

GOMOS Daily Report 06-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	10JUL2011 07:04:55
Data source version	GOMOS/6.01
Start time of products	06JUL2011 00:01:46
Stop time of products	06JUL2011 23:57:15
Store outputs in DB	Yes
Nb of level 1b prods	231
Nb of prods with errors	72

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

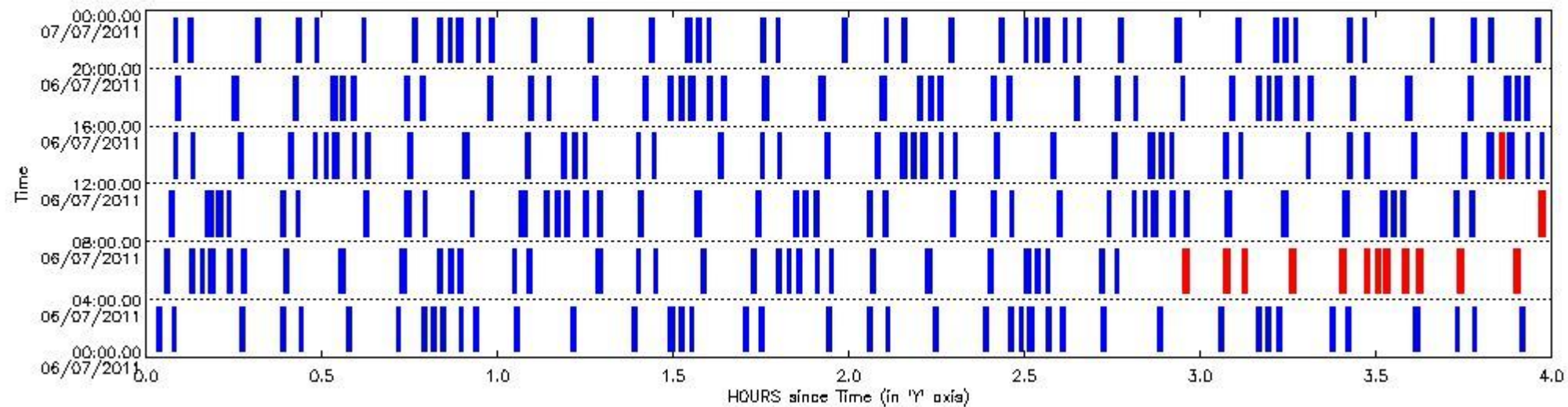
2.1 Level 0 products arrived in PCF (see template [here](#))

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
06-JUL-2011 06:56:59	17ZetAql	168	48885
06-JUL-2011 07:04:01	3AlpLyr	5	48885
06-JUL-2011 07:07:04	23BetDra	130	48885
06-JUL-2011 07:15:08	5AlpCep	89	48885
06-JUL-2011 07:23:39	27GamCas	76	48885
06-JUL-2011 07:27:56	23GamPer	160	48885
06-JUL-2011 07:29:48	39DelPer	175	48885
06-JUL-2011 07:31:17	57Gam1And	73	48885
06-JUL-2011 07:34:31	44ZetPer	150	48885
06-JUL-2011 07:36:54	25EtaTau	146	48885
06-JUL-2011 07:43:55	92AlpCet	94	48885
06-JUL-2011 07:53:28	DSA1066	0	48885
06-JUL-2011 11:57:40	17ZetAql	168	48888
06-JUL-2011 15:50:58	39DelPer	175	48890

2.4 Summary of processed GOM_TRA_1P products

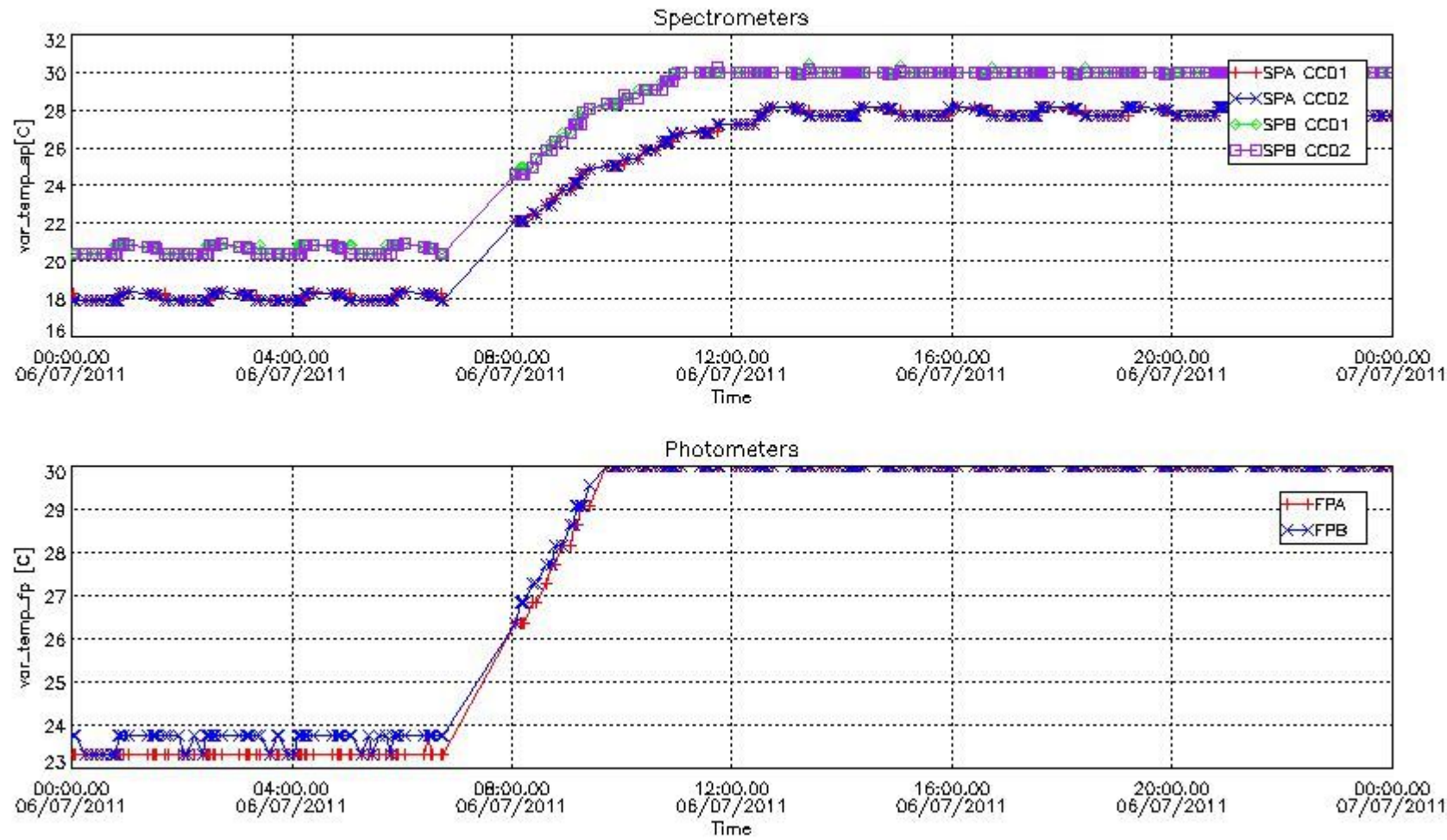
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110706_000146_000000463104_00160_48881_1032.N1	06-JUL-2011 00:01:46	Twilight	45.500	103	38Zet Sgr	2.6000	9700.0	91	48881	No
2	GOM_TRA_1PNPDE20110706_000424_000000423104_00160_48881_1033.N1	06-JUL-2011 00:04:24	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	48881	No
3	GOM_TRA_1PNPDE20110706_001558_000000443104_00160_48881_1034.N1	06-JUL-2011 00:15:58	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	48881	No
4	GOM_TRA_1PNPDE20110706_002300_000000453104_00160_48881_1035.N1	06-JUL-2011 00:23:00	Bright	45.000	5	3Alp Lyr	0.033000	11000.	90	48881	No
5	GOM_TRA_1PNPDE20110706_002602_000000383104_00160_48881_1036.N1	06-JUL-2011 00:26:02	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	48881	No
6	GOM_TRA_1PNPDE20110706_003408_000000473104_00160_48881_1037.N1	06-JUL-2011 00:34:08	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48881	No
7	GOM_TRA_1PNPDE20110706_004238_000000453104_00160_48881_1038.N1	06-JUL-2011 00:42:38	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	48881	No
8	GOM_TRA_1PNPDE20110706_004654_000000583104_00160_48881_1039.N1	06-JUL-2011 00:46:54	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	48881	No
9	GOM_TRA_1PNPDE20110706_004845_000000423104_00160_48881_1040.N1	06-JUL-2011 00:48:45	Bright	42.000	175	39Del Per	3.0100	19400.	84	48881	No
10	GOM_TRA_1PNPDE20110706_005015_000000553104_00160_48881_1041.N1	06-JUL-2011 00:50:15	Bright	54.500	73	57Gam1And	2.2600	13100.	109	48881	No
11	GOM_TRA_1PNPDE20110706_005328_000000393104_00160_48881_1042.N1	06-JUL-2011 00:53:28	Bright	38.500	150	44Zet Per	2.8900	28000.	77	48881	No
12	GOM_TRA_1PNPDE20110706_005551_000000433104_00160_48881_1043.N1	06-JUL-2011 00:55:51	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	48881	No
13	GOM_TRA_1PNPDE20110706_010251_000000493104_00160_48881_1044.N1	06-JUL-2011 01:02:51	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	48881	No
14	GOM_TRA_1PNPDE20110706_012252_000000523104_00161_48882_1071.N1	06-JUL-2011 01:22:52	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	48882	No
15	GOM_TRA_1PNPDE20110706_012910_000000603104_00161_48882_1072.N1	06-JUL-2011 01:29:10	Straylight	60.000	63	Bet Gru	2.1500	2800.0	120	48882	No
16	GOM_TRA_1PNPDE20110706_013059_000000493104_00161_48882_1073.N1	06-JUL-2011 01:31:59	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48882	No
17	GOM_TRA_1PNPDE20110706_013249_000000413104_00161_48882_1074.N1	06-JUL-2011 01:32:49	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	48882	No
18	GOM_TRA_1PNPDE20110706_014200_000000443104_00161_48882_1075.N1	06-JUL-2011 01:42:00	Twilight	44.000	103	38Zet Sgr	2.6000	9700.0	88	48882	No
19	GOM_TRA_1PNPDE20110706_014438_000000433104_00161_48882_1076.N1	06-JUL-2011 01:44:38	Bright	43.000	155	41Pi Sgr	2.9000	6600.0	86	48882	No
20	GOM_TRA_1PNPDE20110706_015612_000000453104_00161_48882_1077.N1	06-JUL-2011 01:56:12	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	48882	No
21	GOM_TRA_1PNPDE20110706_020314_000000423104_00161_48882_1078.N1	06-JUL-2011 02:03:14	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	48882	No
22	GOM_TRA_1PNPDE20110706_020616_000000353104_00161_48882_1079.N1	06-JUL-2011 02:06:16	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	48882	No
23	GOM_TRA_1PNPDE20110706_021422_000000453104_00161_48882_1080.N1	06-JUL-2011 02:14:22	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	48882	No
24	GOM_TRA_1PNPDE20110706_022252_000000503104_00161_48882_1081.N1	06-JUL-2011 02:22:52	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	48882	No
25	GOM_TRA_1PNPDE20110706_022708_000000583104_00161_48882_1082.N1	06-JUL-2011 02:27:08	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	48882	No
26	GOM_TRA_1PNPDE20110706_022859_000000473104_00161_48882_1083.N1	06-JUL-2011 02:28:59	Bright	46.500	175	39Del Per	3.0100	19400.	93	48882	No
27	GOM_TRA_1PNPDE20110706_023029_000000703104_00161_48882_1084.N1	06-JUL-2011 02:30:29	Bright	70.000	73	57Gam1And	2.2600	13100.	140	48882	No
28	GOM_TRA_1PNPDE20110706_023342_000000413104_00161_48882_1085.N1	06-JUL-2011 02:33:42	Bright	41.000	150	44Zet Per	2.8900	28000.	82	48882	No
29	GOM_TRA_1PNPDE20110706_023605_000000413104_00161_48882_1086.N1	06-JUL-2011 02:36:05	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	48882	No
30	GOM_TRA_1PNPDE20110706_024305_000000423104_00161_48882_1087.N1	06-JUL-2011 02:43:05	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	48882	No
31	GOM_TRA_1PNPDE20110706_030307_000000503104_00162_48883_1088.N1	06-JUL-2011 03:03:07	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	48883	No
32	GOM_TRA_1PNPDE20110706_030925_000000543104_00162_48883_1089.N1	06-JUL-2011 03:09:25	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	48883	No
33	GOM_TRA_1PNPDE20110706_031114_000000503104_00162_48883_1090.N1	06-JUL-2011 03:11:14	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	48883	No
34	GOM_TRA_1PNPDE20110706_031304_000000443104_00162_48883_1091.N1	06-JUL-2011 03:13:04	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	48883	No
35	GOM_TRA_1PNPDE20110706_032215_000000453104_00162_48883_1092.N1	06-JUL-2011 03:22:15	Twilight	45.000	103	38Zet Sgr	2.6000	9700.0	90	48883	No
36	GOM_TRA_1PNPDE20110706_032452_000000423104_00162_48883_1093.N1	06-JUL-2011 03:24:52	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	48883	No
37	GOM_TRA_1PNPDE20110706_033626_000000653104_00162_48883_1094.N1	06-JUL-2011 03:36:26	Bright	65.000	168	17Zet Aql	2.9860	11000.	130	48883	No
38	GOM_TRA_1PNPDE20110706_034327_000000443104_00162_48883_1095.N1	06-JUL-2011 03:43:27	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	48883	No
39	GOM_TRA_1PNPDE20110706_034630_000000373104_00162_48883_1096.N1	06-JUL-2011 03:46:30	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	48883	No
40	GOM_TRA_1PNPDE20110706_035435_000000453104_00162_48883_1097.N1	06-JUL-2011 03:54:35	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48883	No
41	GOM_TRA_1PNPDE20110706_040305_000000453104_00162_48883_1093.N1	06-JUL-2011 04:03:05	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	48883	No
42	GOM_TRA_1PNPDE20110706_040722_000000583104_00162_48883_1094.N1	06-JUL-2011 04:07:22	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	48883	No
43	GOM_TRA_1PNPDE20110706_040913_000000373104_00162_48883_1095.N1	06-JUL-2011 04:09:13	Bright	37.000	175	39Del Per	3.0100	19400.	74	48883	No
44	GOM_TRA_1PNPDE20110706_041042_000000593104_00162_48883_1096.N1	06-JUL-2011 04:10:42	Bright	59.000	73	57Gam1And	2.2600	13100.	118	48883	No
45	GOM_TRA_1PNPDE20110706_041356_000000413104_00162_48883_1097.N1	06-JUL-2011 04:13:56	Bright	40.500	150	44Zet Per	2.8900	28000.	81	48883	No
46	GOM_TRA_1PNPDE20110706_041619_000000423104_00162_48883_1098.N1	06-JUL-2011 04:16:19	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	48883	No
47	GOM_TRA_1PNPDE20110706_042320_000000503104_00162_48883_1099.N1	06-JUL-2011 04:23:20	Dark	49.500	94	92Alp Cet	2.5260	3100.0	99	48883	No
48	GOM_TRA_1PNPDE20110706_044322_000000583104_00163_48884_1100.N1	06-JUL-2011 04:43:22	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	48884	No
49	GOM_TRA_1PNPDE20110706_044940_000000523104_00163_48884_1101.N1	06-JUL-2011 04:49:40	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	48884	No
50	GOM_TRA_1PNPDE20110706_045129_000000503104_00163_48884_1102.N1	06-JUL-2011 04:51:29	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	48884	No
51	GOM_TRA_1PNPDE20110706_045318_000000423104_00163_48884_1103.N1	06-JUL-2011 04:53:18	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	48884	No
52	GOM_TRA_1PNPDE20110706_050229_000000453104_00163_48884_1104.N1	06-JUL-2011 05:02:29	Twilight	45.000	103	38Zet Sgr	2.6000	9700.0	90	48884	No
53	GOM_TRA_1PNPDE20110706_050506_000000423104_00163_48884_1105.N1	06-JUL-2011 05:05:06	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	48884	No
54	GOM_TRA_1PNPDE20110706_051639_000000653104_00163_48884_1106.N1	06-JUL-2011 05:16:39	Bright	65.000	168	17Zet Aql	2.9860	11000.	130	48884	No
55	GOM_TRA_1PNPDE20110706_052341_000000423104_00163_48884_1107.N1	06-JUL-2011 05:23:41	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	48884	No

56	GOM_TRA_1PNPDE20110706_052644_000000383104_00163_48884_1108.N1	06-JUL-2011 05:26:44	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	48884	No
57	GOM_TRA_1PNPDE20110706_053449_000000453104_00163_48884_1109.N1	06-JUL-2011 05:34:49	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48884	No
58	GOM_TRA_1PNPDE20110706_054319_000000463104_00163_48884_1113.N1	06-JUL-2011 05:43:19	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	48884	No
59	GOM_TRA_1PNPDE20110706_054736_000000493104_00163_48884_1114.N1	06-JUL-2011 05:47:36	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	48884	No
60	GOM_TRA_1PNPDE20110706_054927_000000343104_00163_48884_1115.N1	06-JUL-2011 05:49:27	Bright	34.000	175	39Del Per	3.0100	19400.	68	48884	No
61	GOM_TRA_1PNPDE20110706_055056_000000553104_00163_48884_1116.N1	06-JUL-2011 05:50:56	Bright	55.000	73	57Gam1And	2.2600	13100.	110	48884	No
62	GOM_TRA_1PNPDE20110706_055411_000000383104_00163_48884_1117.N1	06-JUL-2011 05:54:11	Bright	38.000	150	44Zet Per	2.8900	28000.	76	48884	No
63	GOM_TRA_1PNPDE20110706_055633_000000383104_00163_48884_1118.N1	06-JUL-2011 05:56:33	Twilight	38.000	146	25Eta Tau	2.8730	15200.	76	48884	No
64	GOM_TRA_1PNPDE20110706_060334_000000523104_00163_48884_1119.N1	06-JUL-2011 06:03:34	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	48884	No
65	GOM_TRA_1PNPDE20110706_062337_000000503104_00164_48885_1120.N1	06-JUL-2011 06:23:37	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	48885	No
66	GOM_TRA_1PNPDE20110706_062955_000000633104_00164_48885_1121.N1	06-JUL-2011 06:29:55	Straylight	63.000	63	Bet Gru	2.1500	2800.0	126	48885	No
67	GOM_TRA_1PNPDE20110706_063144_000000483104_00164_48885_1122.N1	06-JUL-2011 06:31:44	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48885	No
68	GOM_TRA_1PNPDE20110706_063333_000000413104_00164_48885_1123.N1	06-JUL-2011 06:33:33	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	48885	No
69	GOM_TRA_1PNPDE20110706_064243_000000453104_00164_48885_1124.N1	06-JUL-2011 06:42:43	Tw_i_and_stray	45.000	103	38Zet Sgr	2.6000	9700.0	90	48885	No
70	GOM_TRA_1PNPDE20110706_064521_000000413104_00164_48885_1125.N1	06-JUL-2011 06:45:21	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	48885	No
71	GOM_TRA_1PNPDK20110706_080352_000000503104_00165_48886_2664.N1	06-JUL-2011 08:03:52	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	48886	No
72	GOM_TRA_1PNPDK20110706_081010_000000673104_00165_48886_2665.N1	06-JUL-2011 08:10:10	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	48886	No
73	GOM_TRA_1PNPDK20110706_081159_000000593104_00165_48886_2666.N1	06-JUL-2011 08:11:59	Straylight	58.500	31	Alp Gru	1.7340	15200.	117	48886	No
74	GOM_TRA_1PNPDK20110706_081347_000000413104_00165_48886_2667.N1	06-JUL-2011 08:13:47	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	48886	No
75	GOM_TRA_1PNPDK20110706_082258_000000473104_00165_48886_2668.N1	06-JUL-2011 08:22:58	Tw_i_and_stray	47.000	103	38Zet Sgr	2.6000	9700.0	94	48886	No
76	GOM_TRA_1PNPDK20110706_082535_000000423104_00165_48886_2669.N1	06-JUL-2011 08:25:35	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	48886	No
77	GOM_TRA_1PNPDK20110706_083707_000000433104_00165_48886_2686.N1	06-JUL-2011 08:37:07	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	48886	No
78	GOM_TRA_1PNPDK20110706_084408_000000593104_00165_48886_2687.N1	06-JUL-2011 08:44:08	Bright	59.000	5	3Alp Lyr	0.033000	11000.	118	48886	No
79	GOM_TRA_1PNPDK20110706_084712_000000383104_00165_48886_2688.N1	06-JUL-2011 08:47:12	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	48886	No
80	GOM_TRA_1PNPDK20110706_085515_000000443104_00165_48886_2689.N1	06-JUL-2011 08:55:15	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48886	No
81	GOM_TRA_1PNPDK20110706_090346_000000673104_00165_48886_2690.N1	06-JUL-2011 09:03:46	Bright	67.000	76	27Gam Cas	2.3000	30000.	134	48886	No
82	GOM_TRA_1PNPDK20110706_090804_000000453104_00165_48886_2691.N1	06-JUL-2011 09:08:04	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	48886	No
83	GOM_TRA_1PNPDK20110706_090955_000000363104_00165_48886_2692.N1	06-JUL-2011 09:09:55	Bright	35.500	175	39Del Per	3.0100	19400.	71	48886	No
84	GOM_TRA_1PNPDK20110706_091124_000000573104_00165_48886_2693.N1	06-JUL-2011 09:11:24	Bright	56.500	73	57Gam1And	2.2600	13100.	113	48886	No
85	GOM_TRA_1PNPDK20110706_091439_000000433104_00165_48886_2694.N1	06-JUL-2011 09:14:39	Bright	42.500	150	44Zet Per	2.8900	28000.	85	48886	Yes
86	GOM_TRA_1PNPDK20110706_091702_000000423104_00165_48886_2695.N1	06-JUL-2011 09:17:02	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	48886	Yes
87	GOM_TRA_1PNPDK20110706_092403_000000513104_00165_48886_2696.N1	06-JUL-2011 09:24:03	Dark	50.500	94	92Alp Cet	2.5260	3100.0	101	48886	Yes
88	GOM_TRA_1PNPDK20110706_094407_000000503104_00166_48887_2697.N1	06-JUL-2011 09:44:07	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	48887	Yes
89	GOM_TRA_1PNPDK20110706_095025_000000553104_00166_48887_2698.N1	06-JUL-2011 09:50:25	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	48887	Yes
90	GOM_TRA_1PNPDK20110706_095214_000000513104_00166_48887_2699.N1	06-JUL-2011 09:52:14	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	48887	Yes
91	GOM_TRA_1PNPDK20110706_095401_000000433104_00166_48887_2700.N1	06-JUL-2011 09:54:01	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48887	Yes
92	GOM_TRA_1PNPDK20110706_100312_000000443104_00166_48887_2701.N1	06-JUL-2011 10:03:12	Tw_i_and_stray	44.000	103	38Zet Sgr	2.6000	9700.0	88	48887	Yes
93	GOM_TRA_1PNPDK20110706_100549_000000413104_00166_48887_2702.N1	06-JUL-2011 10:05:49	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	48887	No
94	GOM_TRA_1PNPDK20110706_101720_000000443104_00166_48887_2716.N1	06-JUL-2011 10:17:20	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	48887	No
95	GOM_TRA_1PNPDK20110706_102422_000000433104_00166_48887_2717.N1	06-JUL-2011 10:24:22	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	48887	No
96	GOM_TRA_1PNPDK20110706_102725_000000383104_00166_48887_2718.N1	06-JUL-2011 10:27:25	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	48887	No
97	GOM_TRA_1PNPDK20110706_103528_000000473104_00166_48887_2719.N1	06-JUL-2011 10:35:28	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48887	No
98	GOM_TRA_1PNPDK20110706_104400_000000433104_00166_48887_2720.N1	06-JUL-2011 10:44:00	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	48887	No
99	GOM_TRA_1PNPDK20110706_104817_000000393104_00166_48887_2721.N1	06-JUL-2011 10:48:17	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	48887	No
100	GOM_TRA_1PNPDK20110706_105009_000000373104_00166_48887_2722.N1	06-JUL-2011 10:50:09	Bright	36.500	175	39Del Per	3.0100	19400.	73	48887	No
101	GOM_TRA_1PNPDK20110706_105138_000000573104_00166_48887_2723.N1	06-JUL-2011 10:51:38	Bright	56.500	73	57Gam1And	2.2600	13100.	113	48887	No
102	GOM_TRA_1PNPDK20110706_105453_000000423104_00166_48887_2724.N1	06-JUL-2011 10:54:53	Bright	41.500	150	44Zet Per	2.8900	28000.	83	48887	Yes
103	GOM_TRA_1PNPDK20110706_105716_000000443104_00166_48887_2725.N1	06-JUL-2011 10:57:16	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	48887	Yes
104	GOM_TRA_1PNPDK20110706_110418_000000513104_00166_48887_2726.N1	06-JUL-2011 11:04:18	Dark	51.000	94	92Alp Cet	2.5260	3100.0	102	48887	Yes
105	GOM_TRA_1PNPDK20110706_112422_000000523104_00167_48888_2727.N1	06-JUL-2011 11:24:22	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	48888	Yes
106	GOM_TRA_1PNPDK20110706_113040_000000643104_00167_48888_2728.N1	06-JUL-2011 11:30:40	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	48888	Yes
107	GOM_TRA_1PNPDK20110706_113228_000000493104_00167_48888_2729.N1	06-JUL-2011 11:32:28	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	48888	Yes
108	GOM_TRA_1PNPDK20110706_113416_000000423104_00167_48888_2730.N1	06-JUL-2011 11:34:16	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	48888	Yes
109	GOM_TRA_1PNPDK20110706_114326_000000443104_00167_48888_2731.N1	06-JUL-2011 11:43:26	Tw_i_and_stray	43.500	103	38Zet Sgr	2.6000	9700.0	87	48888	Yes
110	GOM_TRA_1PNPDK20110706_114603_000000423104_00167_48888_2732.N1	06-JUL-2011 11:46:03	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	48888	No
111	GOM_TRA_1PNPDK20110706_120436_000000403104_00167_48888_2737.N1	06-JUL-2011 12:04:36	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	48888	No
112	GOM_TRA_1PNPDK20110706_120739_000000383104_00167_48888_2738.N1	06-JUL-2011 12:07:39	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	48888	No
113	GOM_TRA_1PNPDK20110706_121542_000000423104_00167_48888_2739.N1	06-JUL-2011 12:15:42	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	48888	No
114	GOM_TRA_1PNPDK20110706_122413_000000523104_00167_48888_2740.N1	06-JUL-2011 12:24:13	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	48888	No

115	GOM_TRA_1PNPDK20110706_122831_000000403104_00167_48888_2741.N1	06-JUL-2011 12:28:31	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	48888	No
116	GOM_TRA_1PNPDK20110706_123023_000000383104_00167_48888_2742.N1	06-JUL-2011 12:30:23	Bright	38.000	175	39Del Per	3.0100	19400.	76	48888	No
117	GOM_TRA_1PNPDK20110706_123152_000000553104_00167_48888_2743.N1	06-JUL-2011 12:31:52	Bright	55.000	73	57Gam1And	2.2600	13100.	110	48888	No
118	GOM_TRA_1PNPDK20110706_123507_000000433104_00167_48888_2744.N1	06-JUL-2011 12:35:07	Bright	42.500	150	44Zet Per	2.8900	28000.	85	48888	Yes
119	GOM_TRA_1PNPDK20110706_123730_000000423104_00167_48888_2745.N1	06-JUL-2011 12:37:30	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	48888	Yes
120	GOM_TRA_1PNPDK20110706_124432_000000493104_00167_48888_2746.N1	06-JUL-2011 12:44:32	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	48888	Yes
121	GOM_TRA_1PNPDK20110706_130437_000000523104_00168_48889_2747.N1	06-JUL-2011 13:04:37	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	48889	Yes
122	GOM_TRA_1PNPDK20110706_131055_000000543104_00168_48889_2748.N1	06-JUL-2011 13:10:55	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	48889	Yes
123	GOM_TRA_1PNPDK20110706_131243_000000503104_00168_48889_2749.N1	06-JUL-2011 13:12:43	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	48889	Yes
124	GOM_TRA_1PNPDK20110706_131430_000000413104_00168_48889_2750.N1	06-JUL-2011 13:14:30	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	48889	Yes
125	GOM_TRA_1PNPDK20110706_132340_000000433104_00168_48889_2751.N1	06-JUL-2011 13:23:40	Tw_and_stray	42.500	103	38Zet Sgr	2.6000	9700.0	85	48889	Yes
126	GOM_TRA_1PNPDK20110706_132617_000000433104_00168_48889_2752.N1	06-JUL-2011 13:26:17	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	48889	No
127	GOM_TRA_1PNPDK20110706_133747_000000453104_00168_48889_2750.N1	06-JUL-2011 13:37:47	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	48889	No
128	GOM_TRA_1PNPDK20110706_134449_000000423104_00168_48889_2751.N1	06-JUL-2011 13:44:49	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	48889	No
129	GOM_TRA_1PNPDK20110706_134753_000000373104_00168_48889_2752.N1	06-JUL-2011 13:47:53	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	48889	No
130	GOM_TRA_1PNPDK20110706_135555_000000423104_00168_48889_2753.N1	06-JUL-2011 13:55:55	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	48889	No
131	GOM_TRA_1PNPDK20110706_140427_000000443104_00168_48889_2754.N1	06-JUL-2011 14:04:27	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	48889	No
132	GOM_TRA_1PNPDK20110706_140845_000000583104_00168_48889_2755.N1	06-JUL-2011 14:08:45	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	48889	No
133	GOM_TRA_1PNPDK20110706_141037_000000443104_00168_48889_2756.N1	06-JUL-2011 14:10:37	Bright	43.500	175	39Del Per	3.0100	19400.	87	48889	No
134	GOM_TRA_1PNPDK20110706_141206_000000653104_00168_48889_2757.N1	06-JUL-2011 14:12:06	Bright	65.000	73	57Gam1And	2.2600	13100.	130	48889	No
135	GOM_TRA_1PNPDK20110706_141521_000000423104_00168_48889_2758.N1	06-JUL-2011 14:15:21	Bright	42.000	150	44Zet Per	2.8900	28000.	84	48889	Yes
136	GOM_TRA_1PNPDK20110706_141744_000000433104_00168_48889_2759.N1	06-JUL-2011 14:17:44	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	48889	Yes
137	GOM_TRA_1PNPDK20110706_142447_000000493104_00168_48889_2760.N1	06-JUL-2011 14:24:47	Dark	48.500	94	92Alp Cet	2.5260	3100.0	97	48889	Yes
138	GOM_TRA_1PNPDK20110706_144452_000000513104_00169_48890_2761.N1	06-JUL-2011 14:44:52	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	48890	Yes
139	GOM_TRA_1PNPDK20110706_145110_000000533104_00169_48890_2762.N1	06-JUL-2011 14:51:10	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	48890	Yes
140	GOM_TRA_1PNPDK20110706_145258_000000493104_00169_48890_2763.N1	06-JUL-2011 14:52:58	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48890	Yes
141	GOM_TRA_1PNPDK20110706_145445_000000403104_00169_48890_2764.N1	06-JUL-2011 14:54:45	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	48890	Yes
142	GOM_TRA_1PNPDK20110706_150354_000000443104_00169_48890_2765.N1	06-JUL-2011 15:03:54	Tw_and_stray	43.500	103	38Zet Sgr	2.6000	9700.0	87	48890	Yes
143	GOM_TRA_1PNPDK20110706_150631_000000423104_00169_48890_2861.N1	06-JUL-2011 15:06:31	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	48890	No
144	GOM_TRA_1PNPDK20110706_151801_000000443104_00169_48890_2862.N1	06-JUL-2011 15:18:01	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	48890	No
145	GOM_TRA_1PNPDK20110706_152503_000000443104_00169_48890_2863.N1	06-JUL-2011 15:25:03	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	48890	No
146	GOM_TRA_1PNPDK20110706_152807_000000383104_00169_48890_2864.N1	06-JUL-2011 15:28:07	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	48890	No
147	GOM_TRA_1PNPDK20110706_153608_000000443104_00169_48890_2865.N1	06-JUL-2011 15:36:08	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48890	No
148	GOM_TRA_1PNPDK20110706_154440_000000463104_00169_48890_2866.N1	06-JUL-2011 15:44:40	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	48890	No
149	GOM_TRA_1PNPDK20110706_154859_000000583104_00169_48890_2867.N1	06-JUL-2011 15:48:59	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	48890	No
150	GOM_TRA_1PNPDK20110706_155219_000000683104_00169_48890_2868.N1	06-JUL-2011 15:52:19	Bright	68.000	73	57Gam1And	2.2600	13100.	136	48890	No
151	GOM_TRA_1PNPDK20110706_155535_000000403104_00169_48890_2869.N1	06-JUL-2011 15:55:35	Bright	40.000	150	44Zet Per	2.8900	28000.	80	48890	Yes
152	GOM_TRA_1PNPDK20110706_155758_000000413104_00169_48890_2870.N1	06-JUL-2011 15:57:58	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	48890	Yes
153	GOM_TRA_1PNPDK20110706_160501_000000533104_00169_48890_2871.N1	06-JUL-2011 16:05:01	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	48890	Yes
154	GOM_TRA_1PNPDK20110706_162507_000000503104_00170_48891_2872.N1	06-JUL-2011 16:25:07	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	48891	Yes
155	GOM_TRA_1PNPDK20110706_163125_000000653104_00170_48891_2873.N1	06-JUL-2011 16:31:25	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	48891	Yes
156	GOM_TRA_1PNPDK20110706_163313_000000493104_00170_48891_2874.N1	06-JUL-2011 16:33:13	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	48891	Yes
157	GOM_TRA_1PNPDK20110706_163459_000000413104_00170_48891_2875.N1	06-JUL-2011 16:34:59	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	48891	Yes
158	GOM_TRA_1PNPDK20110706_164409_000000443104_00170_48891_2830.N1	06-JUL-2011 16:44:09	Tw_and_stray	43.500	103	38Zet Sgr	2.6000	9700.0	87	48891	Yes
159	GOM_TRA_1PNPDK20110706_164645_000000433104_00170_48891_2831.N1	06-JUL-2011 16:46:45	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	48891	No
160	GOM_TRA_1PNPDK20110706_165815_000000443104_00170_48891_2832.N1	06-JUL-2011 16:58:15	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	48891	No
161	GOM_TRA_1PNPDK20110706_170517_000000463104_00170_48891_2833.N1	06-JUL-2011 17:05:17	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	48891	No
162	GOM_TRA_1PNPDK20110706_170821_000000373104_00170_48891_2834.N1	06-JUL-2011 17:08:21	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	48891	No
163	GOM_TRA_1PNPDK20110706_171622_000000453104_00170_48891_2835.N1	06-JUL-2011 17:16:22	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48891	No
164	GOM_TRA_1PNPDK20110706_172454_000000463104_00170_48891_2836.N1	06-JUL-2011 17:24:54	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	48891	No
165	GOM_TRA_1PNPDK20110706_172913_000000453104_00170_48891_2837.N1	06-JUL-2011 17:29:13	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	48891	No
166	GOM_TRA_1PNPDK20110706_173105_000000463104_00170_48891_2838.N1	06-JUL-2011 17:31:05	Bright	46.000	175	39Del Per	3.0100	19400.	92	48891	No
167	GOM_TRA_1PNPDK20110706_173233_000000683104_00170_48891_2839.N1	06-JUL-2011 17:32:33	Bright	68.000	73	57Gam1And	2.2600	13100.	136	48891	No
168	GOM_TRA_1PNPDK20110706_173549_000000423104_00170_48891_2840.N1	06-JUL-2011 17:35:49	Bright	41.500	150	44Zet Per	2.8900	28000.	83	48891	Yes
169	GOM_TRA_1PNPDK20110706_173813_000000413104_00170_48891_2841.N1	06-JUL-2011 17:38:13	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	48891	Yes
170	GOM_TRA_1PNPDK20110706_174516_000000543104_00170_48891_2842.N1	06-JUL-2011 17:45:16	Dark	54.000	94	92Alp Cet	2.5260	3100.0	108	48891	Yes
171	GOM_TRA_1PNPDK20110706_180523_000000523104_00171_48892_2843.N1	06-JUL-2011 18:05:23	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	48892	Yes
172	GOM_TRA_1PNPDK20110706_181139_000000523104_00171_48892_2844.N1	06-JUL-2011 18:11:39	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	48892	Yes
173	GOM_TRA_1PNPDK20110706_181328_000000513104_00171_48892_2845.N1	06-JUL-2011 18:13:28	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	48892	Yes

174	GOM_TRA_1PNPDK20110706_181514_000000403104_00171_48892_2846.N1	06-JUL-2011 18:15:14	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	48892	Yes
175	GOM_TRA_1PNPDK20110706_182423_000000443104_00171_48892_2817.N1	06-JUL-2011 18:24:23	Twilight	44.000	103	38Zet Sgr	2.6000	9700.0	88	48892	Yes
176	GOM_TRA_1PNPDK20110706_182700_000000423104_00171_48892_2818.N1	06-JUL-2011 18:27:00	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	48892	No
177	GOM_TRA_1PNPDK20110706_183828_000000433104_00171_48892_2819.N1	06-JUL-2011 18:38:28	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	48892	No
178	GOM_TRA_1PNPDK20110706_184530_000000403104_00171_48892_2820.N1	06-JUL-2011 18:45:30	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	48892	No
179	GOM_TRA_1PNPDK20110706_184835_000000373104_00171_48892_2821.N1	06-JUL-2011 18:48:35	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	48892	No
180	GOM_TRA_1PNPDK20110706_185635_000000443104_00171_48892_2822.N1	06-JUL-2011 18:56:35	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48892	No
181	GOM_TRA_1PNPDK20110706_190507_000000463104_00171_48892_2823.N1	06-JUL-2011 19:05:07	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	48892	No
182	GOM_TRA_1PNPDK20110706_190927_000000583104_00171_48892_2824.N1	06-JUL-2011 19:09:27	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	48892	No
183	GOM_TRA_1PNPDK20110706_191119_000000363104_00171_48892_2825.N1	06-JUL-2011 19:11:19	Bright	36.000	175	39Del Per	3.0100	19400.	72	48892	No
184	GOM_TRA_1PNPDK20110706_191247_000000623104_00171_48892_2826.N1	06-JUL-2011 19:12:47	Bright	62.000	73	57Gam1And	2.2600	13100.	124	48892	No
185	GOM_TRA_1PNPDK20110706_191603_000000403104_00171_48892_2827.N1	06-JUL-2011 19:16:03	Bright	39.500	150	44Zet Per	2.8900	28000.	79	48892	Yes
186	GOM_TRA_1PNPDK20110706_191827_000000403104_00171_48892_2828.N1	06-JUL-2011 19:18:27	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	48892	Yes
187	GOM_TRA_1PNPDK20110706_192530_000000573104_00171_48892_2829.N1	06-JUL-2011 19:25:30	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	48892	Yes
188	GOM_TRA_1PNPDK20110706_194538_000000513104_00172_48893_2830.N1	06-JUL-2011 19:45:38	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	48893	Yes
189	GOM_TRA_1PNPDK20110706_195154_000000623104_00172_48893_2831.N1	06-JUL-2011 19:51:54	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	48893	Yes
190	GOM_TRA_1PNPDK20110706_195342_000000483104_00172_48893_2832.N1	06-JUL-2011 19:53:42	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48893	Yes
191	GOM_TRA_1PNPDK20110706_195528_000000403104_00172_48893_2833.N1	06-JUL-2011 19:55:28	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	48893	Yes
192	GOM_TRA_1PNPDE20110706_200437_000000433104_00172_48893_1214.N1	06-JUL-2011 20:04:37	Twilight	43.000	103	38Zet Sgr	2.6000	9700.0	86	48893	Yes
193	GOM_TRA_1PNPDE20110706_200714_000000433104_00172_48893_1215.N1	06-JUL-2011 20:07:14	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	48893	No
194	GOM_TRA_1PNPDE20110706_201842_000000443104_00172_48893_1216.N1	06-JUL-2011 20:18:42	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	48893	No
195	GOM_TRA_1PNPDE20110706_202544_000000393104_00172_48893_1217.N1	06-JUL-2011 20:25:44	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	48893	No
196	GOM_TRA_1PNPDE20110706_202849_000000393104_00172_48893_1218.N1	06-JUL-2011 20:28:49	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	48893	No
197	GOM_TRA_1PNPDE20110706_203649_000000433104_00172_48893_1219.N1	06-JUL-2011 20:36:49	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	48893	No
198	GOM_TRA_1PNPDE20110706_204521_000000463104_00172_48893_1220.N1	06-JUL-2011 20:45:21	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	48893	No
199	GOM_TRA_1PNPDE20110706_204941_000000463104_00172_48893_1221.N1	06-JUL-2011 20:49:41	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	48893	No
200	GOM_TRA_1PNPDE20110706_205133_000000353104_00172_48893_1222.N1	06-JUL-2011 20:51:33	Bright	34.500	175	39Del Per	3.0100	19400.	69	48893	No
201	GOM_TRA_1PNPDE20110706_205301_000000553104_00172_48893_1223.N1	06-JUL-2011 20:53:01	Bright	54.500	73	57Gam1And	2.2600	13100.	109	48893	No
202	GOM_TRA_1PNPDE20110706_205618_000000423104_00172_48893_1224.N1	06-JUL-2011 20:56:18	Bright	42.000	150	44Zet Per	2.8900	28000.	84	48893	Yes
203	GOM_TRA_1PNPDE20110706_205841_000000433104_00172_48893_1225.N1	06-JUL-2011 20:58:41	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	48893	Yes
204	GOM_TRA_1PNPDE20110706_210545_000000523104_00172_48893_1239.N1	06-JUL-2011 21:05:45	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	48893	Yes
205	GOM_TRA_1PNPDE20110706_212553_000000503104_00173_48894_1240.N1	06-JUL-2011 21:25:53	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	48894	Yes
206	GOM_TRA_1PNPDE20110706_213209_000000663104_00173_48894_1241.N1	06-JUL-2011 21:32:09	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	48894	Yes
207	GOM_TRA_1PNPDE20110706_213357_000000493104_00173_48894_1242.N1	06-JUL-2011 21:33:57	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	48894	Yes
208	GOM_TRA_1PNPDE20110706_213542_000000413104_00173_48894_1243.N1	06-JUL-2011 21:35:42	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	48894	Yes
209	GOM_TRA_1PNPDE20110706_214451_000000443104_00173_48894_1244.N1	06-JUL-2011 21:44:51	Twilight	44.000	103	38Zet Sgr	2.6000	9700.0	88	48894	Yes
210	GOM_TRA_1PNPDE20110706_214728_000000433104_00173_48894_1245.N1	06-JUL-2011 21:47:28	Bright	43.000	155	41Pi Sgr	2.9000	6600.0	86	48894	No
211	GOM_TRA_1PNPDE20110706_215856_000000453104_00173_48894_1246.N1	06-JUL-2011 21:58:56	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	48894	No
212	GOM_TRA_1PNPDE20110706_220557_000000433104_00173_48894_1247.N1	06-JUL-2011 22:05:57	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	48894	No
213	GOM_TRA_1PNPDE20110706_220903_000000393104_00173_48894_1248.N1	06-JUL-2011 22:09:03	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	48894	No
214	GOM_TRA_1PNPDE20110706_221702_000000443104_00173_48894_1249.N1	06-JUL-2011 22:17:02	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48894	No
215	GOM_TRA_1PNPDE20110706_222534_000000473104_00173_48894_1250.N1	06-JUL-2011 22:25:34	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	48894	No
216	GOM_TRA_1PNPDE20110706_222954_000000393104_00173_48894_1251.N1	06-JUL-2011 22:29:54	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	48894	No
217	GOM_TRA_1PNPDE20110706_223147_000000343104_00173_48894_1252.N1	06-JUL-2011 22:31:47	Bright	34.000	175	39Del Per	3.0100	19400.	68	48894	No
218	GOM_TRA_1PNPDE20110706_223315_000000563104_00173_48894_1253.N1	06-JUL-2011 22:33:15	Bright	56.000	73	57Gam1And	2.2600	13100.	112	48894	No
219	GOM_TRA_1PNPDE20110706_223632_000000443104_00173_48894_1254.N1	06-JUL-2011 22:36:32	Bright	43.500	150	44Zet Per	2.8900	28000.	87	48894	Yes
220	GOM_TRA_1PNPDE20110706_223855_000000423104_00173_48894_1255.N1	06-JUL-2011 22:38:55	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	48894	Yes
221	GOM_TRA_1PNPDE20110706_224559_000000523104_00173_48894_1256.N1	06-JUL-2011 22:45:59	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	48894	Yes
222	GOM_TRA_1PNPDE20110706_230607_000000503104_00174_48895_1265.N1	06-JUL-2011 23:06:07	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	48895	Yes
223	GOM_TRA_1PNPDE20110706_231224_000000503104_00174_48895_1266.N1	06-JUL-2011 23:12:24	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	48895	Yes
224	GOM_TRA_1PNPDE20110706_231412_000000493104_00174_48895_1267.N1	06-JUL-2011 23:14:12	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48895	Yes
225	GOM_TRA_1PNPDE20110706_231557_000000393104_00174_48895_1268.N1	06-JUL-2011 23:15:57	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	48895	Yes
226	GOM_TRA_1PNPDE20110706_232505_000000473104_00174_48895_1269.N1	06-JUL-2011 23:25:05	Twilight	47.000	103	38Zet Sgr	2.6000	9700.0	94	48895	Yes
227	GOM_TRA_1PNPDE20110706_232742_000000423104_00174_48895_1270.N1	06-JUL-2011 23:27:42	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	48895	No
228	GOM_TRA_1PNPDE20110706_233909_000000433104_00174_48895_1271.N1	06-JUL-2011 23:39:09	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	48895	No
229	GOM_TRA_1PNPDE20110706_234611_000000593104_00174_48895_1272.N1	06-JUL-2011 23:46:11	Bright	59.000	5	3Alp Lyr	0.033000	11000.	118	48895	No
230	GOM_TRA_1PNPDE20110706_234916_000000383104_00174_48895_1273.N1	06-JUL-2011 23:49:16	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	48895	No
231	GOM_TRA_1PNPDE20110706_235715_000000443104_00174_48895_1274.N1	06-JUL-2011 23:57:15	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48895	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).

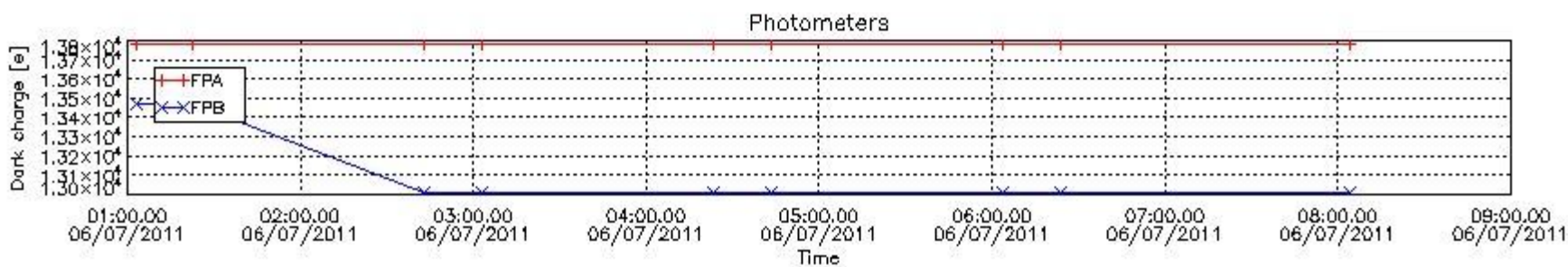
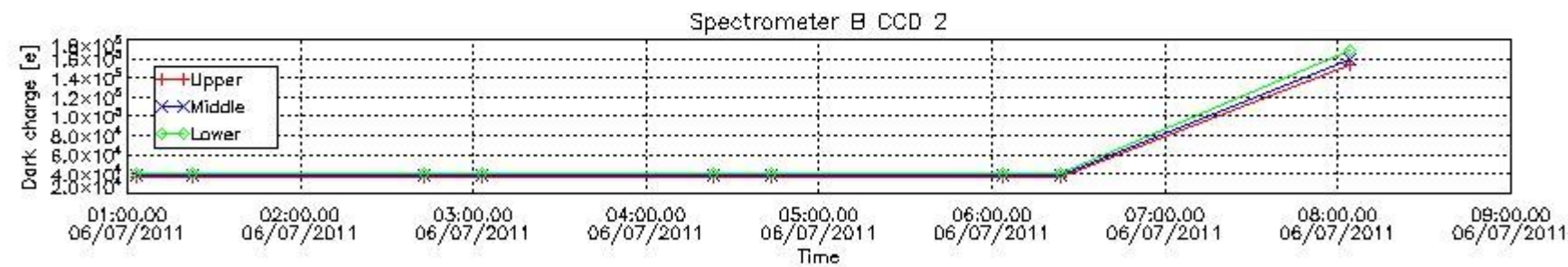
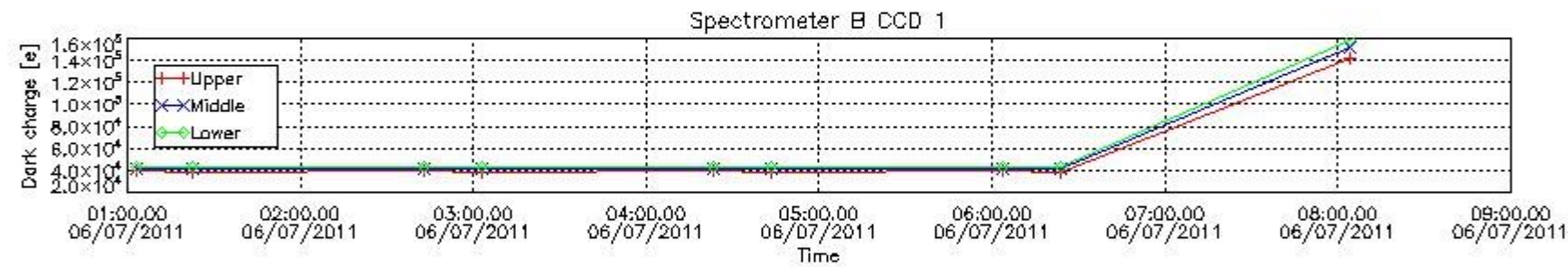
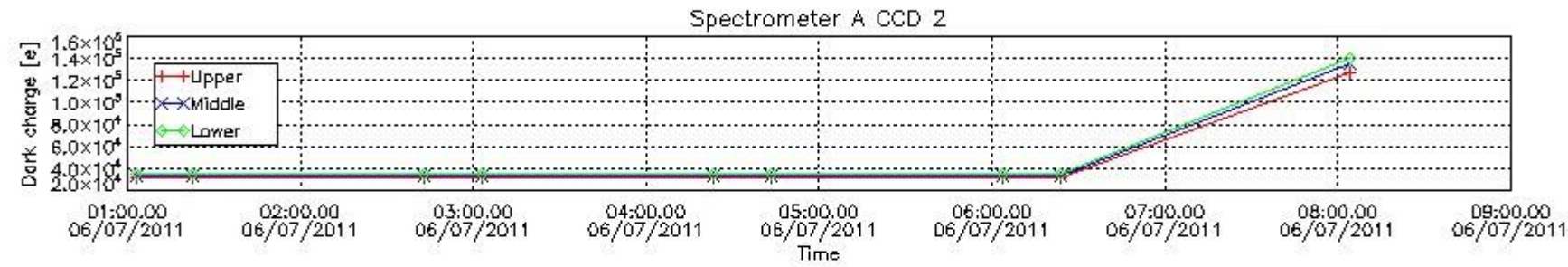
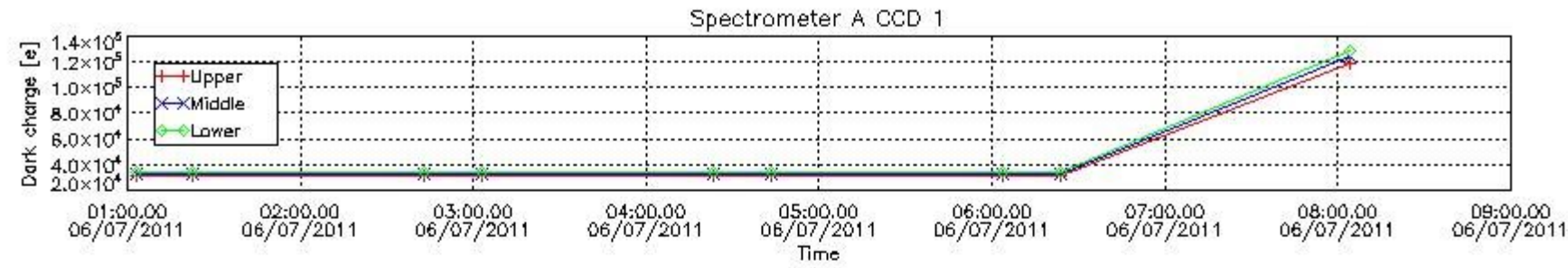
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDK20110706_080352_000000503104_00165_48886_2664.N1	DC map used
GOM_TRA_1PNPDK20110706_081010_000000673104_00165_48886_2665.N1	DC map used
GOM_TRA_1PNPDK20110706_081159_000000593104_00165_48886_2666.N1	DC map used
GOM_TRA_1PNPDK20110706_081347_000000413104_00165_48886_2667.N1	DC map used
GOM_TRA_1PNPDK20110706_082258_000000473104_00165_48886_2668.N1	DC map used
GOM_TRA_1PNPDK20110706_082535_000000423104_00165_48886_2669.N1	DC map used
GOM_TRA_1PNPDE20110706_200437_000000433104_00172_48893_1214.N1	DC map used
GOM_TRA_1PNPDE20110706_200714_000000433104_00172_48893_1215.N1	DC map used
GOM_TRA_1PNPDE20110706_201842_000000443104_00172_48893_1216.N1	DC map used
GOM_TRA_1PNPDE20110706_202544_000000393104_00172_48893_1217.N1	DC map used
GOM_TRA_1PNPDE20110706_202849_000000393104_00172_48893_1218.N1	DC map used

GOM_TRA_1PNPDE20110706_203649_000000433104_00172_48893_1219.N1	DC map used
GOM_TRA_1PNPDE20110706_204521_000000463104_00172_48893_1220.N1	DC map used
GOM_TRA_1PNPDE20110706_204941_000000463104_00172_48893_1221.N1	DC map used
GOM_TRA_1PNPDE20110706_205133_000000353104_00172_48893_1222.N1	DC map used
GOM_TRA_1PNPDE20110706_205301_000000553104_00172_48893_1223.N1	DC map used
GOM_TRA_1PNPDE20110706_205618_000000423104_00172_48893_1224.N1	DC map used
GOM_TRA_1PNPDE20110706_205841_000000433104_00172_48893_1225.N1	DC map used

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



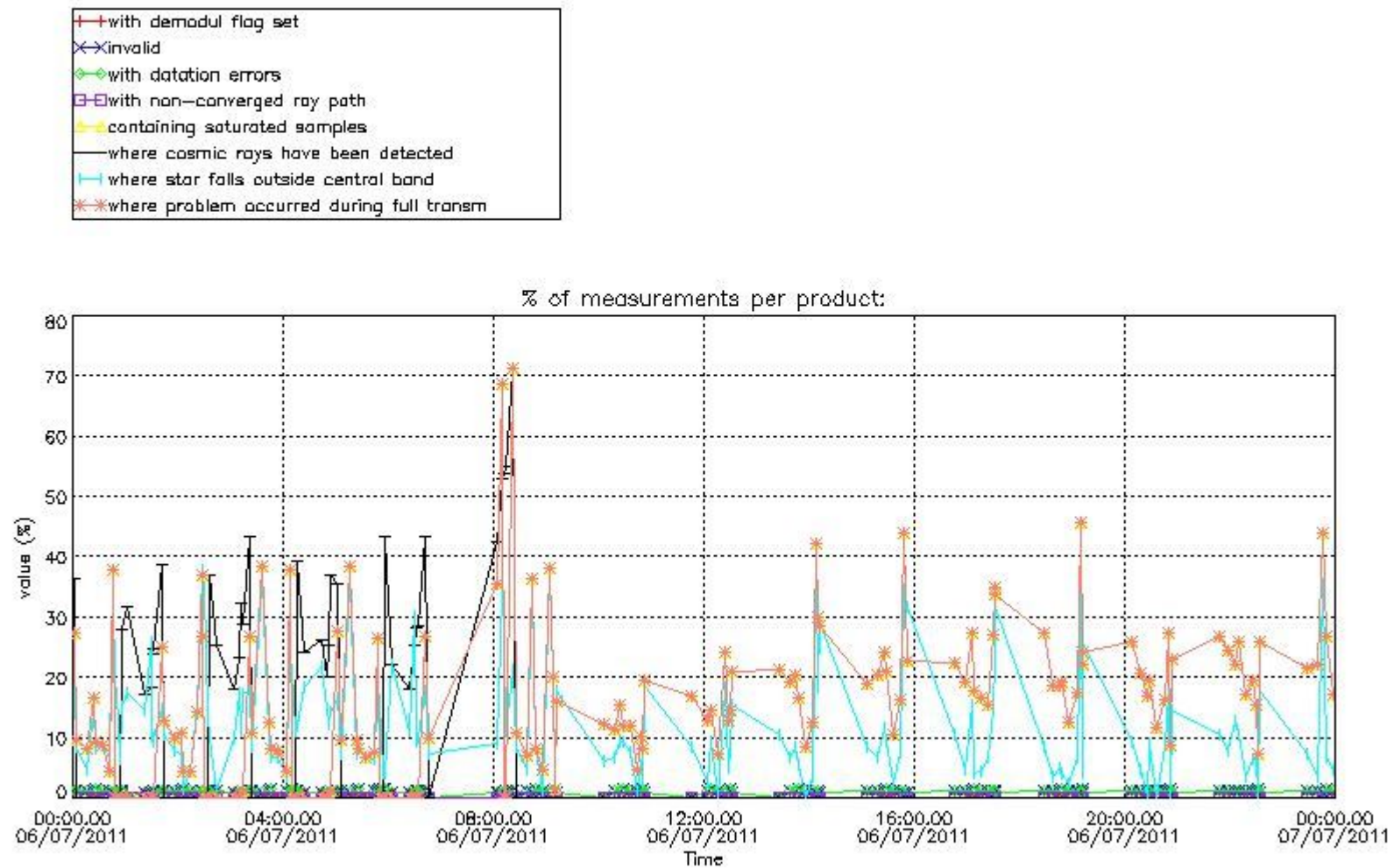
5. Demodulation flag and quality information monitoring

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.

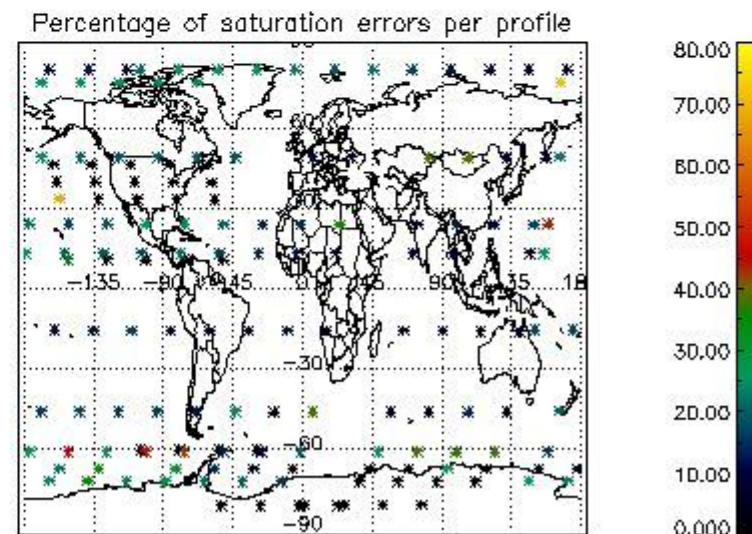
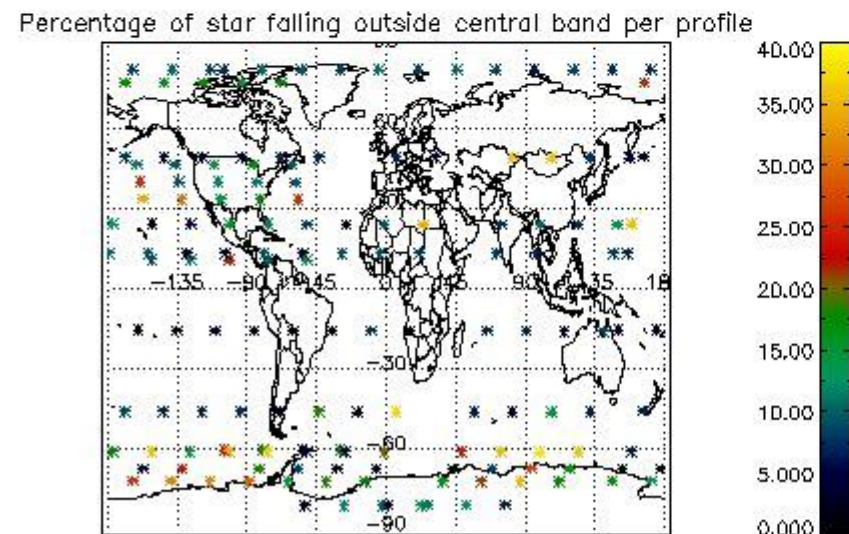
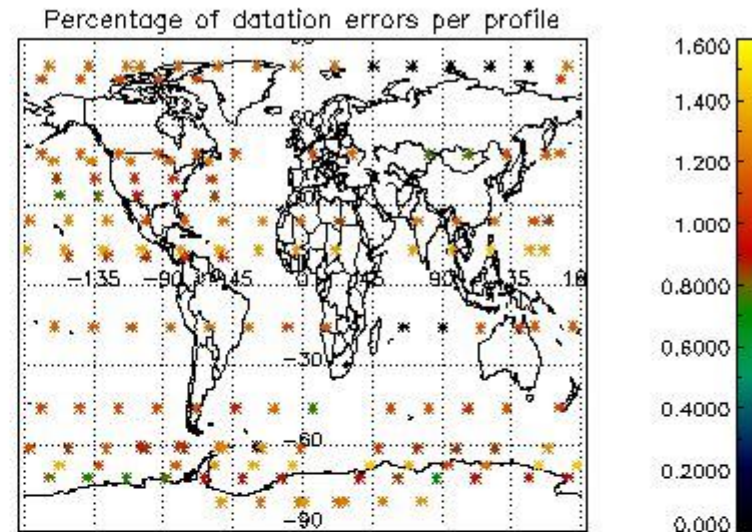
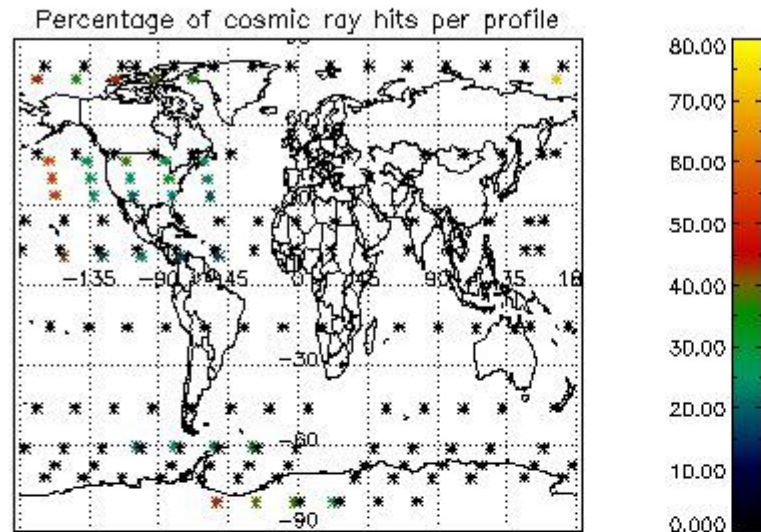
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	21.3836 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	78.6163 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



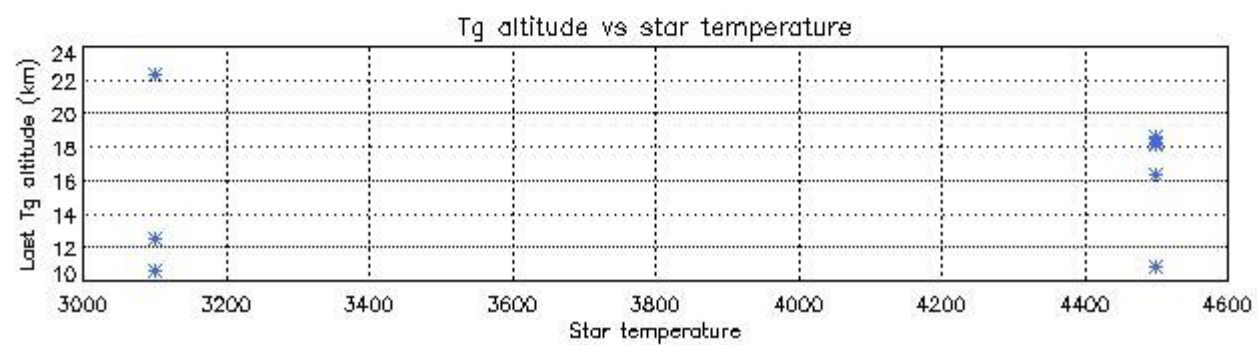
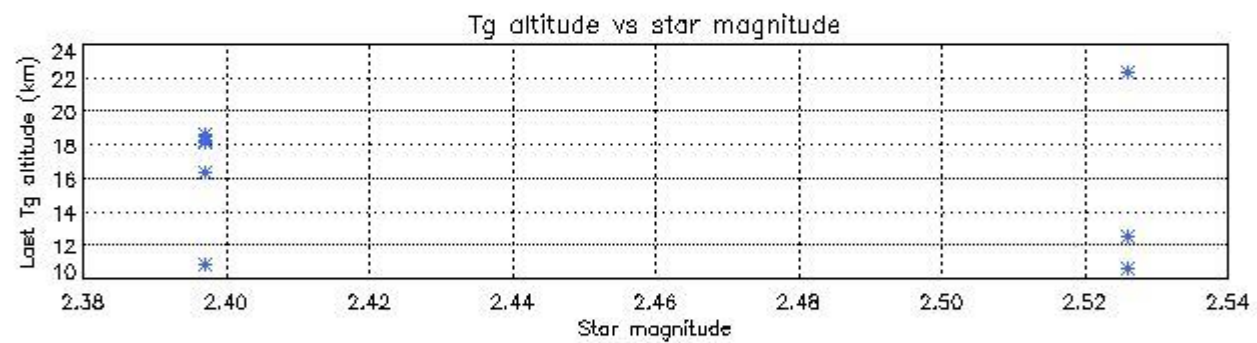
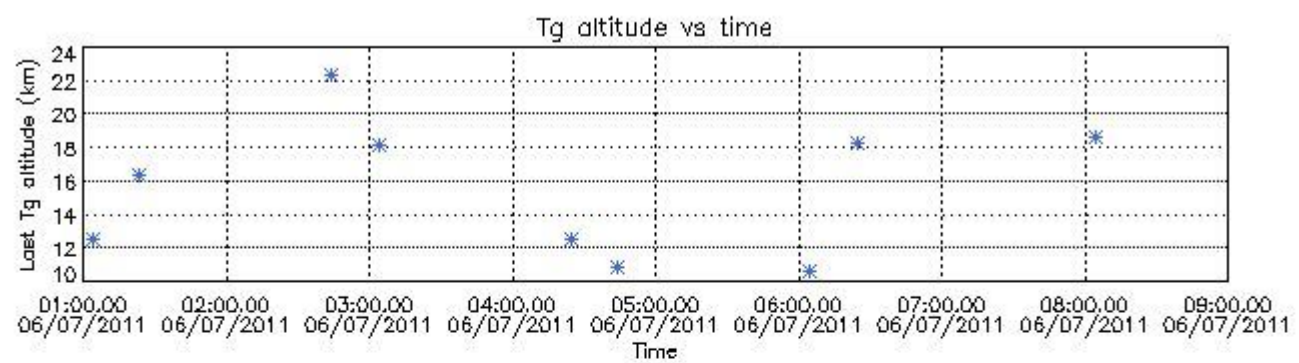
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.577	18.025	16.655
St. deviation:	4.1270	6.5463	3.3250
Maximum:	22.372	30.724	21.296
Minimum:	10.643	3.0185	13.743
Number of data:	9.0000	125.00	4.0000

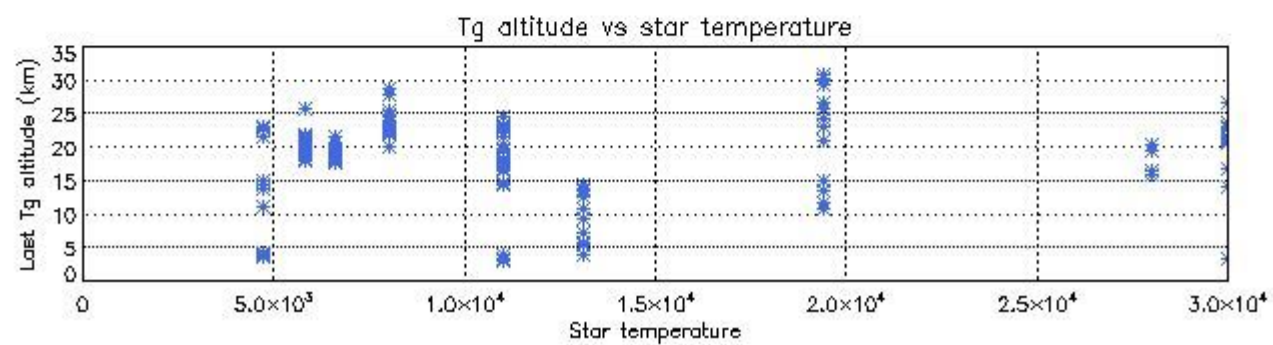
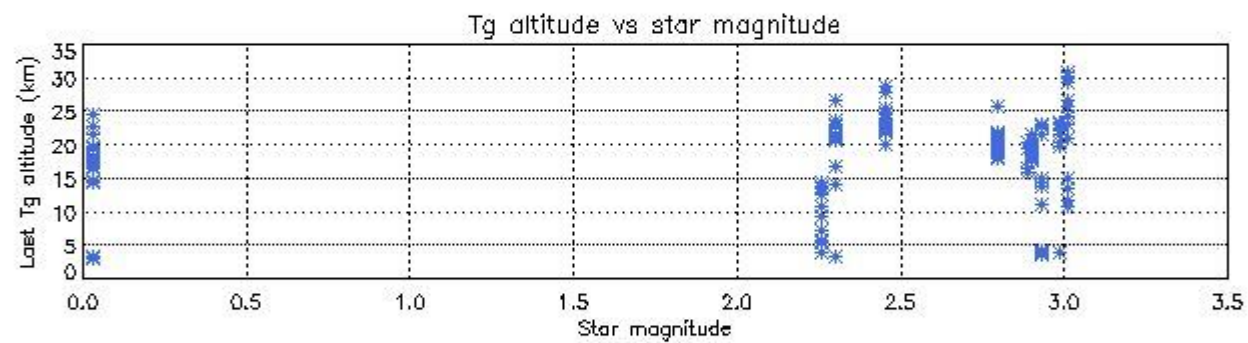
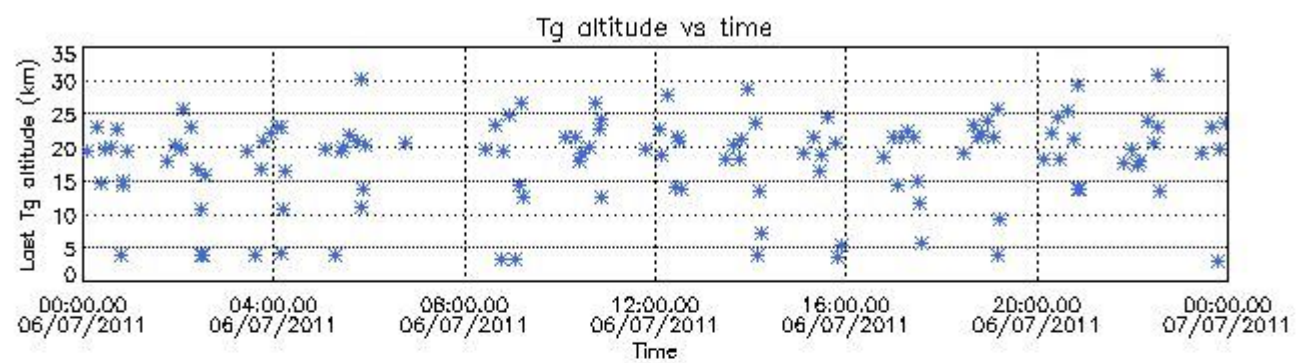
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



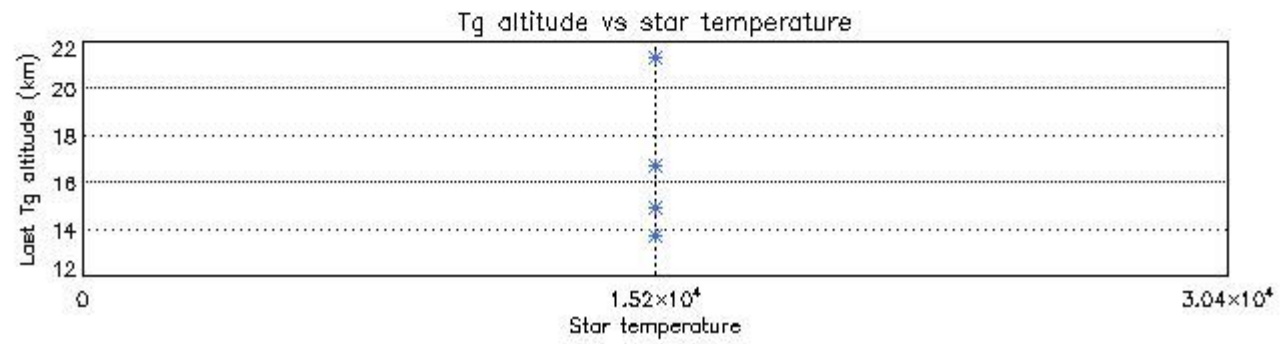
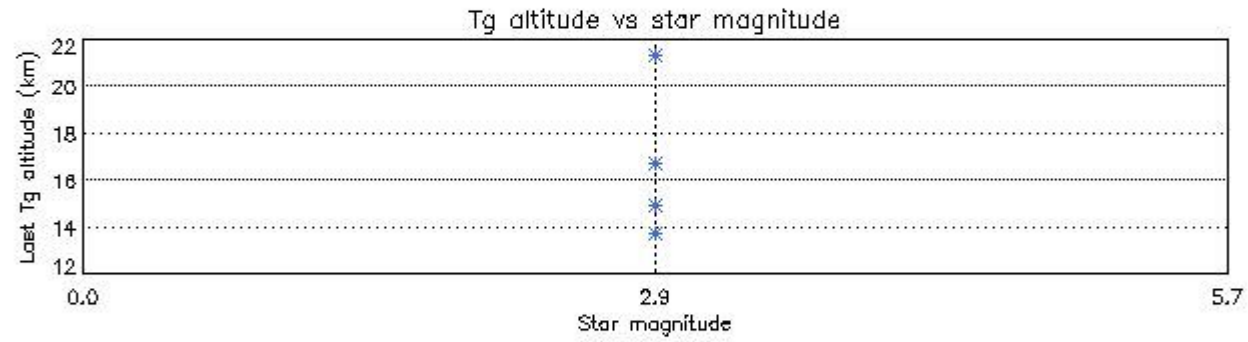
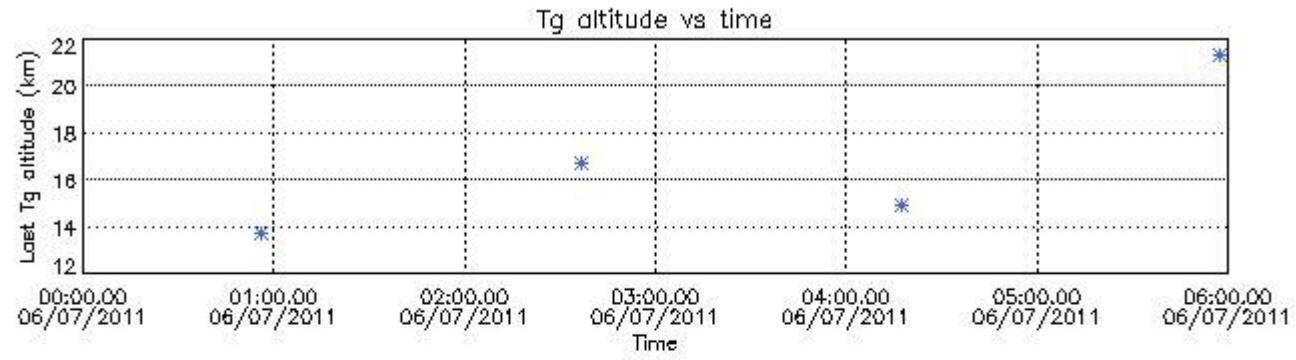
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

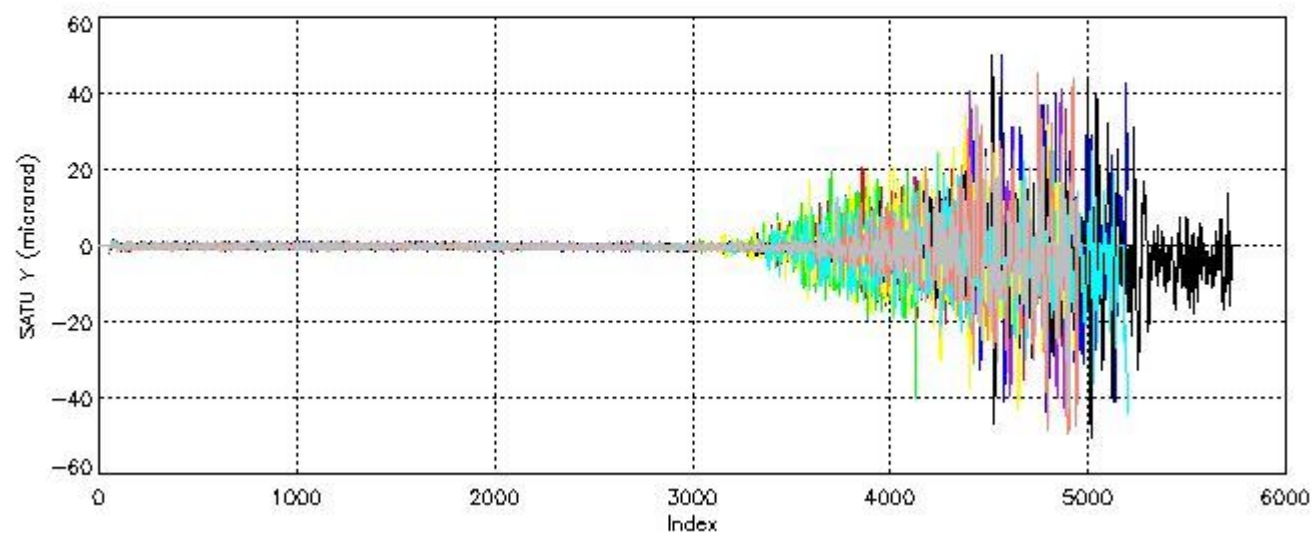
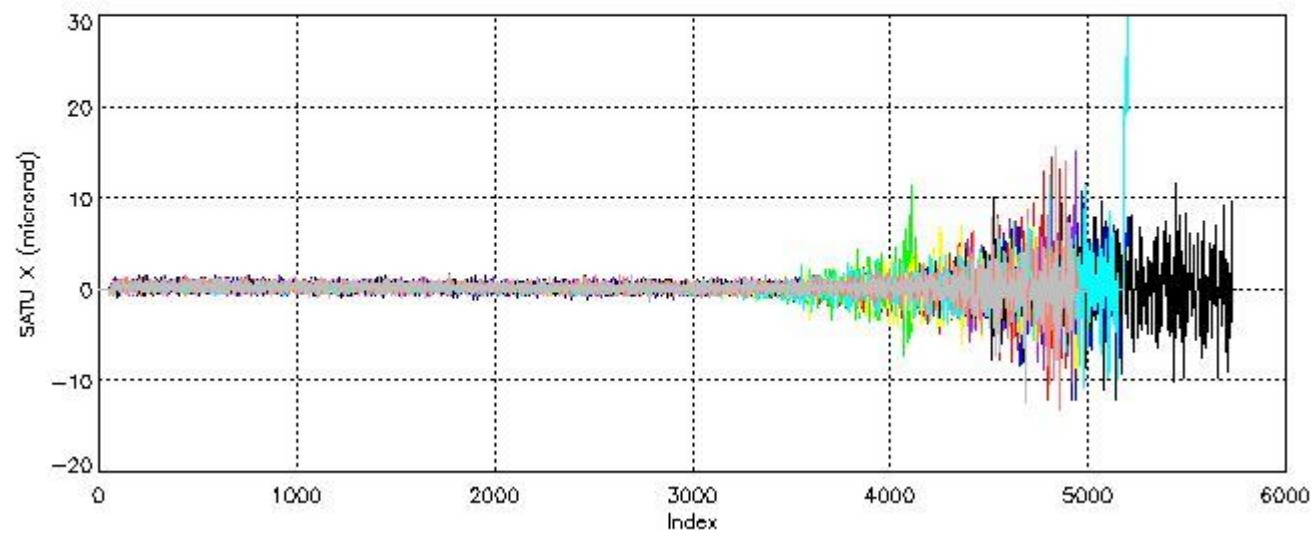


7. Star Acquisition and Tracking Unit (SATU)

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:	0.22619	-0.19750	0.19130	-0.23702
St. deviation:	0.30366	0.37973	0.92178	1.0436
Maximum:	1.5000	1.6000	6.7000	17.700
Minimum:	-0.90000	-2.1000	-15.700	-11.500

Number of data:	9750.0	9750.0	1.2435E+05	1.2435E+05
90Percentile:	0.70000	0.30000	1.4000	1.1000

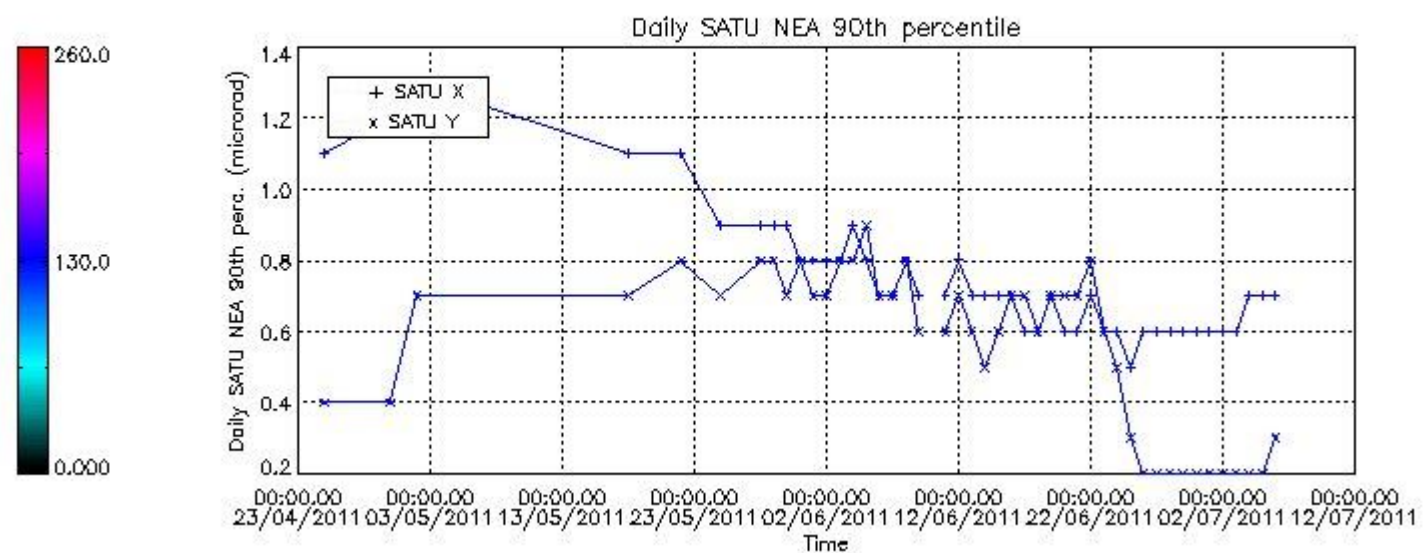
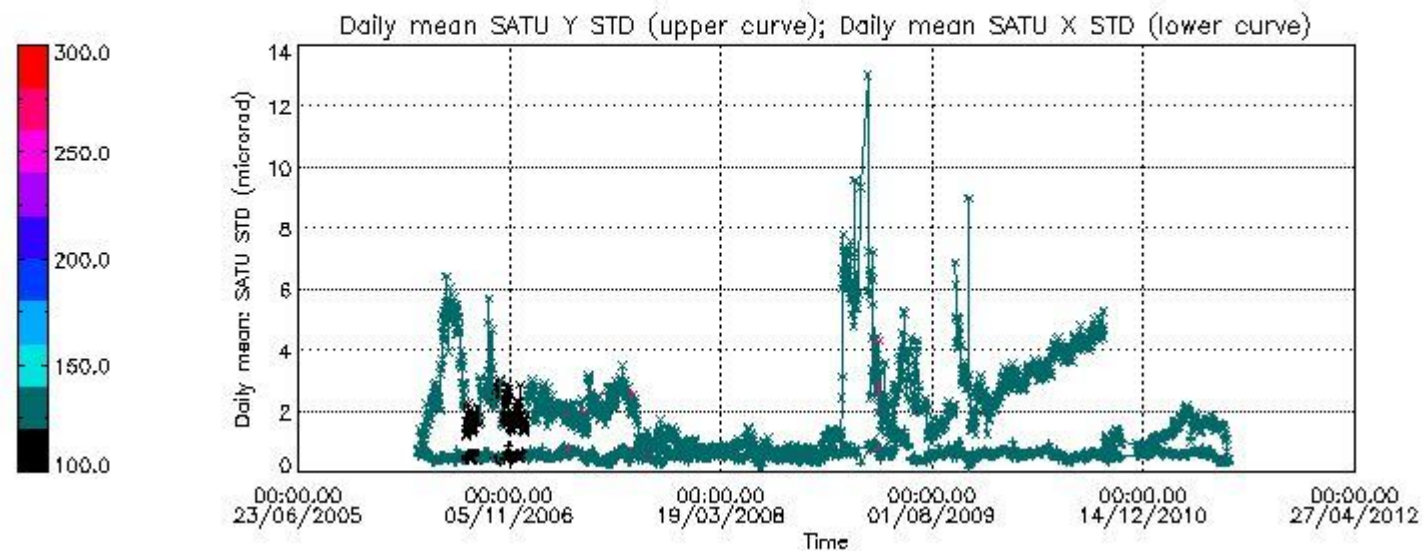
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

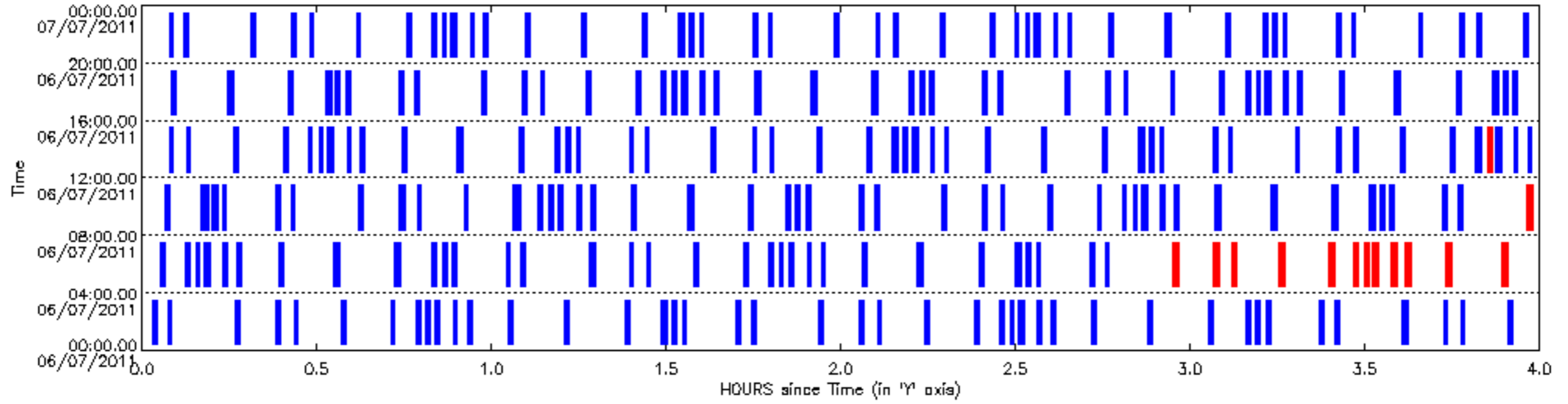
Lower curve: STD of SATU X axis

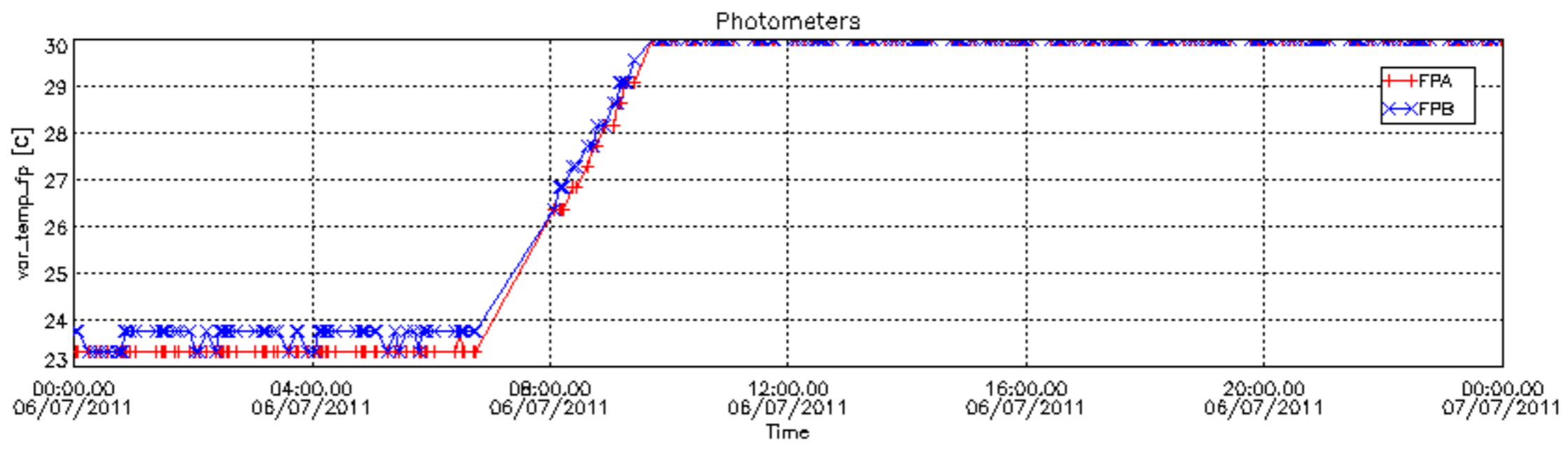
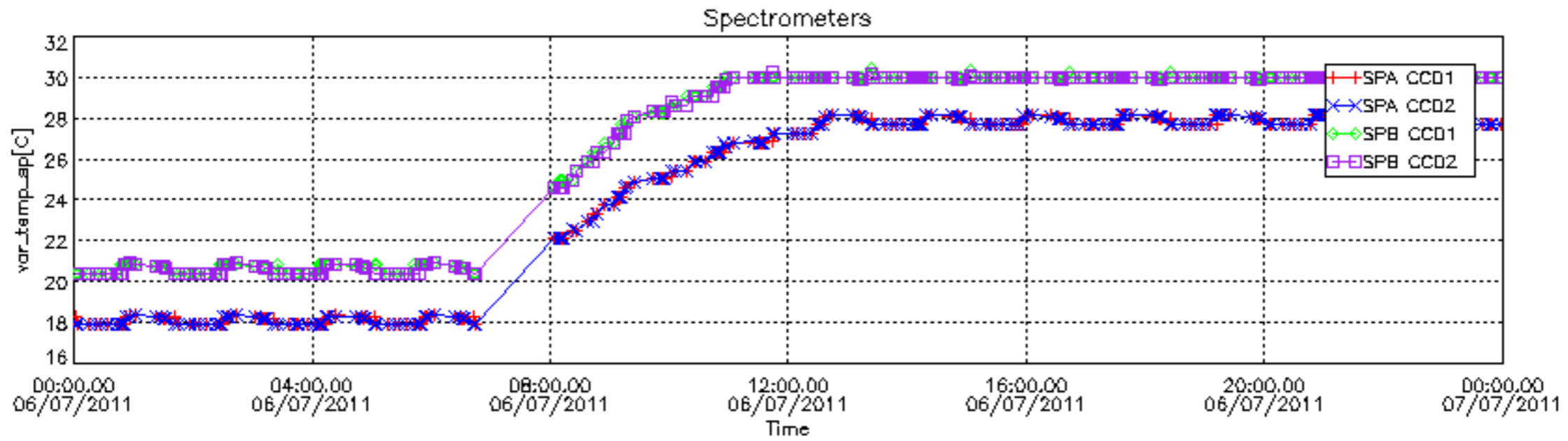


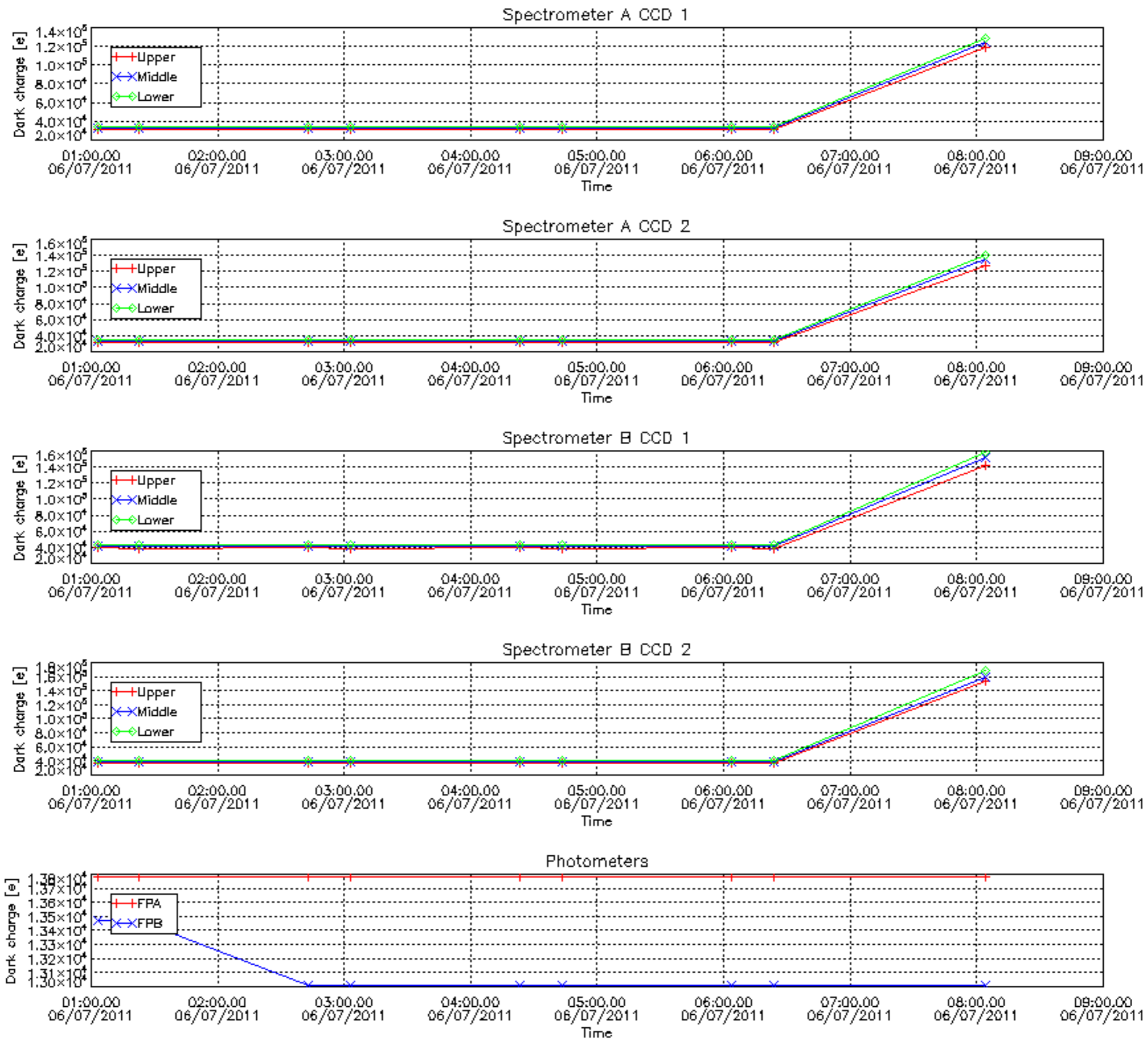
8. Auxiliary Data Files used for the production reported in section 2.4

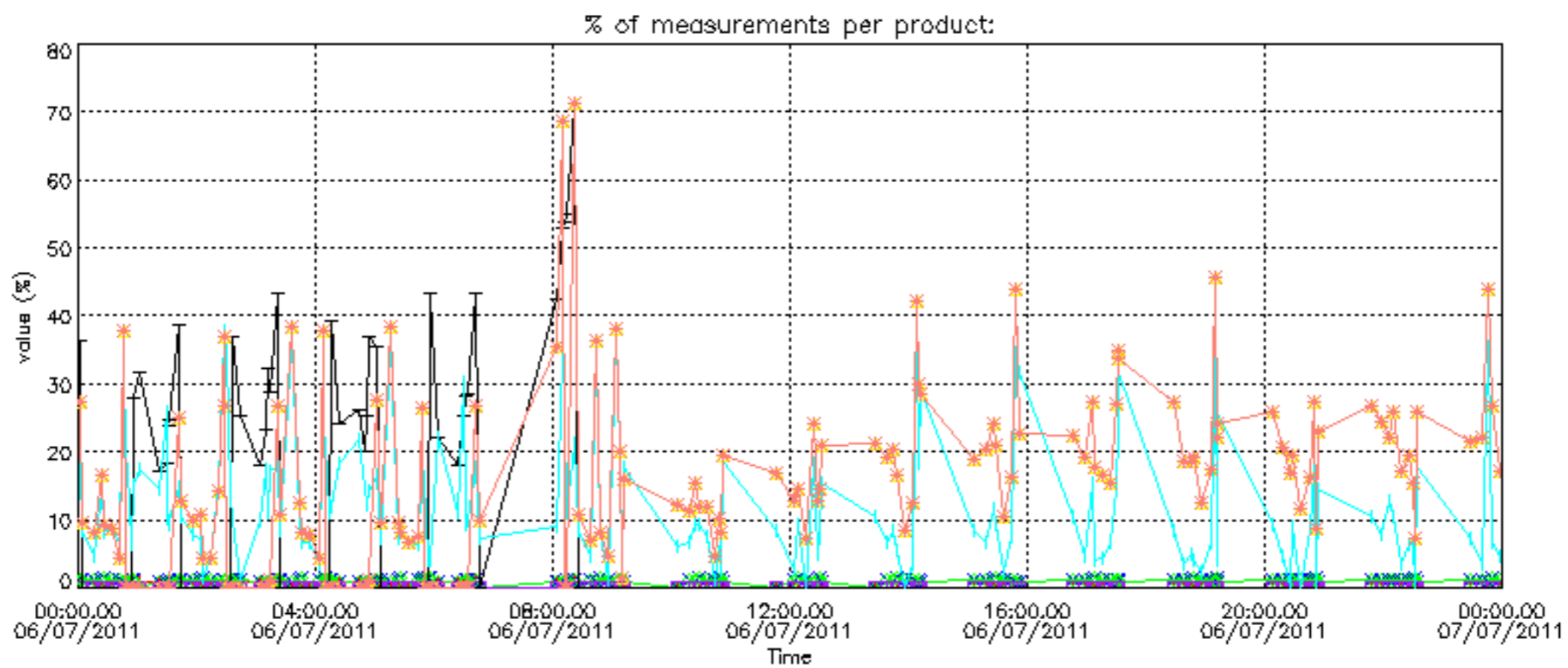
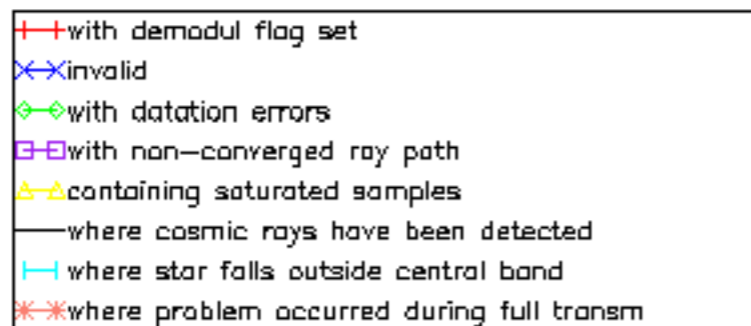
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-JUL-2011 00:01:46
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110628_073212_20110627_000000_20500101_000000	1	06-JUL-2011 00:01:46
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	06-JUL-2011 00:01:46
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20110513_081743_20020301_000000_20500101_000000	71	06-JUL-2011 08:03:52
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	06-JUL-2011 00:01:46
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	06-JUL-2011 00:01:46
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ECMWF_FILE	AUX_ECF_AXNECM20110705_182115_20110706_030000_20110706_150000	41	06-JUL-2011 04:03:05
ECMWF_FILE	AUX_ECA_AXNECM20110706_063236_20110705_210000_20110706_090000	58	06-JUL-2011 05:43:19
ECMWF_FILE	MISSING	71	06-JUL-2011 08:03:52
ECMWF_FILE	AUX_ECF_AXNECM20110706_063237_20110706_150000_20110707_030000	192	06-JUL-2011 20:04:37
ECMWF_FILE	AUX_ECF_AXNECM20110706_063237_20110706_210000_20110707_090000	204	06-JUL-2011 21:05:45
OPTIONAL_ECMWF_FILE	MISSING	1	06-JUL-2011 00:01:46
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110705_102115_20110704_191541_20110714_212927	1	06-JUL-2011 00:01:46
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110703_101730_20110702_184855_20110712_210242	71	06-JUL-2011 08:03:52
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110706_103235_20110705_183856_20110715_205243	192	06-JUL-2011 20:04:37

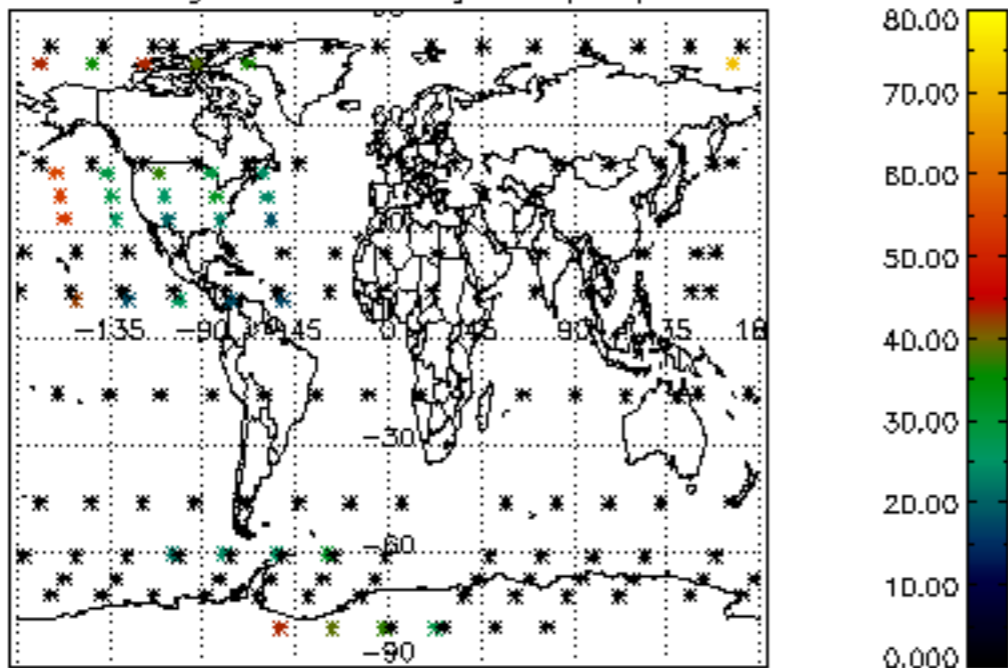




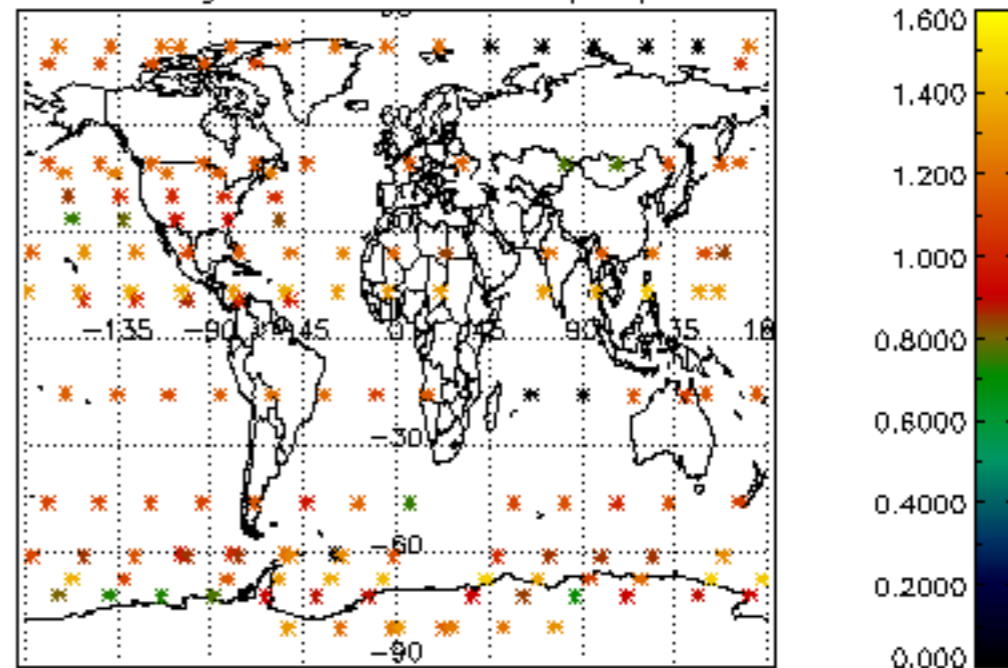




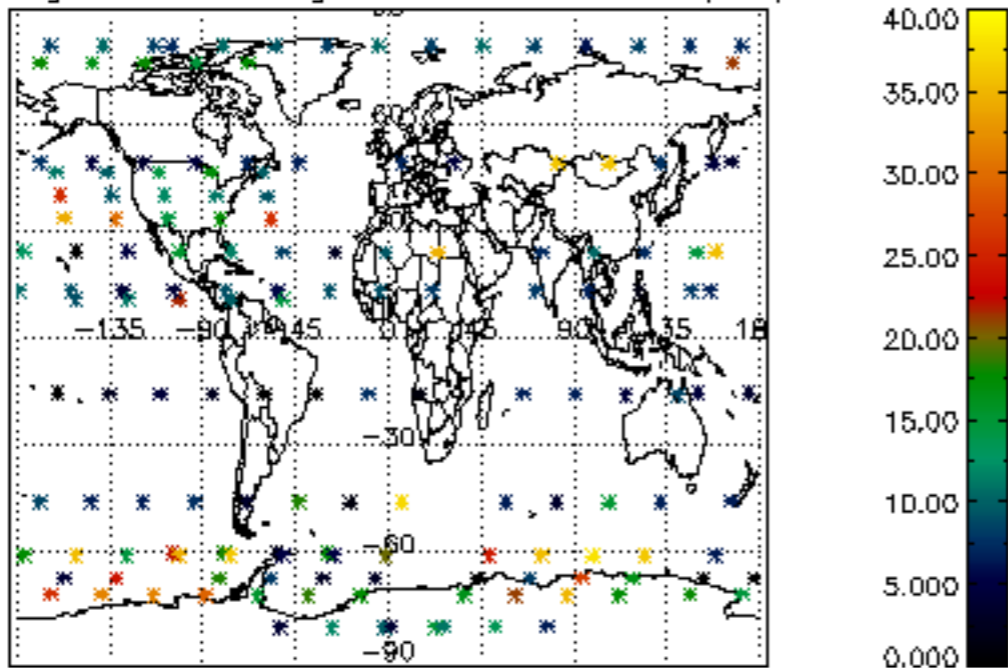
Percentage of cosmic ray hits per profile



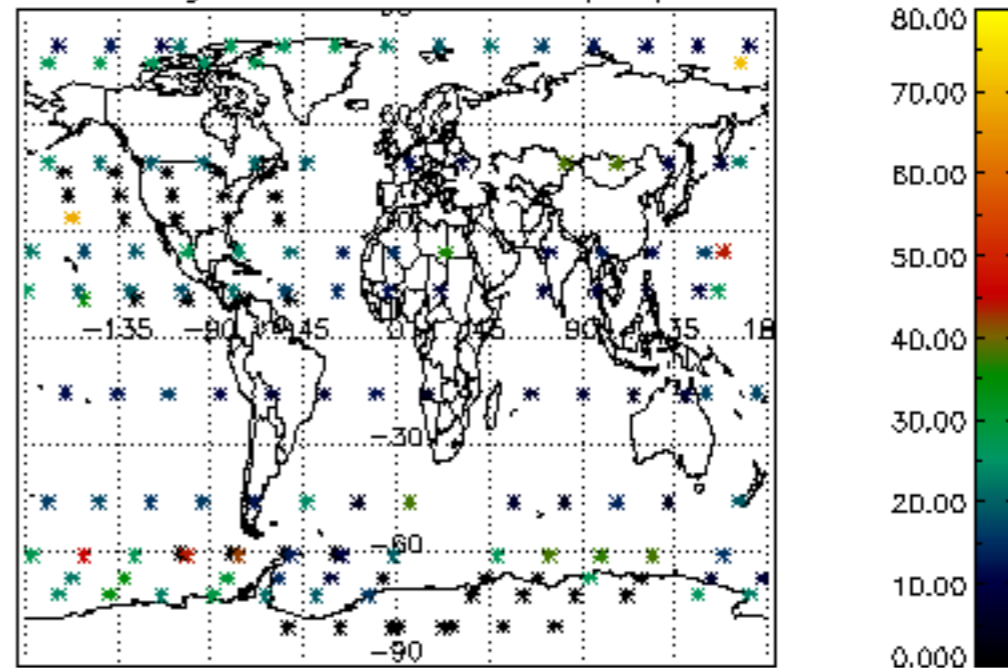
Percentage of datation errors per profile



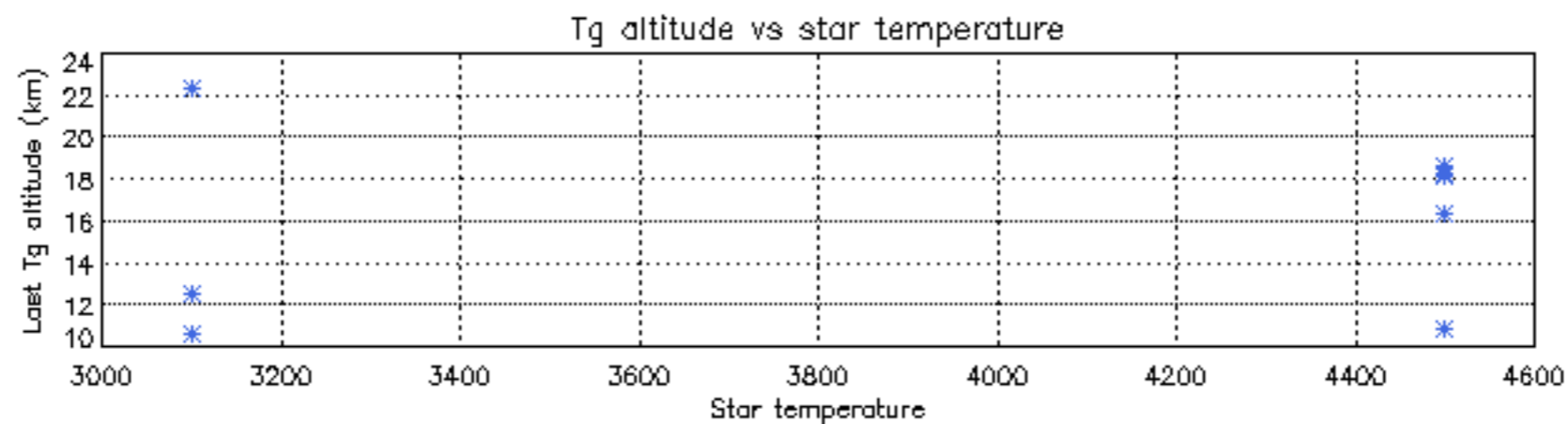
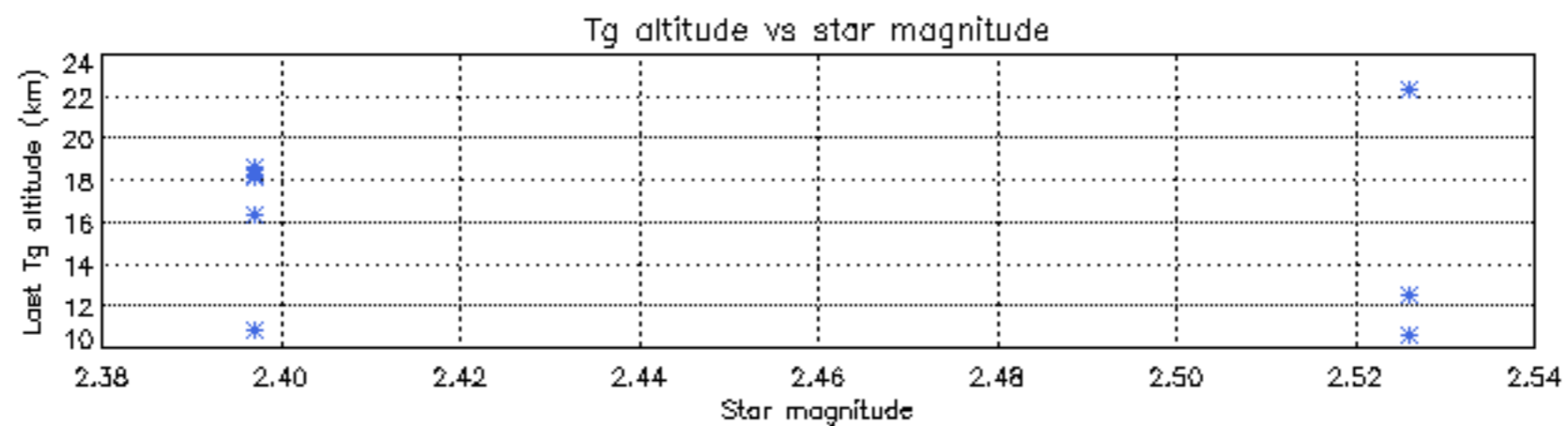
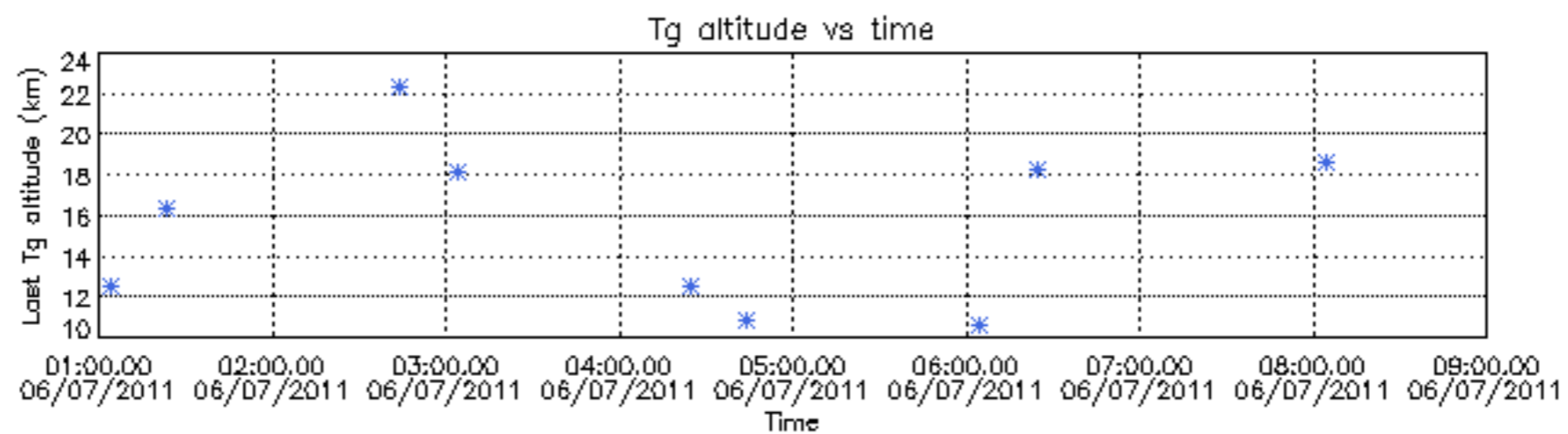
Percentage of star falling outside central band per profile



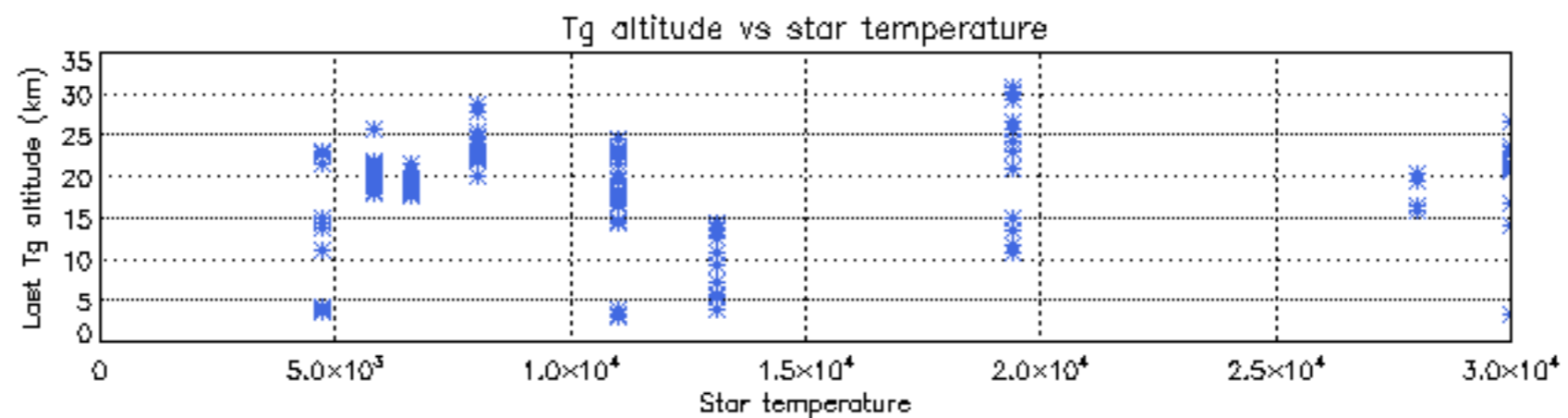
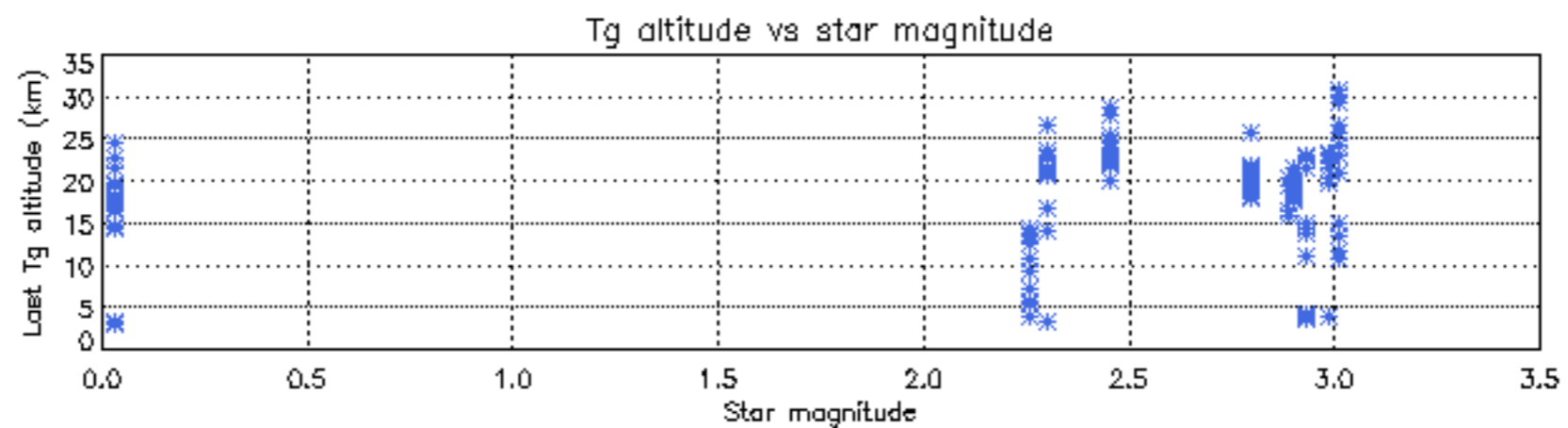
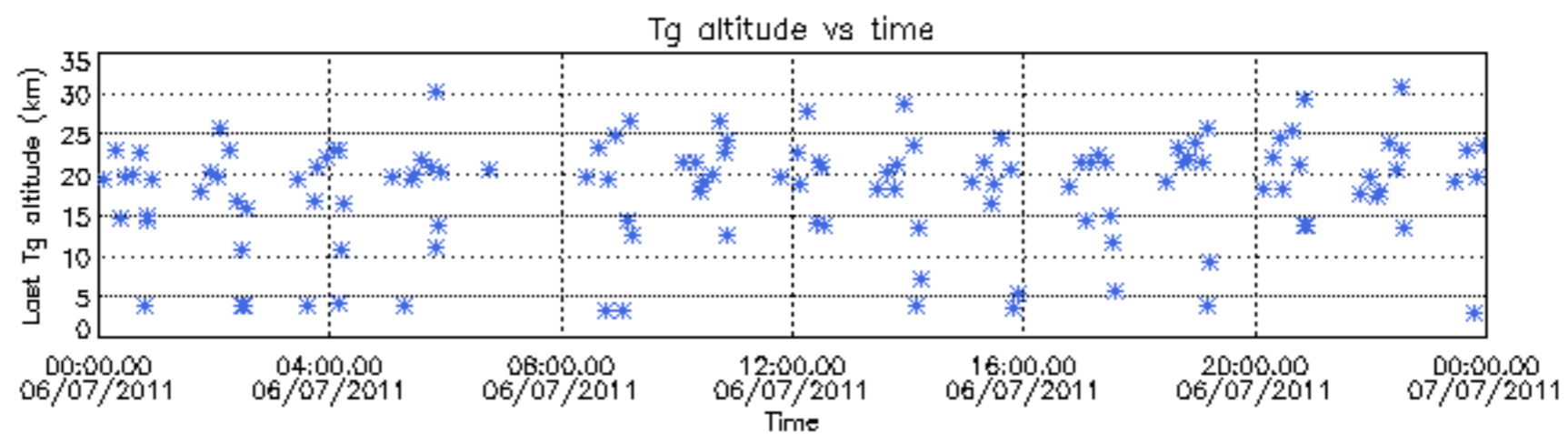
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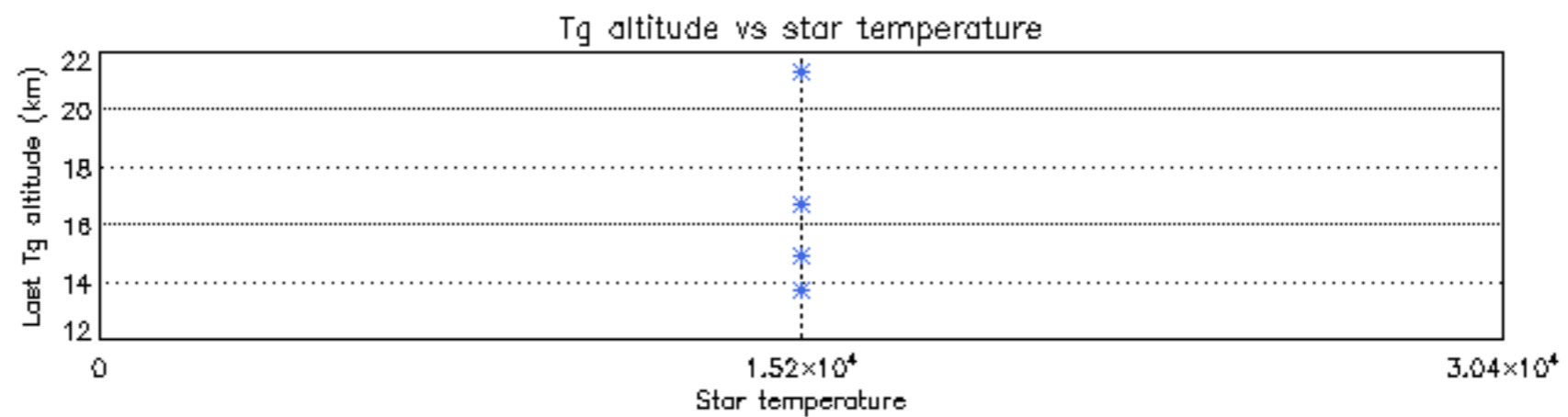
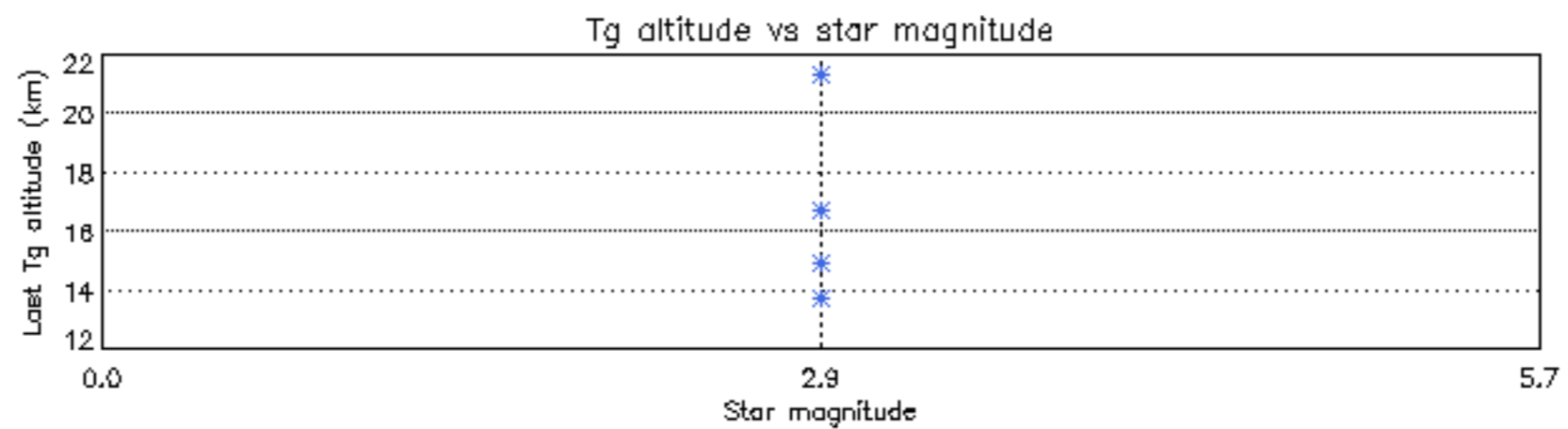
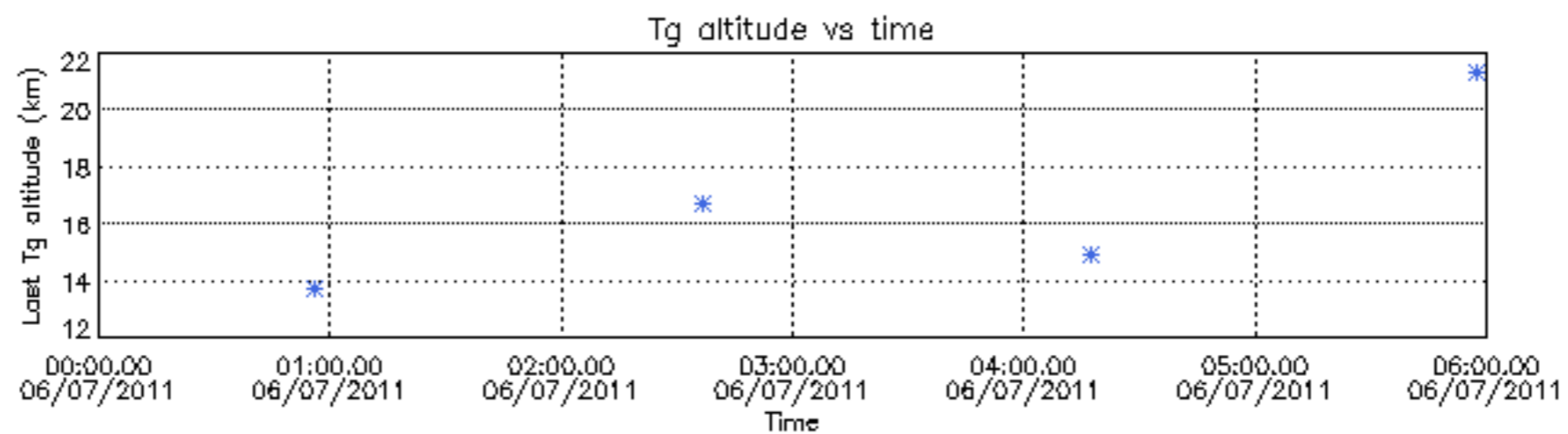
Tangent altitude at which the star is lost

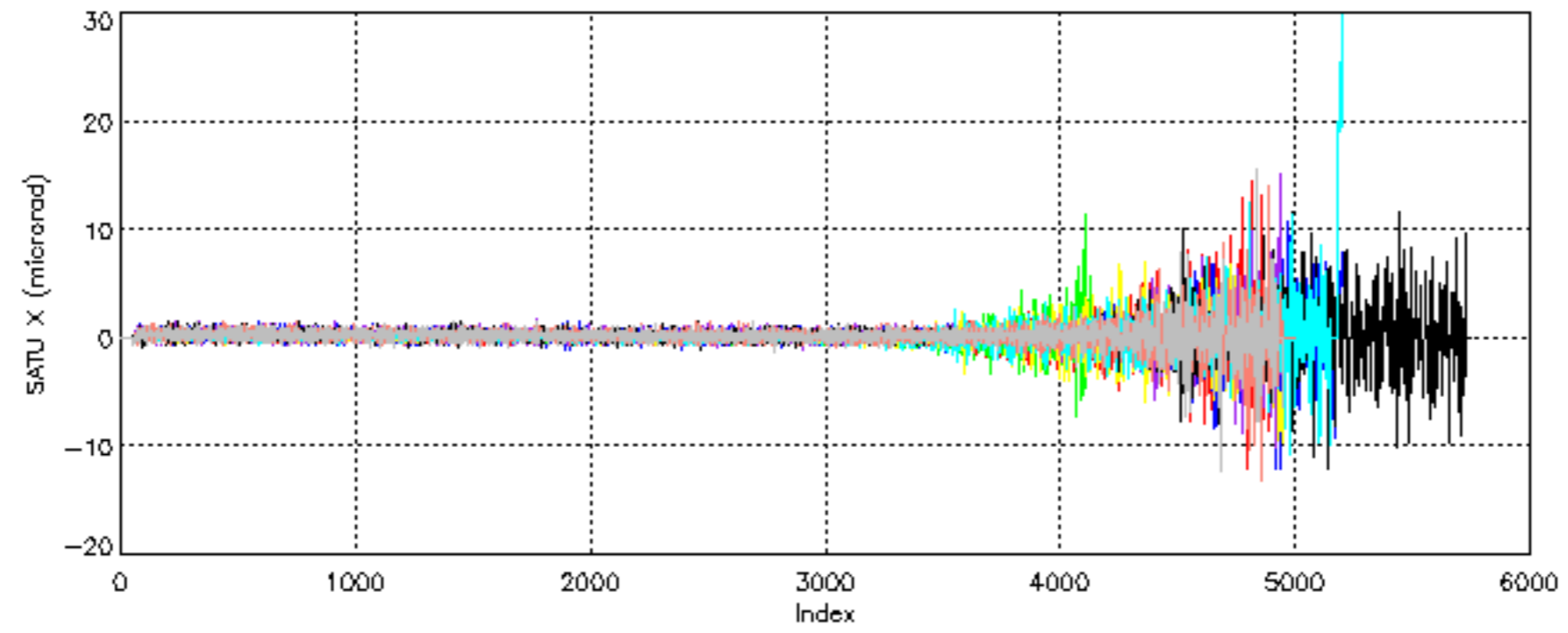


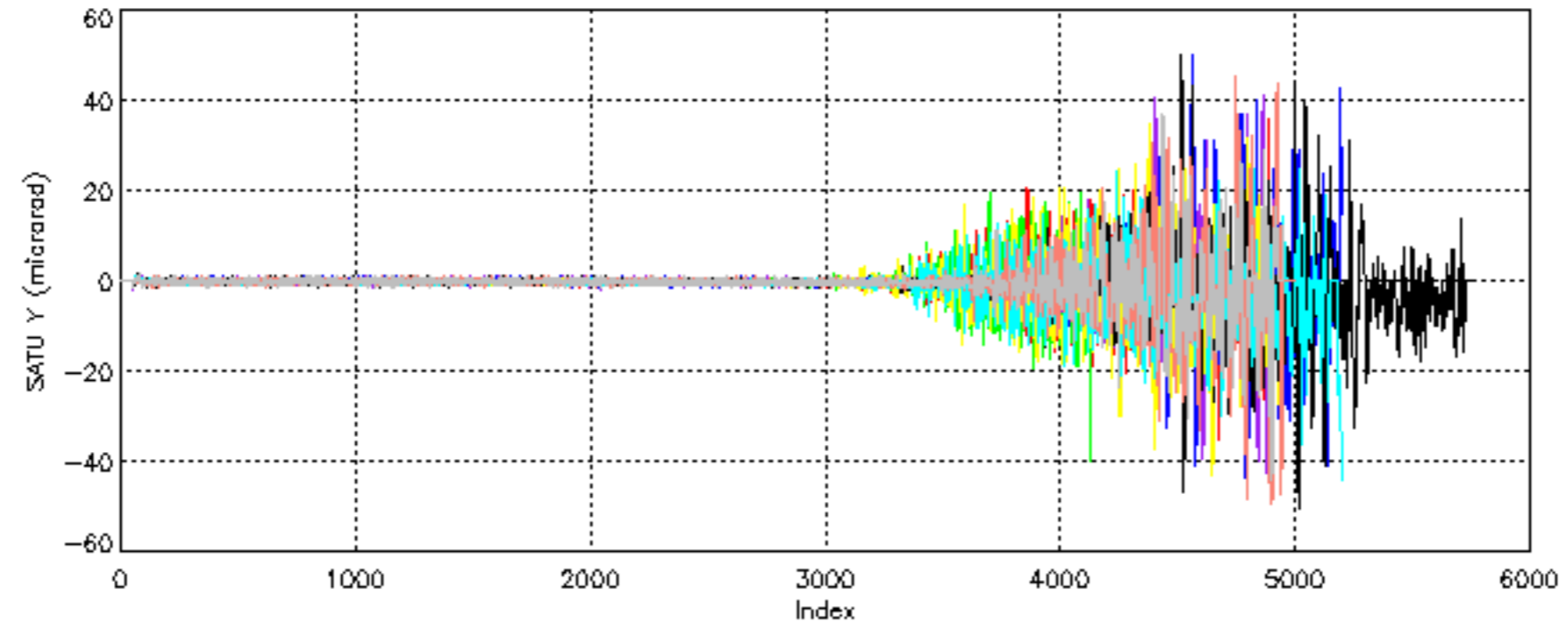
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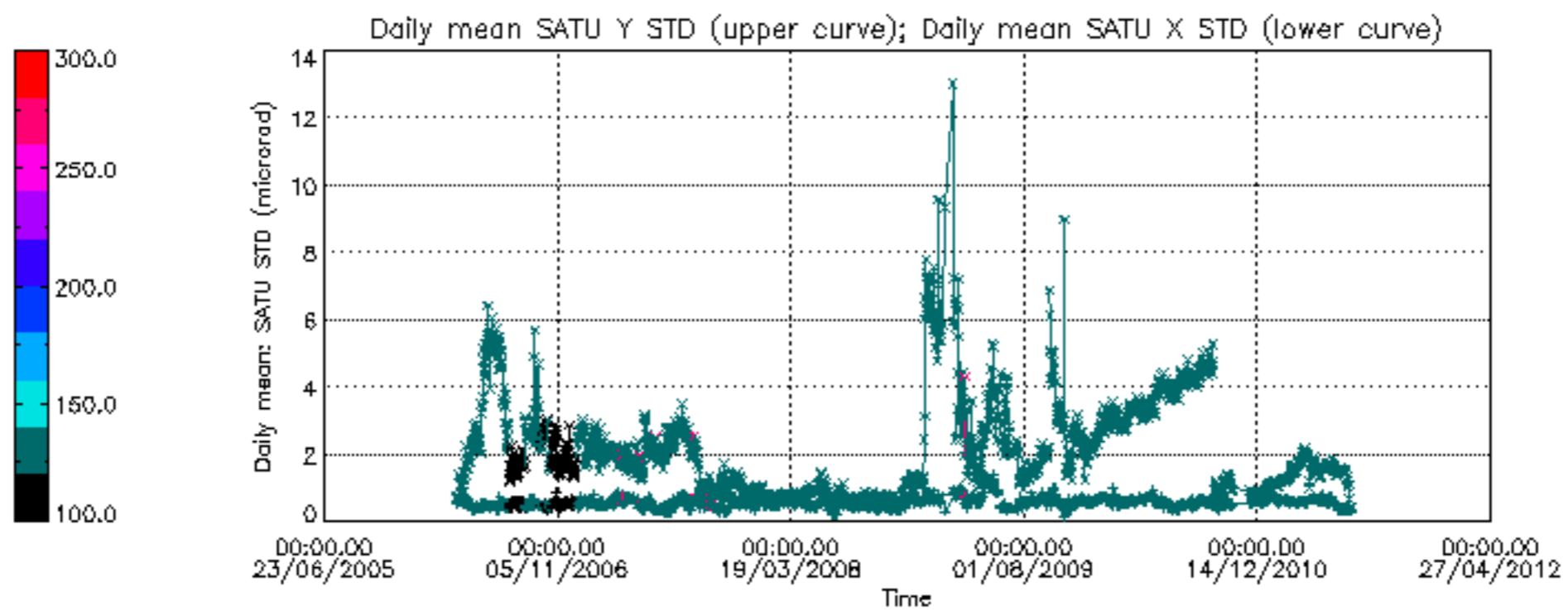


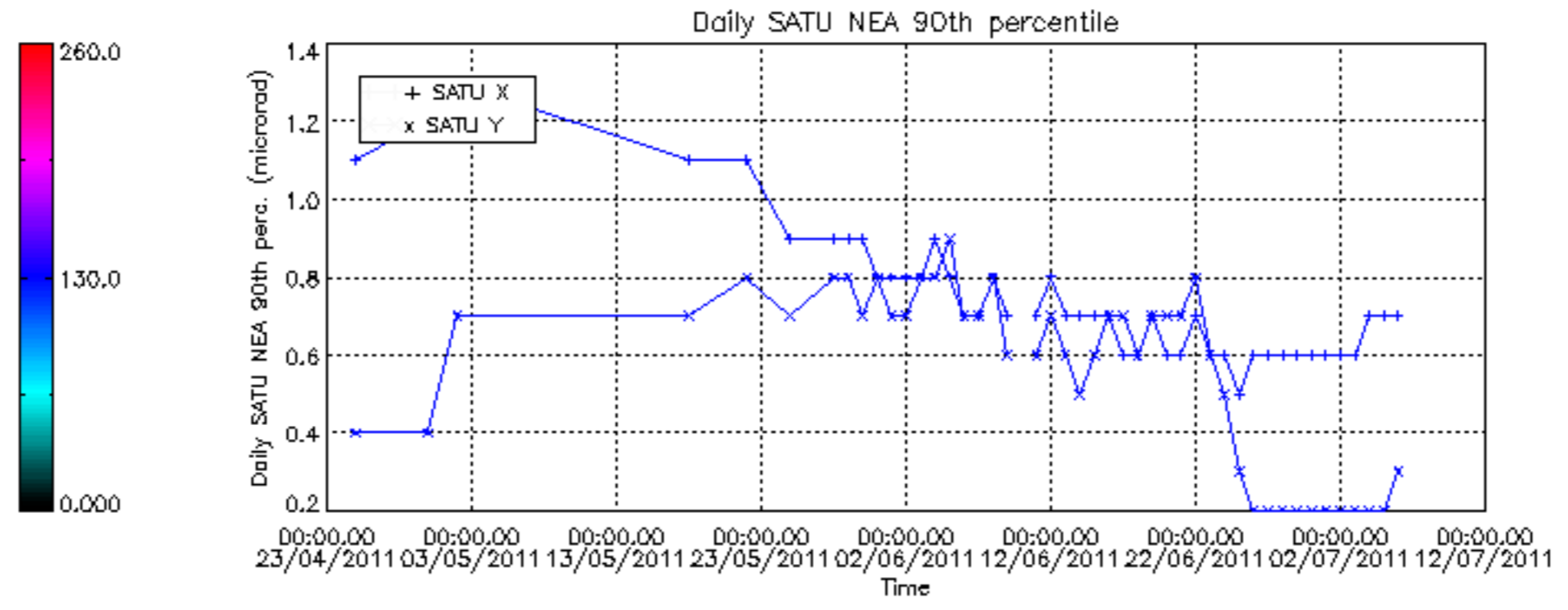
Tangent altitude at which the star is lost











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13; 4146.4; 02-JUL-2011 19:58:02; Bright; 32.5; 175; 39Del Per ; 3.01; 19400;occ; 65; 0;48835
14; 4241.3; 02-JUL-2011 19:59:37; Bright; 65.0; 73; 57Gam1And ; 2.26; 13100;occ; 130; 0;48835
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