

# GOMOS Daily Report 18-JUL-2011

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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	21JUL2011 07:05:29
Data source version	GOMOS/6.01
Start time of products	18JUL2011 00:01:18
Stop time of products	18JUL2011 23:51:08
Store outputs in DB	Yes
Nb of level 1b prods	306
Nb of prods with errors	2

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

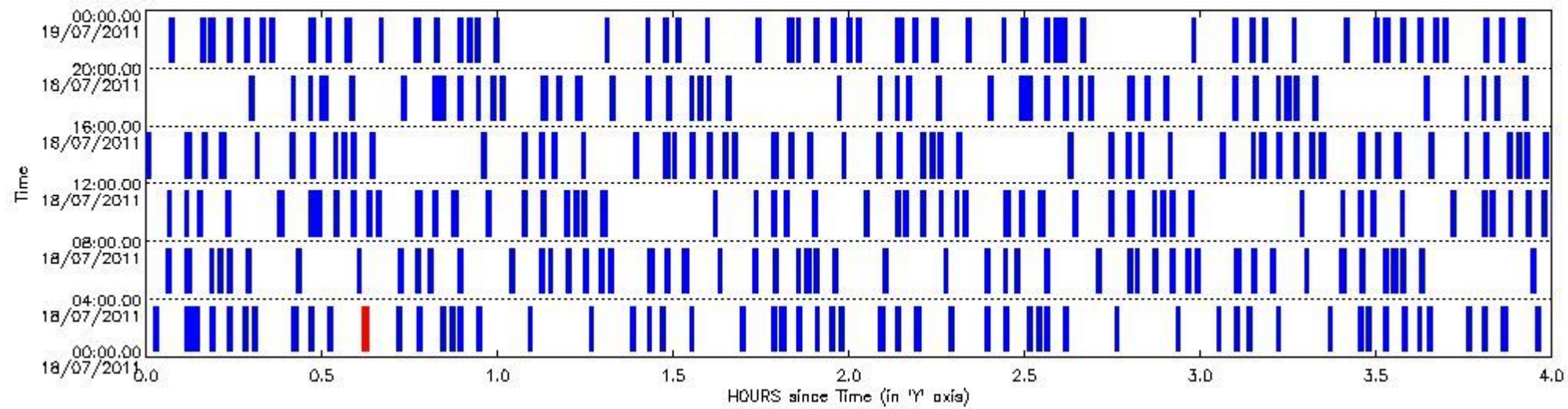
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 2.2 Plot of mission plan versus Level 0 production arrived in PCF during reporting period

Red segments are missing products.

Blue segments are available products.

Green segments are calibration measurements (not available products to users).



### 2.3 Summary of missing occultations (red segments in previous plot)

UTC start time	Star name	Star ID	Orbit
18-JUL-2011 00:36:55	The1Eri	157	49053

### 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_1PNPDE20110718_000118_000000503104_00332_49053_4521.N1	18-JUL-2011 00:01:18	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	49053	No
2	GOM_TRA_1PNPDE20110718_000633_000000633104_00332_49053_4522.N1	18-JUL-2011 00:06:33	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	49053	No
3	GOM_TRA_1PNPDE20110718_000757_000000613104_00332_49053_4523.N1	18-JUL-2011 00:07:57	Bright	61.000	35	33Alp Per	1.7950	6250.0	122	49053	No
4	GOM_TRA_1PNPDE20110718_001055_000000463104_00332_49053_4524.N1	18-JUL-2011 00:10:55	Bright	46.000	79	26Bet Per	2.3100	13100.	92	49053	No
5	GOM_TRA_1PNPDE20110718_001355_000000473104_00332_49053_4525.N1	18-JUL-2011 00:13:55	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	49053	No
6	GOM_TRA_1PNPDE20110718_001634_000000473104_00332_49053_4526.N1	18-JUL-2011 00:16:34	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	49053	No
7	GOM_TRA_1PNPDE20110718_001809_000000413104_00332_49053_4527.N1	18-JUL-2011 00:18:09	Twilight	41.000	13	87Alp Tau	0.86700	3800.0	82	49053	No
8	GOM_TRA_1PNPDE20110718_002451_000000623104_00332_49053_4528.N1	18-JUL-2011 00:24:51	Dark	61.500	94	92Alp Cet	2.5260	3100.0	123	49053	No
9	GOM_TRA_1PNPDE20110718_002744_000000473104_00332_49053_4541.N1	18-JUL-2011 00:27:44	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	49053	No
10	GOM_TRA_1PNPDE20110718_004253_000000413104_00333_49054_4542.N1	18-JUL-2011 00:42:53	Dark	41.000	9	Alp Eri	0.45300	24000.	82	49054	No

11	GOM_TRA_1PNPDE20110718_004610_000000553104_00333_49054_4543.N1	18-JUL-2011 00:46:10	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	49054	No
12	GOM_TRA_1PNPDE20110718_005018_000000403104_00333_49054_4544.N1	18-JUL-2011 00:50:18	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	49054	No
13	GOM_TRA_1PNPDE20110718_005143_000000583104_00333_49054_4545.N1	18-JUL-2011 00:51:43	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	49054	No
14	GOM_TRA_1PNPDE20110718_005315_000000483104_00333_49054_4546.N1	18-JUL-2011 00:53:15	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49054	No
15	GOM_TRA_1PNPDE20110718_005627_000000513104_00333_49054_4547.N1	18-JUL-2011 00:56:27	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49054	No
16	GOM_TRA_1PNPDE20110718_010512_000000393104_00333_49054_4548.N1	18-JUL-2011 01:05:12	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	49054	No
17	GOM_TRA_1PNPDE20110718_011535_000000393104_00333_49054_4549.N1	18-JUL-2011 01:15:35	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	49054	No
18	GOM_TRA_1PNPDE20110718_012237_000000443104_00333_49054_4550.N1	18-JUL-2011 01:22:37	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	49054	No
19	GOM_TRA_1PNPDE20110718_012537_000000393104_00333_49054_4551.N1	18-JUL-2011 01:25:37	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	49054	No
20	GOM_TRA_1PNPDE20110718_012743_000000493104_00333_49054_4552.N1	18-JUL-2011 01:27:43	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	49054	No
21	GOM_TRA_1PNPDE20110718_013243_000000453104_00333_49054_4553.N1	18-JUL-2011 01:32:43	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	49054	No
22	GOM_TRA_1PNPDE20110718_014131_000000483104_00333_49054_4554.N1	18-JUL-2011 01:41:31	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49054	No
23	GOM_TRA_1PNPDE20110718_014647_000000483104_00333_49054_4555.N1	18-JUL-2011 01:46:47	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49054	No
24	GOM_TRA_1PNPDE20110718_014811_000000553104_00333_49054_4556.N1	18-JUL-2011 01:48:11	Bright	55.000	35	33Alp Per	1.7950	6250.0	110	49054	No
25	GOM_TRA_1PNPDE20110718_015109_000000483104_00333_49054_4557.N1	18-JUL-2011 01:51:09	Bright	47.500	79	26Bet Per	2.3100	13100.	95	49054	No
26	GOM_TRA_1PNPDE20110718_015410_000000463104_00333_49054_4558.N1	18-JUL-2011 01:54:10	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49054	No
27	GOM_TRA_1PNPDE20110718_015648_000000463104_00333_49054_4559.N1	18-JUL-2011 01:56:48	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49054	No
28	GOM_TRA_1PNPDE20110718_015823_000000413104_00333_49054_4560.N1	18-JUL-2011 01:58:23	Twilight	41.000	13	87Alp Tau	0.86700	3800.0	82	49054	No
29	GOM_TRA_1PNPDE20110718_020505_000000633104_00333_49054_4567.N1	18-JUL-2011 02:05:05	Dark	62.500	94	92Alp Cet	2.5260	3100.0	125	49054	Yes
30	GOM_TRA_1PNPDE20110718_020759_000000443104_00333_49054_4568.N1	18-JUL-2011 02:07:59	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	49054	No
31	GOM_TRA_1PNPDE20110718_021703_000000423104_00333_49054_4569.N1	18-JUL-2011 02:17:03	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49054	No
32	GOM_TRA_1PNPDE20110718_022307_000000513104_00334_49055_4570.N1	18-JUL-2011 02:23:07	Dark	50.500	9	Alp Eri	0.45300	24000.	101	49055	No
33	GOM_TRA_1PNPDE20110718_022625_000000543104_00334_49055_4571.N1	18-JUL-2011 02:26:25	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49055	No
34	GOM_TRA_1PNPDE20110718_023032_000000423104_00334_49055_4572.N1	18-JUL-2011 02:30:32	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	49055	No
35	GOM_TRA_1PNPDE20110718_023158_000000553104_00334_49055_4573.N1	18-JUL-2011 02:31:58	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	49055	No
36	GOM_TRA_1PNPDE20110718_023329_000000473104_00334_49055_4574.N1	18-JUL-2011 02:33:29	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49055	No
37	GOM_TRA_1PNPDE20110718_023642_000000513104_00334_49055_4575.N1	18-JUL-2011 02:36:42	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49055	No
38	GOM_TRA_1PNPDE20110718_024526_000000393104_00334_49055_4576.N1	18-JUL-2011 02:45:26	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	49055	No
39	GOM_TRA_1PNPDE20110718_025549_000000393104_00334_49055_4577.N1	18-JUL-2011 02:55:49	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	49055	No
40	GOM_TRA_1PNPDE20110718_030251_000000373104_00334_49055_4578.N1	18-JUL-2011 03:02:51	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	49055	No
41	GOM_TRA_1PNPDE20110718_030551_000000413104_00334_49055_4579.N1	18-JUL-2011 03:05:51	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49055	No
42	GOM_TRA_1PNPDE20110718_030756_000000453104_00334_49055_4580.N1	18-JUL-2011 03:07:56	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	49055	No
43	GOM_TRA_1PNPDE20110718_031257_000000413104_00334_49055_4581.N1	18-JUL-2011 03:12:57	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49055	No
44	GOM_TRA_1PNPDE20110718_032145_000000473104_00334_49055_4611.N1	18-JUL-2011 03:21:45	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49055	No
45	GOM_TRA_1PNPDE20110718_032701_000000443104_00334_49055_4612.N1	18-JUL-2011 03:27:01	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	49055	No
46	GOM_TRA_1PNPDE20110718_032825_000000433104_00334_49055_4613.N1	18-JUL-2011 03:28:25	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	49055	No
47	GOM_TRA_1PNPDE20110718_033123_000000483104_00334_49055_4614.N1	18-JUL-2011 03:31:23	Bright	48.000	79	26Bet Per	2.3100	13100.	96	49055	No
48	GOM_TRA_1PNPDE20110718_033424_000000453104_00334_49055_4615.N1	18-JUL-2011 03:34:24	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	49055	No
49	GOM_TRA_1PNPDE20110718_033702_000000433104_00334_49055_4616.N1	18-JUL-2011 03:37:02	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	49055	No
50	GOM_TRA_1PNPDE20110718_033838_000000483104_00334_49055_4617.N1	18-JUL-2011 03:38:38	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	49055	No
51	GOM_TRA_1PNPDE20110718_034520_000000623104_00334_49055_4618.N1	18-JUL-2011 03:45:20	Dark	62.000	94	92Alp Cet	2.5260	3100.0	124	49055	No
52	GOM_TRA_1PNPDE20110718_034813_000000503104_00334_49055_4619.N1	18-JUL-2011 03:48:13	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49055	No
53	GOM_TRA_1PNPDE20110718_035718_000000433104_00334_49055_4620.N1	18-JUL-2011 03:57:18	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49055	No
54	GOM_TRA_1PNPDE20110718_040322_000000453104_00335_49056_4621.N1	18-JUL-2011 04:03:22	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49056	No
55	GOM_TRA_1PNPDE20110718_040641_000000563104_00335_49056_4622.N1	18-JUL-2011 04:06:41	Dark	55.500	84	Alp Phe	2.3970	4500.0	111	49056	No
56	GOM_TRA_1PNPDE20110718_041047_000000433104_00335_49056_4623.N1	18-JUL-2011 04:10:47	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	49056	No
57	GOM_TRA_1PNPDE20110718_041213_000000513104_00335_49056_4624.N1	18-JUL-2011 04:12:13	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	49056	No
58	GOM_TRA_1PNPDE20110718_041344_000000463104_00335_49056_4625.N1	18-JUL-2011 04:13:44	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49056	No
59	GOM_TRA_1PNPDE20110718_041656_000000513104_00335_49056_4626.N1	18-JUL-2011 04:16:56	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	49056	No
60	GOM_TRA_1PNPDE20110718_042540_000000383104_00335_49056_4627.N1	18-JUL-2011 04:25:40	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	49056	No
61	GOM_TRA_1PNPDE20110718_043603_000000383104_00335_49056_4628.N1	18-JUL-2011 04:36:03	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	49056	No
62	GOM_TRA_1PNPDE20110718_044305_000000473104_00335_49056_4629.N1	18-JUL-2011 04:43:05	Bright	47.000	5	3Alp Lyr	0.033000	11000.	94	49056	No
63	GOM_TRA_1PNPDE20110718_044604_000000413104_00335_49056_4630.N1	18-JUL-2011 04:46:04	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	49056	No
64	GOM_TRA_1PNPDE20110718_044809_000000493104_00335_49056_4631.N1	18-JUL-2011 04:48:09	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	49056	No
65	GOM_TRA_1PNPDE20110718_045310_000000443104_00335_49056_4632.N1	18-JUL-2011 04:53:10	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49056	No
66	GOM_TRA_1PNPDE20110718_050158_000000473104_00335_49056_4647.N1	18-JUL-2011 05:01:58	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49056	No
67	GOM_TRA_1PNPDE20110718_050715_000000433104_00335_49056_4648.N1	18-JUL-2011 05:07:15	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	49056	No
68	GOM_TRA_1PNPDE20110718_050839_000000443104_00335_49056_4649.N1	18-JUL-2011 05:08:39	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	49056	No
69	GOM_TRA_1PNPDE20110718_051137_000000473104_00335_49056_4650.N1	18-JUL-2011 05:11:37	Bright	46.500	79	26Bet Per	2.3100	13100.	93	49056	No

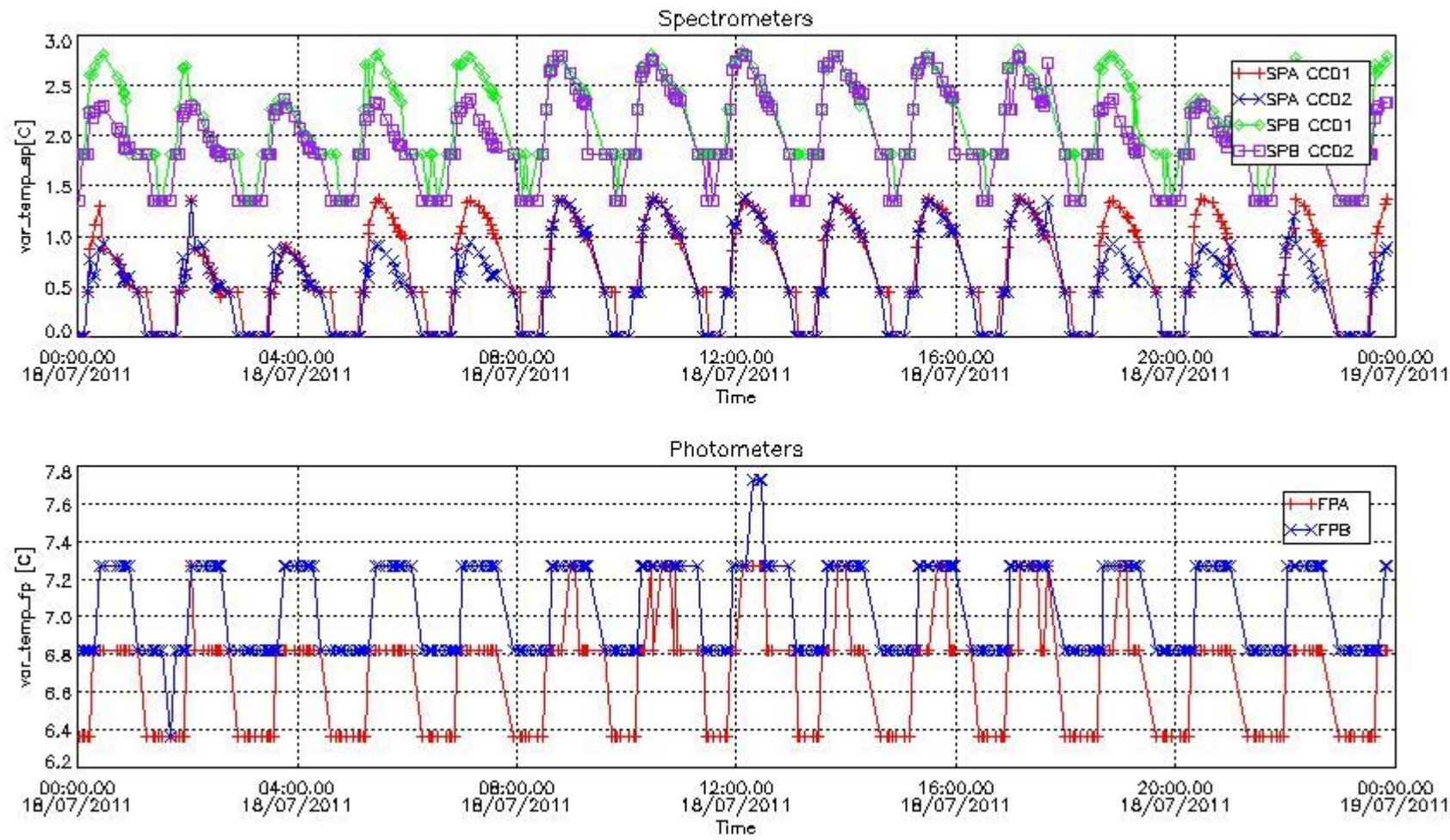
70	GOM_TRA_1PNPDE20110718_051438_000000473104_00335_49056_4651.N1	18-JUL-2011 05:14:38	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	49056	No
71	GOM_TRA_1PNPDE20110718_051717_000000453104_00335_49056_4652.N1	18-JUL-2011 05:17:17	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49056	No
72	GOM_TRA_1PNPDE20110718_051852_000000463104_00335_49056_4653.N1	18-JUL-2011 05:18:52	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	49056	No
73	GOM_TRA_1PNPDE20110718_052535_000000613104_00335_49056_4654.N1	18-JUL-2011 05:25:35	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	49056	No
74	GOM_TRA_1PNPDE20110718_052828_000000473104_00335_49056_4655.N1	18-JUL-2011 05:28:28	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	49056	No
75	GOM_TRA_1PNPDE20110718_053733_000000423104_00335_49056_4656.N1	18-JUL-2011 05:37:33	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49056	No
76	GOM_TRA_1PNPDE20110718_054337_000000423104_00336_49057_4657.N1	18-JUL-2011 05:43:37	Dark	41.500	9	Alp Eri	0.45300	24000.	83	49057	No
77	GOM_TRA_1PNPDE20110718_054656_000000533104_00336_49057_4658.N1	18-JUL-2011 05:46:56	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	49057	No
78	GOM_TRA_1PNPDE20110718_055101_000000413104_00336_49057_4659.N1	18-JUL-2011 05:51:01	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	49057	No
79	GOM_TRA_1PNPDE20110718_055228_000000533104_00336_49057_4660.N1	18-JUL-2011 05:52:28	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	49057	No
80	GOM_TRA_1PNPDE20110718_055359_000000493104_00336_49057_4661.N1	18-JUL-2011 05:53:59	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	49057	No
81	GOM_TRA_1PNPDE20110718_055711_000000503104_00336_49057_4662.N1	18-JUL-2011 05:57:11	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	49057	No
82	GOM_TRA_1PNPDE20110718_060554_000000393104_00336_49057_4663.N1	18-JUL-2011 06:05:54	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	49057	No
83	GOM_TRA_1PNPDE20110718_061617_000000383104_00336_49057_4664.N1	18-JUL-2011 06:16:17	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	49057	No
84	GOM_TRA_1PNPDE20110718_062319_000000403104_00336_49057_4665.N1	18-JUL-2011 06:23:19	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	49057	No
85	GOM_TRA_1PNPDE20110718_062618_000000413104_00336_49057_4666.N1	18-JUL-2011 06:26:18	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49057	No
86	GOM_TRA_1PNPDE20110718_062823_000000493104_00336_49057_4667.N1	18-JUL-2011 06:28:23	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	49057	No
87	GOM_TRA_1PNPDE20110718_063324_000000423104_00336_49057_4668.N1	18-JUL-2011 06:33:24	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49057	No
88	GOM_TRA_1PNPDK20110718_064212_000000483104_00336_49057_7381.N1	18-JUL-2011 06:42:12	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49057	No
89	GOM_TRA_1PNPDK20110718_064728_000000553104_00336_49057_7382.N1	18-JUL-2011 06:47:28	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	49057	No
90	GOM_TRA_1PNPDK20110718_064853_000000433104_00336_49057_7383.N1	18-JUL-2011 06:48:53	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	49057	No
91	GOM_TRA_1PNPDK20110718_065151_000000483104_00336_49057_7384.N1	18-JUL-2011 06:51:51	Bright	48.000	79	26Bet Per	2.3100	13100.	96	49057	No
92	GOM_TRA_1PNPDK20110718_065452_000000453104_00336_49057_7385.N1	18-JUL-2011 06:54:52	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	49057	No
93	GOM_TRA_1PNPDK20110718_065731_000000443104_00336_49057_7386.N1	18-JUL-2011 06:57:31	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	49057	No
94	GOM_TRA_1PNPDK20110718_065906_000000463104_00336_49057_7387.N1	18-JUL-2011 06:59:06	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	49057	No
95	GOM_TRA_1PNPDK20110718_070550_000000633104_00336_49057_7388.N1	18-JUL-2011 07:05:50	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	49057	No
96	GOM_TRA_1PNPDK20110718_070843_000000493104_00336_49057_7389.N1	18-JUL-2011 07:08:43	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	49057	No
97	GOM_TRA_1PNPDK20110718_071747_000000433104_00336_49057_7390.N1	18-JUL-2011 07:17:47	Dark	42.500	157	The1Eri	2.9060	9300.0	85	49057	No
98	GOM_TRA_1PNPDK20110718_072351_000000543104_00337_49058_7391.N1	18-JUL-2011 07:23:51	Dark	53.500	9	Alp Eri	0.45300	24000.	107	49058	No
99	GOM_TRA_1PNPDK20110718_072711_000000533104_00337_49058_7392.N1	18-JUL-2011 07:27:11	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	49058	No
100	GOM_TRA_1PNPDK20110718_073116_000000413104_00337_49058_7393.N1	18-JUL-2011 07:31:16	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	49058	No
101	GOM_TRA_1PNPDK20110718_073243_000000643104_00337_49058_7394.N1	18-JUL-2011 07:32:43	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	49058	No
102	GOM_TRA_1PNPDK20110718_073414_000000473104_00337_49058_7395.N1	18-JUL-2011 07:34:14	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49058	No
103	GOM_TRA_1PNPDK20110718_073726_000000503104_00337_49058_7396.N1	18-JUL-2011 07:37:26	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	49058	No
104	GOM_TRA_1PNPDK20110718_075631_000000403104_00337_49058_7398.N1	18-JUL-2011 07:56:31	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	49058	No
105	GOM_TRA_1PNPDK20110718_080333_000000393104_00337_49058_7399.N1	18-JUL-2011 08:03:33	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	49058	No
106	GOM_TRA_1PNPDK20110718_080632_000000423104_00337_49058_7400.N1	18-JUL-2011 08:06:32	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49058	No
107	GOM_TRA_1PNPDK20110718_080836_000000493104_00337_49058_7401.N1	18-JUL-2011 08:08:36	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	49058	No
108	GOM_TRA_1PNPDK20110718_081337_000000443104_00337_49058_7402.N1	18-JUL-2011 08:13:37	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	49058	No
109	GOM_TRA_1PNPDK20110718_082225_000000643104_00337_49058_7403.N1	18-JUL-2011 08:22:25	Bright	63.500	76	27Gam Cas	2.3000	30000.	127	49058	No
110	GOM_TRA_1PNPDK20110718_082742_000000633104_00337_49058_7404.N1	18-JUL-2011 08:27:42	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	49058	No
111	GOM_TRA_1PNPDK20110718_082906_000000443104_00337_49058_7405.N1	18-JUL-2011 08:29:06	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	49058	No
112	GOM_TRA_1PNPDK20110718_083205_000000483104_00337_49058_7406.N1	18-JUL-2011 08:32:05	Bright	48.000	79	26Bet Per	2.3100	13100.	96	49058	No
113	GOM_TRA_1PNPDK20110718_083506_000000453104_00337_49058_7407.N1	18-JUL-2011 08:35:06	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	49058	No
114	GOM_TRA_1PNPDK20110718_083745_000000463104_00337_49058_7408.N1	18-JUL-2011 08:37:45	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	49058	No
115	GOM_TRA_1PNPDK20110718_083921_000000473104_00337_49058_7409.N1	18-JUL-2011 08:39:21	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	49058	No
116	GOM_TRA_1PNPDK20110718_084605_000000633104_00337_49058_7410.N1	18-JUL-2011 08:46:05	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	49058	No
117	GOM_TRA_1PNPDK20110718_084857_000000503104_00337_49058_7411.N1	18-JUL-2011 08:48:57	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49058	No
118	GOM_TRA_1PNPDK20110718_085802_000000423104_00337_49058_7412.N1	18-JUL-2011 08:58:02	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49058	No
119	GOM_TRA_1PNPDK20110718_090406_000000573104_00338_49059_7413.N1	18-JUL-2011 09:04:06	Dark	56.500	9	Alp Eri	0.45300	24000.	113	49059	No
120	GOM_TRA_1PNPDK20110718_090726_000000523104_00338_49059_7414.N1	18-JUL-2011 09:07:26	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	49059	No
121	GOM_TRA_1PNPDK20110718_091130_000000413104_00338_49059_7415.N1	18-JUL-2011 09:11:30	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	49059	No
122	GOM_TRA_1PNPDK20110718_091258_000000553104_00338_49059_7416.N1	18-JUL-2011 09:12:58	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	49059	No
123	GOM_TRA_1PNPDK20110718_091428_000000483104_00338_49059_7417.N1	18-JUL-2011 09:14:28	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49059	No
124	GOM_TRA_1PNPDK20110718_091741_000000523104_00338_49059_7418.N1	18-JUL-2011 09:17:41	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	49059	No
125	GOM_TRA_1PNPDK20110718_093645_000000383104_00338_49059_7420.N1	18-JUL-2011 09:36:45	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	49059	No
126	GOM_TRA_1PNPDK20110718_094347_000000373104_00338_49059_7421.N1	18-JUL-2011 09:43:47	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	49059	No
127	GOM_TRA_1PNPDK20110718_094645_000000433104_00338_49059_7422.N1	18-JUL-2011 09:46:45	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49059	No
128	GOM_TRA_1PNPDK20110718_094849_000000483104_00338_49059_7423.N1	18-JUL-2011 09:48:49	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	49059	No

129	GOM_TRA_1PNPDK20110718_095350_000000423104_00338_49059_7424.N1	18-JUL-2011 09:53:50	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49059	No
130	GOM_TRA_1PNPDK20110718_100238_000000503104_00338_49059_7425.N1	18-JUL-2011 10:02:38	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	49059	No
131	GOM_TRA_1PNPDK20110718_100756_000000433104_00338_49059_7426.N1	18-JUL-2011 10:07:56	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	49059	No
132	GOM_TRA_1PNPDK20110718_100920_000000423104_00338_49059_7427.N1	18-JUL-2011 10:09:20	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	49059	No
133	GOM_TRA_1PNPDK20110718_101219_000000493104_00338_49059_7428.N1	18-JUL-2011 10:12:19	Bright	49.000	79	26Bet Per	2.3100	13100.	98	49059	No
134	GOM_TRA_1PNPDK20110718_101520_000000453104_00338_49059_7429.N1	18-JUL-2011 10:15:20	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	49059	No
135	GOM_TRA_1PNPDK20110718_101759_000000433104_00338_49059_7430.N1	18-JUL-2011 10:17:59	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	49059	No
136	GOM_TRA_1PNPDK20110718_101935_000000453104_00338_49059_7431.N1	18-JUL-2011 10:19:35	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	49059	No
137	GOM_TRA_1PNPDK20110718_102620_000000633104_00338_49059_7432.N1	18-JUL-2011 10:26:20	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	49059	No
138	GOM_TRA_1PNPDK20110718_102912_000000493104_00338_49059_7433.N1	18-JUL-2011 10:29:12	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	49059	No
139	GOM_TRA_1PNPDK20110718_103817_000000433104_00338_49059_7434.N1	18-JUL-2011 10:38:17	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49059	No
140	GOM_TRA_1PNPDK20110718_104420_000000513104_00339_49060_7435.N1	18-JUL-2011 10:44:20	Dark	50.500	9	Alp Eri	0.45300	24000.	101	49060	No
141	GOM_TRA_1PNPDK20110718_104741_000000553104_00339_49060_7436.N1	18-JUL-2011 10:47:41	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	49060	No
142	GOM_TRA_1PNPDK20110718_105145_000000413104_00339_49060_7437.N1	18-JUL-2011 10:51:45	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	49060	No
143	GOM_TRA_1PNPDK20110718_105312_000000543104_00339_49060_7438.N1	18-JUL-2011 10:53:12	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	49060	No
144	GOM_TRA_1PNPDK20110718_105443_000000493104_00339_49060_7439.N1	18-JUL-2011 10:54:43	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	49060	No
145	GOM_TRA_1PNPDK20110718_105755_000000493104_00339_49060_7440.N1	18-JUL-2011 10:57:55	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	49060	No
146	GOM_TRA_1PNPDK20110718_111659_000000383104_00339_49060_7434.N1	18-JUL-2011 11:16:59	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	49060	No
147	GOM_TRA_1PNPDK20110718_112401_000000383104_00339_49060_7435.N1	18-JUL-2011 11:24:01	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	49060	No
148	GOM_TRA_1PNPDK20110718_112659_000000413104_00339_49060_7436.N1	18-JUL-2011 11:26:59	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49060	No
149	GOM_TRA_1PNPDK20110718_112902_000000493104_00339_49060_7437.N1	18-JUL-2011 11:29:02	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	49060	No
150	GOM_TRA_1PNPDK20110718_113404_000000423104_00339_49060_7438.N1	18-JUL-2011 11:34:04	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49060	No
151	GOM_TRA_1PNPDK20110718_114252_000000473104_00339_49060_7439.N1	18-JUL-2011 11:42:52	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49060	No
152	GOM_TRA_1PNPDK20110718_114810_000000433104_00339_49060_7440.N1	18-JUL-2011 11:48:10	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	49060	No
153	GOM_TRA_1PNPDK20110718_114934_000000453104_00339_49060_7441.N1	18-JUL-2011 11:49:34	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	49060	No
154	GOM_TRA_1PNPDK20110718_115233_000000483104_00339_49060_7442.N1	18-JUL-2011 11:52:33	Bright	47.500	79	26Bet Per	2.3100	13100.	95	49060	No
155	GOM_TRA_1PNPDK20110718_115534_000000473104_00339_49060_7443.N1	18-JUL-2011 11:55:34	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	49060	No
156	GOM_TRA_1PNPDK20110718_115813_000000483104_00339_49060_7444.N1	18-JUL-2011 11:58:13	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	49060	No
157	GOM_TRA_1PNPDK20110718_115949_000000453104_00339_49060_7445.N1	18-JUL-2011 11:59:49	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	49060	No
158	GOM_TRA_1PNPDK20110718_120635_000000633104_00339_49060_7446.N1	18-JUL-2011 12:06:35	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	49060	No
159	GOM_TRA_1PNPDK20110718_120926_000000483104_00339_49060_7447.N1	18-JUL-2011 12:09:26	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49060	No
160	GOM_TRA_1PNPDK20110718_121831_000000433104_00339_49060_7448.N1	18-JUL-2011 12:18:31	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49060	No
161	GOM_TRA_1PNPDK20110718_122435_000000443104_00340_49061_7449.N1	18-JUL-2011 12:24:35	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49061	No
162	GOM_TRA_1PNPDK20110718_122756_000000583104_00340_49061_7450.N1	18-JUL-2011 12:27:56	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	49061	No
163	GOM_TRA_1PNPDK20110718_123159_000000423104_00340_49061_7451.N1	18-JUL-2011 12:31:59	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	49061	No
164	GOM_TRA_1PNPDK20110718_123327_000000523104_00340_49061_7452.N1	18-JUL-2011 12:33:27	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	49061	No
165	GOM_TRA_1PNPDK20110718_123457_000000493104_00340_49061_7453.N1	18-JUL-2011 12:34:57	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	49061	No
166	GOM_TRA_1PNPDK20110718_123810_000000543104_00340_49061_7454.N1	18-JUL-2011 12:38:10	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	49061	No
167	GOM_TRA_1PNPDK20110718_125712_000000563104_00340_49061_7464.N1	18-JUL-2011 12:57:12	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	49061	No
168	GOM_TRA_1PNPDK20110718_130415_000000393104_00340_49061_7465.N1	18-JUL-2011 13:04:15	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	49061	No
169	GOM_TRA_1PNPDK20110718_130712_000000413104_00340_49061_7466.N1	18-JUL-2011 13:07:12	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	49061	No
170	GOM_TRA_1PNPDK20110718_130915_000000503104_00340_49061_7467.N1	18-JUL-2011 13:09:15	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	49061	No
171	GOM_TRA_1PNPDK20110718_131417_000000433104_00340_49061_7468.N1	18-JUL-2011 13:14:17	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49061	No
172	GOM_TRA_1PNPDK20110718_132305_000000553104_00340_49061_7469.N1	18-JUL-2011 13:23:05	Bright	54.500	76	27Gam Cas	2.3000	30000.	109	49061	No
173	GOM_TRA_1PNPDK20110718_132824_000000603104_00340_49061_7470.N1	18-JUL-2011 13:28:24	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	49061	No
174	GOM_TRA_1PNPDK20110718_132948_000000433104_00340_49061_7471.N1	18-JUL-2011 13:29:48	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	49061	No
175	GOM_TRA_1PNPDK20110718_133247_000000533104_00340_49061_7472.N1	18-JUL-2011 13:32:47	Bright	52.500	79	26Bet Per	2.3100	13100.	105	49061	No
176	GOM_TRA_1PNPDK20110718_133548_000000483104_00340_49061_7473.N1	18-JUL-2011 13:35:48	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	49061	No
177	GOM_TRA_1PNPDK20110718_133828_000000493104_00340_49061_7474.N1	18-JUL-2011 13:38:28	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	49061	No
178	GOM_TRA_1PNPDK20110718_134003_000000453104_00340_49061_7475.N1	18-JUL-2011 13:40:03	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	49061	No
179	GOM_TRA_1PNPDK20110718_134649_000000663104_00340_49061_7476.N1	18-JUL-2011 13:46:49	Dark	65.500	94	92Alp Cet	2.5260	3100.0	131	49061	No
180	GOM_TRA_1PNPDK20110718_134941_000000483104_00340_49061_7477.N1	18-JUL-2011 13:49:41	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49061	No
181	GOM_TRA_1PNPDK20110718_135846_000000433104_00340_49061_7478.N1	18-JUL-2011 13:58:46	Dark	42.500	157	The1Eri	2.9060	9300.0	85	49061	No
182	GOM_TRA_1PNPDK20110718_140450_000000443104_00341_49062_7479.N1	18-JUL-2011 14:04:50	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49062	No
183	GOM_TRA_1PNPDK20110718_140811_000000553104_00341_49062_7480.N1	18-JUL-2011 14:08:11	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	49062	No
184	GOM_TRA_1PNPDK20110718_141214_000000413104_00341_49062_7481.N1	18-JUL-2011 14:12:14	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	49062	No
185	GOM_TRA_1PNPDK20110718_141342_000000503104_00341_49062_7482.N1	18-JUL-2011 14:13:42	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	49062	No
186	GOM_TRA_1PNPDK20110718_141512_000000463104_00341_49062_7483.N1	18-JUL-2011 14:15:12	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	49062	No
187	GOM_TRA_1PNPDK20110718_141824_000000513104_00341_49062_7484.N1	18-JUL-2011 14:18:24	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	49062	No

188	GOM_TRA_1PNPDK20110718_143727_000000393104_00341_49062_7481.N1	18-JUL-2011 14:37:27	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49062	No
189	GOM_TRA_1PNPDK20110718_144429_000000393104_00341_49062_7482.N1	18-JUL-2011 14:44:29	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	49062	No
190	GOM_TRA_1PNPDK20110718_144726_000000413104_00341_49062_7483.N1	18-JUL-2011 14:47:26	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	49062	No
191	GOM_TRA_1PNPDK20110718_144929_000000503104_00341_49062_7484.N1	18-JUL-2011 14:49:29	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	49062	No
192	GOM_TRA_1PNPDK20110718_145431_000000403104_00341_49062_7485.N1	18-JUL-2011 14:54:31	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49062	No
193	GOM_TRA_1PNPDK20110718_150319_000000473104_00341_49062_7486.N1	18-JUL-2011 15:03:19	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49062	No
194	GOM_TRA_1PNPDK20110718_150837_000000433104_00341_49062_7487.N1	18-JUL-2011 15:08:37	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	49062	No
195	GOM_TRA_1PNPDK20110718_151002_000000623104_00341_49062_7488.N1	18-JUL-2011 15:10:02	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	49062	No
196	GOM_TRA_1PNPDK20110718_151300_000000523104_00341_49062_7489.N1	18-JUL-2011 15:13:00	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49062	No
197	GOM_TRA_1PNPDK20110718_151603_000000473104_00341_49062_7490.N1	18-JUL-2011 15:16:03	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	49062	No
198	GOM_TRA_1PNPDK20110718_151842_000000483104_00341_49062_7491.N1	18-JUL-2011 15:18:42	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	49062	No
199	GOM_TRA_1PNPDK20110718_152017_000000563104_00341_49062_7492.N1	18-JUL-2011 15:20:17	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	49062	No
200	GOM_TRA_1PNPDK20110718_152704_000000633104_00341_49062_7493.N1	18-JUL-2011 15:27:04	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	49062	No
201	GOM_TRA_1PNPDK20110718_152955_000000473104_00341_49062_7494.N1	18-JUL-2011 15:29:55	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	49062	No
202	GOM_TRA_1PNPDK20110718_153901_000000433104_00341_49062_7495.N1	18-JUL-2011 15:39:01	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49062	No
203	GOM_TRA_1PNPDK20110718_154504_000000463104_00342_49063_7496.N1	18-JUL-2011 15:45:04	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49063	No
204	GOM_TRA_1PNPDK20110718_154827_000000533104_00342_49063_7497.N1	18-JUL-2011 15:48:27	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	49063	No
205	GOM_TRA_1PNPDK20110718_155228_000000423104_00342_49063_7498.N1	18-JUL-2011 15:52:28	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	49063	No
206	GOM_TRA_1PNPDK20110718_155357_000000533104_00342_49063_7499.N1	18-JUL-2011 15:53:57	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	49063	No
207	GOM_TRA_1PNPDK20110718_155527_000000463104_00342_49063_7500.N1	18-JUL-2011 15:55:27	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49063	No
208	GOM_TRA_1PNPDK20110718_155839_000000503104_00342_49063_7501.N1	18-JUL-2011 15:58:39	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49063	No
209	GOM_TRA_1PNPDK20110718_161740_000000393104_00342_49063_7507.N1	18-JUL-2011 16:17:40	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49063	No
210	GOM_TRA_1PNPDK20110718_162442_000000413104_00342_49063_7508.N1	18-JUL-2011 16:24:42	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	49063	No
211	GOM_TRA_1PNPDK20110718_162739_000000423104_00342_49063_7509.N1	18-JUL-2011 16:27:39	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49063	No
212	GOM_TRA_1PNPDK20110718_162942_000000703104_00342_49063_7510.N1	18-JUL-2011 16:29:42	Bright	70.000	19	50Alp Cyg	1.2460	10500.	140	49063	No
213	GOM_TRA_1PNPDK20110718_163444_000000423104_00342_49063_7511.N1	18-JUL-2011 16:34:44	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49063	No
214	GOM_TRA_1PNPDK20110718_164332_000000483104_00342_49063_7512.N1	18-JUL-2011 16:43:32	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49063	No
215	GOM_TRA_1PNPDK20110718_164851_000000633104_00342_49063_7513.N1	18-JUL-2011 16:48:51	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	49063	No
216	GOM_TRA_1PNPDK20110718_165016_000000473104_00342_49063_7514.N1	18-JUL-2011 16:50:16	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	49063	No
217	GOM_TRA_1PNPDK20110718_165315_000000503104_00342_49063_7515.N1	18-JUL-2011 16:53:15	Bright	49.500	79	26Bet Per	2.3100	13100.	99	49063	No
218	GOM_TRA_1PNPDK20110718_165617_000000483104_00342_49063_7516.N1	18-JUL-2011 16:56:17	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	49063	No
219	GOM_TRA_1PNPDK20110718_165856_000000473104_00342_49063_7517.N1	18-JUL-2011 16:58:56	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49063	No
220	GOM_TRA_1PNPDK20110718_170032_000000483104_00342_49063_7518.N1	18-JUL-2011 17:00:32	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	49063	No
221	GOM_TRA_1PNPDK20110718_170719_000000633104_00342_49063_7519.N1	18-JUL-2011 17:07:19	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	49063	No
222	GOM_TRA_1PNPDK20110718_171010_000000493104_00342_49063_7520.N1	18-JUL-2011 17:10:10	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	49063	No
223	GOM_TRA_1PNPDK20110718_171916_000000423104_00342_49063_7521.N1	18-JUL-2011 17:19:16	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49063	No
224	GOM_TRA_1PNPDK20110718_172519_000000453104_00343_49064_7522.N1	18-JUL-2011 17:25:19	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49064	No
225	GOM_TRA_1PNPDK20110718_172842_000000543104_00343_49064_7523.N1	18-JUL-2011 17:28:42	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49064	No
226	GOM_TRA_1PNPDK20110718_173243_000000423104_00343_49064_7524.N1	18-JUL-2011 17:32:43	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	49064	No
227	GOM_TRA_1PNPDK20110718_173411_000000493104_00343_49064_7525.N1	18-JUL-2011 17:34:11	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	49064	No
228	GOM_TRA_1PNPDK20110718_173542_000000463104_00343_49064_7526.N1	18-JUL-2011 17:35:42	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49064	No
229	GOM_TRA_1PNPDK20110718_173854_000000493104_00343_49064_7536.N1	18-JUL-2011 17:38:54	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	49064	Yes
230	GOM_TRA_1PNPDK20110718_175754_000000393104_00343_49064_7537.N1	18-JUL-2011 17:57:54	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49064	No
231	GOM_TRA_1PNPDK20110718_180456_000000383104_00343_49064_7538.N1	18-JUL-2011 18:04:56	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49064	No
232	GOM_TRA_1PNPDK20110718_180753_000000413104_00343_49064_7539.N1	18-JUL-2011 18:07:53	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	49064	No
233	GOM_TRA_1PNPDK20110718_180955_000000493104_00343_49064_7540.N1	18-JUL-2011 18:09:55	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	49064	No
234	GOM_TRA_1PNPDK20110718_181458_000000433104_00343_49064_7541.N1	18-JUL-2011 18:14:58	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49064	No
235	GOM_TRA_1PNPDK20110718_182346_000000483104_00343_49064_7542.N1	18-JUL-2011 18:23:46	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49064	No
236	GOM_TRA_1PNPDK20110718_182905_000000633104_00343_49064_7543.N1	18-JUL-2011 18:29:05	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	49064	No
237	GOM_TRA_1PNPDK20110718_183029_000000433104_00343_49064_7544.N1	18-JUL-2011 18:30:29	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	49064	No
238	GOM_TRA_1PNPDK20110718_183329_000000513104_00343_49064_7545.N1	18-JUL-2011 18:33:29	Bright	50.500	79	26Bet Per	2.3100	13100.	101	49064	No
239	GOM_TRA_1PNPDK20110718_183631_000000473104_00343_49064_7546.N1	18-JUL-2011 18:36:31	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	49064	No
240	GOM_TRA_1PNPDK20110718_183911_000000453104_00343_49064_7547.N1	18-JUL-2011 18:39:11	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	49064	No
241	GOM_TRA_1PNPDK20110718_184046_000000493104_00343_49064_7548.N1	18-JUL-2011 18:40:46	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	49064	No
242	GOM_TRA_1PNPDK20110718_184734_000000633104_00343_49064_7549.N1	18-JUL-2011 18:47:34	Dark	64.500	94	92Alp Cet	2.5260	3100.0	129	49064	No
243	GOM_TRA_1PNPDK20110718_185025_000000483104_00343_49064_7550.N1	18-JUL-2011 18:50:25	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49064	No
244	GOM_TRA_1PNPDK20110718_185930_000000433104_00343_49064_7551.N1	18-JUL-2011 18:59:30	Dark	42.500	157	The1Eri	2.9060	9300.0	85	49064	No
245	GOM_TRA_1PNPDK20110718_190533_000000463104_00344_49065_7552.N1	18-JUL-2011 19:05:33	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49065	No
246	GOM_TRA_1PNPDK20110718_190857_000000533104_00344_49065_7553.N1	18-JUL-2011 19:08:57	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	49065	No

247	GOM_TRA_1PNPDK20110718_191257_000000413104_00344_49065_7554.N1	18-JUL-2011 19:12:57	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	49065	No
248	GOM_TRA_1PNPDK20110718_191426_000000613104_00344_49065_7555.N1	18-JUL-2011 19:14:26	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	49065	No
249	GOM_TRA_1PNPDK20110718_191556_000000453104_00344_49065_7556.N1	18-JUL-2011 19:15:56	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49065	No
250	GOM_TRA_1PNPDK20110718_191908_000000513104_00344_49065_7575.N1	18-JUL-2011 19:19:08	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	49065	No
251	GOM_TRA_1PNPDK20110718_193808_000000523104_00344_49065_7576.N1	18-JUL-2011 19:38:08	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	49065	No
252	GOM_TRA_1PNPDK20110718_194510_000000373104_00344_49065_7577.N1	18-JUL-2011 19:45:10	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	49065	No
253	GOM_TRA_1PNPDK20110718_194806_000000423104_00344_49065_7578.N1	18-JUL-2011 19:48:06	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49065	No
254	GOM_TRA_1PNPDK20110718_195008_000000503104_00344_49065_7579.N1	18-JUL-2011 19:50:08	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	49065	No
255	GOM_TRA_1PNPDK20110718_195511_000000433104_00344_49065_7580.N1	18-JUL-2011 19:55:11	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49065	No
256	GOM_TRA_1PNPDK20110718_200359_000000483104_00344_49065_7581.N1	18-JUL-2011 20:03:59	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49065	No
257	GOM_TRA_1PNPDK20110718_200919_000000503104_00344_49065_7582.N1	18-JUL-2011 20:09:19	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	49065	No
258	GOM_TRA_1PNPDK20110718_201043_000000623104_00344_49065_7583.N1	18-JUL-2011 20:10:43	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	49065	No
259	GOM_TRA_1PNPDK20110718_201342_000000493104_00344_49065_7584.N1	18-JUL-2011 20:13:42	Bright	49.000	79	26Bet Per	2.3100	13100.	98	49065	No
260	GOM_TRA_1PNPDK20110718_201645_000000463104_00344_49065_7585.N1	18-JUL-2011 20:16:45	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49065	No
261	GOM_TRA_1PNPDK20110718_201925_000000463104_00344_49065_7586.N1	18-JUL-2011 20:19:25	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49065	No
262	GOM_TRA_1PNPDK20110718_202100_000000483104_00344_49065_7587.N1	18-JUL-2011 20:21:00	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	49065	No
263	GOM_TRA_1PNPDK20110718_202749_000000653104_00344_49065_7588.N1	18-JUL-2011 20:27:49	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	49065	No
264	GOM_TRA_1PNPDK20110718_203039_000000493104_00344_49065_7589.N1	18-JUL-2011 20:30:39	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	49065	No
265	GOM_TRA_1PNPDK20110718_203945_000000423104_00344_49065_7590.N1	18-JUL-2011 20:39:45	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49065	No
266	GOM_TRA_1PNPDK20110718_204548_000000543104_00345_49066_7591.N1	18-JUL-2011 20:45:48	Dark	54.000	9	Alp Eri	0.45300	24000.	108	49066	No
267	GOM_TRA_1PNPDK20110718_204912_000000543104_00345_49066_7592.N1	18-JUL-2011 20:49:12	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49066	No
268	GOM_TRA_1PNPDK20110718_205312_000000423104_00345_49066_7593.N1	18-JUL-2011 20:53:12	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	49066	No
269	GOM_TRA_1PNPDK20110718_205441_000000533104_00345_49066_7594.N1	18-JUL-2011 20:54:41	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	49066	No
270	GOM_TRA_1PNPDK20110718_205611_000000453104_00345_49066_7595.N1	18-JUL-2011 20:56:11	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49066	No
271	GOM_TRA_1PNPDE20110718_205923_000000503104_00345_49066_4816.N1	18-JUL-2011 20:59:23	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	49066	No
272	GOM_TRA_1PNPDE20110718_211822_000000393104_00345_49066_4817.N1	18-JUL-2011 21:18:22	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49066	No
273	GOM_TRA_1PNPDE20110718_212524_000000353104_00345_49066_4818.N1	18-JUL-2011 21:25:24	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	49066	No
274	GOM_TRA_1PNPDE20110718_212820_000000393104_00345_49066_4819.N1	18-JUL-2011 21:28:20	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	49066	No
275	GOM_TRA_1PNPDE20110718_213022_000000493104_00345_49066_4820.N1	18-JUL-2011 21:30:22	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	49066	No
276	GOM_TRA_1PNPDE20110718_213525_000000433104_00345_49066_4821.N1	18-JUL-2011 21:35:25	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49066	No
277	GOM_TRA_1PNPDE20110718_214412_000000483104_00345_49066_4822.N1	18-JUL-2011 21:44:12	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49066	No
278	GOM_TRA_1PNPDE20110718_214933_000000633104_00345_49066_4823.N1	18-JUL-2011 21:49:33	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	49066	No
279	GOM_TRA_1PNPDE20110718_215057_000000433104_00345_49066_4824.N1	18-JUL-2011 21:50:57	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	49066	No
280	GOM_TRA_1PNPDE20110718_215356_000000473104_00345_49066_4825.N1	18-JUL-2011 21:53:56	Bright	46.500	79	26Bet Per	2.3100	13100.	93	49066	No
281	GOM_TRA_1PNPDE20110718_215659_000000473104_00345_49066_4826.N1	18-JUL-2011 21:56:59	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	49066	No
282	GOM_TRA_1PNPDE20110718_215939_000000473104_00345_49066_4827.N1	18-JUL-2011 21:59:39	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49066	No
283	GOM_TRA_1PNPDE20110718_220114_000000473104_00345_49066_4828.N1	18-JUL-2011 22:01:14	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	49066	No
284	GOM_TRA_1PNPDE20110718_220804_000000673104_00345_49066_4829.N1	18-JUL-2011 22:08:04	Dark	67.000	94	92Alp Cet	2.5260	3100.0	134	49066	No
285	GOM_TRA_1PNPDE20110718_221054_000000483104_00345_49066_4845.N1	18-JUL-2011 22:10:54	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	49066	No
286	GOM_TRA_1PNPDE20110718_222000_000000423104_00345_49066_4846.N1	18-JUL-2011 22:20:00	Dark	41.500	157	The1Eri	2.9060	9300.0	83	49066	No
287	GOM_TRA_1PNPDE20110718_222603_000000443104_00346_49067_4847.N1	18-JUL-2011 22:26:03	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49067	No
288	GOM_TRA_1PNPDE20110718_222927_000000523104_00346_49067_4848.N1	18-JUL-2011 22:29:27	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	49067	No
289	GOM_TRA_1PNPDE20110718_223326_000000423104_00346_49067_4849.N1	18-JUL-2011 22:33:26	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	49067	No
290	GOM_TRA_1PNPDE20110718_223456_000000633104_00346_49067_4850.N1	18-JUL-2011 22:34:56	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	49067	No
291	GOM_TRA_1PNPDE20110718_223625_000000463104_00346_49067_4851.N1	18-JUL-2011 22:36:25	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49067	No
292	GOM_TRA_1PNPDE20110718_223938_000000503104_00346_49067_4852.N1	18-JUL-2011 22:39:38	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49067	No
293	GOM_TRA_1PNPDE20110718_225836_000000393104_00346_49067_4853.N1	18-JUL-2011 22:58:36	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49067	No
294	GOM_TRA_1PNPDE20110718_230538_000000373104_00346_49067_4854.N1	18-JUL-2011 23:05:38	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	49067	No
295	GOM_TRA_1PNPDE20110718_230834_000000423104_00346_49067_4855.N1	18-JUL-2011 23:08:34	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49067	No
296	GOM_TRA_1PNPDE20110718_231035_000000503104_00346_49067_4856.N1	18-JUL-2011 23:10:35	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	49067	No
297	GOM_TRA_1PNPDE20110718_231538_000000413104_00346_49067_4857.N1	18-JUL-2011 23:15:38	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49067	No
298	GOM_TRA_1PNPDE20110718_232426_000000493104_00346_49067_4858.N1	18-JUL-2011 23:24:26	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49067	No
299	GOM_TRA_1PNPDE20110718_232946_000000493104_00346_49067_4859.N1	18-JUL-2011 23:29:46	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	49067	No
300	GOM_TRA_1PNPDE20110718_233111_000000623104_00346_49067_4860.N1	18-JUL-2011 23:31:11	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	49067	No
301	GOM_TRA_1PNPDE20110718_233410_000000473104_00346_49067_4861.N1	18-JUL-2011 23:34:10	Bright	47.000	79	26Bet Per	2.3100	13100.	94	49067	No
302	GOM_TRA_1PNPDE20110718_233713_000000463104_00346_49067_4862.N1	18-JUL-2011 23:37:13	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	49067	No
303	GOM_TRA_1PNPDE20110718_233953_000000493104_00346_49067_4863.N1	18-JUL-2011 23:39:53	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	49067	No
304	GOM_TRA_1PNPDE20110718_234129_000000453104_00346_49067_4864.N1	18-JUL-2011 23:41:29	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	49067	No
305	GOM_TRA_1PNPDE20110718_234819_000000623104_00346_49067_4865.N1	18-JUL-2011 23:48:19	Dark	61.500	94	92Alp Cet	2.5260	3100.0	123	49067	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.

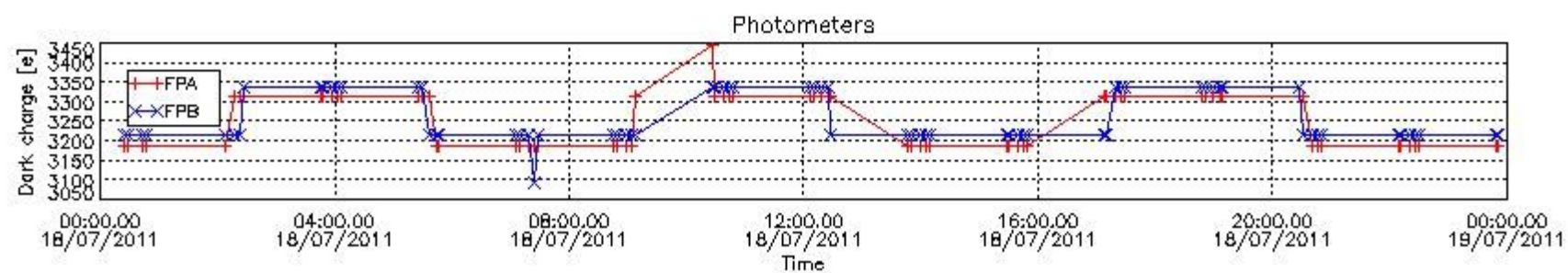
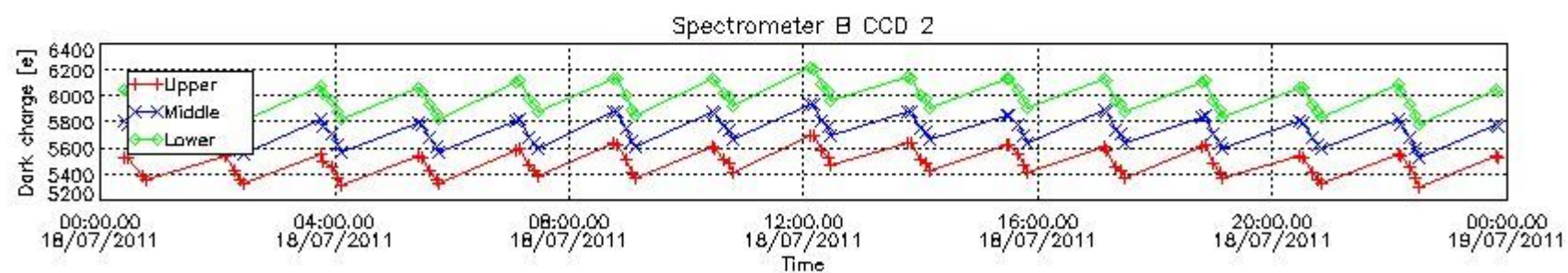
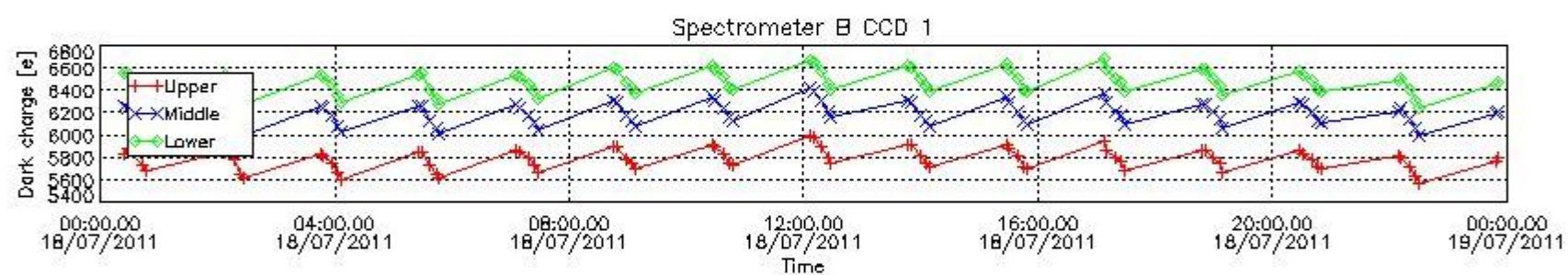
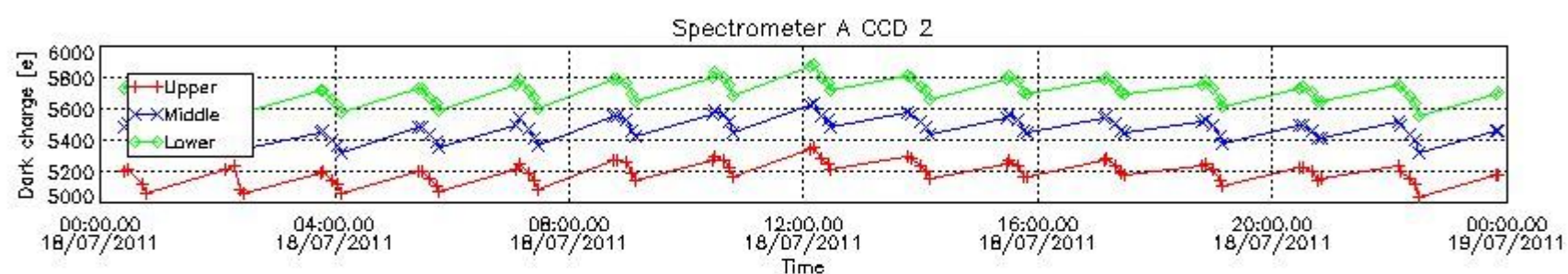
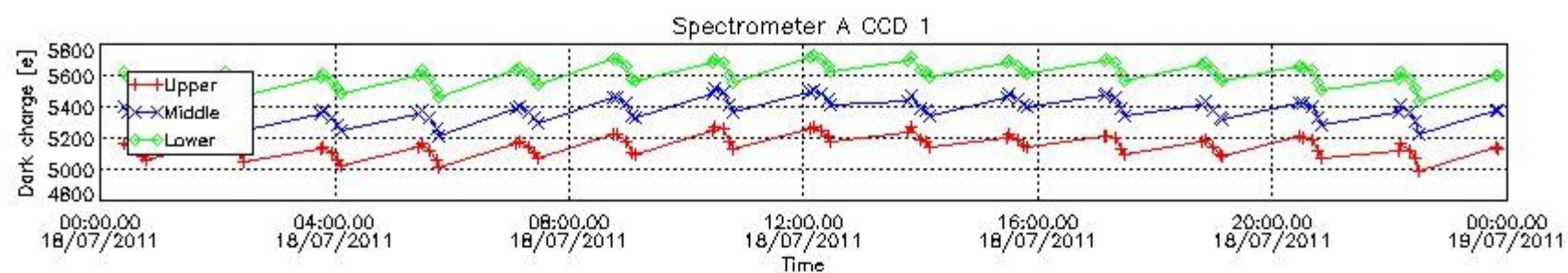
#### 4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDE20110718_205923_000000503104_00345_49066_4816.N1	DC map used
GOM_TRA_1PNPDE20110718_211822_000000393104_00345_49066_4817.N1	DC map used
GOM_TRA_1PNPDE20110718_212524_000000353104_00345_49066_4818.N1	DC map used
GOM_TRA_1PNPDE20110718_212820_000000393104_00345_49066_4819.N1	DC map used
GOM_TRA_1PNPDE20110718_213022_000000493104_00345_49066_4820.N1	DC map used
GOM_TRA_1PNPDE20110718_213525_000000433104_00345_49066_4821.N1	DC map used
GOM_TRA_1PNPDE20110718_214412_000000483104_00345_49066_4822.N1	DC map used
GOM_TRA_1PNPDE20110718_214933_000000633104_00345_49066_4823.N1	DC map used
GOM_TRA_1PNPDE20110718_215057_000000433104_00345_49066_4824.N1	DC map used



GOM_TRA_1PNPDE20110718_215356_000000473104_00345_49066_4825.N1	DC map used
GOM_TRA_1PNPDE20110718_215659_000000473104_00345_49066_4826.N1	DC map used
GOM_TRA_1PNPDE20110718_215939_000000473104_00345_49066_4827.N1	DC map used
GOM_TRA_1PNPDE20110718_220114_000000473104_00345_49066_4828.N1	DC map used
GOM_TRA_1PNPDE20110718_220804_000000673104_00345_49066_4829.N1	DC map used

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

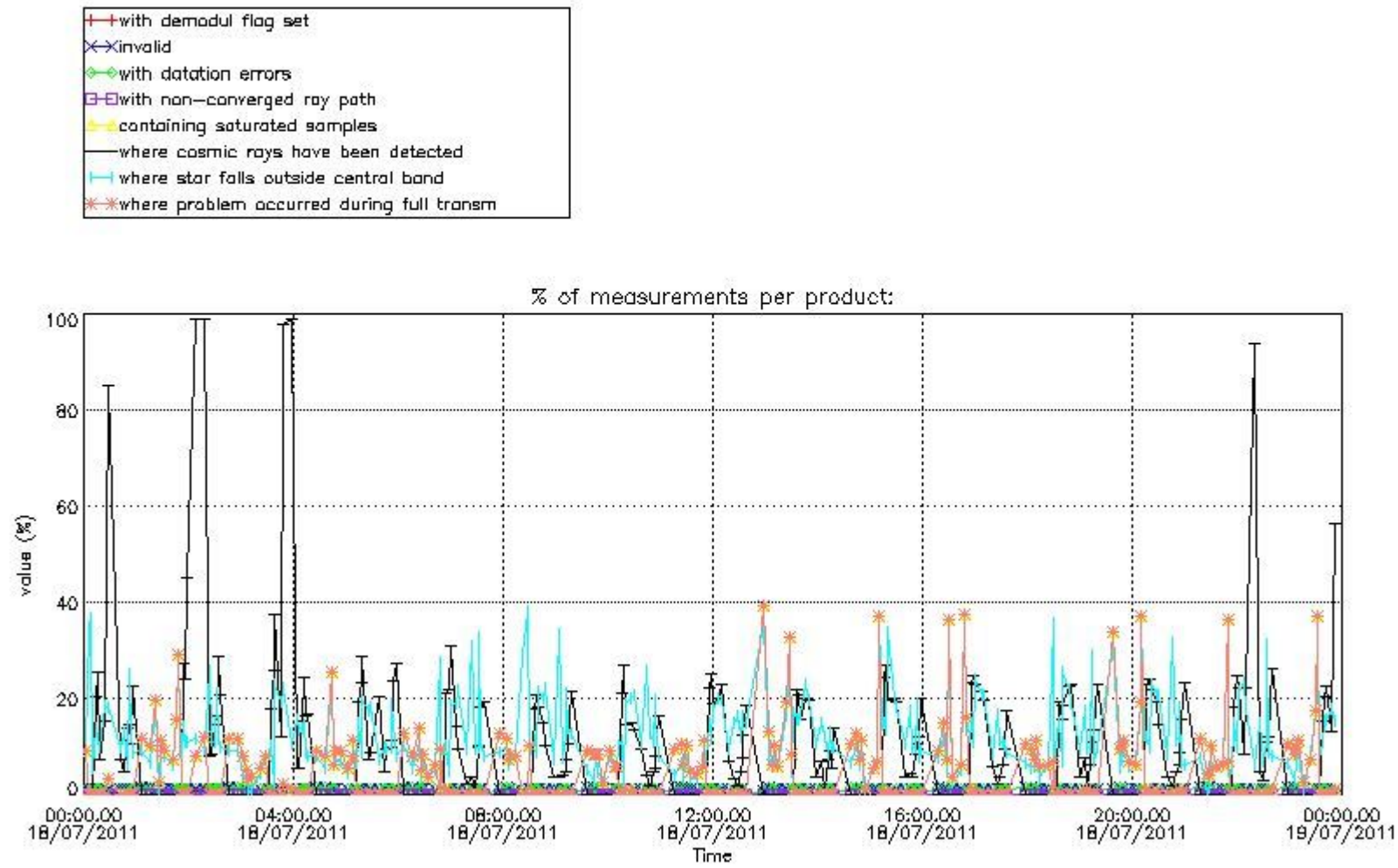


In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

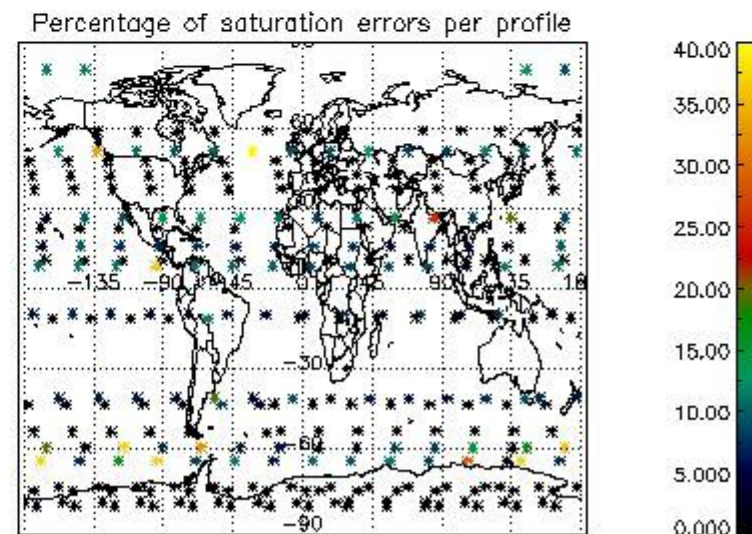
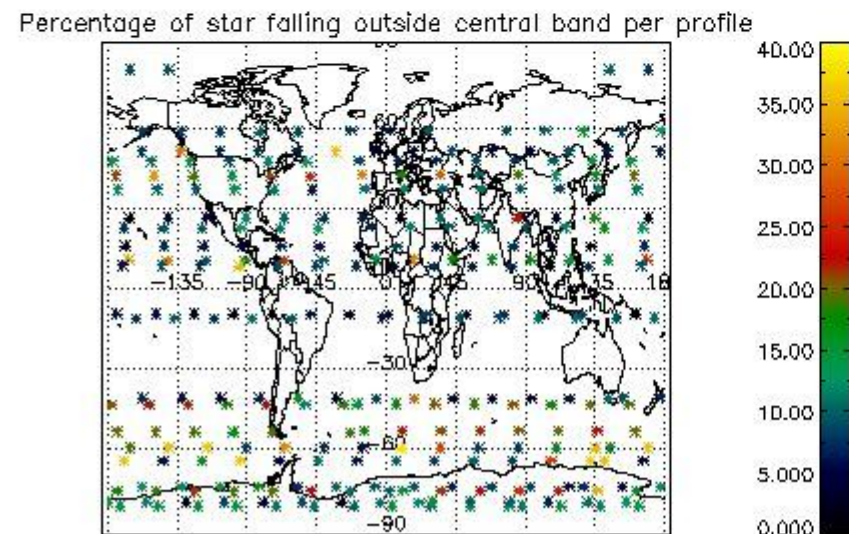
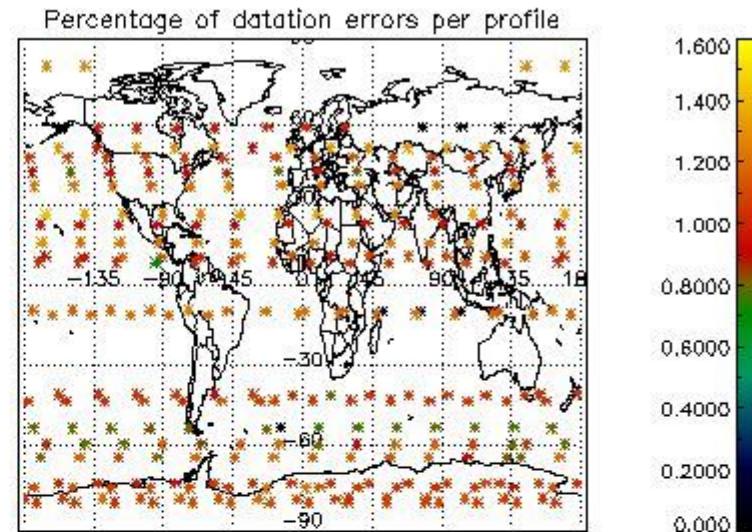
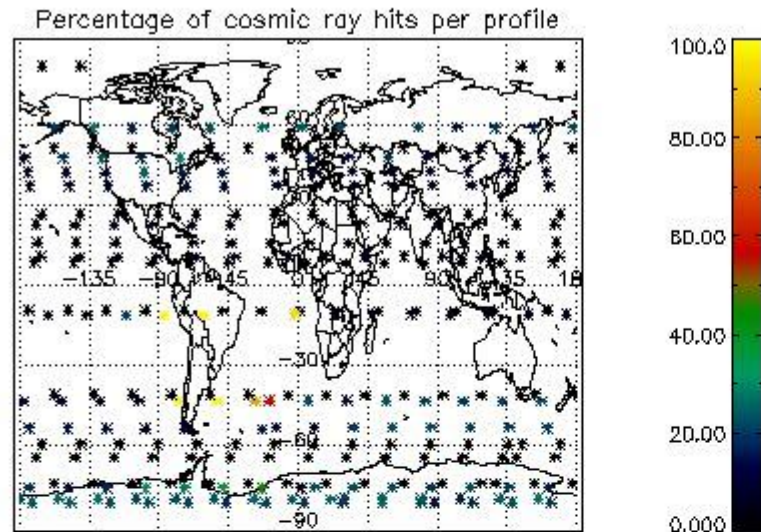
### 5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	50.6579 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	44.0789 %

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



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



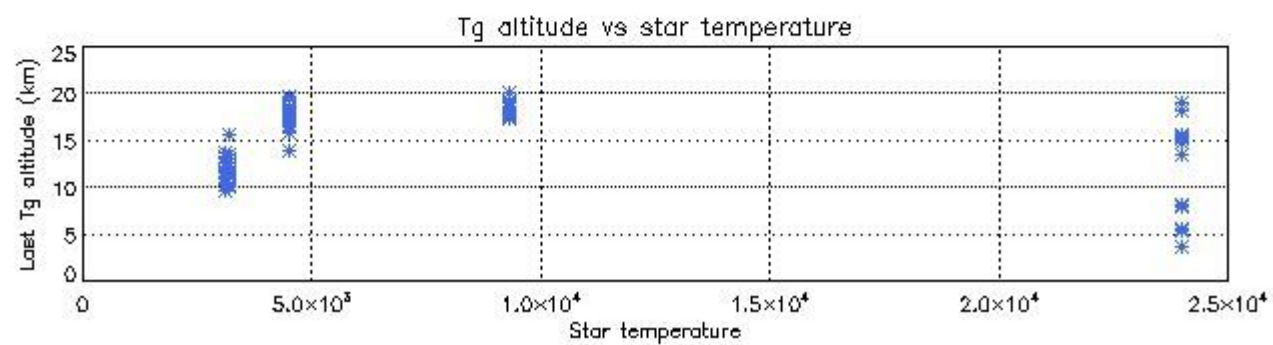
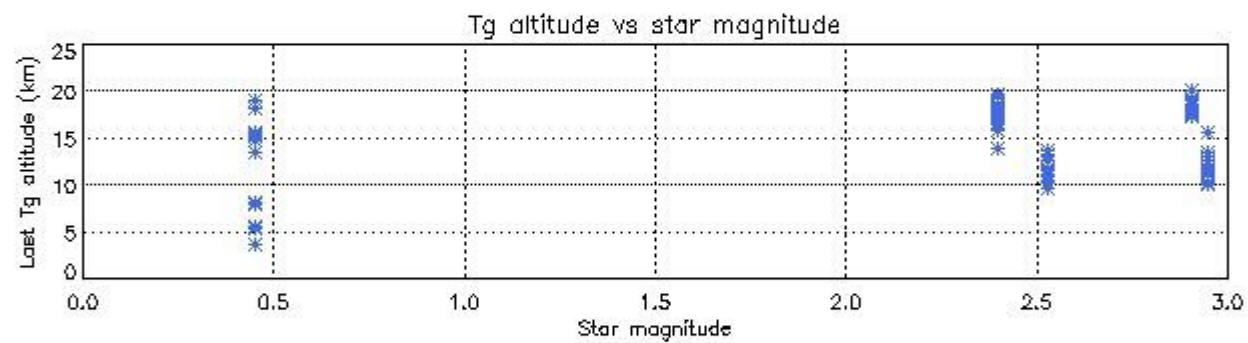
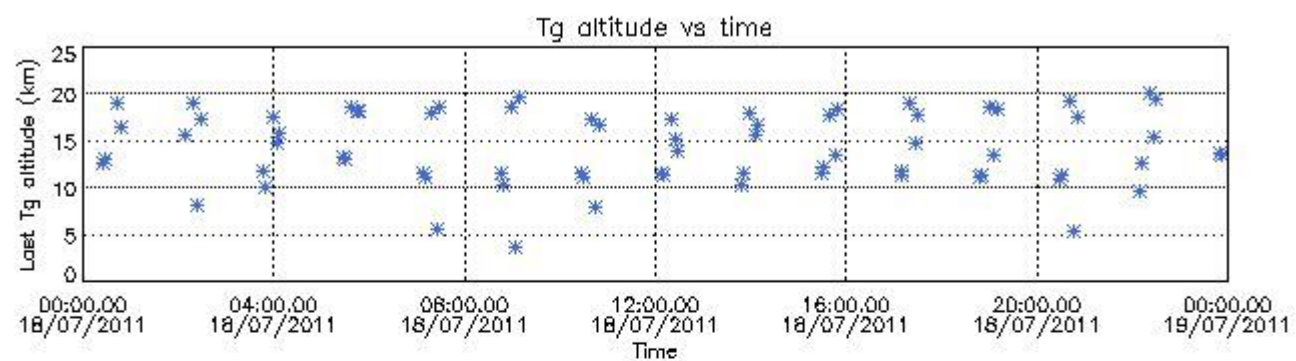
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.233	18.591	14.091
St. deviation:	3.8403	5.7704	4.0216
Maximum:	20.106	27.467	21.767
Minimum:	3.6514	2.6740	3.8523
Number of data:	70.000	134.00	30.000

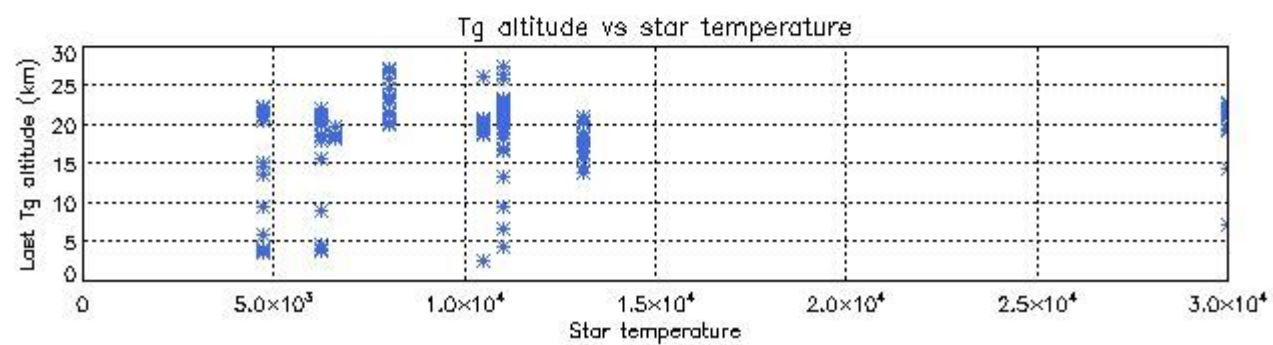
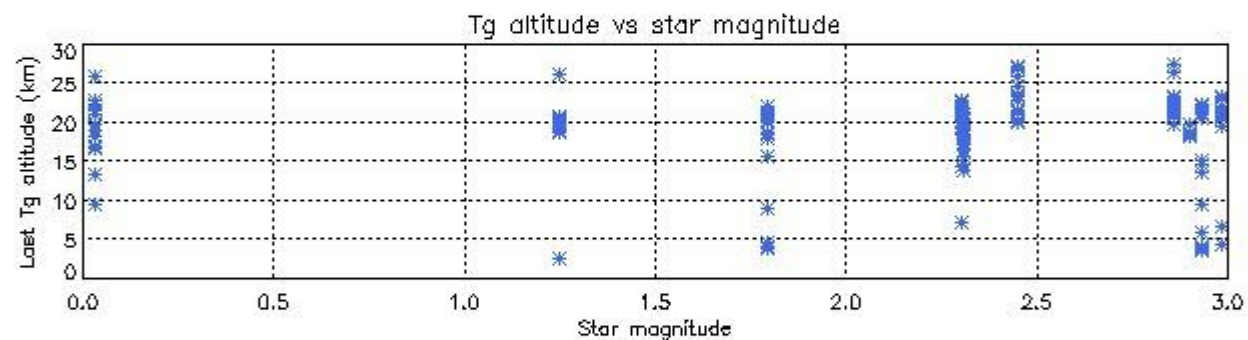
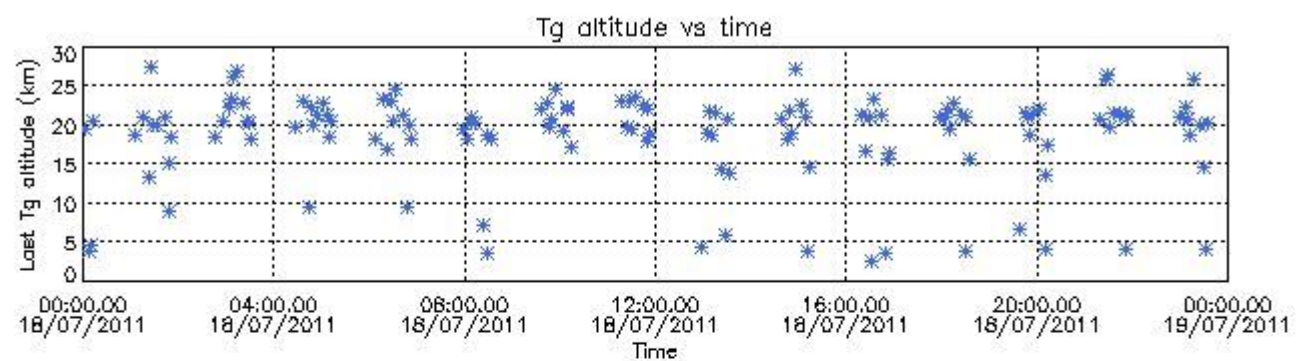
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



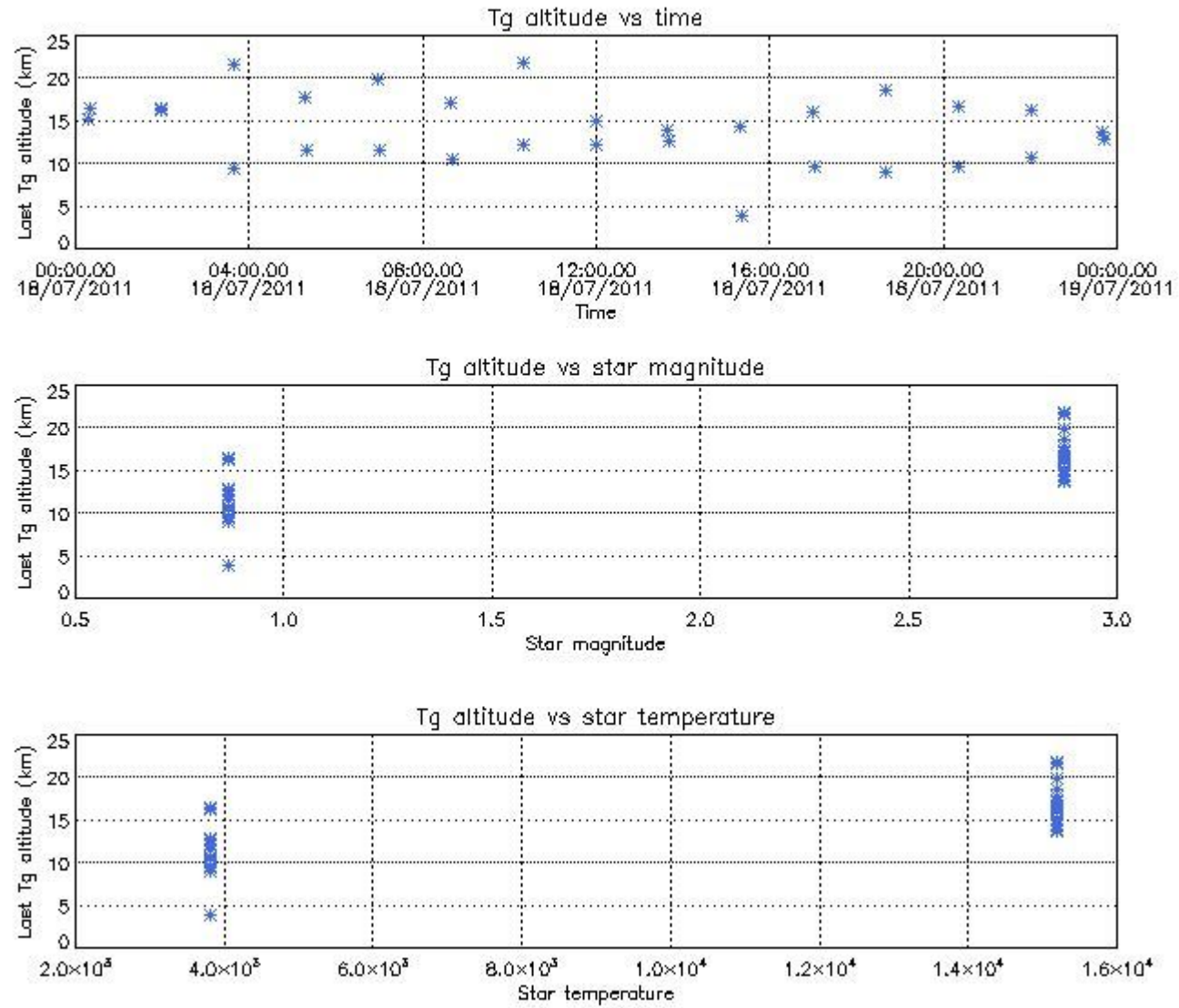
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

## Tangent altitude at which the star is lost

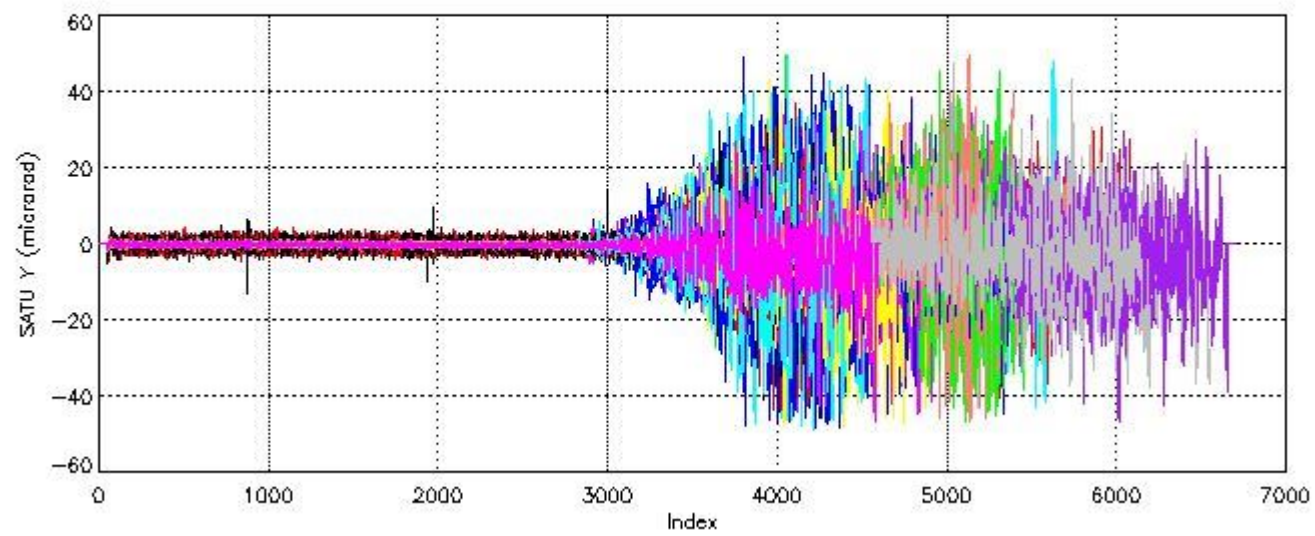
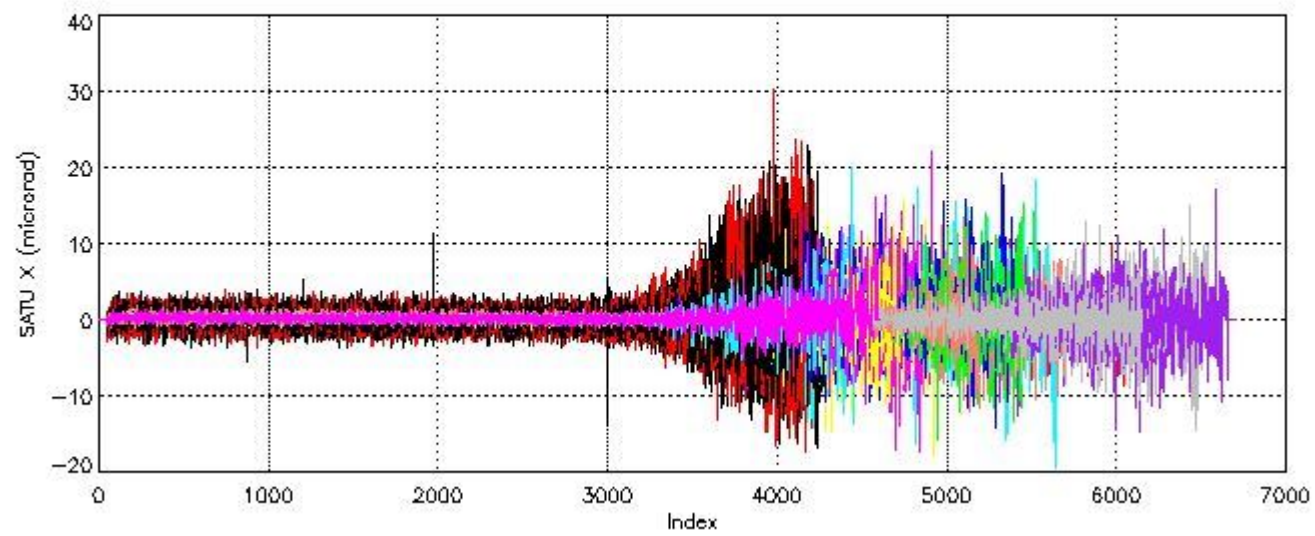


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.17781	-0.24816	0.21206	-0.25195
St. deviation:	0.42878	0.50477	0.81811	0.89834
Maximum:	3.9000	6.3000	6.6000	6.7000
Minimum:	-5.4000	-13.000	-6.0000	-7.1000

Number of data:	75700.	75700.	1.3755E+05	1.3755E+05
90Percentile:	0.70000	0.30000	1.2000	0.80000

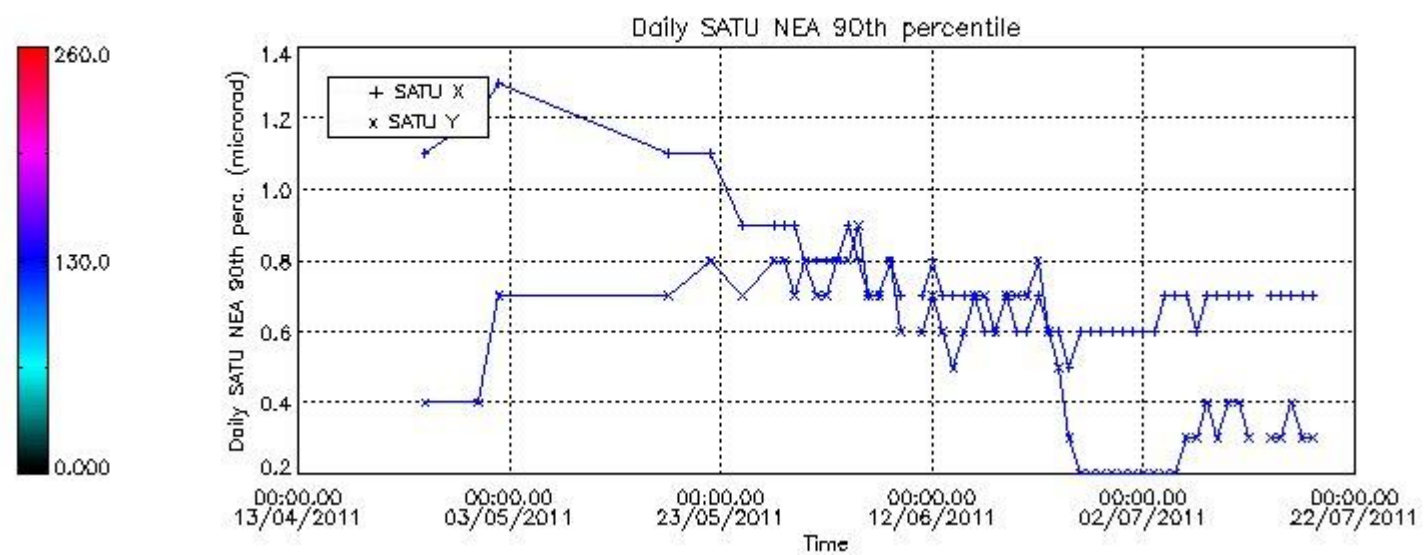
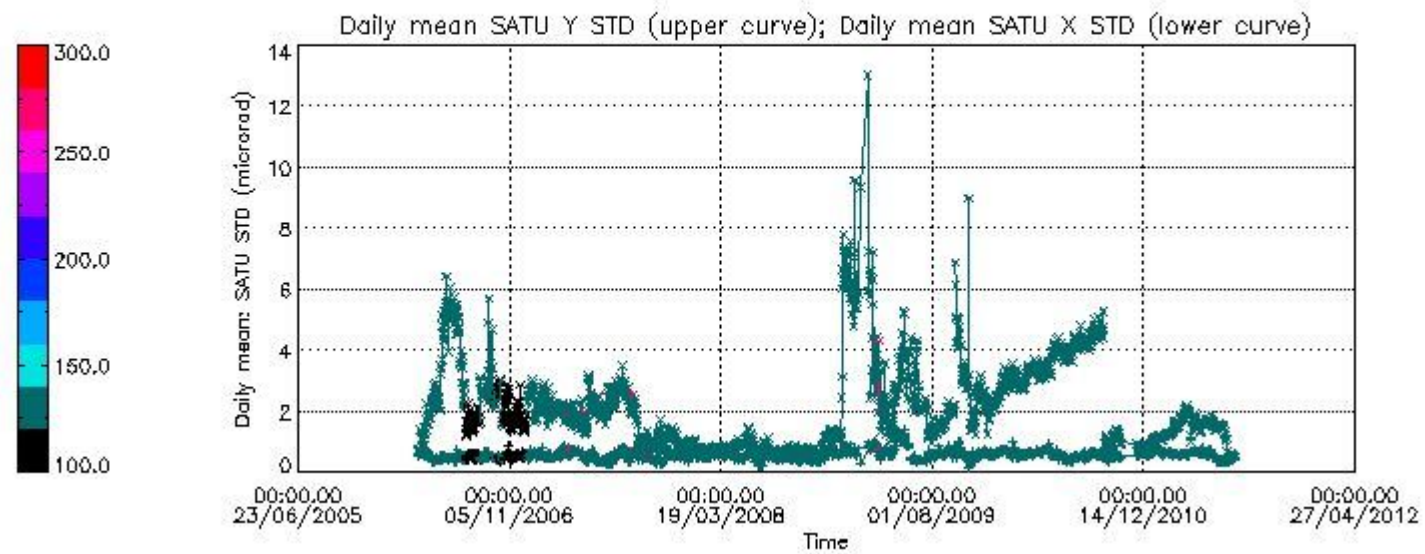
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

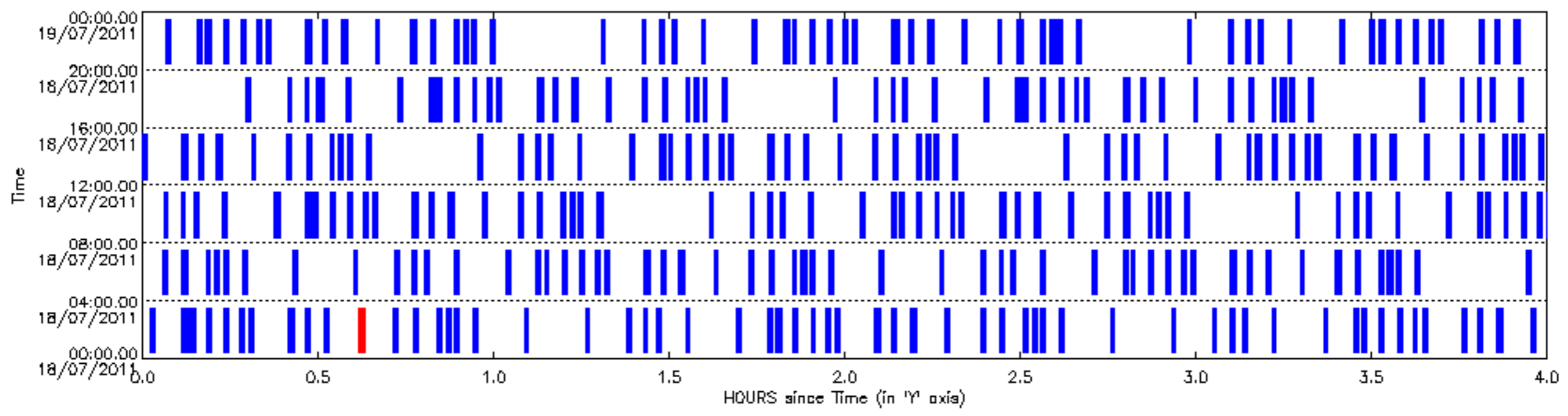


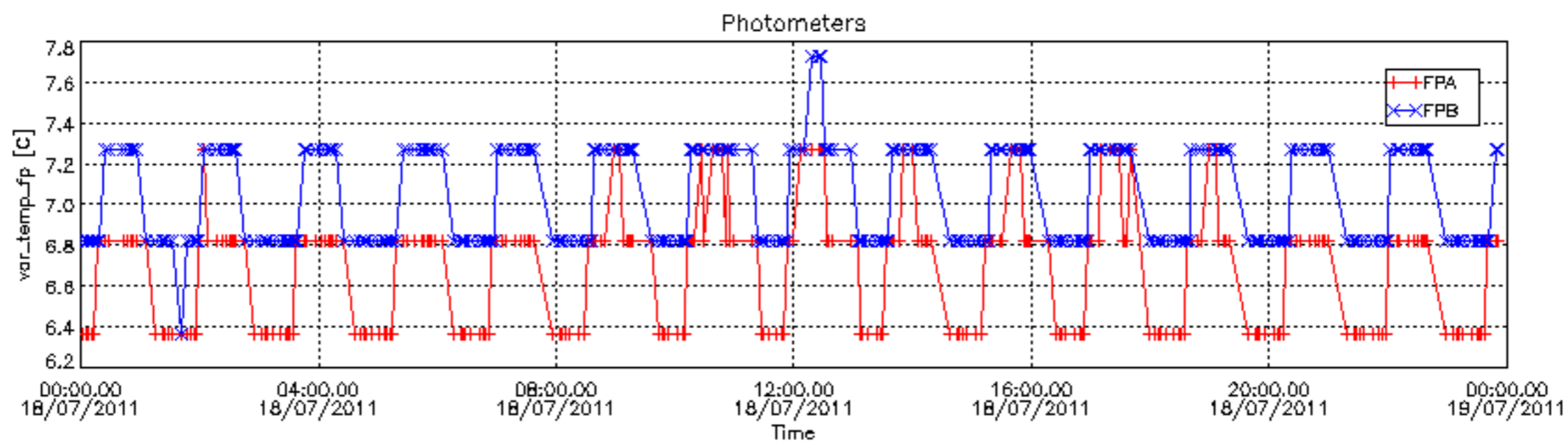
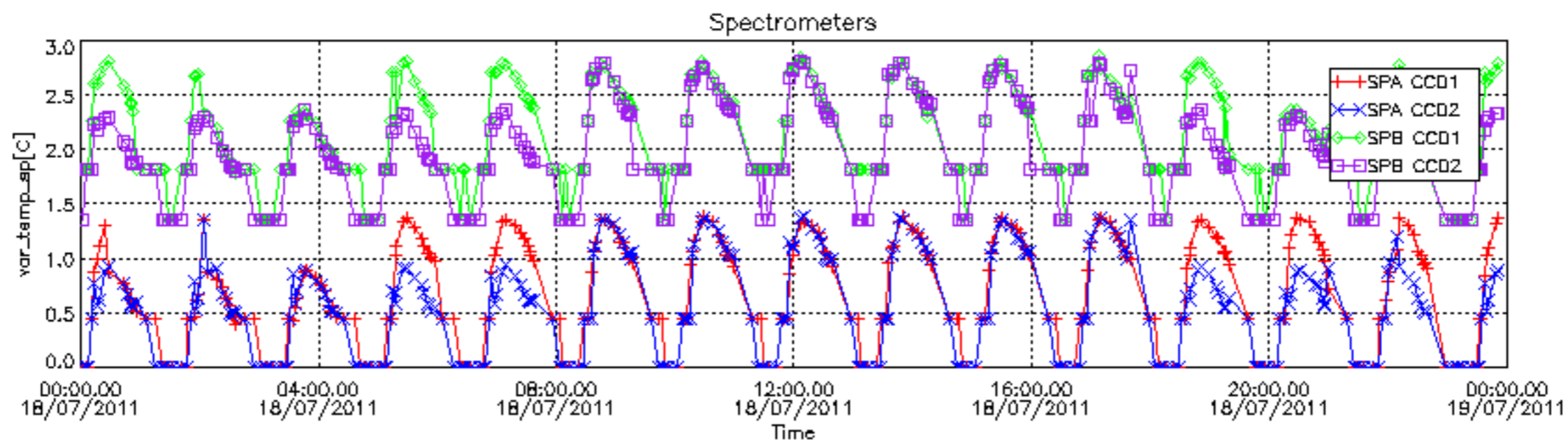
### 8. Auxiliary Data Files used for the production reported in section 2.4

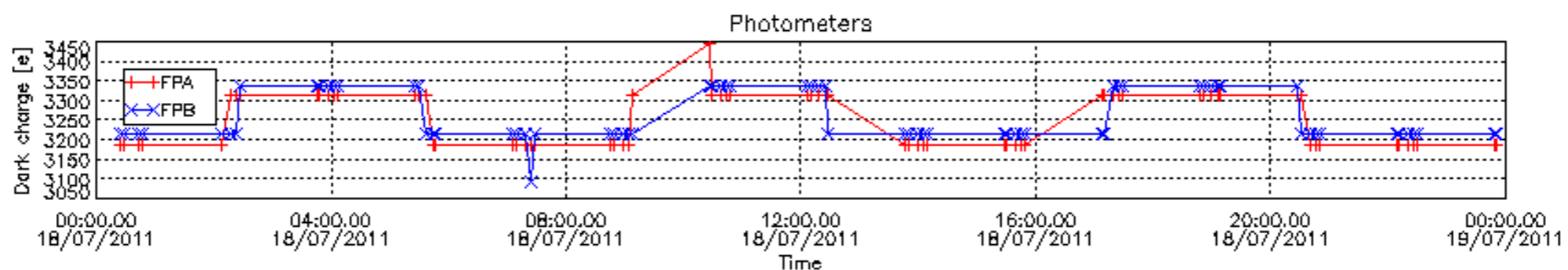
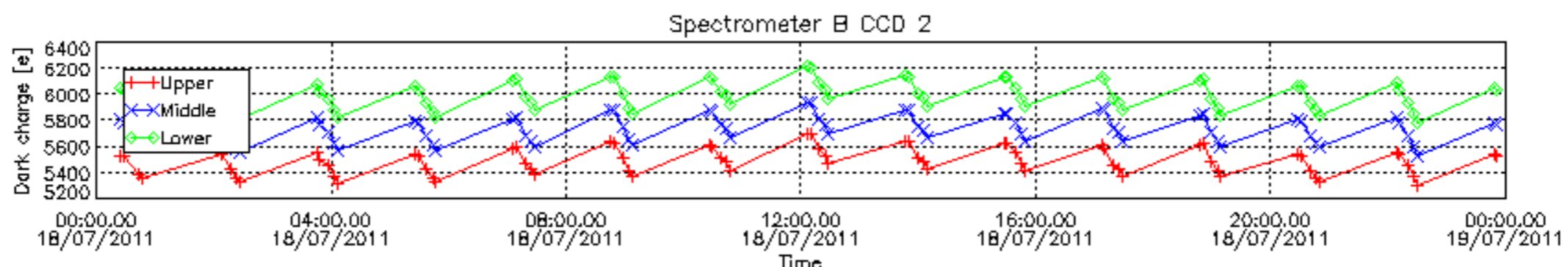
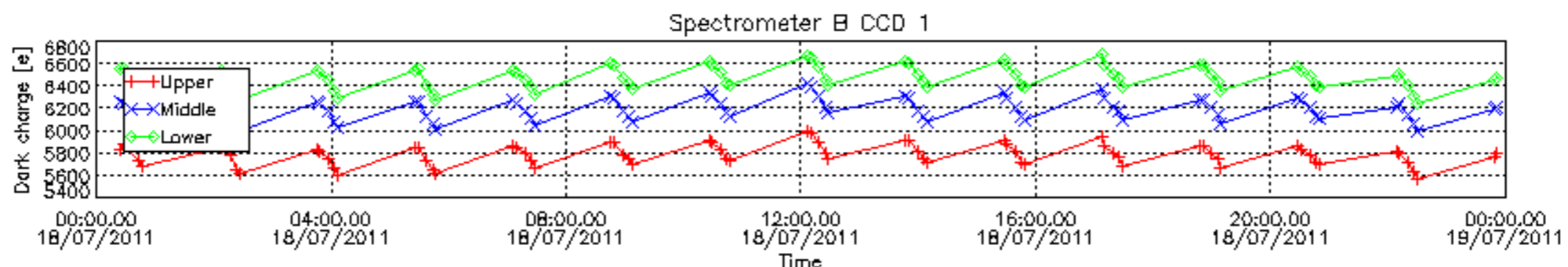
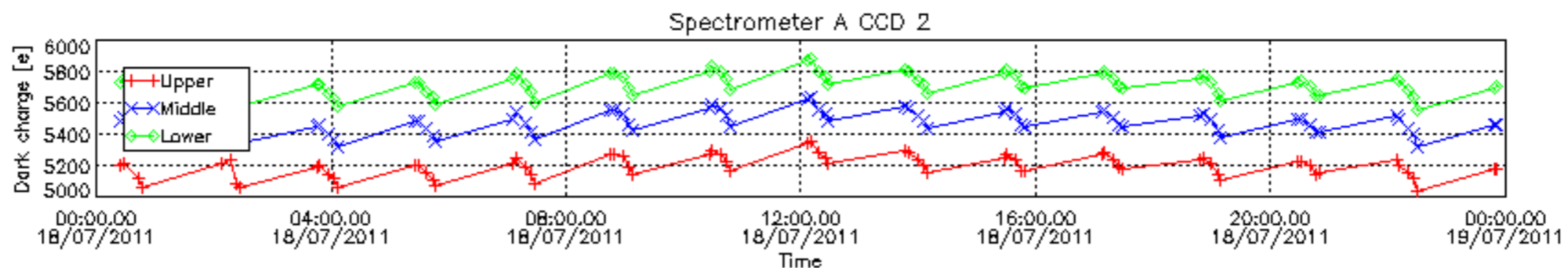
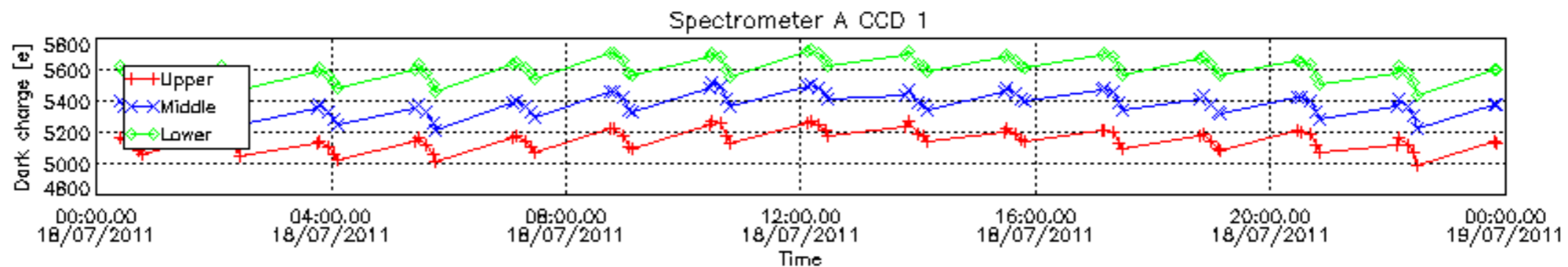
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

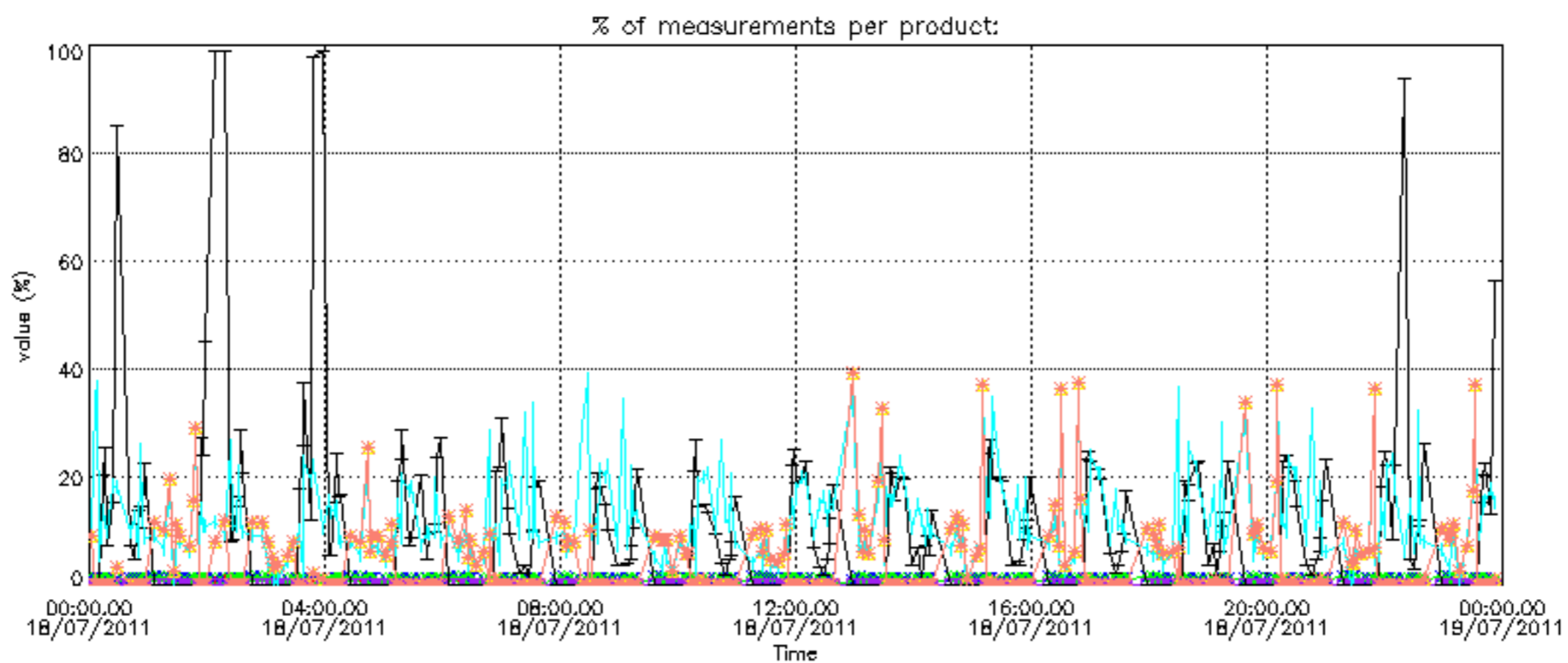
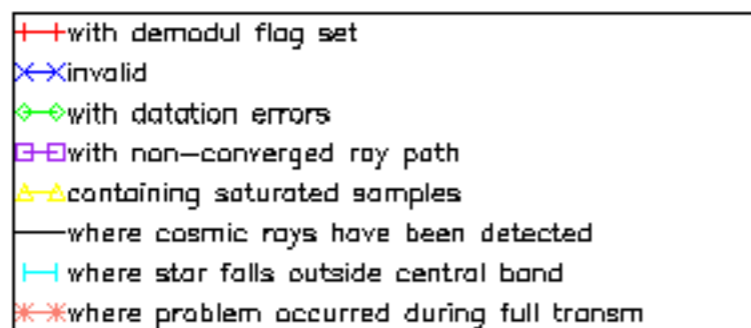


Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-JUL-2011 00:01:18
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110711_093848_20110709_000000_20500101_000000	1	18-JUL-2011 00:01:18
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110718_093638_20110717_000000_20500101_000000	188	18-JUL-2011 14:37:27
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	18-JUL-2011 00:01:18
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20110513_081743_20020301_000000_20500101_000000	88	18-JUL-2011 06:42:12
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	18-JUL-2011 00:01:18
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	18-JUL-2011 00:01:18
ECMWF_FILE	AUX_ECF_AXNECM20110717_062116_20110717_210000_20110718_090000	1	18-JUL-2011 00:01:18
ECMWF_FILE	AUX_ECF_AXNECM20110717_181957_20110718_030000_20110718_150000	44	18-JUL-2011 03:21:45
ECMWF_FILE	AUX_ECA_AXNECM20110718_055213_20110717_210000_20110718_090000	66	18-JUL-2011 05:01:58
ECMWF_FILE	MISSING	88	18-JUL-2011 06:42:12
ECMWF_FILE	AUX_ECF_AXNECM20110718_063213_20110718_090000_20110718_210000	188	18-JUL-2011 14:37:27
ECMWF_FILE	AUX_ECF_AXNECM20110718_063213_20110718_150000_20110719_030000	209	18-JUL-2011 16:17:40
ECMWF_FILE	AUX_ECA_AXNECM20110718_180551_20110718_090000_20110718_210000	250	18-JUL-2011 19:19:08
ECMWF_FILE	AUX_ECF_AXNECM20110718_063213_20110718_150000_20110719_030000	271	18-JUL-2011 20:59:23
ECMWF_FILE	AUX_ECF_AXNECM20110718_063213_20110718_210000_20110719_090000	285	18-JUL-2011 22:10:54
OPTIONAL_ECMWF_FILE	MISSING	1	18-JUL-2011 00:01:18
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110717_102113_20110716_183545_20110726_204933	1	18-JUL-2011 00:01:18
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110718_103211_20110717_193915_20110727_201249	188	18-JUL-2011 14:37:27

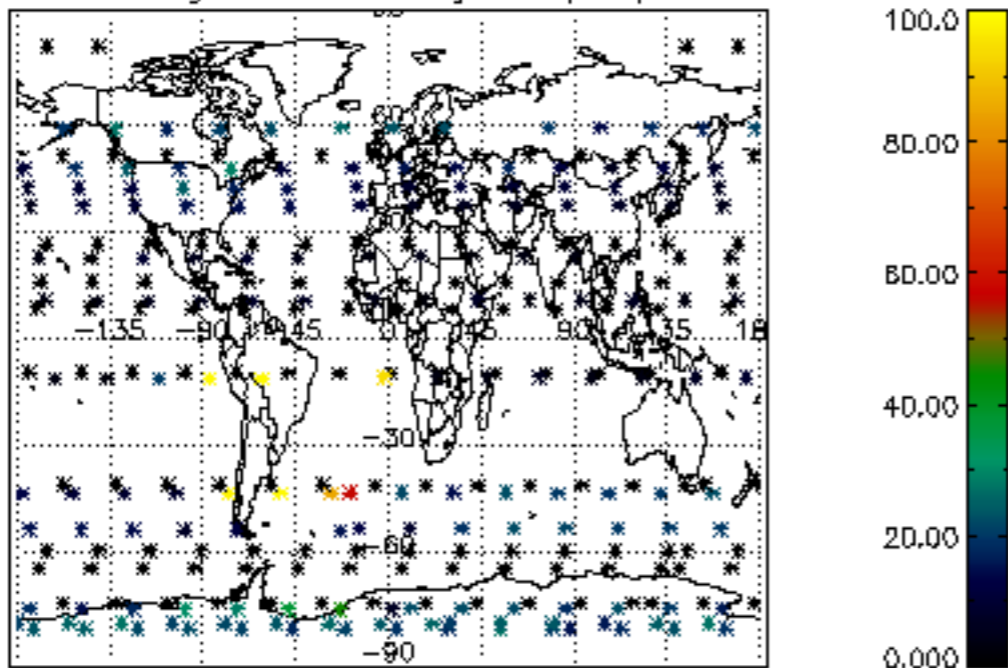




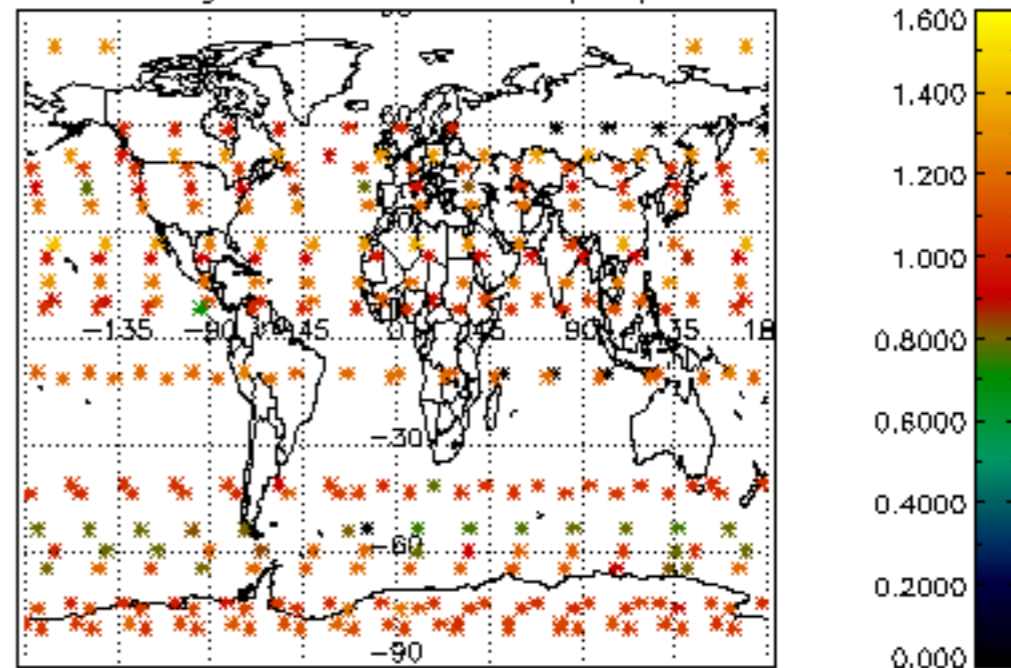




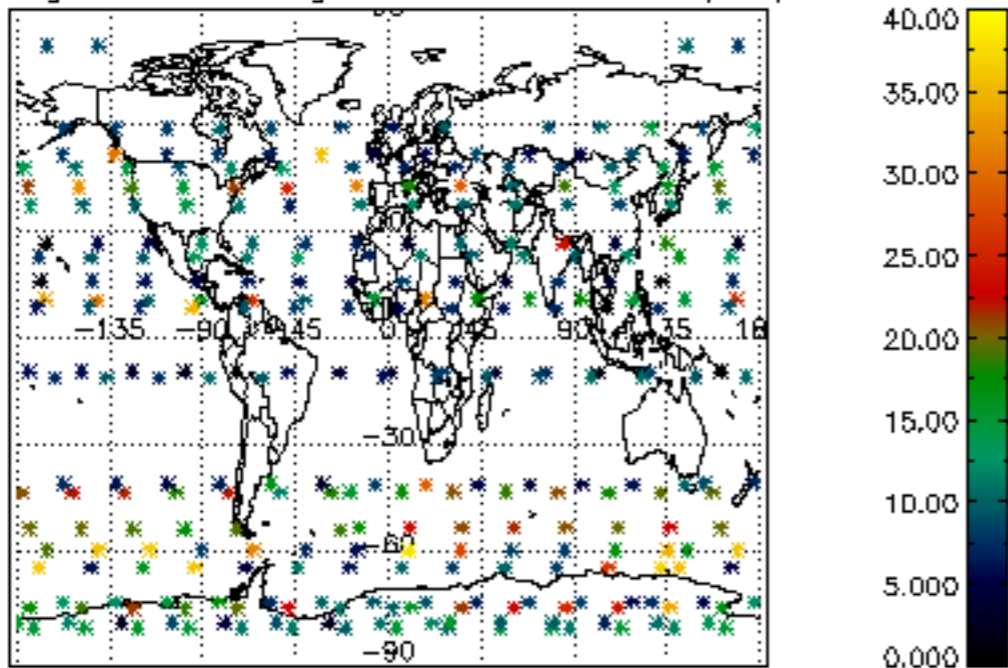
Percentage of cosmic ray hits per profile



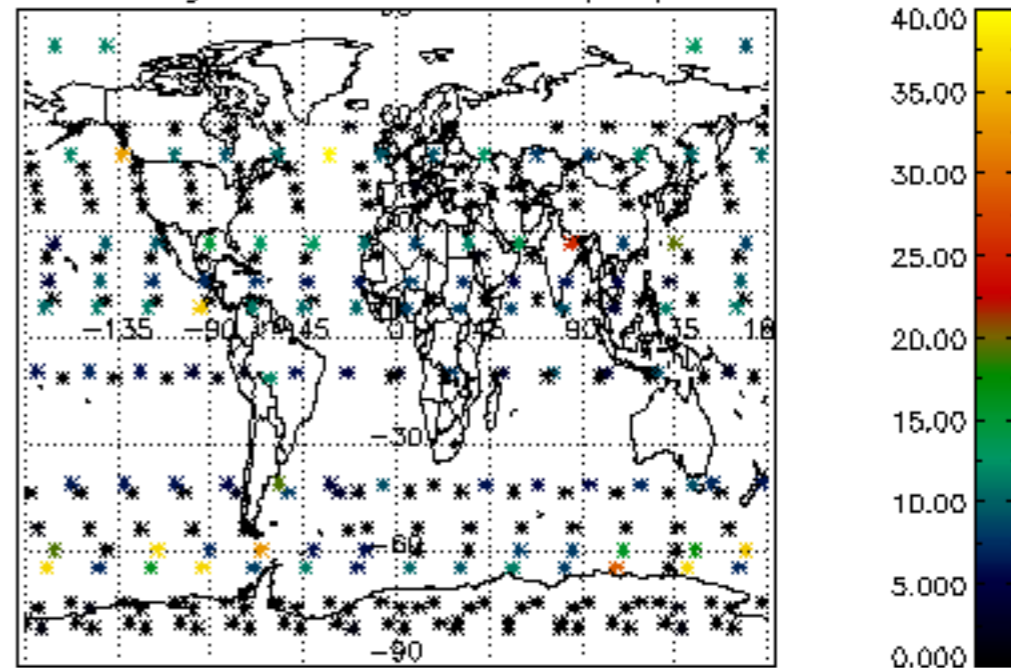
Percentage of datation errors per profile



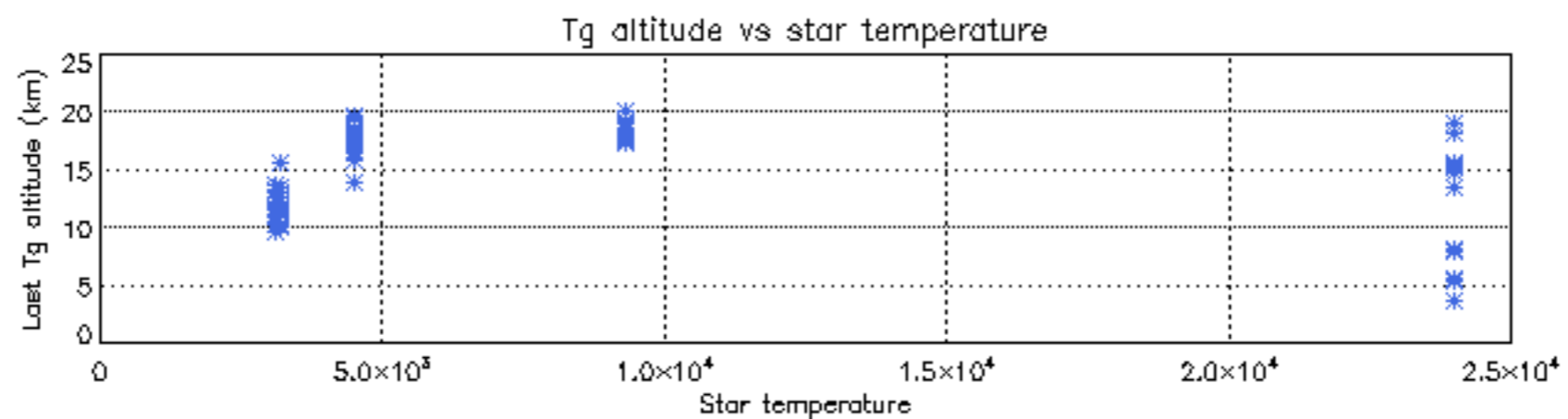
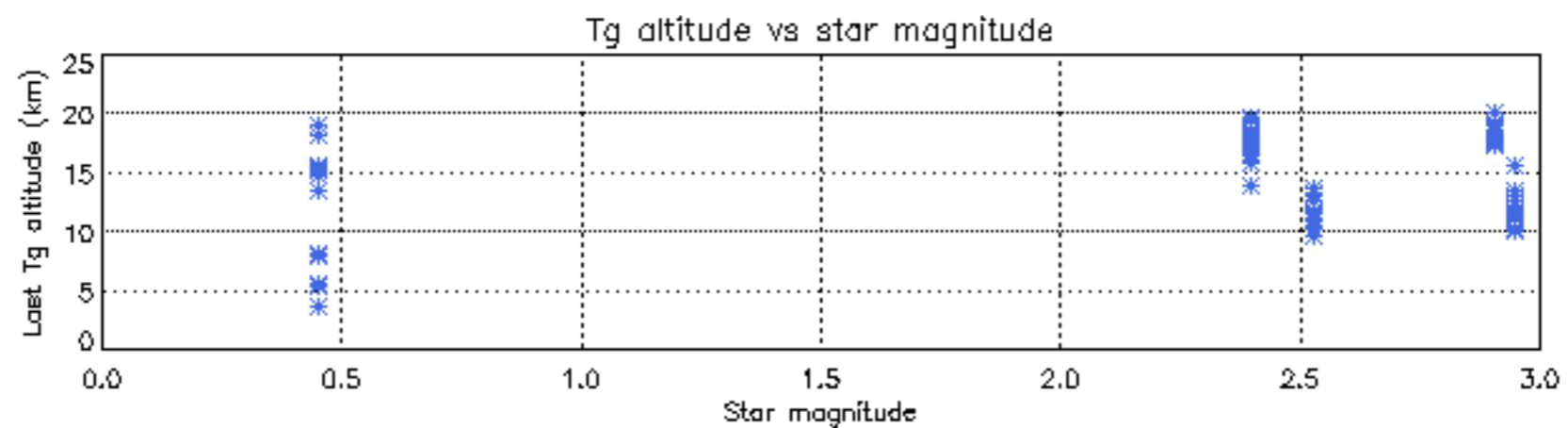
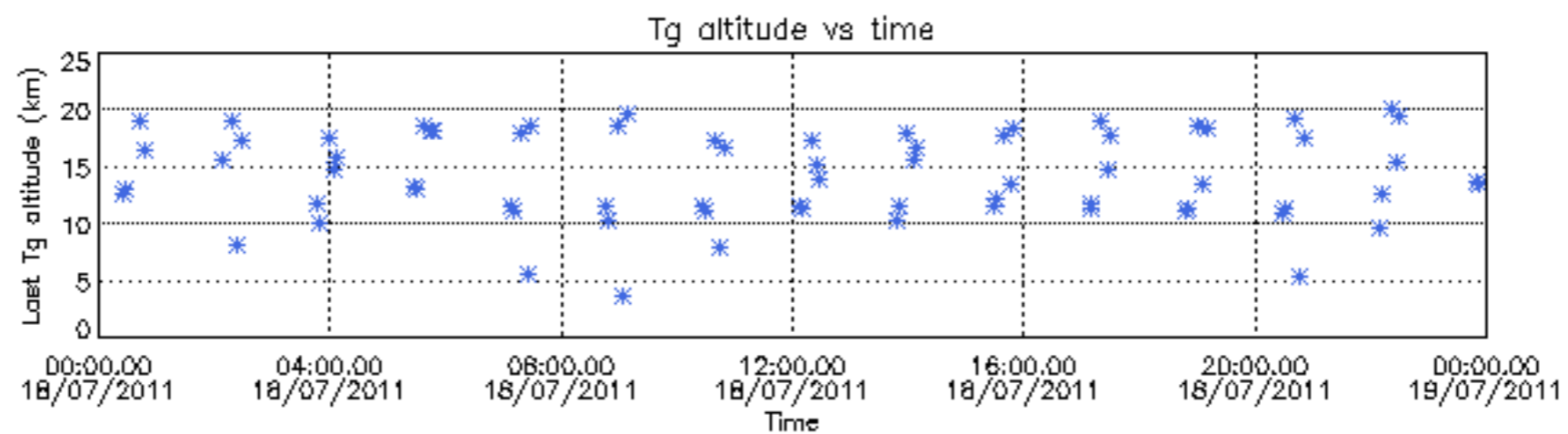
Percentage of star falling outside central band per profile



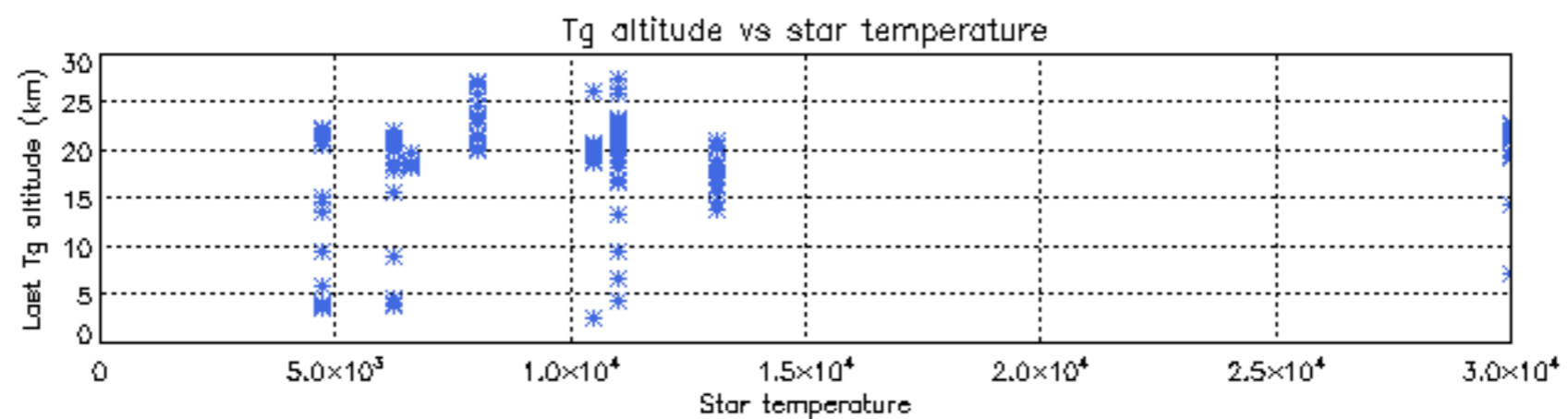
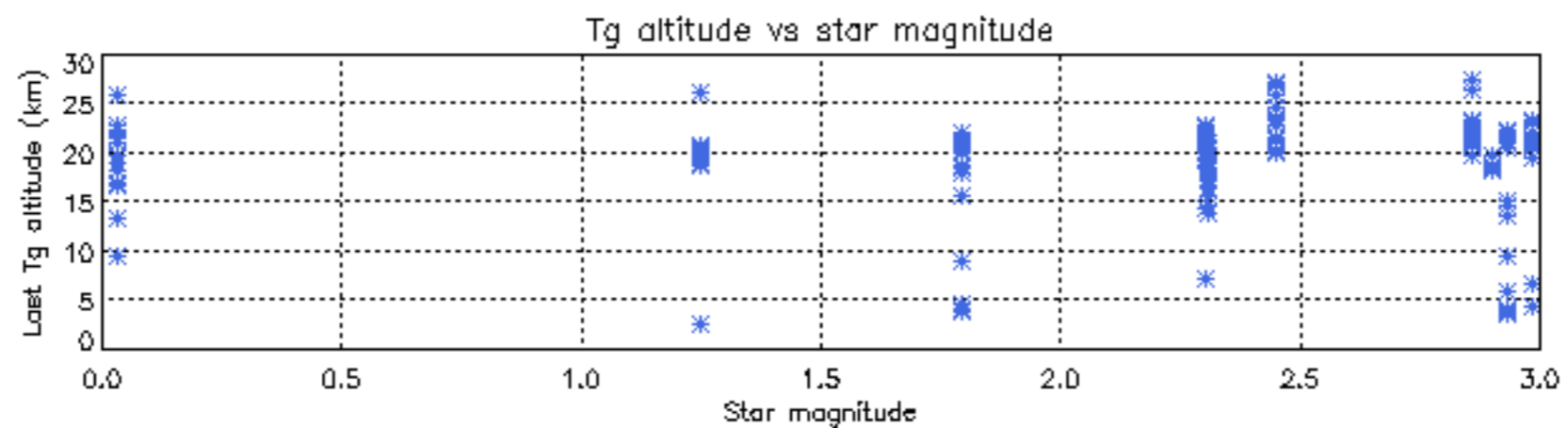
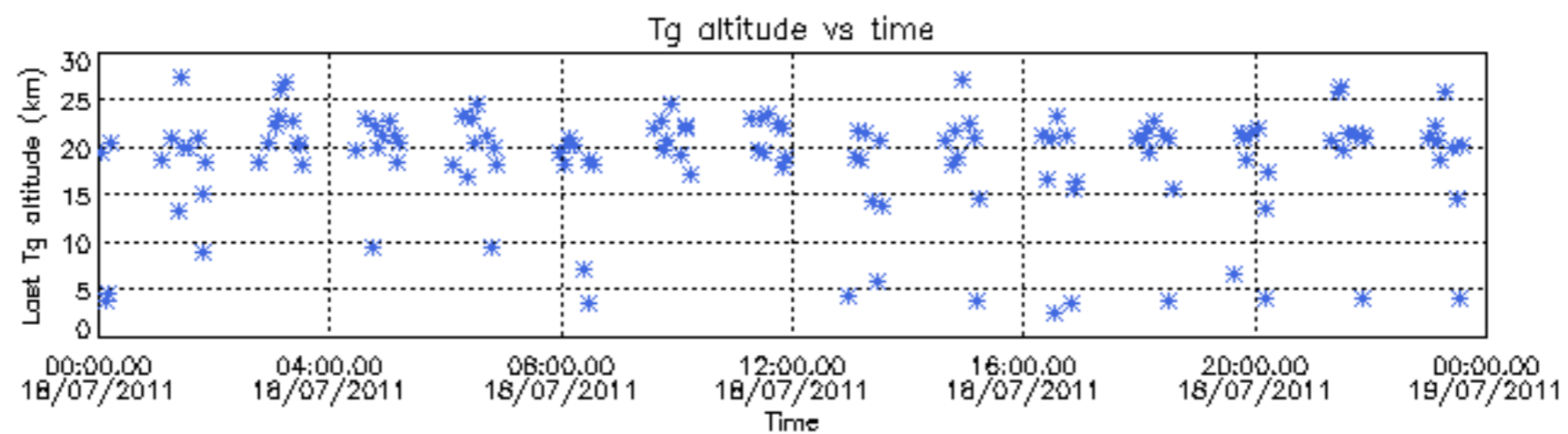
Percentage of saturation errors per profile



Tangent altitude at which the star is lost

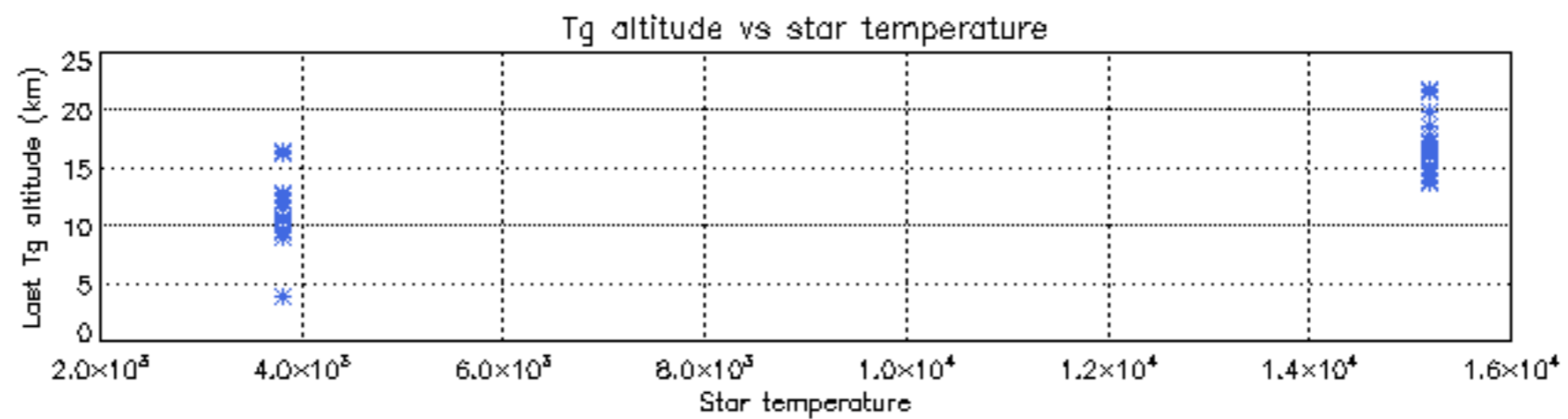
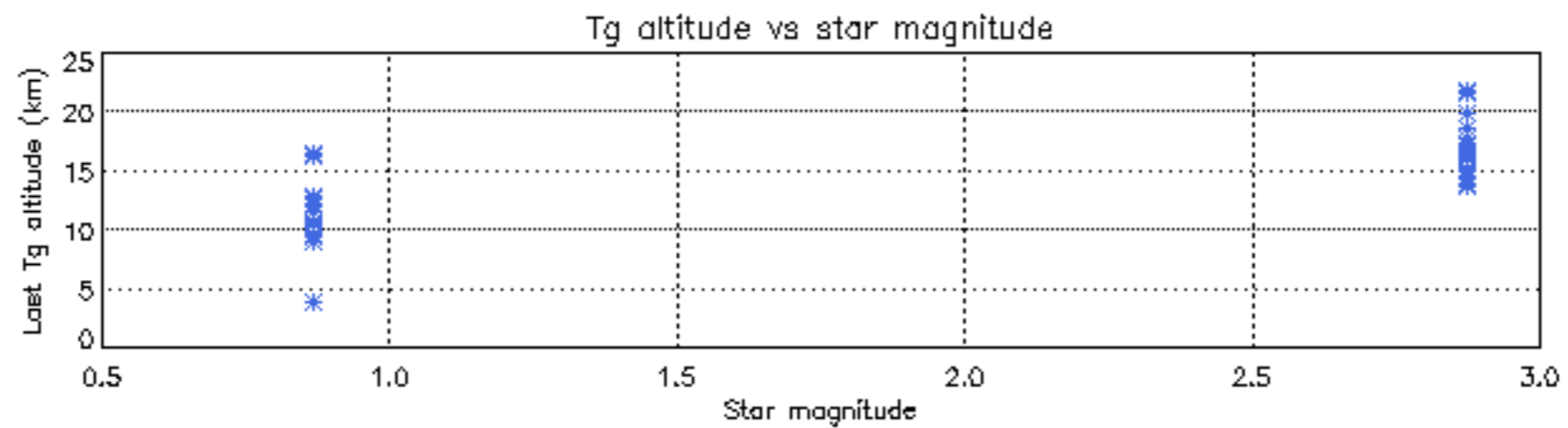
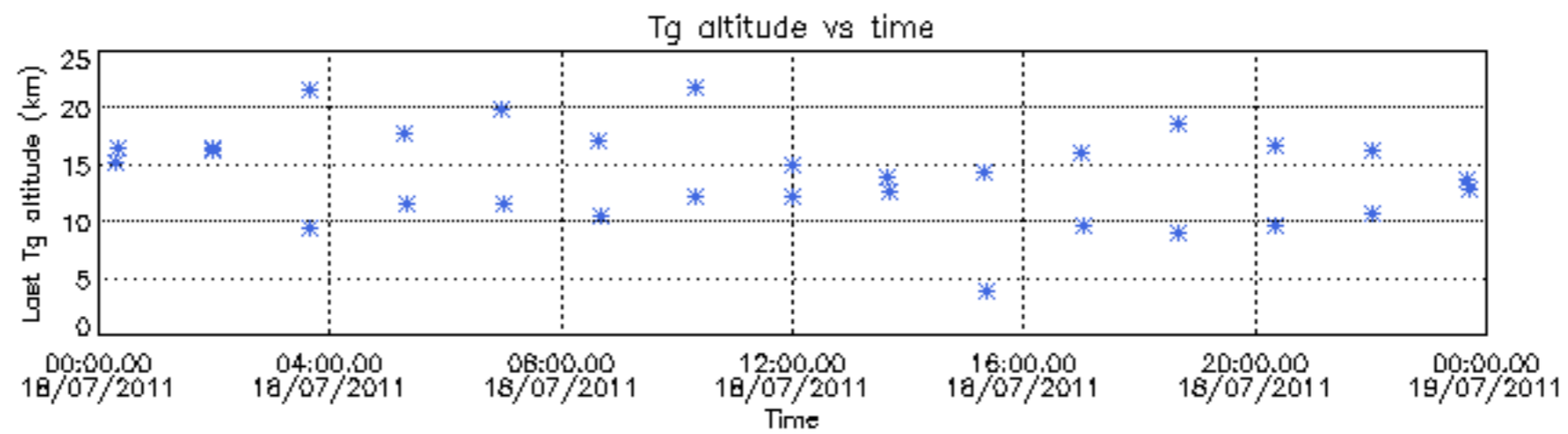


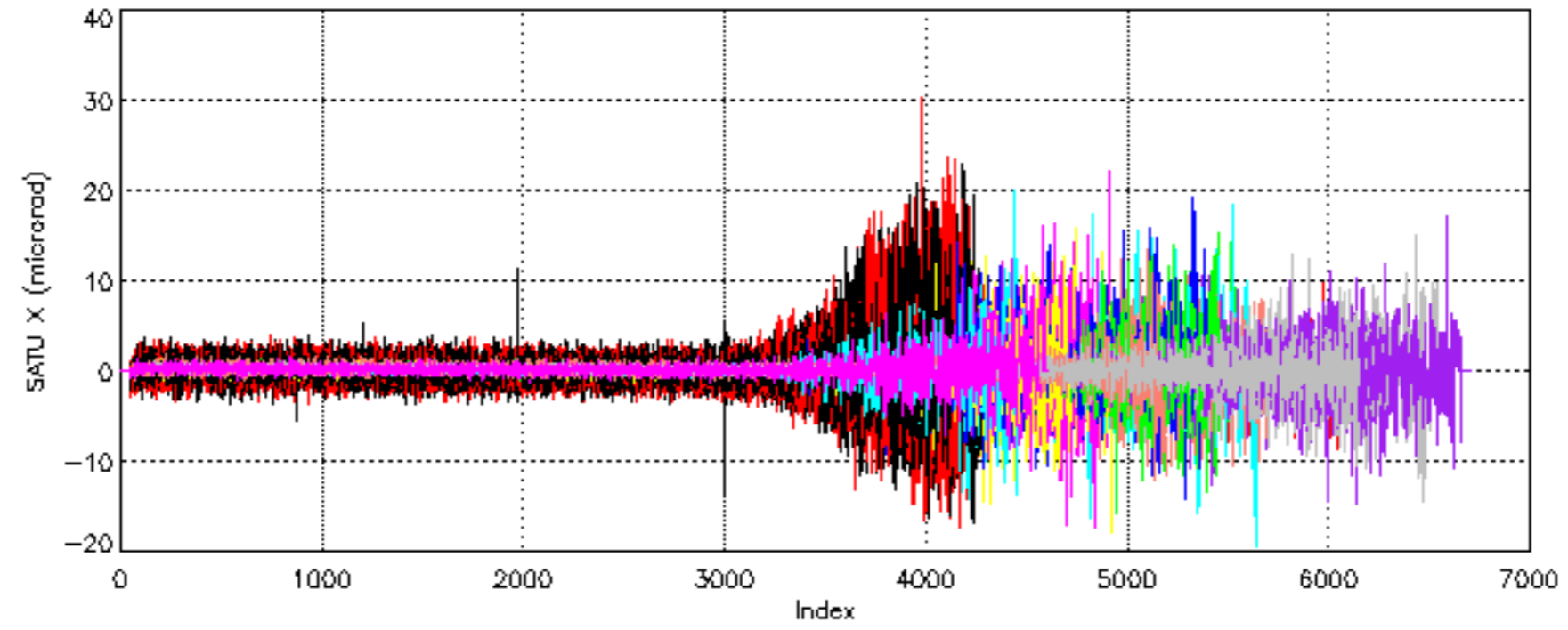
Tangent altitude at which the star is lost

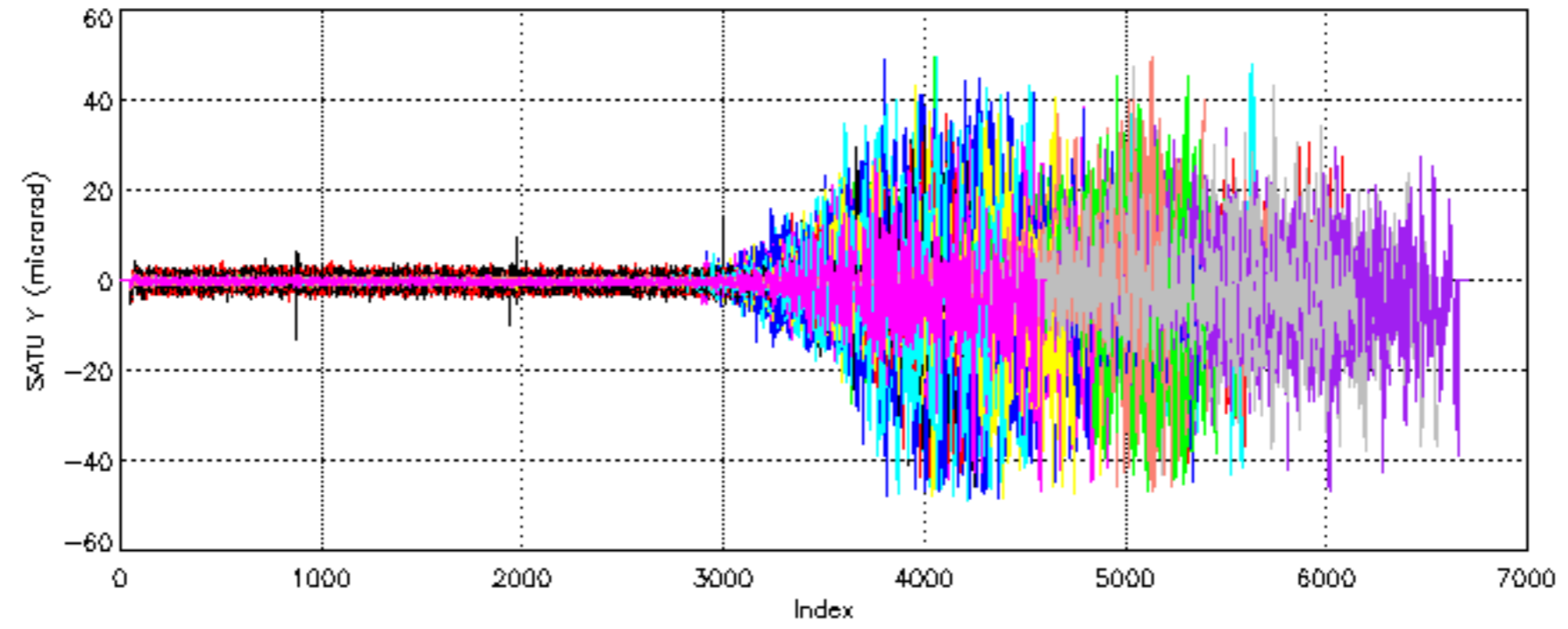


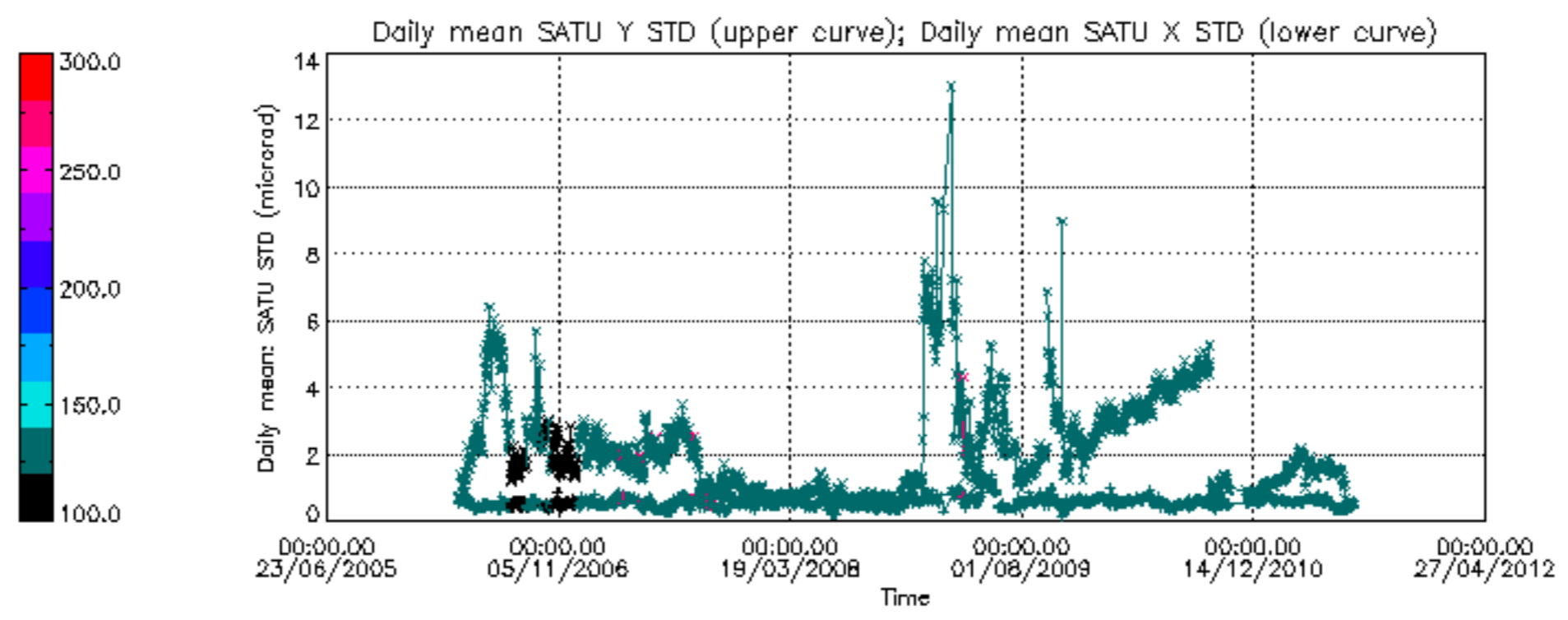


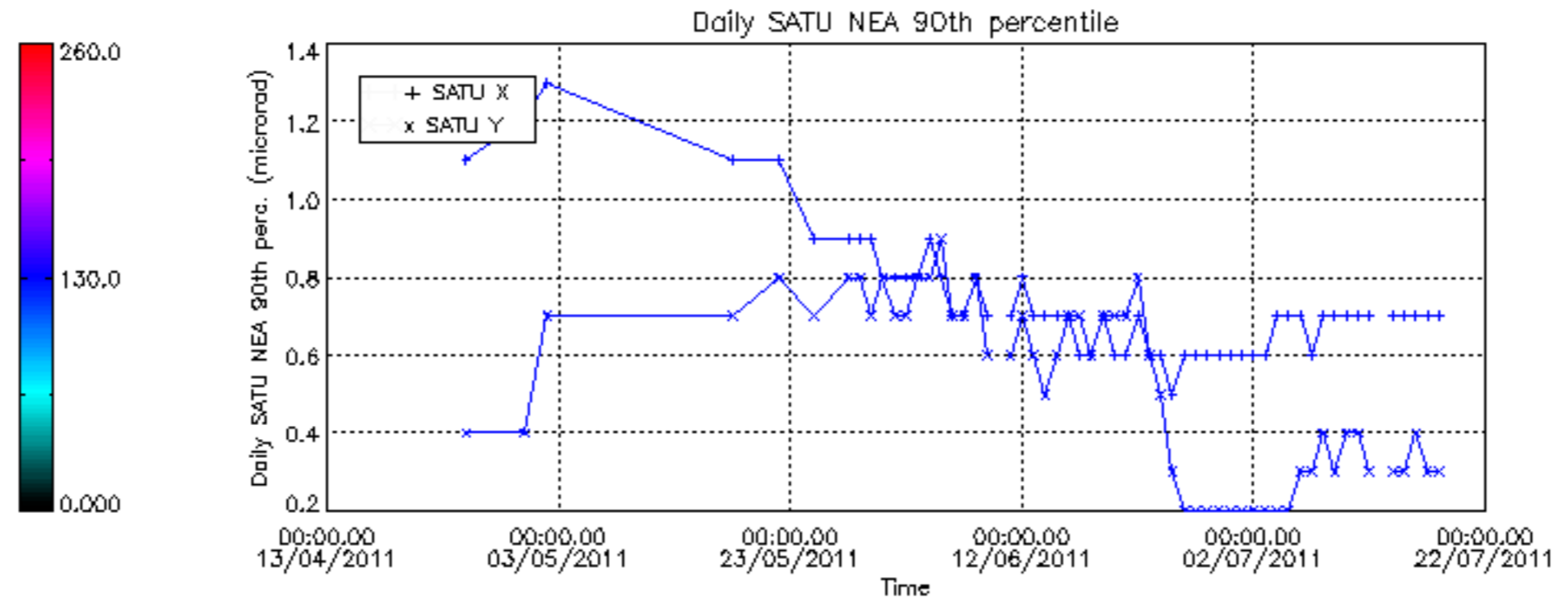
Tangent altitude at which the star is lost











```

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110701_023439_000038843104_00089_48810_6026.N1
 1; -520.5; 01-JUL-2011 02:34:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48810
 2; 104.4; 01-JUL-2011 02:45:04; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;48811
 3; 491.2; 01-JUL-2011 02:51:31; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;48811
 4; 606.4; 01-JUL-2011 02:53:26; Dark ; 53.0; 31; Alp Gru ; 1.73; 15200;occ; 106; 0;48811
 5; 744.1; 01-JUL-2011 02:55:43; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;48811
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18; 6318.8; 31-JUL-2011 14:30:28; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;49249
19; 6605.3; 31-JUL-2011 14:35:14; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;49249
20; 6928.1; 31-JUL-2011 14:40:37; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;49249
21; 7115.6; 31-JUL-2011 14:43:45; Dark ; 45.0; 172; Gam Gru ; 3.00; 13100;occ; 90; 0;49249
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1; 2046.3; 31-JUL-2011 14:59:29; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;49249
2; 2560.8; 31-JUL-2011 15:08:04; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;49249
3; 2678.4; 31-JUL-2011 15:10:02; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;49249
4; 3071.2; 31-JUL-2011 15:16:34; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;49249
5; 3954.8; 31-JUL-2011 15:31:18; Bright; 70.0; 160; 23Gam Per ; 2.93; 4700;occ; 140; 0;49249
6; 4054.4; 31-JUL-2011 15:32:58; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;49249
7; 4179.8; 31-JUL-2011 15:35:03; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;49249
8; 4292.2; 31-JUL-2011 15:36:55; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;49249
9; 4493.4; 31-JUL-2011 15:40:17; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;49249
10; 4618.5; 31-JUL-2011 15:42:22; Dark ; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;49249
11; 4768.2; 31-JUL-2011 15:44:51; Dark ; 57.5; 13; 87Alp Tau ; 0.87; 3800;occ; 115; 0;49249
12; 4888.6; 31-JUL-2011 15:46:52; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;49249
13; 4993.4; 31-JUL-2011 15:48:37; Dark ; 43.5; 72; 34Del Ori ; 2.25; 30000;occ; 87; 0;49249
14; 5151.5; 31-JUL-2011 15:51:15; Dark ; 47.5; 7; 19Bet Ori ; 0.10; 14000;occ; 95; 0;49249
15; 5427.4; 31-JUL-2011 15:55:51; Dark ; 54.0; 165; 34Gam Eri ; 2.95; 3200;occ; 108; 0;49249
16; 5717.9; 31-JUL-2011 16:00:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49249
17; 5991.3; 31-JUL-2011 16:05:15; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;49249
18; 6319.5; 31-JUL-2011 16:10:43; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;49250
19; 6606.3; 31-JUL-2011 16:15:30; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;49250
20; 6928.8; 31-JUL-2011 16:20:52; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;49250

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21; 7115.9; 31-JUL-2011 16:23:59; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;49250

