

GOMOS Daily Report 15-JUL-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	19JUL2011 07:06:54
Data source version	GOMOS/6.01
Start time of products	15JUL2011 00:02:53
Stop time of products	15JUL2011 23:57:41
Store outputs in DB	Yes
Nb of level 1b prods	288
Nb of prods with errors	2

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

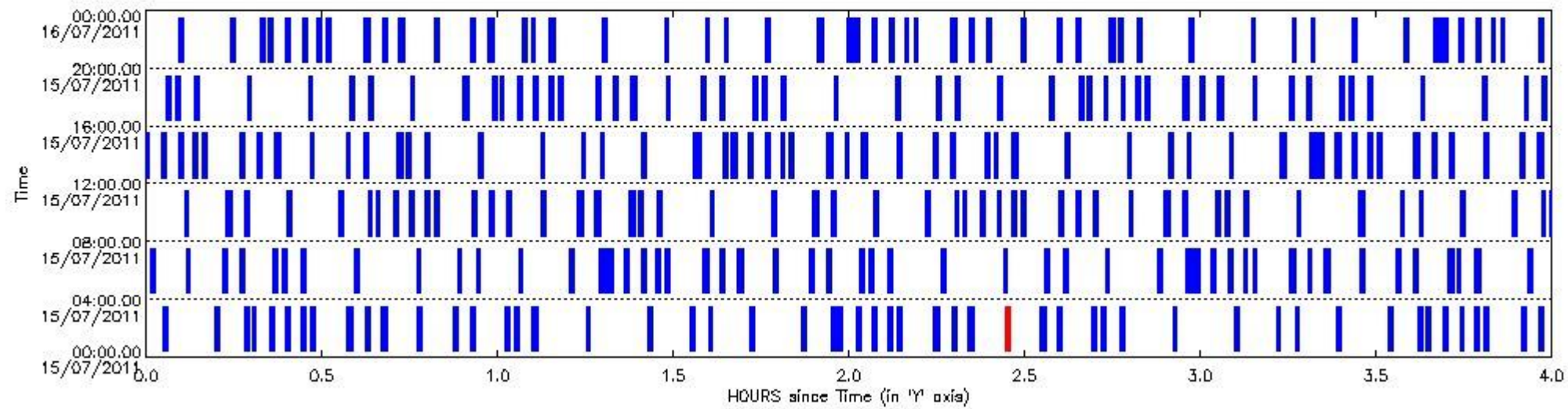
2.1 Level 0 products arrived in PCF (see template [here](#))

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
15-JUL-2011 02:26:38	The1Eri	157	49011

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_1PNPDE20110715_000253_000000453104_00289_49010_3424.N1	15-JUL-2011 00:02:53	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	49010	No
2	GOM_TRA_1PNPDE20110715_001140_000000483104_00289_49010_3425.N1	15-JUL-2011 00:11:40	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49010	No
3	GOM_TRA_1PNPDE20110715_001640_000000543104_00289_49010_3426.N1	15-JUL-2011 00:16:40	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	49010	No
4	GOM_TRA_1PNPDE20110715_001801_000000413104_00289_49010_3427.N1	15-JUL-2011 00:18:01	Bright	40.500	35	33Alp Per	1.7950	6250.0	81	49010	No
5	GOM_TRA_1PNPDE20110715_002056_000000573104_00289_49010_3428.N1	15-JUL-2011 00:20:56	Bright	56.500	79	26Bet Per	2.3100	13100.	113	49010	No
6	GOM_TRA_1PNPDE20110715_002348_000000463104_00289_49010_3429.N1	15-JUL-2011 00:23:48	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49010	No
7	GOM_TRA_1PNPDE20110715_002622_000000453104_00289_49010_3430.N1	15-JUL-2011 00:26:22	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49010	No
8	GOM_TRA_1PNPDE20110715_002757_000000453104_00289_49010_3431.N1	15-JUL-2011 00:27:57	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	49010	No
9	GOM_TRA_1PNPDE20110715_003415_000000603104_00289_49010_3432.N1	15-JUL-2011 00:34:15	Dark	60.000	94	92Alp Cet	2.5260	3100.0	120	49010	No
10	GOM_TRA_1PNPDE20110715_003720_000000463104_00289_49010_3433.N1	15-JUL-2011 00:37:20	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	49010	No

11	GOM_TRA_1PNPDE20110715_004617_000000443104_00289_49010_3451.N1	15-JUL-2011 00:46:17	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49010	No
12	GOM_TRA_1PNPDE20110715_005224_000000493104_00290_49011_3452.N1	15-JUL-2011 00:52:24	Dark	49.000	9	Alp Eri	0.45300	24000.	98	49011	No
13	GOM_TRA_1PNPDE20110715_005519_000000543104_00290_49011_3453.N1	15-JUL-2011 00:55:19	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	49011	No
14	GOM_TRA_1PNPDE20110715_010107_000000623104_00290_49011_3454.N1	15-JUL-2011 01:01:07	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	49011	No
15	GOM_TRA_1PNPDE20110715_010243_000000573104_00290_49011_3455.N1	15-JUL-2011 01:02:43	Straylight	57.000	31	Alp Gru	1.7340	15200.	114	49011	No
16	GOM_TRA_1PNPDE20110715_010555_000000533104_00290_49011_3456.N1	15-JUL-2011 01:05:55	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	49011	No
17	GOM_TRA_1PNPDE20110715_011503_000000403104_00290_49011_3457.N1	15-JUL-2011 01:15:03	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	49011	No
18	GOM_TRA_1PNPDE20110715_012541_000000403104_00290_49011_3458.N1	15-JUL-2011 01:25:41	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	49011	No
19	GOM_TRA_1PNPDE20110715_013243_000000553104_00290_49011_3459.N1	15-JUL-2011 01:32:43	Bright	55.000	5	3Alp Lyr	0.033000	11000.	110	49011	No
20	GOM_TRA_1PNPDE20110715_013556_000000423104_00290_49011_3460.N1	15-JUL-2011 01:35:56	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49011	No
21	GOM_TRA_1PNPDE20110715_014306_000000443104_00290_49011_3461.N1	15-JUL-2011 01:43:06	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49011	No
22	GOM_TRA_1PNPDE20110715_015153_000000473104_00290_49011_3462.N1	15-JUL-2011 01:51:53	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	49011	No
23	GOM_TRA_1PNPDE20110715_015654_000000613104_00290_49011_3463.N1	15-JUL-2011 01:56:54	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49011	No
24	GOM_TRA_1PNPDE20110715_015814_000000433104_00290_49011_3464.N1	15-JUL-2011 01:58:14	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	49011	No
25	GOM_TRA_1PNPDE20110715_020110_000000583104_00290_49011_3465.N1	15-JUL-2011 02:01:10	Bright	57.500	79	26Bet Per	2.3100	13100.	115	49011	No
26	GOM_TRA_1PNPDE20110715_020403_000000463104_00290_49011_3466.N1	15-JUL-2011 02:04:03	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49011	No
27	GOM_TRA_1PNPDE20110715_020636_000000453104_00290_49011_3467.N1	15-JUL-2011 02:06:36	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49011	No
28	GOM_TRA_1PNPDE20110715_020811_000000463104_00290_49011_3468.N1	15-JUL-2011 02:08:11	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	49011	No
29	GOM_TRA_1PNPDE20110715_021429_000000593104_00290_49011_3474.N1	15-JUL-2011 02:14:29	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	49011	No
30	GOM_TRA_1PNPDE20110715_021734_000000473104_00290_49011_3475.N1	15-JUL-2011 02:17:34	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	49011	No
31	GOM_TRA_1PNPDE20110715_023239_000000543104_00291_49012_3476.N1	15-JUL-2011 02:32:39	Dark	53.500	9	Alp Eri	0.45300	24000.	107	49012	No
32	GOM_TRA_1PNPDE20110715_023535_000000543104_00291_49012_3477.N1	15-JUL-2011 02:35:35	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	49012	No
33	GOM_TRA_1PNPDE20110715_024122_000000553104_00291_49012_3478.N1	15-JUL-2011 02:41:22	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	49012	No
34	GOM_TRA_1PNPDE20110715_024258_000000483104_00291_49012_3479.N1	15-JUL-2011 02:42:58	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49012	No
35	GOM_TRA_1PNPDE20110715_024609_000000513104_00291_49012_3480.N1	15-JUL-2011 02:46:09	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49012	No
36	GOM_TRA_1PNPDE20110715_025517_000000403104_00291_49012_3481.N1	15-JUL-2011 02:55:17	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	49012	No
37	GOM_TRA_1PNPDE20110715_030555_000000393104_00291_49012_3482.N1	15-JUL-2011 03:05:55	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49012	No
38	GOM_TRA_1PNPDE20110715_031257_000000403104_00291_49012_3483.N1	15-JUL-2011 03:12:57	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	49012	No
39	GOM_TRA_1PNPDE20110715_031610_000000423104_00291_49012_3484.N1	15-JUL-2011 03:16:10	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	49012	No
40	GOM_TRA_1PNPDE20110715_032320_000000433104_00291_49012_3485.N1	15-JUL-2011 03:23:20	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49012	No
41	GOM_TRA_1PNPDE20110715_033207_000000473104_00291_49012_3524.N1	15-JUL-2011 03:32:07	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49012	No
42	GOM_TRA_1PNPDE20110715_033708_000000473104_00291_49012_3525.N1	15-JUL-2011 03:37:08	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	49012	No
43	GOM_TRA_1PNPDE20110715_033828_000000423104_00291_49012_3526.N1	15-JUL-2011 03:38:28	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	49012	No
44	GOM_TRA_1PNPDE20110715_034124_000000453104_00291_49012_3527.N1	15-JUL-2011 03:41:24	Bright	45.000	79	26Bet Per	2.3100	13100.	90	49012	No
45	GOM_TRA_1PNPDE20110715_034417_000000443104_00291_49012_3528.N1	15-JUL-2011 03:44:17	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	49012	No
46	GOM_TRA_1PNPDE20110715_034650_000000433104_00291_49012_3529.N1	15-JUL-2011 03:46:50	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	49012	No
47	GOM_TRA_1PNPDE20110715_034825_000000443104_00291_49012_3530.N1	15-JUL-2011 03:48:25	Twilight	44.000	13	87Alp Tau	0.86700	3800.0	88	49012	No
48	GOM_TRA_1PNPDE20110715_035444_000000603104_00291_49012_3531.N1	15-JUL-2011 03:54:44	Dark	59.500	94	92Alp Cet	2.5260	3100.0	119	49012	No
49	GOM_TRA_1PNPDE20110715_035749_000000463104_00291_49012_3532.N1	15-JUL-2011 03:57:49	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	49012	No
50	GOM_TRA_1PNPDE20110715_040646_000000433104_00291_49012_3533.N1	15-JUL-2011 04:06:46	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49012	No
51	GOM_TRA_1PNPDE20110715_041254_000000563104_00292_49013_3534.N1	15-JUL-2011 04:12:54	Dark	55.500	9	Alp Eri	0.45300	24000.	111	49013	No
52	GOM_TRA_1PNPDE20110715_041550_000000563104_00292_49013_3535.N1	15-JUL-2011 04:15:50	Dark	55.500	84	Alp Phe	2.3970	4500.0	111	49013	No
53	GOM_TRA_1PNPDE20110715_042137_000000523104_00292_49013_3536.N1	15-JUL-2011 04:21:37	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	49013	No
54	GOM_TRA_1PNPDE20110715_042313_000000493104_00292_49013_3537.N1	15-JUL-2011 04:23:13	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	49013	No
55	GOM_TRA_1PNPDE20110715_042624_000000543104_00292_49013_3538.N1	15-JUL-2011 04:26:24	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	49013	No
56	GOM_TRA_1PNPDE20110715_043532_000000403104_00292_49013_3539.N1	15-JUL-2011 04:35:32	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	49013	No
57	GOM_TRA_1PNPDE20110715_044609_000000403104_00292_49013_3540.N1	15-JUL-2011 04:46:09	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	49013	No
58	GOM_TRA_1PNPDE20110715_045311_000000383104_00292_49013_3541.N1	15-JUL-2011 04:53:11	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49013	No
59	GOM_TRA_1PNPDE20110715_045623_000000423104_00292_49013_3542.N1	15-JUL-2011 04:56:23	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	49013	No
60	GOM_TRA_1PNPDE20110715_050333_000000413104_00292_49013_3543.N1	15-JUL-2011 05:03:33	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49013	No
61	GOM_TRA_1PNPDE20110715_051220_000000493104_00292_49013_3579.N1	15-JUL-2011 05:12:20	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49013	No
62	GOM_TRA_1PNPDE20110715_051722_000000613104_00292_49013_3580.N1	15-JUL-2011 05:17:22	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49013	No
63	GOM_TRA_1PNPDE20110715_051842_000000603104_00292_49013_3581.N1	15-JUL-2011 05:18:42	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	49013	No
64	GOM_TRA_1PNPDE20110715_052138_000000453104_00292_49013_3582.N1	15-JUL-2011 05:21:38	Bright	44.500	79	26Bet Per	2.3100	13100.	89	49013	No
65	GOM_TRA_1PNPDE20110715_052431_000000463104_00292_49013_3583.N1	15-JUL-2011 05:24:31	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49013	No
66	GOM_TRA_1PNPDE20110715_052705_000000473104_00292_49013_3584.N1	15-JUL-2011 05:27:05	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49013	No
67	GOM_TRA_1PNPDE20110715_052840_000000453104_00292_49013_3585.N1	15-JUL-2011 05:28:40	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	49013	No
68	GOM_TRA_1PNPDE20110715_053459_000000613104_00292_49013_3586.N1	15-JUL-2011 05:34:59	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	49013	No
69	GOM_TRA_1PNPDE20110715_053803_000000483104_00292_49013_3587.N1	15-JUL-2011 05:38:03	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	49013	No

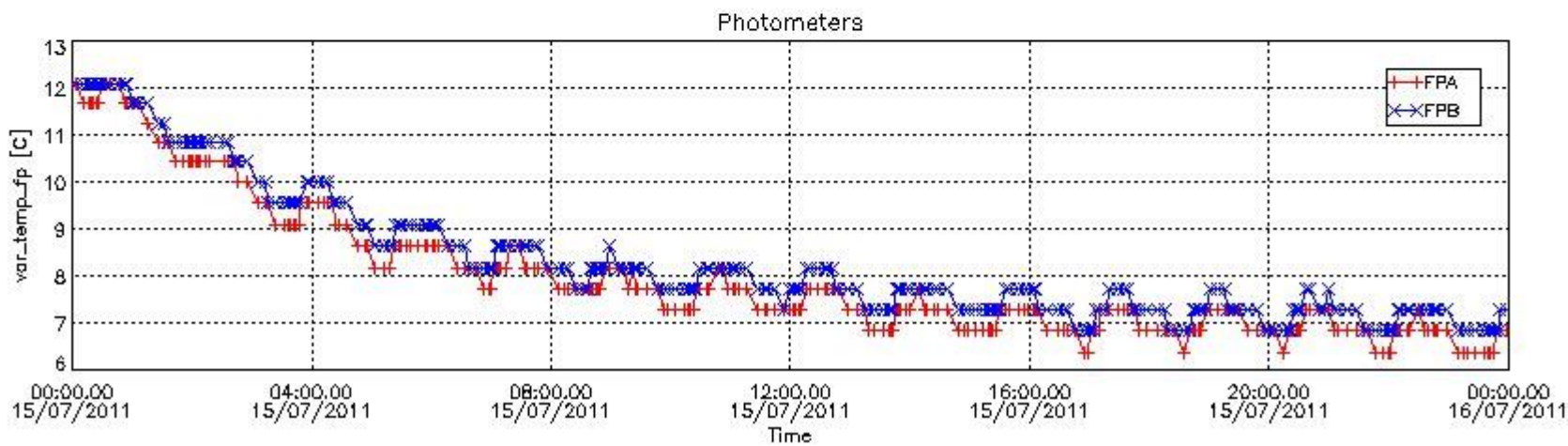
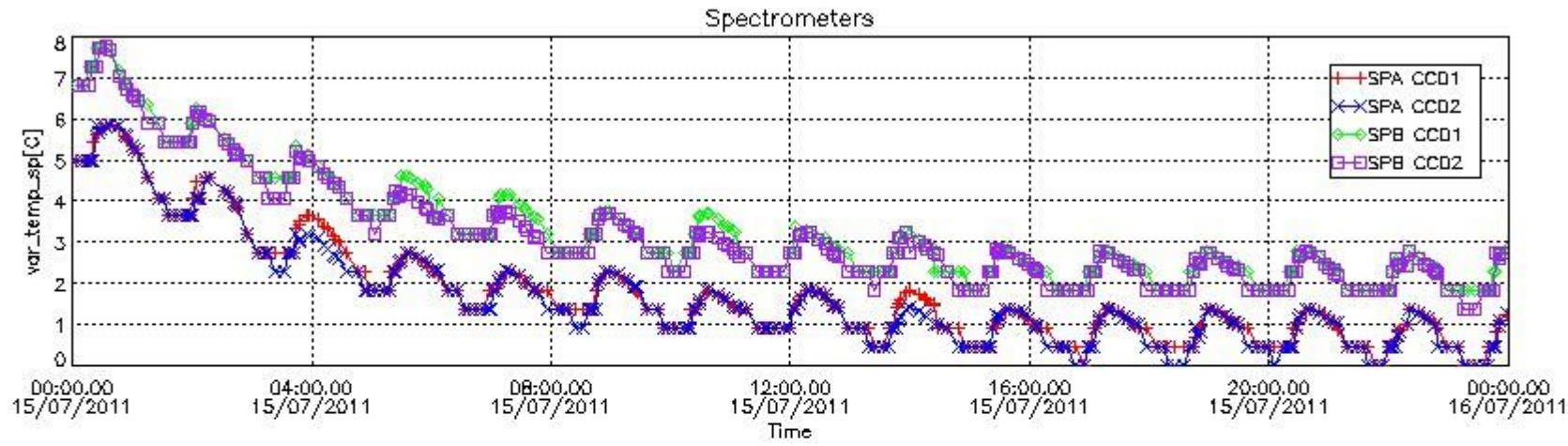
70	GOM_TRA_1PNPDE20110715_054701_000000443104_00292_49013_3588.N1	15-JUL-2011 05:47:01	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49013	No
71	GOM_TRA_1PNPDE20110715_055308_000000513104_00293_49014_3589.N1	15-JUL-2011 05:53:08	Dark	51.000	9	Alp Eri	0.45300	24000.	102	49014	No
72	GOM_TRA_1PNPDE20110715_055605_000000543104_00293_49014_3590.N1	15-JUL-2011 05:56:05	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49014	No
73	GOM_TRA_1PNPDE20110715_060152_000000513104_00293_49014_3591.N1	15-JUL-2011 06:01:52	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	49014	No
74	GOM_TRA_1PNPDE20110715_060327_000000483104_00293_49014_3592.N1	15-JUL-2011 06:03:27	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49014	No
75	GOM_TRA_1PNPDE20110715_060639_000000523104_00293_49014_3593.N1	15-JUL-2011 06:06:39	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	49014	No
76	GOM_TRA_1PNPDE20110715_061546_000000403104_00293_49014_3594.N1	15-JUL-2011 06:15:46	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49014	No
77	GOM_TRA_1PNPDE20110715_062623_000000393104_00293_49014_3595.N1	15-JUL-2011 06:26:23	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	49014	No
78	GOM_TRA_1PNPDE20110715_063325_000000553104_00293_49014_3596.N1	15-JUL-2011 06:33:25	Bright	55.000	5	3Alp Lyr	0.033000	11000.	110	49014	No
79	GOM_TRA_1PNPDE20110715_063637_000000413104_00293_49014_3597.N1	15-JUL-2011 06:36:37	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	49014	No
80	GOM_TRA_1PNPDE20110715_064347_000000443104_00293_49014_3598.N1	15-JUL-2011 06:43:47	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49014	No
81	GOM_TRA_1PNPDK20110715_065234_000000483104_00293_49014_6329.N1	15-JUL-2011 06:52:34	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49014	No
82	GOM_TRA_1PNPDK20110715_065735_000000613104_00293_49014_6330.N1	15-JUL-2011 06:57:35	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49014	No
83	GOM_TRA_1PNPDK20110715_065856_000000603104_00293_49014_6331.N1	15-JUL-2011 06:58:56	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	49014	No
84	GOM_TRA_1PNPDK20110715_070152_000000463104_00293_49014_6332.N1	15-JUL-2011 07:01:52	Bright	46.000	79	26Bet Per	2.3100	13100.	92	49014	No
85	GOM_TRA_1PNPDK20110715_070445_000000453104_00293_49014_6333.N1	15-JUL-2011 07:04:45	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	49014	No
86	GOM_TRA_1PNPDK20110715_070719_000000443104_00293_49014_6334.N1	15-JUL-2011 07:07:19	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	49014	No
87	GOM_TRA_1PNPDK20110715_070854_000000473104_00293_49014_6335.N1	15-JUL-2011 07:08:54	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	49014	No
88	GOM_TRA_1PNPDK20110715_071514_000000623104_00293_49014_6336.N1	15-JUL-2011 07:15:14	Dark	61.500	94	92Alp Cet	2.5260	3100.0	123	49014	No
89	GOM_TRA_1PNPDK20110715_071818_000000463104_00293_49014_6337.N1	15-JUL-2011 07:18:18	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49014	No
90	GOM_TRA_1PNPDK20110715_072716_000000433104_00293_49014_6338.N1	15-JUL-2011 07:27:16	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49014	No
91	GOM_TRA_1PNPDK20110715_073323_000000553104_00294_49015_6339.N1	15-JUL-2011 07:33:23	Dark	54.500	9	Alp Eri	0.45300	24000.	109	49015	No
92	GOM_TRA_1PNPDK20110715_073620_000000513104_00294_49015_6340.N1	15-JUL-2011 07:36:20	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	49015	No
93	GOM_TRA_1PNPDK20110715_074207_000000653104_00294_49015_6341.N1	15-JUL-2011 07:42:07	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	49015	No
94	GOM_TRA_1PNPDK20110715_074342_000000473104_00294_49015_6342.N1	15-JUL-2011 07:43:42	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49015	No
95	GOM_TRA_1PNPDK20110715_074654_000000543104_00294_49015_6343.N1	15-JUL-2011 07:46:54	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	49015	No
96	GOM_TRA_1PNPDK20110715_075600_000000393104_00294_49015_6344.N1	15-JUL-2011 07:56:00	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	49015	No
97	GOM_TRA_1PNPDK20110715_080636_000000393104_00294_49015_6378.N1	15-JUL-2011 08:06:36	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49015	No
98	GOM_TRA_1PNPDK20110715_081338_000000553104_00294_49015_6379.N1	15-JUL-2011 08:13:38	Bright	55.000	5	3Alp Lyr	0.033000	11000.	110	49015	No
99	GOM_TRA_1PNPDK20110715_081651_000000433104_00294_49015_6380.N1	15-JUL-2011 08:16:51	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	49015	No
100	GOM_TRA_1PNPDK20110715_082400_000000413104_00294_49015_6381.N1	15-JUL-2011 08:24:00	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49015	No
101	GOM_TRA_1PNPDK20110715_083247_000000473104_00294_49015_6382.N1	15-JUL-2011 08:32:47	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	49015	No
102	GOM_TRA_1PNPDK20110715_083749_000000403104_00294_49015_6383.N1	15-JUL-2011 08:37:49	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	49015	No
103	GOM_TRA_1PNPDK20110715_083910_000000413104_00294_49015_6384.N1	15-JUL-2011 08:39:10	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	49015	No
104	GOM_TRA_1PNPDK20110715_084206_000000523104_00294_49015_6385.N1	15-JUL-2011 08:42:06	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49015	No
105	GOM_TRA_1PNPDK20110715_084459_000000463104_00294_49015_6386.N1	15-JUL-2011 08:44:59	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	49015	No
106	GOM_TRA_1PNPDK20110715_084733_000000453104_00294_49015_6387.N1	15-JUL-2011 08:47:33	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49015	No
107	GOM_TRA_1PNPDK20110715_084908_000000473104_00294_49015_6388.N1	15-JUL-2011 08:49:08	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	49015	No
108	GOM_TRA_1PNPDK20110715_085529_000000593104_00294_49015_6389.N1	15-JUL-2011 08:55:29	Dark	59.000	94	92Alp Cet	2.5260	3100.0	118	49015	No
109	GOM_TRA_1PNPDK20110715_085832_000000453104_00294_49015_6390.N1	15-JUL-2011 08:58:32	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	49015	No
110	GOM_TRA_1PNPDK20110715_090730_000000413104_00294_49015_6391.N1	15-JUL-2011 09:07:30	Dark	41.000	157	The1Eri	2.9060	9300.0	82	49015	No
111	GOM_TRA_1PNPDK20110715_091338_000000533104_00295_49016_6392.N1	15-JUL-2011 09:13:38	Dark	53.000	9	Alp Eri	0.45300	24000.	106	49016	No
112	GOM_TRA_1PNPDK20110715_091635_000000523104_00295_49016_6393.N1	15-JUL-2011 09:16:35	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	49016	No
113	GOM_TRA_1PNPDK20110715_092221_000000673104_00295_49016_6394.N1	15-JUL-2011 09:22:21	Straylight	66.500	63	Bet Gru	2.1500	2800.0	133	49016	No
114	GOM_TRA_1PNPDK20110715_092357_000000483104_00295_49016_6395.N1	15-JUL-2011 09:23:57	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49016	No
115	GOM_TRA_1PNPDK20110715_092709_000000543104_00295_49016_6396.N1	15-JUL-2011 09:27:09	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	49016	No
116	GOM_TRA_1PNPDK20110715_093614_000000403104_00295_49016_6397.N1	15-JUL-2011 09:36:14	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49016	No
117	GOM_TRA_1PNPDK20110715_094650_000000393104_00295_49016_6419.N1	15-JUL-2011 09:46:50	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	49016	No
118	GOM_TRA_1PNPDK20110715_095352_000000553104_00295_49016_6420.N1	15-JUL-2011 09:53:52	Bright	55.000	5	3Alp Lyr	0.033000	11000.	110	49016	No
119	GOM_TRA_1PNPDK20110715_095704_000000433104_00295_49016_6421.N1	15-JUL-2011 09:57:04	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	49016	No
120	GOM_TRA_1PNPDK20110715_100413_000000433104_00295_49016_6422.N1	15-JUL-2011 10:04:13	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49016	No
121	GOM_TRA_1PNPDK20110715_101301_000000493104_00295_49016_6423.N1	15-JUL-2011 10:13:01	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49016	No
122	GOM_TRA_1PNPDK20110715_101803_000000423104_00295_49016_6424.N1	15-JUL-2011 10:18:03	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	49016	No
123	GOM_TRA_1PNPDK20110715_101924_000000423104_00295_49016_6425.N1	15-JUL-2011 10:19:24	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	49016	No
124	GOM_TRA_1PNPDK20110715_102220_000000473104_00295_49016_6426.N1	15-JUL-2011 10:22:20	Bright	47.000	79	26Bet Per	2.3100	13100.	94	49016	No
125	GOM_TRA_1PNPDK20110715_102513_000000453104_00295_49016_6427.N1	15-JUL-2011 10:25:13	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	49016	No
126	GOM_TRA_1PNPDK20110715_102748_000000443104_00295_49016_6428.N1	15-JUL-2011 10:27:48	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	49016	No
127	GOM_TRA_1PNPDK20110715_102922_000000453104_00295_49016_6429.N1	15-JUL-2011 10:29:22	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	49016	No
128	GOM_TRA_1PNPDK20110715_103543_000000593104_00295_49016_6430.N1	15-JUL-2011 10:35:43	Dark	59.000	94	92Alp Cet	2.5260	3100.0	118	49016	No

129	GOM_TRA_1PNPDK20110715_103847_000000453104_00295_49016_6431.N1	15-JUL-2011 10:38:47	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	49016	No
130	GOM_TRA_1PNPDK20110715_104745_000000423104_00295_49016_6432.N1	15-JUL-2011 10:47:45	Dark	41.500	157	The1Eri	2.9060	9300.0	83	49016	No
131	GOM_TRA_1PNPDK20110715_105352_000000523104_00296_49017_6433.N1	15-JUL-2011 10:53:52	Dark	51.500	9	Alp Eri	0.45300	24000.	103	49017	No
132	GOM_TRA_1PNPDK20110715_105650_000000533104_00296_49017_6434.N1	15-JUL-2011 10:56:50	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	49017	No
133	GOM_TRA_1PNPDK20110715_110236_000000563104_00296_49017_6435.N1	15-JUL-2011 11:02:36	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	49017	No
134	GOM_TRA_1PNPDK20110715_110412_000000513104_00296_49017_6436.N1	15-JUL-2011 11:04:12	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	49017	No
135	GOM_TRA_1PNPDK20110715_110723_000000533104_00296_49017_6437.N1	15-JUL-2011 11:07:23	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	49017	No
136	GOM_TRA_1PNPDK20110715_111628_000000393104_00296_49017_6438.N1	15-JUL-2011 11:16:28	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	49017	No
137	GOM_TRA_1PNPDK20110715_112704_000000583104_00296_49017_6453.N1	15-JUL-2011 11:27:04	Bright	58.000	168	17Zet Aql	2.9860	11000.	116	49017	No
138	GOM_TRA_1PNPDK20110715_113406_000000413104_00296_49017_6454.N1	15-JUL-2011 11:34:06	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	49017	No
139	GOM_TRA_1PNPDK20110715_113718_000000433104_00296_49017_6455.N1	15-JUL-2011 11:37:18	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49017	No
140	GOM_TRA_1PNPDK20110715_114427_000000433104_00296_49017_6456.N1	15-JUL-2011 11:44:27	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49017	No
141	GOM_TRA_1PNPDK20110715_115314_000000473104_00296_49017_6457.N1	15-JUL-2011 11:53:14	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49017	No
142	GOM_TRA_1PNPDK20110715_115817_000000413104_00296_49017_6458.N1	15-JUL-2011 11:58:17	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	49017	No
143	GOM_TRA_1PNPDK20110715_115938_000000423104_00296_49017_6459.N1	15-JUL-2011 11:59:38	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	49017	No
144	GOM_TRA_1PNPDK20110715_120234_000000473104_00296_49017_6460.N1	15-JUL-2011 12:02:34	Bright	47.000	79	26Bet Per	2.3100	13100.	94	49017	No
145	GOM_TRA_1PNPDK20110715_120527_000000453104_00296_49017_6461.N1	15-JUL-2011 12:05:27	Tw_i_and_stray	44.500	150	44Zet Per	2.8900	28000.	89	49017	No
146	GOM_TRA_1PNPDK20110715_120802_000000443104_00296_49017_6462.N1	15-JUL-2011 12:08:02	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	49017	No
147	GOM_TRA_1PNPDK20110715_120937_000000403104_00296_49017_6463.N1	15-JUL-2011 12:09:37	Twilight	40.000	13	87Alp Tau	0.86700	3800.0	80	49017	No
148	GOM_TRA_1PNPDK20110715_121558_000000563104_00296_49017_6464.N1	15-JUL-2011 12:15:58	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	49017	No
149	GOM_TRA_1PNPDK20110715_121901_000000473104_00296_49017_6465.N1	15-JUL-2011 12:19:01	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	49017	No
150	GOM_TRA_1PNPDK20110715_122759_000000413104_00296_49017_6466.N1	15-JUL-2011 12:27:59	Dark	41.000	157	The1Eri	2.9060	9300.0	82	49017	No
151	GOM_TRA_1PNPDK20110715_123407_000000443104_00297_49018_6467.N1	15-JUL-2011 12:34:07	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49018	No
152	GOM_TRA_1PNPDK20110715_123706_000000543104_00297_49018_6468.N1	15-JUL-2011 12:37:06	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49018	No
153	GOM_TRA_1PNPDK20110715_124251_000000513104_00297_49018_6469.N1	15-JUL-2011 12:42:51	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	49018	No
154	GOM_TRA_1PNPDK20110715_124426_000000493104_00297_49018_6470.N1	15-JUL-2011 12:44:26	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	49018	No
155	GOM_TRA_1PNPDK20110715_124738_000000533104_00297_49018_6471.N1	15-JUL-2011 12:47:38	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	49018	No
156	GOM_TRA_1PNPDK20110715_125642_000000403104_00297_49018_6472.N1	15-JUL-2011 12:56:42	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49018	No
157	GOM_TRA_1PNPDK20110715_130718_000000403104_00297_49018_6485.N1	15-JUL-2011 13:07:18	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	49018	No
158	GOM_TRA_1PNPDK20110715_131420_000000363104_00297_49018_6486.N1	15-JUL-2011 13:14:20	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	49018	No
159	GOM_TRA_1PNPDK20110715_131731_000000413104_00297_49018_6487.N1	15-JUL-2011 13:17:31	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49018	No
160	GOM_TRA_1PNPDK20110715_132440_000000443104_00297_49018_6488.N1	15-JUL-2011 13:24:40	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49018	No
161	GOM_TRA_1PNPDK20110715_133327_000000693104_00297_49018_6489.N1	15-JUL-2011 13:33:27	Bright	69.000	76	27Gam Cas	2.3000	30000.	138	49018	No
162	GOM_TRA_1PNPDK20110715_133831_000000413104_00297_49018_6490.N1	15-JUL-2011 13:38:31	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	49018	No
163	GOM_TRA_1PNPDK20110715_133952_000000603104_00297_49018_6491.N1	15-JUL-2011 13:39:52	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	49018	No
164	GOM_TRA_1PNPDK20110715_134247_000000513104_00297_49018_6492.N1	15-JUL-2011 13:42:47	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49018	No
165	GOM_TRA_1PNPDK20110715_134542_000000443104_00297_49018_6493.N1	15-JUL-2011 13:45:42	Tw_i_and_stray	43.500	150	44Zet Per	2.8900	28000.	87	49018	No
166	GOM_TRA_1PNPDK20110715_134816_000000453104_00297_49018_6494.N1	15-JUL-2011 13:48:16	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49018	No
167	GOM_TRA_1PNPDK20110715_134951_000000463104_00297_49018_6495.N1	15-JUL-2011 13:49:51	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	49018	No
168	GOM_TRA_1PNPDK20110715_135613_000000593104_00297_49018_6496.N1	15-JUL-2011 13:56:13	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	49018	No
169	GOM_TRA_1PNPDK20110715_135916_000000473104_00297_49018_6497.N1	15-JUL-2011 13:59:16	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	49018	No
170	GOM_TRA_1PNPDK20110715_140814_000000423104_00297_49018_6498.N1	15-JUL-2011 14:08:14	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49018	No
171	GOM_TRA_1PNPDK20110715_141421_000000523104_00298_49019_6499.N1	15-JUL-2011 14:14:21	Dark	51.500	9	Alp Eri	0.45300	24000.	103	49019	No
172	GOM_TRA_1PNPDK20110715_141721_000000543104_00298_49019_6500.N1	15-JUL-2011 14:17:21	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	49019	No
173	GOM_TRA_1PNPDK20110715_142306_000000493104_00298_49019_6501.N1	15-JUL-2011 14:23:06	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	49019	No
174	GOM_TRA_1PNPDK20110715_142441_000000473104_00298_49019_6502.N1	15-JUL-2011 14:24:41	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49019	No
175	GOM_TRA_1PNPDK20110715_142753_000000523104_00298_49019_6503.N1	15-JUL-2011 14:27:53	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	49019	No
176	GOM_TRA_1PNPDK20110715_143657_000000393104_00298_49019_6507.N1	15-JUL-2011 14:36:57	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	49019	No
177	GOM_TRA_1PNPDK20110715_144732_000000403104_00298_49019_6508.N1	15-JUL-2011 14:47:32	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	49019	No
178	GOM_TRA_1PNPDK20110715_145434_000000413104_00298_49019_6509.N1	15-JUL-2011 14:54:34	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	49019	No
179	GOM_TRA_1PNPDK20110715_145744_000000413104_00298_49019_6510.N1	15-JUL-2011 14:57:44	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	49019	No
180	GOM_TRA_1PNPDK20110715_150453_000000403104_00298_49019_6511.N1	15-JUL-2011 15:04:53	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49019	No
181	GOM_TRA_1PNPDK20110715_151341_000000523104_00298_49019_6512.N1	15-JUL-2011 15:13:41	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	49019	No
182	GOM_TRA_1PNPDK20110715_151845_000000593104_00298_49019_6513.N1	15-JUL-2011 15:18:45	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	49019	No
183	GOM_TRA_1PNPDK20110715_152006_000000603104_00298_49019_6514.N1	15-JUL-2011 15:20:06	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	49019	No
184	GOM_TRA_1PNPDK20110715_152301_000000583104_00298_49019_6515.N1	15-JUL-2011 15:23:01	Bright	58.000	79	26Bet Per	2.3100	13100.	116	49019	No
185	GOM_TRA_1PNPDK20110715_152556_000000473104_00298_49019_6516.N1	15-JUL-2011 15:25:56	Tw_i_and_stray	47.000	150	44Zet Per	2.8900	28000.	94	49019	No
186	GOM_TRA_1PNPDK20110715_152830_000000453104_00298_49019_6517.N1	15-JUL-2011 15:28:30	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49019	No
187	GOM_TRA_1PNPDK20110715_153005_000000473104_00298_49019_6518.N1	15-JUL-2011 15:30:05	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	49019	No

188	GOM_TRA_1PNPDK20110715_153628_000000593104_00298_49019_6519.N1	15-JUL-2011 15:36:28	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	49019	No
189	GOM_TRA_1PNPDK20110715_153930_000000463104_00298_49019_6520.N1	15-JUL-2011 15:39:30	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49019	No
190	GOM_TRA_1PNPDK20110715_154829_000000423104_00298_49019_6521.N1	15-JUL-2011 15:48:29	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49019	No
191	GOM_TRA_1PNPDK20110715_155436_000000423104_00299_49020_6522.N1	15-JUL-2011 15:54:36	Dark	42.000	9	Alp Eri	0.45300	24000.	84	49020	No
192	GOM_TRA_1PNPDK20110715_155736_000000563104_00299_49020_6523.N1	15-JUL-2011 15:57:36	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	49020	No
193	GOM_TRA_1PNPDK20110715_160321_000000503104_00299_49020_6524.N1	15-JUL-2011 16:03:21	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	49020	No
194	GOM_TRA_1PNPDK20110715_160456_000000483104_00299_49020_6525.N1	15-JUL-2011 16:04:56	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49020	No
195	GOM_TRA_1PNPDK20110715_160807_000000513104_00299_49020_6526.N1	15-JUL-2011 16:08:07	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49020	No
196	GOM_TRA_1PNPDK20110715_161711_000000393104_00299_49020_6542.N1	15-JUL-2011 16:17:11	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	49020	No
197	GOM_TRA_1PNPDK20110715_162745_000000383104_00299_49020_6543.N1	15-JUL-2011 16:27:45	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	49020	No
198	GOM_TRA_1PNPDK20110715_163448_000000403104_00299_49020_6544.N1	15-JUL-2011 16:34:48	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	49020	No
199	GOM_TRA_1PNPDK20110715_163758_000000423104_00299_49020_6545.N1	15-JUL-2011 16:37:58	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	49020	No
200	GOM_TRA_1PNPDK20110715_164507_000000423104_00299_49020_6546.N1	15-JUL-2011 16:45:07	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49020	No
201	GOM_TRA_1PNPDK20110715_165354_000000673104_00299_49020_6547.N1	15-JUL-2011 16:53:54	Bright	67.000	76	27Gam Cas	2.3000	30000.	134	49020	No
202	GOM_TRA_1PNPDK20110715_165858_000000623104_00299_49020_6548.N1	15-JUL-2011 16:58:58	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	49020	No
203	GOM_TRA_1PNPDK20110715_170020_000000413104_00299_49020_6549.N1	15-JUL-2011 17:00:20	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	49020	No
204	GOM_TRA_1PNPDK20110715_170315_000000493104_00299_49020_6550.N1	15-JUL-2011 17:03:15	Bright	49.000	79	26Bet Per	2.3100	13100.	98	49020	No
205	GOM_TRA_1PNPDK20110715_170610_000000453104_00299_49020_6551.N1	15-JUL-2011 17:06:10	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	49020	No
206	GOM_TRA_1PNPDK20110715_170844_000000463104_00299_49020_6552.N1	15-JUL-2011 17:08:44	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49020	No
207	GOM_TRA_1PNPDK20110715_171019_000000473104_00299_49020_6553.N1	15-JUL-2011 17:10:19	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	49020	No
208	GOM_TRA_1PNPDK20110715_171642_000000593104_00299_49020_6554.N1	15-JUL-2011 17:16:42	Dark	59.000	94	92Alp Cet	2.5260	3100.0	118	49020	No
209	GOM_TRA_1PNPDK20110715_171945_000000463104_00299_49020_6555.N1	15-JUL-2011 17:19:45	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49020	No
210	GOM_TRA_1PNPDK20110715_172844_000000443104_00299_49020_6556.N1	15-JUL-2011 17:28:44	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49020	No
211	GOM_TRA_1PNPDK20110715_173451_000000453104_00300_49021_6557.N1	15-JUL-2011 17:34:51	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49021	No
212	GOM_TRA_1PNPDK20110715_173751_000000543104_00300_49021_6558.N1	15-JUL-2011 17:37:51	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	49021	No
213	GOM_TRA_1PNPDK20110715_174335_000000493104_00300_49021_6559.N1	15-JUL-2011 17:43:35	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	49021	No
214	GOM_TRA_1PNPDK20110715_174510_000000473104_00300_49021_6560.N1	15-JUL-2011 17:45:10	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49021	No
215	GOM_TRA_1PNPDK20110715_174822_000000513104_00300_49021_6561.N1	15-JUL-2011 17:48:22	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	49021	No
216	GOM_TRA_1PNPDK20110715_175725_000000393104_00300_49021_6575.N1	15-JUL-2011 17:57:25	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	49021	No
217	GOM_TRA_1PNPDK20110715_180759_000000403104_00300_49021_6576.N1	15-JUL-2011 18:07:59	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	49021	No
218	GOM_TRA_1PNPDK20110715_181501_000000353104_00300_49021_6577.N1	15-JUL-2011 18:15:01	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	49021	No
219	GOM_TRA_1PNPDK20110715_181812_000000433104_00300_49021_6578.N1	15-JUL-2011 18:18:12	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	49021	No
220	GOM_TRA_1PNPDK20110715_182520_000000443104_00300_49021_6579.N1	15-JUL-2011 18:25:20	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	49021	No
221	GOM_TRA_1PNPDK20110715_183408_000000503104_00300_49021_6580.N1	15-JUL-2011 18:34:08	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	49021	No
222	GOM_TRA_1PNPDK20110715_183912_000000463104_00300_49021_6581.N1	15-JUL-2011 18:39:12	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	49021	No
223	GOM_TRA_1PNPDK20110715_184034_000000603104_00300_49021_6582.N1	15-JUL-2011 18:40:34	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	49021	No
224	GOM_TRA_1PNPDK20110715_184329_000000453104_00300_49021_6583.N1	15-JUL-2011 18:43:29	Bright	44.500	79	26Bet Per	2.3100	13100.	89	49021	No
225	GOM_TRA_1PNPDK20110715_184624_000000463104_00300_49021_6584.N1	15-JUL-2011 18:46:24	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	49021	No
226	GOM_TRA_1PNPDK20110715_184859_000000453104_00300_49021_6585.N1	15-JUL-2011 18:48:59	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49021	No
227	GOM_TRA_1PNPDK20110715_185034_000000463104_00300_49021_6586.N1	15-JUL-2011 18:50:34	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	49021	No
228	GOM_TRA_1PNPDK20110715_185657_000000623104_00300_49021_6579.N1	15-JUL-2011 18:56:57	Dark	62.000	94	92Alp Cet	2.5260	3100.0	124	49021	Yes
229	GOM_TRA_1PNPDK20110715_185959_000000463104_00300_49021_6580.N1	15-JUL-2011 18:59:59	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	49021	No
230	GOM_TRA_1PNPDK20110715_190858_000000423104_00300_49021_6581.N1	15-JUL-2011 19:08:58	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49021	No
231	GOM_TRA_1PNPDK20110715_191505_000000503104_00301_49022_6582.N1	15-JUL-2011 19:15:05	Dark	50.000	9	Alp Eri	0.45300	24000.	100	49022	No
232	GOM_TRA_1PNPDK20110715_191806_000000573104_00301_49022_6583.N1	15-JUL-2011 19:18:06	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	49022	No
233	GOM_TRA_1PNPDK20110715_192350_000000493104_00301_49022_6584.N1	15-JUL-2011 19:23:50	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	49022	No
234	GOM_TRA_1PNPDK20110715_192525_000000473104_00301_49022_6585.N1	15-JUL-2011 19:25:25	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49022	No
235	GOM_TRA_1PNPDK20110715_192837_000000503104_00301_49022_6608.N1	15-JUL-2011 19:28:37	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49022	Yes
236	GOM_TRA_1PNPDK20110715_193739_000000393104_00301_49022_6609.N1	15-JUL-2011 19:37:39	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	49022	No
237	GOM_TRA_1PNPDK20110715_194813_000000413104_00301_49022_6610.N1	15-JUL-2011 19:48:13	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	49022	No
238	GOM_TRA_1PNPDK20110715_195515_000000383104_00301_49022_6611.N1	15-JUL-2011 19:55:15	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	49022	No
239	GOM_TRA_1PNPDK20110715_195825_000000423104_00301_49022_6612.N1	15-JUL-2011 19:58:25	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	49022	No
240	GOM_TRA_1PNPDK20110715_200534_000000443104_00301_49022_6613.N1	15-JUL-2011 20:05:34	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	49022	No
241	GOM_TRA_1PNPDK20110715_201421_000000463104_00301_49022_6614.N1	15-JUL-2011 20:14:21	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	49022	No
242	GOM_TRA_1PNPDK20110715_201926_000000523104_00301_49022_6615.N1	15-JUL-2011 20:19:26	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	49022	No
243	GOM_TRA_1PNPDK20110715_202047_000000483104_00301_49022_6616.N1	15-JUL-2011 20:20:47	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	49022	No
244	GOM_TRA_1PNPDK20110715_202343_000000473104_00301_49022_6617.N1	15-JUL-2011 20:23:43	Bright	46.500	79	26Bet Per	2.3100	13100.	93	49022	No
245	GOM_TRA_1PNPDK20110715_202638_000000463104_00301_49022_6618.N1	15-JUL-2011 20:26:38	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	49022	No
246	GOM_TRA_1PNPDK20110715_202913_000000453104_00301_49022_6619.N1	15-JUL-2011 20:29:13	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	49022	No

247	GOM_TRA_1PNPDK20110715_203048_000000463104_00301_49022_6620.N1	15-JUL-2011 20:30:48	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	49022	No
248	GOM_TRA_1PNPDK20110715_203712_000000583104_00301_49022_6621.N1	15-JUL-2011 20:37:12	Dark	58.000	94	92Alp Cet	2.5260	3100.0	116	49022	No
249	GOM_TRA_1PNPDK20110715_204014_000000473104_00301_49022_6622.N1	15-JUL-2011 20:40:14	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	49022	No
250	GOM_TRA_1PNPDK20110715_204913_000000433104_00301_49022_6623.N1	15-JUL-2011 20:49:13	Dark	42.500	157	The1Eri	2.9060	9300.0	85	49022	No
251	GOM_TRA_1PNPDK20110715_205520_000000533104_00302_49023_6624.N1	15-JUL-2011 20:55:20	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49023	No
252	GOM_TRA_1PNPDK20110715_205821_000000583104_00302_49023_6625.N1	15-JUL-2011 20:58:21	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	49023	No
253	GOM_TRA_1PNPDK20110715_210405_000000493104_00302_49023_6626.N1	15-JUL-2011 21:04:05	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	49023	No
254	GOM_TRA_1PNPDK20110715_210540_000000463104_00302_49023_6627.N1	15-JUL-2011 21:05:40	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49023	No
255	GOM_TRA_1PNPDK20110715_210851_000000523104_00302_49023_6628.N1	15-JUL-2011 21:08:51	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	49023	No
256	GOM_TRA_1PNPDE20110715_211753_000000393104_00302_49023_3740.N1	15-JUL-2011 21:17:53	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	49023	No
257	GOM_TRA_1PNPDE20110715_212827_000000413104_00302_49023_3741.N1	15-JUL-2011 21:28:27	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	49023	No
258	GOM_TRA_1PNPDE20110715_213529_000000353104_00302_49023_3742.N1	15-JUL-2011 21:35:29	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	49023	No
259	GOM_TRA_1PNPDE20110715_213838_000000423104_00302_49023_3743.N1	15-JUL-2011 21:38:38	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	49023	No
260	GOM_TRA_1PNPDE20110715_214547_000000443104_00302_49023_3744.N1	15-JUL-2011 21:45:47	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49023	No
261	GOM_TRA_1PNPDE20110715_215435_000000693104_00302_49023_3745.N1	15-JUL-2011 21:54:35	Bright	69.000	76	27Gam Cas	2.3000	30000.	138	49023	No
262	GOM_TRA_1PNPDE20110715_215940_000000613104_00302_49023_3746.N1	15-JUL-2011 21:59:40	Bright	60.500	160	23Gam Per	2.9300	4700.0	121	49023	No
263	GOM_TRA_1PNPDE20110715_220101_000000423104_00302_49023_3747.N1	15-JUL-2011 22:01:01	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	49023	No
264	GOM_TRA_1PNPDE20110715_220357_000000473104_00302_49023_3748.N1	15-JUL-2011 22:03:57	Bright	46.500	79	26Bet Per	2.3100	13100.	93	49023	No
265	GOM_TRA_1PNPDE20110715_220652_000000453104_00302_49023_3749.N1	15-JUL-2011 22:06:52	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	49023	No
266	GOM_TRA_1PNPDE20110715_220927_000000463104_00302_49023_3750.N1	15-JUL-2011 22:09:27	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	49023	No
267	GOM_TRA_1PNPDE20110715_221102_000000463104_00302_49023_3751.N1	15-JUL-2011 22:11:02	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	49023	No
268	GOM_TRA_1PNPDE20110715_221727_000000633104_00302_49023_3752.N1	15-JUL-2011 22:17:27	Dark	62.500	94	92Alp Cet	2.5260	3100.0	125	49023	No
269	GOM_TRA_1PNPDE20110715_222028_000000473104_00302_49023_3766.N1	15-JUL-2011 22:20:28	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	49023	No
270	GOM_TRA_1PNPDE20110715_222928_000000423104_00302_49023_3767.N1	15-JUL-2011 22:29:28	Dark	41.500	157	The1Eri	2.9060	9300.0	83	49023	No
271	GOM_TRA_1PNPDE20110715_223534_000000523104_00303_49024_3768.N1	15-JUL-2011 22:35:34	Dark	52.000	9	Alp Eri	0.45300	24000.	104	49024	No
272	GOM_TRA_1PNPDE20110715_223837_000000563104_00303_49024_3769.N1	15-JUL-2011 22:38:37	Dark	55.500	84	Alp Phe	2.3970	4500.0	111	49024	No
273	GOM_TRA_1PNPDE20110715_224420_000000603104_00303_49024_3770.N1	15-JUL-2011 22:44:20	Straylight	60.000	63	Bet Gru	2.1500	2800.0	120	49024	No
274	GOM_TRA_1PNPDE20110715_224554_000000573104_00303_49024_3771.N1	15-JUL-2011 22:45:54	Straylight	56.500	31	Alp Gru	1.7340	15200.	113	49024	No
275	GOM_TRA_1PNPDE20110715_224906_000000533104_00303_49024_3772.N1	15-JUL-2011 22:49:06	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	49024	No
276	GOM_TRA_1PNPDE20110715_225807_000000403104_00303_49024_3773.N1	15-JUL-2011 22:58:07	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	49024	No
277	GOM_TRA_1PNPDE20110715_230841_000000383104_00303_49024_3774.N1	15-JUL-2011 23:08:41	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	49024	No
278	GOM_TRA_1PNPDE20110715_231543_000000373104_00303_49024_3775.N1	15-JUL-2011 23:15:43	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	49024	No
279	GOM_TRA_1PNPDE20110715_231852_000000403104_00303_49024_3776.N1	15-JUL-2011 23:18:52	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49024	No
280	GOM_TRA_1PNPDE20110715_232600_000000443104_00303_49024_3777.N1	15-JUL-2011 23:26:00	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	49024	No
281	GOM_TRA_1PNPDE20110715_233448_000000483104_00303_49024_3778.N1	15-JUL-2011 23:34:48	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49024	No
282	GOM_TRA_1PNPDE20110715_233953_000000623104_00303_49024_3779.N1	15-JUL-2011 23:39:53	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	49024	No
283	GOM_TRA_1PNPDE20110715_234115_000000563104_00303_49024_3780.N1	15-JUL-2011 23:41:15	Bright	55.500	35	33Alp Per	1.7950	6250.0	111	49024	No
284	GOM_TRA_1PNPDE20110715_234411_000000473104_00303_49024_3781.N1	15-JUL-2011 23:44:11	Bright	47.000	79	26Bet Per	2.3100	13100.	94	49024	No
285	GOM_TRA_1PNPDE20110715_234706_000000453104_00303_49024_3782.N1	15-JUL-2011 23:47:06	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	49024	No
286	GOM_TRA_1PNPDE20110715_234941_000000443104_00303_49024_3783.N1	15-JUL-2011 23:49:41	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	49024	No
287	GOM_TRA_1PNPDE20110715_235116_000000433104_00303_49024_3784.N1	15-JUL-2011 23:51:16	Twilight	42.500	13	87Alp Tau	0.86700	3800.0	85	49024	No
288	GOM_TRA_1PNPDE20110715_235741_000000613104_00303_49024_3785.N1	15-JUL-2011 23:57:41	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	49024	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).

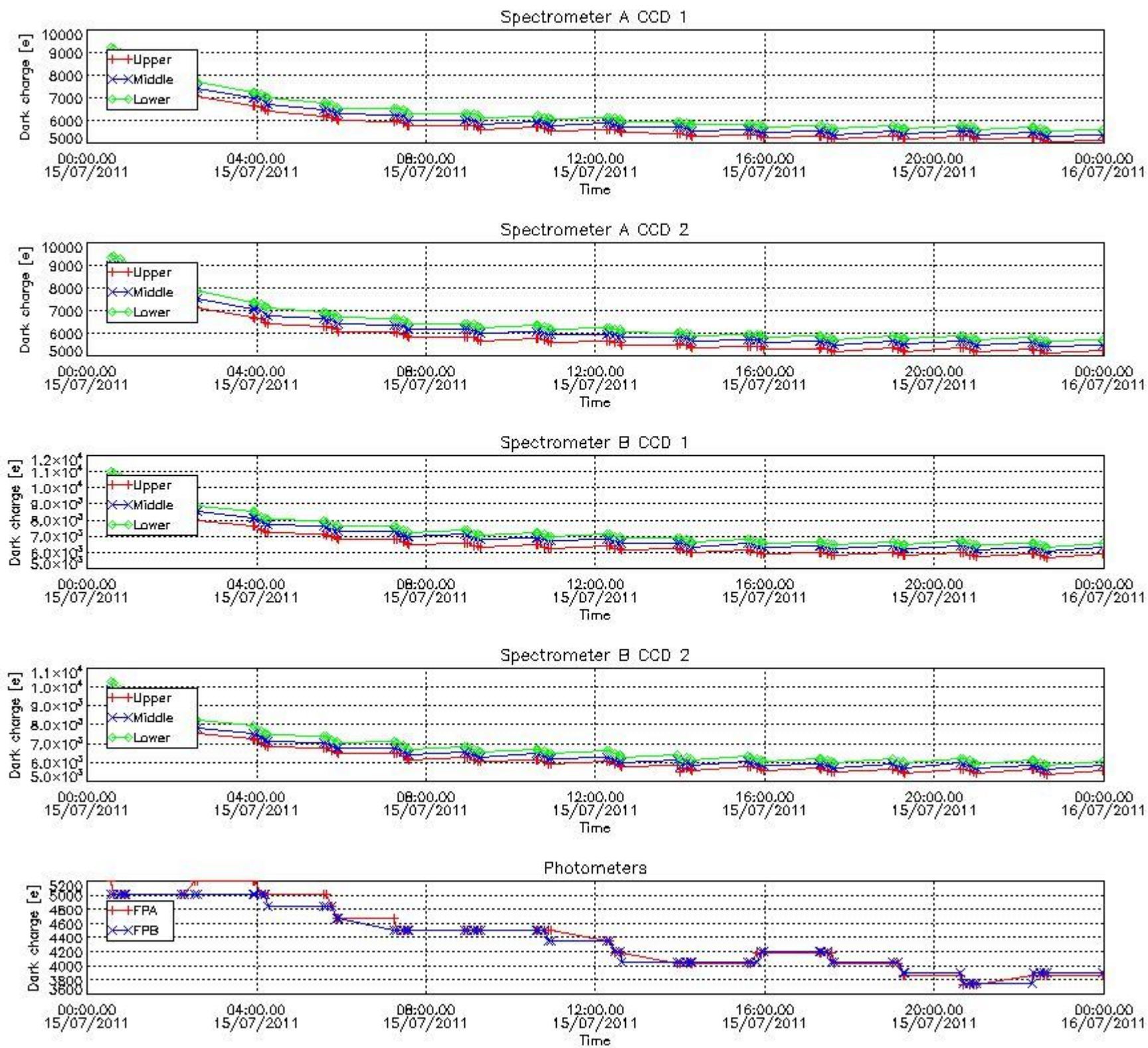
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDK20110715_175725_000000393104_00300_49021_6575.N1	DC map used
GOM_TRA_1PNPDK20110715_180759_000000403104_00300_49021_6576.N1	DC map used
GOM_TRA_1PNPDK20110715_181501_000000353104_00300_49021_6577.N1	DC map used
GOM_TRA_1PNPDK20110715_181812_000000433104_00300_49021_6578.N1	DC map used
GOM_TRA_1PNPDK20110715_182520_000000443104_00300_49021_6579.N1	DC map used
GOM_TRA_1PNPDK20110715_183408_000000503104_00300_49021_6580.N1	DC map used
GOM_TRA_1PNPDK20110715_183912_000000463104_00300_49021_6581.N1	DC map used
GOM_TRA_1PNPDK20110715_184034_000000603104_00300_49021_6582.N1	DC map used
GOM_TRA_1PNPDK20110715_184329_000000453104_00300_49021_6583.N1	DC map used
GOM_TRA_1PNPDK20110715_184624_000000463104_00300_49021_6584.N1	DC map used
GOM_TRA_1PNPDK20110715_184859_000000453104_00300_49021_6585.N1	DC map used
GOM_TRA_1PNPDK20110715_185034_000000463104_00300_49021_6586.N1	DC map used
GOM_TRA_1PNPDE20110715_211753_000000393104_00302_49023_3740.N1	DC map used
GOM_TRA_1PNPDE20110715_212827_000000413104_00302_49023_3741.N1	DC map used

GOM_TRA_1PNPDE20110715_213529_000000353104_00302_49023_3742.N1	DC map used
GOM_TRA_1PNPDE20110715_213838_000000423104_00302_49023_3743.N1	DC map used
GOM_TRA_1PNPDE20110715_214547_000000443104_00302_49023_3744.N1	DC map used
GOM_TRA_1PNPDE20110715_215435_000000693104_00302_49023_3745.N1	DC map used
GOM_TRA_1PNPDE20110715_215940_000000613104_00302_49023_3746.N1	DC map used
GOM_TRA_1PNPDE20110715_220101_000000423104_00302_49023_3747.N1	DC map used
GOM_TRA_1PNPDE20110715_220357_000000473104_00302_49023_3748.N1	DC map used
GOM_TRA_1PNPDE20110715_220652_000000453104_00302_49023_3749.N1	DC map used
GOM_TRA_1PNPDE20110715_220927_000000463104_00302_49023_3750.N1	DC map used
GOM_TRA_1PNPDE20110715_221102_000000463104_00302_49023_3751.N1	DC map used
GOM_TRA_1PNPDE20110715_221727_000000633104_00302_49023_3752.N1	DC map used

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



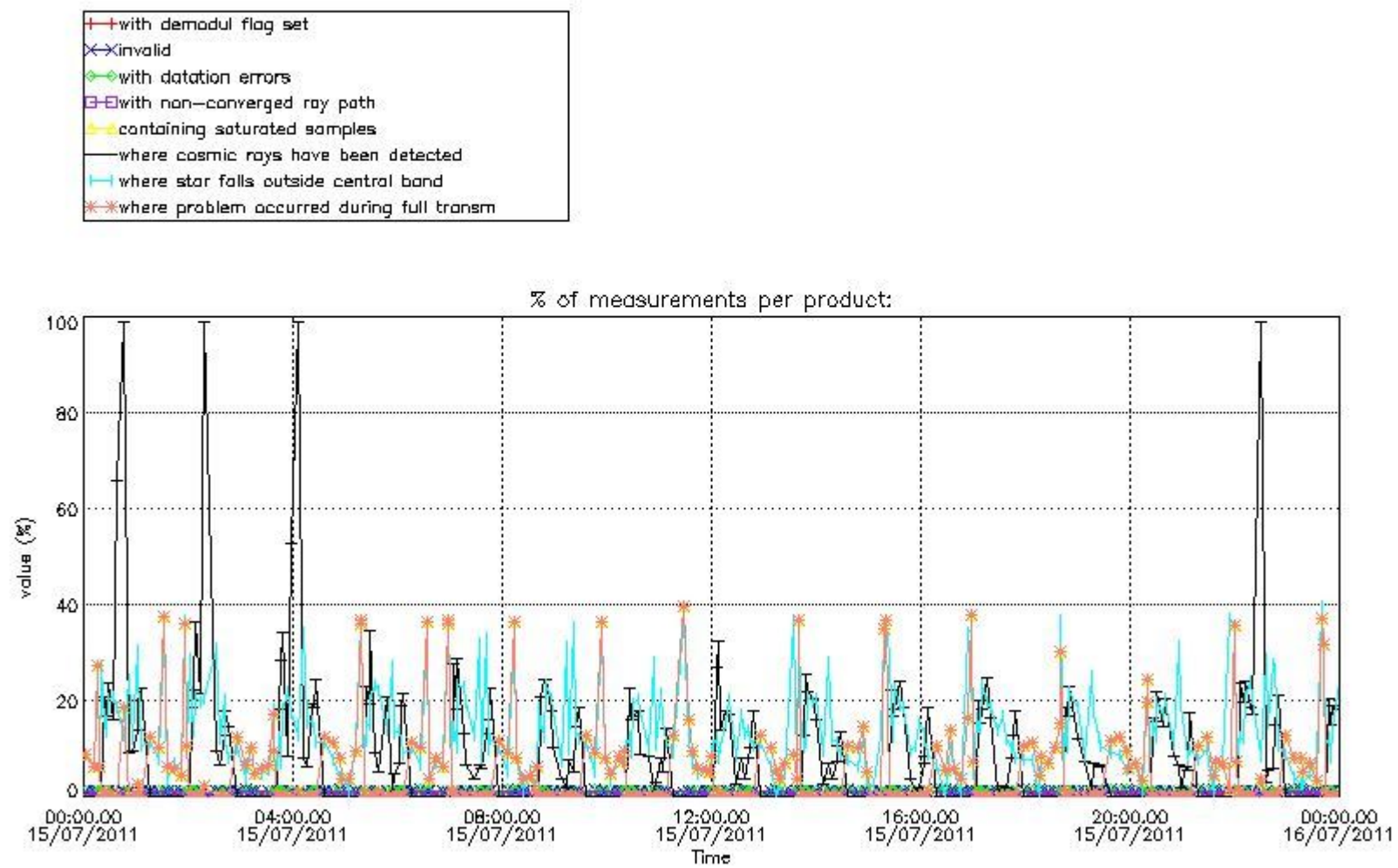
5. Demodulation flag and quality information monitoring

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.

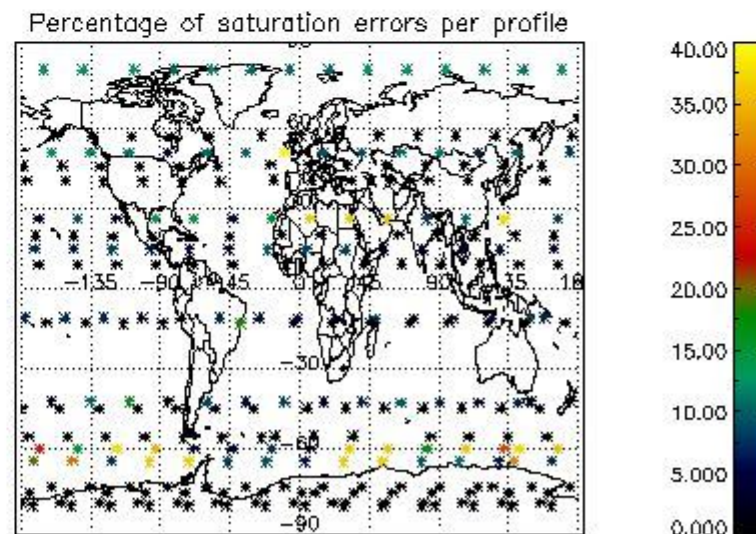
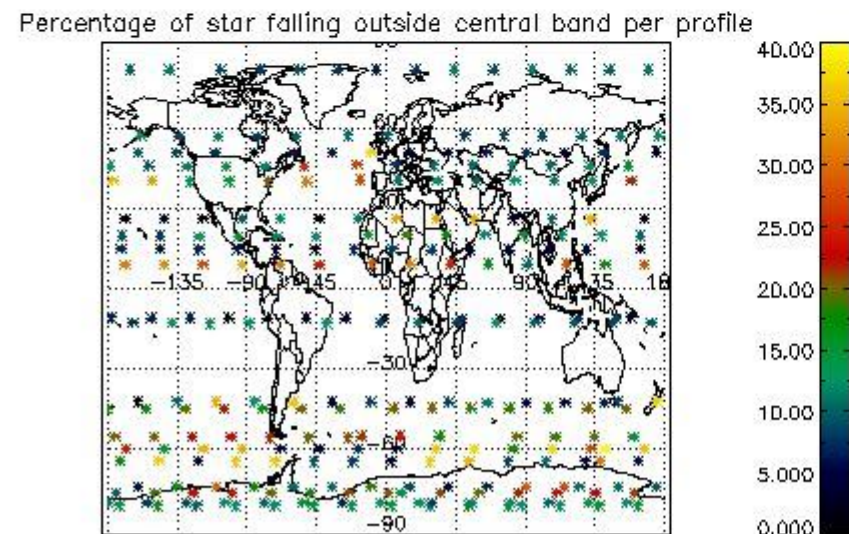
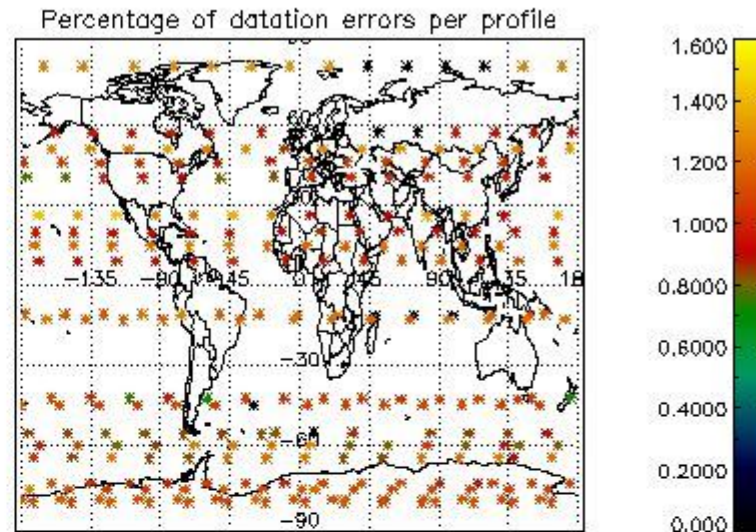
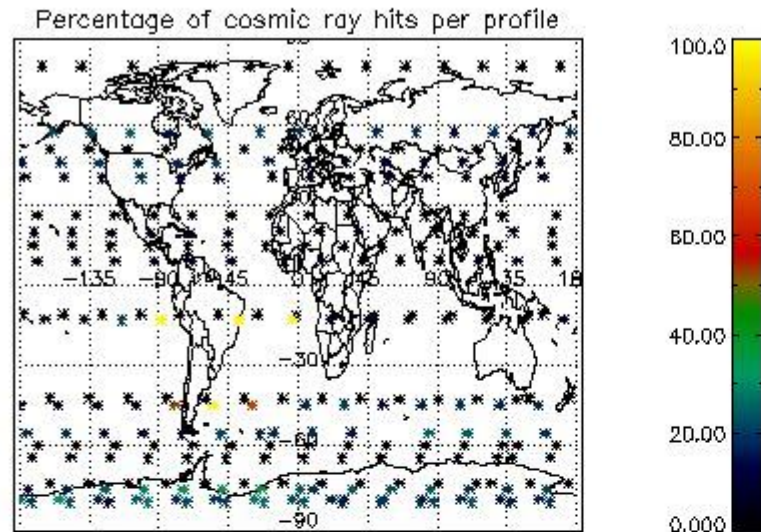
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	53.1469 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	45.8042 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



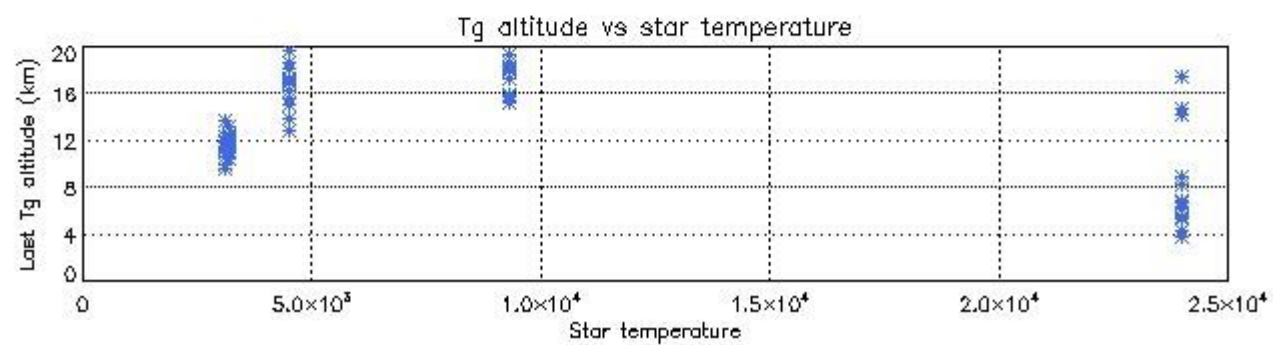
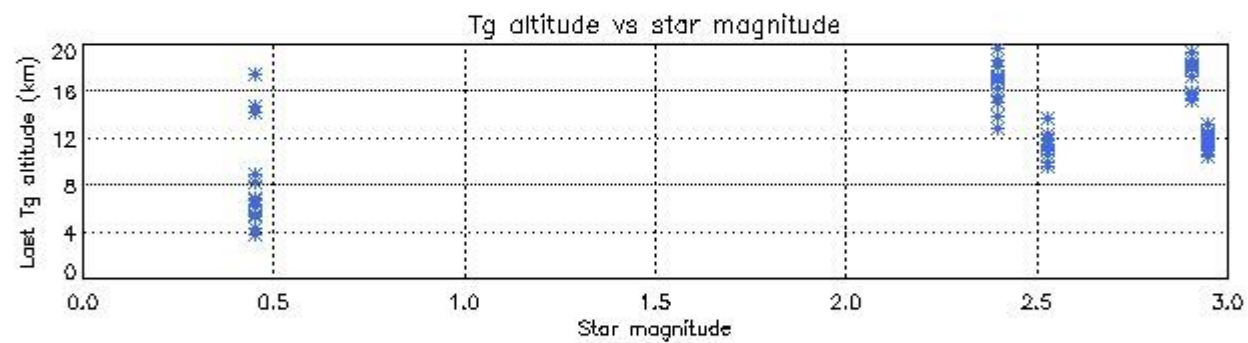
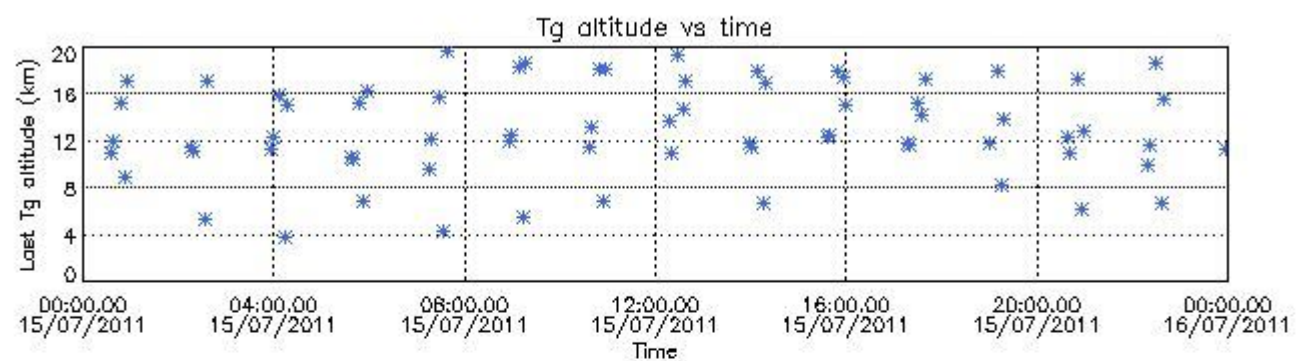
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	12.949	17.616	13.716
St. deviation:	3.9861	6.8842	2.9176
Maximum:	19.635	28.544	18.480
Minimum:	3.6805	3.0519	9.1588
Number of data:	69.000	131.00	30.000

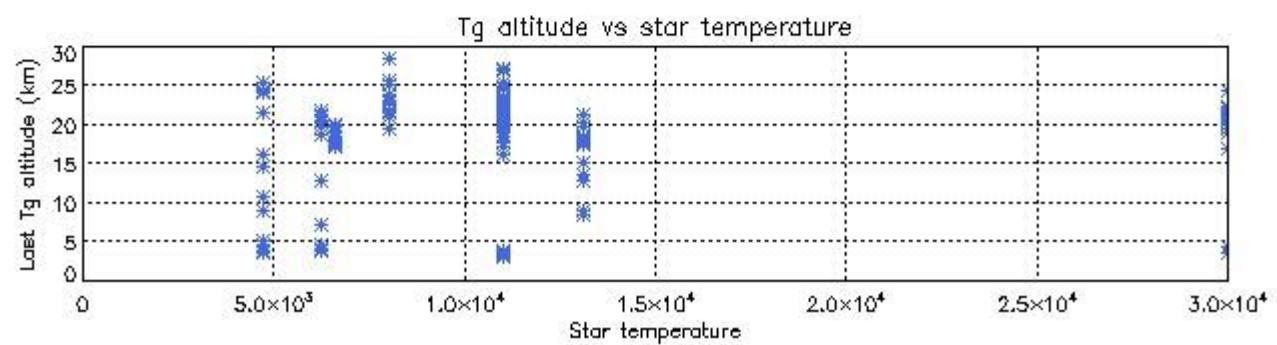
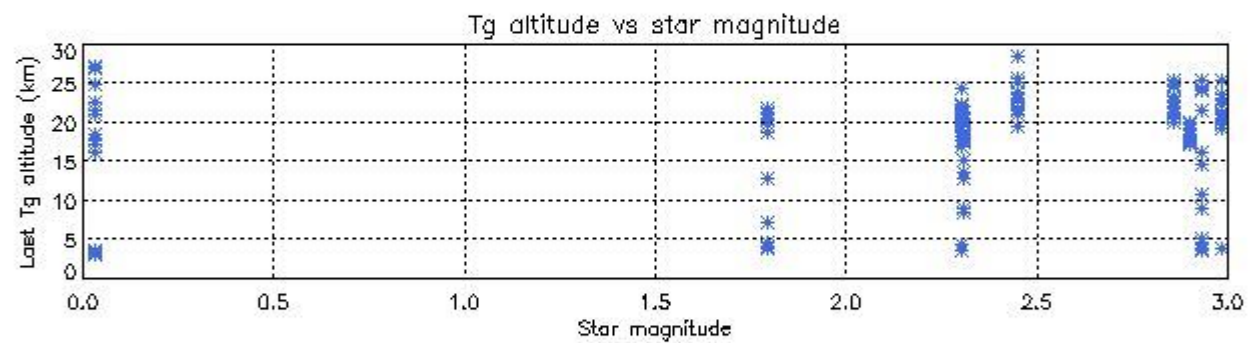
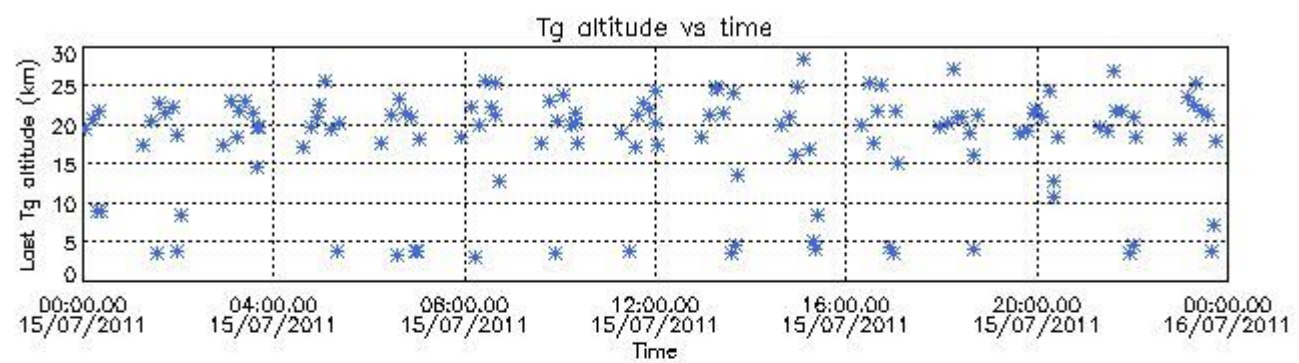
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



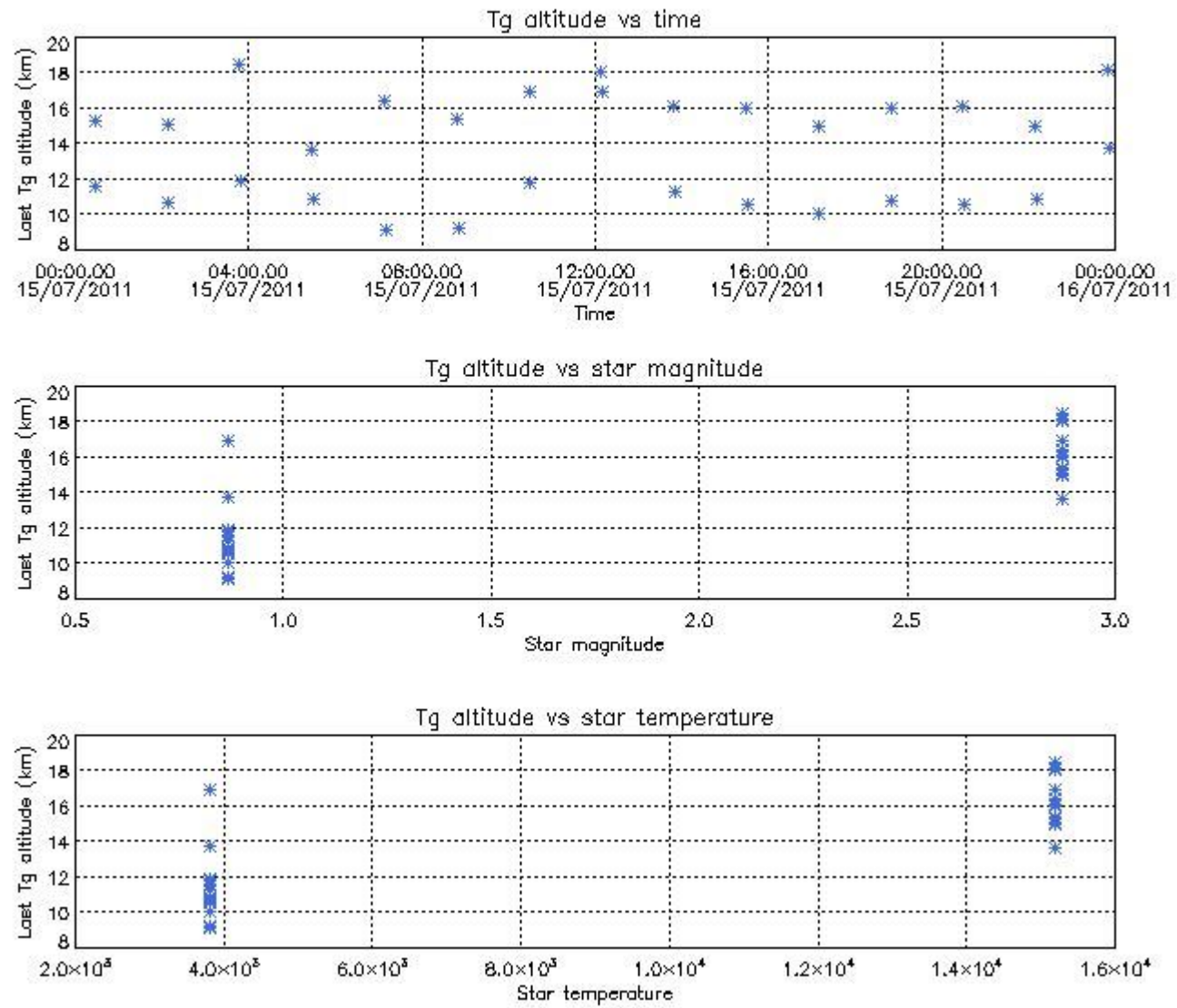
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

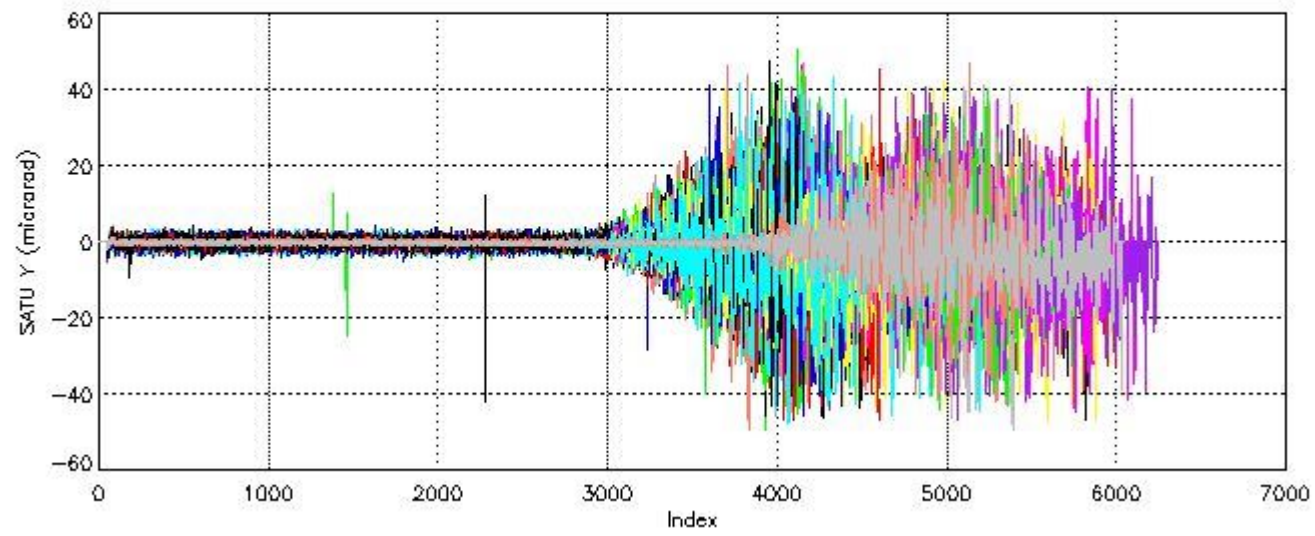
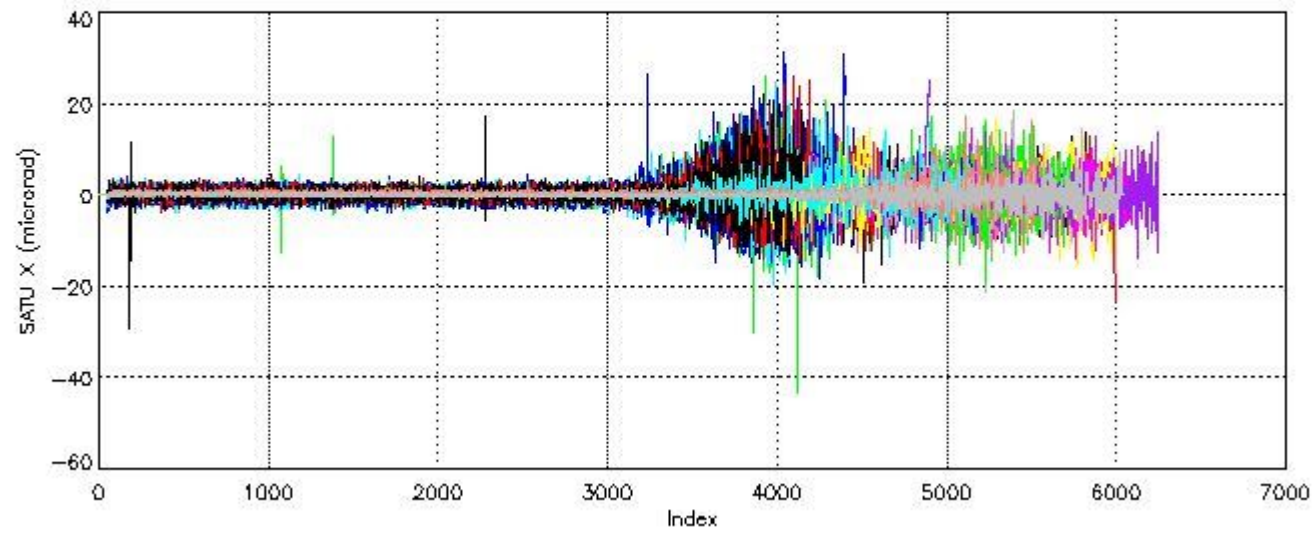


7. Star Acquisition and Tracking Unit (SATU)

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:	0.20177	-0.23436	0.20269	-0.23599
St. deviation:	0.43514	0.50282	0.88450	0.97249
Maximum:	11.500	4.4000	15.900	13.400
Minimum:	-29.500	-9.7000	-9.2000	-9.9000

Number of data:	71600.	71600.	1.2855E+05	1.2855E+05
90Percentile:	0.70000	0.30000	1.4000	1.0000

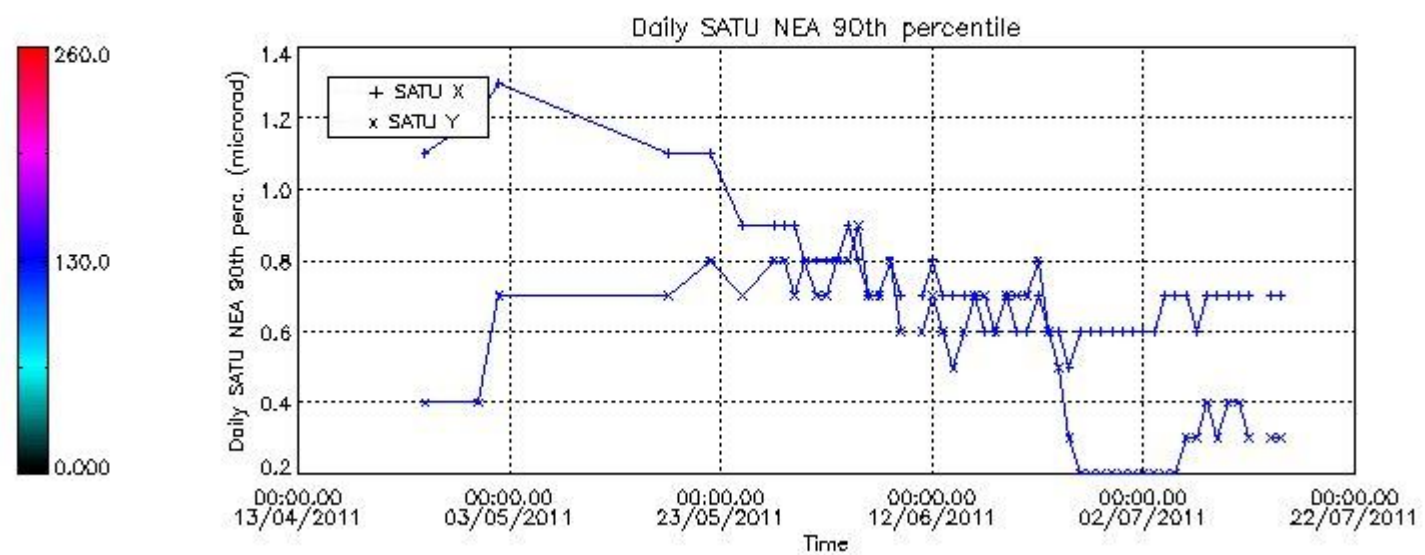
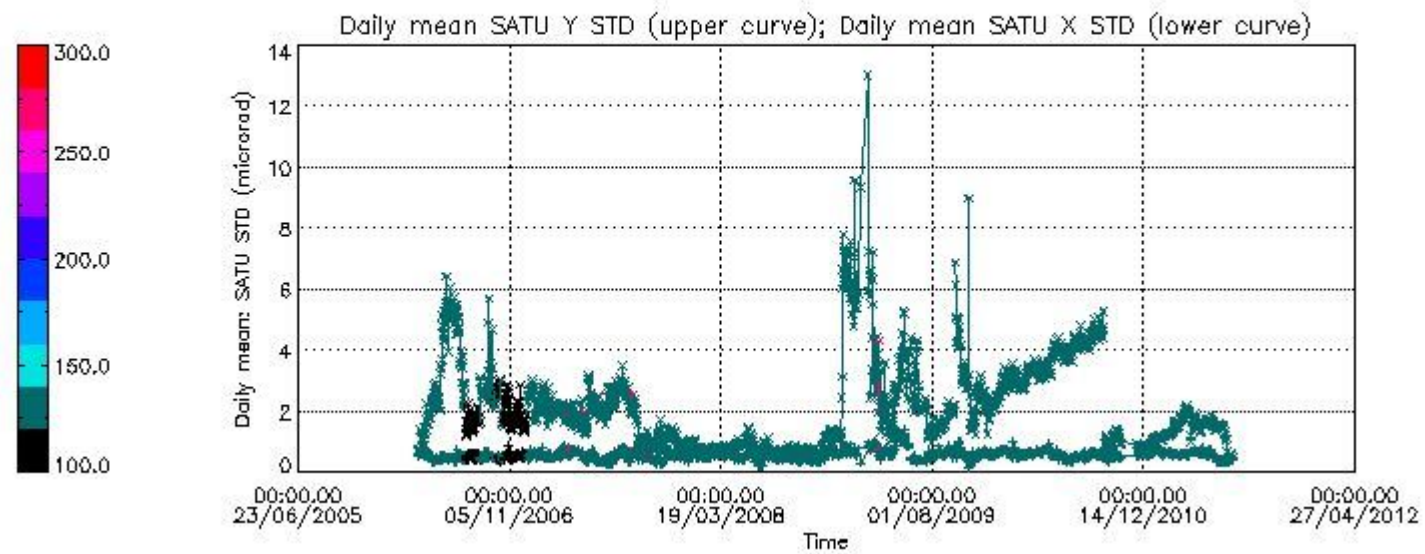
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

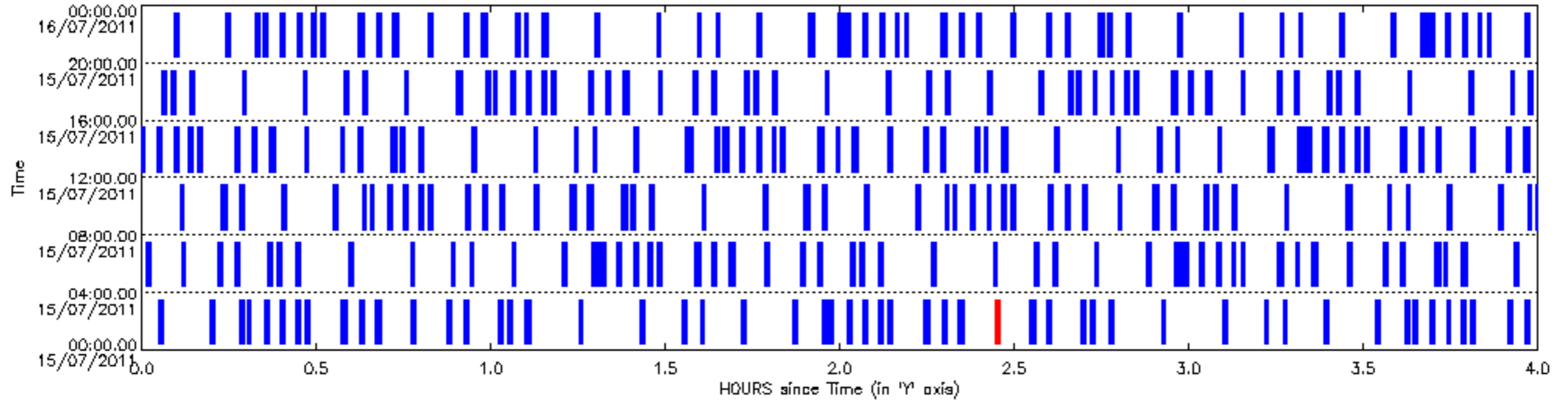
Lower curve: STD of SATU X axis

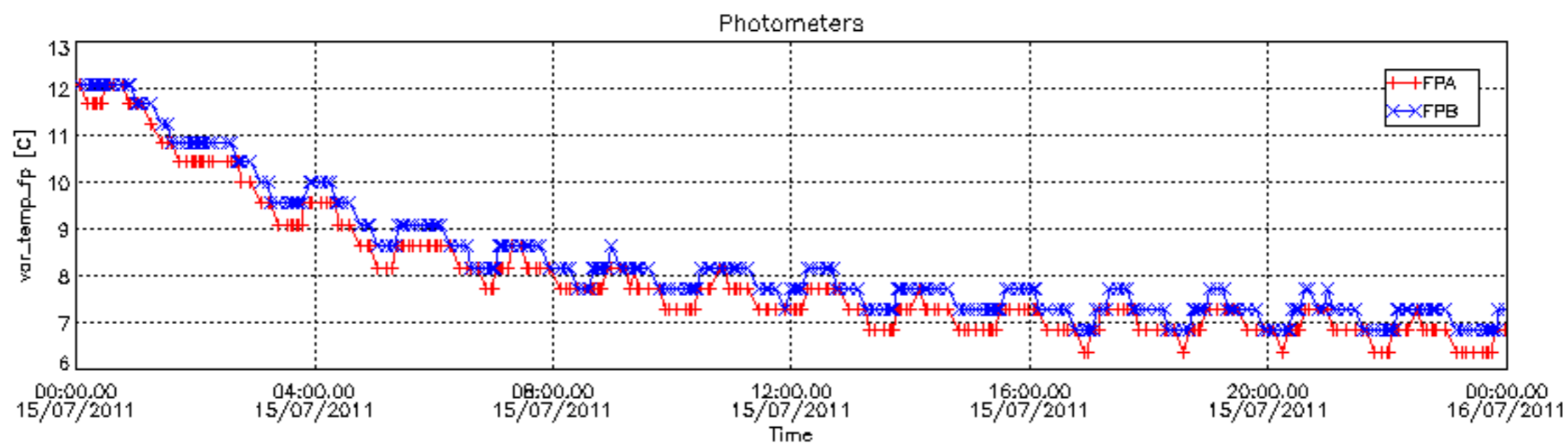
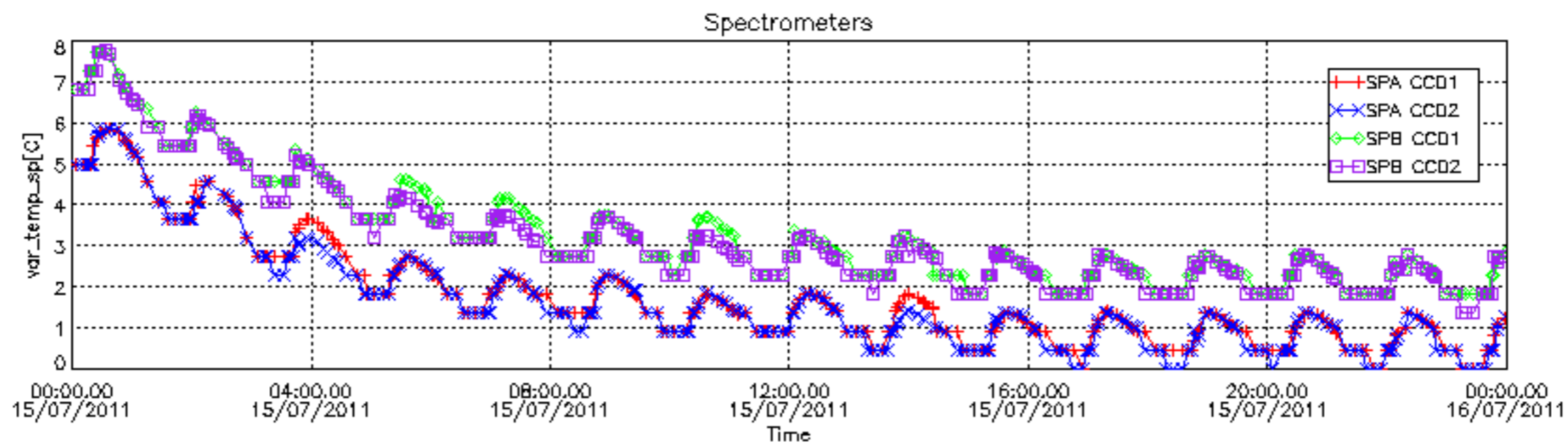


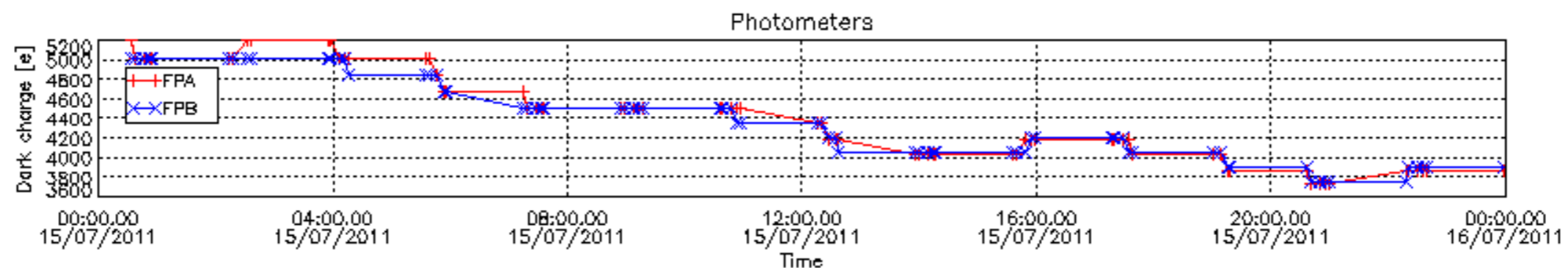
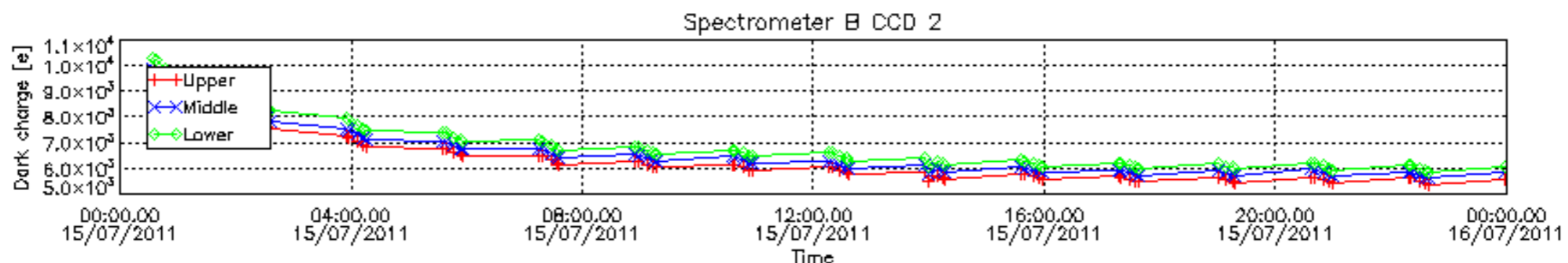
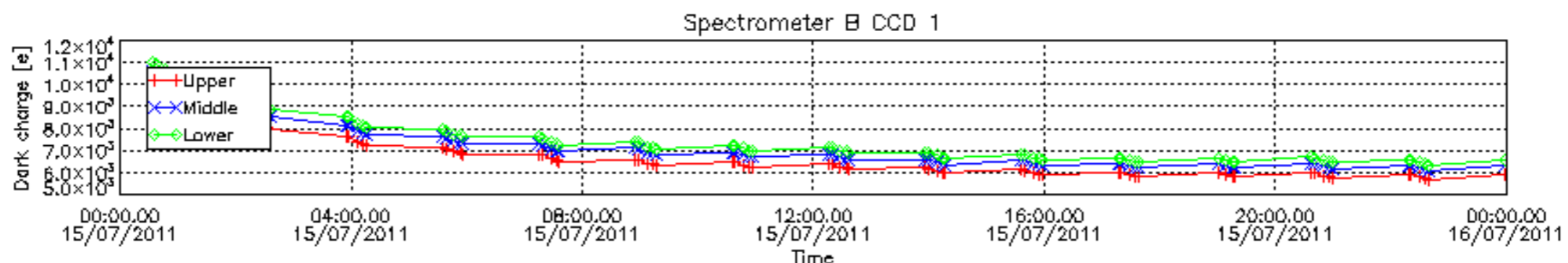
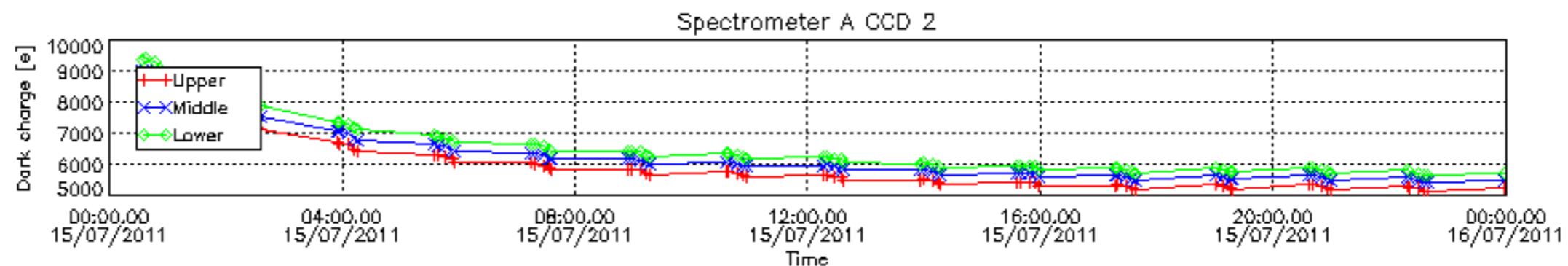
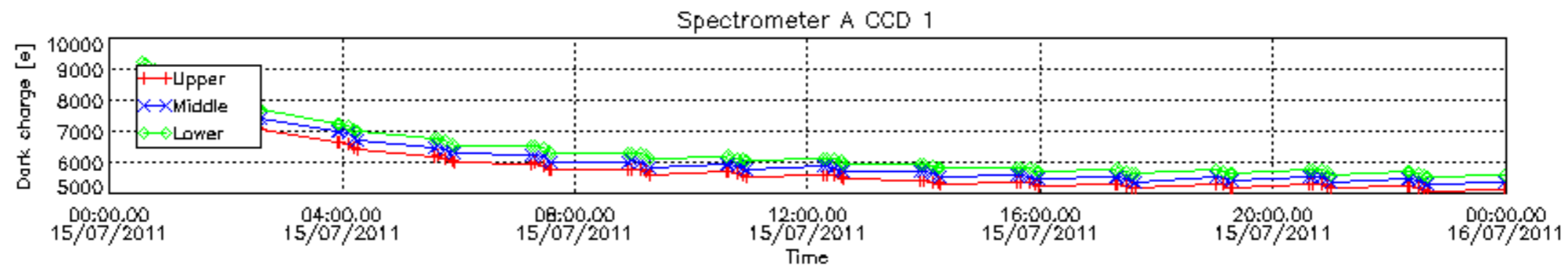
8. Auxiliary Data Files used for the production reported in section 2.4

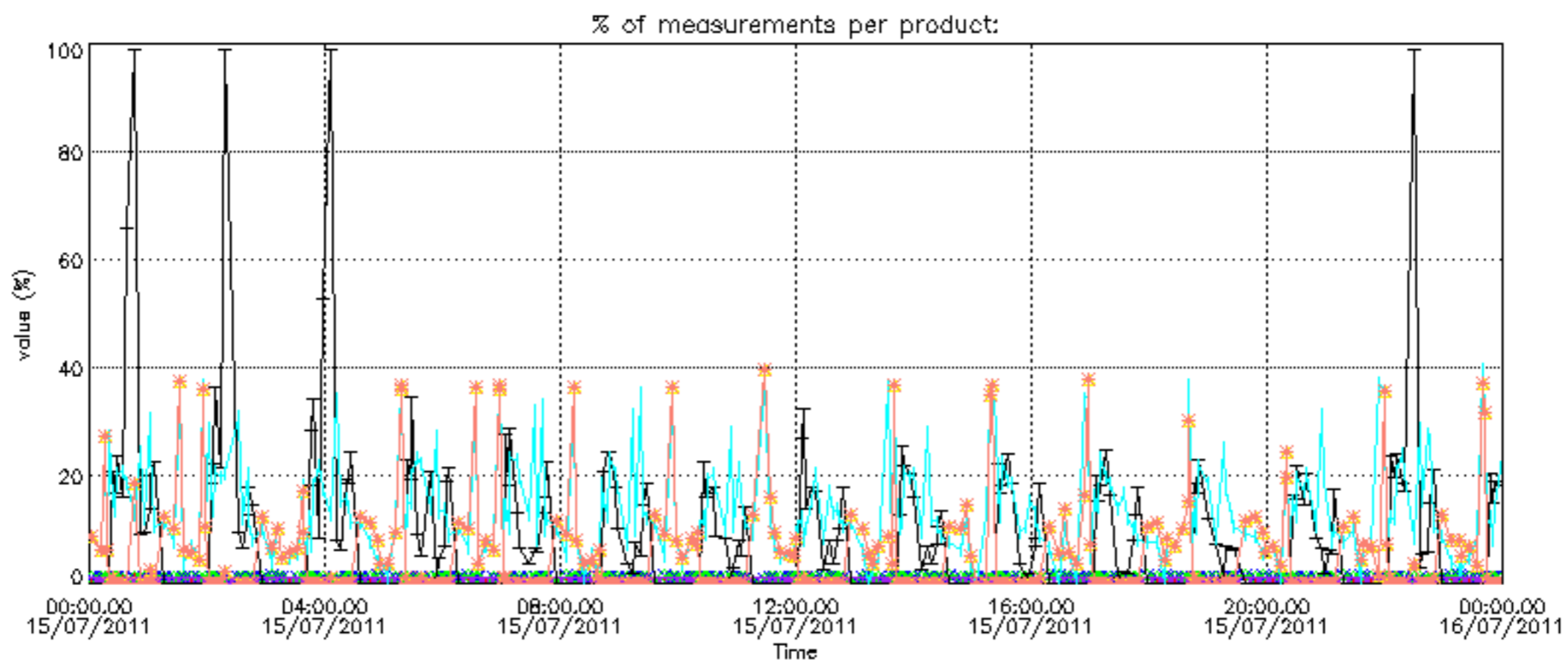
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	15-JUL-2011 00:02:53
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110711_093848_20110709_000000_20500101_000000	1	15-JUL-2011 00:02:53
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	15-JUL-2011 00:02:53
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20110513_081743_20020301_000000_20500101_000000	81	15-JUL-2011 06:52:34
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	15-JUL-2011 00:02:53
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	15-JUL-2011 00:02:53
ECMWF_FILE	AUX_ECF_AXNECM20110714_062116_20110714_210000_20110715_090000	1	15-JUL-2011 00:02:53
ECMWF_FILE	AUX_ECF_AXNECM20110714_182114_20110715_030000_20110715_150000	41	15-JUL-2011 03:32:07
ECMWF_FILE	AUX_ECA_AXNECM20110715_062114_20110714_210000_20110715_090000	61	15-JUL-2011 05:12:20
ECMWF_FILE	AUX_ECF_AXNECM20110714_182114_20110715_030000_20110715_150000	97	15-JUL-2011 08:06:36
ECMWF_FILE	AUX_ECF_AXNECM20110715_062114_20110715_090000_20110715_210000	117	15-JUL-2011 09:46:50
ECMWF_FILE	AUX_ECF_AXNECM20110715_062115_20110715_150000_20110716_030000	196	15-JUL-2011 16:17:11
ECMWF_FILE	AUX_ECA_AXNECM20110715_181253_20110715_090000_20110715_210000	216	15-JUL-2011 17:57:25
ECMWF_FILE	AUX_ECF_AXNECM20110715_062115_20110715_150000_20110716_030000	235	15-JUL-2011 19:28:37
ECMWF_FILE	AUX_ECF_AXNECM20110715_062116_20110715_210000_20110716_090000	256	15-JUL-2011 21:17:53
OPTIONAL_ECMWF_FILE	MISSING	1	15-JUL-2011 00:02:53
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110714_222028_20110713_184544_20110723_205930	1	15-JUL-2011 00:02:53
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110715_101252_20110714_194914_20110724_202248	117	15-JUL-2011 09:46:50

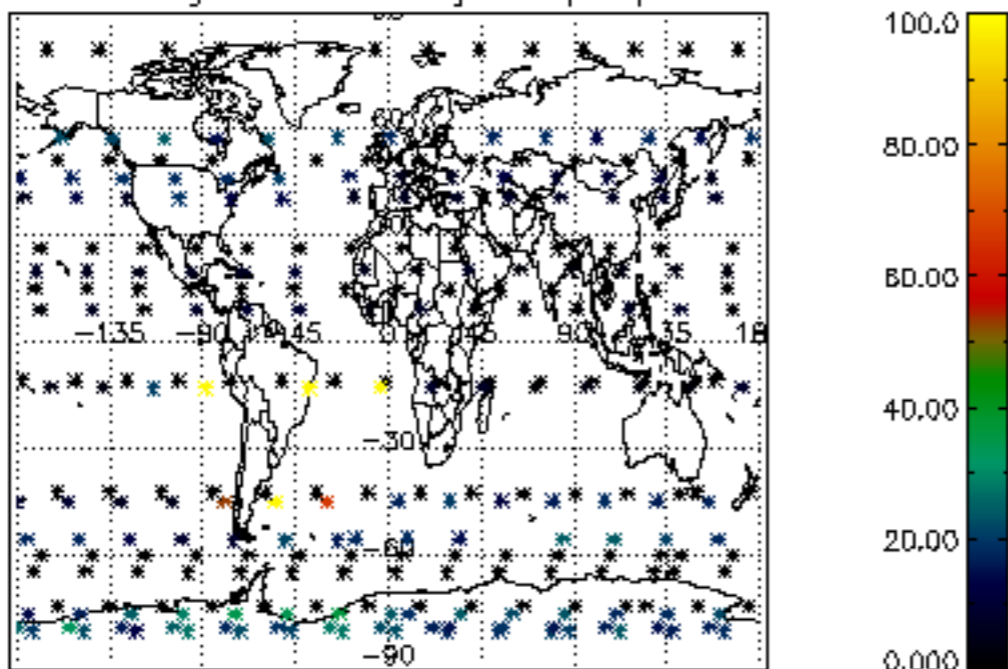




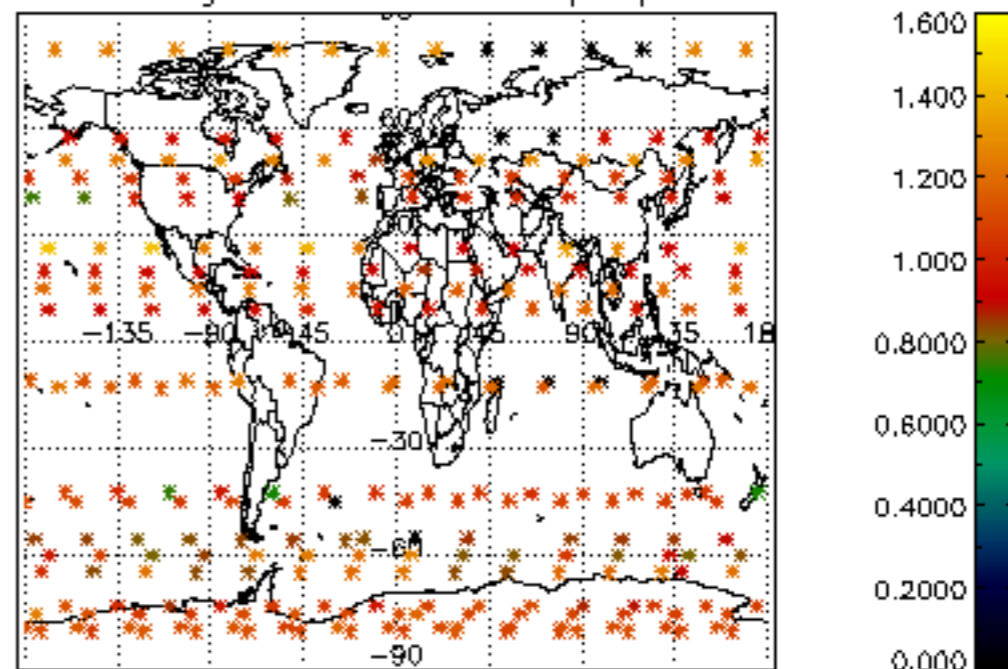




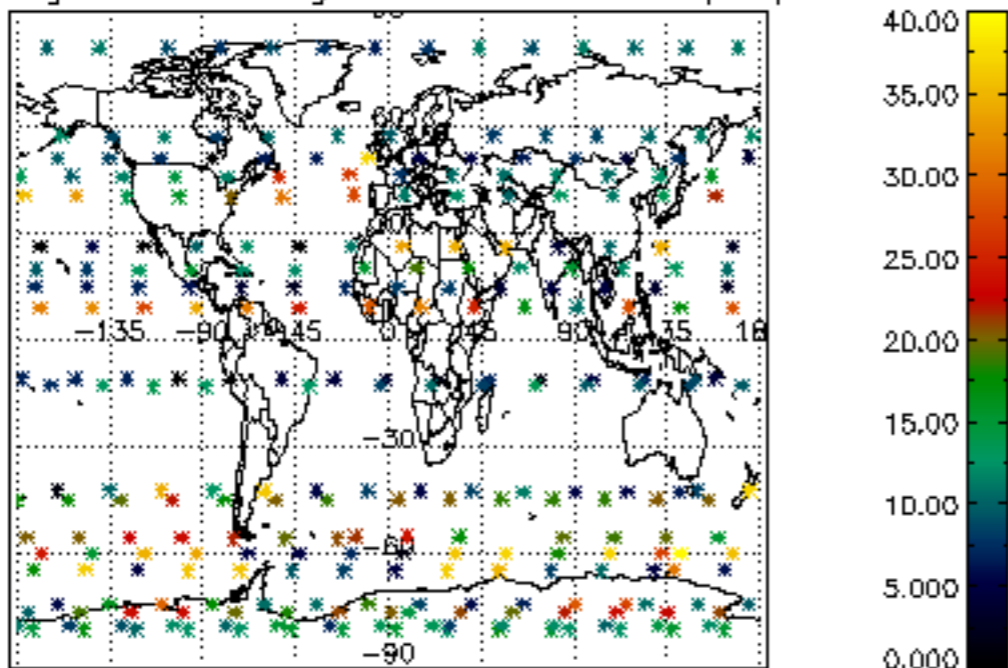
Percentage of cosmic ray hits per profile



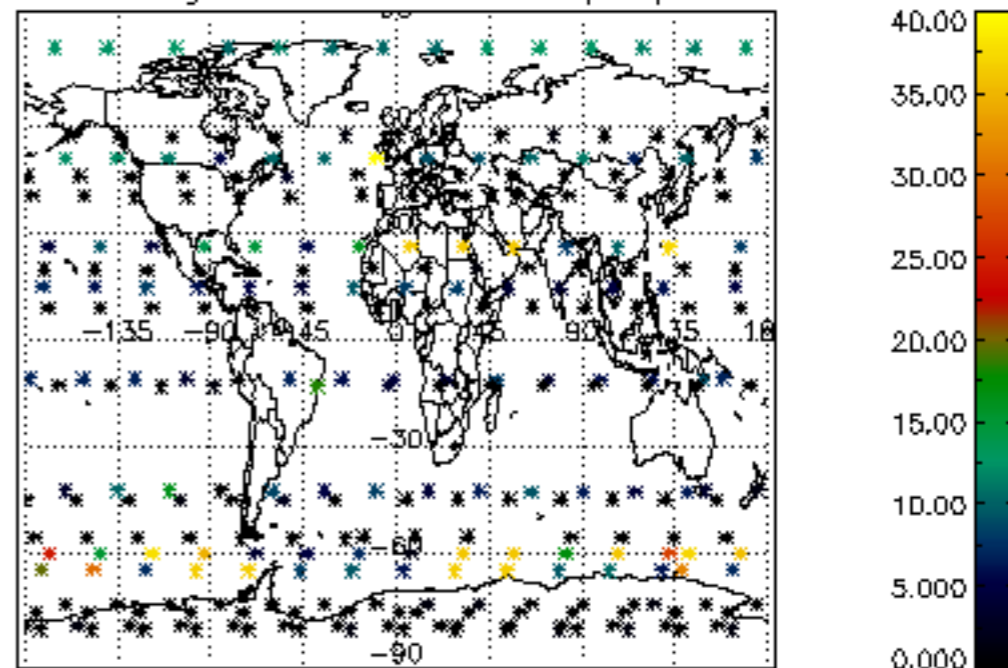
Percentage of datation errors per profile



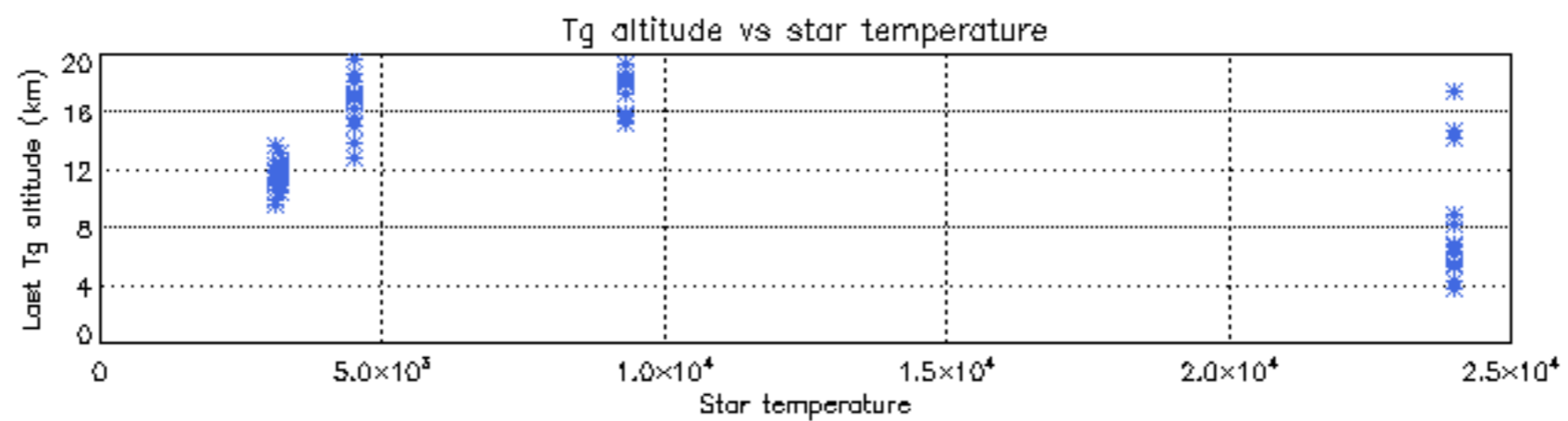
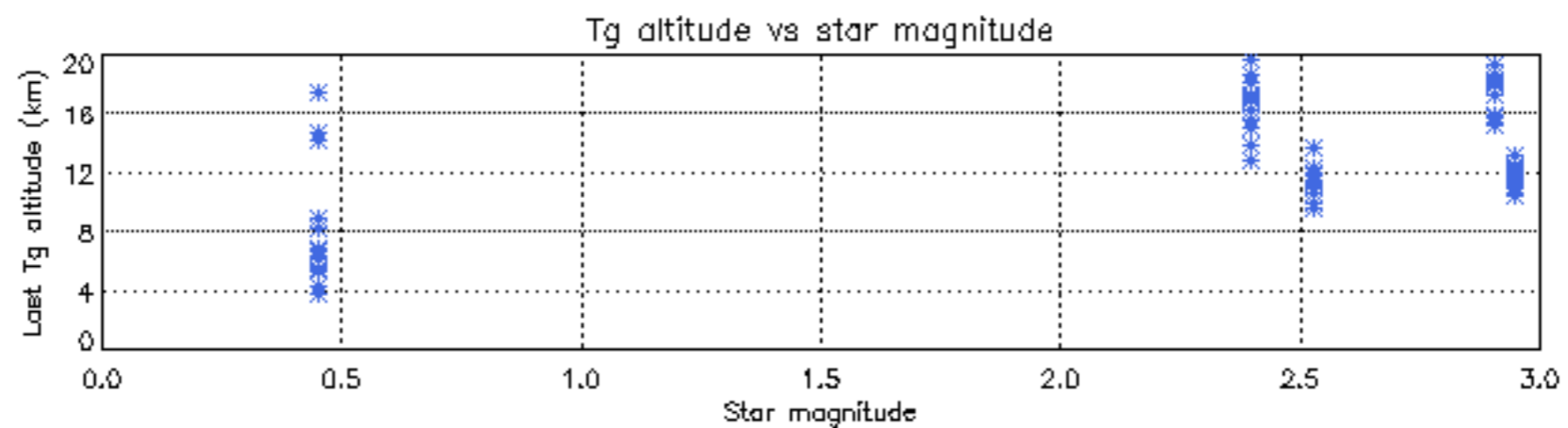
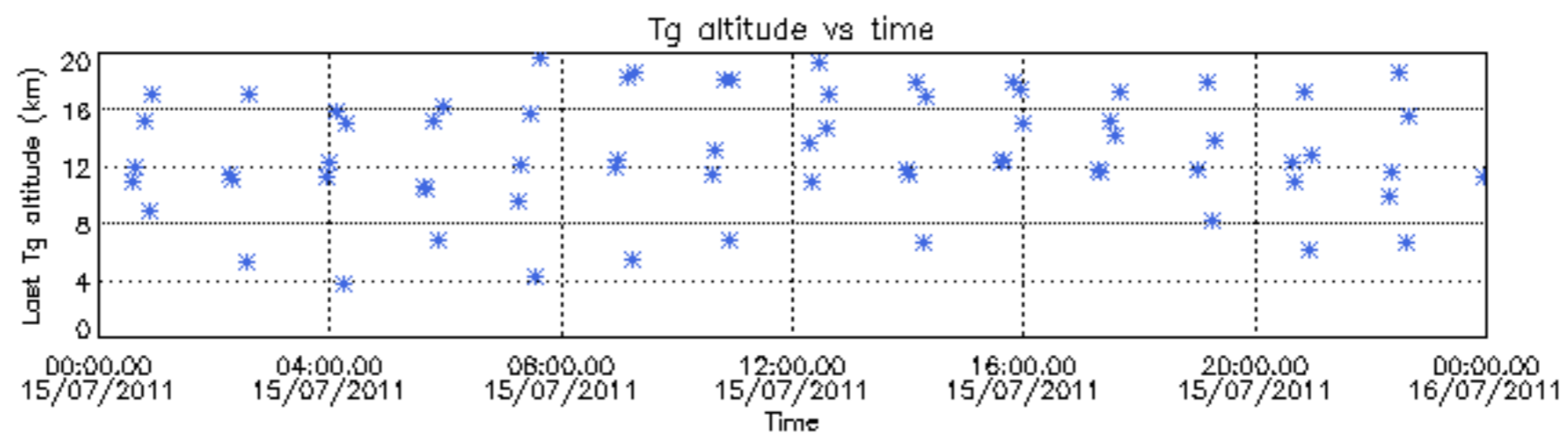
Percentage of star falling outside central band per profile



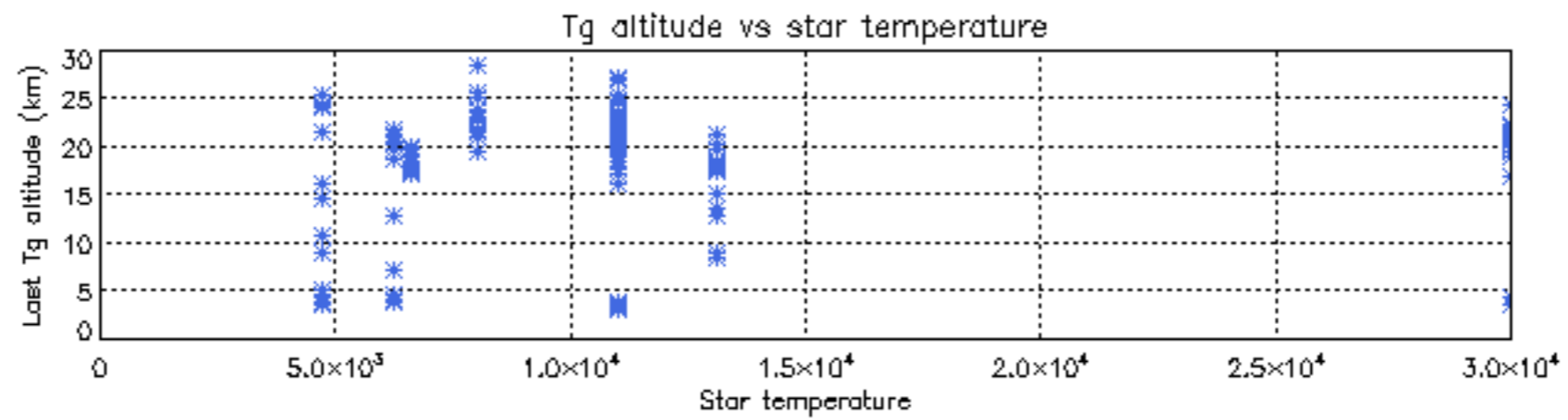
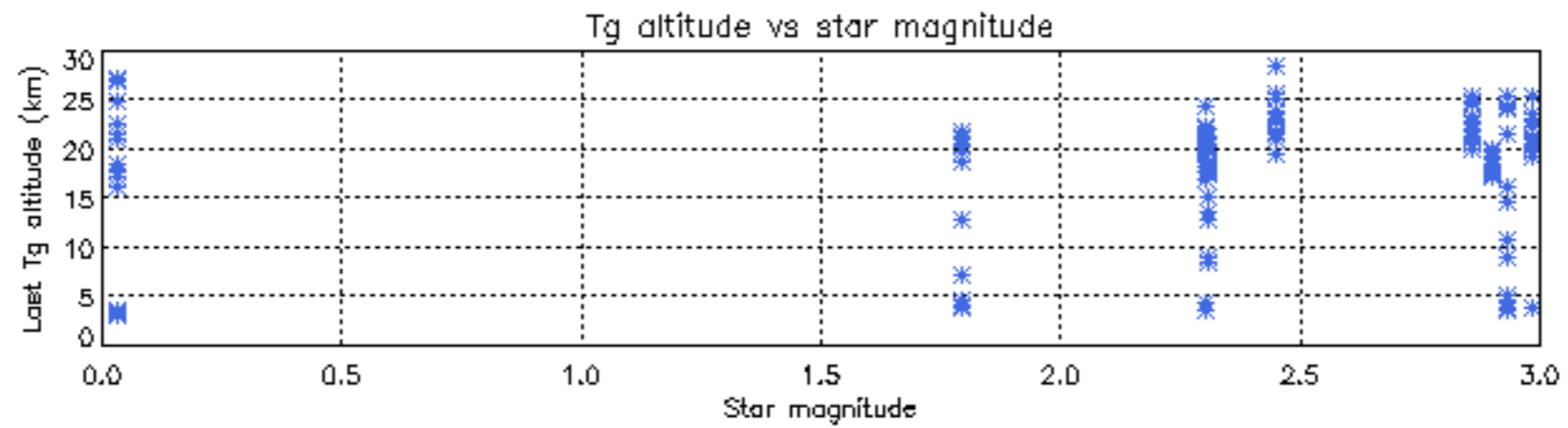
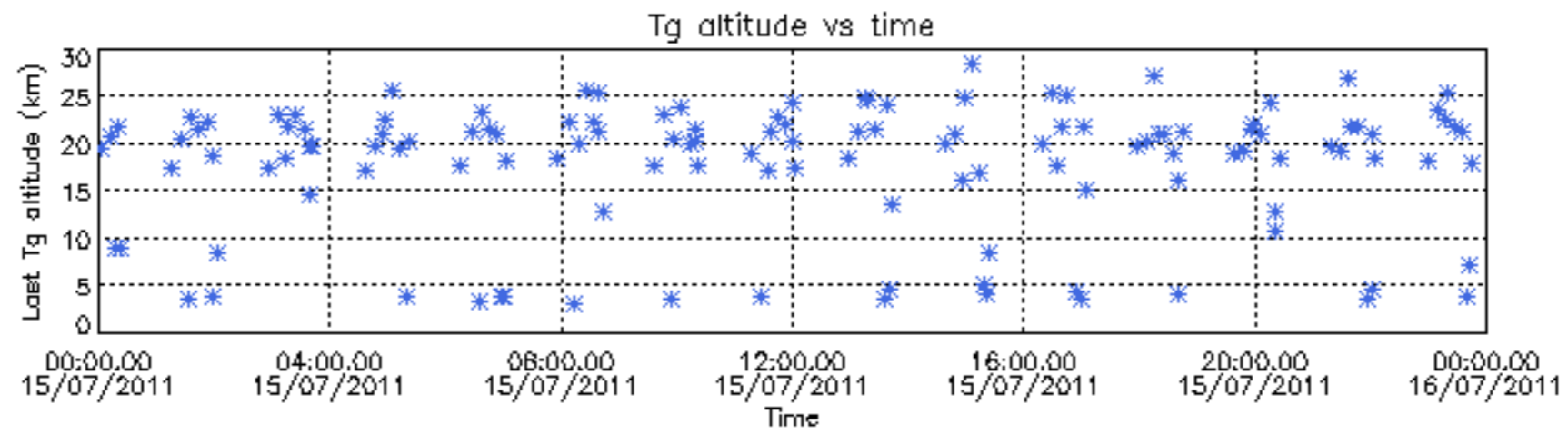
Percentage of saturation errors per profile



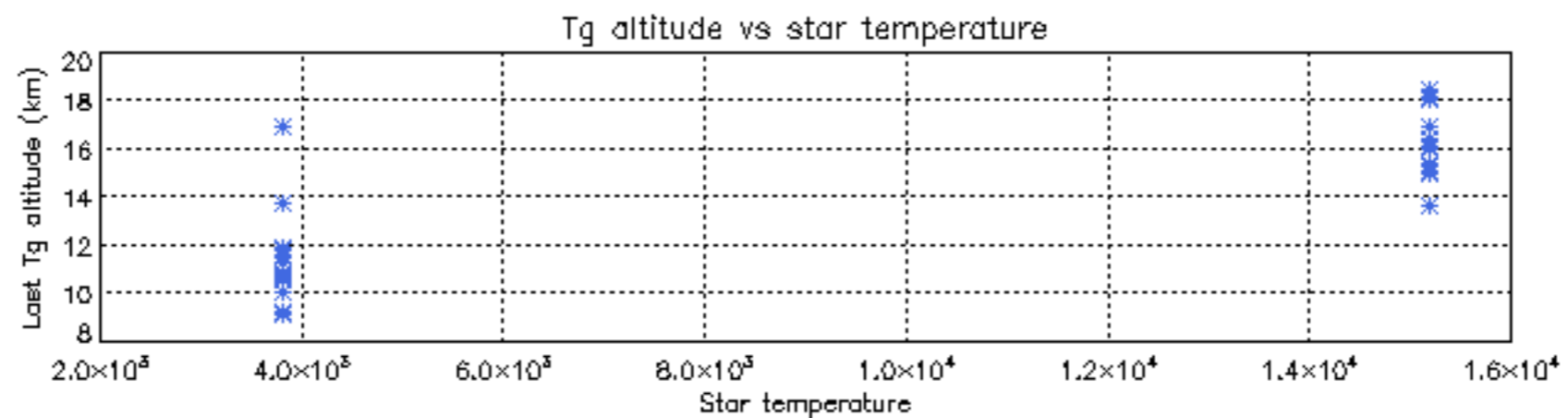
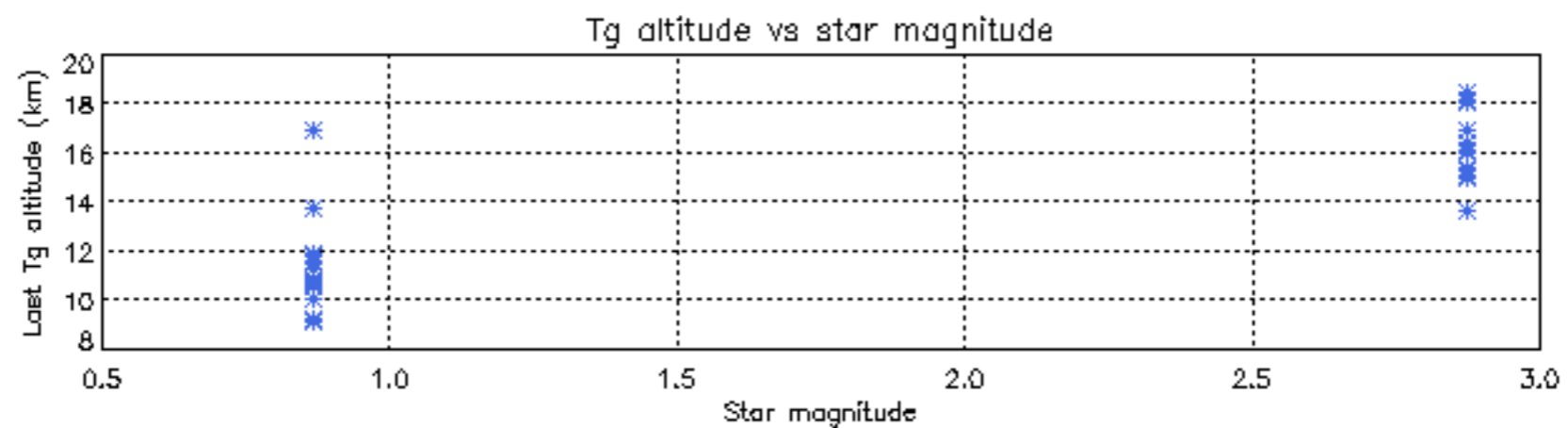
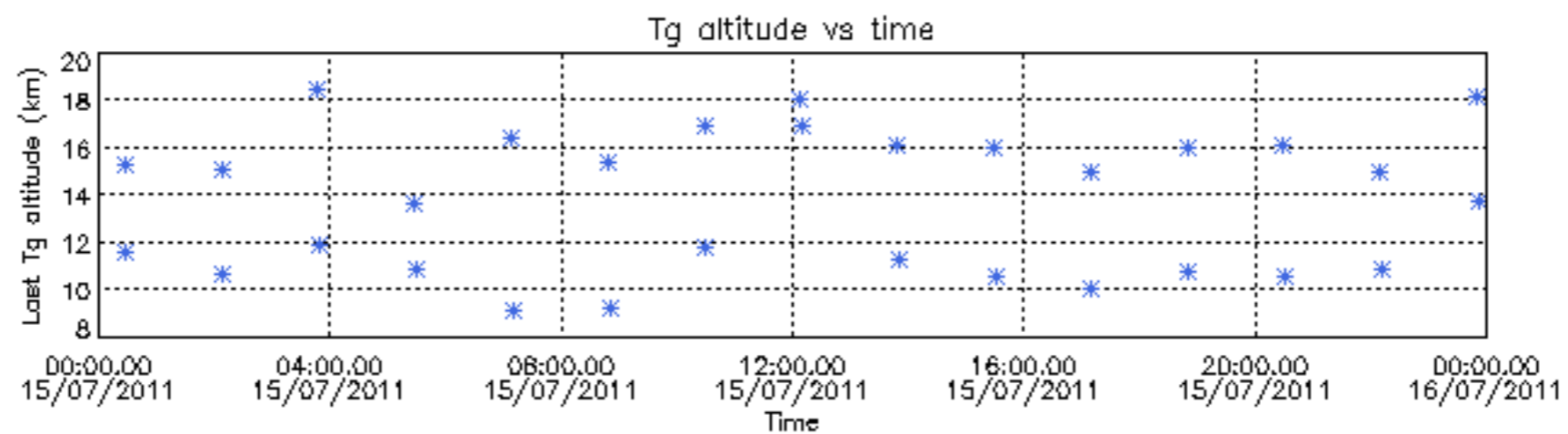
Tangent altitude at which the star is lost

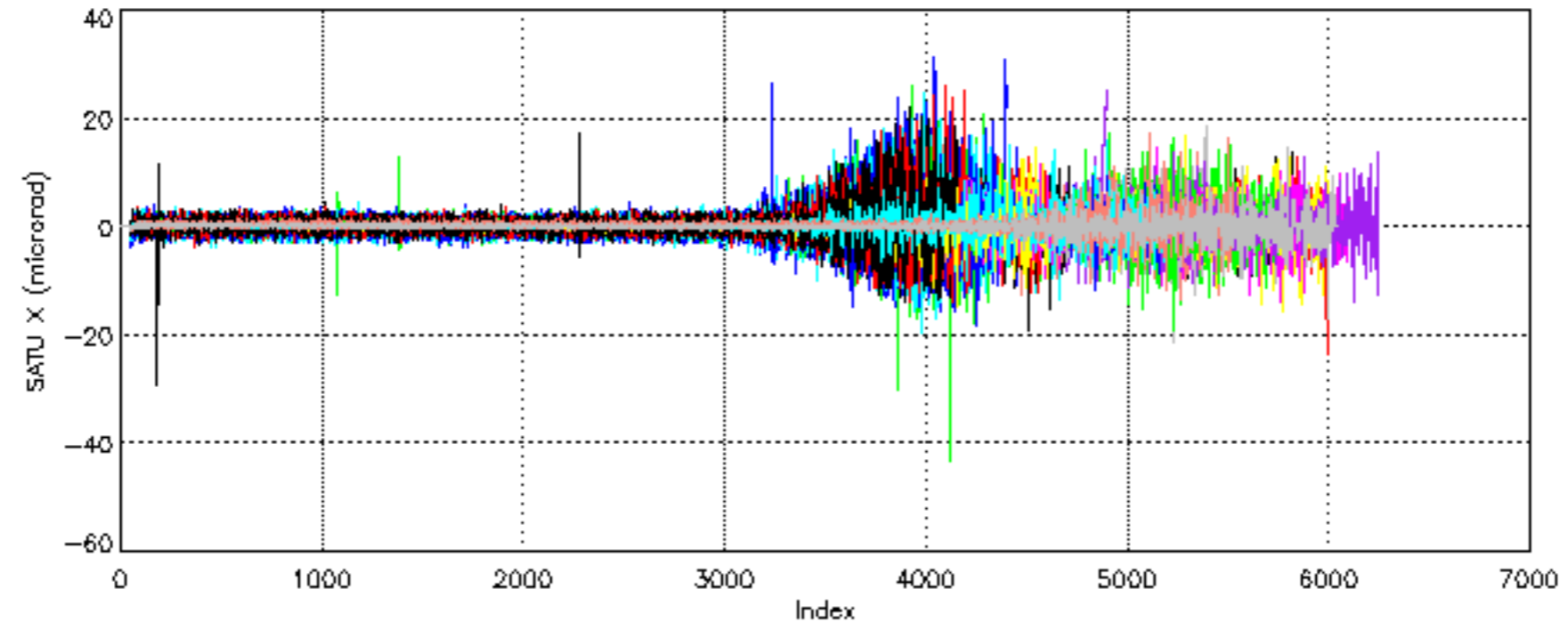


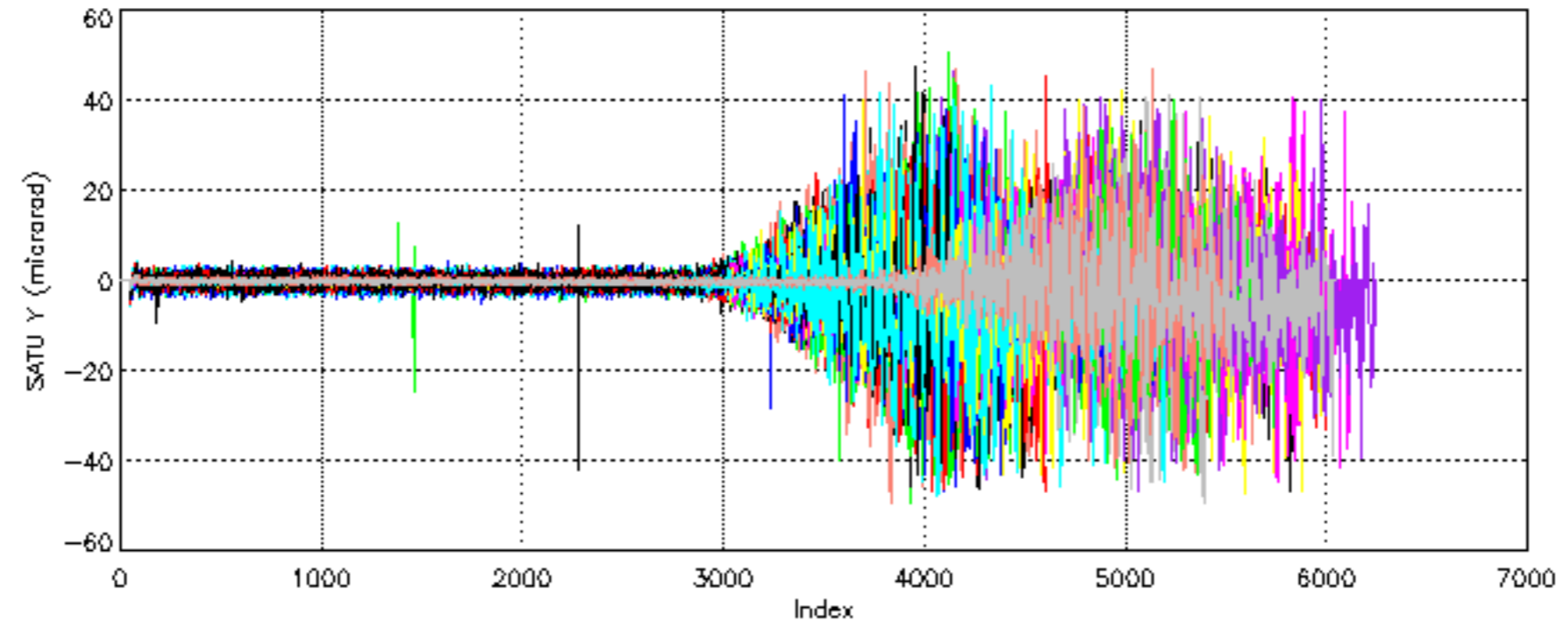
Tangent altitude at which the star is lost

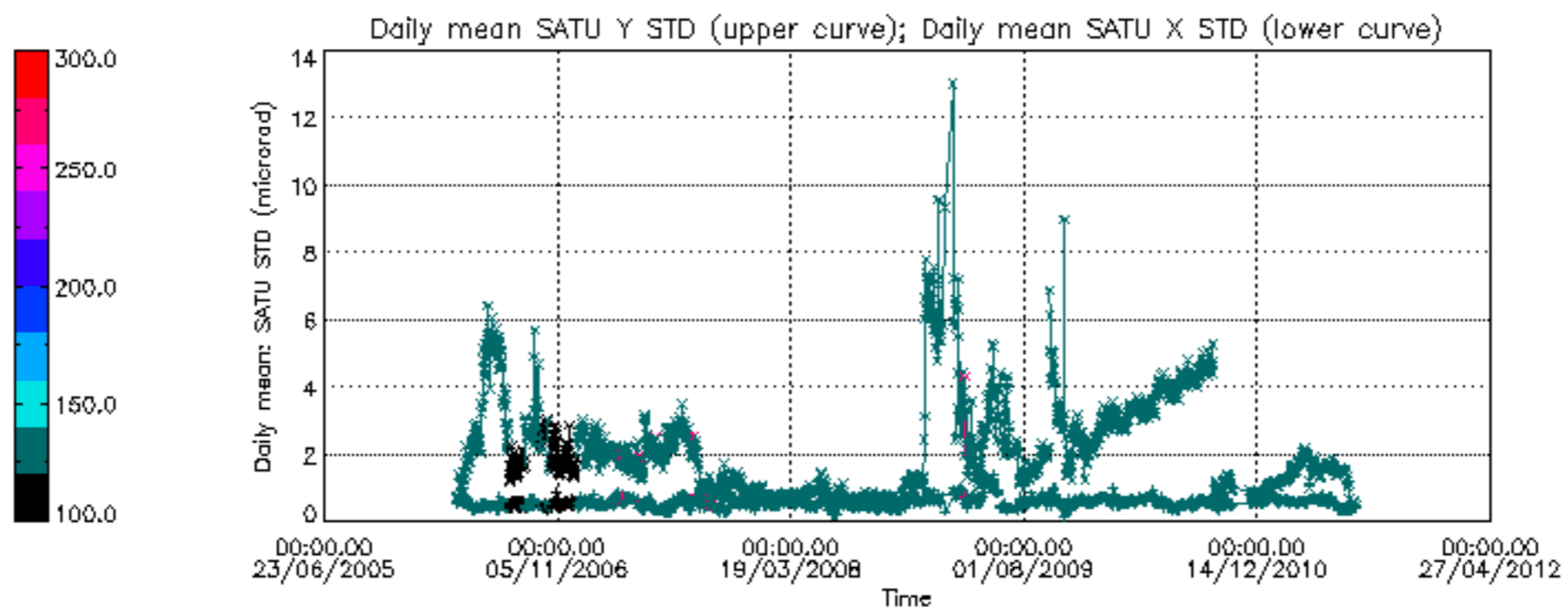


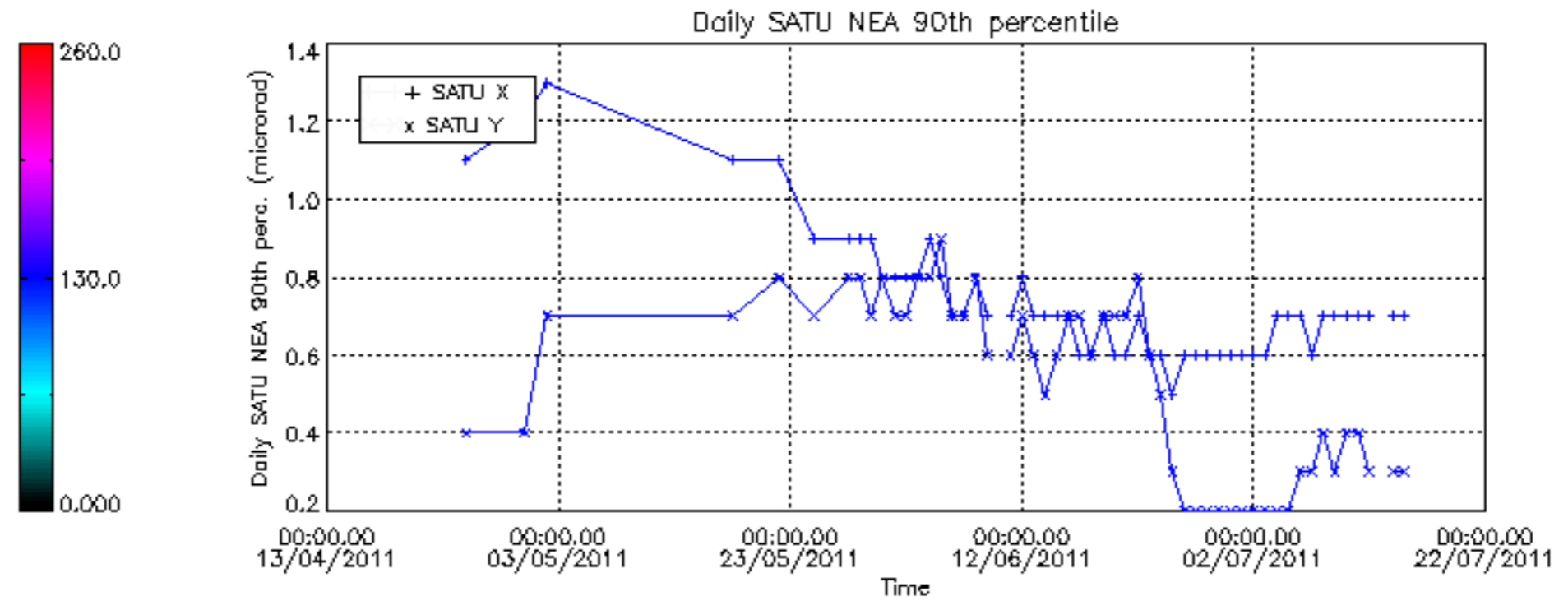
Tangent altitude at which the star is lost











```
/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
6; 1308.9; 01-JUL-2011 03:05:08; Dark ; 49.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 98; 0;48811
7; 1472.5; 01-JUL-2011 03:07:52; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;48811
8; 1969.7; 01-JUL-2011 03:16:09; Bright; 38.0; 126; 60Bet Oph ; 2.77; 4250;occ; 76; 0;48811
9; 2108.6; 01-JUL-2011 03:18:28; Bright; 38.5; 59; 55Alp Oph ; 2.08; 8900;occ; 77; 0;48811
10; 2210.9; 01-JUL-2011 03:20:10; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;48811
11; 2630.2; 01-JUL-2011 03:27:10; Bright; 45.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 91; 0;48811
12; 2791.4; 01-JUL-2011 03:29:51; Bright; 34.0; 130; 23Bet Dra ; 2.80; 5800;occ; 68; 0;48811
13; 2894.4; 01-JUL-2011 03:31:34; Bright; 63.0; 144; 18Del Cyg ; 2.86; 11000;occ; 126; 0;48811
14; 3316.2; 01-JUL-2011 03:38:36; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;48811
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1;-2256.8; 01-JUL-2011 03:45:57; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;48811
2;-2161.3; 01-JUL-2011 03:47:32; Bright; 44.5; 110; 37Del Cas ; 2.68; 8900;occ; 89; 0;48811
3;-1972.6; 01-JUL-2011 03:50:41; Bright; 56.0; 160; 23Gam Per ; 2.93; 4700;occ; 112; 0;48811
4;-1868.4; 01-JUL-2011 03:52:25; Bright; 34.0; 175; 39Del Per ; 3.01; 19400;occ; 68; 0;48811
5;-1770.7; 01-JUL-2011 03:54:03; Bright; 66.0; 73; 57Gam1And ; 2.26; 13100;occ; 132; 0;48811
6;-1611.4; 01-JUL-2011 03:56:42; Dark ; 49.5; 173; 4Bet Tri ; 3.00; 8900;occ; 99; 0;48811
7;-1354.4; 01-JUL-2011 04:00:59; Dark ; 57.5; 50; 13Alp Ari ; 2.01; 4250;occ; 115; 0;48811
8;-1054.6; 01-JUL-2011 04:05:59; Dark ; 47.0; 94; 92Alp Cet ; 2.53; 3100;occ; 94; 0;48811
9; -519.6; 01-JUL-2011 04:14:54; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;48811
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11; 492.2; 01-JUL-2011 04:31:46; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;48812
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14; 1309.2; 01-JUL-2011 04:45:23; Dark ; 44.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 89; 0;48812
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16; 1969.8; 01-JUL-2011 04:56:23; Bright; 37.5; 126; 60Bet Oph ; 2.77; 4250;occ; 75; 0;48812
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14; 5351.6; 25-JUL-2011 11:13:51; Dark ; 52.0; 165; 34Gam Eri ; 2.95; 3200;occ; 104; 0;49160
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