574
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13; 880.5; 23-AUG-2011 05:35:46; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;49574
14; 1003.7; 23-AUG-2011 05:37:49; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;49574
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20; 2473.7; 23-AUG-2011 06:02:19; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;49574
21; 2664.8; 23-AUG-2011 06:05:30; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;49574
22; 2974.4; 23-AUG-2011 06:10:40; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49574
23; 3200.6; 23-AUG-2011 06:14:26; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;49574
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4; 2073.1; 23-AUG-2011 14:16:49; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49579
5; 2473.1; 23-AUG-2011 14:23:29; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;49579
6; 2664.4; 23-AUG-2011 14:26:40; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49579
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8; 3197.2; 23-AUG-2011 14:35:33; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;49579
9; 3329.5; 23-AUG-2011 14:37:45; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;49579
10; 4155.8; 23-AUG-2011 14:51:31; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;49579
11; 4352.0; 23-AUG-2011 14:54:47; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;49579
12; 4632.1; 23-AUG-2011 14:59:28; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;49579
13; 4731.7; 23-AUG-2011 15:01:07; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;49579
14; 4968.2; 23-AUG-2011 15:05:04; Dark ; 64.5; 14; 58Alp Ori ; 0.87; 3000;occ; 129; 0;49579
15; 5184.1; 23-AUG-2011 15:08:40; Dark ; 57.5; 30; 46Eps Ori ; 1.69; 30000;occ; 115; 0;49579
16; 5292.0; 23-AUG-2011 15:10:28; Dark ; 46.5; 1; 9Alp CMA ;-1.44; 11000;occ; 93; 0;49579
17; 5390.4; 23-AUG-2011 15:12:06; Dark ; 52.0; 7; 19Bet Ori ; 0.10; 14000;occ; 104; 0;49579
18; 5483.8; 23-AUG-2011 15:13:39; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;49579
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21; 6543.9; 23-AUG-2011 15:31:19; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;49580
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13; 4741.4; 25-AUG-2011 18:48:30; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;49610

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13;	2066.7;	27-AUG-2011	01:48:21;	Bright;	;	39.0;	61;	8Eps Peg	;	2.10;	3900;occ;	78;	0;	49629
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9;	-297.9;	27-AUG-2011	04:29:24;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	49630
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14; 5319.6; 27-AUG-2011 12:43:58; Dark ; 47.5; 1; 9Alp CMA ; -1.44; 11000;occ; 95; 0;49635
15; 5537.9; 27-AUG-2011 12:47:36; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;49635
16; 5721.2; 27-AUG-2011 12:50:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49635
17; 6431.2; 27-AUG-2011 13:02:29; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;49636
18; 6579.6; 27-AUG-2011 13:04:58; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;49636
19; 6936.0; 27-AUG-2011 13:10:54; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;49636
20; 7039.6; 27-AUG-2011 13:12:38; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;49636
21; 7319.0; 27-AUG-2011 13:17:17; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;49636
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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
3; 2066.2; 27-AUG-2011 13:29:58; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;49636
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
15; 5539.1; 27-AUG-2011 14:27:51; Dark ; 55.0; 101; 11Alp Lep ; 2.58; 7000;occ; 110; 0;49636
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
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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
20; 7319.6; 27-AUG-2011 16:37:45; Dark ; 10.0; 18; 24Alp PsA ; 1.17; 9700;occ; 20; 0;49638

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 5; 2065.8; 27-AUG-2011 16:50:26; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 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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 3; 1792.2; 27-AUG-2011 20:06:20; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;49640  
 4; 1885.1; 27-AUG-2011 20:07:53; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;49640  
 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  
 7; 2964.3; 27-AUG-2011 20:25:52; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49640  
 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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 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  
 8; 1602.5; 27-AUG-2011 23:23:38; Dark ; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;49642  
 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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 4; 1885.2; 27-AUG-2011 18:27:39; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;49639  
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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  
14; 4838.6; 27-AUG-2011 19:16:52; Dark ; 41.0; 153; 3Bet CMi ; 2.89; 13100;occ; 82; 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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21; 6938.6; 27-AUG-2011 19:51:53; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;49640

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2; -689.8; 28-AUG-2011 02:05:54; Dark ; 48.0; 1; 9Alp CMA ; -1.44; 11000;occ; 96; 0;49643  
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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9; 1602.8; 28-AUG-2011 02:44:06; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 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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13; 2508.3; 28-AUG-2011 02:59:12; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;49644  
14; 2963.9; 28-AUG-2011 03:06:48; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;49644  
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9; 4354.1; 28-AUG-2011 08:30:40; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;49647
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7; 3279.5; 28-AUG-2011 09:52:59; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;49648
8; 4189.9; 28-AUG-2011 10:08:09; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;49648
9; 4354.2; 28-AUG-2011 10:10:54; Bright; 53.5; 107; 37The Aur ; 2.65; 11000;occ; 107; 0;49648
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11; 4486.6; 28-AUG-2011 11:53:20; Bright; 36.0; 17; 78Bet Gem ; 1.16; 4500;occ; 72; 0;49649
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 9; 4354.3; 28-AUG-2011 15:11:36; Bright; 47.0; 107; 37The Aur ; 2.65; 11000;occ; 94; 0;49651
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