

GOMOS Daily Report 13-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	15AUG2011 07:02:01
Data source version	GOMOS/6.01
Start time of products	13AUG2011 00:03:25
Stop time of products	13AUG2011 23:54:50
Store outputs in DB	Yes
Nb of level 1b prods	322
Nb of prods with errors	4

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

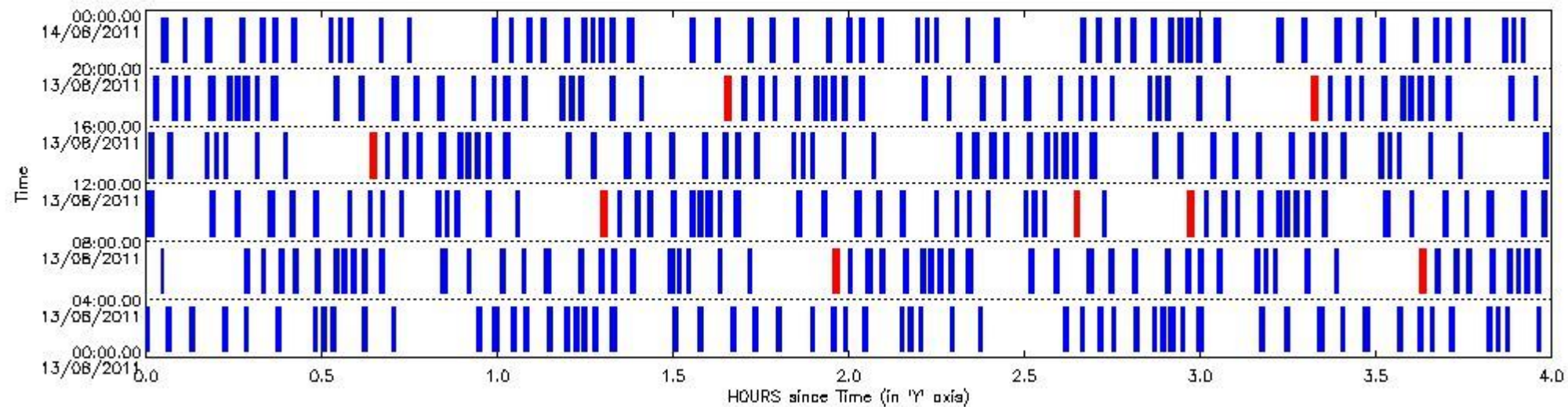
2.1 Level 0 products arrived in PCF (see template [here](#))

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
13-AUG-2011 05:57:12	13AlpAur	6	49430
13-AUG-2011 07:37:26	13AlpAur	6	49431
13-AUG-2011 09:17:40	13AlpAur	6	49432
13-AUG-2011 10:38:26	5AlpCep	89	49433
13-AUG-2011 10:57:54	13AlpAur	6	49433
13-AUG-2011 12:38:07	13AlpAur	6	49434
13-AUG-2011 17:38:49	13AlpAur	6	49437
13-AUG-2011 19:19:03	13AlpAur	6	49438

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_1PNPDE20110813_000325_000000423105_00275_49427_4118.N1	13-AUG-2011 00:03:25	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49427	No
2	GOM_TRA_1PNPDE20110813_000718_000000603105_00275_49427_4119.N1	13-AUG-2011 00:07:18	Twilight_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	49427	No
3	GOM_TRA_1PNPDE20110813_001308_000000453105_00275_49427_4120.N1	13-AUG-2011 00:13:08	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	49427	No

4	GOM_TRA_1PNPDE20110813_001640_000000433105_00275_49427_4121.N1	13-AUG-2011 00:16:40	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49427	No
5	GOM_TRA_1PNPDE20110813_002202_000000483105_00275_49427_4122.N1	13-AUG-2011 00:22:02	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	49427	No
6	GOM_TRA_1PNPDE20110813_002826_000000403105_00275_49427_4123.N1	13-AUG-2011 00:28:26	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	49427	No
7	GOM_TRA_1PNPDE20110813_002958_000000373105_00275_49427_4124.N1	13-AUG-2011 00:29:58	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	49427	No
8	GOM_TRA_1PNPDE20110813_003137_000000413105_00275_49427_4125.N1	13-AUG-2011 00:31:37	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	49427	No
9	GOM_TRA_1PNPDE20110813_003659_000000403105_00275_49427_4126.N1	13-AUG-2011 00:36:59	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49427	No
10	GOM_TRA_1PNPDE20110813_004202_000000253105_00275_49427_4127.N1	13-AUG-2011 00:42:02	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	49427	No
11	GOM_TRA_1PNPDE20110813_005625_000000463105_00275_49427_4128.N1	13-AUG-2011 00:56:25	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49427	No
12	GOM_TRA_1PNPDE20110813_005913_000000493105_00275_49427_4129.N1	13-AUG-2011 00:59:13	Bright	49.000	107	37The Aur	2.6490	11000.	98	49427	No
13	GOM_TRA_1PNPDE20110813_010214_000000533105_00275_49427_4130.N1	13-AUG-2011 01:02:14	Tw_i_and_stray	52.500	28	12Bet Tau	1.6500	15200.	105	49427	No
14	GOM_TRA_1PNPDE20110813_010432_000000453105_00275_49427_4131.N1	13-AUG-2011 01:04:32	Tw_i_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	49427	No
15	GOM_TRA_1PNPDE20110813_010826_000000553105_00275_49427_4132.N1	13-AUG-2011 01:08:26	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	49427	No
16	GOM_TRA_1PNPDE20110813_011131_000000493105_00275_49427_4133.N1	13-AUG-2011 01:11:31	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49427	No
17	GOM_TRA_1PNPDE20110813_011255_000000473105_00275_49427_4134.N1	13-AUG-2011 01:12:55	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	49427	No
18	GOM_TRA_1PNPDE20110813_011424_000000543105_00275_49427_4161.N1	13-AUG-2011 01:14:24	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	49427	Yes
19	GOM_TRA_1PNPDE20110813_011620_000000463105_00275_49427_4162.N1	13-AUG-2011 01:16:20	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49427	No
20	GOM_TRA_1PNPDE20110813_012951_000000513105_00276_49428_4163.N1	13-AUG-2011 01:29:51	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49428	No
21	GOM_TRA_1PNPDE20110813_013413_000000443105_00276_49428_4164.N1	13-AUG-2011 01:34:13	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49428	No
22	GOM_TRA_1PNPDE20110813_013950_000000523105_00276_49428_4165.N1	13-AUG-2011 01:39:50	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49428	No
23	GOM_TRA_1PNPDE20110813_014339_000000433105_00276_49428_4166.N1	13-AUG-2011 01:43:39	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49428	No
24	GOM_TRA_1PNPDE20110813_014732_000000573105_00276_49428_4167.N1	13-AUG-2011 01:47:32	Tw_i_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	49428	No
25	GOM_TRA_1PNPDE20110813_015322_000000453105_00276_49428_4168.N1	13-AUG-2011 01:53:22	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49428	No
26	GOM_TRA_1PNPDE20110813_015654_000000453105_00276_49428_4169.N1	13-AUG-2011 01:56:54	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49428	No
27	GOM_TRA_1PNPDE20110813_015902_000000313105_00276_49428_4170.N1	13-AUG-2011 01:59:02	Tw_i_and_stray	31.000	162	34Alp Aqr	2.9440	5350.0	62	49428	No
28	GOM_TRA_1PNPDE20110813_020215_000000483105_00276_49428_4171.N1	13-AUG-2011 02:02:15	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	49428	No
29	GOM_TRA_1PNPDE20110813_020839_000000413105_00276_49428_4172.N1	13-AUG-2011 02:08:39	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	49428	No
30	GOM_TRA_1PNPDE20110813_021012_000000363105_00276_49428_4173.N1	13-AUG-2011 02:10:12	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	49428	No
31	GOM_TRA_1PNPDE20110813_021151_000000403105_00276_49428_4174.N1	13-AUG-2011 02:11:51	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49428	No
32	GOM_TRA_1PNPDE20110813_021712_000000393105_00276_49428_4175.N1	13-AUG-2011 02:17:12	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49428	No
33	GOM_TRA_1PNPDE20110813_022215_000000273105_00276_49428_4176.N1	13-AUG-2011 02:22:15	Tw_i_and_stray	27.000	74	11Bet Cas	2.2680	6600.0	54	49428	No
34	GOM_TRA_1PNPDE20110813_023639_000000473105_00276_49428_4177.N1	13-AUG-2011 02:36:39	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	49428	No
35	GOM_TRA_1PNPDE20110813_023927_000000393105_00276_49428_4178.N1	13-AUG-2011 02:39:27	Bright	39.000	107	37The Aur	2.6490	11000.	78	49428	No
36	GOM_TRA_1PNPDE20110813_024228_000000503105_00276_49428_4179.N1	13-AUG-2011 02:42:28	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49428	No
37	GOM_TRA_1PNPDE20110813_024447_000000463105_00276_49428_4180.N1	13-AUG-2011 02:44:47	Tw_i_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49428	No
38	GOM_TRA_1PNPDE20110813_024840_000000563105_00276_49428_4181.N1	13-AUG-2011 02:48:40	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	49428	No
39	GOM_TRA_1PNPDE20110813_025146_000000463105_00276_49428_4182.N1	13-AUG-2011 02:51:46	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	49428	No
40	GOM_TRA_1PNPDE20110813_025310_000000463105_00276_49428_4183.N1	13-AUG-2011 02:53:10	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49428	No
41	GOM_TRA_1PNPDE20110813_025439_000000553105_00276_49428_4184.N1	13-AUG-2011 02:54:39	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	49428	No
42	GOM_TRA_1PNPDE20110813_025634_000000463105_00276_49428_4185.N1	13-AUG-2011 02:56:34	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49428	No
43	GOM_TRA_1PNPDE20110813_031006_000000513105_00277_49429_4186.N1	13-AUG-2011 03:10:06	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49429	No
44	GOM_TRA_1PNPDE20110813_031428_000000463105_00277_49429_4187.N1	13-AUG-2011 03:14:28	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49429	No
45	GOM_TRA_1PNPDE20110813_032005_000000533105_00277_49429_4188.N1	13-AUG-2011 03:20:05	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49429	No
46	GOM_TRA_1PNPDE20110813_032354_000000433105_00277_49429_4189.N1	13-AUG-2011 03:23:54	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49429	No
47	GOM_TRA_1PNPDE20110813_032747_000000563105_00277_49429_4190.N1	13-AUG-2011 03:27:47	Tw_i_and_stray	56.000	18	24Alp PsA	1.1660	9700.0	112	49429	No
48	GOM_TRA_1PNPDE20110813_033336_000000463105_00277_49429_4191.N1	13-AUG-2011 03:33:36	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	49429	No
49	GOM_TRA_1PNPDE20110813_033708_000000443105_00277_49429_4192.N1	13-AUG-2011 03:37:08	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	49429	No
50	GOM_TRA_1PNPDE20110813_033916_000000313105_00277_49429_4193.N1	13-AUG-2011 03:39:16	Tw_i_and_stray	31.000	162	34Alp Aqr	2.9440	5350.0	62	49429	No
51	GOM_TRA_1PNPDE20110813_034229_000000453105_00277_49429_4194.N1	13-AUG-2011 03:42:29	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	49429	No
52	GOM_TRA_1PNPDE20110813_034853_000000573105_00277_49429_4195.N1	13-AUG-2011 03:48:53	Bright	57.000	92	53Eps Cyg	2.5000	4500.0	114	49429	No
53	GOM_TRA_1PNPDE20110813_035026_000000423105_00277_49429_4196.N1	13-AUG-2011 03:50:26	Bright	41.500	66	37Gam Cyg	2.2080	5900.0	83	49429	No
54	GOM_TRA_1PNPDE20110813_035205_000000373105_00277_49429_4197.N1	13-AUG-2011 03:52:05	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	49429	No
55	GOM_TRA_1PNPDE20110813_035726_000000363105_00277_49429_4198.N1	13-AUG-2011 03:57:26	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	49429	No
56	GOM_TRA_1PNPDE20110813_040228_000000273105_00277_49429_4199.N1	13-AUG-2011 04:02:28	Tw_i_and_stray	26.500	74	11Bet Cas	2.2680	6600.0	53	49429	No
57	GOM_TRA_1PNPDE20110813_041652_000000453105_00277_49429_4210.N1	13-AUG-2011 04:16:52	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	49429	No
58	GOM_TRA_1PNPDE20110813_041941_000000403105_00277_49429_4211.N1	13-AUG-2011 04:19:41	Bright	40.000	107	37The Aur	2.6490	11000.	80	49429	No
59	GOM_TRA_1PNPDE20110813_042243_000000513105_00277_49429_4212.N1	13-AUG-2011 04:22:43	Tw_i_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	49429	No
60	GOM_TRA_1PNPDE20110813_042501_000000453105_00277_49429_4213.N1	13-AUG-2011 04:25:01	Tw_i_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	49429	No
61	GOM_TRA_1PNPDE20110813_042855_000000483105_00277_49429_4214.N1	13-AUG-2011 04:28:55	Dark	47.500	14	58Alp Ori	0.87000	3000.0	95	49429	No
62	GOM_TRA_1PNPDE20110813_043201_000000483105_00277_49429_4215.N1	13-AUG-2011 04:32:01	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	49429	No

63	GOM_TRA_1PNPDE20110813_043325_000000463105_00277_49429_4216.N1	13-AUG-2011 04:33:25	Dark	46.000	125	44Iot Ori	2.7700	30000.	92	49429	No
64	GOM_TRA_1PNPDE20110813_043454_000000553105_00277_49429_4217.N1	13-AUG-2011 04:34:54	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	49429	No
65	GOM_TRA_1PNPDE20110813_043649_000000453105_00277_49429_4218.N1	13-AUG-2011 04:36:49	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49429	No
66	GOM_TRA_1PNPDE20110813_045022_000000503105_00278_49430_4219.N1	13-AUG-2011 04:50:22	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49430	No
67	GOM_TRA_1PNPDE20110813_045442_000000453105_00278_49430_4220.N1	13-AUG-2011 04:54:42	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49430	No
68	GOM_TRA_1PNPDE20110813_050020_000000533105_00278_49430_4221.N1	13-AUG-2011 05:00:20	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49430	No
69	GOM_TRA_1PNPDE20110813_050408_000000433105_00278_49430_4222.N1	13-AUG-2011 05:04:08	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49430	No
70	GOM_TRA_1PNPDE20110813_050802_000000563105_00278_49430_4223.N1	13-AUG-2011 05:08:02	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	49430	No
71	GOM_TRA_1PNPDE20110813_051350_000000443105_00278_49430_4224.N1	13-AUG-2011 05:13:50	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	49430	No
72	GOM_TRA_1PNPDE20110813_051722_000000433105_00278_49430_4225.N1	13-AUG-2011 05:17:22	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49430	No
73	GOM_TRA_1PNPDE20110813_051930_000000383105_00278_49430_4226.N1	13-AUG-2011 05:19:30	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	49430	No
74	GOM_TRA_1PNPDE20110813_052243_000000463105_00278_49430_4227.N1	13-AUG-2011 05:22:43	Bright	45.500	61	8Eps Peg	2.1000	3900.0	91	49430	No
75	GOM_TRA_1PNPDE20110813_052907_000000573105_00278_49430_4228.N1	13-AUG-2011 05:29:07	Bright	57.000	92	53Eps Cyg	2.5000	4500.0	114	49430	No
76	GOM_TRA_1PNPDE20110813_053039_000000393105_00278_49430_4229.N1	13-AUG-2011 05:30:39	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49430	No
77	GOM_TRA_1PNPDE20110813_053219_000000403105_00278_49430_4230.N1	13-AUG-2011 05:32:19	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49430	No
78	GOM_TRA_1PNPDE20110813_053740_000000393105_00278_49430_4231.N1	13-AUG-2011 05:37:40	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49430	No
79	GOM_TRA_1PNPDE20110813_054241_000000293105_00278_49430_4232.N1	13-AUG-2011 05:42:41	Tw_i_and_stray	28.500	74	11Bet Cas	2.2680	6600.0	57	49430	No
80	GOM_TRA_1PNPDE20110813_055956_000000383105_00278_49430_4261.N1	13-AUG-2011 05:59:56	Bright	37.500	107	37The Aur	2.6490	11000.	75	49430	No
81	GOM_TRA_1PNPDE20110813_060257_000000523105_00278_49430_4262.N1	13-AUG-2011 06:02:57	Tw_i_and_stray	51.500	28	12Bet Tau	1.6500	15200.	103	49430	No
82	GOM_TRA_1PNPDE20110813_060515_000000463105_00278_49430_4263.N1	13-AUG-2011 06:05:15	Tw_i_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49430	No
83	GOM_TRA_1PNPDE20110813_060909_000000573105_00278_49430_4264.N1	13-AUG-2011 06:09:09	Dark	56.500	14	58Alp Ori	0.87000	3000.0	113	49430	No
84	GOM_TRA_1PNPDE20110813_061215_000000493105_00278_49430_4265.N1	13-AUG-2011 06:12:15	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49430	No
85	GOM_TRA_1PNPDE20110813_061339_000000473105_00278_49430_4266.N1	13-AUG-2011 06:13:39	Dark	46.500	125	44Iot Ori	2.7700	30000.	93	49430	No
86	GOM_TRA_1PNPDE20110813_061508_000000543105_00278_49430_4267.N1	13-AUG-2011 06:15:08	Dark	53.500	7	19Bet Ori	0.10000	14000.	107	49430	No
87	GOM_TRA_1PNPDE20110813_061704_000000473105_00278_49430_4268.N1	13-AUG-2011 06:17:04	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	49430	No
88	GOM_TRA_1PNPDE20110813_063037_000000503105_00279_49431_4269.N1	13-AUG-2011 06:30:37	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49431	No
89	GOM_TRA_1PNPDE20110813_063457_000000523105_00279_49431_4270.N1	13-AUG-2011 06:34:57	Dark	51.500	9	Alp Eri	0.45300	24000.	103	49431	No
90	GOM_TRA_1PNPDE20110813_064035_000000623105_00279_49431_4271.N1	13-AUG-2011 06:40:35	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	49431	No
91	GOM_TRA_1PNPDE20110813_064422_000000423105_00279_49431_4272.N1	13-AUG-2011 06:44:22	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49431	No
92	GOM_TRA_1PNPDE20110813_064816_000000543105_00279_49431_4273.N1	13-AUG-2011 06:48:16	Tw_i_and_stray	53.500	18	24Alp PsA	1.1660	9700.0	107	49431	No
93	GOM_TRA_1PNPDE20110813_065404_000000453105_00279_49431_4274.N1	13-AUG-2011 06:54:04	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	49431	No
94	GOM_TRA_1PNPDE20110813_065736_000000423105_00279_49431_4275.N1	13-AUG-2011 06:57:36	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	49431	No
95	GOM_TRA_1PNPDE20110813_065943_000000383105_00279_49431_4276.N1	13-AUG-2011 06:59:43	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	49431	No
96	GOM_TRA_1PNPDE20110813_070256_000000473105_00279_49431_4277.N1	13-AUG-2011 07:02:56	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49431	No
97	GOM_TRA_1PNPDE20110813_070921_000000413105_00279_49431_4278.N1	13-AUG-2011 07:09:21	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	49431	No
98	GOM_TRA_1PNPDE20110813_071053_000000373105_00279_49431_4279.N1	13-AUG-2011 07:10:53	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	49431	No
99	GOM_TRA_1PNPDE20110813_071232_000000373105_00279_49431_4280.N1	13-AUG-2011 07:12:32	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	49431	No
100	GOM_TRA_1PNPDE20110813_071754_000000403105_00279_49431_4281.N1	13-AUG-2011 07:17:54	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49431	No
101	GOM_TRA_1PNPDE20110813_072255_000000293105_00279_49431_4282.N1	13-AUG-2011 07:22:55	Tw_i_and_stray	28.500	74	11Bet Cas	2.2680	6600.0	57	49431	No
102	GOM_TRA_1PNPDK20110813_074010_000000403105_00279_49431_0057.N1	13-AUG-2011 07:40:10	Bright	39.500	107	37The Aur	2.6490	11000.	79	49431	No
103	GOM_TRA_1PNPDK20110813_074311_000000503105_00279_49431_0058.N1	13-AUG-2011 07:43:11	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49431	No
104	GOM_TRA_1PNPDK20110813_074530_000000453105_00279_49431_0059.N1	13-AUG-2011 07:45:30	Tw_i_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	49431	No
105	GOM_TRA_1PNPDK20110813_074923_000000593105_00279_49431_0060.N1	13-AUG-2011 07:49:23	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	49431	No
106	GOM_TRA_1PNPDK20110813_075230_000000503105_00279_49431_0061.N1	13-AUG-2011 07:52:30	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	49431	No
107	GOM_TRA_1PNPDK20110813_075354_000000463105_00279_49431_0062.N1	13-AUG-2011 07:53:54	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49431	No
108	GOM_TRA_1PNPDK20110813_075523_000000533105_00279_49431_0063.N1	13-AUG-2011 07:55:23	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49431	No
109	GOM_TRA_1PNPDK20110813_075718_000000473105_00279_49431_0064.N1	13-AUG-2011 07:57:18	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	49431	No
110	GOM_TRA_1PNPDK20110813_081052_000000493105_00280_49432_0065.N1	13-AUG-2011 08:10:52	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49432	No
111	GOM_TRA_1PNPDK20110813_081512_000000543105_00280_49432_0066.N1	13-AUG-2011 08:15:12	Dark	53.500	9	Alp Eri	0.45300	24000.	107	49432	No
112	GOM_TRA_1PNPDK20110813_082049_000000553105_00280_49432_0067.N1	13-AUG-2011 08:20:49	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49432	No
113	GOM_TRA_1PNPDK20110813_082437_000000443105_00280_49432_0068.N1	13-AUG-2011 08:24:37	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49432	No
114	GOM_TRA_1PNPDK20110813_082830_000000573105_00280_49432_0069.N1	13-AUG-2011 08:28:30	Tw_i_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	49432	No
115	GOM_TRA_1PNPDK20110813_083419_000000443105_00280_49432_0070.N1	13-AUG-2011 08:34:19	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49432	No
116	GOM_TRA_1PNPDK20110813_083750_000000443105_00280_49432_0107.N1	13-AUG-2011 08:37:50	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	49432	No
117	GOM_TRA_1PNPDK20110813_083957_000000453105_00280_49432_0108.N1	13-AUG-2011 08:39:57	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49432	No
118	GOM_TRA_1PNPDK20110813_084310_000000473105_00280_49432_0109.N1	13-AUG-2011 08:43:10	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	49432	No
119	GOM_TRA_1PNPDK20110813_084935_000000403105_00280_49432_0110.N1	13-AUG-2011 08:49:35	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	49432	No
120	GOM_TRA_1PNPDK20110813_085107_000000363105_00280_49432_0111.N1	13-AUG-2011 08:51:07	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	49432	No
121	GOM_TRA_1PNPDK20110813_085246_000000403105_00280_49432_0112.N1	13-AUG-2011 08:52:46	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49432	No

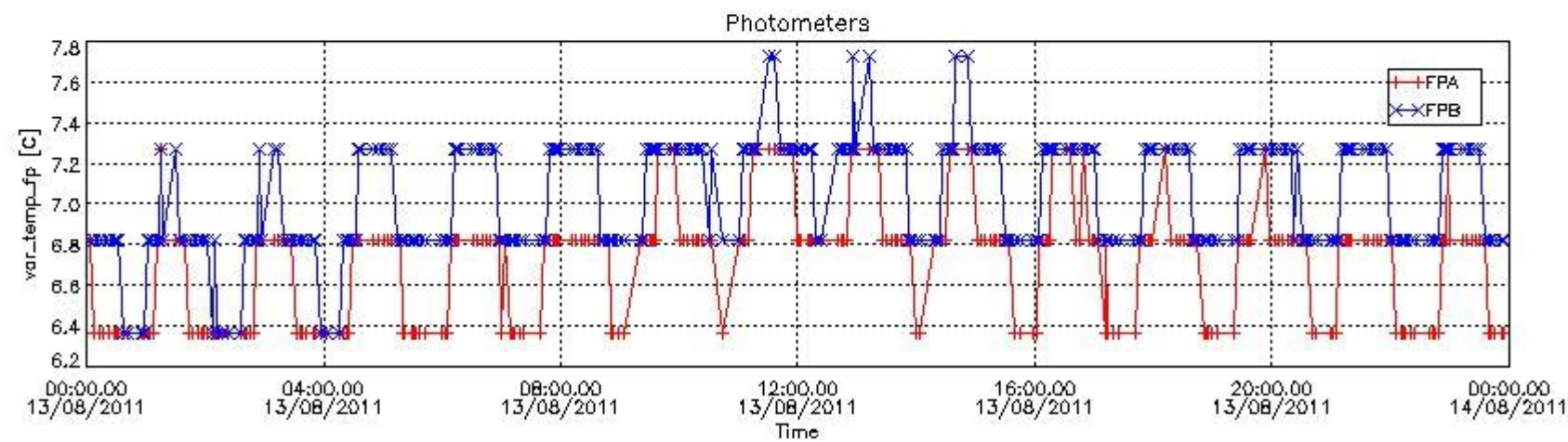
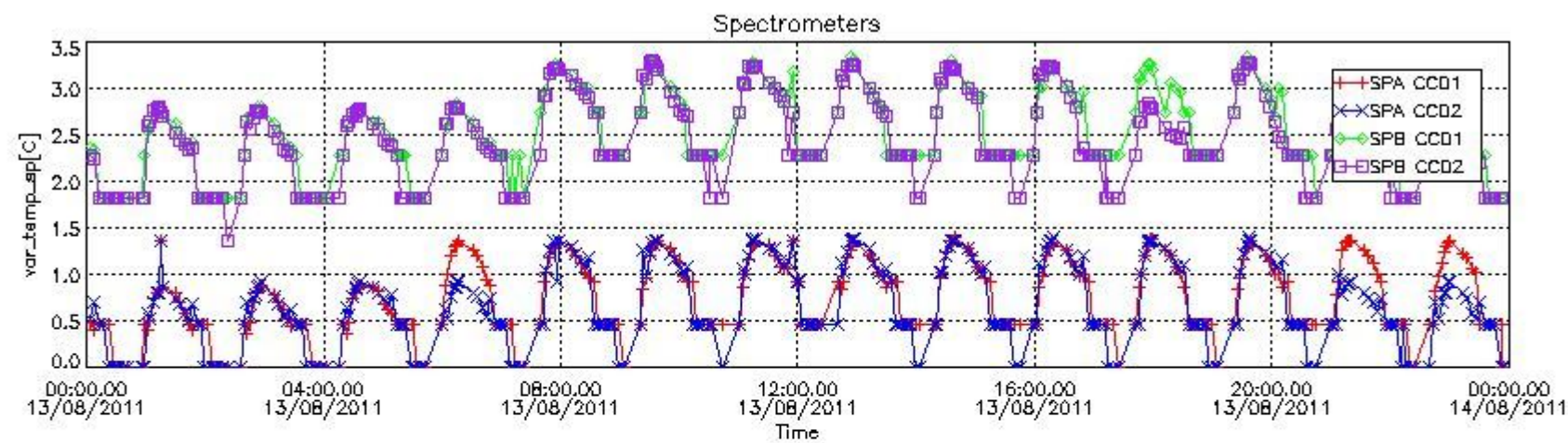
122	GOM_TRA_1PNPDK20110813_085808_000000393105_00280_49432_0113.N1	13-AUG-2011 08:58:08	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49432	No
123	GOM_TRA_1PNPDK20110813_090308_000000313105_00280_49432_0114.N1	13-AUG-2011 09:03:08	Twilight	31.000	74	11Bet Cas	2.2680	6600.0	62	49432	No
124	GOM_TRA_1PNPDK20110813_092024_000000433105_00280_49432_0115.N1	13-AUG-2011 09:20:24	Bright	43.000	107	37The Aur	2.6490	11000.	86	49432	No
125	GOM_TRA_1PNPDK20110813_092325_000000483105_00280_49432_0116.N1	13-AUG-2011 09:23:25	Twilight	48.000	28	12Bet Tau	1.6500	15200.	96	49432	No
126	GOM_TRA_1PNPDK20110813_092544_000000473105_00280_49432_0117.N1	13-AUG-2011 09:25:44	Twilight	46.500	176	23Zet Tau	3.0200	22000.	93	49432	No
127	GOM_TRA_1PNPDK20110813_092938_000000513105_00280_49432_0118.N1	13-AUG-2011 09:29:38	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	49432	No
128	GOM_TRA_1PNPDK20110813_093244_000000493105_00280_49432_0119.N1	13-AUG-2011 09:32:44	Dark	49.000	30	46Eps Ori	1.6940	30000.	98	49432	No
129	GOM_TRA_1PNPDK20110813_093408_000000463105_00280_49432_0120.N1	13-AUG-2011 09:34:08	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49432	No
130	GOM_TRA_1PNPDK20110813_093538_000000553105_00280_49432_0121.N1	13-AUG-2011 09:35:38	Dark	55.000	7	19Bet Ori	0.10000	14000.	110	49432	No
131	GOM_TRA_1PNPDK20110813_093733_000000453105_00280_49432_0122.N1	13-AUG-2011 09:37:33	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49432	No
132	GOM_TRA_1PNPDK20110813_095107_000000493105_00281_49433_0123.N1	13-AUG-2011 09:51:07	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49433	No
133	GOM_TRA_1PNPDK20110813_095526_000000483105_00281_49433_0124.N1	13-AUG-2011 09:55:26	Dark	48.000	9	Alp Eri	0.45300	24000.	96	49433	No
134	GOM_TRA_1PNPDK20110813_100104_000000533105_00281_49433_0125.N1	13-AUG-2011 10:01:04	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49433	No
135	GOM_TRA_1PNPDK20110813_100451_000000433105_00281_49433_0126.N1	13-AUG-2011 10:04:51	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49433	No
136	GOM_TRA_1PNPDK20110813_100845_000000553105_00281_49433_0127.N1	13-AUG-2011 10:08:45	Twilight	54.500	18	24Alp PsA	1.1660	9700.0	109	49433	No
137	GOM_TRA_1PNPDK20110813_101432_000000453105_00281_49433_0128.N1	13-AUG-2011 10:14:32	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49433	No
138	GOM_TRA_1PNPDK20110813_101804_000000433105_00281_49433_0146.N1	13-AUG-2011 10:18:04	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	49433	No
139	GOM_TRA_1PNPDK20110813_102011_000000453105_00281_49433_0147.N1	13-AUG-2011 10:20:11	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49433	No
140	GOM_TRA_1PNPDK20110813_102324_000000453105_00281_49433_0148.N1	13-AUG-2011 10:23:24	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	49433	No
141	GOM_TRA_1PNPDK20110813_102948_000000413105_00281_49433_0149.N1	13-AUG-2011 10:29:48	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49433	No
142	GOM_TRA_1PNPDK20110813_103121_000000363105_00281_49433_0150.N1	13-AUG-2011 10:31:21	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	49433	No
143	GOM_TRA_1PNPDK20110813_103300_000000393105_00281_49433_0151.N1	13-AUG-2011 10:33:00	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49433	No
144	GOM_TRA_1PNPDK20110813_104321_000000313105_00281_49433_0152.N1	13-AUG-2011 10:43:21	Twilight	31.000	74	11Bet Cas	2.2680	6600.0	62	49433	No
145	GOM_TRA_1PNPDK20110813_110038_000000393105_00281_49433_0153.N1	13-AUG-2011 11:00:38	Bright	39.000	107	37The Aur	2.6490	11000.	78	49433	No
146	GOM_TRA_1PNPDK20110813_110339_000000503105_00281_49433_0154.N1	13-AUG-2011 11:03:39	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	49433	No
147	GOM_TRA_1PNPDK20110813_110558_000000463105_00281_49433_0155.N1	13-AUG-2011 11:05:58	Twilight	46.000	176	23Zet Tau	3.0200	22000.	92	49433	No
148	GOM_TRA_1PNPDK20110813_110952_000000523105_00281_49433_0156.N1	13-AUG-2011 11:09:52	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	49433	No
149	GOM_TRA_1PNPDK20110813_111259_000000493105_00281_49433_0157.N1	13-AUG-2011 11:12:59	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49433	No
150	GOM_TRA_1PNPDK20110813_111423_000000443105_00281_49433_0158.N1	13-AUG-2011 11:14:23	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	49433	No
151	GOM_TRA_1PNPDK20110813_111552_000000553105_00281_49433_0159.N1	13-AUG-2011 11:15:52	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	49433	No
152	GOM_TRA_1PNPDK20110813_111748_000000473105_00281_49433_0160.N1	13-AUG-2011 11:17:48	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	49433	No
153	GOM_TRA_1PNPDK20110813_113122_000000503105_00282_49434_0161.N1	13-AUG-2011 11:31:22	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49434	No
154	GOM_TRA_1PNPDK20110813_113541_000000453105_00282_49434_0162.N1	13-AUG-2011 11:35:41	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49434	No
155	GOM_TRA_1PNPDK20110813_114119_000000553105_00282_49434_0163.N1	13-AUG-2011 11:41:19	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49434	No
156	GOM_TRA_1PNPDK20110813_114505_000000403105_00282_49434_0164.N1	13-AUG-2011 11:45:05	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	49434	No
157	GOM_TRA_1PNPDK20110813_114859_000000553105_00282_49434_0165.N1	13-AUG-2011 11:48:59	Twilight	54.500	18	24Alp PsA	1.1660	9700.0	109	49434	No
158	GOM_TRA_1PNPDK20110813_115446_000000453105_00282_49434_0183.N1	13-AUG-2011 11:54:46	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49434	Yes
159	GOM_TRA_1PNPDK20110813_115817_000000443105_00282_49434_0184.N1	13-AUG-2011 11:58:17	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	49434	No
160	GOM_TRA_1PNPDK20110813_120024_000000503105_00282_49434_0185.N1	13-AUG-2011 12:00:24	Bright	49.500	162	34Alp Aqr	2.9440	5350.0	99	49434	No
161	GOM_TRA_1PNPDK20110813_120337_000000473105_00282_49434_0186.N1	13-AUG-2011 12:03:37	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49434	No
162	GOM_TRA_1PNPDK20110813_121002_000000393105_00282_49434_0187.N1	13-AUG-2011 12:10:02	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49434	No
163	GOM_TRA_1PNPDK20110813_121135_000000373105_00282_49434_0188.N1	13-AUG-2011 12:11:35	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49434	No
164	GOM_TRA_1PNPDK20110813_121313_000000403105_00282_49434_0189.N1	13-AUG-2011 12:13:13	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49434	No
165	GOM_TRA_1PNPDK20110813_121835_000000403105_00282_49434_0190.N1	13-AUG-2011 12:18:35	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49434	No
166	GOM_TRA_1PNPDK20110813_122334_000000333105_00282_49434_0191.N1	13-AUG-2011 12:23:34	Twilight	33.000	74	11Bet Cas	2.2680	6600.0	66	49434	No
167	GOM_TRA_1PNPDK20110813_124052_000000393105_00282_49434_0192.N1	13-AUG-2011 12:40:52	Bright	39.000	107	37The Aur	2.6490	11000.	78	49434	No
168	GOM_TRA_1PNPDK20110813_124353_000000503105_00282_49434_0193.N1	13-AUG-2011 12:43:53	Twilight	49.500	28	12Bet Tau	1.6500	15200.	99	49434	No
169	GOM_TRA_1PNPDK20110813_124612_000000473105_00282_49434_0194.N1	13-AUG-2011 12:46:12	Twilight	47.000	176	23Zet Tau	3.0200	22000.	94	49434	No
170	GOM_TRA_1PNPDK20110813_125006_000000593105_00282_49434_0195.N1	13-AUG-2011 12:50:06	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	49434	No
171	GOM_TRA_1PNPDK20110813_125313_000000473105_00282_49434_0196.N1	13-AUG-2011 12:53:13	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49434	No
172	GOM_TRA_1PNPDK20110813_125437_000000463105_00282_49434_0197.N1	13-AUG-2011 12:54:37	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49434	No
173	GOM_TRA_1PNPDK20110813_125607_000000553105_00282_49434_0198.N1	13-AUG-2011 12:56:07	Dark	55.000	7	19Bet Ori	0.10000	14000.	110	49434	No
174	GOM_TRA_1PNPDK20110813_125802_000000463105_00282_49434_0199.N1	13-AUG-2011 12:58:02	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49434	No
175	GOM_TRA_1PNPDK20110813_131137_000000503105_00283_49435_0200.N1	13-AUG-2011 13:11:37	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49435	No
176	GOM_TRA_1PNPDK20110813_131555_000000503105_00283_49435_0201.N1	13-AUG-2011 13:15:55	Dark	49.500	9	Alp Eri	0.45300	24000.	99	49435	No
177	GOM_TRA_1PNPDK20110813_132134_000000613105_00283_49435_0202.N1	13-AUG-2011 13:21:34	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	49435	No
178	GOM_TRA_1PNPDK20110813_132520_000000423105_00283_49435_0203.N1	13-AUG-2011 13:25:20	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49435	No
179	GOM_TRA_1PNPDK20110813_132914_000000563105_00283_49435_0204.N1	13-AUG-2011 13:29:14	Twilight	56.000	18	24Alp PsA	1.1660	9700.0	112	49435	No
180	GOM_TRA_1PNPDK20110813_133501_000000443105_00283_49435_0216.N1	13-AUG-2011 13:35:01	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	49435	No

181	GOM_TRA_1PNPDK20110813_133831_000000433105_00283_49435_0217.N1	13-AUG-2011 13:38:31	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49435	No
182	GOM_TRA_1PNPDK20110813_134038_000000503105_00283_49435_0218.N1	13-AUG-2011 13:40:38	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	49435	No
183	GOM_TRA_1PNPDK20110813_134351_000000493105_00283_49435_0219.N1	13-AUG-2011 13:43:51	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	49435	No
184	GOM_TRA_1PNPDK20110813_135016_000000393105_00283_49435_0220.N1	13-AUG-2011 13:50:16	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49435	No
185	GOM_TRA_1PNPDK20110813_135149_000000393105_00283_49435_0221.N1	13-AUG-2011 13:51:49	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49435	No
186	GOM_TRA_1PNPDK20110813_135327_000000403105_00283_49435_0222.N1	13-AUG-2011 13:53:27	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49435	No
187	GOM_TRA_1PNPDK20110813_135849_000000363105_00283_49435_0223.N1	13-AUG-2011 13:58:49	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	49435	No
188	GOM_TRA_1PNPDK20110813_140347_000000333105_00283_49435_0224.N1	13-AUG-2011 14:03:47	Tw_i_and_stray	33.000	74	11Bet Cas	2.2680	6600.0	66	49435	No
189	GOM_TRA_1PNPDK20110813_141816_000000493105_00283_49435_0225.N1	13-AUG-2011 14:18:16	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	49435	No
190	GOM_TRA_1PNPDK20110813_142106_000000573105_00283_49435_0226.N1	13-AUG-2011 14:21:06	Bright	57.000	107	37The Aur	2.6490	11000.	114	49435	No
191	GOM_TRA_1PNPDK20110813_142408_000000523105_00283_49435_0227.N1	13-AUG-2011 14:24:08	Tw_i_and_stray	52.000	28	12Bet Tau	1.6500	15200.	104	49435	No
192	GOM_TRA_1PNPDK20110813_142627_000000483105_00283_49435_0228.N1	13-AUG-2011 14:26:27	Tw_i_and_stray	47.500	176	23Zet Tau	3.0200	22000.	95	49435	No
193	GOM_TRA_1PNPDK20110813_143021_000000593105_00283_49435_0229.N1	13-AUG-2011 14:30:21	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	49435	No
194	GOM_TRA_1PNPDK20110813_143328_000000493105_00283_49435_0230.N1	13-AUG-2011 14:33:28	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49435	No
195	GOM_TRA_1PNPDK20110813_143452_000000463105_00283_49435_0231.N1	13-AUG-2011 14:34:52	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49435	No
196	GOM_TRA_1PNPDK20110813_143622_000000593105_00283_49435_0232.N1	13-AUG-2011 14:36:22	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	49435	No
197	GOM_TRA_1PNPDK20110813_143817_000000443105_00283_49435_0233.N1	13-AUG-2011 14:38:17	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	49435	No
198	GOM_TRA_1PNPDK20110813_145152_000000523105_00284_49436_0234.N1	13-AUG-2011 14:51:52	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49436	No
199	GOM_TRA_1PNPDK20110813_145610_000000473105_00284_49436_0235.N1	13-AUG-2011 14:56:10	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49436	No
200	GOM_TRA_1PNPDK20110813_150149_000000553105_00284_49436_0236.N1	13-AUG-2011 15:01:49	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49436	No
201	GOM_TRA_1PNPDK20110813_150534_000000403105_00284_49436_0237.N1	13-AUG-2011 15:05:34	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	49436	No
202	GOM_TRA_1PNPDK20110813_150928_000000563105_00284_49436_0238.N1	13-AUG-2011 15:09:28	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	49436	No
203	GOM_TRA_1PNPDK20110813_151515_000000463105_00284_49436_0248.N1	13-AUG-2011 15:15:15	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49436	No
204	GOM_TRA_1PNPDK20110813_151845_000000433105_00284_49436_0249.N1	13-AUG-2011 15:18:45	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49436	No
205	GOM_TRA_1PNPDK20110813_152052_000000513105_00284_49436_0250.N1	13-AUG-2011 15:20:52	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	49436	No
206	GOM_TRA_1PNPDK20110813_152404_000000473105_00284_49436_0251.N1	13-AUG-2011 15:24:04	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	49436	No
207	GOM_TRA_1PNPDK20110813_153029_000000403105_00284_49436_0252.N1	13-AUG-2011 15:30:29	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49436	No
208	GOM_TRA_1PNPDK20110813_153203_000000363105_00284_49436_0253.N1	13-AUG-2011 15:32:03	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	49436	No
209	GOM_TRA_1PNPDK20110813_153341_000000383105_00284_49436_0254.N1	13-AUG-2011 15:33:41	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	49436	No
210	GOM_TRA_1PNPDK20110813_153902_000000393105_00284_49436_0255.N1	13-AUG-2011 15:39:02	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49436	No
211	GOM_TRA_1PNPDK20110813_154400_000000353105_00284_49436_0256.N1	13-AUG-2011 15:44:00	Tw_i_and_stray	35.000	74	11Bet Cas	2.2680	6600.0	70	49436	No
212	GOM_TRA_1PNPDK20110813_155830_000000493105_00284_49436_0257.N1	13-AUG-2011 15:58:30	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	49436	No
213	GOM_TRA_1PNPDK20110813_160120_000000383105_00284_49436_0258.N1	13-AUG-2011 16:01:20	Bright	37.500	107	37The Aur	2.6490	11000.	75	49436	No
214	GOM_TRA_1PNPDK20110813_160422_000000513105_00284_49436_0259.N1	13-AUG-2011 16:04:22	Tw_i_and_stray	51.000	28	12Bet Tau	1.6500	15200.	102	49436	No
215	GOM_TRA_1PNPDK20110813_160641_000000473105_00284_49436_0260.N1	13-AUG-2011 16:06:41	Tw_i_and_stray	46.500	176	23Zet Tau	3.0200	22000.	93	49436	No
216	GOM_TRA_1PNPDK20110813_161035_000000593105_00284_49436_0261.N1	13-AUG-2011 16:10:35	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	49436	No
217	GOM_TRA_1PNPDK20110813_161342_000000493105_00284_49436_0262.N1	13-AUG-2011 16:13:42	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49436	No
218	GOM_TRA_1PNPDK20110813_161507_000000443105_00284_49436_0263.N1	13-AUG-2011 16:15:07	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	49436	No
219	GOM_TRA_1PNPDK20110813_161637_000000523105_00284_49436_0264.N1	13-AUG-2011 16:16:37	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	49436	No
220	GOM_TRA_1PNPDK20110813_161831_000000453105_00284_49436_0265.N1	13-AUG-2011 16:18:31	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49436	No
221	GOM_TRA_1PNPDK20110813_163208_000000503105_00285_49437_0266.N1	13-AUG-2011 16:32:08	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49437	No
222	GOM_TRA_1PNPDK20110813_163625_000000463105_00285_49437_0267.N1	13-AUG-2011 16:36:25	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49437	No
223	GOM_TRA_1PNPDK20110813_164204_000000603105_00285_49437_0268.N1	13-AUG-2011 16:42:04	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	49437	No
224	GOM_TRA_1PNPDK20110813_164549_000000413105_00285_49437_0269.N1	13-AUG-2011 16:45:49	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	49437	No
225	GOM_TRA_1PNPDK20110813_164943_000000583105_00285_49437_0273.N1	13-AUG-2011 16:49:43	Tw_i_and_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	49437	Yes
226	GOM_TRA_1PNPDK20110813_165529_000000443105_00285_49437_0274.N1	13-AUG-2011 16:55:29	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	49437	No
227	GOM_TRA_1PNPDK20110813_165859_000000433105_00285_49437_0275.N1	13-AUG-2011 16:58:59	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49437	No
228	GOM_TRA_1PNPDK20110813_170105_000000513105_00285_49437_0276.N1	13-AUG-2011 17:01:05	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	49437	No
229	GOM_TRA_1PNPDK20110813_170418_000000473105_00285_49437_0277.N1	13-AUG-2011 17:04:18	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	49437	No
230	GOM_TRA_1PNPDK20110813_171043_000000403105_00285_49437_0278.N1	13-AUG-2011 17:10:43	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49437	No
231	GOM_TRA_1PNPDK20110813_171216_000000383105_00285_49437_0279.N1	13-AUG-2011 17:12:16	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49437	No
232	GOM_TRA_1PNPDK20110813_171355_000000403105_00285_49437_0280.N1	13-AUG-2011 17:13:55	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49437	No
233	GOM_TRA_1PNPDK20110813_171916_000000393105_00285_49437_0281.N1	13-AUG-2011 17:19:16	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49437	No
234	GOM_TRA_1PNPDK20110813_172414_000000353105_00285_49437_0282.N1	13-AUG-2011 17:24:14	Tw_i_and_stray	35.000	74	11Bet Cas	2.2680	6600.0	70	49437	No
235	GOM_TRA_1PNPDK20110813_174134_000000573105_00285_49437_0283.N1	13-AUG-2011 17:41:34	Bright	57.000	107	37The Aur	2.6490	11000.	114	49437	No
236	GOM_TRA_1PNPDK20110813_174436_000000493105_00285_49437_0284.N1	13-AUG-2011 17:44:36	Tw_i_and_stray	48.500	28	12Bet Tau	1.6500	15200.	97	49437	No
237	GOM_TRA_1PNPDK20110813_174655_000000453105_00285_49437_0285.N1	13-AUG-2011 17:46:55	Tw_i_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	49437	No
238	GOM_TRA_1PNPDK20110813_175050_000000493105_00285_49437_0286.N1	13-AUG-2011 17:50:50	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	49437	No
239	GOM_TRA_1PNPDK20110813_175357_000000483105_00285_49437_0287.N1	13-AUG-2011 17:53:57	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	49437	No

240	GOM_TRA_1PNPDK20110813_175521_000000443105_00285_49437_0288.N1	13-AUG-2011 17:55:21	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	49437	No
241	GOM_TRA_1PNPDK20110813_175651_000000553105_00285_49437_0289.N1	13-AUG-2011 17:56:51	Dark	55.000	7	19Bet Ori	0.10000	14000.	110	49437	No
242	GOM_TRA_1PNPDK20110813_175846_000000483105_00285_49437_0290.N1	13-AUG-2011 17:58:46	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	49437	No
243	GOM_TRA_1PNPDK20110813_181223_000000503105_00286_49438_0291.N1	13-AUG-2011 18:12:23	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49438	No
244	GOM_TRA_1PNPDK20110813_181640_000000473105_00286_49438_0292.N1	13-AUG-2011 18:16:40	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49438	No
245	GOM_TRA_1PNPDK20110813_182218_000000523105_00286_49438_0293.N1	13-AUG-2011 18:22:18	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	49438	No
246	GOM_TRA_1PNPDK20110813_182603_000000403105_00286_49438_0294.N1	13-AUG-2011 18:26:03	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	49438	No
247	GOM_TRA_1PNPDK20110813_182957_000000563105_00286_49438_0345.N1	13-AUG-2011 18:29:57	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	49438	No
248	GOM_TRA_1PNPDK20110813_183543_000000433105_00286_49438_0346.N1	13-AUG-2011 18:35:43	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49438	No
249	GOM_TRA_1PNPDK20110813_183913_000000433105_00286_49438_0347.N1	13-AUG-2011 18:39:13	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49438	No
250	GOM_TRA_1PNPDK20110813_184119_000000503105_00286_49438_0348.N1	13-AUG-2011 18:41:19	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	49438	No
251	GOM_TRA_1PNPDK20110813_184432_000000473105_00286_49438_0349.N1	13-AUG-2011 18:44:32	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49438	No
252	GOM_TRA_1PNPDK20110813_185057_000000393105_00286_49438_0350.N1	13-AUG-2011 18:50:57	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49438	No
253	GOM_TRA_1PNPDK20110813_185230_000000393105_00286_49438_0351.N1	13-AUG-2011 18:52:30	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49438	No
254	GOM_TRA_1PNPDK20110813_185408_000000393105_00286_49438_0352.N1	13-AUG-2011 18:54:08	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49438	No
255	GOM_TRA_1PNPDK20110813_185930_000000403105_00286_49438_0353.N1	13-AUG-2011 18:59:30	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49438	No
256	GOM_TRA_1PNPDK20110813_190427_000000373105_00286_49438_0354.N1	13-AUG-2011 19:04:27	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	49438	No
257	GOM_TRA_1PNPDK20110813_192148_000000383105_00286_49438_0355.N1	13-AUG-2011 19:21:48	Bright	37.500	107	37The Aur	2.6490	11000.	75	49438	No
258	GOM_TRA_1PNPDK20110813_192450_000000503105_00286_49438_0356.N1	13-AUG-2011 19:24:50	Tw_i_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	49438	No
259	GOM_TRA_1PNPDK20110813_192709_000000443105_00286_49438_0357.N1	13-AUG-2011 19:27:09	Tw_i_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	49438	No
260	GOM_TRA_1PNPDK20110813_193104_000000513105_00286_49438_0358.N1	13-AUG-2011 19:31:04	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	49438	No
261	GOM_TRA_1PNPDK20110813_193411_000000493105_00286_49438_0359.N1	13-AUG-2011 19:34:11	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49438	No
262	GOM_TRA_1PNPDK20110813_193536_000000463105_00286_49438_0360.N1	13-AUG-2011 19:35:36	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49438	No
263	GOM_TRA_1PNPDK20110813_193706_000000553105_00286_49438_0361.N1	13-AUG-2011 19:37:06	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	49438	No
264	GOM_TRA_1PNPDK20110813_193901_000000443105_00286_49438_0362.N1	13-AUG-2011 19:39:01	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49438	No
265	GOM_TRA_1PNPDK20110813_195238_000000503105_00287_49439_0363.N1	13-AUG-2011 19:52:38	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49439	No
266	GOM_TRA_1PNPDK20110813_195654_000000433105_00287_49439_0364.N1	13-AUG-2011 19:56:54	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49439	No
267	GOM_TRA_1PNPDK20110813_200233_000000623105_00287_49439_0365.N1	13-AUG-2011 20:02:33	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	49439	No
268	GOM_TRA_1PNPDE20110813_200617_000000403105_00287_49439_4461.N1	13-AUG-2011 20:06:17	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	49439	No
269	GOM_TRA_1PNPDE20110813_201011_000000583105_00287_49439_4462.N1	13-AUG-2011 20:10:11	Tw_i_and_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	49439	No
270	GOM_TRA_1PNPDE20110813_201557_000000513105_00287_49439_4463.N1	13-AUG-2011 20:15:57	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49439	No
271	GOM_TRA_1PNPDE20110813_201927_000000433105_00287_49439_4464.N1	13-AUG-2011 20:19:27	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49439	No
272	GOM_TRA_1PNPDE20110813_202133_000000493105_00287_49439_4465.N1	13-AUG-2011 20:21:33	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	49439	No
273	GOM_TRA_1PNPDE20110813_202445_000000463105_00287_49439_4466.N1	13-AUG-2011 20:24:45	Bright	46.000	61	8Eps Peg	2.1000	3900.0	92	49439	No
274	GOM_TRA_1PNPDE20110813_203111_000000413105_00287_49439_4467.N1	13-AUG-2011 20:31:11	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	49439	No
275	GOM_TRA_1PNPDE20110813_203244_000000373105_00287_49439_4468.N1	13-AUG-2011 20:32:44	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	49439	No
276	GOM_TRA_1PNPDE20110813_203422_000000563105_00287_49439_4469.N1	13-AUG-2011 20:34:22	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	49439	No
277	GOM_TRA_1PNPDE20110813_203943_000000403105_00287_49439_4470.N1	13-AUG-2011 20:39:43	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49439	No
278	GOM_TRA_1PNPDE20110813_204440_000000373105_00287_49439_4471.N1	13-AUG-2011 20:44:40	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	49439	No
279	GOM_TRA_1PNPDE20110813_205912_000000483105_00287_49439_4472.N1	13-AUG-2011 20:59:12	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	49439	No
280	GOM_TRA_1PNPDE20110813_210202_000000383105_00287_49439_4473.N1	13-AUG-2011 21:02:02	Bright	38.000	107	37The Aur	2.6490	11000.	76	49439	No
281	GOM_TRA_1PNPDE20110813_210504_000000503105_00287_49439_4474.N1	13-AUG-2011 21:05:04	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49439	No
282	GOM_TRA_1PNPDE20110813_210724_000000463105_00287_49439_4475.N1	13-AUG-2011 21:07:24	Tw_i_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49439	No
283	GOM_TRA_1PNPDE20110813_211118_000000533105_00287_49439_4483.N1	13-AUG-2011 21:11:18	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	49439	No
284	GOM_TRA_1PNPDE20110813_211426_000000493105_00287_49439_4484.N1	13-AUG-2011 21:14:26	Dark	49.000	30	46Eps Ori	1.6940	30000.	98	49439	No
285	GOM_TRA_1PNPDE20110813_211550_000000473105_00287_49439_4485.N1	13-AUG-2011 21:15:50	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	49439	No
286	GOM_TRA_1PNPDE20110813_211721_000000523105_00287_49439_4486.N1	13-AUG-2011 21:17:21	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	49439	No
287	GOM_TRA_1PNPDE20110813_211915_000000463105_00287_49439_4487.N1	13-AUG-2011 21:19:15	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49439	No
288	GOM_TRA_1PNPDE20110813_213253_000000513105_00288_49440_4488.N1	13-AUG-2011 21:32:53	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49440	No
289	GOM_TRA_1PNPDE20110813_213709_000000433105_00288_49440_4489.N1	13-AUG-2011 21:37:09	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49440	No
290	GOM_TRA_1PNPDE20110813_214248_000000533105_00288_49440_4490.N1	13-AUG-2011 21:42:48	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49440	No
291	GOM_TRA_1PNPDE20110813_214631_000000433105_00288_49440_4491.N1	13-AUG-2011 21:46:31	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49440	No
292	GOM_TRA_1PNPDE20110813_215026_000000583105_00288_49440_4492.N1	13-AUG-2011 21:50:26	Tw_i_and_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	49440	No
293	GOM_TRA_1PNPDE20110813_215611_000000463105_00288_49440_4493.N1	13-AUG-2011 21:56:11	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49440	No
294	GOM_TRA_1PNPDE20110813_215941_000000443105_00288_49440_4494.N1	13-AUG-2011 21:59:41	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	49440	No
295	GOM_TRA_1PNPDE20110813_220147_000000503105_00288_49440_4495.N1	13-AUG-2011 22:01:47	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	49440	No
296	GOM_TRA_1PNPDE20110813_220459_000000473105_00288_49440_4496.N1	13-AUG-2011 22:04:59	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49440	No
297	GOM_TRA_1PNPDE20110813_221125_000000383105_00288_49440_4497.N1	13-AUG-2011 22:11:25	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49440	No
298	GOM_TRA_1PNPDE20110813_221258_000000363105_00288_49440_4498.N1	13-AUG-2011 22:12:58	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	49440	No

299	GOM_TRA_1PNPDE20110813_221436_000000383105_00288_49440_4499.N1	13-AUG-2011 22:14:36	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	49440	No
300	GOM_TRA_1PNPDE20110813_221957_000000373105_00288_49440_4500.N1	13-AUG-2011 22:19:57	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	49440	No
301	GOM_TRA_1PNPDE20110813_222453_000000383105_00288_49440_4501.N1	13-AUG-2011 22:24:53	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	49440	No
302	GOM_TRA_1PNPDE20110813_223925_000000513105_00288_49440_4502.N1	13-AUG-2011 22:39:25	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	49440	No
303	GOM_TRA_1PNPDE20110813_224216_000000483105_00288_49440_4503.N1	13-AUG-2011 22:42:16	Bright	48.000	107	37The Aur	2.6490	11000.	96	49440	No
304	GOM_TRA_1PNPDE20110813_224519_000000493105_00288_49440_4504.N1	13-AUG-2011 22:45:19	Twilight	48.500	28	12Bet Tau	1.6500	15200.	97	49440	No
305	GOM_TRA_1PNPDE20110813_224807_000000433105_00288_49440_4505.N1	13-AUG-2011 22:48:07	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	49440	No
306	GOM_TRA_1PNPDE20110813_225133_000000553105_00288_49440_4506.N1	13-AUG-2011 22:51:33	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	49440	No
307	GOM_TRA_1PNPDE20110813_225440_000000483105_00288_49440_4507.N1	13-AUG-2011 22:54:40	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	49440	No
308	GOM_TRA_1PNPDE20110813_225605_000000463105_00288_49440_4508.N1	13-AUG-2011 22:56:05	Dark	46.000	125	44Iot Ori	2.7700	30000.	92	49440	No
309	GOM_TRA_1PNPDE20110813_225735_000000573105_00288_49440_4502.N1	13-AUG-2011 22:57:35	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	49440	Yes
310	GOM_TRA_1PNPDE20110813_225930_000000463105_00288_49440_4503.N1	13-AUG-2011 22:59:30	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49440	No
311	GOM_TRA_1PNPDE20110813_231308_000000523105_00289_49441_4504.N1	13-AUG-2011 23:13:08	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49441	No
312	GOM_TRA_1PNPDE20110813_231723_000000483105_00289_49441_4505.N1	13-AUG-2011 23:17:23	Dark	48.000	9	Alp Eri	0.45300	24000.	96	49441	No
313	GOM_TRA_1PNPDE20110813_232303_000000523105_00289_49441_4506.N1	13-AUG-2011 23:23:03	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49441	No
314	GOM_TRA_1PNPDE20110813_232646_000000423105_00289_49441_4507.N1	13-AUG-2011 23:26:46	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49441	No
315	GOM_TRA_1PNPDE20110813_233040_000000583105_00289_49441_4508.N1	13-AUG-2011 23:30:40	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	49441	No
316	GOM_TRA_1PNPDE20110813_233625_000000453105_00289_49441_4509.N1	13-AUG-2011 23:36:25	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49441	No
317	GOM_TRA_1PNPDE20110813_233955_000000443105_00289_49441_4510.N1	13-AUG-2011 23:39:55	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	49441	No
318	GOM_TRA_1PNPDE20110813_234200_000000513105_00289_49441_4511.N1	13-AUG-2011 23:42:00	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	49441	No
319	GOM_TRA_1PNPDE20110813_234512_000000483105_00289_49441_4512.N1	13-AUG-2011 23:45:12	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	49441	No
320	GOM_TRA_1PNPDE20110813_235138_000000413105_00289_49441_4513.N1	13-AUG-2011 23:51:38	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	49441	No
321	GOM_TRA_1PNPDE20110813_235311_000000393105_00289_49441_4514.N1	13-AUG-2011 23:53:11	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49441	No
322	GOM_TRA_1PNPDE20110813_235450_000000403105_00289_49441_4515.N1	13-AUG-2011 23:54:50	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49441	No

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



4. Overview of dark signal processing per product

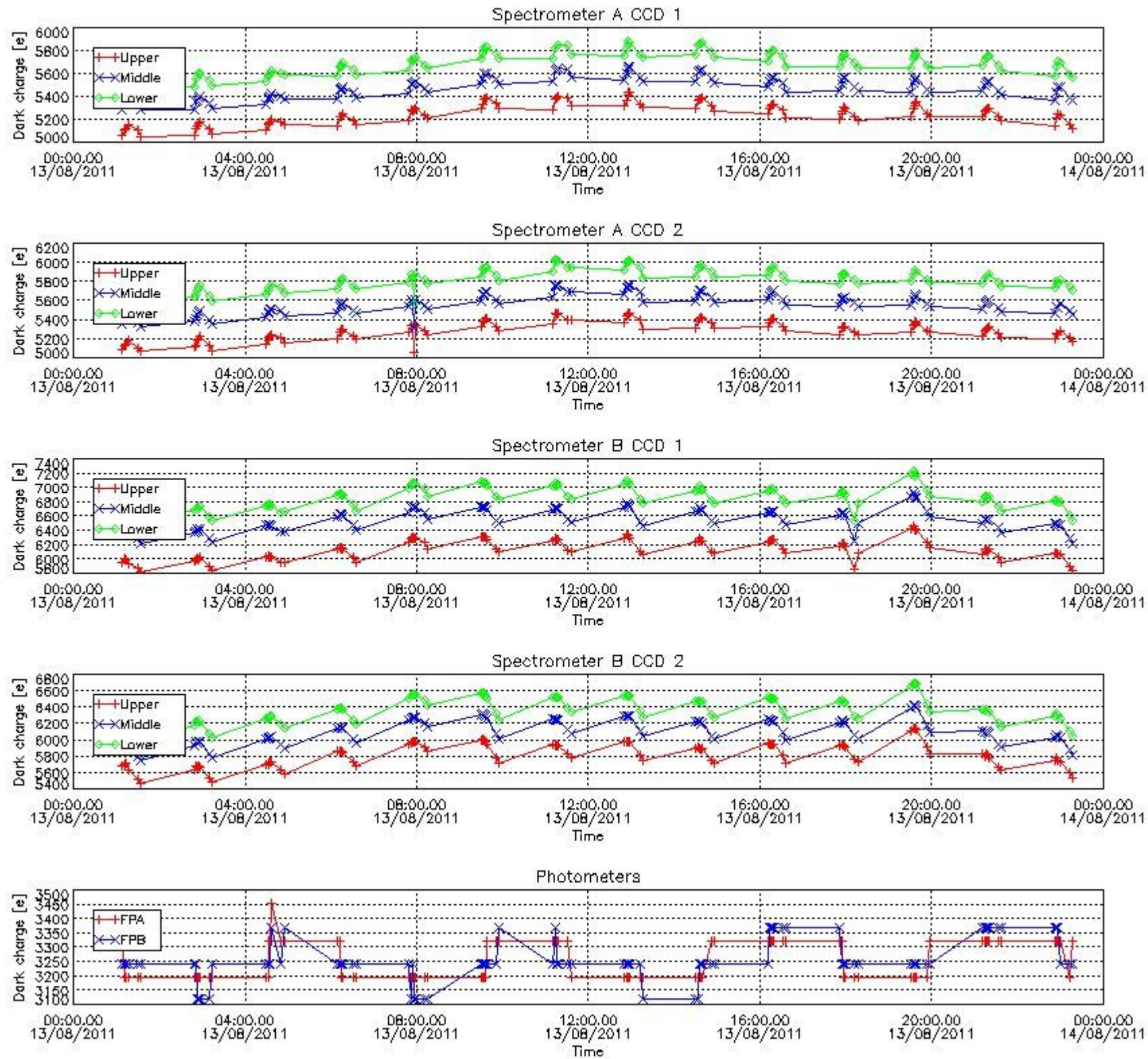
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20110813_200617_000000403105_00287_49439_4461.N1	DC map used
GOM_TRA_1PNPDE20110813_201011_000000583105_00287_49439_4462.N1	DC map used
GOM_TRA_1PNPDE20110813_201557_000000513105_00287_49439_4463.N1	DC map used
GOM_TRA_1PNPDE20110813_201927_000000433105_00287_49439_4464.N1	DC map used
GOM_TRA_1PNPDE20110813_202133_000000493105_00287_49439_4465.N1	DC map used
GOM_TRA_1PNPDE20110813_202445_000000463105_00287_49439_4466.N1	DC map used
GOM_TRA_1PNPDE20110813_203111_000000413105_00287_49439_4467.N1	DC map used
GOM_TRA_1PNPDE20110813_203244_000000373105_00287_49439_4468.N1	DC map used
GOM_TRA_1PNPDE20110813_203422_000000563105_00287_49439_4469.N1	DC map used
GOM_TRA_1PNPDE20110813_203943_000000403105_00287_49439_4470.N1	DC map used
GOM_TRA_1PNPDE20110813_204440_000000373105_00287_49439_4471.N1	DC map used
GOM_TRA_1PNPDE20110813_205912_000000483105_00287_49439_4472.N1	DC map used
GOM_TRA_1PNPDE20110813_210202_000000383105_00287_49439_4473.N1	DC map used
GOM_TRA_1PNPDE20110813_210504_000000503105_00287_49439_4474.N1	DC map used
GOM_TRA_1PNPDE20110813_210724_000000463105_00287_49439_4475.N1	DC map used

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



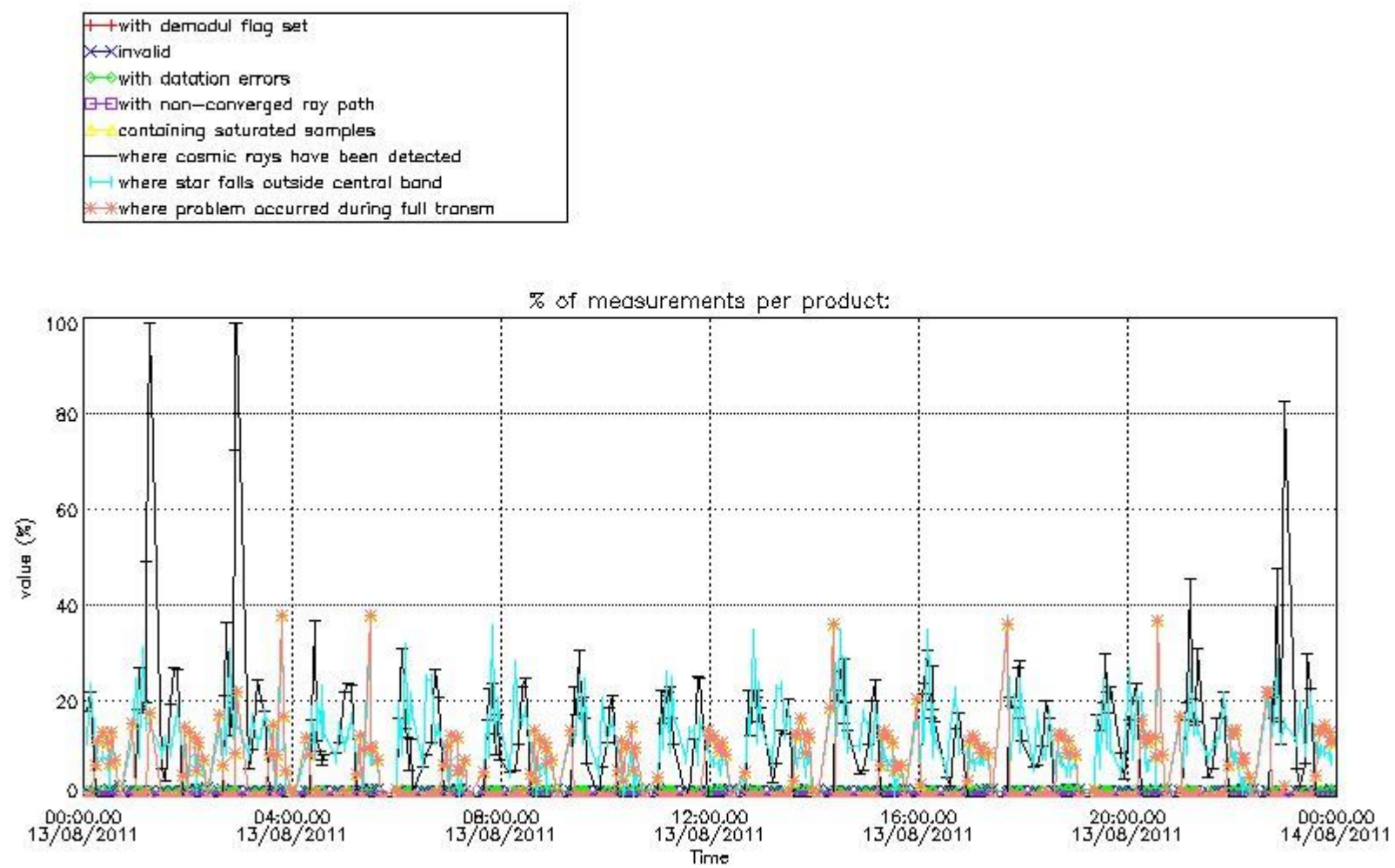
5. Demodulation flag and quality information monitoring

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.

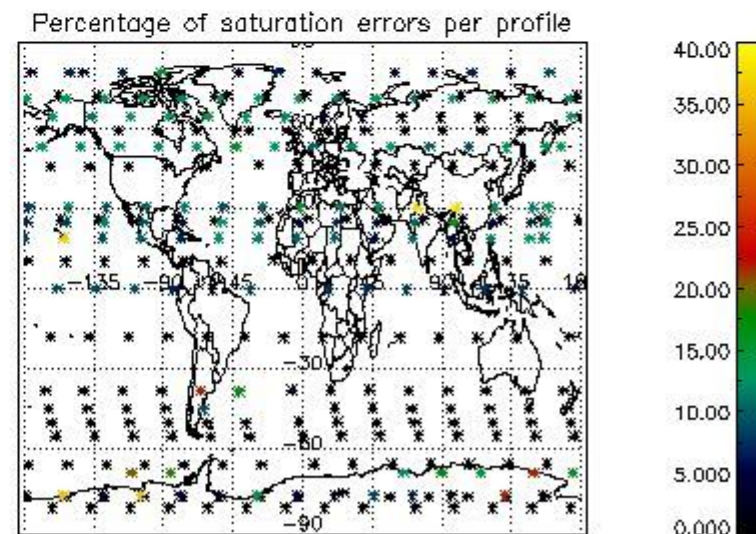
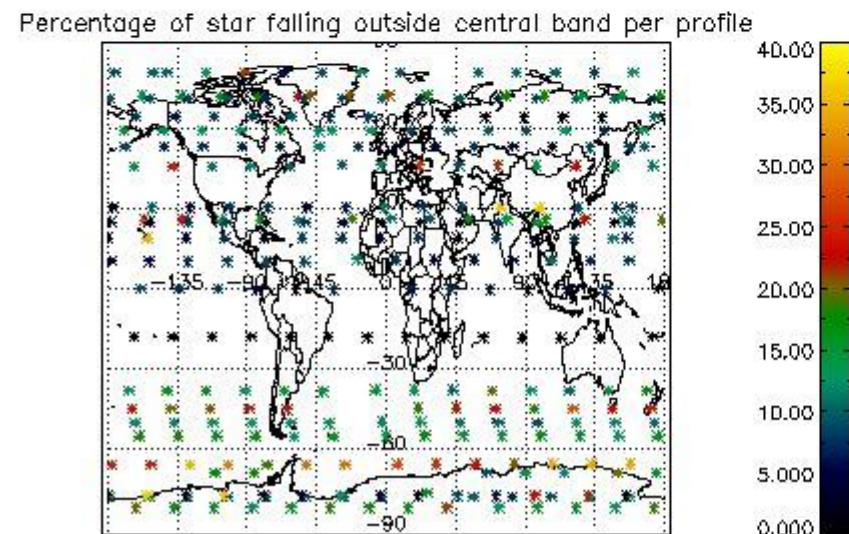
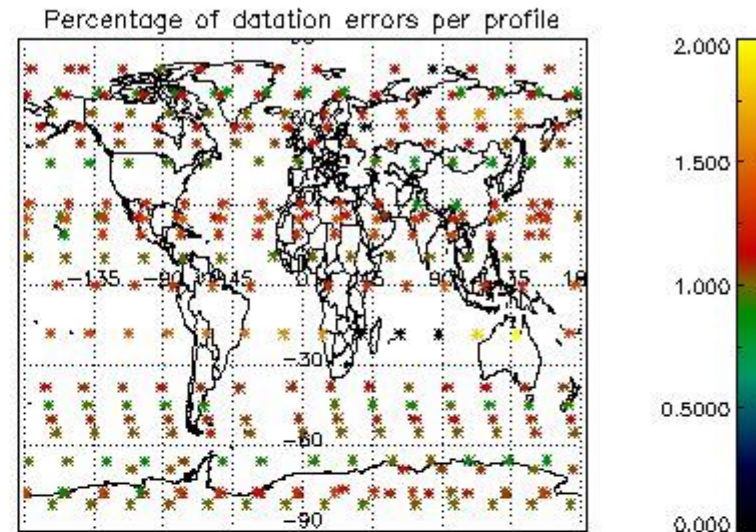
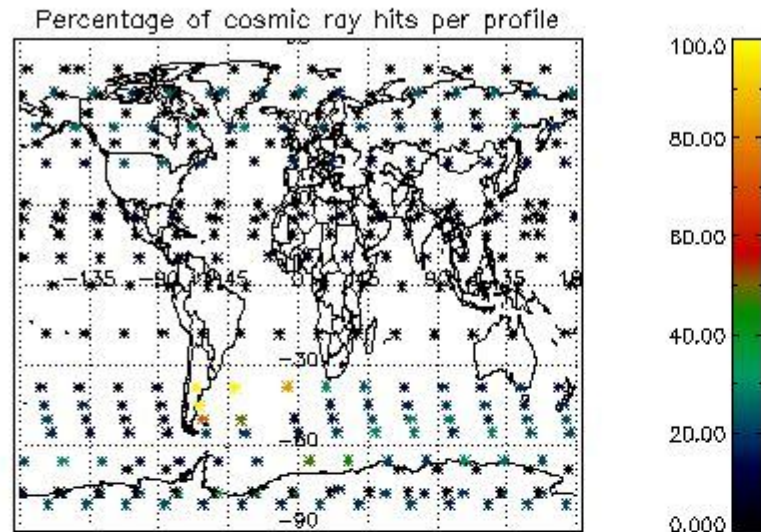
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	51.2579 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	43.3962 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



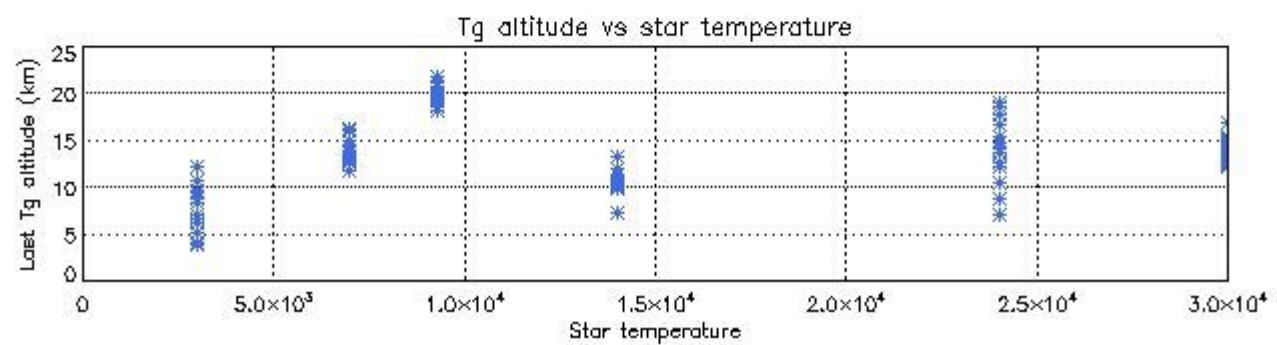
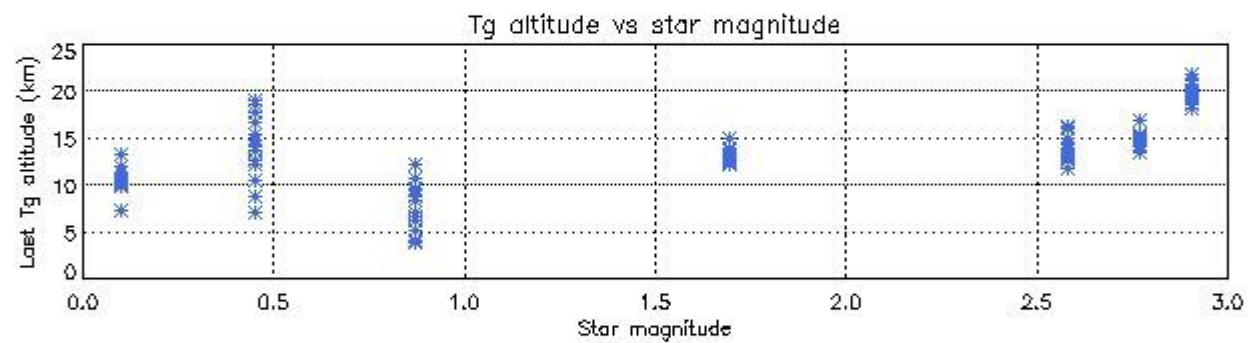
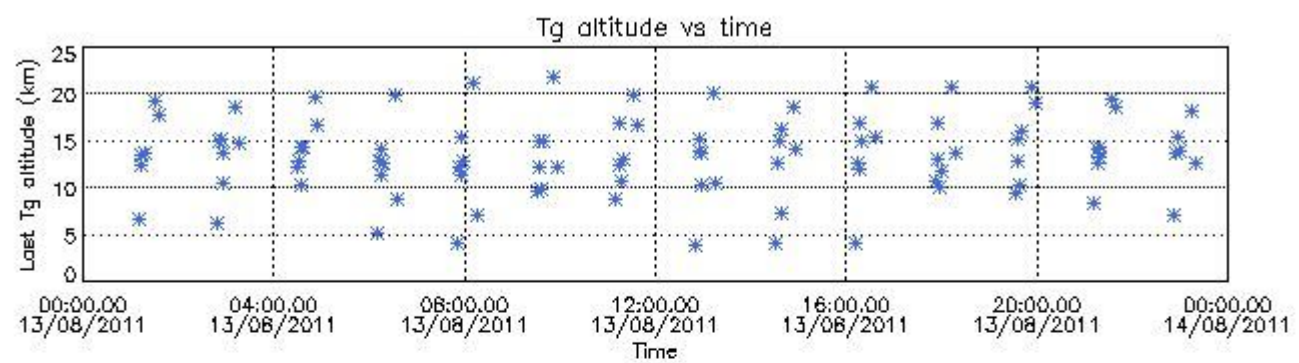
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.468	20.065	NaN
St. deviation:	4.1544	6.4254	NaN
Maximum:	21.892	46.470	NaN
Minimum:	3.9182	3.1052	NaN
Number of data:	96.000	138.00	NaN

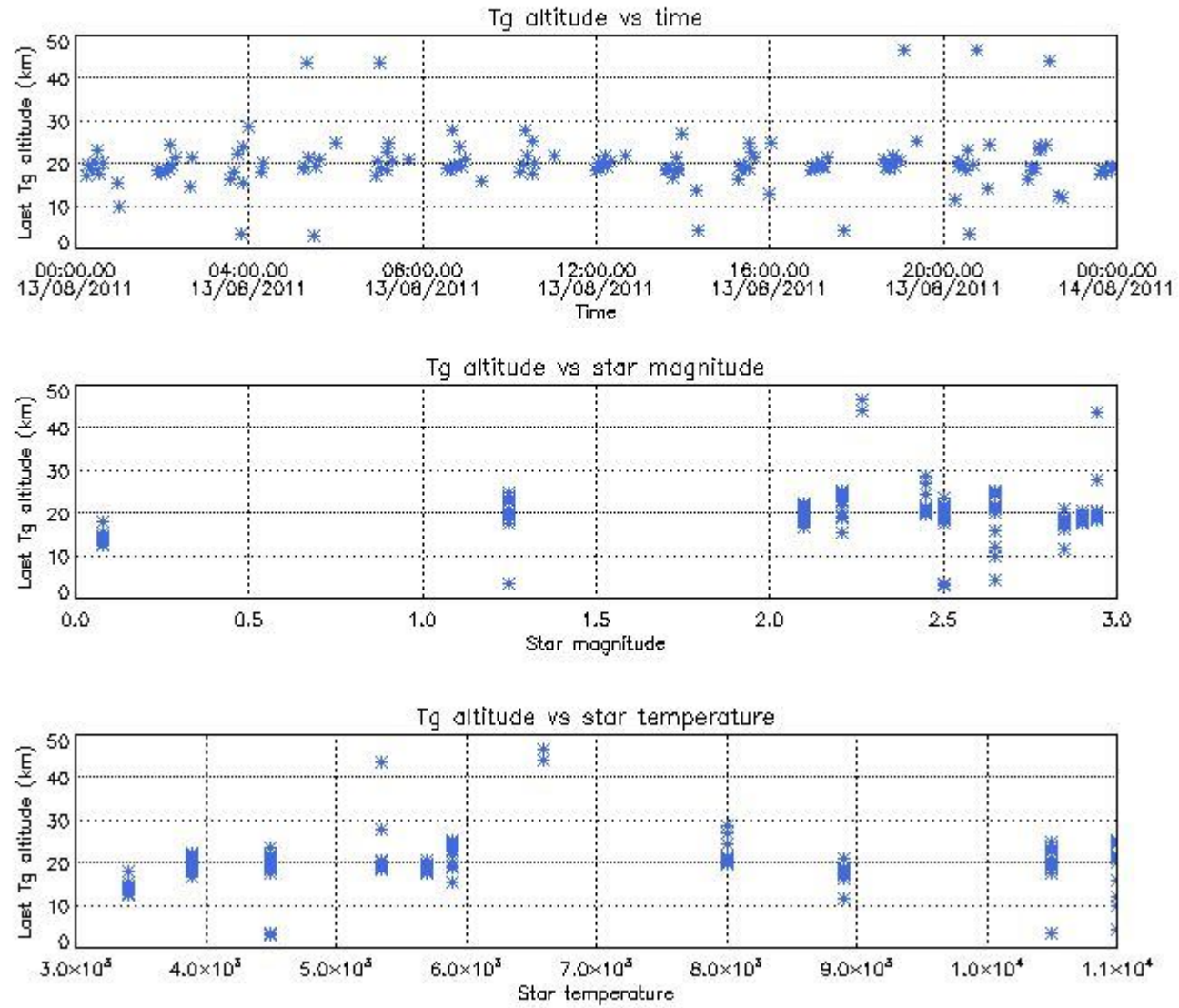
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

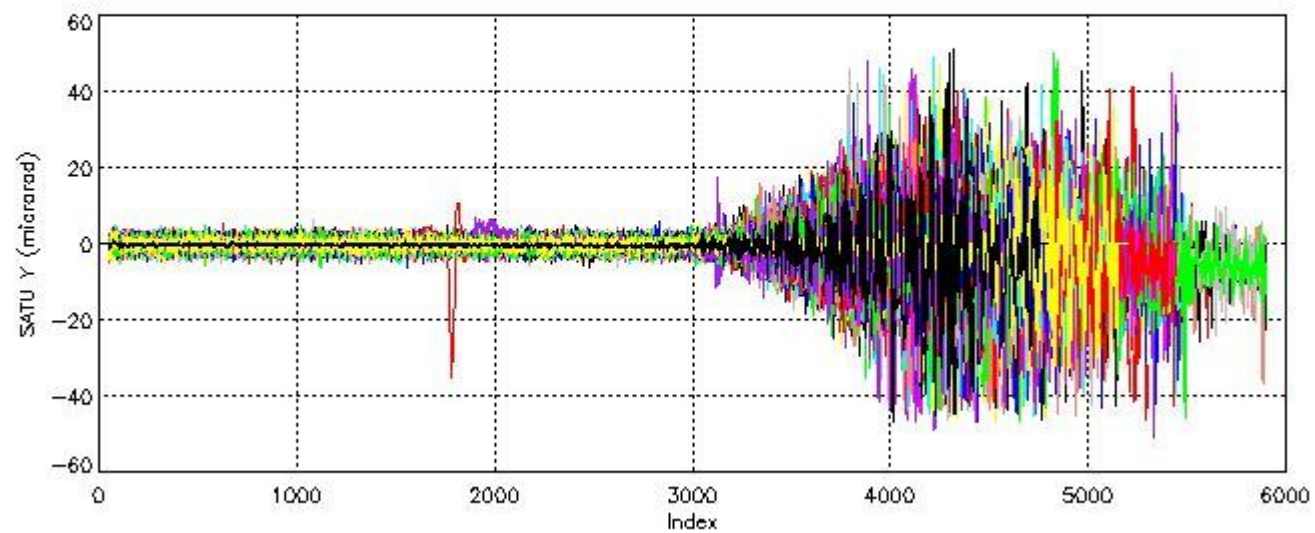
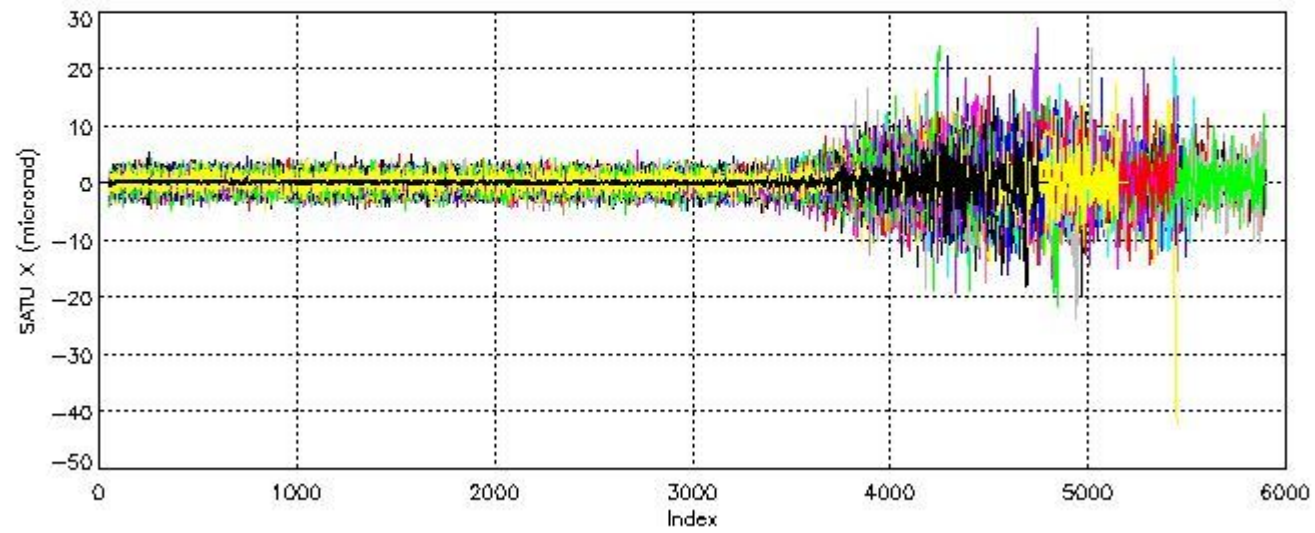


7. Star Acquisition and Tracking Unit (SATU)

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:	0.19378	-0.25295	0.24224	-0.25761
St. deviation:	0.59787	0.67056	0.71563	0.77573
Maximum:	5.3000	5.1000	4.6000	5.0000
Minimum:	-4.8000	-5.9000	-5.6000	-5.3000

Number of data:	99200.	99200.	1.3465E+05	1.3465E+05
90Percentile:	1.0000	0.60000	1.2000	0.70000

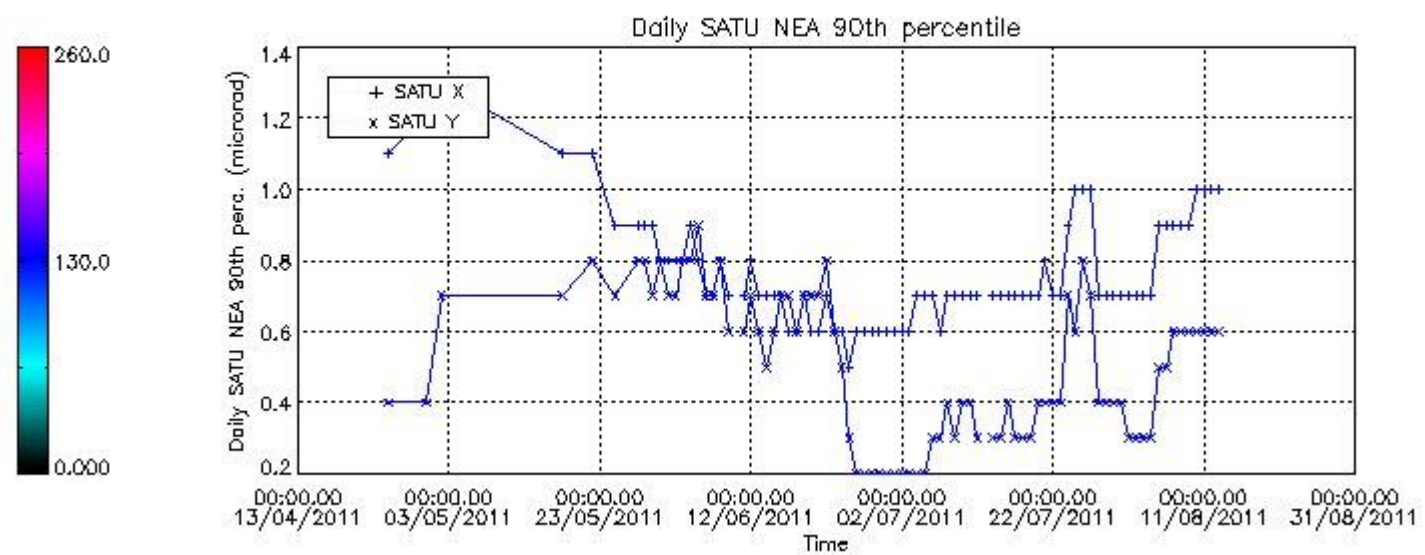
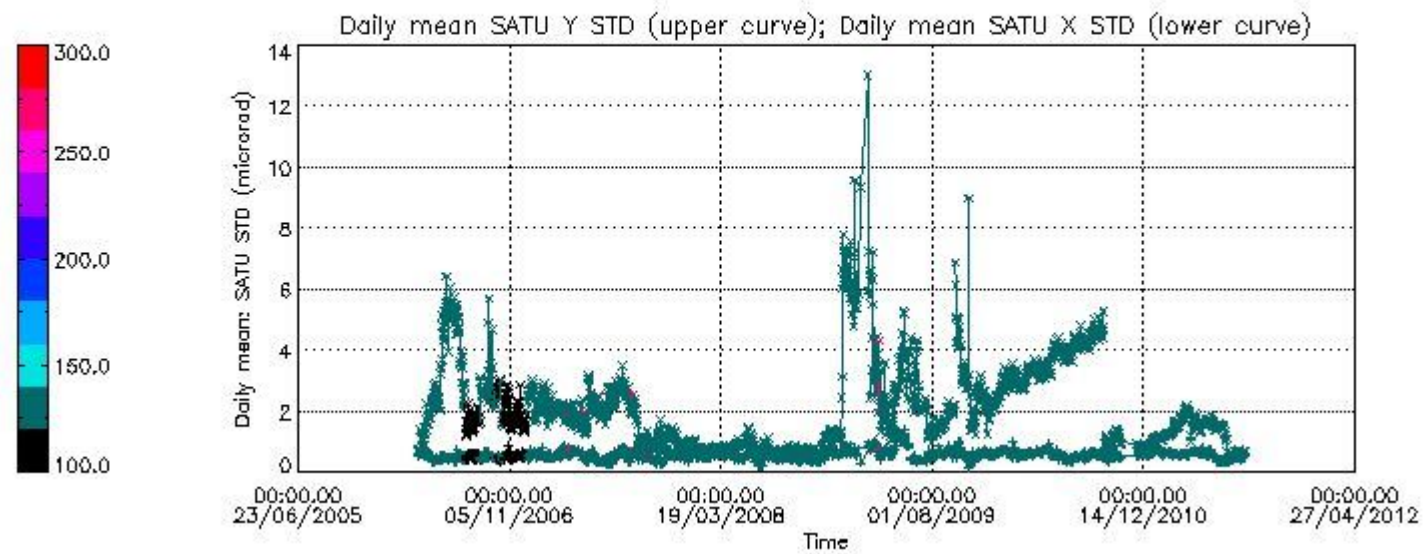
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

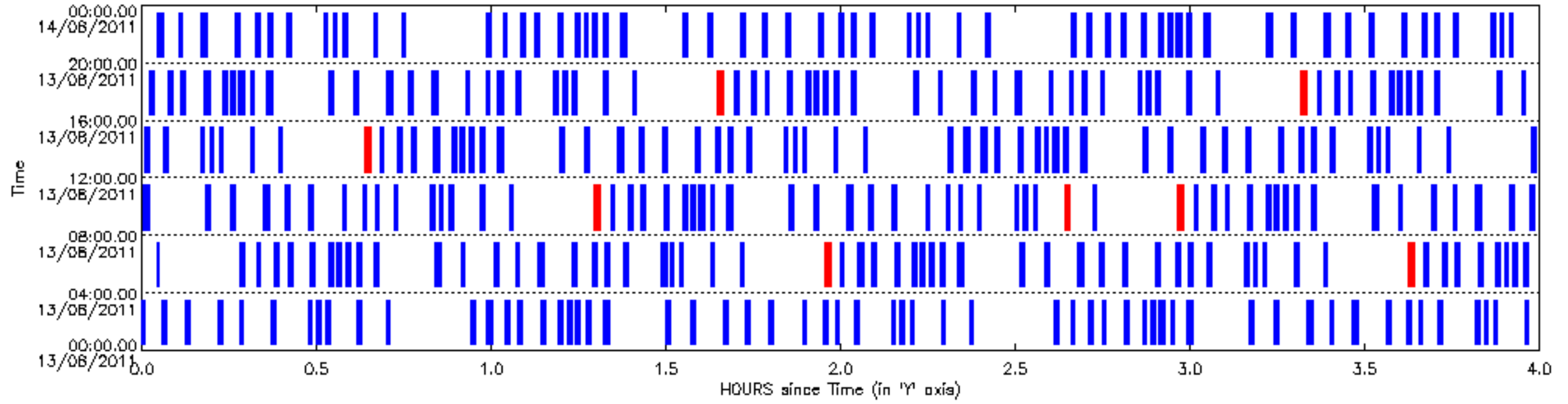
Lower curve: STD of SATU X axis

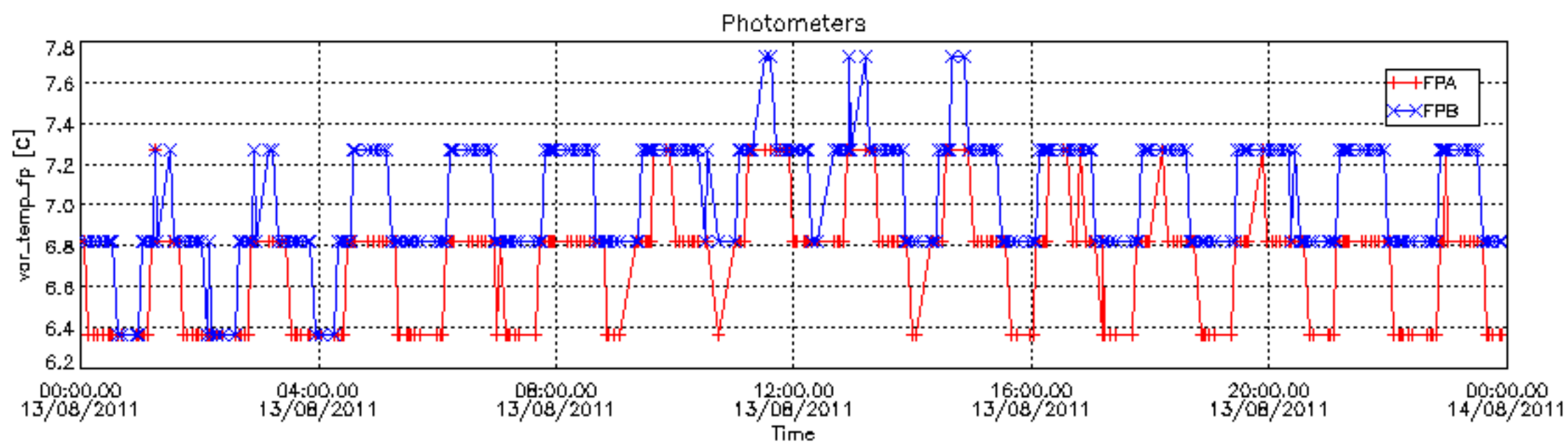
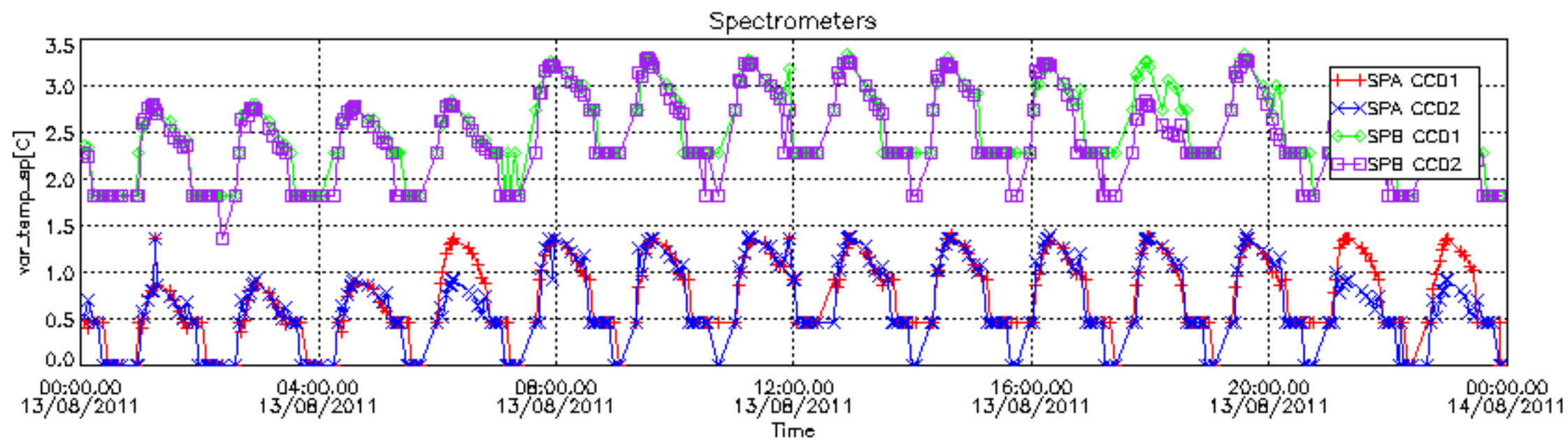


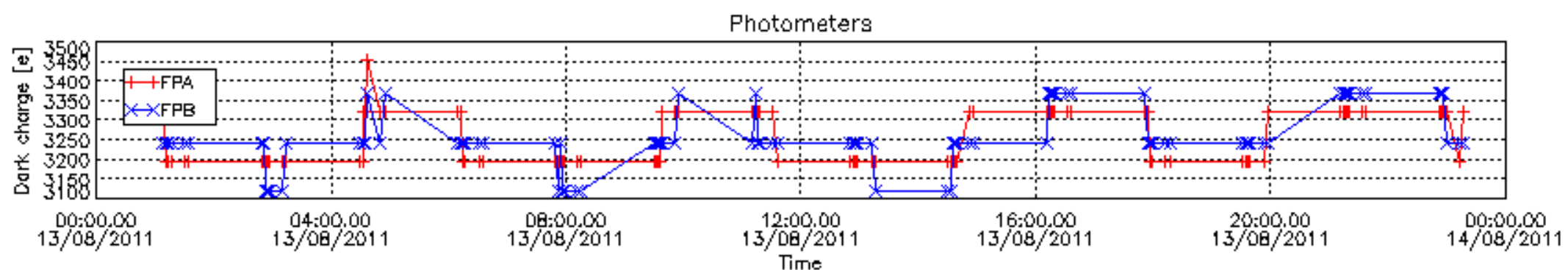
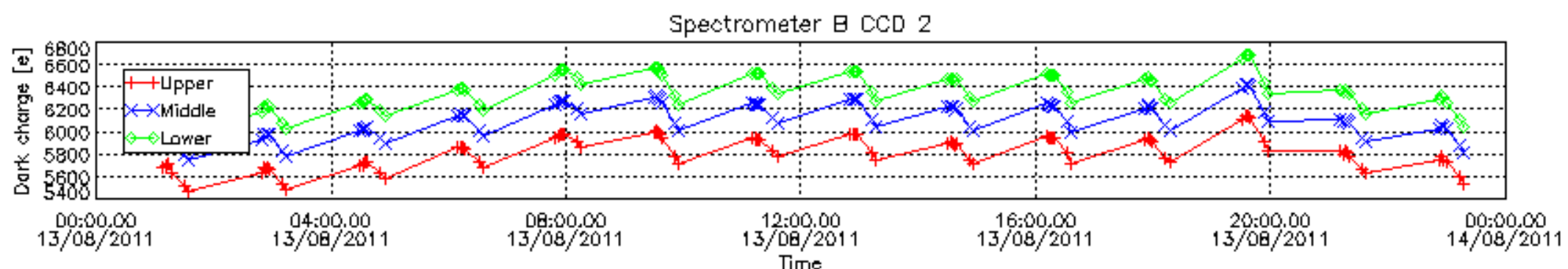
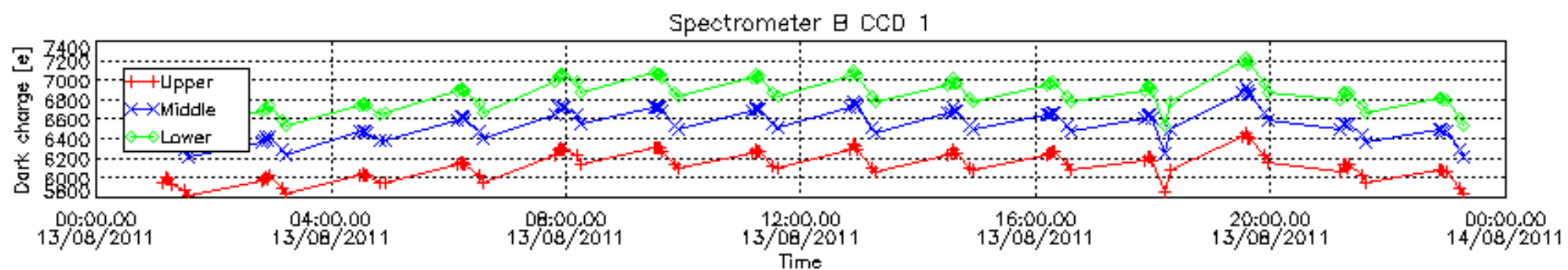
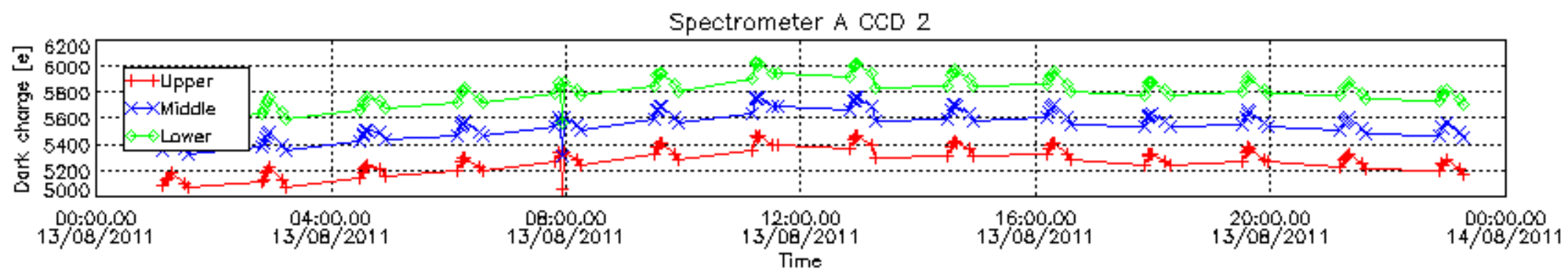
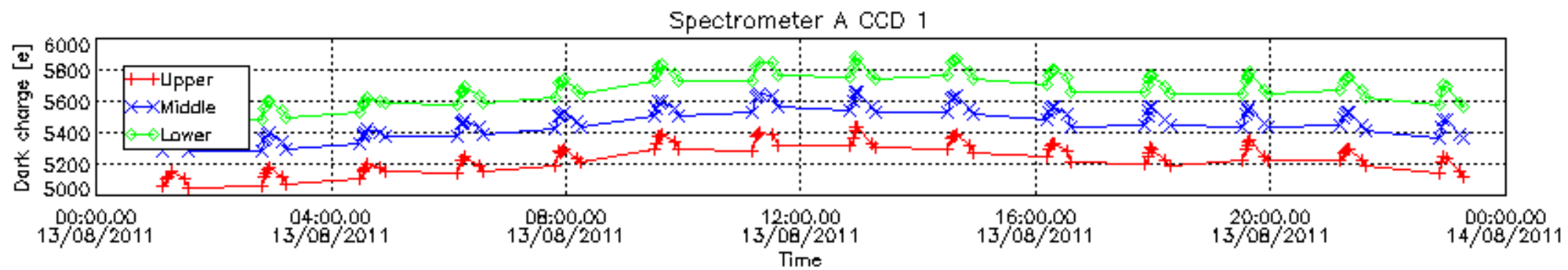
8. Auxiliary Data Files used for the production reported in section 2.4

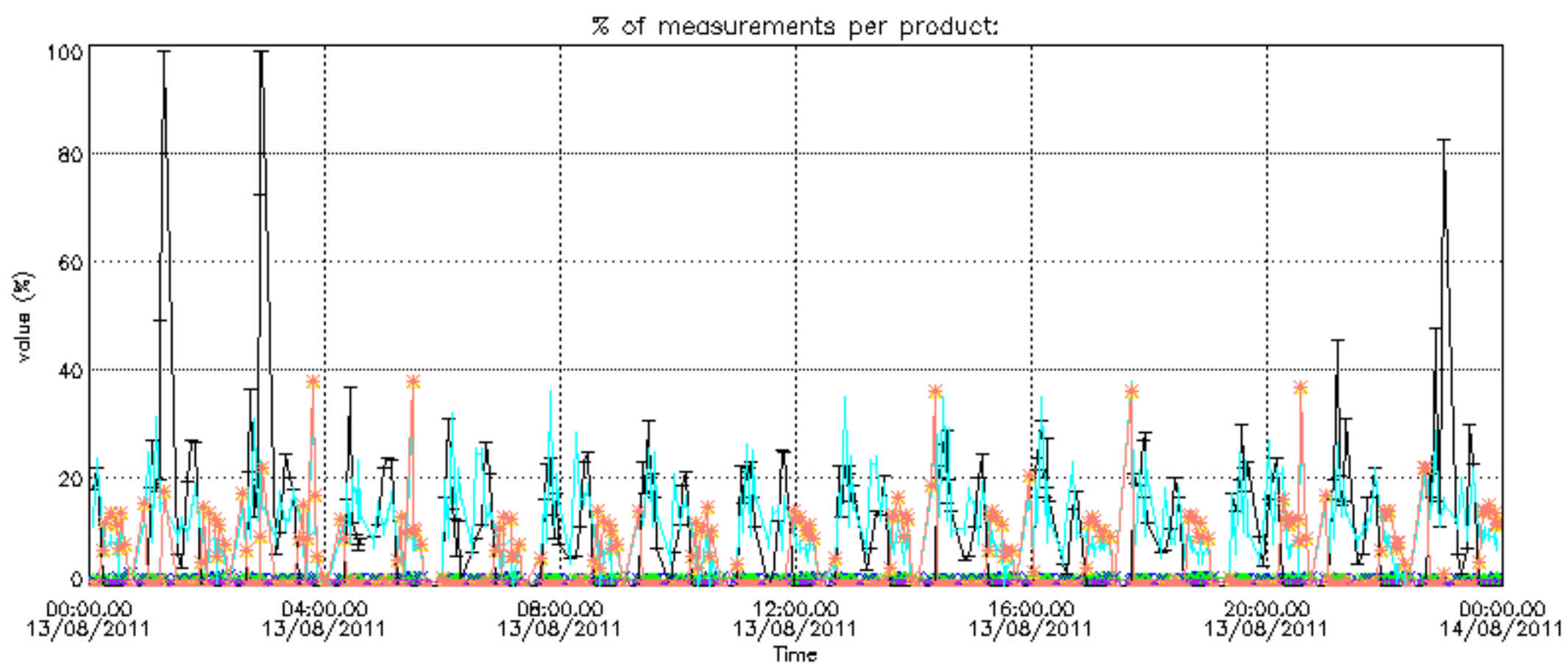
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-AUG-2011 00:03:25
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110809_072920_20110808_000000_20500101_000000	1	13-AUG-2011 00:03:25
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	13-AUG-2011 00:03:25
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	13-AUG-2011 00:03:25
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	13-AUG-2011 00:03:25
ECMWF_FILE	AUX_ECF_AXNECM20110812_063710_20110812_210000_20110813_090000	1	13-AUG-2011 00:03:25
ECMWF_FILE	AUX_ECF_AXNECM20110812_180546_20110813_030000_20110813_150000	57	13-AUG-2011 04:16:52
ECMWF_FILE	AUX_ECA_AXNECM20110813_062112_20110812_210000_20110813_090000	80	13-AUG-2011 05:59:56
ECMWF_FILE	AUX_ECF_AXNECM20110812_063710_20110812_210000_20110813_090000	102	13-AUG-2011 07:40:10
ECMWF_FILE	AUX_ECF_AXNECM20110812_180546_20110813_030000_20110813_150000	116	13-AUG-2011 08:37:50
ECMWF_FILE	MISSING	180	13-AUG-2011 13:35:01
ECMWF_FILE	AUX_ECA_AXNECM20110813_182946_20110813_090000_20110813_210000	247	13-AUG-2011 18:29:57
ECMWF_FILE	AUX_ECF_AXNECM20110813_062113_20110813_150000_20110814_030000	268	13-AUG-2011 20:06:17
ECMWF_FILE	AUX_ECF_AXNECM20110813_062114_20110813_210000_20110814_090000	283	13-AUG-2011 21:11:18
OPTIONAL_ECMWF_FILE	MISSING	1	13-AUG-2011 00:03:25
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110812_101706_20110811_192253_20110821_213640	1	13-AUG-2011 00:03:25
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110811_103154_20110810_195937_20110820_203310	102	13-AUG-2011 07:40:10
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110813_102114_20110812_184609_20110822_205956	138	13-AUG-2011 10:18:04

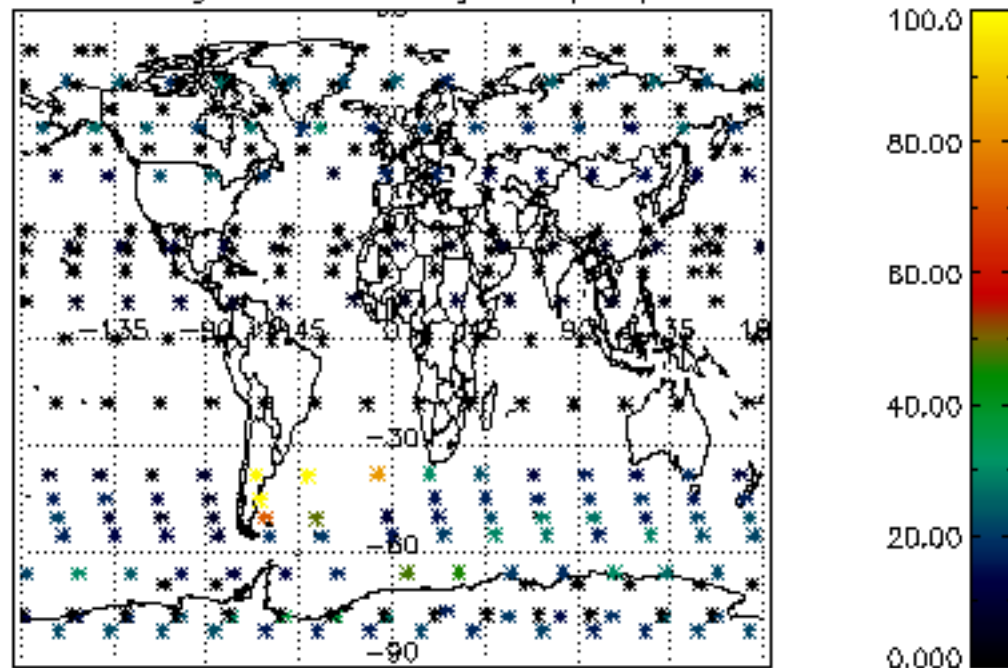




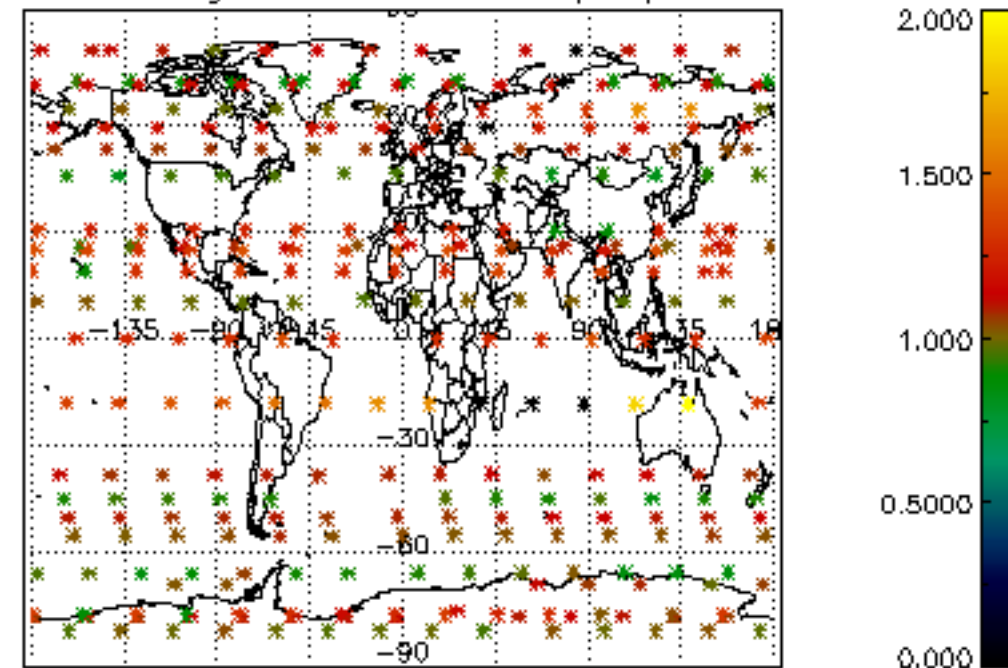




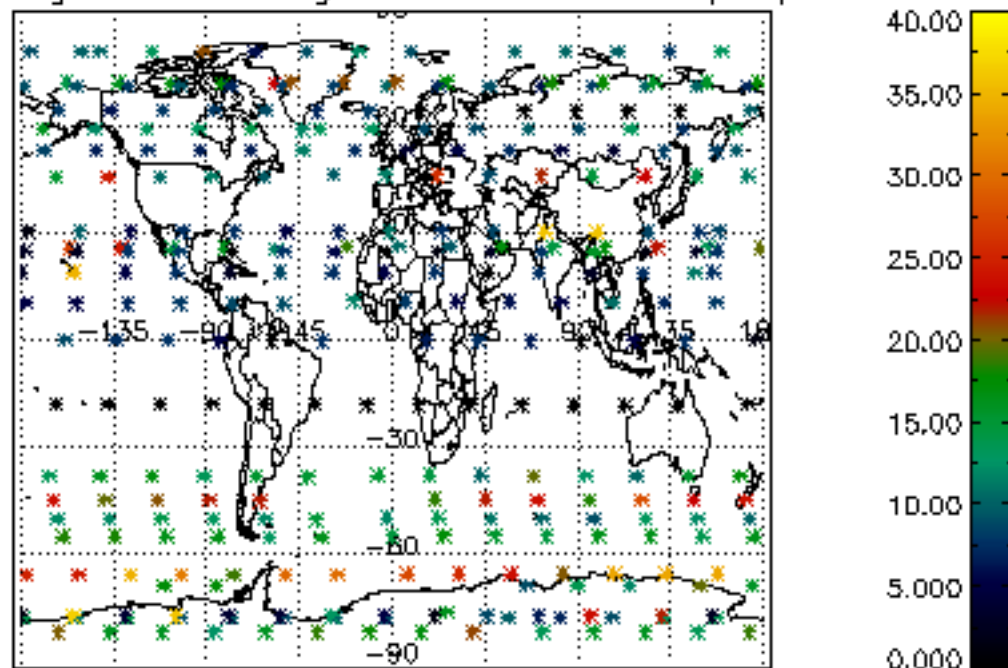
Percentage of cosmic ray hits per profile



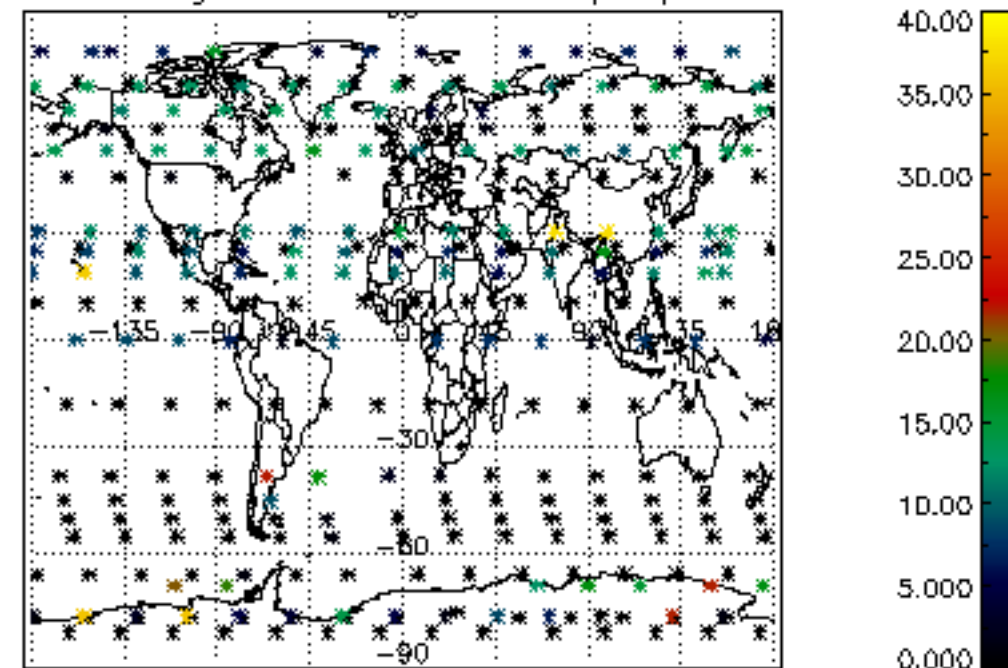
Percentage of datation errors per profile



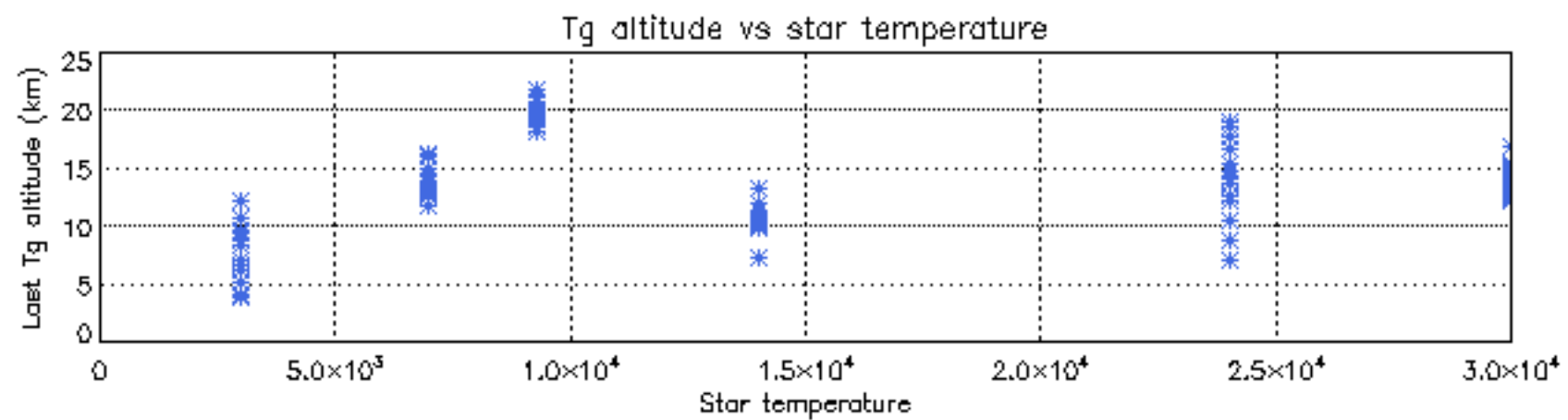
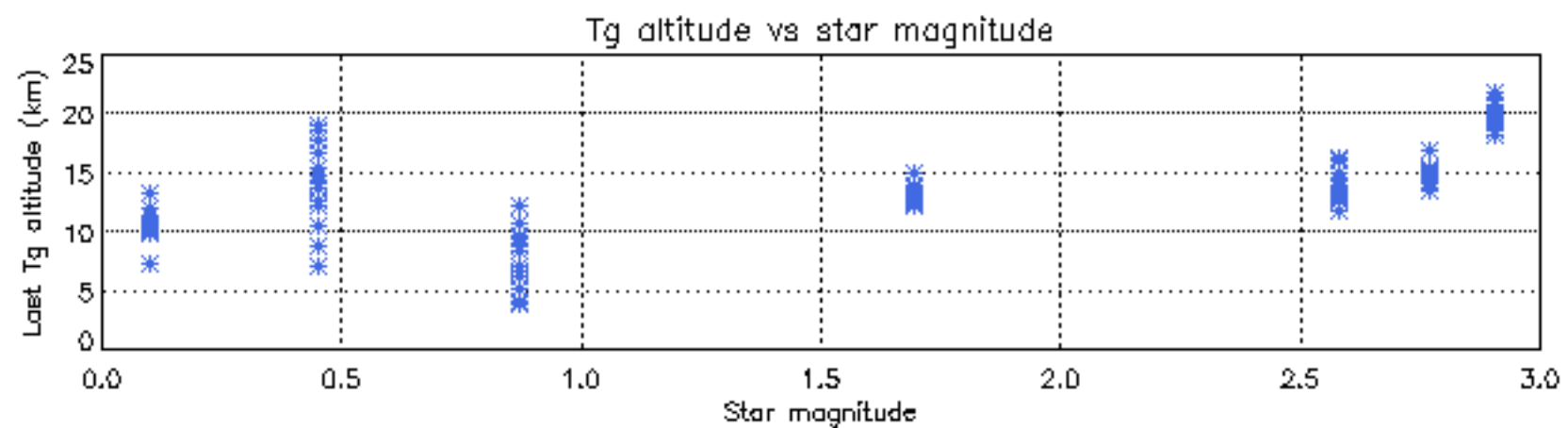
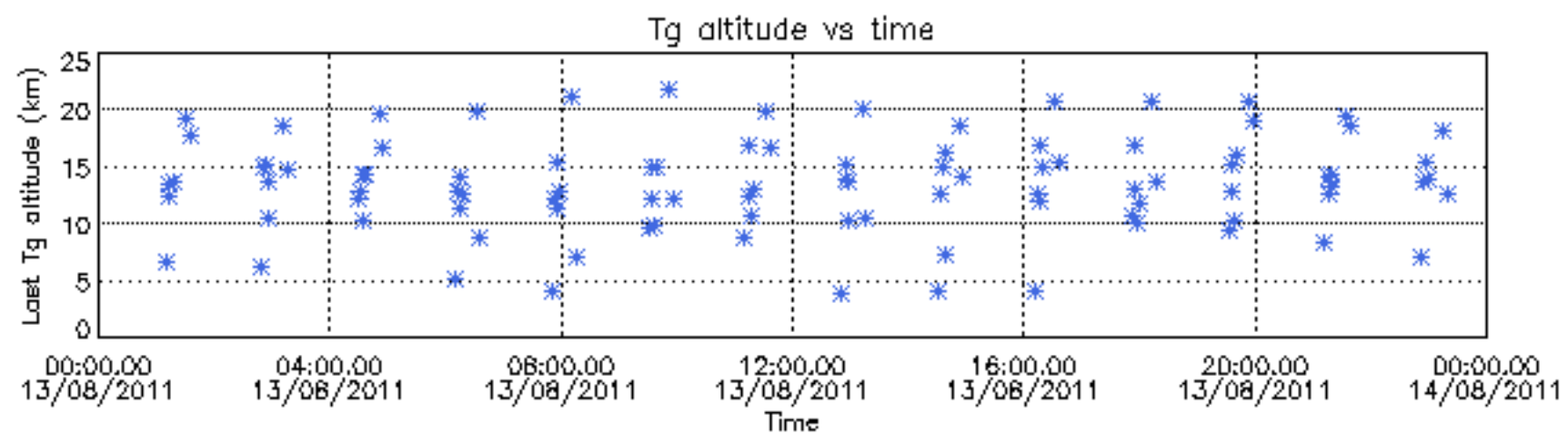
Percentage of star falling outside central band per profile



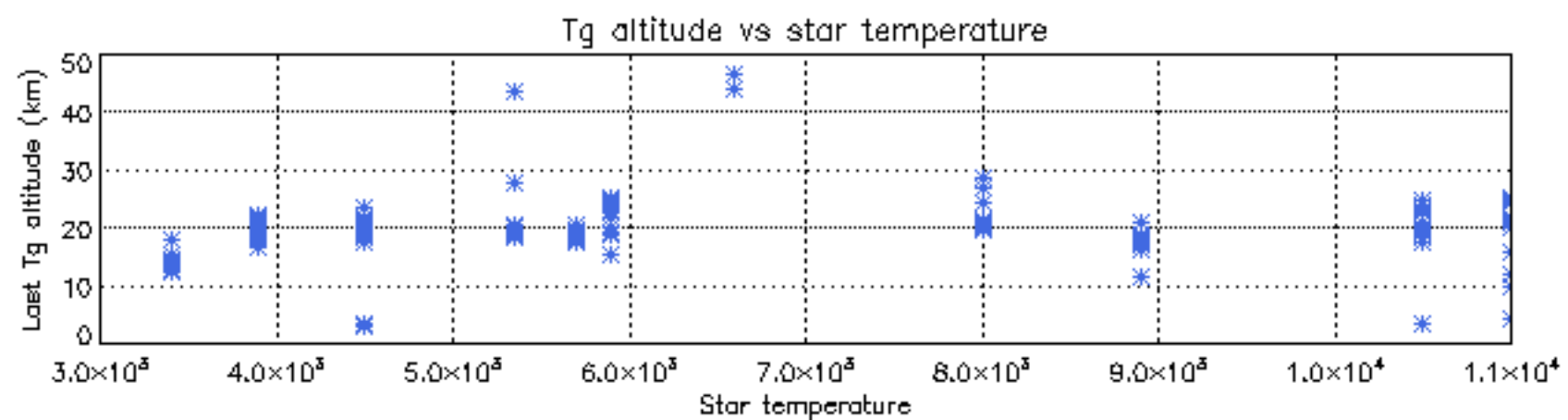
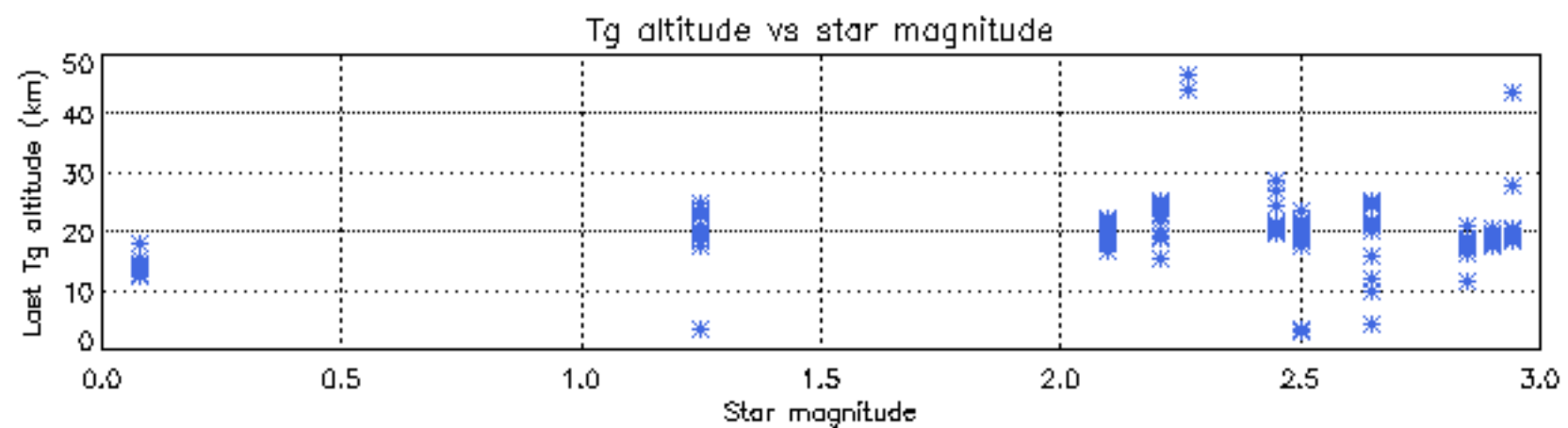
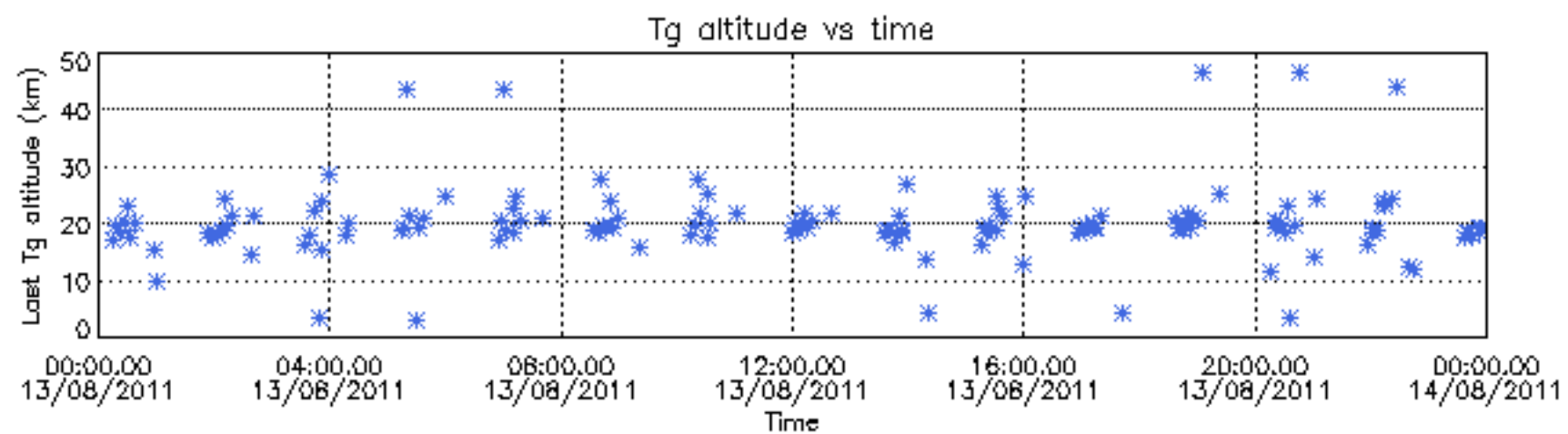
Percentage of saturation errors per profile

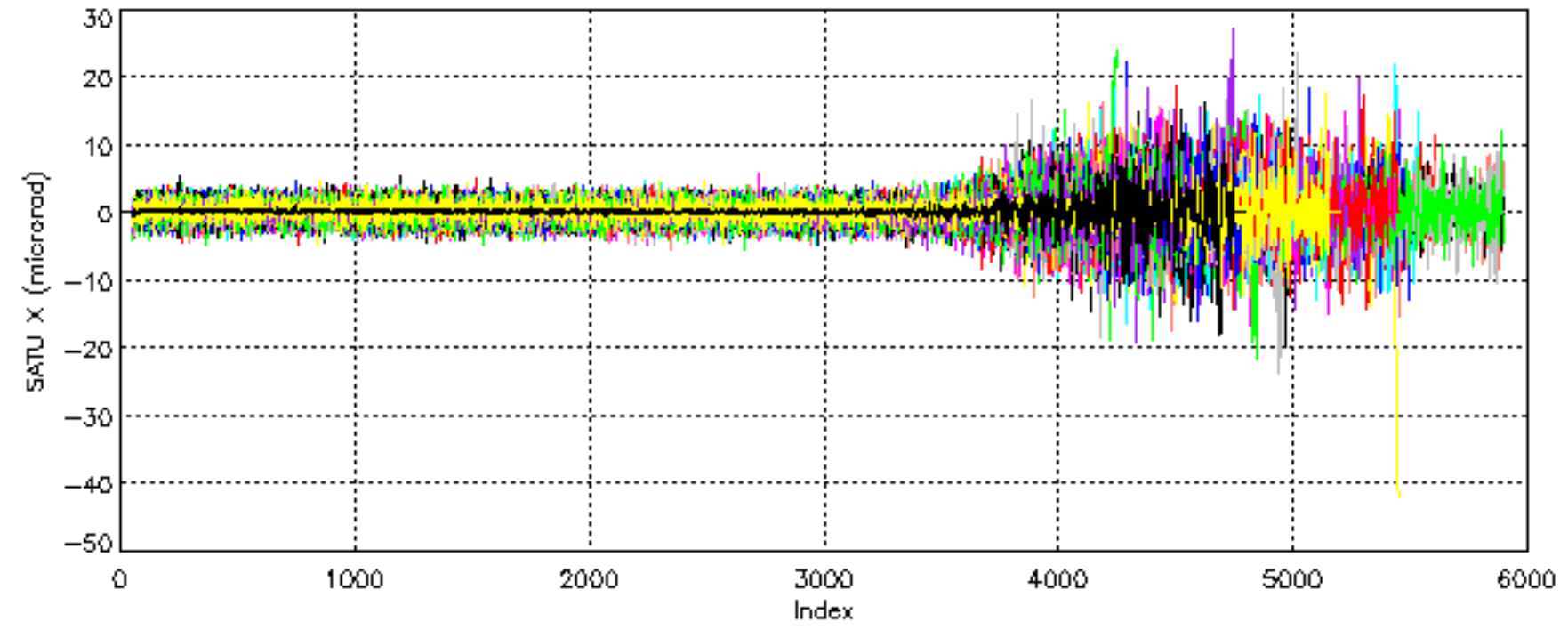


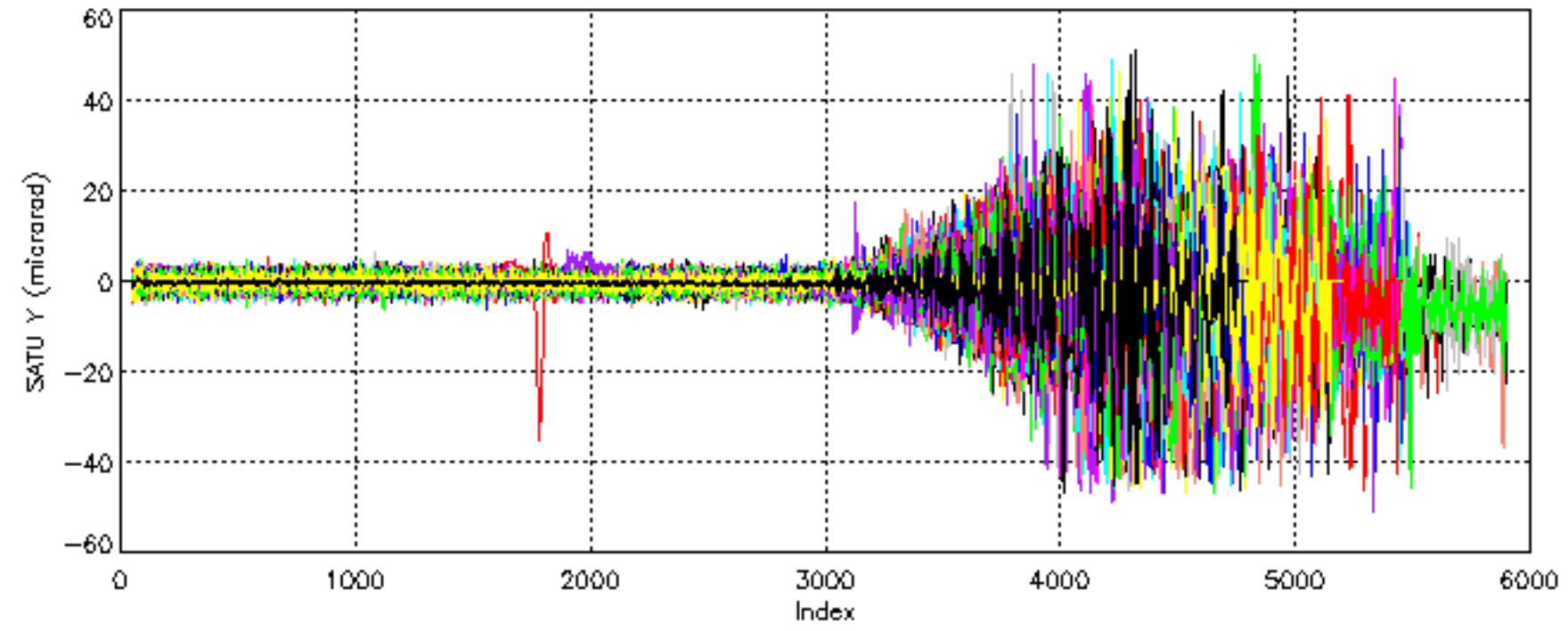
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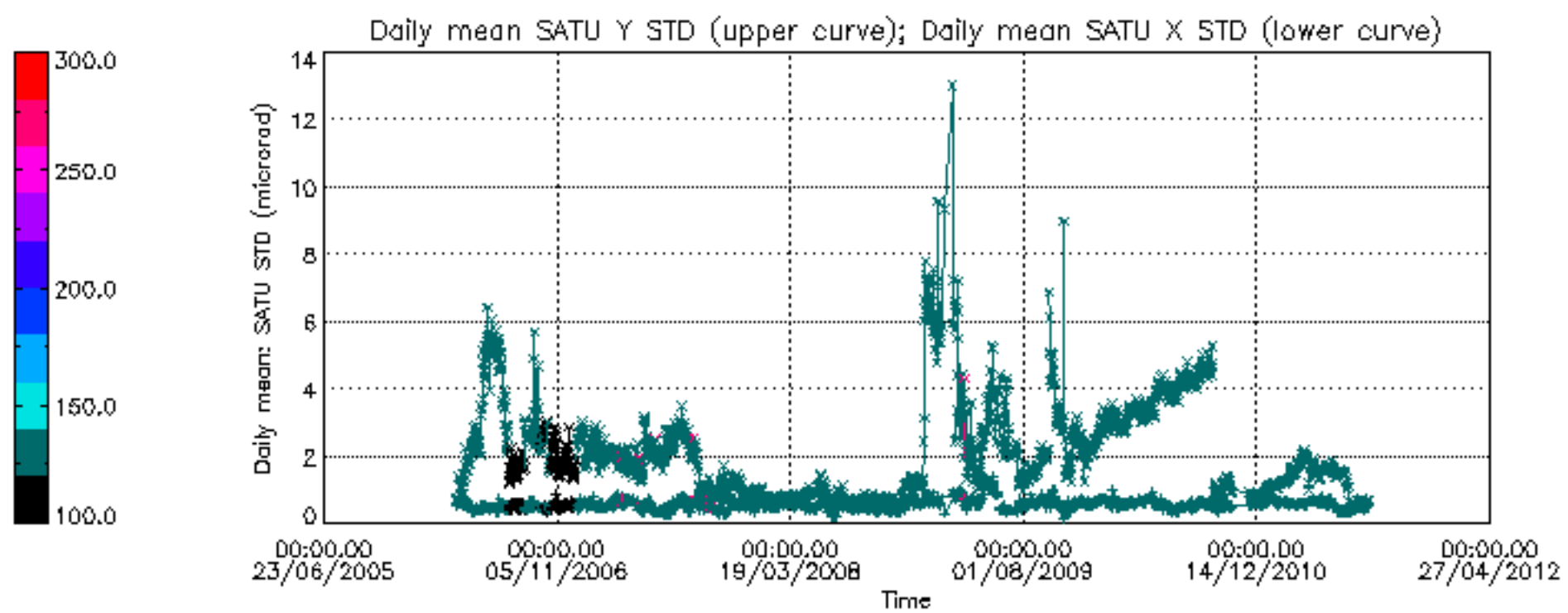


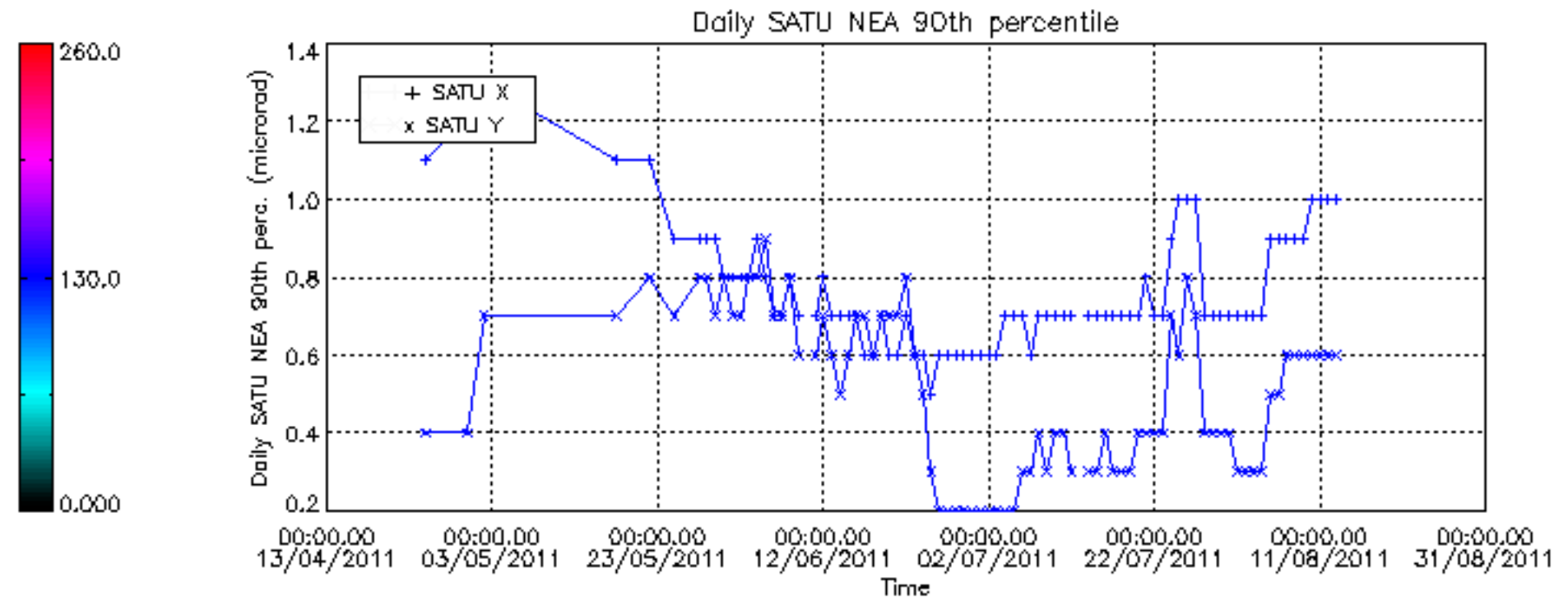
Tangent altitude at which the star is lost











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10; 1788.1; 14-AUG-2011 23:03:10; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;49455
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12; 2101.4; 14-AUG-2011 23:08:24; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;49455
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5; 447.2; 15-AUG-2011 00:21:03; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;49456
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13; 4170.4; 15-AUG-2011 21:25:54; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;49468
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 9; 4345.3; 15-AUG-2011 11:27:25; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;49462
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 11; 4699.5; 15-AUG-2011 11:33:19; Dark ; 42.5; 44; 24Gam Gem ; 1.93; 11000;occ; 85; 0;49462
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 13; 5101.0; 15-AUG-2011 11:40:01; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;49462
 14; 5186.0; 15-AUG-2011 11:41:26; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;49462
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 16; 5391.9; 15-AUG-2011 11:44:52; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;49462
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12; 2486.0; 16-AUG-2011 00:18:18; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;49470
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17; 3410.5; 16-AUG-2011 00:33:42; Bright; 33.0; 76; 27Gam Cas ; 2.30; 30000;occ; 66; 0;49470
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19; 4345.8; 16-AUG-2011 00:49:18; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;49470
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22; 4913.0; 16-AUG-2011 00:58:45; Dark ; 44.0; 14; 58Alp Ori ; 0.87; 3000;occ; 88; 0;49470
23; 5105.7; 16-AUG-2011 01:01:57; Dark ; 52.0; 30; 46Eps Ori ; 1.69; 30000;occ; 104; 0;49470
24; 5191.2; 16-AUG-2011 01:03:23; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;49470
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6; 2582.8; 15-AUG-2011 12:38:17; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;49463
7; 2679.0; 15-AUG-2011 12:39:53; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;49463
8; 2998.6; 15-AUG-2011 12:45:12; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49463
9; 3283.0; 15-AUG-2011 12:49:57; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;49463
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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13; 4530.4; 15-AUG-2011 13:10:44; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;49463
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19; 5392.6; 15-AUG-2011 13:25:06; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 0;49463
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23; 6809.9; 15-AUG-2011 13:48:44; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;49464
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4; 2098.8; 15-AUG-2011 14:10:27; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;49464
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6; 2582.8; 15-AUG-2011 14:18:31; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;49464
7; 2678.9; 15-AUG-2011 14:20:07; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;49464
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13; 4530.8; 15-AUG-2011 14:50:59; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;49464
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17; 5187.5; 15-AUG-2011 15:01:55; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;49464
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16; 5102.8; 15-AUG-2011 16:40:45; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;49465
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23; 6811.7; 15-AUG-2011 17:09:14; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;49466
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12; 4170.8; 15-AUG-2011 18:05:27; Bright; 49.5; 6; 13Alp Aur ; 0.08; 3400;occ; 99; 0;49466
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 38; 8499.7; 16-AUG-2011 03:38:45; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;49472
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 16; 5217.3; 18-AUG-2011 16:32:40; Dark ; 50.0; 125; 44Iot Ori ; 2.77; 30000;occ; 100; 0;49508
 17; 5319.1; 18-AUG-2011 16:34:22; Dark ; 58.0; 7; 19Bet Ori ; 0.10; 14000;occ; 116; 0;49508
 18; 5424.9; 18-AUG-2011 16:36:08; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;49508
 19; 5603.4; 18-AUG-2011 16:39:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49508
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 21; 6497.3; 18-AUG-2011 16:54:00; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;49509
 22; 6846.4; 18-AUG-2011 16:59:49; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;49509
 23; 7038.0; 18-AUG-2011 17:03:01; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;49509
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 3; 1787.5; 18-AUG-2011 17:15:44; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;49509
 4; 1899.5; 18-AUG-2011 17:17:37; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;49509
 5; 2086.7; 18-AUG-2011 17:20:44; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;49509
 6; 2480.0; 18-AUG-2011 17:27:17; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;49509
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 8; 2671.4; 18-AUG-2011 17:30:28; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49509
 9; 2987.5; 18-AUG-2011 17:35:45; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;49509
 10; 3247.9; 18-AUG-2011 17:40:05; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;49509
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 13; 4539.5; 18-AUG-2011 18:01:37; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;49509
 14; 4711.9; 18-AUG-2011 18:04:29; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;49509
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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
 17; 5217.9; 18-AUG-2011 18:12:55; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;49509
 18; 5320.0; 18-AUG-2011 18:14:37; Dark ; 59.5; 7; 19Bet Ori ; 0.10; 14000;occ; 119; 0;49509
 19; 5425.7; 18-AUG-2011 18:16:23; Dark ; 47.0; 101; 11Alp Lep ; 2.58; 7000;occ; 94; 0;49509
 20; 5604.2; 18-AUG-2011 18:19:21; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49509
 21; 6277.5; 18-AUG-2011 18:30:35; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49510
 22; 6497.9; 18-AUG-2011 18:34:15; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;49510
 23; 6847.1; 18-AUG-2011 18:40:04; Dark ; 61.0; 84; Alp Phe ; 2.40; 4500;occ; 122; 0;49510
 24; 7038.4; 18-AUG-2011 18:43:15; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;49510

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 3; 1586.6; 18-AUG-2011 18:52:38; Bright; 42.0; 142; 49Del Cap ; 2.85; 8900;occ; 84; 0;49510
 4; 1787.5; 18-AUG-2011 18:55:59; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;49510
 5; 1899.3; 18-AUG-2011 18:57:50; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;49510
 6; 2086.3; 18-AUG-2011 19:00:57; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;49510
 7; 2479.8; 18-AUG-2011 19:07:31; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;49510

8; 2579.1; 18-AUG-2011 19:09:10; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;49510
9; 2671.3; 18-AUG-2011 19:10:42; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49510
10; 2987.3; 18-AUG-2011 19:15:58; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49510
11; 3247.3; 18-AUG-2011 19:20:18; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;49510
12; 4165.9; 18-AUG-2011 19:35:37; Bright; 65.0; 6; 13Alp Aur ; 0.08; 3400;occ; 130; 0;49510
13; 4348.5; 18-AUG-2011 19:38:40; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;49510
14; 4539.7; 18-AUG-2011 19:41:51; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;49510
15; 4712.0; 18-AUG-2011 19:44:43; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;49510
16; 4931.6; 18-AUG-2011 19:48:23; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;49510
17; 5131.7; 18-AUG-2011 19:51:43; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;49510
18; 5218.6; 18-AUG-2011 19:53:10; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;49510
19; 5320.9; 18-AUG-2011 19:54:52; Dark ; 60.0; 7; 19Bet Ori ; 0.10; 14000;occ; 120; 0;49510
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22; 6278.7; 18-AUG-2011 20:10:50; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;49511
23; 6498.6; 18-AUG-2011 20:14:30; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;49511
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4; -792.4; 19-AUG-2011 02:34:08; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;49514
5; -689.4; 19-AUG-2011 02:35:51; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;49514
6; -584.7; 19-AUG-2011 02:37:36; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;49514
7; -405.7; 19-AUG-2011 02:40:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49514
8; 269.5; 19-AUG-2011 02:51:50; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49515
9; 487.3; 19-AUG-2011 02:55:28; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;49515
10; 836.9; 19-AUG-2011 03:01:18; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;49515
11; 980.4; 19-AUG-2011 03:03:41; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;49515
12; 1264.0; 19-AUG-2011 03:08:25; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;49515
13; 1587.2; 19-AUG-2011 03:13:48; Bright; 42.0; 142; 49Del Cap ; 2.85; 8900;occ; 84; 0;49515
14; 1787.5; 19-AUG-2011 03:17:08; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;49515
15; 1898.5; 19-AUG-2011 03:18:59; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;49515
16; 2085.1; 19-AUG-2011 03:22:06; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;49515
17; 2479.1; 19-AUG-2011 03:28:40; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49515
18; 2578.8; 19-AUG-2011 03:30:20; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;49515
19; 2670.6; 19-AUG-2011 03:31:51; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;49515
20; 2986.2; 19-AUG-2011 03:37:07; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;49515
21; 3243.6; 19-AUG-2011 03:41:24; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;49515

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6; -878.7; 19-AUG-2011 04:12:56; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;49515
7; -791.7; 19-AUG-2011 04:14:23; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;49515
8; -688.5; 19-AUG-2011 04:16:06; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;49515
9; -583.9; 19-AUG-2011 04:17:51; Dark ; 49.0; 101; 11Alp Lep ; 2.58; 7000;occ; 98; 0;49515
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11; 270.7; 19-AUG-2011 04:32:06; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;49516
12; 487.9; 19-AUG-2011 04:35:43; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;49516
13; 837.6; 19-AUG-2011 04:41:32; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;49516
14; 980.9; 19-AUG-2011 04:43:56; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;49516
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16; 1587.2; 19-AUG-2011 04:54:02; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;49516
17; 1787.4; 19-AUG-2011 04:57:22; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;49516
18; 1898.3; 19-AUG-2011 04:59:13; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;49516
19; 2085.0; 19-AUG-2011 05:02:20; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;49516
20; 2479.0; 19-AUG-2011 05:08:54; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49516
21; 2578.8; 19-AUG-2011 05:10:34; Bright; 35.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 71; 0;49516
22; 2670.5; 19-AUG-2011 05:12:05; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49516
23; 2985.9; 19-AUG-2011 05:17:21; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49516
24; 3242.8; 19-AUG-2011 05:21:38; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;49516

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4; -1300.4; 19-AUG-2011 05:46:08; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;49516
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6; -995.5; 19-AUG-2011 05:51:13; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;49516
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8; -791.0; 19-AUG-2011 05:54:38; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;49516
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13; 488.6; 19-AUG-2011 06:15:57; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;49517
14; 838.3; 19-AUG-2011 06:21:47; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49517
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19; 1898.1; 19-AUG-2011 06:39:27; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;49517
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22; 2578.7; 19-AUG-2011 06:50:48; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;49517
23; 2670.3; 19-AUG-2011 06:52:19; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;49517
24; 2985.7; 19-AUG-2011 06:57:35; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;49517
25; 3242.1; 19-AUG-2011 07:01:51; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;49517

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3; 1588.2; 19-AUG-2011 19:56:09; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;49525
4; 1787.4; 19-AUG-2011 19:59:28; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;49525
5; 1896.8; 19-AUG-2011 20:01:18; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;49525
6; 2082.9; 19-AUG-2011 20:04:24; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;49525
7; 2477.7; 19-AUG-2011 20:10:59; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;49525
8; 2669.3; 19-AUG-2011 20:14:10; Bright; 54.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 108; 0;49525
9; 2983.8; 19-AUG-2011 20:19:25; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;49525
10; 3236.0; 19-AUG-2011 20:23:37; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;49525
11; 4164.0; 19-AUG-2011 20:39:05; Bright; 50.5; 6; 13Alp Aur ; 0.08; 3400;occ; 101; 0;49525
12; 4349.1; 19-AUG-2011 20:42:10; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;49525
13; 4542.5; 19-AUG-2011 20:45:23; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;49525
14; 4716.0; 19-AUG-2011 20:48:17; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;49525
15; 4938.9; 19-AUG-2011 20:52:00; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;49525
16; 5024.7; 19-AUG-2011 20:53:26; Dark ; 9.0; 27; 24Gam Ori ; 1.64; 26000;occ; 18; 0;49525

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 9; 3350.2; 21-AUG-2011 15:51:34; Bright; 25.0; 76; 27Gam Cas ; 2.30; 30000;occ; 50; 0;49551
 10; 4160.5; 21-AUG-2011 16:05:05; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;49551
 11; 4350.7; 21-AUG-2011 16:08:15; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;49551
 12; 4548.2; 21-AUG-2011 16:11:32; Dark ; 57.5; 28; 12Bet Tau ; 1.65; 15200;occ; 115; 0;49551
 13; 4723.4; 21-AUG-2011 16:14:28; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;49551
 14; 4952.7; 21-AUG-2011 16:18:17; Dark ; 56.5; 14; 58Alp Ori ; 0.87; 3000;occ; 113; 0;49551
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 17; 5250.3; 21-AUG-2011 16:23:14; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;49551
 18; 5360.5; 21-AUG-2011 16:25:05; Dark ; 66.5; 7; 19Bet Ori ; 0.10; 14000;occ; 133; 0;49551
 19; 5459.3; 21-AUG-2011 16:26:43; Dark ; 45.5; 101; 11Alp Lep ; 2.58; 7000;occ; 91; 0;49551
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 21; 6328.5; 21-AUG-2011 16:41:13; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;49552
 22; 6525.7; 21-AUG-2011 16:44:30; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;49552
 23; 6878.8; 21-AUG-2011 16:50:23; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;49552
 24; 7009.4; 21-AUG-2011 16:52:34; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;49552

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 9; 3216.4; 21-AUG-2011 17:29:35; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;49552
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 13; 4548.4; 21-AUG-2011 17:51:47; Dark ; 54.0; 28; 12Bet Tau ; 1.65; 15200;occ; 108; 0;49552
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 19; 5361.5; 21-AUG-2011 18:05:20; Dark ; 62.5; 7; 19Bet Ori ; 0.10; 14000;occ; 125; 0;49552
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 21; 5641.0; 21-AUG-2011 18:09:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49552
 22; 6329.8; 21-AUG-2011 18:21:28; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49553
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 6; 2475.0; 21-AUG-2011 18:57:27; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;49553
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 9; 3215.7; 21-AUG-2011 19:09:48; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;49553
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 17; 5163.2; 21-AUG-2011 19:42:15; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;49553
 18; 5251.9; 21-AUG-2011 19:43:44; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;49553
 19; 5362.5; 21-AUG-2011 19:45:35; Dark ; 60.0; 7; 19Bet Ori ; 0.10; 14000;occ; 120; 0;49553
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 21; 5641.8; 21-AUG-2011 19:50:14; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49553
 22; 6330.9; 21-AUG-2011 20:01:43; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;49554
 23; 6527.0; 21-AUG-2011 20:04:59; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;49554
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 25; 7010.1; 21-AUG-2011 20:13:02; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;49554

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 7; 868.3; 22-AUG-2011 01:11:36; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49557
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 11; 1788.2; 22-AUG-2011 01:26:56; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;49557
 12; 1892.4; 22-AUG-2011 01:28:40; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;49557
 13; 2076.6; 22-AUG-2011 01:31:45; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;49557
 14; 2474.6; 22-AUG-2011 01:38:23; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49557
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 16; 2977.5; 22-AUG-2011 01:46:46; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49557
 17; 3212.9; 22-AUG-2011 01:50:41; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;49557
 18; 3345.6; 22-AUG-2011 01:52:54; Bright; 29.0; 76; 27Gam Cas ; 2.30; 30000;occ; 58; 0;49557
 19; 4159.4; 22-AUG-2011 02:06:27; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;49557
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 22; 4725.1; 22-AUG-2011 02:15:53; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;49557
 23; 4955.9; 22-AUG-2011 02:19:44; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;49557
 24; 5048.6; 22-AUG-2011 02:21:17; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;49557
 25; 5166.2; 22-AUG-2011 02:23:14; Dark ; 6.5; 30; 46Eps Ori ; 1.69; 30000;occ; 13; 0;49557

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 4; -489.8; 22-AUG-2011 02:29:12; Dark ; 48.0; 139; 9Bet Lep ; 2.83; 5600;occ; 96; 0;49557
 5; -368.6; 22-AUG-2011 02:31:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49557
 6; 321.8; 22-AUG-2011 02:42:44; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49558

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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
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22; 6885.9; 22-AUG-2011 09:32:50; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49562
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 2; -697.8; 27-AUG-2011 01:02:16; Dark ; 49.0; 1; 9Alp Cma ; -1.44; 11000;occ; 98; 0;49628
 3; -482.8; 27-AUG-2011 01:05:51; Dark ; 51.0; 101; 11Alp Lep ; 2.58; 7000;occ; 102; 0;49628
 4; -300.0; 27-AUG-2011 01:08:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49628

5;	408.8;	27-AUG-2011	01:20:43;	Dark	;	54.5;	157;	The1Eri	;	2.91;	9300;occ;	109;	0;	49629
6;	561.3;	27-AUG-2011	01:23:15;	Dark	;	44.5;	9;	Alp Eri	;	0.45;	24000;occ;	89;	0;	49629
7;	917.6;	27-AUG-2011	01:29:12;	Dark	;	52.0;	84;	Alp Phe	;	2.40;	4500;occ;	104;	0;	49629
8;	1023.3;	27-AUG-2011	01:30:57;	Dark	;	55.0;	63;	Bet Gru	;	2.15;	2800;occ;	110;	0;	49629
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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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18;	4146.2;	27-AUG-2011	02:23:00;	Bright;	;	56.0;	6;	13Alp Aur	;	0.08;	3400;occ;	112;	0;	49629
19;	4353.6;	27-AUG-2011	02:26:28;	Bright;	;	43.5;	107;	37The Aur	;	2.65;	11000;occ;	87;	0;	49629
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21;	4747.6;	27-AUG-2011	02:33:02;	Dark	;	49.5;	44;	24Gam Gem	;	1.93;	11000;occ;	99;	0;	49629
22;	4835.6;	27-AUG-2011	02:34:30;	Dark	;	39.5;	153;	3Bet CMi	;	2.89;	13100;occ;	79;	0;	49629
23;	4999.8;	27-AUG-2011	02:37:14;	Dark	;	66.0;	14;	58Alp Ori	;	0.87;	3000;occ;	132;	0;	49629
24;	5229.5;	27-AUG-2011	02:41:04;	Dark	;	29.0;	30;	46Eps Ori	;	1.69;	30000;occ;	58;	0;	49629
25;	5316.7;	27-AUG-2011	02:42:31;	Dark	;	48.0;	1;	9Alp CMA	;	-1.44;	11000;occ;	96;	0;	49629
26;	5531.7;	27-AUG-2011	02:46:06;	Dark	;	51.5;	101;	11Alp Lep	;	2.58;	7000;occ;	103;	0;	49629
27;	5715.0;	27-AUG-2011	02:49:09;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	49629
28;	6424.0;	27-AUG-2011	03:00:58;	Dark	;	54.0;	157;	The1Eri	;	2.91;	9300;occ;	108;	0;	49630
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30;	6932.2;	27-AUG-2011	03:09:26;	Dark	;	52.0;	84;	Alp Phe	;	2.40;	4500;occ;	104;	0;	49630
31;	7037.7;	27-AUG-2011	03:11:12;	Dark	;	43.0;	63;	Bet Gru	;	2.15;	2800;occ;	86;	0;	49630
32;	7317.2;	27-AUG-2011	03:15:51;	Dark	;	49.0;	18;	24Alp PsA	;	1.17;	9700;occ;	98;	0;	49630
33;	7615.0;	27-AUG-2011	03:20:49;	Dark	;	49.0;	142;	49Del Cap	;	2.85;	8900;occ;	98;	0;	49630
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35;	8080.7;	27-AUG-2011	03:28:35;	Bright;	;	40.0;	61;	8Eps Peg	;	2.10;	3900;occ;	80;	0;	49630
36;	8530.4;	27-AUG-2011	03:36:04;	Bright;	;	45.0;	164;	44Eta Peg	;	2.95;	5400;occ;	90;	0;	49630
37;	8979.8;	27-AUG-2011	03:43:34;	Bright;	;	37.5;	89;	5Alp Cep	;	2.45;	8000;occ;	75;	0;	49630
38;	9176.0;	27-AUG-2011	03:46:50;	Bright;	;	46.0;	74;	11Bet Cas	;	2.27;	6600;occ;	92;	0;	49630
39;	9306.3;	27-AUG-2011	03:49:00;	Bright;	;	47.0;	76;	27Gam Cas	;	2.30;	30000;occ;	94;	0;	49630
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4;	-1265.9;	27-AUG-2011	04:13:16;	Dark	;	49.0;	44;	24Gam Gem	;	1.93;	11000;occ;	98;	0;	49630
5;	-1178.2;	27-AUG-2011	04:14:44;	Dark	;	39.5;	153;	3Bet CMi	;	2.89;	13100;occ;	79;	0;	49630
6;	-1013.5;	27-AUG-2011	04:17:29;	Dark	;	60.0;	14;	58Alp Ori	;	0.87;	3000;occ;	120;	0;	49630
7;	-696.8;	27-AUG-2011	04:22:45;	Dark	;	49.0;	1;	9Alp CMA	;	-1.44;	11000;occ;	98;	0;	49630
8;	-481.1;	27-AUG-2011	04:26:21;	Dark	;	49.5;	101;	11Alp Lep	;	2.58;	7000;occ;	99;	0;	49630
9;	-297.9;	27-AUG-2011	04:29:24;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	49630
10;	411.3;	27-AUG-2011	04:41:13;	Dark	;	55.0;	157;	The1Eri	;	2.91;	9300;occ;	110;	0;	49631
11;	562.6;	27-AUG-2011	04:43:45;	Dark	;	44.0;	9;	Alp Eri	;	0.45;	24000;occ;	88;	0;	49631
12;	918.9;	27-AUG-2011	04:49:41;	Dark	;	53.0;	84;	Alp Phe	;	2.40;	4500;occ;	106;	0;	49631
13;	1024.1;	27-AUG-2011	04:51:26;	Dark	;	46.5;	63;	Bet Gru	;	2.15;	2800;occ;	93;	0;	49631
14;	1303.4;	27-AUG-2011	04:56:05;	Dark	;	49.5;	18;	24Alp PsA	;	1.17;	9700;occ;	99;	0;	49631
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16;	1885.6;	27-AUG-2011	05:05:48;	Bright;	;	41.5;	162;	34Alp Aqr	;	2.94;	5350;occ;	83;	0;	49631
17;	2066.6;	27-AUG-2011	05:08:49;	Bright;	;	39.5;	61;	8Eps Peg	;	2.10;	3900;occ;	79;	0;	49631
18;	2515.9;	27-AUG-2011	05:16:18;	Bright;	;	46.5;	164;	44Eta Peg	;	2.95;	5400;occ;	93;	0;	49631
19;	2965.8;	27-AUG-2011	05:23:48;	Bright;	;	37.0;	89;	5Alp Cep	;	2.45;	8000;occ;	74;	0;	49631
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2;	-1660.4;	27-AUG-2011	05:46:56;	Bright;	;	45.0;	107;	37The Aur	;	2.65;	11000;occ;	90;	0;	49631
3;	-1368.0;	27-AUG-2011	05:51:48;	Dark	;	56.0;	151;	13Mu Gem	;	2.89;	3000;occ;	112;	0;	49631
4;	-1265.6;	27-AUG-2011	05:53:31;	Dark	;	46.0;	44;	24Gam Gem	;	1.93;	11000;occ;	92;	0;	49631
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6;	-1013.0;	27-AUG-2011	05:57:43;	Dark	;	62.0;	14;	58Alp Ori	;	0.87;	3000;occ;	124;	0;	49631
7;	-696.4;	27-AUG-2011	06:03:00;	Dark	;	50.5;	1;	9Alp CMA	;	-1.44;	11000;occ;	101;	0;	49631
8;	-480.1;	27-AUG-2011	06:06:36;	Dark	;	53.0;	101;	11Alp Lep	;	2.58;	7000;occ;	106;	0;	49631
9;	-296.8;	27-AUG-2011	06:09:39;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	49631
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6;-1012.3; 27-AUG-2011 07:37:58; Dark ; 71.5; 14; 58Alp Ori ; 0.87; 3000;occ; 143; 0;49632
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17; 6430.0; 27-AUG-2011 11:22:14; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49635
18; 6579.0; 27-AUG-2011 11:24:43; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49635
19; 6935.5; 27-AUG-2011 11:30:40; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;49635

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9; 4353.7; 27-AUG-2011 12:27:52; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;49635
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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
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16; 5721.2; 27-AUG-2011 12:50:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49635
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6; 3157.4; 27-AUG-2011 15:28:23; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;49637
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 14; 4838.4; 27-AUG-2011 17:36:38; Dark ; 40.0; 153; 3Bet CMI ; 2.89; 13100;occ; 80; 0;49638
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 16; 5321.5; 27-AUG-2011 17:44:41; Dark ; 47.5; 1; 9Alp CMA ; -1.44; 11000;occ; 95; 0;49638
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16; 6617.4; 31-AUG-2011 18:59:47; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;49697
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1; 979.2; 31-AUG-2011 19:06:03; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 40;49697
2; 1322.5; 31-AUG-2011 19:11:47; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;49697
3; 1883.2; 31-AUG-2011 19:21:07; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;49697
4; 2062.2; 31-AUG-2011 19:24:06; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49697
5; 3118.8; 31-AUG-2011 19:41:43; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;49697
6; 6973.8; 31-AUG-2011 20:45:58; Dark ; 6.0; 84; Alp Phe ; 2.40; 4500;occ; 12; 0;49698