

GOMOS Daily Report 13-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	16JUL2011 07:05:01
Data source version	GOMOS/6.01
Start time of products	13JUL2011 00:07:08
Stop time of products	13JUL2011 23:33:42
Store outputs in DB	Yes
Nb of level 1b prods	290
Nb of prods with errors	289

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

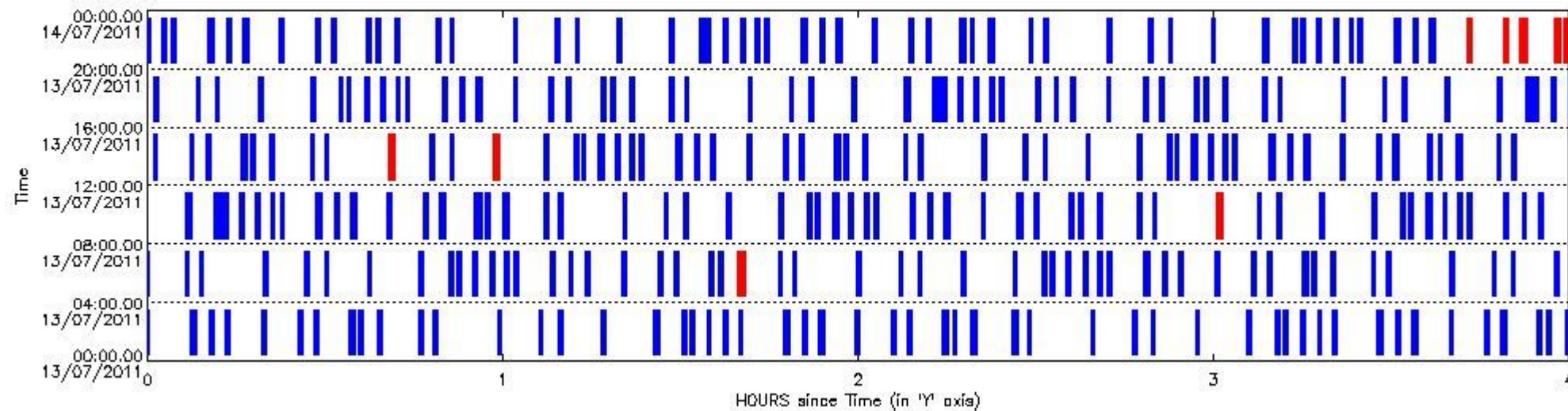
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
13-JUL-2011 05:39:38	GamGru	172	48985
13-JUL-2011 11:00:30	17ZetAql	168	48988
13-JUL-2011 12:40:44	17ZetAql	168	48989
13-JUL-2011 12:58:18	5AlpCep	89	48989
13-JUL-2011 23:42:44	The1Eri	157	48995
13-JUL-2011 23:48:52	AlpEri	9	48996
13-JUL-2011 23:51:39	AlpPhe	84	48996
13-JUL-2011 23:57:32	BetGru	63	48996
13-JUL-2011 23:59:09	AlpGru	31	48996

2.4 Summary of processed GOM_TRA_1P products

!Warning: No products without errors in DARK limb conditions found

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110713_000708_000000583104_00260_48981_2729.N1	13-JUL-2011 00:07:08	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48981	Yes

2	GOM_TRA_1PNPDE20110713_001020_000000473104_00260_48981_2730.N1	13-JUL-2011 00:10:20	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	48981	Yes
3	GOM_TRA_1PNPDE20110713_001912_000000413104_00260_48981_2730.N1	13-JUL-2011 00:19:12	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48981	Yes
4	GOM_TRA_1PNPDE20110713_002521_000000553104_00261_48982_2731.N1	13-JUL-2011 00:25:21	Dark	54.500	9	Alp Eri	0.45300	24000.	109	48982	Yes
5	GOM_TRA_1PNPDE20110713_002801_000000523104_00261_48982_2732.N1	13-JUL-2011 00:28:01	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	48982	Yes
6	GOM_TRA_1PNPDE20110713_003357_000000633104_00261_48982_2733.N1	13-JUL-2011 00:33:57	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	48982	Yes
7	GOM_TRA_1PNPDE20110713_003536_000000473104_00261_48982_2734.N1	13-JUL-2011 00:35:36	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	48982	Yes
8	GOM_TRA_1PNPDE20110713_003847_000000523104_00261_48982_2735.N1	13-JUL-2011 00:38:47	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48982	Yes
9	GOM_TRA_1PNPDE20110713_004542_000000413104_00261_48982_2736.N1	13-JUL-2011 00:45:42	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	48982	Yes
10	GOM_TRA_1PNPDE20110713_004813_000000403104_00261_48982_2737.N1	13-JUL-2011 00:48:13	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48982	Yes
11	GOM_TRA_1PNPDE20110713_005901_000000413104_00261_48982_2738.N1	13-JUL-2011 00:59:01	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	48982	Yes
12	GOM_TRA_1PNPDE20110713_010603_000000373104_00261_48982_2739.N1	13-JUL-2011 01:06:03	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	48982	Yes
13	GOM_TRA_1PNPDE20110713_010919_000000393104_00261_48982_2740.N1	13-JUL-2011 01:09:19	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48982	Yes
14	GOM_TRA_1PNPDE20110713_011638_000000443104_00261_48982_2741.N1	13-JUL-2011 01:16:38	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48982	Yes
15	GOM_TRA_1PNPDE20110713_012523_000000693104_00261_48982_2742.N1	13-JUL-2011 01:25:23	Bright	69.000	76	27Gam Cas	2.3000	30000.	138	48982	Yes
16	GOM_TRA_1PNPDE20110713_013013_000000483104_00261_48982_2743.N1	13-JUL-2011 01:30:13	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	48982	Yes
17	GOM_TRA_1PNPDE20110713_013132_000000403104_00261_48982_2744.N1	13-JUL-2011 01:31:32	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	48982	Yes
18	GOM_TRA_1PNPDE20110713_013425_000000413104_00261_48982_2745.N1	13-JUL-2011 01:34:25	Bright	41.000	79	26Bet Per	2.3100	13100.	82	48982	Yes
19	GOM_TRA_1PNPDE20110713_013713_000000443104_00261_48982_2746.N1	13-JUL-2011 01:37:13	Bright	44.000	150	44Zet Per	2.8900	28000.	88	48982	Yes
20	GOM_TRA_1PNPDE20110713_013944_000000453104_00261_48982_2747.N1	13-JUL-2011 01:39:44	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48982	Yes
21	GOM_TRA_1PNPDE20110713_014723_000000573104_00261_48982_2748.N1	13-JUL-2011 01:47:23	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	48982	Yes
22	GOM_TRA_1PNPDE20110713_015034_000000443104_00261_48982_2751.N1	13-JUL-2011 01:50:34	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	48982	Yes
23	GOM_TRA_1PNPDE20110713_015927_000000403104_00261_48982_2752.N1	13-JUL-2011 01:59:27	Dark	40.000	157	The1Eri	2.9060	9300.0	80	48982	Yes
24	GOM_TRA_1PNPDE20110713_020536_000000453104_00262_48983_2753.N1	13-JUL-2011 02:05:36	Dark	45.000	9	Alp Eri	0.45300	24000.	90	48983	Yes
25	GOM_TRA_1PNPDE20110713_020816_000000523104_00262_48983_2754.N1	13-JUL-2011 02:08:16	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	48983	Yes
26	GOM_TRA_1PNPDE20110713_021412_000000623104_00262_48983_2755.N1	13-JUL-2011 02:14:12	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	48983	Yes
27	GOM_TRA_1PNPDE20110713_021551_000000473104_00262_48983_2756.N1	13-JUL-2011 02:15:51	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	48983	Yes
28	GOM_TRA_1PNPDE20110713_021902_000000543104_00262_48983_2757.N1	13-JUL-2011 02:19:02	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	48983	Yes
29	GOM_TRA_1PNPDE20110713_022557_000000553104_00262_48983_2758.N1	13-JUL-2011 02:25:57	Bright	55.000	103	38Zet Sgr	2.6000	9700.0	110	48983	Yes
30	GOM_TRA_1PNPDE20110713_022827_000000423104_00262_48983_2759.N1	13-JUL-2011 02:28:27	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	48983	Yes
31	GOM_TRA_1PNPDE20110713_023915_000000413104_00262_48983_2760.N1	13-JUL-2011 02:39:15	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48983	Yes
32	GOM_TRA_1PNPDE20110713_024617_000000423104_00262_48983_2761.N1	13-JUL-2011 02:46:17	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	48983	Yes
33	GOM_TRA_1PNPDE20110713_024933_000000353104_00262_48983_2762.N1	13-JUL-2011 02:49:33	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	48983	Yes
34	GOM_TRA_1PNPDE20110713_025651_000000403104_00262_48983_2763.N1	13-JUL-2011 02:56:51	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	48983	Yes
35	GOM_TRA_1PNPDE20110713_030536_000000463104_00262_48983_2780.N1	13-JUL-2011 03:05:36	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	48983	Yes
36	GOM_TRA_1PNPDE20110713_031027_000000463104_00262_48983_2781.N1	13-JUL-2011 03:10:27	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	48983	Yes
37	GOM_TRA_1PNPDE20110713_031146_000000403104_00262_48983_2782.N1	13-JUL-2011 03:11:46	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	48983	Yes
38	GOM_TRA_1PNPDE20110713_031439_000000463104_00262_48983_2783.N1	13-JUL-2011 03:14:39	Bright	45.500	79	26Bet Per	2.3100	13100.	91	48983	Yes
39	GOM_TRA_1PNPDE20110713_031727_000000463104_00262_48983_2784.N1	13-JUL-2011 03:17:27	Tw_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	48983	Yes
40	GOM_TRA_1PNPDE20110713_031958_000000453104_00262_48983_2785.N1	13-JUL-2011 03:19:58	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	48983	Yes
41	GOM_TRA_1PNPDE20110713_032738_000000523104_00262_48983_2786.N1	13-JUL-2011 03:27:38	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	48983	Yes
42	GOM_TRA_1PNPDE20110713_033049_000000413104_00262_48983_2787.N1	13-JUL-2011 03:30:49	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	48983	Yes
43	GOM_TRA_1PNPDE20110713_033942_000000403104_00262_48983_2788.N1	13-JUL-2011 03:39:42	Dark	40.000	157	The1Eri	2.9060	9300.0	80	48983	Yes
44	GOM_TRA_1PNPDE20110713_034551_000000423104_00263_48984_2789.N1	13-JUL-2011 03:45:51	Dark	41.500	9	Alp Eri	0.45300	24000.	83	48984	Yes
45	GOM_TRA_1PNPDE20110713_034831_000000503104_00263_48984_2790.N1	13-JUL-2011 03:48:31	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	48984	Yes
46	GOM_TRA_1PNPDE20110713_035427_000000543104_00263_48984_2791.N1	13-JUL-2011 03:54:27	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	48984	Yes
47	GOM_TRA_1PNPDE20110713_035606_000000483104_00263_48984_2792.N1	13-JUL-2011 03:56:06	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48984	Yes
48	GOM_TRA_1PNPDE20110713_035916_000000523104_00263_48984_2793.N1	13-JUL-2011 03:59:16	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48984	Yes
49	GOM_TRA_1PNPDE20110713_040611_000000453104_00263_48984_2794.N1	13-JUL-2011 04:06:11	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	48984	Yes
50	GOM_TRA_1PNPDE20110713_040841_000000403104_00263_48984_2795.N1	13-JUL-2011 04:08:41	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48984	Yes
51	GOM_TRA_1PNPDE20110713_041929_000000413104_00263_48984_2796.N1	13-JUL-2011 04:19:29	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48984	Yes
52	GOM_TRA_1PNPDE20110713_042631_000000393104_00263_48984_2797.N1	13-JUL-2011 04:26:31	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	48984	Yes
53	GOM_TRA_1PNPDE20110713_042947_000000383104_00263_48984_2798.N1	13-JUL-2011 04:29:47	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48984	Yes
54	GOM_TRA_1PNPDE20110713_043704_000000433104_00263_48984_2799.N1	13-JUL-2011 04:37:04	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	48984	Yes
55	GOM_TRA_1PNPDE20110713_044550_000000483104_00263_48984_2801.N1	13-JUL-2011 04:45:50	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	48984	Yes
56	GOM_TRA_1PNPDE20110713_045041_000000613104_00263_48984_2802.N1	13-JUL-2011 04:50:41	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48984	Yes
57	GOM_TRA_1PNPDE20110713_045200_000000593104_00263_48984_2803.N1	13-JUL-2011 04:52:00	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	48984	Yes
58	GOM_TRA_1PNPDE20110713_045453_000000453104_00263_48984_2804.N1	13-JUL-2011 04:54:53	Bright	45.000	79	26Bet Per	2.3100	13100.	90	48984	Yes
59	GOM_TRA_1PNPDE20110713_045742_000000453104_00263_48984_2805.N1	13-JUL-2011 04:57:42	Tw_and_stray	44.500	150	44Zet Per	2.8900	28000.	89	48984	Yes
60	GOM_TRA_1PNPDE20110713_050012_000000463104_00263_48984_2806.N1	13-JUL-2011 05:00:12	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	48984	Yes

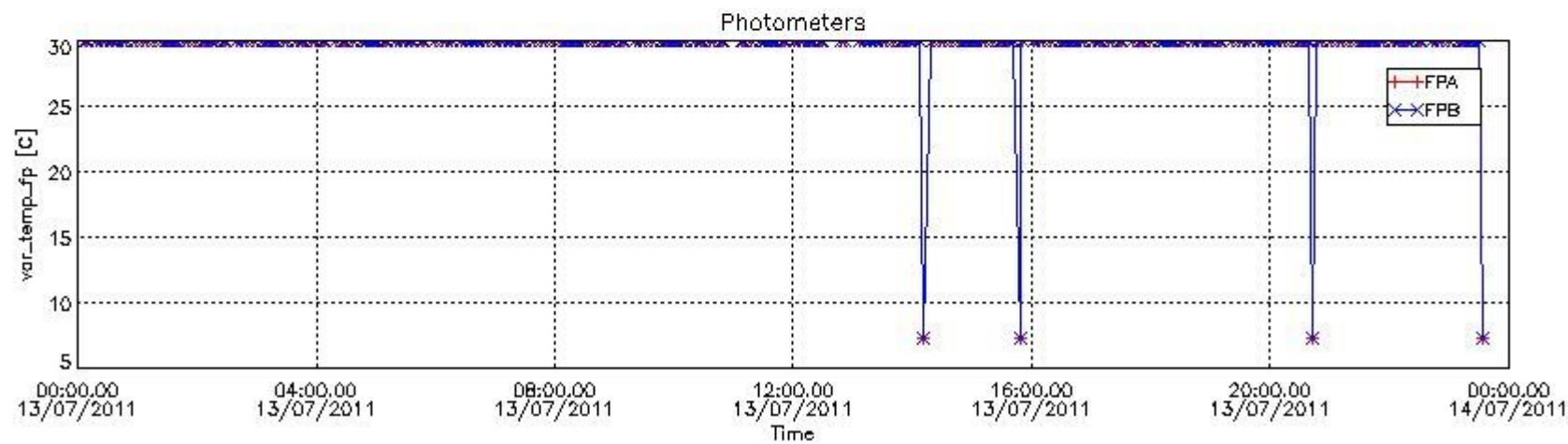
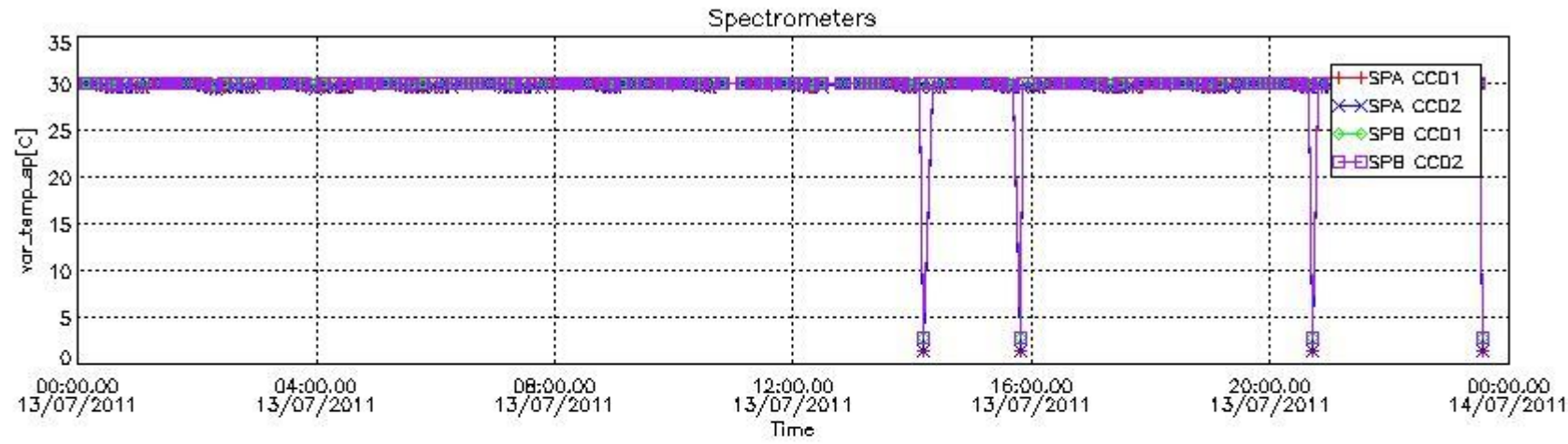
61	GOM_TRA_1PNPDE20110713_050147_000000453104_00263_48984_2807.N1	13-JUL-2011 05:01:47	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	48984	Yes
62	GOM_TRA_1PNPDE20110713_050752_000000573104_00263_48984_2808.N1	13-JUL-2011 05:07:52	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	48984	Yes
63	GOM_TRA_1PNPDE20110713_051103_000000443104_00263_48984_2809.N1	13-JUL-2011 05:11:03	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	48984	Yes
64	GOM_TRA_1PNPDE20110713_051956_000000443104_00263_48984_2810.N1	13-JUL-2011 05:19:56	Dark	44.000	157	The1Eri	2.9060	9300.0	88	48984	Yes
65	GOM_TRA_1PNPDE20110713_052605_000000543104_00264_48985_2811.N1	13-JUL-2011 05:26:05	Dark	53.500	9	Alp Eri	0.45300	24000.	107	48985	Yes
66	GOM_TRA_1PNPDE20110713_052846_000000513104_00264_48985_2812.N1	13-JUL-2011 05:28:46	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	48985	Yes
67	GOM_TRA_1PNPDE20110713_053442_000000533104_00264_48985_2813.N1	13-JUL-2011 05:34:42	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	48985	Yes
68	GOM_TRA_1PNPDE20110713_053621_000000493104_00264_48985_2814.N1	13-JUL-2011 05:36:21	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48985	Yes
69	GOM_TRA_1PNPDE20110713_054625_000000443104_00264_48985_2815.N1	13-JUL-2011 05:46:25	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	48985	Yes
70	GOM_TRA_1PNPDE20110713_054855_000000403104_00264_48985_2816.N1	13-JUL-2011 05:48:55	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48985	Yes
71	GOM_TRA_1PNPDE20110713_055943_000000403104_00264_48985_2817.N1	13-JUL-2011 05:59:43	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	48985	Yes
72	GOM_TRA_1PNPDE20110713_060645_000000413104_00264_48985_2818.N1	13-JUL-2011 06:06:45	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	48985	Yes
73	GOM_TRA_1PNPDE20110713_061001_000000383104_00264_48985_2819.N1	13-JUL-2011 06:10:01	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48985	Yes
74	GOM_TRA_1PNPDE20110713_061718_000000443104_00264_48985_2820.N1	13-JUL-2011 06:17:18	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48985	Yes
75	GOM_TRA_1PNPDK20110713_062603_000000453104_00264_48985_5607.N1	13-JUL-2011 06:26:03	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	48985	Yes
76	GOM_TRA_1PNPDK20110713_063055_000000543104_00264_48985_5608.N1	13-JUL-2011 06:30:55	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	48985	Yes
77	GOM_TRA_1PNPDK20110713_063214_000000493104_00264_48985_5609.N1	13-JUL-2011 06:32:14	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	48985	Yes
78	GOM_TRA_1PNPDK20110713_063507_000000443104_00264_48985_5610.N1	13-JUL-2011 06:35:07	Bright	44.000	79	26Bet Per	2.3100	13100.	88	48985	Yes
79	GOM_TRA_1PNPDK20110713_063756_000000463104_00264_48985_5611.N1	13-JUL-2011 06:37:56	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	48985	Yes
80	GOM_TRA_1PNPDK20110713_064027_000000413104_00264_48985_5612.N1	13-JUL-2011 06:40:27	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	48985	Yes
81	GOM_TRA_1PNPDK20110713_064202_000000403104_00264_48985_5613.N1	13-JUL-2011 06:42:02	Twilight	40.000	13	87Alp Tau	0.86700	3800.0	80	48985	Yes
82	GOM_TRA_1PNPDK20110713_064807_000000583104_00264_48985_5614.N1	13-JUL-2011 06:48:07	Dark	58.000	94	92Alp Cet	2.5260	3100.0	116	48985	Yes
83	GOM_TRA_1PNPDK20110713_065118_000000453104_00264_48985_5615.N1	13-JUL-2011 06:51:18	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	48985	Yes
84	GOM_TRA_1PNPDK20110713_070011_000000413104_00264_48985_5616.N1	13-JUL-2011 07:00:11	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48985	Yes
85	GOM_TRA_1PNPDK20110713_070620_000000423104_00265_48986_5617.N1	13-JUL-2011 07:06:20	Dark	41.500	9	Alp Eri	0.45300	24000.	83	48986	Yes
86	GOM_TRA_1PNPDK20110713_070902_000000533104_00265_48986_5618.N1	13-JUL-2011 07:09:02	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48986	Yes
87	GOM_TRA_1PNPDK20110713_071457_000000643104_00265_48986_5619.N1	13-JUL-2011 07:14:57	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	48986	Yes
88	GOM_TRA_1PNPDK20110713_071635_000000473104_00265_48986_5620.N1	13-JUL-2011 07:16:35	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	48986	Yes
89	GOM_TRA_1PNPDK20110713_071946_000000523104_00265_48986_5621.N1	13-JUL-2011 07:19:46	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	48986	Yes
90	GOM_TRA_1PNPDK20110713_072639_000000413104_00265_48986_5622.N1	13-JUL-2011 07:26:39	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	48986	Yes
91	GOM_TRA_1PNPDK20110713_072910_000000393104_00265_48986_5623.N1	13-JUL-2011 07:29:10	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	48986	Yes
92	GOM_TRA_1PNPDK20110713_073956_000000413104_00265_48986_5643.N1	13-JUL-2011 07:39:56	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48986	Yes
93	GOM_TRA_1PNPDK20110713_074659_000000413104_00265_48986_5644.N1	13-JUL-2011 07:46:59	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	48986	Yes
94	GOM_TRA_1PNPDK20110713_075015_000000383104_00265_48986_5645.N1	13-JUL-2011 07:50:15	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48986	Yes
95	GOM_TRA_1PNPDK20110713_075731_000000443104_00265_48986_5646.N1	13-JUL-2011 07:57:31	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48986	Yes
96	GOM_TRA_1PNPDK20110713_080617_000000683104_00265_48986_5647.N1	13-JUL-2011 08:06:17	Bright	67.500	76	27Gam Cas	2.3000	30000.	135	48986	Yes
97	GOM_TRA_1PNPDK20110713_081108_000000613104_00265_48986_5648.N1	13-JUL-2011 08:11:08	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48986	Yes
98	GOM_TRA_1PNPDK20110713_081228_000000593104_00265_48986_5649.N1	13-JUL-2011 08:12:28	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	48986	Yes
99	GOM_TRA_1PNPDK20110713_081521_000000463104_00265_48986_5650.N1	13-JUL-2011 08:15:21	Bright	46.000	79	26Bet Per	2.3100	13100.	92	48986	Yes
100	GOM_TRA_1PNPDK20110713_081810_000000423104_00265_48986_5651.N1	13-JUL-2011 08:18:10	Twilight	41.500	150	44Zet Per	2.8900	28000.	83	48986	Yes
101	GOM_TRA_1PNPDK20110713_082041_000000403104_00265_48986_5652.N1	13-JUL-2011 08:20:41	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	48986	Yes
102	GOM_TRA_1PNPDK20110713_082216_000000463104_00265_48986_5653.N1	13-JUL-2011 08:22:16	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	48986	Yes
103	GOM_TRA_1PNPDK20110713_082822_000000583104_00265_48986_5654.N1	13-JUL-2011 08:28:22	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48986	Yes
104	GOM_TRA_1PNPDK20110713_083132_000000453104_00265_48986_5655.N1	13-JUL-2011 08:31:32	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	48986	Yes
105	GOM_TRA_1PNPDK20110713_084026_000000433104_00265_48986_5656.N1	13-JUL-2011 08:40:26	Dark	43.000	157	The1Eri	2.9060	9300.0	86	48986	Yes
106	GOM_TRA_1PNPDK20110713_084634_000000513104_00266_48987_5657.N1	13-JUL-2011 08:46:34	Dark	51.000	9	Alp Eri	0.45300	24000.	102	48987	Yes
107	GOM_TRA_1PNPDK20110713_084917_000000543104_00266_48987_5658.N1	13-JUL-2011 08:49:17	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	48987	Yes
108	GOM_TRA_1PNPDK20110713_085512_000000673104_00266_48987_5659.N1	13-JUL-2011 08:55:12	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	48987	Yes
109	GOM_TRA_1PNPDK20110713_085650_000000493104_00266_48987_5660.N1	13-JUL-2011 08:56:50	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48987	Yes
110	GOM_TRA_1PNPDK20110713_090001_000000523104_00266_48987_5661.N1	13-JUL-2011 09:00:01	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48987	Yes
111	GOM_TRA_1PNPDK20110713_090654_000000423104_00266_48987_5662.N1	13-JUL-2011 09:06:54	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	48987	Yes
112	GOM_TRA_1PNPDK20110713_090924_000000393104_00266_48987_5663.N1	13-JUL-2011 09:09:24	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	48987	Yes
113	GOM_TRA_1PNPDK20110713_092010_000000403104_00266_48987_5683.N1	13-JUL-2011 09:20:10	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	48987	Yes
114	GOM_TRA_1PNPDK20110713_092712_000000363104_00266_48987_5684.N1	13-JUL-2011 09:27:12	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	48987	Yes
115	GOM_TRA_1PNPDK20110713_093029_000000383104_00266_48987_5685.N1	13-JUL-2011 09:30:29	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	48987	Yes
116	GOM_TRA_1PNPDK20110713_093745_000000443104_00266_48987_5686.N1	13-JUL-2011 09:37:45	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	48987	Yes
117	GOM_TRA_1PNPDK20110713_094630_000000473104_00266_48987_5687.N1	13-JUL-2011 09:46:30	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	48987	Yes
118	GOM_TRA_1PNPDK20110713_095122_000000423104_00266_48987_5688.N1	13-JUL-2011 09:51:22	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	48987	Yes
119	GOM_TRA_1PNPDK20110713_095241_000000423104_00266_48987_5689.N1	13-JUL-2011 09:52:41	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	48987	Yes

120	GOM_TRA_1PNPDK20110713_095535_000000593104_00266_48987_5690.N1	13-JUL-2011 09:55:35	Bright	59.000	79	26Bet Per	2.3100	13100.	118	48987	Yes
121	GOM_TRA_1PNPDK20110713_095824_000000433104_00266_48987_5691.N1	13-JUL-2011 09:58:24	Twilight	42.500	150	44Zet Per	2.8900	28000.	85	48987	Yes
122	GOM_TRA_1PNPDK20110713_100055_000000443104_00266_48987_5692.N1	13-JUL-2011 10:00:55	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	48987	Yes
123	GOM_TRA_1PNPDK20110713_100230_000000513104_00266_48987_5693.N1	13-JUL-2011 10:02:30	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	48987	Yes
124	GOM_TRA_1PNPDK20110713_100836_000000573104_00266_48987_5694.N1	13-JUL-2011 10:08:36	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	48987	Yes
125	GOM_TRA_1PNPDK20110713_101147_000000453104_00266_48987_5695.N1	13-JUL-2011 10:11:47	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	48987	Yes
126	GOM_TRA_1PNPDK20110713_102040_000000413104_00266_48987_5696.N1	13-JUL-2011 10:20:40	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48987	Yes
127	GOM_TRA_1PNPDK20110713_102649_000000553104_00267_48988_5697.N1	13-JUL-2011 10:26:49	Dark	55.000	9	Alp Eri	0.45300	24000.	110	48988	Yes
128	GOM_TRA_1PNPDK20110713_102932_000000553104_00267_48988_5698.N1	13-JUL-2011 10:29:32	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	48988	Yes
129	GOM_TRA_1PNPDK20110713_103526_000000563104_00267_48988_5699.N1	13-JUL-2011 10:35:26	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	48988	Yes
130	GOM_TRA_1PNPDK20110713_103705_000000523104_00267_48988_5700.N1	13-JUL-2011 10:37:05	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	48988	Yes
131	GOM_TRA_1PNPDK20110713_104015_000000553104_00267_48988_5701.N1	13-JUL-2011 10:40:15	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	48988	Yes
132	GOM_TRA_1PNPDK20110713_104708_000000423104_00267_48988_5702.N1	13-JUL-2011 10:47:08	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	48988	Yes
133	GOM_TRA_1PNPDK20110713_104938_000000403104_00267_48988_5703.N1	13-JUL-2011 10:49:38	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	48988	Yes
134	GOM_TRA_1PNPDK20110713_110726_000000373104_00267_48988_5726.N1	13-JUL-2011 11:07:26	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	48988	Yes
135	GOM_TRA_1PNPDK20110713_111043_000000393104_00267_48988_5727.N1	13-JUL-2011 11:10:43	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48988	Yes
136	GOM_TRA_1PNPDK20110713_111758_000000423104_00267_48988_5728.N1	13-JUL-2011 11:17:58	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	48988	Yes
137	GOM_TRA_1PNPDK20110713_112644_000000463104_00267_48988_5729.N1	13-JUL-2011 11:26:44	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	48988	Yes
138	GOM_TRA_1PNPDK20110713_113136_000000413104_00267_48988_5730.N1	13-JUL-2011 11:31:36	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	48988	Yes
139	GOM_TRA_1PNPDK20110713_113255_000000413104_00267_48988_5731.N1	13-JUL-2011 11:32:55	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	48988	Yes
140	GOM_TRA_1PNPDK20110713_113549_000000643104_00267_48988_5732.N1	13-JUL-2011 11:35:49	Bright	64.000	79	26Bet Per	2.3100	13100.	128	48988	Yes
141	GOM_TRA_1PNPDK20110713_113838_000000453104_00267_48988_5733.N1	13-JUL-2011 11:38:38	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	48988	Yes
142	GOM_TRA_1PNPDK20110713_114109_000000463104_00267_48988_5734.N1	13-JUL-2011 11:41:09	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	48988	Yes
143	GOM_TRA_1PNPDK20110713_114244_000000443104_00267_48988_5735.N1	13-JUL-2011 11:42:44	Twilight	44.000	13	87Alp Tau	0.86700	3800.0	88	48988	Yes
144	GOM_TRA_1PNPDK20110713_114851_000000613104_00267_48988_5736.N1	13-JUL-2011 11:48:51	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	48988	Yes
145	GOM_TRA_1PNPDK20110713_115201_000000483104_00267_48988_5737.N1	13-JUL-2011 11:52:01	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	48988	Yes
146	GOM_TRA_1PNPDK20110713_120055_000000413104_00267_48988_5738.N1	13-JUL-2011 12:00:55	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48988	Yes
147	GOM_TRA_1PNPDK20110713_120703_000000443104_00268_48989_5739.N1	13-JUL-2011 12:07:03	Dark	44.000	9	Alp Eri	0.45300	24000.	88	48989	Yes
148	GOM_TRA_1PNPDK20110713_120947_000000583104_00268_48989_5740.N1	13-JUL-2011 12:09:47	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	48989	Yes
149	GOM_TRA_1PNPDK20110713_121541_000000623104_00268_48989_5741.N1	13-JUL-2011 12:15:41	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	48989	Yes
150	GOM_TRA_1PNPDK20110713_121719_000000483104_00268_48989_5742.N1	13-JUL-2011 12:17:19	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	48989	Yes
151	GOM_TRA_1PNPDK20110713_122030_000000533104_00268_48989_5743.N1	13-JUL-2011 12:20:30	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	48989	Yes
152	GOM_TRA_1PNPDK20110713_122722_000000433104_00268_48989_5744.N1	13-JUL-2011 12:27:22	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	48989	Yes
153	GOM_TRA_1PNPDK20110713_122952_000000403104_00268_48989_5745.N1	13-JUL-2011 12:29:52	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	48989	Yes
154	GOM_TRA_1PNPDK20110713_124740_000000363104_00268_48989_5758.N1	13-JUL-2011 12:47:40	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	48989	Yes
155	GOM_TRA_1PNPDK20110713_125057_000000393104_00268_48989_5759.N1	13-JUL-2011 12:50:57	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	48989	Yes
156	GOM_TRA_1PNPDK20110713_130657_000000473104_00268_48989_5760.N1	13-JUL-2011 13:06:57	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	48989	Yes
157	GOM_TRA_1PNPDK20110713_131150_000000493104_00268_48989_5761.N1	13-JUL-2011 13:11:50	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	48989	Yes
158	GOM_TRA_1PNPDK20110713_131309_000000423104_00268_48989_5762.N1	13-JUL-2011 13:13:09	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	48989	Yes
159	GOM_TRA_1PNPDK20110713_131603_000000643104_00268_48989_5763.N1	13-JUL-2011 13:16:03	Bright	64.000	79	26Bet Per	2.3100	13100.	128	48989	Yes
160	GOM_TRA_1PNPDK20110713_131852_000000473104_00268_48989_5764.N1	13-JUL-2011 13:18:52	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	48989	Yes
161	GOM_TRA_1PNPDK20110713_132123_000000443104_00268_48989_5765.N1	13-JUL-2011 13:21:23	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	48989	Yes
162	GOM_TRA_1PNPDK20110713_132258_000000513104_00268_48989_5766.N1	13-JUL-2011 13:22:58	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	48989	Yes
163	GOM_TRA_1PNPDK20110713_132906_000000593104_00268_48989_5767.N1	13-JUL-2011 13:29:06	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	48989	Yes
164	GOM_TRA_1PNPDK20110713_133215_000000463104_00268_48989_5768.N1	13-JUL-2011 13:32:15	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	48989	Yes
165	GOM_TRA_1PNPDK20110713_134109_000000413104_00268_48989_5769.N1	13-JUL-2011 13:41:09	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48989	Yes
166	GOM_TRA_1PNPDK20110713_134718_000000513104_00269_48990_5770.N1	13-JUL-2011 13:47:18	Dark	50.500	9	Alp Eri	0.45300	24000.	101	48990	Yes
167	GOM_TRA_1PNPDK20110713_135002_000000533104_00269_48990_5771.N1	13-JUL-2011 13:50:02	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48990	Yes
168	GOM_TRA_1PNPDK20110713_135556_000000573104_00269_48990_5772.N1	13-JUL-2011 13:55:56	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	48990	Yes
169	GOM_TRA_1PNPDK20110713_135734_000000493104_00269_48990_5773.N1	13-JUL-2011 13:57:34	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	48990	Yes
170	GOM_TRA_1PNPDK20110713_140045_000000533104_00269_48990_5774.N1	13-JUL-2011 14:00:45	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	48990	Yes
171	GOM_TRA_1PNPDK20110713_140736_000000443104_00269_48990_5775.N1	13-JUL-2011 14:07:36	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	48990	Yes
172	GOM_TRA_1PNPDK20110713_141006_000000413104_00269_48990_5795.N1	13-JUL-2011 14:10:06	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	48990	Yes
173	GOM_TRA_1PNPDK20110713_142051_000000393104_00269_48990_5796.N1	13-JUL-2011 14:20:51	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	48990	Yes
174	GOM_TRA_1PNPDK20110713_142753_000000413104_00269_48990_5797.N1	13-JUL-2011 14:27:53	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	48990	Yes
175	GOM_TRA_1PNPDK20110713_143111_000000393104_00269_48990_5798.N1	13-JUL-2011 14:31:11	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48990	Yes
176	GOM_TRA_1PNPDK20110713_143825_000000413104_00269_48990_5799.N1	13-JUL-2011 14:38:25	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	48990	Yes
177	GOM_TRA_1PNPDK20110713_144710_000000483104_00269_48990_5800.N1	13-JUL-2011 14:47:10	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	48990	Yes
178	GOM_TRA_1PNPDK20110713_145204_000000613104_00269_48990_5801.N1	13-JUL-2011 14:52:04	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48990	Yes

179	GOM_TRA_1PNPDK20110713_145323_000000413104_00269_48990_5802.N1	13-JUL-2011 14:53:23	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	48990	Yes
180	GOM_TRA_1PNPDK20110713_145617_000000583104_00269_48990_5803.N1	13-JUL-2011 14:56:17	Bright	58.000	79	26Bet Per	2.3100	13100.	116	48990	Yes
181	GOM_TRA_1PNPDK20110713_145906_000000433104_00269_48990_5804.N1	13-JUL-2011 14:59:06	Twilight	42.500	150	44Zet Per	2.8900	28000.	85	48990	Yes
182	GOM_TRA_1PNPDK20110713_150138_000000453104_00269_48990_5805.N1	13-JUL-2011 15:01:38	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48990	Yes
183	GOM_TRA_1PNPDK20110713_150313_000000453104_00269_48990_5806.N1	13-JUL-2011 15:03:13	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48990	Yes
184	GOM_TRA_1PNPDK20110713_150920_000000583104_00269_48990_5807.N1	13-JUL-2011 15:09:20	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48990	Yes
185	GOM_TRA_1PNPDK20110713_151230_000000463104_00269_48990_5808.N1	13-JUL-2011 15:12:30	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	48990	Yes
186	GOM_TRA_1PNPDK20110713_152124_000000443104_00269_48990_5809.N1	13-JUL-2011 15:21:24	Dark	43.500	157	The1Eri	2.9060	9300.0	87	48990	Yes
187	GOM_TRA_1PNPDK20110713_152733_000000433104_00270_48991_5810.N1	13-JUL-2011 15:27:33	Dark	42.500	9	Alp Eri	0.45300	24000.	85	48991	Yes
188	GOM_TRA_1PNPDK20110713_153017_000000533104_00270_48991_5811.N1	13-JUL-2011 15:30:17	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48991	Yes
189	GOM_TRA_1PNPDK20110713_153611_000000503104_00270_48991_5812.N1	13-JUL-2011 15:36:11	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	48991	Yes
190	GOM_TRA_1PNPDK20110713_153749_000000483104_00270_48991_5813.N1	13-JUL-2011 15:37:49	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	48991	Yes
191	GOM_TRA_1PNPDK20110713_154100_000000533104_00270_48991_5814.N1	13-JUL-2011 15:41:00	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	48991	Yes
192	GOM_TRA_1PNPDK20110713_154750_000000403104_00270_48991_5819.N1	13-JUL-2011 15:47:50	Bright	40.000	103	38Zet Sgr	2.6000	9700.0	80	48991	No
193	GOM_TRA_1PNPDK20110713_155020_000000403104_00270_48991_5820.N1	13-JUL-2011 15:50:20	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48991	Yes
194	GOM_TRA_1PNPDK20110713_160105_000000403104_00270_48991_5821.N1	13-JUL-2011 16:01:05	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	48991	Yes
195	GOM_TRA_1PNPDK20110713_160807_000000413104_00270_48991_5822.N1	13-JUL-2011 16:08:07	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	48991	Yes
196	GOM_TRA_1PNPDK20110713_161125_000000353104_00270_48991_5823.N1	13-JUL-2011 16:11:25	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	48991	Yes
197	GOM_TRA_1PNPDK20110713_161838_000000423104_00270_48991_5824.N1	13-JUL-2011 16:18:38	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	48991	Yes
198	GOM_TRA_1PNPDK20110713_162724_000000483104_00270_48991_5825.N1	13-JUL-2011 16:27:24	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	48991	Yes
199	GOM_TRA_1PNPDK20110713_163217_000000403104_00270_48991_5826.N1	13-JUL-2011 16:32:17	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	48991	Yes
200	GOM_TRA_1PNPDK20110713_163337_000000393104_00270_48991_5827.N1	13-JUL-2011 16:33:37	Bright	39.000	35	33Alp Per	1.7950	6250.0	78	48991	Yes
201	GOM_TRA_1PNPDK20110713_163631_000000483104_00270_48991_5828.N1	13-JUL-2011 16:36:31	Bright	47.500	79	26Bet Per	2.3100	13100.	95	48991	Yes
202	GOM_TRA_1PNPDK20110713_163920_000000433104_00270_48991_5829.N1	13-JUL-2011 16:39:20	Twilight	43.000	150	44Zet Per	2.8900	28000.	86	48991	Yes
203	GOM_TRA_1PNPDK20110713_164152_000000453104_00270_48991_5830.N1	13-JUL-2011 16:41:52	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	48991	Yes
204	GOM_TRA_1PNPDK20110713_164327_000000453104_00270_48991_5831.N1	13-JUL-2011 16:43:27	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48991	Yes
205	GOM_TRA_1PNPDK20110713_164935_000000573104_00270_48991_5832.N1	13-JUL-2011 16:49:35	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	48991	Yes
206	GOM_TRA_1PNPDK20110713_165244_000000483104_00270_48991_5833.N1	13-JUL-2011 16:52:44	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	48991	Yes
207	GOM_TRA_1PNPDK20110713_170139_000000413104_00270_48991_5834.N1	13-JUL-2011 17:01:39	Dark	40.500	157	The1Eri	2.9060	9300.0	81	48991	Yes
208	GOM_TRA_1PNPDK20110713_170747_000000443104_00271_48992_5835.N1	13-JUL-2011 17:07:47	Dark	44.000	9	Alp Eri	0.45300	24000.	88	48992	Yes
209	GOM_TRA_1PNPDK20110713_171032_000000513104_00271_48992_5836.N1	13-JUL-2011 17:10:32	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	48992	Yes
210	GOM_TRA_1PNPDK20110713_171626_000000513104_00271_48992_5837.N1	13-JUL-2011 17:16:26	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	48992	Yes
211	GOM_TRA_1PNPDK20110713_171804_000000473104_00271_48992_5838.N1	13-JUL-2011 17:18:04	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	48992	Yes
212	GOM_TRA_1PNPDK20110713_172115_000000533104_00271_48992_5839.N1	13-JUL-2011 17:21:15	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	48992	Yes
213	GOM_TRA_1PNPDK20110713_172805_000000433104_00271_48992_5851.N1	13-JUL-2011 17:28:05	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	48992	Yes
214	GOM_TRA_1PNPDK20110713_173034_000000413104_00271_48992_5852.N1	13-JUL-2011 17:30:34	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	48992	Yes
215	GOM_TRA_1PNPDK20110713_174119_000000413104_00271_48992_5853.N1	13-JUL-2011 17:41:19	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	48992	Yes
216	GOM_TRA_1PNPDK20110713_174821_000000403104_00271_48992_5854.N1	13-JUL-2011 17:48:21	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	48992	Yes
217	GOM_TRA_1PNPDK20110713_175139_000000383104_00271_48992_5855.N1	13-JUL-2011 17:51:39	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	48992	Yes
218	GOM_TRA_1PNPDK20110713_175852_000000443104_00271_48992_5856.N1	13-JUL-2011 17:58:52	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48992	Yes
219	GOM_TRA_1PNPDK20110713_180738_000000693104_00271_48992_5857.N1	13-JUL-2011 18:07:38	Bright	69.000	76	27Gam Cas	2.3000	30000.	138	48992	Yes
220	GOM_TRA_1PNPDK20110713_181231_000000613104_00271_48992_5858.N1	13-JUL-2011 18:12:31	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48992	Yes
221	GOM_TRA_1PNPDK20110713_181351_000000603104_00271_48992_5859.N1	13-JUL-2011 18:13:51	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	48992	Yes
222	GOM_TRA_1PNPDK20110713_181645_000000453104_00271_48992_5860.N1	13-JUL-2011 18:16:45	Bright	45.000	79	26Bet Per	2.3100	13100.	90	48992	Yes
223	GOM_TRA_1PNPDK20110713_181935_000000443104_00271_48992_5861.N1	13-JUL-2011 18:19:35	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	48992	Yes
224	GOM_TRA_1PNPDK20110713_182206_000000463104_00271_48992_5862.N1	13-JUL-2011 18:22:06	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	48992	Yes
225	GOM_TRA_1PNPDK20110713_182341_000000463104_00271_48992_5863.N1	13-JUL-2011 18:23:41	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	48992	Yes
226	GOM_TRA_1PNPDK20110713_182950_000000573104_00271_48992_5864.N1	13-JUL-2011 18:29:50	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	48992	Yes
227	GOM_TRA_1PNPDK20110713_183259_000000463104_00271_48992_5865.N1	13-JUL-2011 18:32:59	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	48992	Yes
228	GOM_TRA_1PNPDK20110713_184153_000000413104_00271_48992_5866.N1	13-JUL-2011 18:41:53	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48992	Yes
229	GOM_TRA_1PNPDK20110713_184802_000000503104_00272_48993_5867.N1	13-JUL-2011 18:48:02	Dark	50.000	9	Alp Eri	0.45300	24000.	100	48993	Yes
230	GOM_TRA_1PNPDK20110713_185047_000000533104_00272_48993_5868.N1	13-JUL-2011 18:50:47	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48993	Yes
231	GOM_TRA_1PNPDK20110713_185641_000000543104_00272_48993_5869.N1	13-JUL-2011 18:56:41	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	48993	Yes
232	GOM_TRA_1PNPDK20110713_185819_000000473104_00272_48993_5870.N1	13-JUL-2011 18:58:19	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	48993	Yes
233	GOM_TRA_1PNPDK20110713_190129_000000513104_00272_48993_5871.N1	13-JUL-2011 19:01:29	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	48993	Yes
234	GOM_TRA_1PNPDK20110713_190819_000000403104_00272_48993_5881.N1	13-JUL-2011 19:08:19	Bright	40.000	103	38Zet Sgr	2.6000	9700.0	80	48993	Yes
235	GOM_TRA_1PNPDK20110713_191049_000000403104_00272_48993_5882.N1	13-JUL-2011 19:10:49	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48993	Yes
236	GOM_TRA_1PNPDK20110713_192133_000000413104_00272_48993_5883.N1	13-JUL-2011 19:21:33	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	48993	Yes
237	GOM_TRA_1PNPDK20110713_192835_000000373104_00272_48993_5884.N1	13-JUL-2011 19:28:35	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	48993	Yes

238	GOM_TRA_1PNPDK20110713_193153_000000393104_00272_48993_5885.N1	13-JUL-2011 19:31:53	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	48993	Yes
239	GOM_TRA_1PNPDK20110713_193905_000000453104_00272_48993_5886.N1	13-JUL-2011 19:39:05	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	48993	Yes
240	GOM_TRA_1PNPDK20110713_194751_000000483104_00272_48993_5887.N1	13-JUL-2011 19:47:51	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	48993	Yes
241	GOM_TRA_1PNPDK20110713_195245_000000613104_00272_48993_5888.N1	13-JUL-2011 19:52:45	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48993	Yes
242	GOM_TRA_1PNPDK20110713_195405_000000493104_00272_48993_5889.N1	13-JUL-2011 19:54:05	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	48993	Yes
243	GOM_TRA_1PNPDK20110713_195659_000000463104_00272_48993_5890.N1	13-JUL-2011 19:56:59	Bright	45.500	79	26Bet Per	2.3100	13100.	91	48993	Yes
244	GOM_TRA_1PNPDK20110713_195949_000000423104_00272_48993_5891.N1	13-JUL-2011 19:59:49	Twi_and_stray	42.000	150	44Zet Per	2.8900	28000.	84	48993	Yes
245	GOM_TRA_1PNPDK20110713_200220_000000453104_00272_48993_5892.N1	13-JUL-2011 20:02:20	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48993	Yes
246	GOM_TRA_1PNPDK20110713_200355_000000453104_00272_48993_5893.N1	13-JUL-2011 20:03:55	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48993	Yes
247	GOM_TRA_1PNPDK20110713_201005_000000583104_00272_48993_5894.N1	13-JUL-2011 20:10:05	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	48993	Yes
248	GOM_TRA_1PNPDK20110713_201314_000000473104_00272_48993_5895.N1	13-JUL-2011 20:13:14	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	48993	Yes
249	GOM_TRA_1PNPDK20110713_202208_000000413104_00272_48993_5896.N1	13-JUL-2011 20:22:08	Dark	41.000	157	The1Eri	2.9060	9300.0	82	48993	Yes
250	GOM_TRA_1PNPDK20110713_202817_000000513104_00273_48994_5897.N1	13-JUL-2011 20:28:17	Dark	50.500	9	Alp Eri	0.45300	24000.	101	48994	Yes
251	GOM_TRA_1PNPDK20110713_203103_000000503104_00273_48994_5898.N1	13-JUL-2011 20:31:03	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	48994	Yes
252	GOM_TRA_1PNPDK20110713_203655_000000523104_00273_48994_5899.N1	13-JUL-2011 20:36:55	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	48994	Yes
253	GOM_TRA_1PNPDK20110713_203833_000000483104_00273_48994_5900.N1	13-JUL-2011 20:38:33	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	48994	Yes
254	GOM_TRA_1PNPDE20110713_204144_000000533104_00273_48994_2950.N1	13-JUL-2011 20:41:44	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	48994	Yes
255	GOM_TRA_1PNPDE20110713_204833_000000553104_00273_48994_2951.N1	13-JUL-2011 20:48:33	Bright	55.000	103	38Zet Sgr	2.6000	9700.0	110	48994	Yes
256	GOM_TRA_1PNPDE20110713_205103_000000413104_00273_48994_2952.N1	13-JUL-2011 20:51:03	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	48994	Yes
257	GOM_TRA_1PNPDE20110713_210147_000000403104_00273_48994_2953.N1	13-JUL-2011 21:01:47	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	48994	Yes
258	GOM_TRA_1PNPDE20110713_210849_000000373104_00273_48994_2954.N1	13-JUL-2011 21:08:49	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	48994	Yes
259	GOM_TRA_1PNPDE20110713_211207_000000413104_00273_48994_2955.N1	13-JUL-2011 21:12:07	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	48994	Yes
260	GOM_TRA_1PNPDE20110713_211918_000000443104_00273_48994_2956.N1	13-JUL-2011 21:19:18	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48994	Yes
261	GOM_TRA_1PNPDE20110713_212804_000000463104_00273_48994_2957.N1	13-JUL-2011 21:28:04	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	48994	Yes
262	GOM_TRA_1PNPDE20110713_213259_000000503104_00273_48994_2958.N1	13-JUL-2011 21:32:59	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	48994	Yes
263	GOM_TRA_1PNPDE20110713_213419_000000483104_00273_48994_2959.N1	13-JUL-2011 21:34:19	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	48994	Yes
264	GOM_TRA_1PNPDE20110713_213713_000000513104_00273_48994_2960.N1	13-JUL-2011 21:37:13	Bright	50.500	79	26Bet Per	2.3100	13100.	101	48994	Yes
265	GOM_TRA_1PNPDE20110713_214003_000000453104_00273_48994_2961.N1	13-JUL-2011 21:40:03	Twi_and_stray	44.500	150	44Zet Per	2.8900	28000.	89	48994	Yes
266	GOM_TRA_1PNPDE20110713_214234_000000453104_00273_48994_2962.N1	13-JUL-2011 21:42:34	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	48994	Yes
267	GOM_TRA_1PNPDE20110713_214410_000000453104_00273_48994_2963.N1	13-JUL-2011 21:44:10	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	48994	Yes
268	GOM_TRA_1PNPDE20110713_215019_000000563104_00273_48994_2964.N1	13-JUL-2011 21:50:19	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	48994	Yes
269	GOM_TRA_1PNPDE20110713_215328_000000473104_00273_48994_2977.N1	13-JUL-2011 21:53:28	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	48994	Yes
270	GOM_TRA_1PNPDE20110713_220223_000000433104_00273_48994_2978.N1	13-JUL-2011 22:02:23	Dark	43.000	157	The1Eri	2.9060	9300.0	86	48994	Yes
271	GOM_TRA_1PNPDE20110713_220831_000000513104_00274_48995_2979.N1	13-JUL-2011 22:08:31	Dark	51.000	9	Alp Eri	0.45300	24000.	102	48995	Yes
272	GOM_TRA_1PNPDE20110713_221118_000000533104_00274_48995_2980.N1	13-JUL-2011 22:11:18	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	48995	Yes
273	GOM_TRA_1PNPDE20110713_221710_000000623104_00274_48995_2981.N1	13-JUL-2011 22:17:10	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	48995	Yes
274	GOM_TRA_1PNPDE20110713_221848_000000463104_00274_48995_2982.N1	13-JUL-2011 22:18:48	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	48995	Yes
275	GOM_TRA_1PNPDE20110713_222159_000000523104_00274_48995_2983.N1	13-JUL-2011 22:21:59	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	48995	Yes
276	GOM_TRA_1PNPDE20110713_222847_000000423104_00274_48995_2984.N1	13-JUL-2011 22:28:47	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	48995	Yes
277	GOM_TRA_1PNPDE20110713_223117_000000403104_00274_48995_2985.N1	13-JUL-2011 22:31:17	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	48995	Yes
278	GOM_TRA_1PNPDE20110713_224200_000000393104_00274_48995_2986.N1	13-JUL-2011 22:42:00	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	48995	Yes
279	GOM_TRA_1PNPDE20110713_224902_000000373104_00274_48995_2987.N1	13-JUL-2011 22:49:02	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	48995	Yes
280	GOM_TRA_1PNPDE20110713_225220_000000343104_00274_48995_2988.N1	13-JUL-2011 22:52:20	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	48995	Yes
281	GOM_TRA_1PNPDE20110713_225932_000000413104_00274_48995_2989.N1	13-JUL-2011 22:59:32	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	48995	Yes
282	GOM_TRA_1PNPDE20110713_230818_000000603104_00274_48995_2990.N1	13-JUL-2011 23:08:18	Bright	59.500	76	27Gam Cas	2.3000	30000.	119	48995	Yes
283	GOM_TRA_1PNPDE20110713_231313_000000613104_00274_48995_2991.N1	13-JUL-2011 23:13:13	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	48995	Yes
284	GOM_TRA_1PNPDE20110713_231433_000000543104_00274_48995_2992.N1	13-JUL-2011 23:14:33	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	48995	Yes
285	GOM_TRA_1PNPDE20110713_231727_000000453104_00274_48995_2993.N1	13-JUL-2011 23:17:27	Bright	44.500	79	26Bet Per	2.3100	13100.	89	48995	Yes
286	GOM_TRA_1PNPDE20110713_232017_000000423104_00274_48995_2994.N1	13-JUL-2011 23:20:17	Twi_and_stray	42.000	150	44Zet Per	2.8900	28000.	84	48995	Yes
287	GOM_TRA_1PNPDE20110713_232249_000000453104_00274_48995_2995.N1	13-JUL-2011 23:22:49	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	48995	Yes
288	GOM_TRA_1PNPDE20110713_232424_000000453104_00274_48995_2996.N1	13-JUL-2011 23:24:24	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	48995	Yes
289	GOM_TRA_1PNPDE20110713_233034_000000593104_00274_48995_2997.N1	13-JUL-2011 23:30:34	Dark	59.000	94	92Alp Cet	2.5260	3100.0	118	48995	Yes
290	GOM_TRA_1PNPDE20110713_233342_000000473104_00274_48995_3007.N1	13-JUL-2011 23:33:42	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	48995	Yes

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_1PNPDE20110713_204144_000000533104_00273_48994_2950.N1	DC map with no T dep.
GOM_TRA_1PNPDE20110713_204833_000000553104_00273_48994_2951.N1	DC map used
GOM_TRA_1PNPDE20110713_205103_000000413104_00273_48994_2952.N1	DC map used
GOM_TRA_1PNPDE20110713_210147_000000403104_00273_48994_2953.N1	DC map used
GOM_TRA_1PNPDE20110713_210849_000000373104_00273_48994_2954.N1	DC map used
GOM_TRA_1PNPDE20110713_211207_000000413104_00273_48994_2955.N1	DC map used
GOM_TRA_1PNPDE20110713_211918_000000443104_00273_48994_2956.N1	DC map used
GOM_TRA_1PNPDE20110713_212804_000000463104_00273_48994_2957.N1	DC map used
GOM_TRA_1PNPDE20110713_213259_000000503104_00273_48994_2958.N1	DC map used
GOM_TRA_1PNPDE20110713_213419_000000483104_00273_48994_2959.N1	DC map used
GOM_TRA_1PNPDE20110713_213713_000000513104_00273_48994_2960.N1	DC map used
GOM_TRA_1PNPDE20110713_214003_000000453104_00273_48994_2961.N1	DC map used
GOM_TRA_1PNPDE20110713_214234_000000453104_00273_48994_2962.N1	DC map used
GOM_TRA_1PNPDE20110713_214410_000000453104_00273_48994_2963.N1	DC map used

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

No products without errors in DARK limb conditions found. No plot performed.

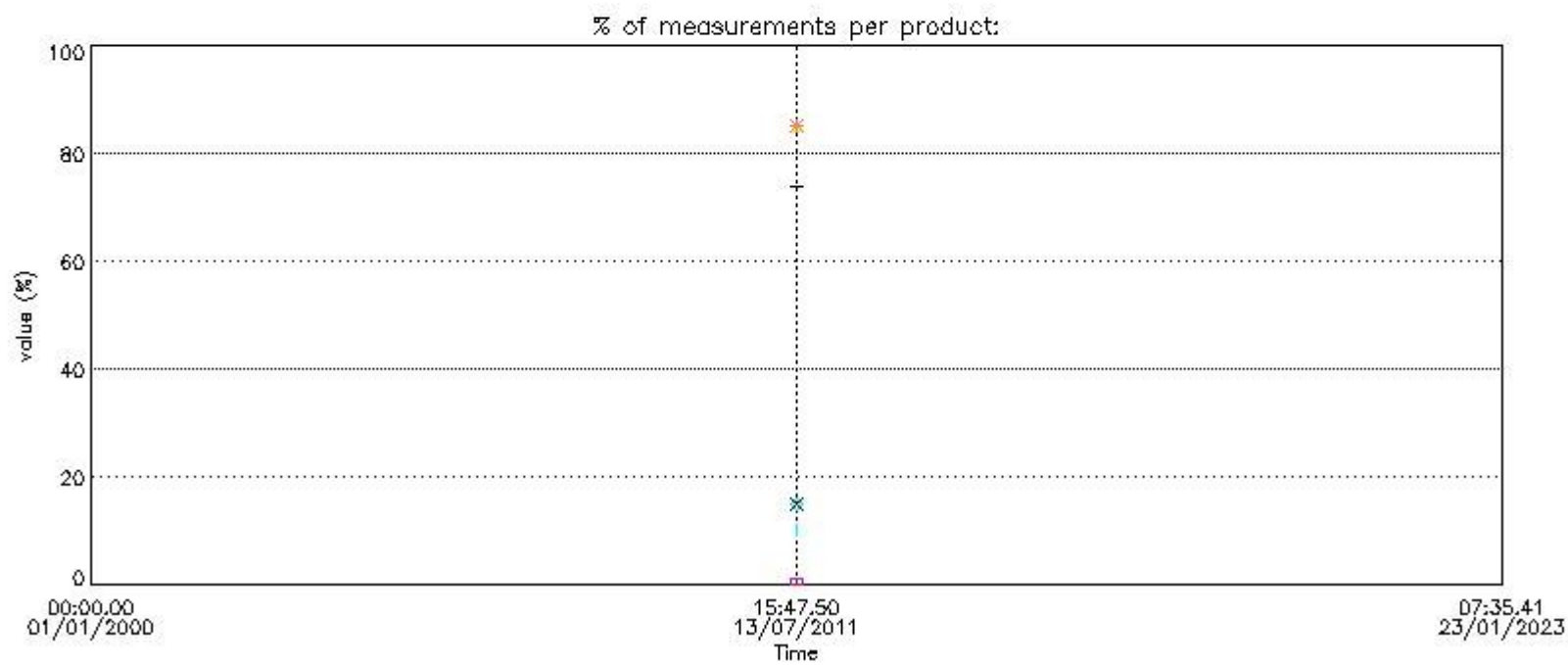
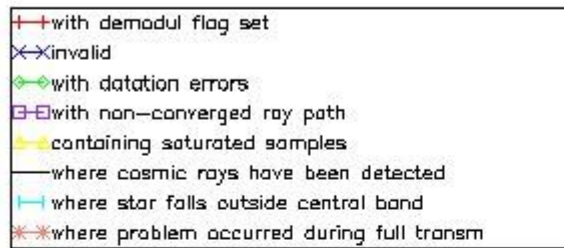
5. Demodulation flag and quality information monitoring

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.

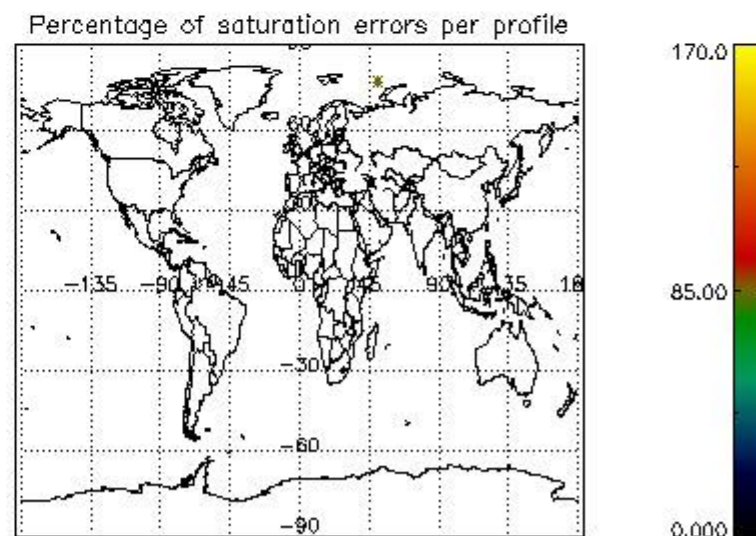
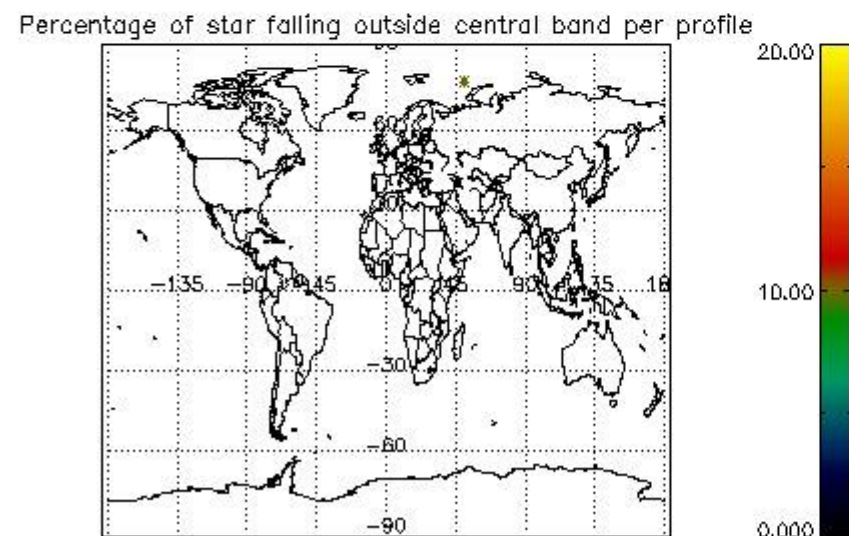
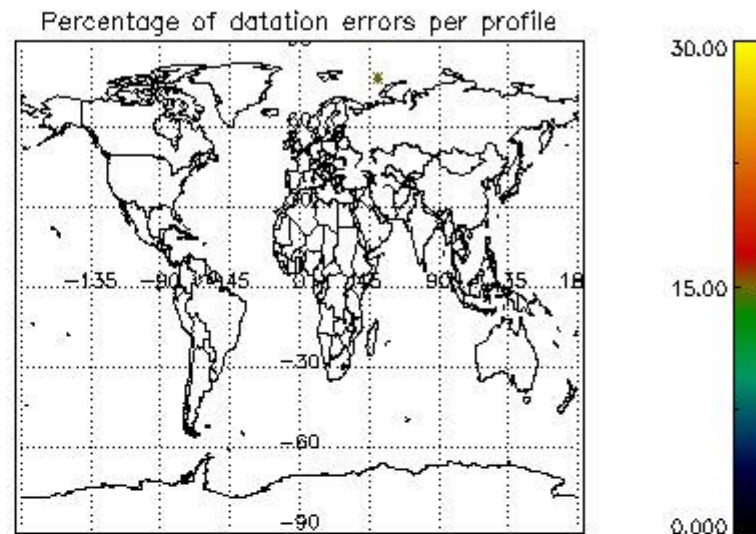
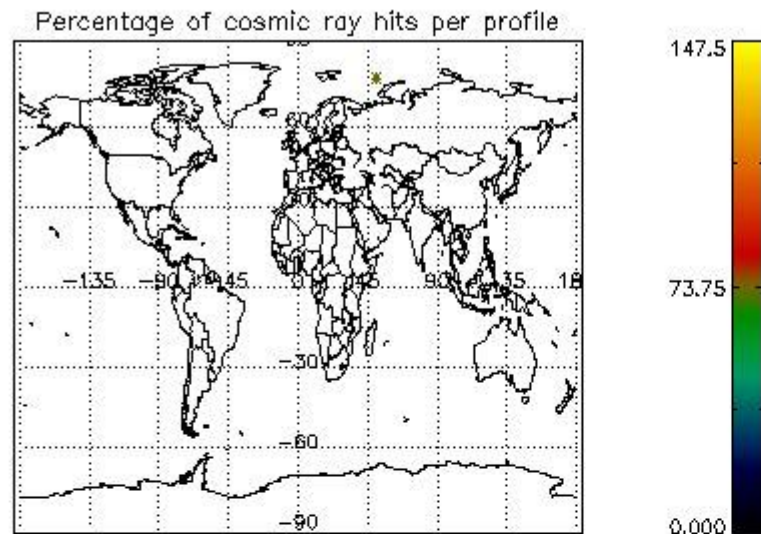
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	0.00000 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	100.000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



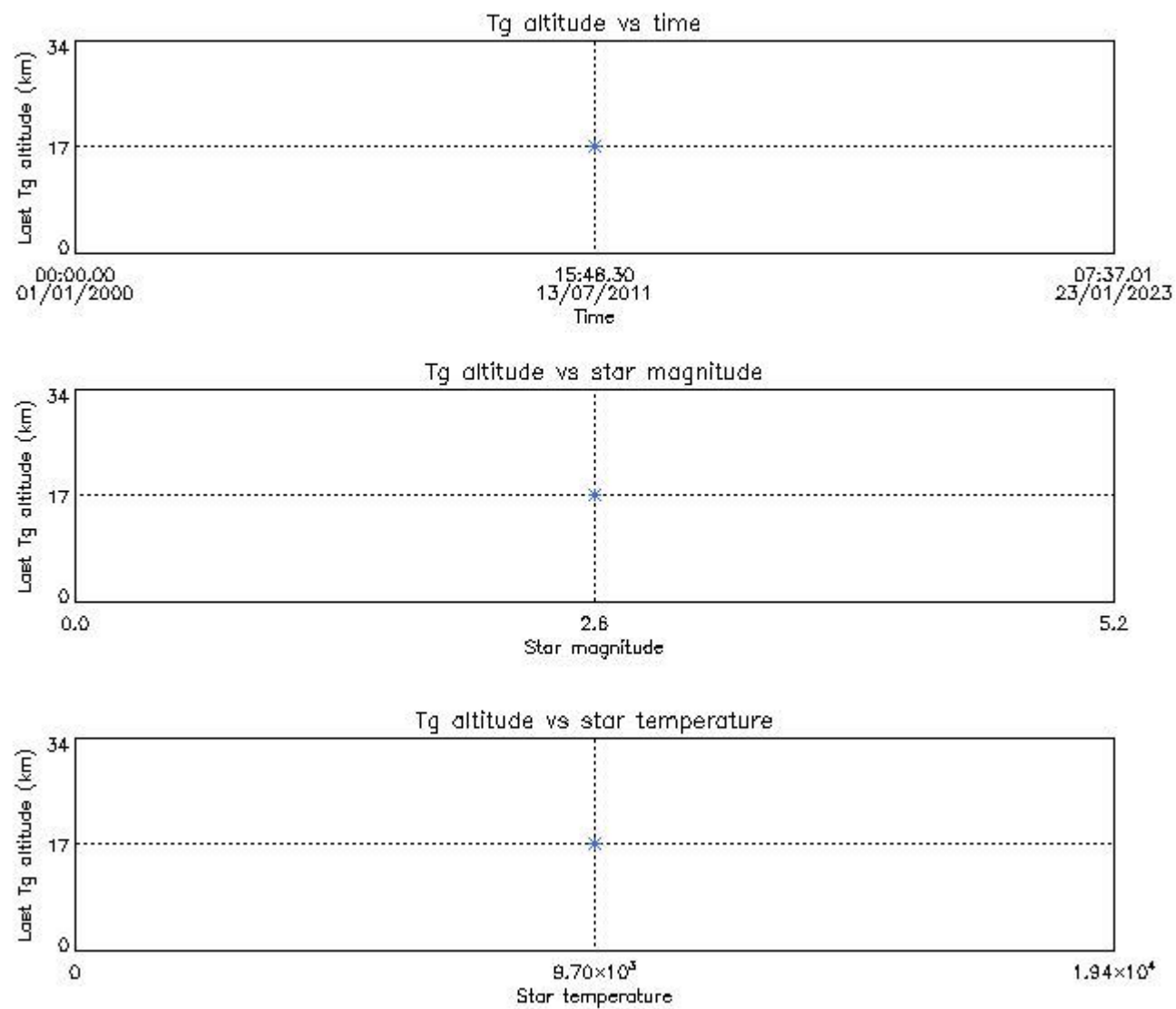
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	NaN	17.109	NaN
St. deviation:	NaN	0.0000	NaN
Maximum:	NaN	17.109	NaN
Minimum:	NaN	17.109	NaN
Number of data:	NaN	1.0000	NaN

6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.

7.2 Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere. Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

7.2.1 SATU NEA Statistics (table)

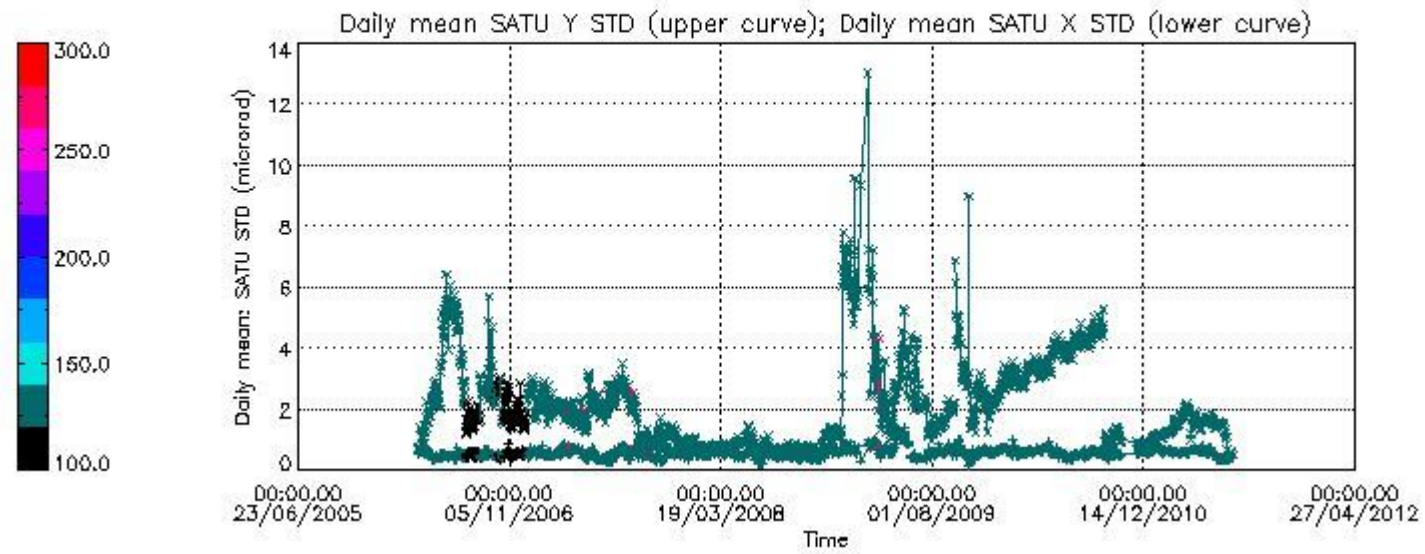
Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	NaN	NaN	0.088000	-0.10144
St. deviation:	NaN	NaN	0.59442	0.71413
Maximum:	NaN	NaN	2.6000	2.8000
Minimum:	NaN	NaN	-3.2000	-3.4000
Number of data:	NaN	NaN	900.00	900.00
90Percentile:	NaN	NaN	0.90000	0.50000

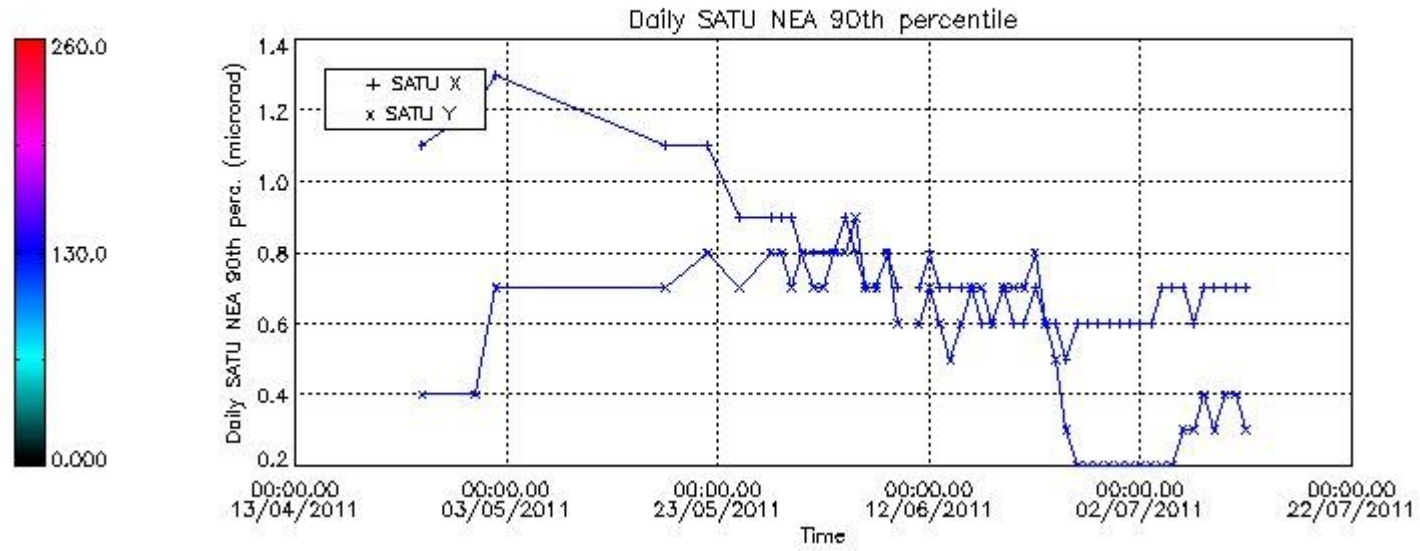
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

The long term trend of the SATU 'X' and 'Y' standard deviations should be constant during the whole mission.

The colorbar represents the start tangent altitude (km) of the occultations.

Upper curve: STD of SATU Y axis
Lower curve: STD of SATU X axis

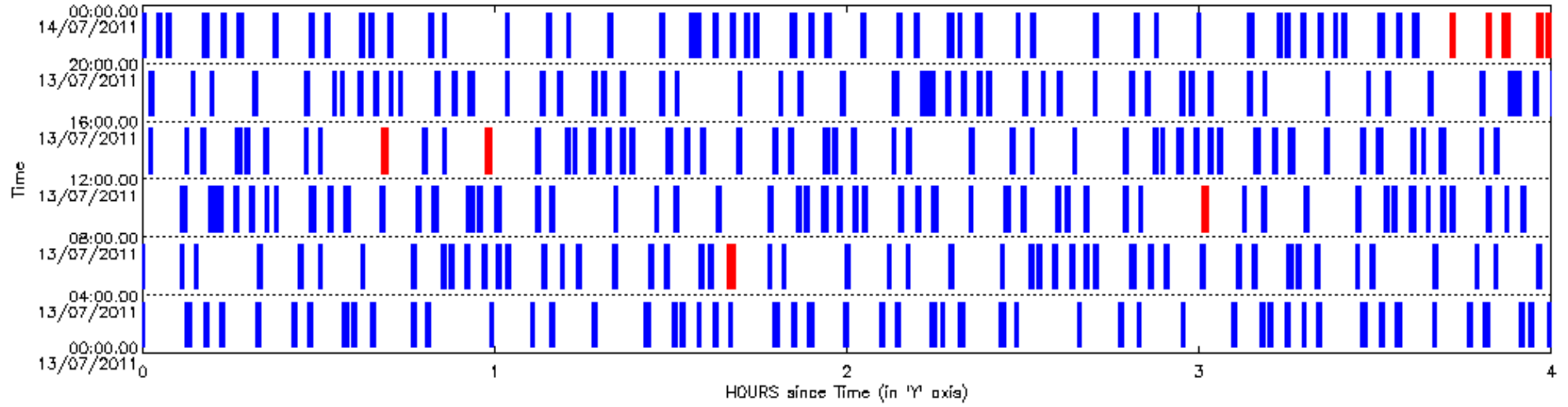


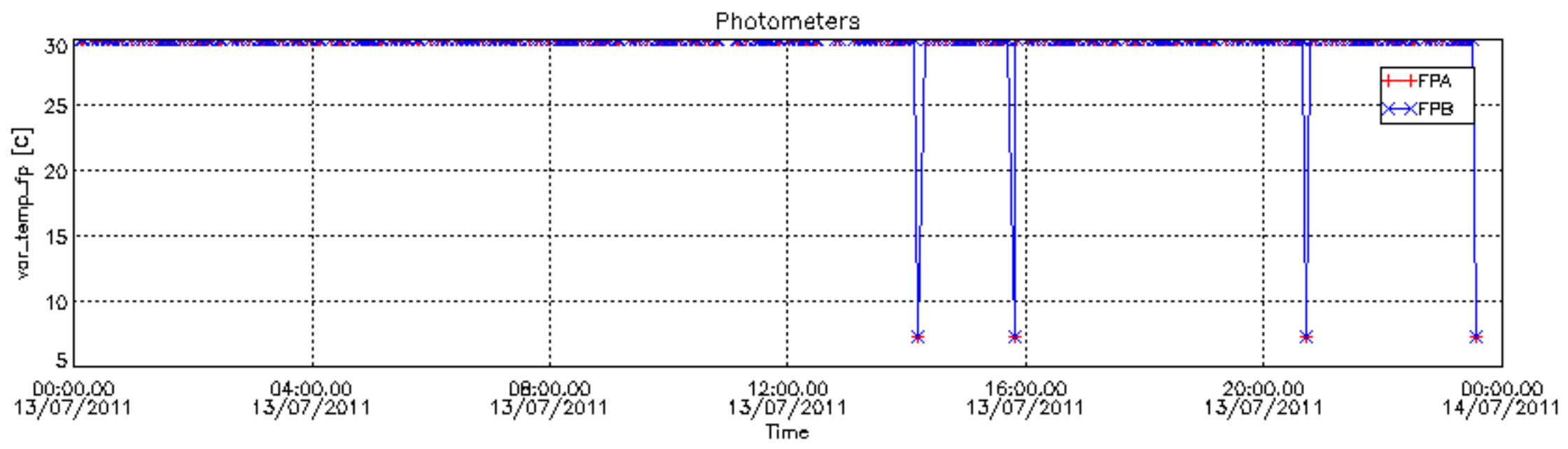
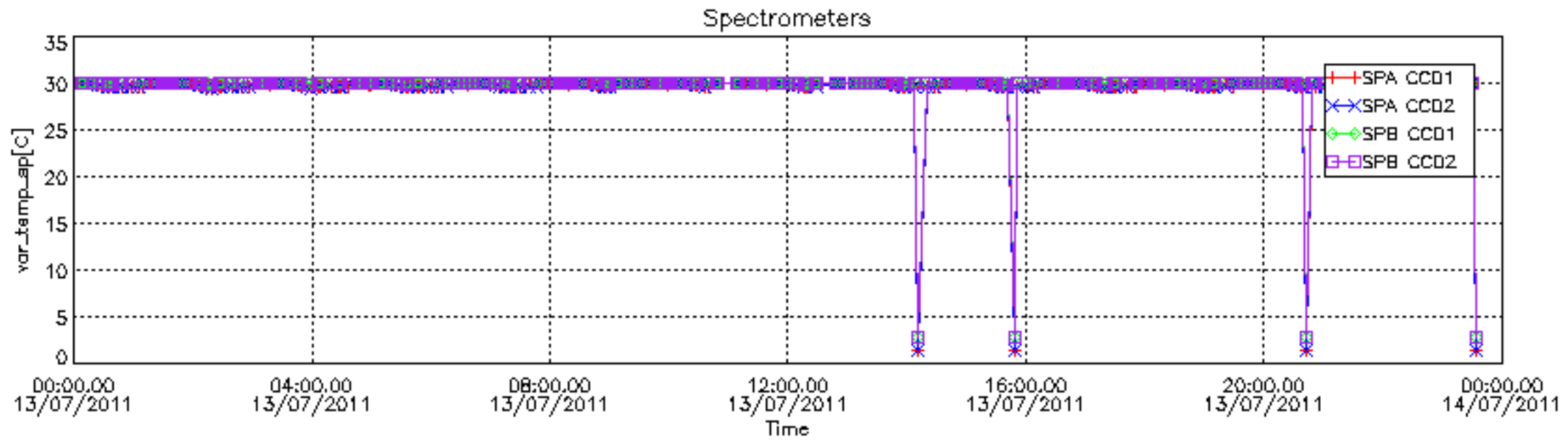


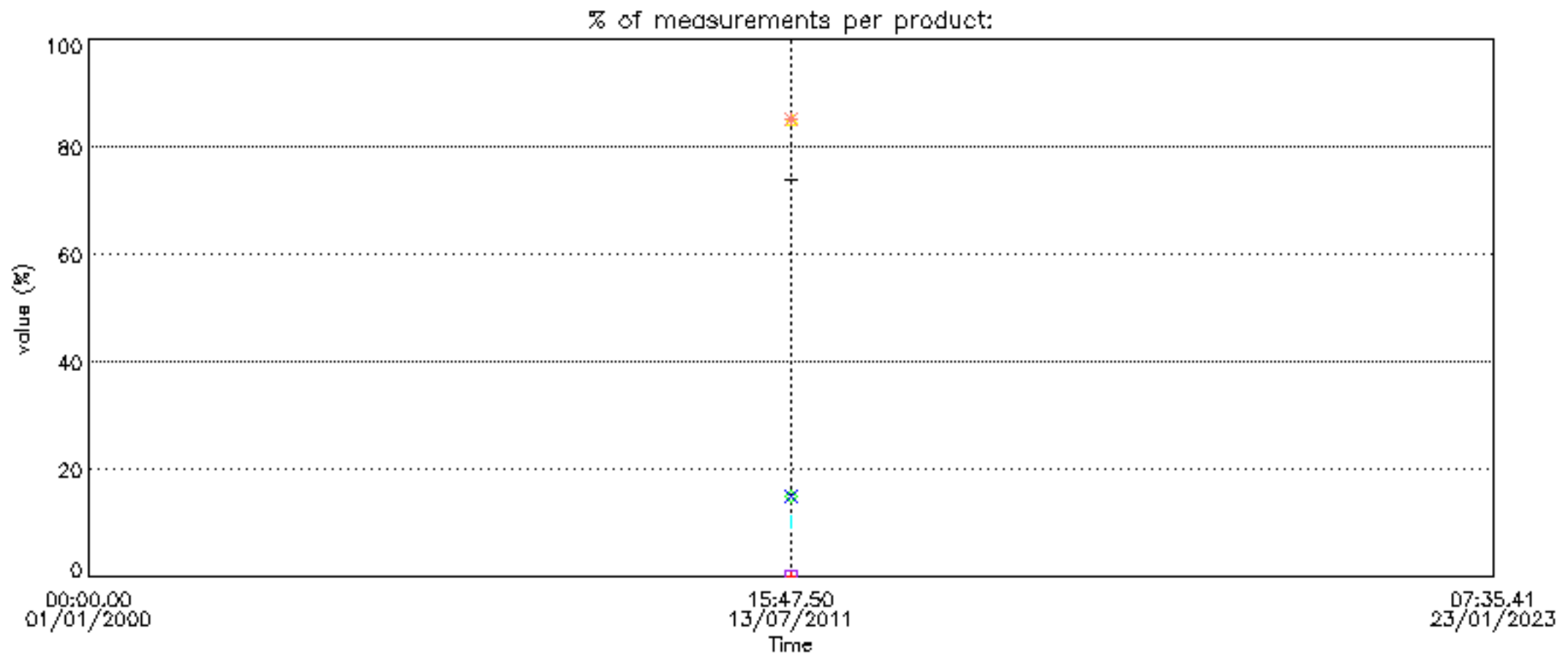
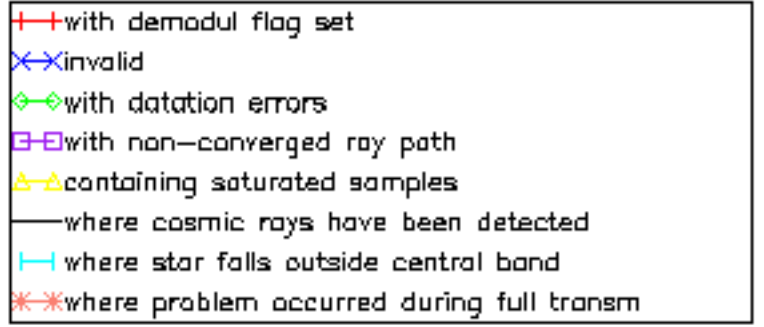
8. Auxiliary Data Files used for the production reported in section 2.4

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

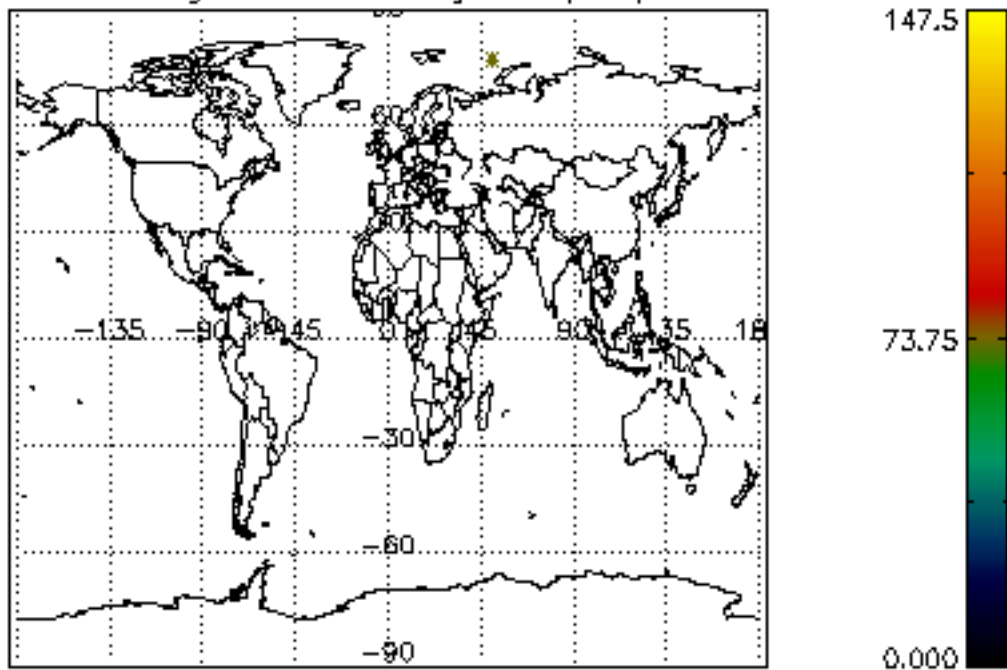
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-JUL-2011 00:07:08
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110711_093848_20110709_000000_20500101_000000	1	13-JUL-2011 00:07:08
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	13-JUL-2011 00:07:08
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20110513_081743_20020301_000000_20500101_000000	75	13-JUL-2011 06:26:03
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	13-JUL-2011 00:07:08
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	13-JUL-2011 00:07:08
ECMWF_FILE	AUX_ECF_AXNECM20110712_063440_20110712_210000_20110713_090000	1	13-JUL-2011 00:07:08
ECMWF_FILE	AUX_ECF_AXNECM20110712_181440_20110713_030000_20110713_150000	35	13-JUL-2011 03:05:36
ECMWF_FILE	AUX_ECA_AXNECM20110713_062114_20110712_210000_20110713_090000	55	13-JUL-2011 04:45:50
ECMWF_FILE	AUX_ECF_AXNECM20110712_181440_20110713_030000_20110713_150000	92	13-JUL-2011 07:39:56
ECMWF_FILE	AUX_ECF_AXNECM20110713_062114_20110713_090000_20110713_210000	113	13-JUL-2011 09:20:10
ECMWF_FILE	AUX_ECF_AXNECM20110713_062115_20110713_150000_20110714_030000	192	13-JUL-2011 15:47:50
ECMWF_FILE	AUX_ECA_AXNECM20110713_180448_20110713_090000_20110713_210000	213	13-JUL-2011 17:28:05
ECMWF_FILE	AUX_ECF_AXNECM20110713_062115_20110713_150000_20110714_030000	254	13-JUL-2011 20:41:44
ECMWF_FILE	AUX_ECF_AXNECM20110713_062115_20110713_210000_20110714_090000	269	13-JUL-2011 21:53:28
OPTIONAL_ECMWF_FILE	MISSING	1	13-JUL-2011 00:07:08
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110712_221439_20110712_110118_20110722_131506	1	13-JUL-2011 00:07:08
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110713_102914_20110712_192228_20110722_213616	113	13-JUL-2011 09:20:10
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110713_222449_20110713_134502_20110723_155850	269	13-JUL-2011 21:53:28



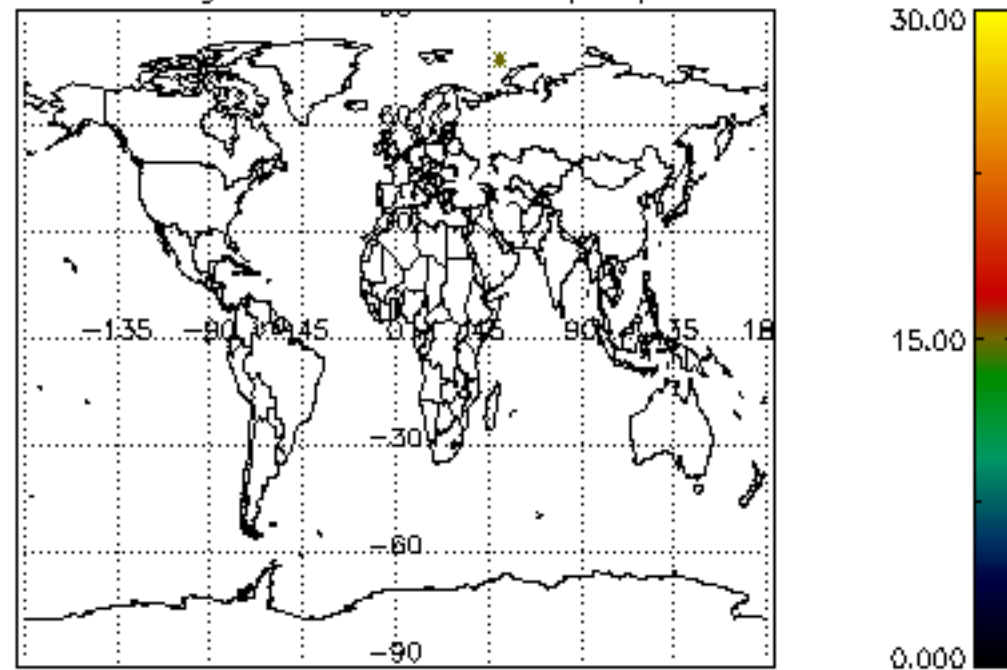




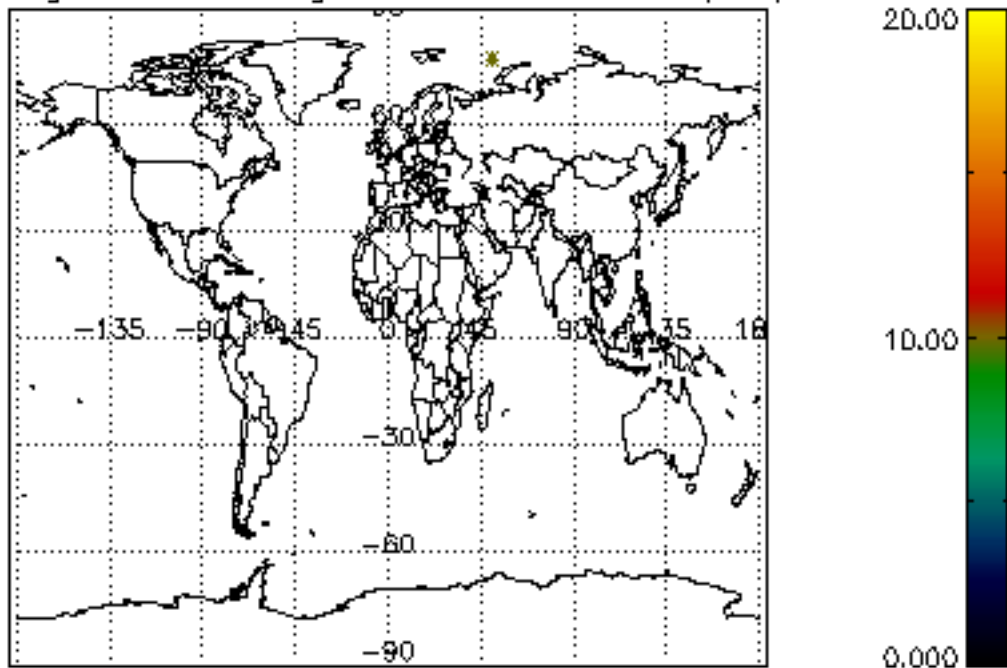
Percentage of cosmic ray hits per profile



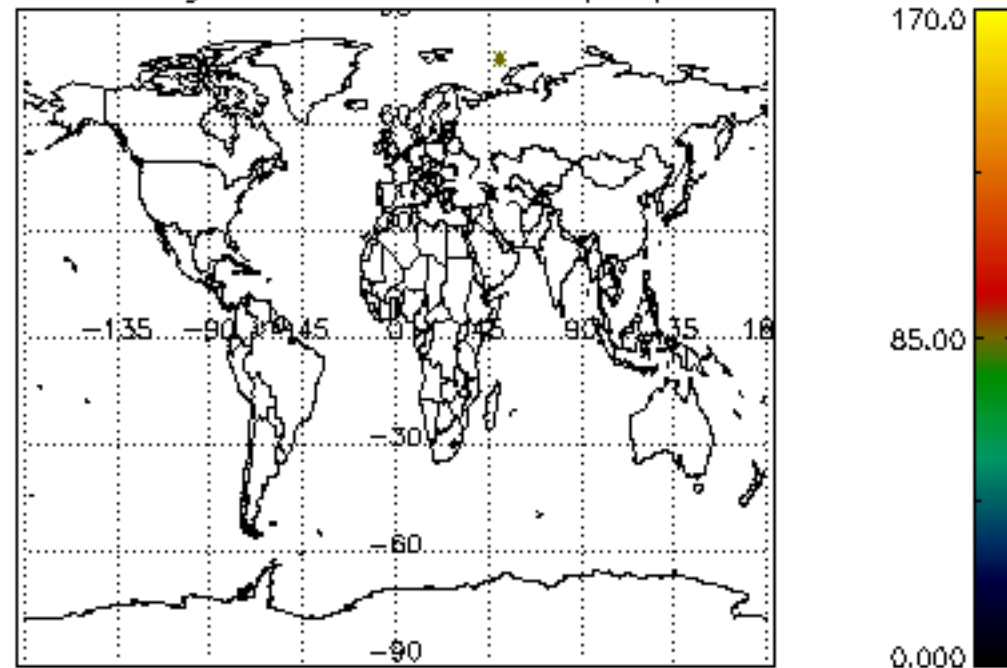
Percentage of datation errors per profile



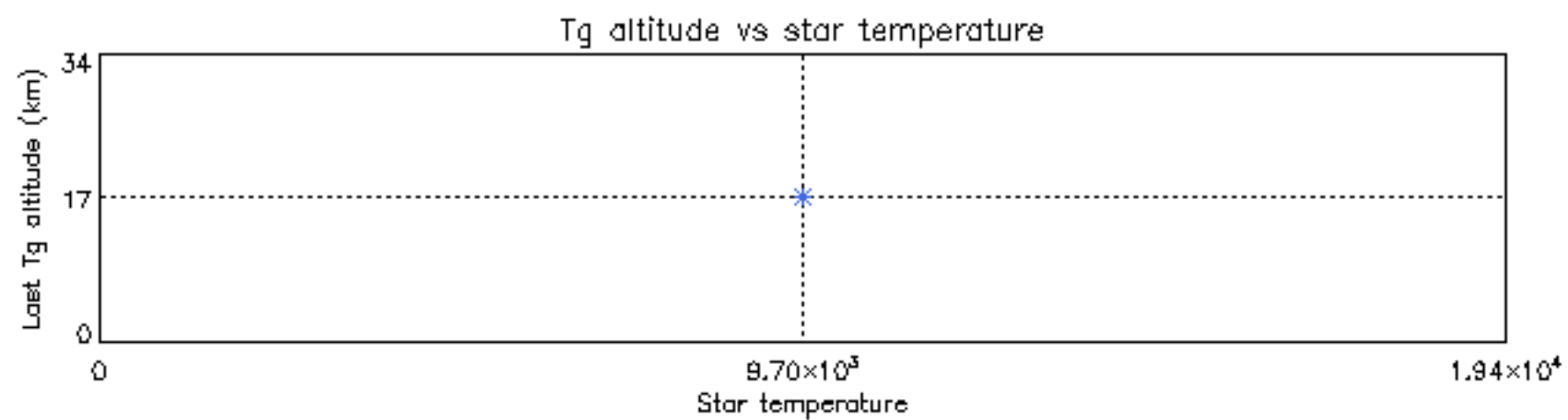
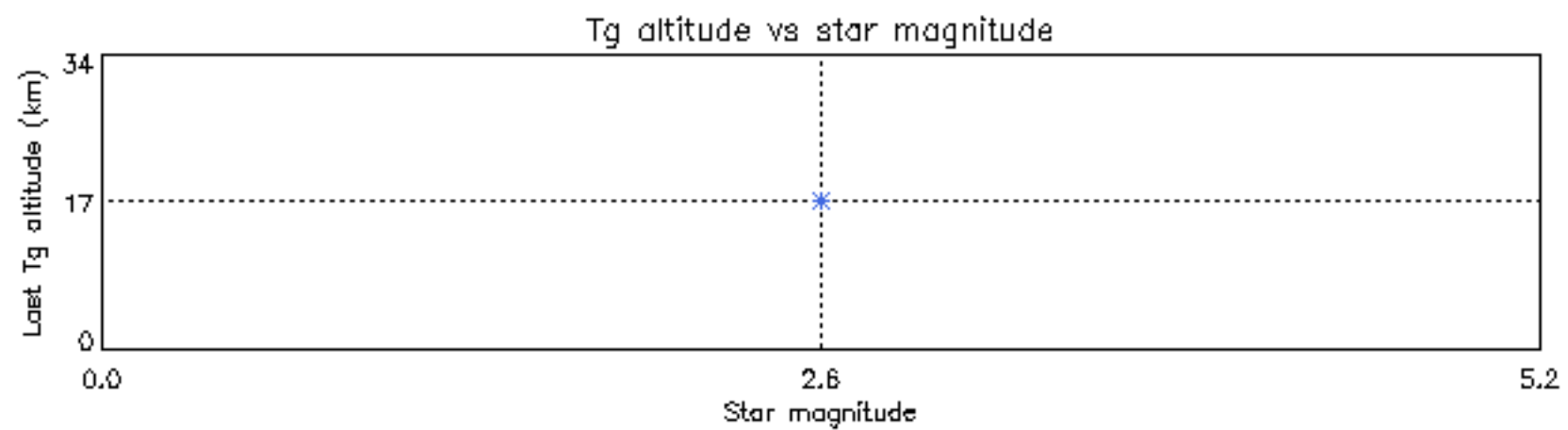
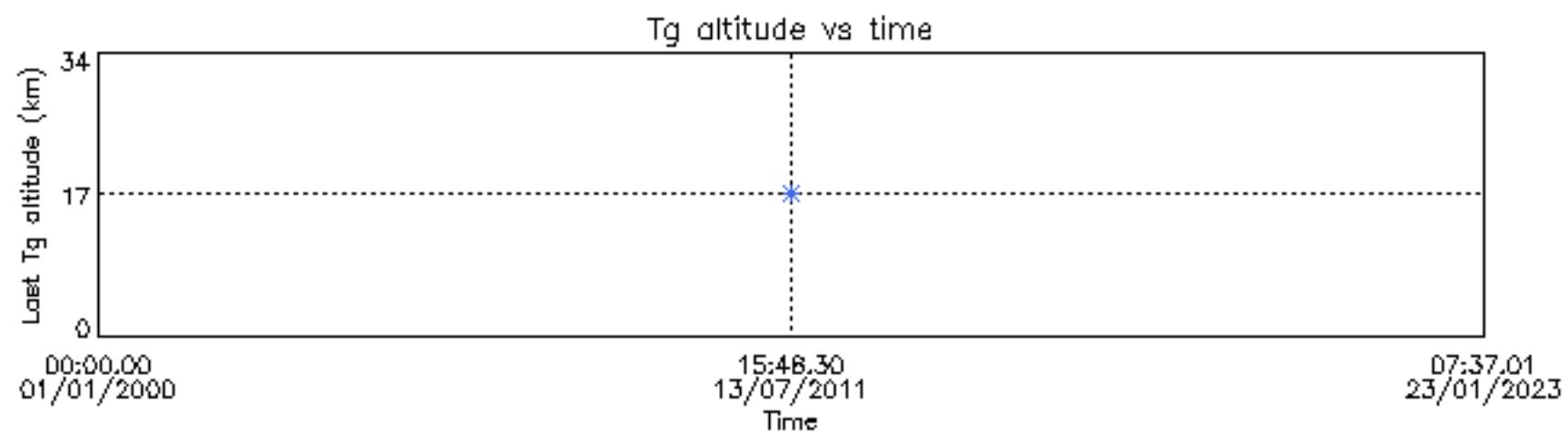
Percentage of star falling outside central band per profile

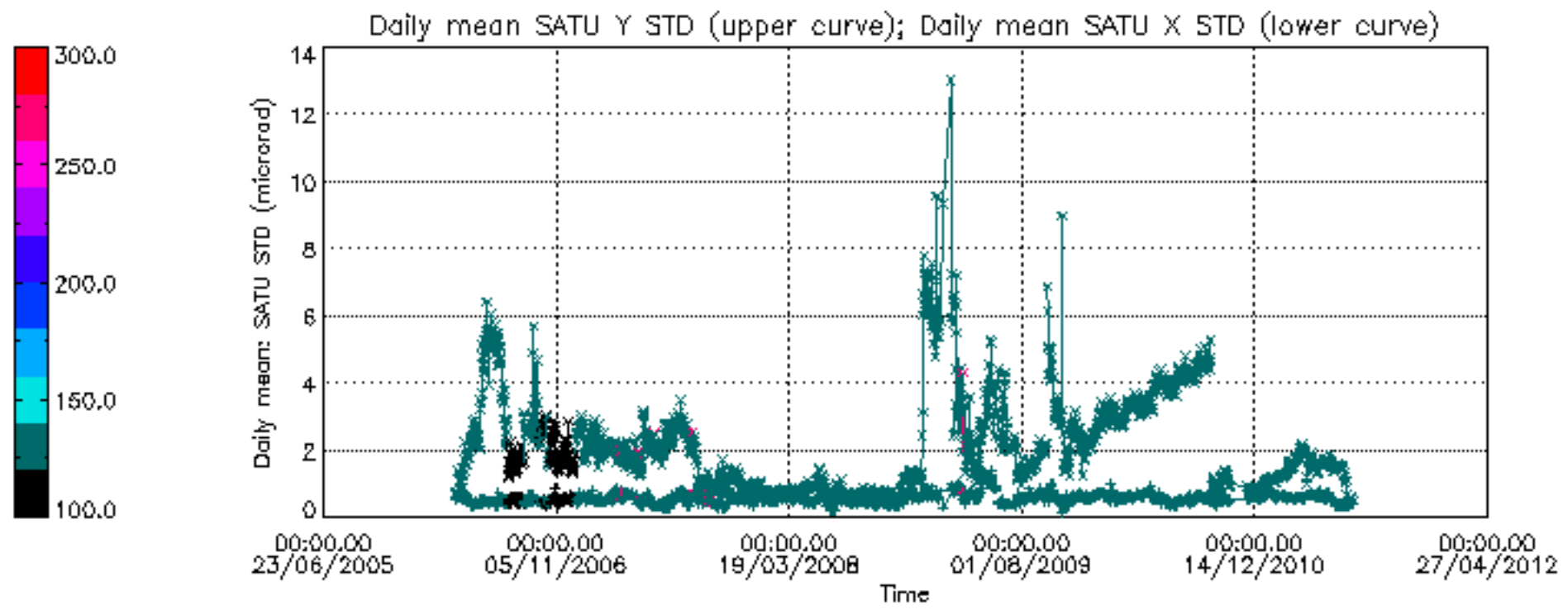


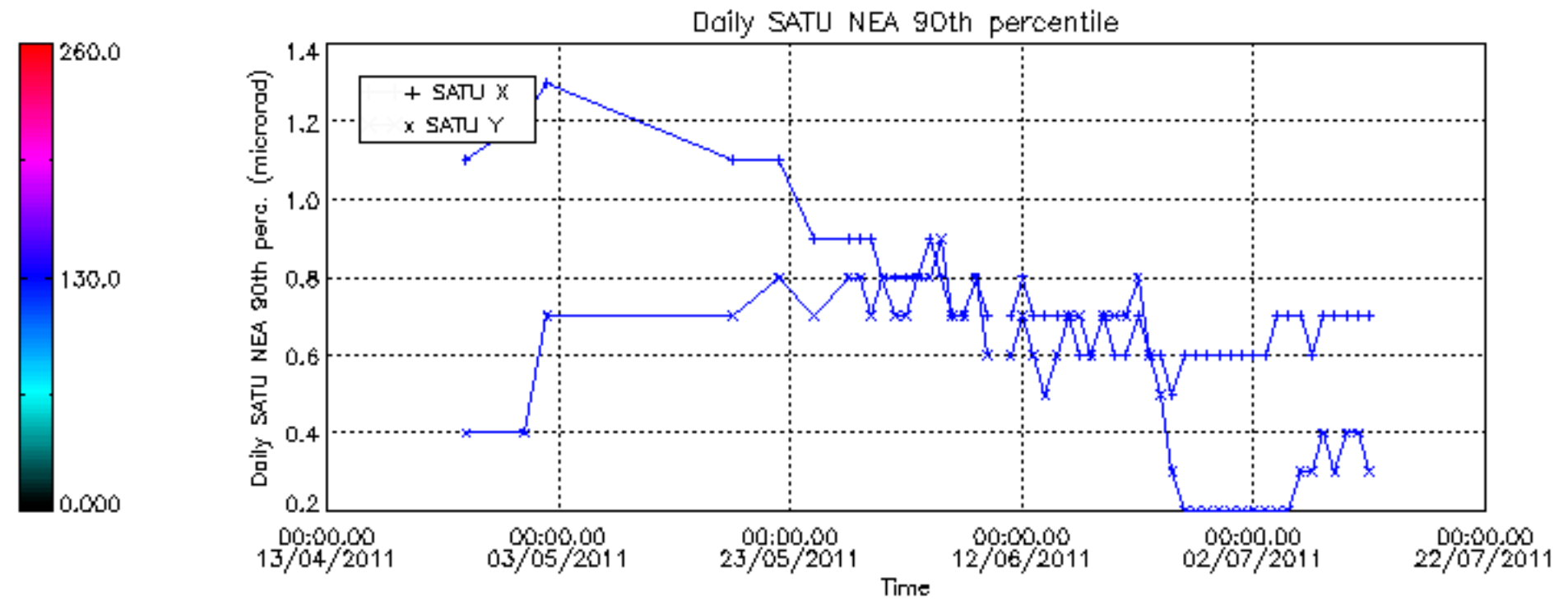
Percentage of saturation errors per profile



Tangent altitude at which the star is lost








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 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
10; 105.4; 01-JUL-2011 04:25:19; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;48812
11; 492.2; 01-JUL-2011 04:31:46; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;48812
12; 607.4; 01-JUL-2011 04:33:41; Dark ; 52.5; 31; Alp Gru ; 1.73; 15200;occ; 105; 0;48812
13; 744.7; 01-JUL-2011 04:35:58; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;48812
14; 1309.2; 01-JUL-2011 04:45:23; Dark ; 44.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 89; 0;48812
15; 1472.7; 01-JUL-2011 04:48:06; Bright; 43.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 87; 0;48812
16; 1969.8; 01-JUL-2011 04:56:23; Bright; 37.5; 126; 60Bet Oph ; 2.77; 4250;occ; 75; 0;48812
17; 2108.5; 01-JUL-2011 04:58:42; Bright; 37.5; 59; 55Alp Oph ; 2.08; 8900;occ; 75; 0;48812
18; 2210.4; 01-JUL-2011 05:00:24; Bright; 46.5; 168; 17Zet Aql ; 2.99; 11000;occ; 93; 0;48812
19; 2629.8; 01-JUL-2011 05:07:23; Bright; 44.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 88; 0;48812
20; 2791.3; 01-JUL-2011 05:10:05; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;48812
21; 2893.6; 01-JUL-2011 05:11:47; Bright; 48.0; 144; 18Del Cyg ; 2.86; 11000;occ; 96; 0;48812
22; 3315.6; 01-JUL-2011 05:18:49; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;48812
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 3;-1972.7; 01-JUL-2011 05:30:55; Bright; 43.0; 160; 23Gam Per ; 2.93; 4700;occ; 86; 0;48812
 4;-1868.4; 01-JUL-2011 05:32:39; Bright; 34.5; 175; 39Del Per ; 3.01; 19400;occ; 69; 0;48812
 5;-1770.8; 01-JUL-2011 05:34:17; Bright; 49.0; 73; 57Gam1And ; 2.26; 13100;occ; 98; 0;48812
 6;-1611.4; 01-JUL-2011 05:36:56; Dark ; 51.0; 173; 4Bet Tri ; 3.00; 8900;occ; 102; 0;48812
 7;-1354.2; 01-JUL-2011 05:41:13; Dark ; 57.0; 50; 13Alp Ari ; 2.01; 4250;occ; 114; 0;48812
 8;-1054.2; 01-JUL-2011 05:46:13; Dark ; 48.5; 94; 92Alp Cet ; 2.53; 3100;occ; 97; 0;48812
 9; -518.7; 01-JUL-2011 05:55:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48812
10; 106.4; 01-JUL-2011 06:05:34; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;48813
11; 493.1; 01-JUL-2011 06:12:01; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;48813
12; 608.2; 01-JUL-2011 06:13:56; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;48813
13; 745.1; 01-JUL-2011 06:16:13; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;48813
14; 1309.6; 01-JUL-2011 06:25:37; Dark ; 43.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 86; 0;48813
15; 1472.9; 01-JUL-2011 06:28:20; Bright; 44.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 88; 0;48813
16; 1969.7; 01-JUL-2011 06:36:37; Bright; 37.5; 126; 60Bet Oph ; 2.77; 4250;occ; 75; 0;48813
17; 2108.5; 01-JUL-2011 06:38:56; Bright; 37.5; 59; 55Alp Oph ; 2.08; 8900;occ; 75; 0;48813
18; 2209.9; 01-JUL-2011 06:40:37; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;48813
19; 2629.3; 01-JUL-2011 06:47:37; Bright; 47.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 94; 0;48813
20; 2791.2; 01-JUL-2011 06:50:19; Bright; 38.5; 130; 23Bet Dra ; 2.80; 5800;occ; 77; 0;48813
21; 2892.8; 01-JUL-2011 06:52:00; Bright; 48.5; 144; 18Del Cyg ; 2.86; 11000;occ; 97; 0;48813
22; 3314.9; 01-JUL-2011 06:59:02; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;48813
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 1; 1311.8; 01-JUL-2011 19:47:31; Dark ; 44.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 89; 0;48821
 2; 1474.4; 01-JUL-2011 19:50:14; Bright; 44.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 88; 0;48821
 3; 1969.7; 01-JUL-2011 19:58:29; Bright; 38.0; 126; 60Bet Oph ; 2.77; 4250;occ; 76; 0;48821
 4; 2205.9; 01-JUL-2011 20:02:25; Bright; 47.5; 168; 17Zet Aql ; 2.99; 11000;occ; 95; 0;48821
 5; 2625.7; 01-JUL-2011 20:09:25; Bright; 41.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 83; 0;48821
 6; 2790.0; 01-JUL-2011 20:12:09; Bright; 38.5; 130; 23Bet Dra ; 2.80; 5800;occ; 77; 0;48821

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7; 2885.9; 01-JUL-2011 20:13:45; Bright; 50.5; 144; 18Del Cyg ; 2.86; 11000;occ; 101; 0;48821
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 6; 1324.3; 05-JUL-2011 00:38:27; Dark ; 42.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 85; 0;48867
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 9; 2185.7; 05-JUL-2011 00:52:48; Bright; 45.5; 168; 17Zet Aql ; 2.99; 11000;occ; 91; 0;48867
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