

GOMOS Daily Report 30-JUN-2010

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	03JUL2010 04:49:05
Data source version	GOMOS/5.01
Start time of products	30JUN2010 00:01:28
Stop time of products	30JUN2010 23:59:55
Store outputs in DB	Yes
Nb of level 1b prods	135
Nb of prods with errors	1

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

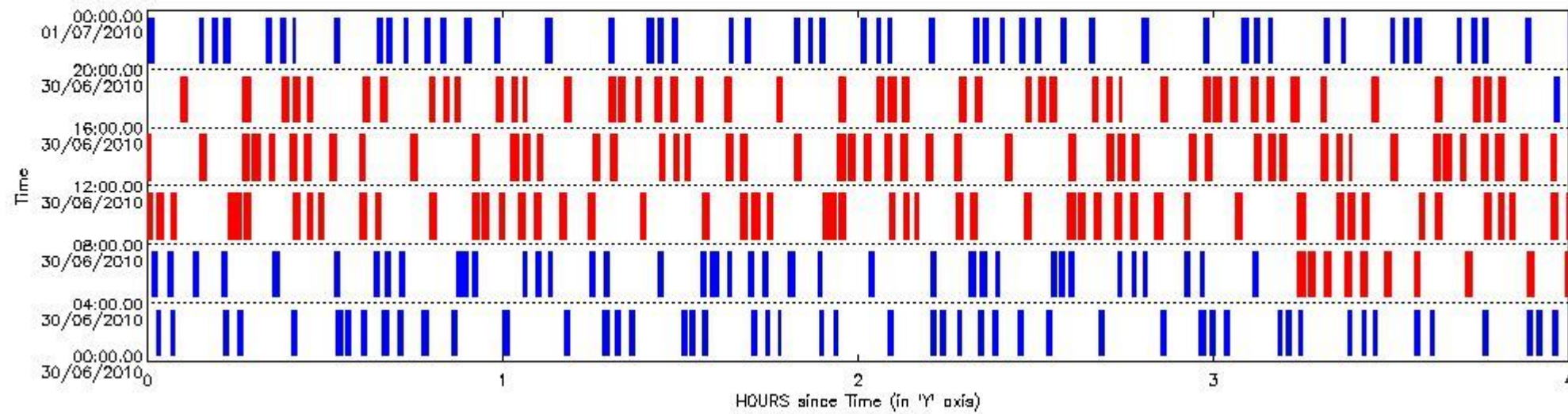
2.1 Level 0 products arrived in PCF (see template [here](#))

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
30-JUN-2010 07:14:10	11BetCas	74	43561
30-JUN-2010 07:15:51	18AlpCas	68	43561
30-JUN-2010 07:18:41	23GamPer	160	43561
30-JUN-2010 07:22:06	57Gam1And	73	43561
30-JUN-2010 07:24:42	4BetTri	173	43561
30-JUN-2010 07:28:53	13AlpAri	50	43561
30-JUN-2010 07:33:50	92AlpCet	94	43561
30-JUN-2010 07:42:29	DSA1066	0	43561
30-JUN-2010 07:52:58	AlpPhe	84	43562
30-JUN-2010 07:59:28	BetGru	63	43562
30-JUN-2010 08:01:25	AlpGru	31	43562
30-JUN-2010 08:03:53	AlpPav	45	43562
30-JUN-2010 08:13:25	38ZetSgr	103	43562
30-JUN-2010 08:14:40	34SigSgr	57	43562
30-JUN-2010 08:16:12	41PiSgr	155	43562

30-JUN-2010 08:24:36	60BetOph	126	43562
30-JUN-2010 08:26:57	55AlpOph	59	43562
30-JUN-2010 08:28:53	17ZetAql	168	43562
30-JUN-2010 08:35:52	3AlpLyr	5	43562
30-JUN-2010 08:38:25	23BetDra	130	43562
30-JUN-2010 08:47:27	5AlpCep	89	43562
30-JUN-2010 08:54:46	11BetCas	74	43562
30-JUN-2010 08:56:27	18AlpCas	68	43562
30-JUN-2010 08:59:17	23GamPer	160	43562
30-JUN-2010 09:02:42	57Gam1And	73	43562
30-JUN-2010 09:05:18	4BetTri	173	43562
30-JUN-2010 09:09:30	13AlpAri	50	43562
30-JUN-2010 09:14:26	92AlpCet	94	43562
30-JUN-2010 09:23:06	DSA1066	0	43562
30-JUN-2010 09:33:35	AlpPhe	84	43563
30-JUN-2010 09:40:05	BetGru	63	43563
30-JUN-2010 09:42:02	AlpGru	31	43563
30-JUN-2010 09:44:30	AlpPav	45	43563
30-JUN-2010 09:54:02	38ZetSgr	103	43563
30-JUN-2010 09:55:17	34SigSgr	57	43563
30-JUN-2010 09:56:49	41PiSgr	155	43563
30-JUN-2010 10:05:12	60BetOph	126	43563
30-JUN-2010 10:07:33	55AlpOph	59	43563
30-JUN-2010 10:09:29	17ZetAql	168	43563
30-JUN-2010 10:16:28	3AlpLyr	5	43563
30-JUN-2010 10:19:01	23BetDra	130	43563
30-JUN-2010 10:28:02	5AlpCep	89	43563
30-JUN-2010 10:35:21	11BetCas	74	43563
30-JUN-2010 10:37:02	18AlpCas	68	43563
30-JUN-2010 10:39:53	23GamPer	160	43563
30-JUN-2010 10:43:17	57Gam1And	73	43563
30-JUN-2010 10:45:54	4BetTri	173	43563
30-JUN-2010 10:50:06	13AlpAri	50	43563
30-JUN-2010 10:55:03	92AlpCet	94	43563
30-JUN-2010 11:03:43	DSA1066	0	43563
30-JUN-2010 11:14:12	AlpPhe	84	43564
30-JUN-2010 11:20:42	BetGru	63	43564
30-JUN-2010 11:22:39	AlpGru	31	43564
30-JUN-2010 11:25:06	AlpPav	45	43564
30-JUN-2010 11:34:38	38ZetSgr	103	43564
30-JUN-2010 11:37:25	41PiSgr	155	43564
30-JUN-2010 11:45:48	60BetOph	126	43564
30-JUN-2010 11:48:08	55AlpOph	59	43564
30-JUN-2010 11:50:04	17ZetAql	168	43564
30-JUN-2010 11:57:03	3AlpLyr	5	43564
30-JUN-2010 11:59:37	23BetDra	130	43564
30-JUN-2010 12:08:37	5AlpCep	89	43564
30-JUN-2010 12:15:57	11BetCas	74	43564
30-JUN-2010 12:17:38	18AlpCas	68	43564
30-JUN-2010 12:20:29	23GamPer	160	43564
30-JUN-2010 12:23:53	57Gam1And	73	43564
30-JUN-2010 12:26:30	4BetTri	173	43564
30-JUN-2010 12:30:42	13AlpAri	50	43564
30-JUN-2010 12:35:39	92AlpCet	94	43564
30-JUN-2010 12:44:20	DSA1066	0	43564
30-JUN-2010 12:54:49	AlpPhe	84	43565
30-JUN-2010 13:01:19	BetGru	63	43565
30-JUN-2010 13:03:16	AlpGru	31	43565
30-JUN-2010 13:05:43	AlpPav	45	43565

30-JUN-2010 13:15:14	38ZetSgr	103	43565
30-JUN-2010 13:18:01	41PiSgr	155	43565
30-JUN-2010 13:26:24	60BetOph	126	43565
30-JUN-2010 13:28:44	55AlpOph	59	43565
30-JUN-2010 13:30:40	17ZetAql	168	43565
30-JUN-2010 13:37:39	3AlpLyr	5	43565
30-JUN-2010 13:40:12	23BetDra	130	43565
30-JUN-2010 13:49:12	5AlpCep	89	43565
30-JUN-2010 13:56:32	11BetCas	74	43565
30-JUN-2010 13:58:13	18AlpCas	68	43565
30-JUN-2010 14:01:05	23GamPer	160	43565
30-JUN-2010 14:04:29	57Gam1And	73	43565
30-JUN-2010 14:07:06	4BetTri	173	43565
30-JUN-2010 14:11:18	13AlpAri	50	43565
30-JUN-2010 14:16:15	92AlpCet	94	43565
30-JUN-2010 14:24:56	DSA1066	0	43565
30-JUN-2010 14:35:26	AlpPhe	84	43566
30-JUN-2010 14:41:56	BetGru	63	43566
30-JUN-2010 14:43:53	AlpGru	31	43566
30-JUN-2010 14:46:19	AlpPav	45	43566
30-JUN-2010 14:55:50	38ZetSgr	103	43566
30-JUN-2010 14:58:37	41PiSgr	155	43566
30-JUN-2010 15:07:00	60BetOph	126	43566
30-JUN-2010 15:09:20	55AlpOph	59	43566
30-JUN-2010 15:11:15	17ZetAql	168	43566
30-JUN-2010 15:18:14	3AlpLyr	5	43566
30-JUN-2010 15:20:48	23BetDra	130	43566
30-JUN-2010 15:22:49	18DelCyg	144	43566
30-JUN-2010 15:29:48	5AlpCep	89	43566
30-JUN-2010 15:37:08	11BetCas	74	43566
30-JUN-2010 15:38:49	18AlpCas	68	43566
30-JUN-2010 15:41:41	23GamPer	160	43566
30-JUN-2010 15:45:05	57Gam1And	73	43566
30-JUN-2010 15:47:42	4BetTri	173	43566
30-JUN-2010 15:51:55	13AlpAri	50	43566
30-JUN-2010 15:56:52	92AlpCet	94	43566
30-JUN-2010 16:05:33	DSA1066	0	43566
30-JUN-2010 16:16:03	AlpPhe	84	43567
30-JUN-2010 16:22:33	BetGru	63	43567
30-JUN-2010 16:24:30	AlpGru	31	43567
30-JUN-2010 16:26:55	AlpPav	45	43567
30-JUN-2010 16:36:26	38ZetSgr	103	43567
30-JUN-2010 16:39:13	41PiSgr	155	43567
30-JUN-2010 16:47:36	60BetOph	126	43567
30-JUN-2010 16:49:56	55AlpOph	59	43567
30-JUN-2010 16:51:50	17ZetAql	168	43567
30-JUN-2010 16:58:49	3AlpLyr	5	43567
30-JUN-2010 17:01:24	23BetDra	130	43567
30-JUN-2010 17:03:24	18DelCyg	144	43567
30-JUN-2010 17:10:23	5AlpCep	89	43567
30-JUN-2010 17:17:43	11BetCas	74	43567
30-JUN-2010 17:19:24	18AlpCas	68	43567
30-JUN-2010 17:22:17	23GamPer	160	43567
30-JUN-2010 17:25:41	57Gam1And	73	43567
30-JUN-2010 17:28:18	4BetTri	173	43567
30-JUN-2010 17:32:31	13AlpAri	50	43567
30-JUN-2010 17:37:28	92AlpCet	94	43567
30-JUN-2010 17:46:10	DSA1066	0	43567
30-JUN-2010 17:56:40	AlpPhe	84	43568

30-JUN-2010 18:03:10	BetGru	63	43568
30-JUN-2010 18:05:06	AlpGru	31	43568
30-JUN-2010 18:07:32	AlpPav	45	43568
30-JUN-2010 18:17:03	38ZetSgr	103	43568
30-JUN-2010 18:19:49	41PiSgr	155	43568
30-JUN-2010 18:28:12	60BetOph	126	43568
30-JUN-2010 18:30:32	55AlpOph	59	43568
30-JUN-2010 18:32:26	17ZetAql	168	43568
30-JUN-2010 18:39:25	3AlpLyr	5	43568
30-JUN-2010 18:42:00	23BetDra	130	43568
30-JUN-2010 18:43:59	18DelCyg	144	43568
30-JUN-2010 18:50:58	5AlpCep	89	43568
30-JUN-2010 18:58:18	11BetCas	74	43568
30-JUN-2010 19:00:00	18AlpCas	68	43568
30-JUN-2010 19:02:53	23GamPer	160	43568
30-JUN-2010 19:06:17	57Gam1And	73	43568
30-JUN-2010 19:08:54	4BetTri	173	43568
30-JUN-2010 19:13:07	13AlpAri	50	43568
30-JUN-2010 19:18:05	92AlpCet	94	43568
30-JUN-2010 19:26:47	DSA1066	0	43568
30-JUN-2010 19:37:17	AlpPhe	84	43569
30-JUN-2010 19:43:46	BetGru	63	43569
30-JUN-2010 19:45:43	AlpGru	31	43569
30-JUN-2010 19:48:08	AlpPav	45	43569

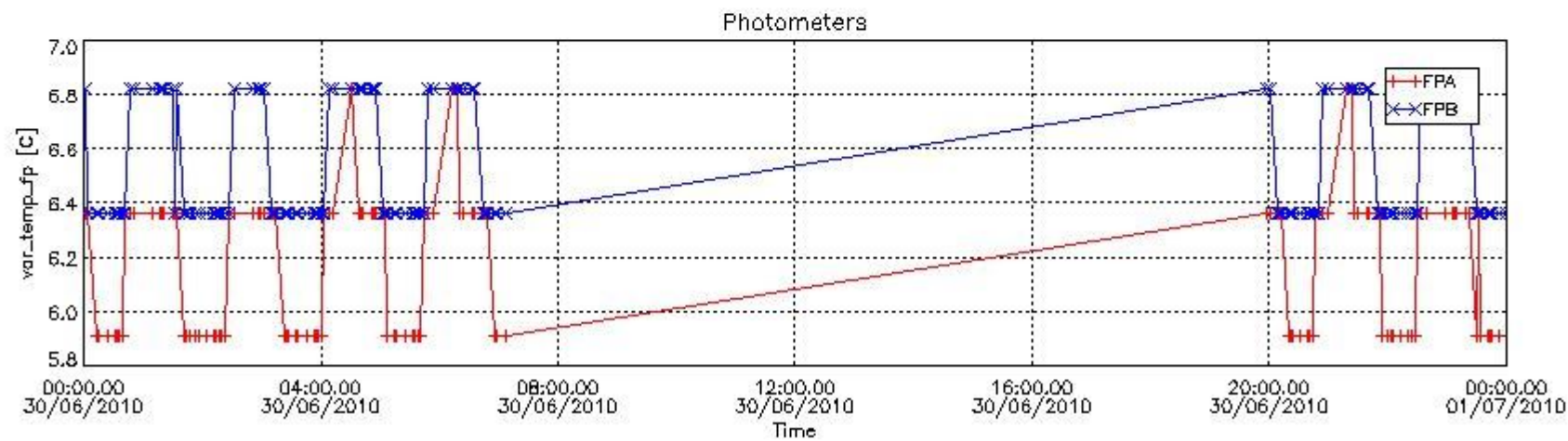
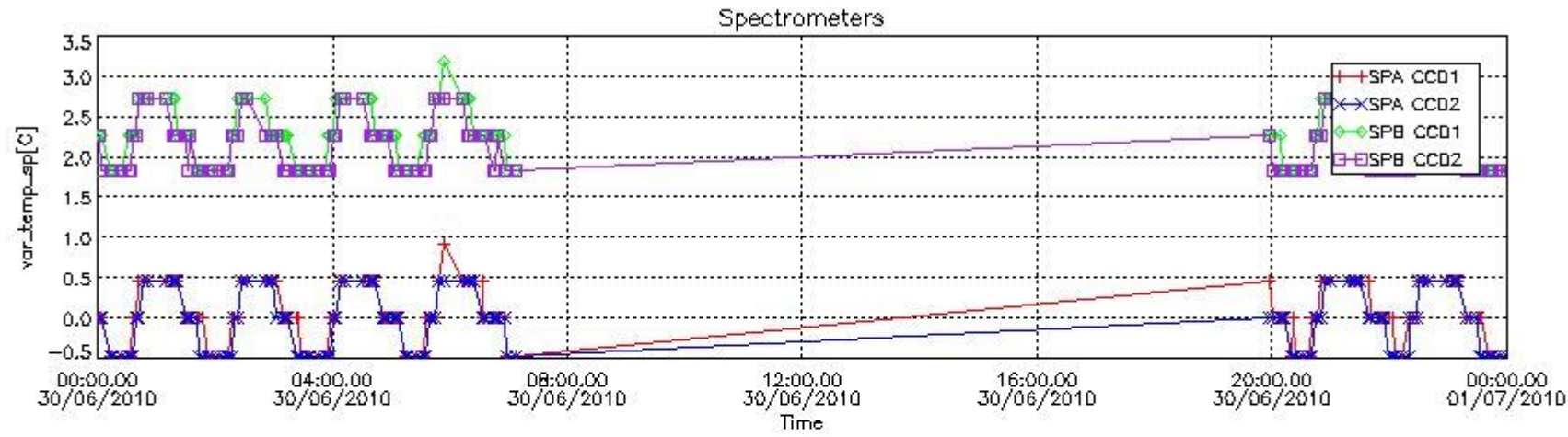
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100630_000128_000000372090_00417_43557_3122.N1	30-JUN-2010 00:01:28	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	43557	No
2	GOM_TRA_1PNPDE20100630_000348_000000392090_00417_43557_3123.N1	30-JUN-2010 00:03:48	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43557	No
3	GOM_TRA_1PNPDE20100630_001246_000000442090_00417_43557_3124.N1	30-JUN-2010 00:12:46	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	43557	No
4	GOM_TRA_1PNPDE20100630_001517_000000362090_00417_43557_3125.N1	30-JUN-2010 00:15:17	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	43557	No
5	GOM_TRA_1PNPDE20100630_002421_000000462090_00417_43557_3126.N1	30-JUN-2010 00:24:21	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43557	No
6	GOM_TRA_1PNPDE20100630_003139_000000692090_00417_43557_3127.N1	30-JUN-2010 00:31:39	Bright	69.000	74	11Bet Cas	2.2680	6600.0	138	43557	No
7	GOM_TRA_1PNPDE20100630_003320_000000462090_00417_43557_3128.N1	30-JUN-2010 00:33:20	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	43557	No
8	GOM_TRA_1PNPDE20100630_003609_000000362090_00417_43557_3129.N1	30-JUN-2010 00:36:09	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	43557	No
9	GOM_TRA_1PNPDE20100630_003933_000000642090_00417_43557_3130.N1	30-JUN-2010 00:39:33	Bright	64.000	73	57Gam1And	2.2600	13100.	128	43557	No
10	GOM_TRA_1PNPDE20100630_004209_000000482090_00417_43557_3131.N1	30-JUN-2010 00:42:09	Twilight	47.500	173	4Bet Tri	3.0040	8900.0	95	43557	No
11	GOM_TRA_1PNPDE20100630_004619_000000572090_00417_43557_3132.N1	30-JUN-2010 00:46:19	Dark	56.500	50	13Alp Ari	2.0070	4250.0	113	43557	No
12	GOM_TRA_1PNPDE20100630_005115_000000472090_00417_43557_3133.N1	30-JUN-2010 00:51:15	Dark	47.000	94	92Alp Cet	2.5260	3100.0	94	43557	No
13	GOM_TRA_1PNPDE20100630_011021_000000522090_00418_43558_3156.N1	30-JUN-2010 01:10:21	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	43558	No
14	GOM_TRA_1PNPDE20100630_011651_000000532090_00418_43558_3157.N1	30-JUN-2010 01:16:51	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	43558	No
15	GOM_TRA_1PNPDE20100630_011849_000000492090_00418_43558_3158.N1	30-JUN-2010 01:18:49	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43558	No
16	GOM_TRA_1PNPDE20100630_012118_000000442090_00418_43558_3159.N1	30-JUN-2010 01:21:18	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	43558	No
17	GOM_TRA_1PNPDE20100630_013011_000000462090_00418_43558_3160.N1	30-JUN-2010 01:30:11	Twilight	46.000	38	20Eps Sgr	1.8360	11000.	92	43558	No
18	GOM_TRA_1PNPDE20100630_013133_000000512090_00418_43558_3161.N1	30-JUN-2010 01:31:33	Bright	50.500	116	19Del Sgr	2.7000	4100.0	101	43558	No
19	GOM_TRA_1PNPDE20100630_013339_000000482090_00418_43558_3162.N1	30-JUN-2010 01:33:39	Bright	48.000	155	41Pi Sgr	2.9000	6600.0	96	43558	No
20	GOM_TRA_1PNPDE20100630_014203_000000382090_00418_43558_3163.N1	30-JUN-2010 01:42:03	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	43558	No
21	GOM_TRA_1PNPDE20100630_014424_000000372090_00418_43558_3164.N1	30-JUN-2010 01:44:24	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	43558	No
22	GOM_TRA_1PNPDE20100630_014623_000000282090_00418_43558_3165.N1	30-JUN-2010 01:46:23	Twilight	28.000	168	17Zet Aql	2.9860	11000.	56	43558	No
23	GOM_TRA_1PNPDE20100630_015321_000000422090_00418_43558_3166.N1	30-JUN-2010 01:53:21	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43558	No
24	GOM_TRA_1PNPDE20100630_015553_000000372090_00418_43558_3167.N1	30-JUN-2010 01:55:53	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	43558	No
25	GOM_TRA_1PNPDE20100630_020456_000000482090_00418_43558_3168.N1	30-JUN-2010 02:04:56	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43558	No
26	GOM_TRA_1PNPDE20100630_021215_000000482090_00418_43558_3169.N1	30-JUN-2010 02:12:15	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	43558	No
27	GOM_TRA_1PNPDE20100630_021355_000000482090_00418_43558_3170.N1	30-JUN-2010 02:13:55	Bright	48.000	68	18Alp Cas	2.2250	4500.0	96	43558	No
28	GOM_TRA_1PNPDE20100630_021644_000000412090_00418_43558_3171.N1	30-JUN-2010 02:16:44	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	43558	No
29	GOM_TRA_1PNPDE20100630_022009_000000502090_00418_43558_3172.N1	30-JUN-2010 02:20:09	Bright	49.500	73	57Gam1And	2.2600	13100.	99	43558	No
30	GOM_TRA_1PNPDE20100630_022245_000000482090_00418_43558_3173.N1	30-JUN-2010 02:22:45	Twilight	48.000	173	4Bet Tri	3.0040	8900.0	96	43558	No

31	GOM_TRA_1PNPDE20100630_022655_000000572090_00418_43558_3174.N1	30-JUN-2010 02:26:55	Dark	57.000	50	13Alp Ari	2.0070	4250.0	114	43558	No
32	GOM_TRA_1PNPDE20100630_023152_000000482090_00418_43558_3175.N1	30-JUN-2010 02:31:52	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	43558	No
33	GOM_TRA_1PNPDE20100630_025058_000000582090_00419_43559_3176.N1	30-JUN-2010 02:50:58	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	43559	No
34	GOM_TRA_1PNPDE20100630_025728_000000632090_00419_43559_3177.N1	30-JUN-2010 02:57:28	Straylight	63.000	63	Bet Gru	2.1500	2800.0	126	43559	No
35	GOM_TRA_1PNPDE20100630_025925_000000522090_00419_43559_3178.N1	30-JUN-2010 02:59:25	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	43559	No
36	GOM_TRA_1PNPDE20100630_030155_000000452090_00419_43559_3179.N1	30-JUN-2010 03:01:55	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	43559	No
37	GOM_TRA_1PNPDE20100630_031047_000000442090_00419_43559_3180.N1	30-JUN-2010 03:10:47	Tw_i_and_stray	43.500	38	20Eps Sgr	1.8360	11000.	87	43559	No
38	GOM_TRA_1PNPDE20100630_031209_000000512090_00419_43559_3181.N1	30-JUN-2010 03:12:09	Bright	50.500	116	19Del Sgr	2.7000	4100.0	101	43559	No
39	GOM_TRA_1PNPDE20100630_031415_000000472090_00419_43559_3182.N1	30-JUN-2010 03:14:15	Bright	47.000	155	41Pi Sgr	2.9000	6600.0	94	43559	No
40	GOM_TRA_1PNPDE20100630_032239_000000382090_00419_43559_3183.N1	30-JUN-2010 03:22:39	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	43559	No
41	GOM_TRA_1PNPDE20100630_032500_000000382090_00419_43559_3184.N1	30-JUN-2010 03:25:00	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	43559	No
42	GOM_TRA_1PNPDE20100630_032658_000000282090_00419_43559_3185.N1	30-JUN-2010 03:26:58	Tw_i_and_stray	28.000	168	17Zet Aql	2.9860	11000.	56	43559	No
43	GOM_TRA_1PNPDE20100630_033357_000000462090_00419_43559_3186.N1	30-JUN-2010 03:33:57	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	43559	No
44	GOM_TRA_1PNPDE20100630_033629_000000412090_00419_43559_3187.N1	30-JUN-2010 03:36:29	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	43559	No
45	GOM_TRA_1PNPDE20100630_034531_000000452090_00419_43559_3193.N1	30-JUN-2010 03:45:31	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43559	No
46	GOM_TRA_1PNPDE20100630_035250_000000502090_00419_43559_3194.N1	30-JUN-2010 03:52:50	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	43559	No
47	GOM_TRA_1PNPDE20100630_035431_000000492090_00419_43559_3195.N1	30-JUN-2010 03:54:31	Bright	48.500	68	18Alp Cas	2.2250	4500.0	97	43559	No
48	GOM_TRA_1PNPDE20100630_035720_000000362090_00419_43559_3196.N1	30-JUN-2010 03:57:20	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	43559	No
49	GOM_TRA_1PNPDE20100630_040045_000000512090_00419_43559_3197.N1	30-JUN-2010 04:00:45	Bright	51.000	73	57Gam1And	2.2600	13100.	102	43559	No
50	GOM_TRA_1PNPDE20100630_040320_000000472090_00419_43559_3198.N1	30-JUN-2010 04:03:20	Tw_i_and_stray	46.500	173	4Bet Tri	3.0040	8900.0	93	43559	No
51	GOM_TRA_1PNPDE20100630_040731_000000602090_00419_43559_3199.N1	30-JUN-2010 04:07:31	Dark	60.000	50	13Alp Ari	2.0070	4250.0	120	43559	No
52	GOM_TRA_1PNPDE20100630_041228_000000472090_00419_43559_3200.N1	30-JUN-2010 04:12:28	Dark	47.000	94	92Alp Cet	2.5260	3100.0	94	43559	No
53	GOM_TRA_1PNPDE20100630_043135_000000472090_00420_43560_3201.N1	30-JUN-2010 04:31:35	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43560	No
54	GOM_TRA_1PNPDE20100630_043805_000000522090_00420_43560_3202.N1	30-JUN-2010 04:38:05	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	43560	No
55	GOM_TRA_1PNPDE20100630_044002_000000482090_00420_43560_3203.N1	30-JUN-2010 04:40:02	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43560	No
56	GOM_TRA_1PNPDE20100630_044231_000000422090_00420_43560_3204.N1	30-JUN-2010 04:42:31	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43560	No
57	GOM_TRA_1PNPDE20100630_045204_000000462090_00420_43560_3205.N1	30-JUN-2010 04:52:04	Tw_i_and_stray	45.500	103	38Zet Sgr	2.6000	9700.0	91	43560	No
58	GOM_TRA_1PNPDE20100630_045319_000000482090_00420_43560_3206.N1	30-JUN-2010 04:53:19	Bright	47.500	57	34Sig Sgr	2.0660	26000.	95	43560	No
59	GOM_TRA_1PNPDE20100630_045451_000000472090_00420_43560_3207.N1	30-JUN-2010 04:54:51	Bright	47.000	155	41Pi Sgr	2.9000	6600.0	94	43560	No
60	GOM_TRA_1PNPDE20100630_050315_000000382090_00420_43560_3208.N1	30-JUN-2010 05:03:15	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	43560	No
61	GOM_TRA_1PNPDE20100630_050536_000000392090_00420_43560_3209.N1	30-JUN-2010 05:05:36	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43560	No
62	GOM_TRA_1PNPDE20100630_050733_000000352090_00420_43560_3210.N1	30-JUN-2010 05:07:33	Tw_i_and_stray	35.000	168	17Zet Aql	2.9860	11000.	70	43560	No
63	GOM_TRA_1PNPDE20100630_051432_000000472090_00420_43560_3211.N1	30-JUN-2010 05:14:32	Bright	47.000	5	3Alp Lyr	0.033000	11000.	94	43560	No
64	GOM_TRA_1PNPDE20100630_051705_000000392090_00420_43560_3212.N1	30-JUN-2010 05:17:05	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	43560	No
65	GOM_TRA_1PNPDE20100630_052607_000000462090_00420_43560_3213.N1	30-JUN-2010 05:26:07	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	43560	No
66	GOM_TRA_1PNPDE20100630_053326_000000502090_00420_43560_3223.N1	30-JUN-2010 05:33:26	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	43560	No
67	GOM_TRA_1PNPDE20100630_053506_000000692090_00420_43560_3224.N1	30-JUN-2010 05:35:06	Bright	69.000	68	18Alp Cas	2.2250	4500.0	138	43560	No
68	GOM_TRA_1PNPDE20100630_053756_000000372090_00420_43560_3225.N1	30-JUN-2010 05:37:56	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	43560	No
69	GOM_TRA_1PNPDE20100630_054121_000000532090_00420_43560_3226.N1	30-JUN-2010 05:41:21	Bright	52.500	73	57Gam1And	2.2600	13100.	105	43560	No
70	GOM_TRA_1PNPDE20100630_054356_000000502090_00420_43560_3227.N1	30-JUN-2010 05:43:56	Tw_i_and_stray	49.500	173	4Bet Tri	3.0040	8900.0	99	43560	No
71	GOM_TRA_1PNPDE20100630_054808_000000592090_00420_43560_3228.N1	30-JUN-2010 05:48:08	Dark	59.000	50	13Alp Ari	2.0070	4250.0	118	43560	No
72	GOM_TRA_1PNPDE20100630_055304_000000442090_00420_43560_3229.N1	30-JUN-2010 05:53:04	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	43560	No
73	GOM_TRA_1PNPDE20100630_061212_000000512090_00421_43561_3230.N1	30-JUN-2010 06:12:12	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43561	No
74	GOM_TRA_1PNPDE20100630_061842_000000552090_00421_43561_3231.N1	30-JUN-2010 06:18:42	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	43561	No
75	GOM_TRA_1PNPDE20100630_062039_000000502090_00421_43561_3232.N1	30-JUN-2010 06:20:39	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43561	No
76	GOM_TRA_1PNPDE20100630_062308_000000412090_00421_43561_3233.N1	30-JUN-2010 06:23:08	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43561	No
77	GOM_TRA_1PNPDE20100630_063240_000000462090_00421_43561_3234.N1	30-JUN-2010 06:32:40	Tw_i_and_stray	45.500	103	38Zet Sgr	2.6000	9700.0	91	43561	No
78	GOM_TRA_1PNPDE20100630_063355_000000442090_00421_43561_3235.N1	30-JUN-2010 06:33:55	Bright	44.000	57	34Sig Sgr	2.0660	26000.	88	43561	No
79	GOM_TRA_1PNPDE20100630_063527_000000472090_00421_43561_3236.N1	30-JUN-2010 06:35:27	Bright	47.000	155	41Pi Sgr	2.9000	6600.0	94	43561	No
80	GOM_TRA_1PNPDE20100630_064351_000000392090_00421_43561_3237.N1	30-JUN-2010 06:43:51	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	43561	No
81	GOM_TRA_1PNPDE20100630_064611_000000382090_00421_43561_3238.N1	30-JUN-2010 06:46:11	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	43561	No
82	GOM_TRA_1PNPDE20100630_064809_000000352090_00421_43561_3239.N1	30-JUN-2010 06:48:09	Tw_i_and_stray	35.000	168	17Zet Aql	2.9860	11000.	70	43561	No
83	GOM_TRA_1PNPDE20100630_065507_000000492090_00421_43561_3240.N1	30-JUN-2010 06:55:07	Bright	49.000	5	3Alp Lyr	0.033000	11000.	98	43561	No
84	GOM_TRA_1PNPDE20100630_065740_000000392090_00421_43561_3241.N1	30-JUN-2010 06:57:40	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	43561	No
85	GOM_TRA_1PNPDE20100630_070642_000000462090_00421_43561_3242.N1	30-JUN-2010 07:06:42	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43561	No
86	GOM_TRA_1PNPDE20100630_195730_000000492090_00429_43569_3330.N1	30-JUN-2010 19:57:30	Tw_i_and_stray	49.000	103	38Zet Sgr	2.6000	9700.0	98	43569	No
87	GOM_TRA_1PNPDE20100630_200016_000000462090_00429_43569_3331.N1	30-JUN-2010 20:00:16	Bright	45.500	155	41Pi Sgr	2.9000	6600.0	91	43569	No
88	GOM_TRA_1PNPDE20100630_200839_000000392090_00429_43569_3332.N1	30-JUN-2010 20:08:39	Bright	38.500	126	60Bet Oph	2.7700	4250.0	77	43569	No
89	GOM_TRA_1PNPDE20100630_201059_000000402090_00429_43569_3333.N1	30-JUN-2010 20:10:59	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	43569	No

90	GOM_TRA_1PNPDE20100630_201252_000000502090_00429_43569_3334.N1	30-JUN-2010 20:12:52	Bright	49.500	168	17Zet Aql	2.9860	11000.	99	43569	No
91	GOM_TRA_1PNPDE20100630_201951_000000492090_00429_43569_3335.N1	30-JUN-2010 20:19:51	Bright	48.500	5	3Alp Lyr	0.033000	11000.	97	43569	No
92	GOM_TRA_1PNPDE20100630_202226_000000392090_00429_43569_3336.N1	30-JUN-2010 20:22:26	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	43569	No
93	GOM_TRA_1PNPDE20100630_202424_000000312090_00429_43569_3337.N1	30-JUN-2010 20:24:24	Twilight	31.000	144	18Del Cyg	2.8600	11000.	62	43569	No
94	GOM_TRA_1PNPDE20100630_203124_000000472090_00429_43569_3338.N1	30-JUN-2010 20:31:24	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	43569	No
95	GOM_TRA_1PNPDE20100630_203845_000000492090_00429_43569_3339.N1	30-JUN-2010 20:38:45	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	43569	No
96	GOM_TRA_1PNPDE20100630_204026_000000502090_00429_43569_3340.N1	30-JUN-2010 20:40:26	Bright	49.500	68	18Alp Cas	2.2250	4500.0	99	43569	No
97	GOM_TRA_1PNPDE20100630_204319_000000362090_00429_43569_3341.N1	30-JUN-2010 20:43:19	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	43569	No
98	GOM_TRA_1PNPDE20100630_204643_000000482090_00429_43569_3342.N1	30-JUN-2010 20:46:43	Bright	48.000	73	57Gam1And	2.2600	13100.	96	43569	No
99	GOM_TRA_1PNPDE20100630_204921_000000502090_00429_43569_3343.N1	30-JUN-2010 20:49:21	Twilight	49.500	173	4Bet Tri	3.0040	8900.0	99	43569	No
100	GOM_TRA_1PNPDE20100630_205334_000000572090_00429_43569_3344.N1	30-JUN-2010 20:53:34	Dark	56.500	50	13Alp Ari	2.0070	4250.0	113	43569	No
101	GOM_TRA_1PNPDE20100630_205831_000000552090_00429_43569_3349.N1	30-JUN-2010 20:58:31	Dark	54.500	94	92Alp Cet	2.5260	3100.0	109	43569	Yes
102	GOM_TRA_1PNPDE20100630_211745_000000582090_00430_43570_3350.N1	30-JUN-2010 21:17:45	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	43570	No
103	GOM_TRA_1PNPDE20100630_212414_000000622090_00430_43570_3351.N1	30-JUN-2010 21:24:14	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	43570	No
104	GOM_TRA_1PNPDE20100630_212611_000000482090_00430_43570_3352.N1	30-JUN-2010 21:26:11	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43570	No
105	GOM_TRA_1PNPDE20100630_212836_000000412090_00430_43570_3353.N1	30-JUN-2010 21:28:36	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	43570	No
106	GOM_TRA_1PNPDE20100630_213806_000000472090_00430_43570_3354.N1	30-JUN-2010 21:38:06	Twilight	46.500	103	38Zet Sgr	2.6000	9700.0	93	43570	No
107	GOM_TRA_1PNPDE20100630_214052_000000462090_00430_43570_3355.N1	30-JUN-2010 21:40:52	Bright	46.000	155	41Pi Sgr	2.9000	6600.0	92	43570	No
108	GOM_TRA_1PNPDE20100630_214914_000000382090_00430_43570_3356.N1	30-JUN-2010 21:49:14	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	43570	No
109	GOM_TRA_1PNPDE20100630_215134_000000382090_00430_43570_3357.N1	30-JUN-2010 21:51:34	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	43570	No
110	GOM_TRA_1PNPDE20100630_215327_000000482090_00430_43570_3358.N1	30-JUN-2010 21:53:27	Bright	48.000	168	17Zet Aql	2.9860	11000.	96	43570	No
111	GOM_TRA_1PNPDE20100630_220026_000000412090_00430_43570_3359.N1	30-JUN-2010 22:00:26	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43570	No
112	GOM_TRA_1PNPDE20100630_220302_000000352090_00430_43570_3360.N1	30-JUN-2010 22:03:02	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	43570	No
113	GOM_TRA_1PNPDE20100630_220459_000000352090_00430_43570_3361.N1	30-JUN-2010 22:04:59	Twilight	35.000	144	18Del Cyg	2.8600	11000.	70	43570	No
114	GOM_TRA_1PNPDE20100630_221159_000000472090_00430_43570_3362.N1	30-JUN-2010 22:11:59	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43570	No
115	GOM_TRA_1PNPDE20100630_221920_000000492090_00430_43570_3363.N1	30-JUN-2010 22:19:20	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	43570	No
116	GOM_TRA_1PNPDE20100630_222101_000000482090_00430_43570_3364.N1	30-JUN-2010 22:21:01	Bright	48.000	68	18Alp Cas	2.2250	4500.0	96	43570	No
117	GOM_TRA_1PNPDE20100630_222355_000000382090_00430_43570_3365.N1	30-JUN-2010 22:23:55	Bright	38.000	160	23Gam Per	2.9300	4700.0	76	43570	No
118	GOM_TRA_1PNPDE20100630_222719_000000492090_00430_43570_3366.N1	30-JUN-2010 22:27:19	Bright	48.500	73	57Gam1And	2.2600	13100.	97	43570	No
119	GOM_TRA_1PNPDE20100630_222957_000000492090_00430_43570_3367.N1	30-JUN-2010 22:29:57	Twilight	49.000	173	4Bet Tri	3.0040	8900.0	98	43570	No
120	GOM_TRA_1PNPDE20100630_223410_000000572090_00430_43570_3368.N1	30-JUN-2010 22:34:10	Dark	56.500	50	13Alp Ari	2.0070	4250.0	113	43570	No
121	GOM_TRA_1PNPDE20100630_223908_000000482090_00430_43570_3369.N1	30-JUN-2010 22:39:08	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	43570	No
122	GOM_TRA_1PNPDE20100630_225822_000000482090_00431_43571_3371.N1	30-JUN-2010 22:58:22	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	43571	No
123	GOM_TRA_1PNPDE20100630_230451_000000552090_00431_43571_3372.N1	30-JUN-2010 23:04:51	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	43571	No
124	GOM_TRA_1PNPDE20100630_230648_000000492090_00431_43571_3373.N1	30-JUN-2010 23:06:48	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43571	No
125	GOM_TRA_1PNPDE20100630_230912_000000432090_00431_43571_3374.N1	30-JUN-2010 23:09:12	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43571	No
126	GOM_TRA_1PNPDE20100630_231842_000000482090_00431_43571_3375.N1	30-JUN-2010 23:18:42	Twilight	47.500	103	38Zet Sgr	2.6000	9700.0	95	43571	No
127	GOM_TRA_1PNPDE20100630_232128_000000472090_00431_43571_3376.N1	30-JUN-2010 23:21:28	Bright	46.500	155	41Pi Sgr	2.9000	6600.0	93	43571	No
128	GOM_TRA_1PNPDE20100630_232951_000000372090_00431_43571_3377.N1	30-JUN-2010 23:29:51	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	43571	No
129	GOM_TRA_1PNPDE20100630_233210_000000382090_00431_43571_3378.N1	30-JUN-2010 23:32:10	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	43571	No
130	GOM_TRA_1PNPDE20100630_233403_000000512090_00431_43571_3379.N1	30-JUN-2010 23:34:03	Bright	50.500	168	17Zet Aql	2.9860	11000.	101	43571	No
131	GOM_TRA_1PNPDE20100630_234102_000000402090_00431_43571_3380.N1	30-JUN-2010 23:41:02	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43571	No
132	GOM_TRA_1PNPDE20100630_234337_000000402090_00431_43571_3381.N1	30-JUN-2010 23:43:37	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	43571	No
133	GOM_TRA_1PNPDE20100630_234534_000000352090_00431_43571_3382.N1	30-JUN-2010 23:45:34	Twilight	35.000	144	18Del Cyg	2.8600	11000.	70	43571	No
134	GOM_TRA_1PNPDE20100630_235235_000000482090_00431_43571_3383.N1	30-JUN-2010 23:52:35	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43571	No
135	GOM_TRA_1PNPDE20100630_235955_000000492090_00431_43571_3384.N1	30-JUN-2010 23:59:55	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	43571	No

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



4. Overview of dark signal processing per product

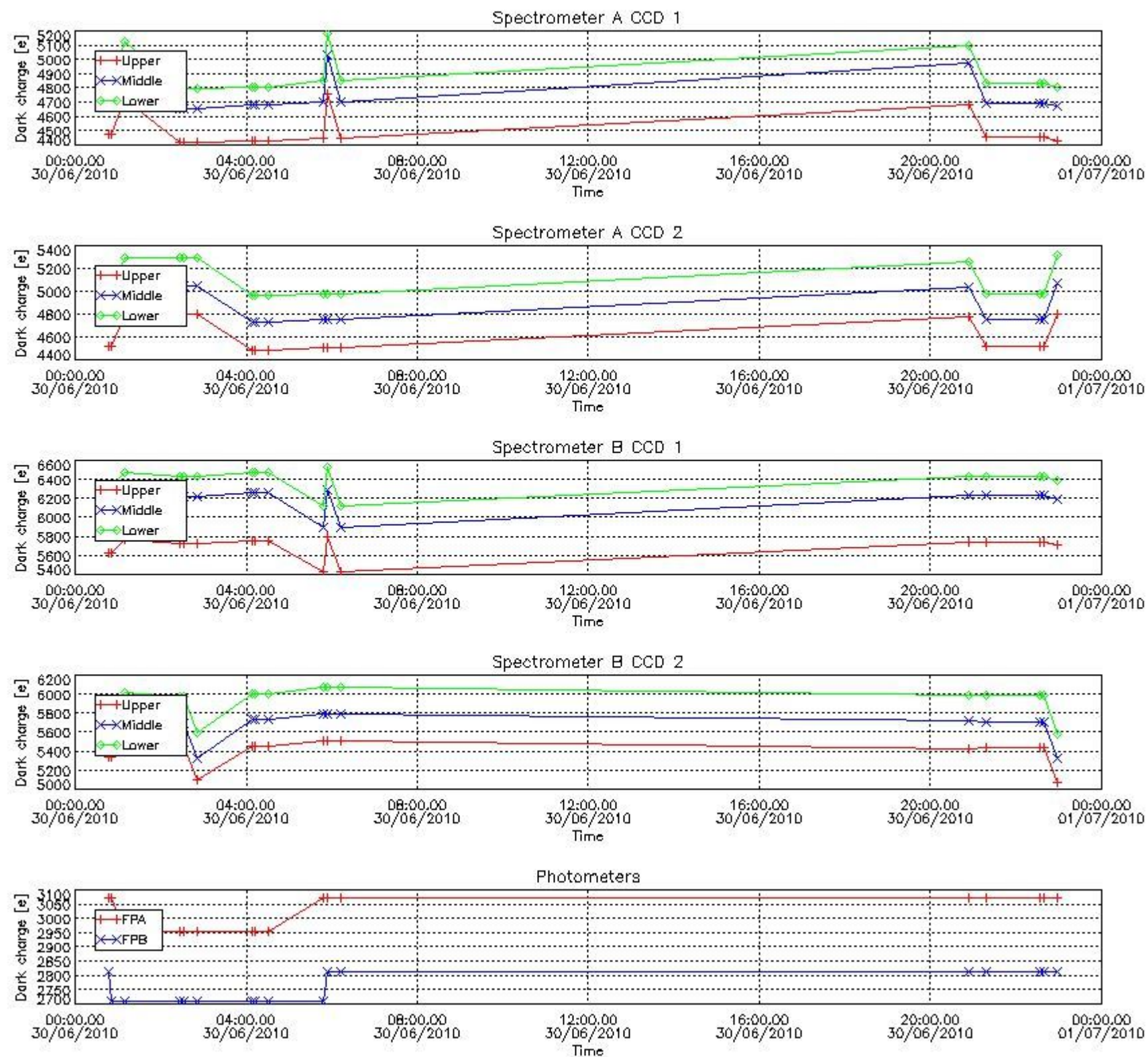
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100630_195730_000000492090_00429_43569_3330.N1	DC map used
GOM_TRA_1PNPDE20100630_200016_000000462090_00429_43569_3331.N1	DC map used
GOM_TRA_1PNPDE20100630_200839_000000392090_00429_43569_3332.N1	DC map used
GOM_TRA_1PNPDE20100630_201059_000000402090_00429_43569_3333.N1	DC map used
GOM_TRA_1PNPDE20100630_201252_000000502090_00429_43569_3334.N1	DC map used
GOM_TRA_1PNPDE20100630_201951_000000492090_00429_43569_3335.N1	DC map used
GOM_TRA_1PNPDE20100630_202226_000000392090_00429_43569_3336.N1	DC map used
GOM_TRA_1PNPDE20100630_202424_000000312090_00429_43569_3337.N1	DC map used
GOM_TRA_1PNPDE20100630_203124_000000472090_00429_43569_3338.N1	DC map used
GOM_TRA_1PNPDE20100630_203845_000000492090_00429_43569_3339.N1	DC map used
GOM_TRA_1PNPDE20100630_204026_000000502090_00429_43569_3340.N1	DC map used
GOM_TRA_1PNPDE20100630_204319_000000362090_00429_43569_3341.N1	DC map used
GOM_TRA_1PNPDE20100630_204643_000000482090_00429_43569_3342.N1	DC map used
GOM_TRA_1PNPDE20100630_204921_000000502090_00429_43569_3343.N1	DC map used

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



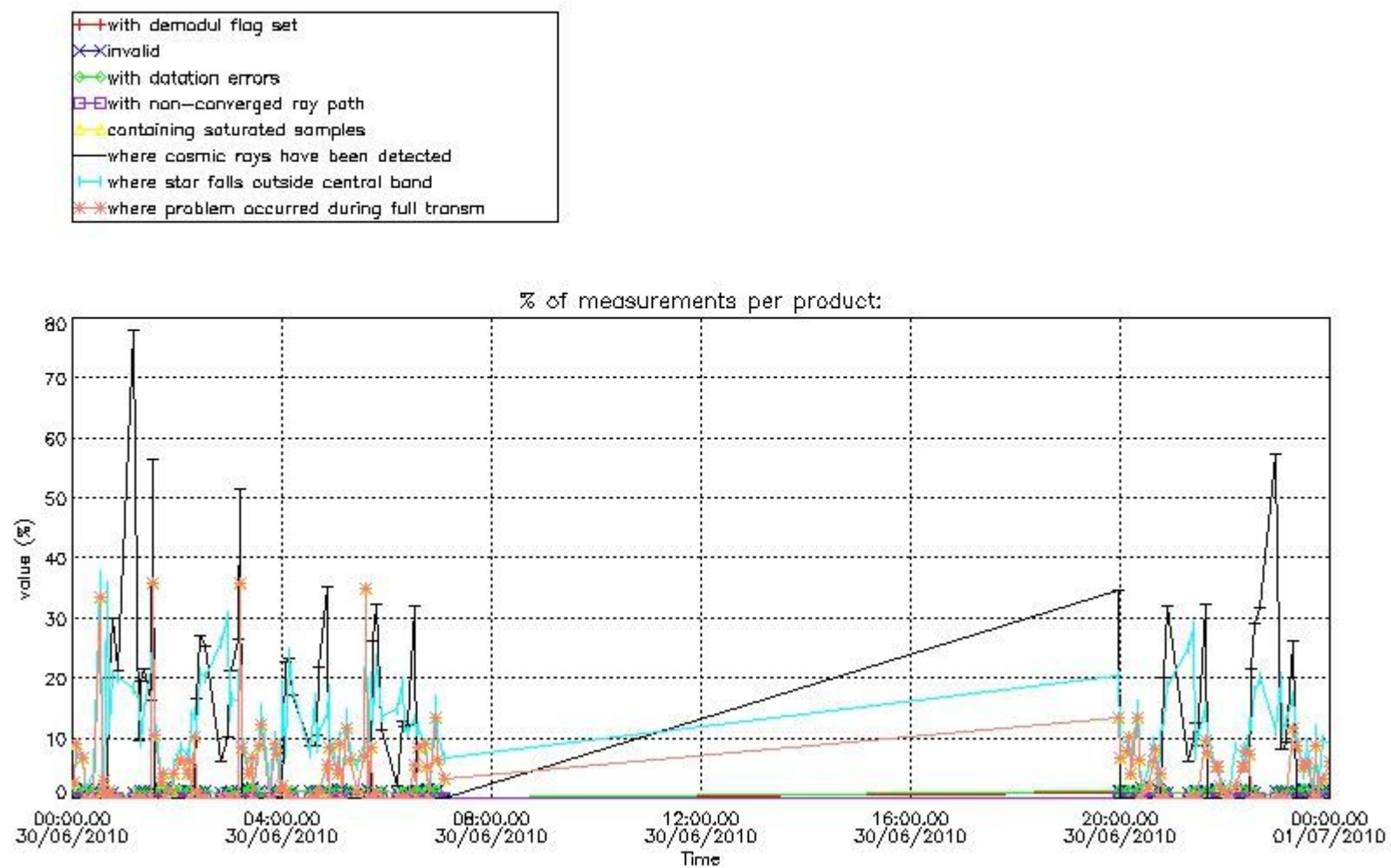
5. Demodulation flag and quality information monitoring

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.

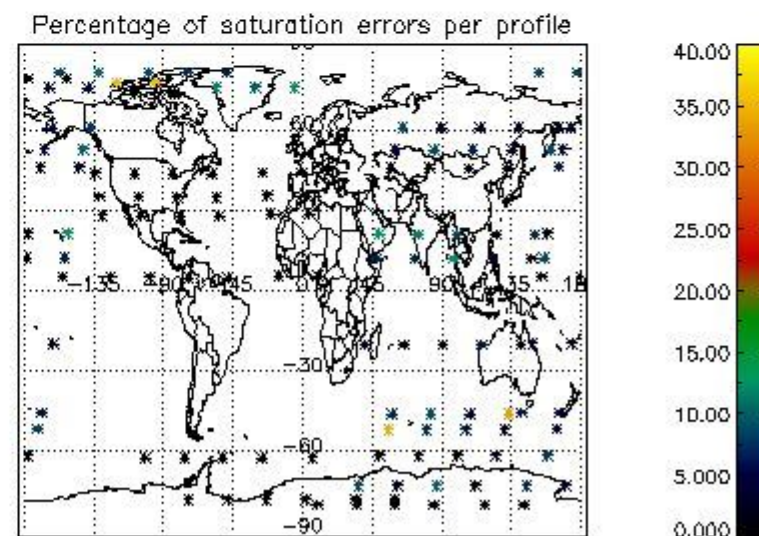
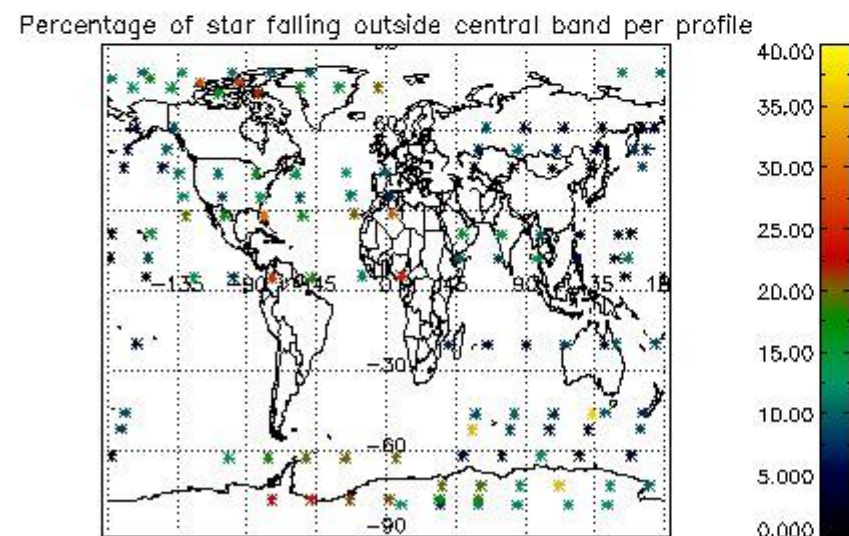
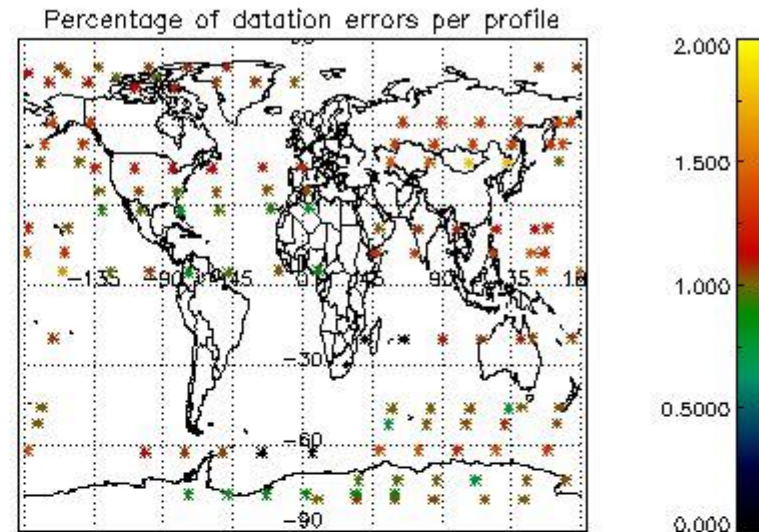
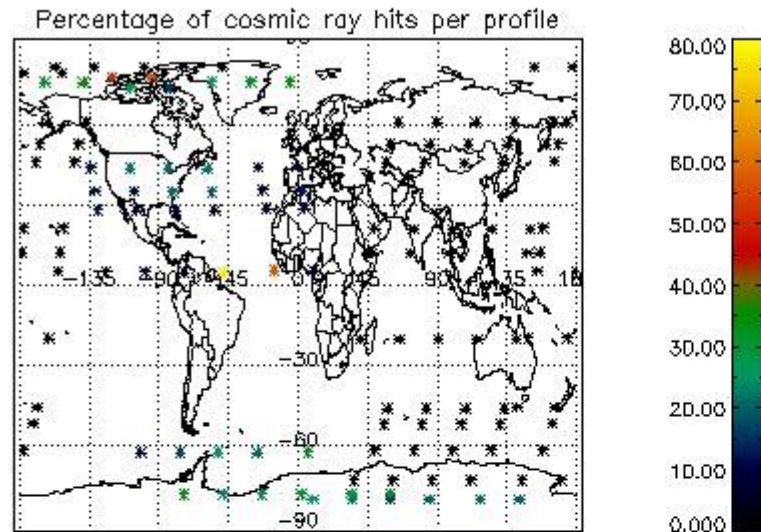
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	32.0896 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



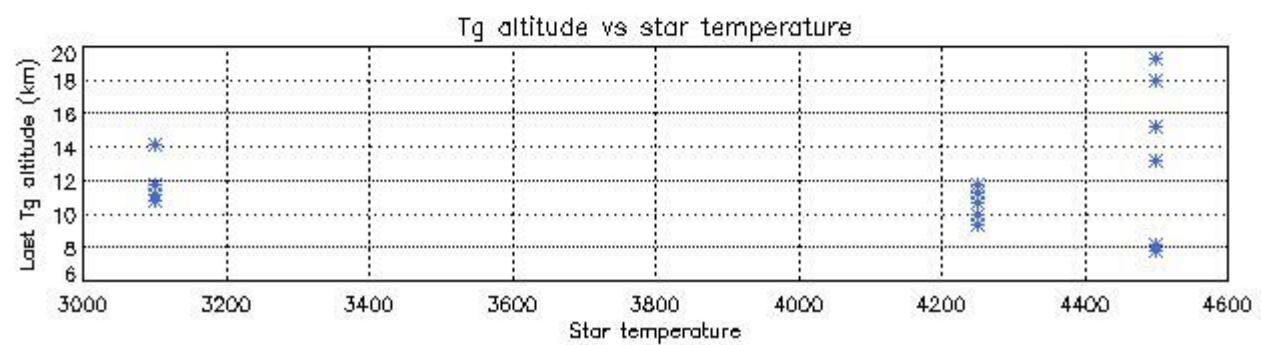
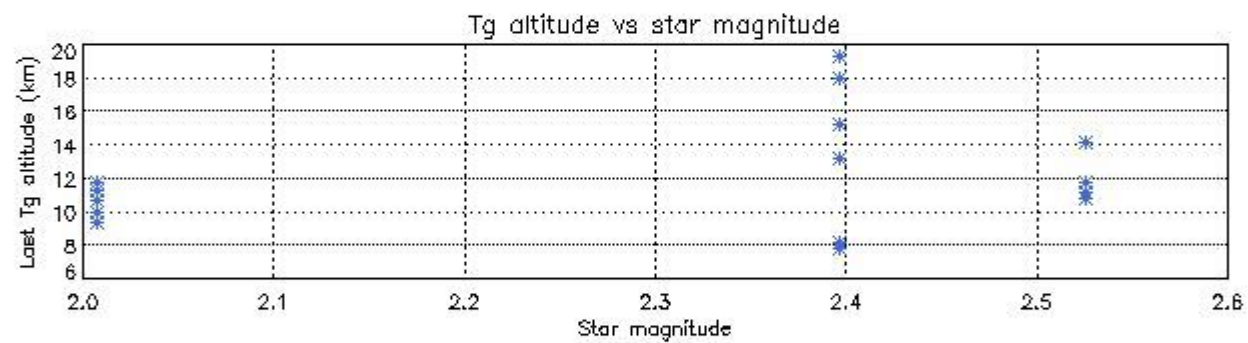
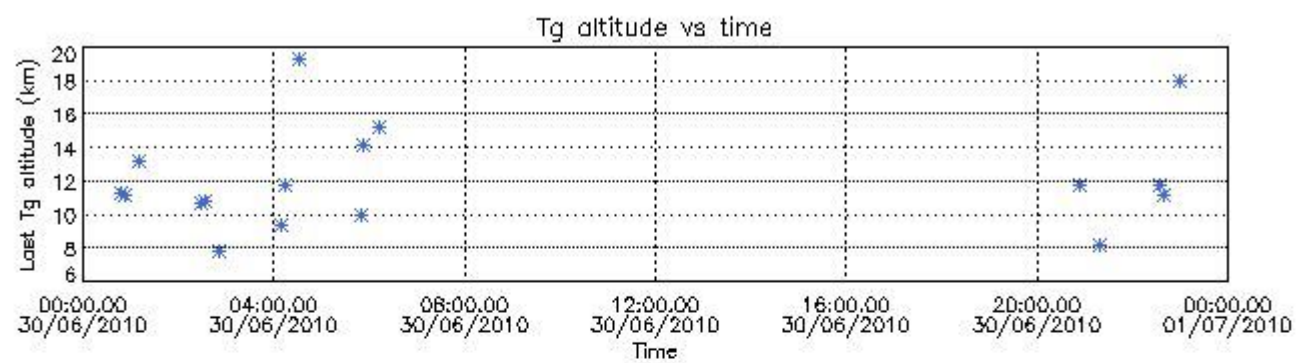
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	12.062	19.004	NaN
St. deviation:	3.1041	4.8169	NaN
Maximum:	19.277	26.651	NaN
Minimum:	7.8085	3.4942	NaN
Number of data:	17.000	79.000	NaN

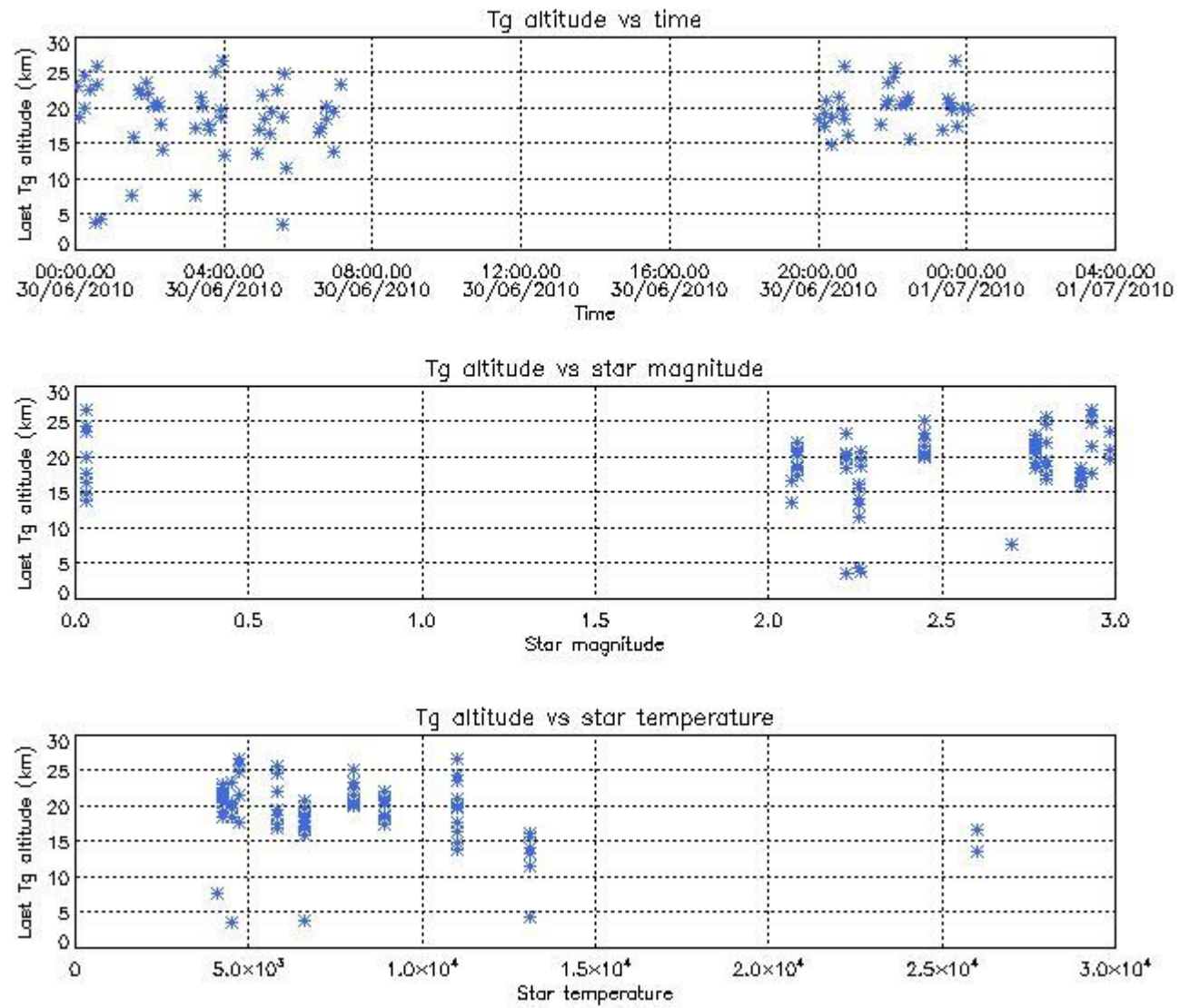
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

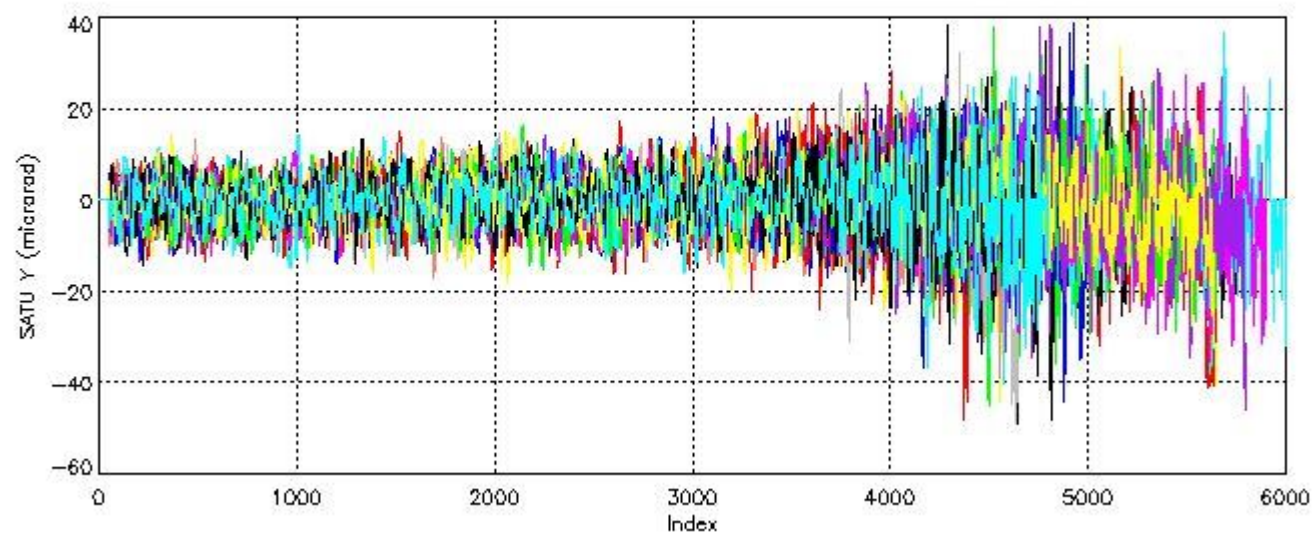
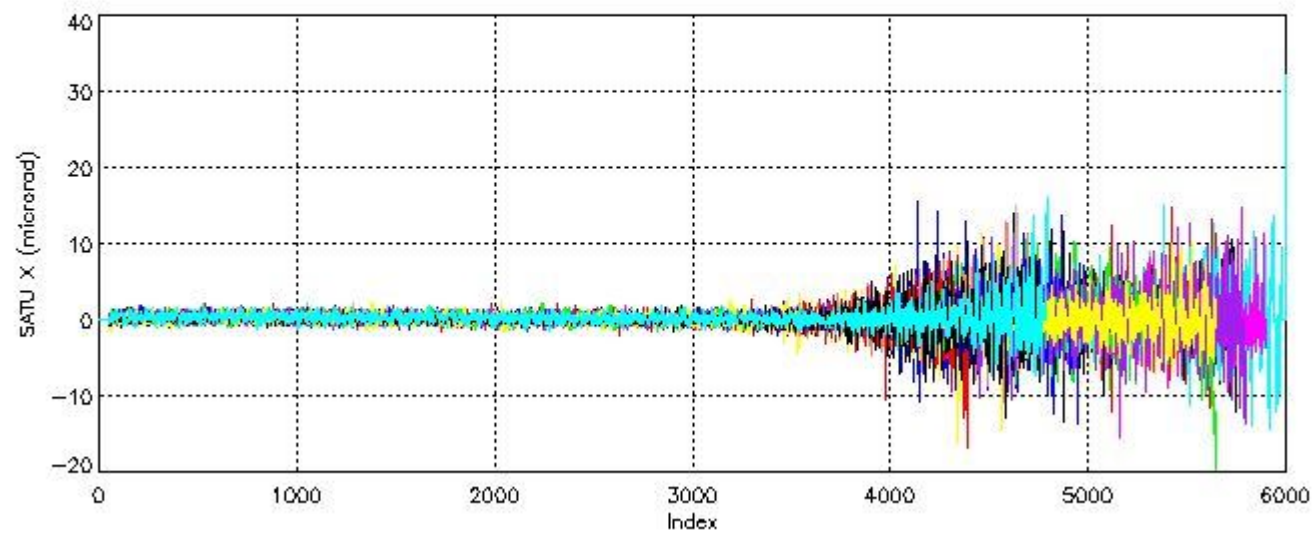


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.22548	-0.43096	0.22650	-0.50389
St. deviation:	0.38184	4.0630	0.75793	3.9838
Maximum:	2.1000	14.300	7.0000	15.100
Minimum:	-1.7000	-14.700	-5.2000	-17.200

Number of data:	18000.	18000.	80650.	80650.
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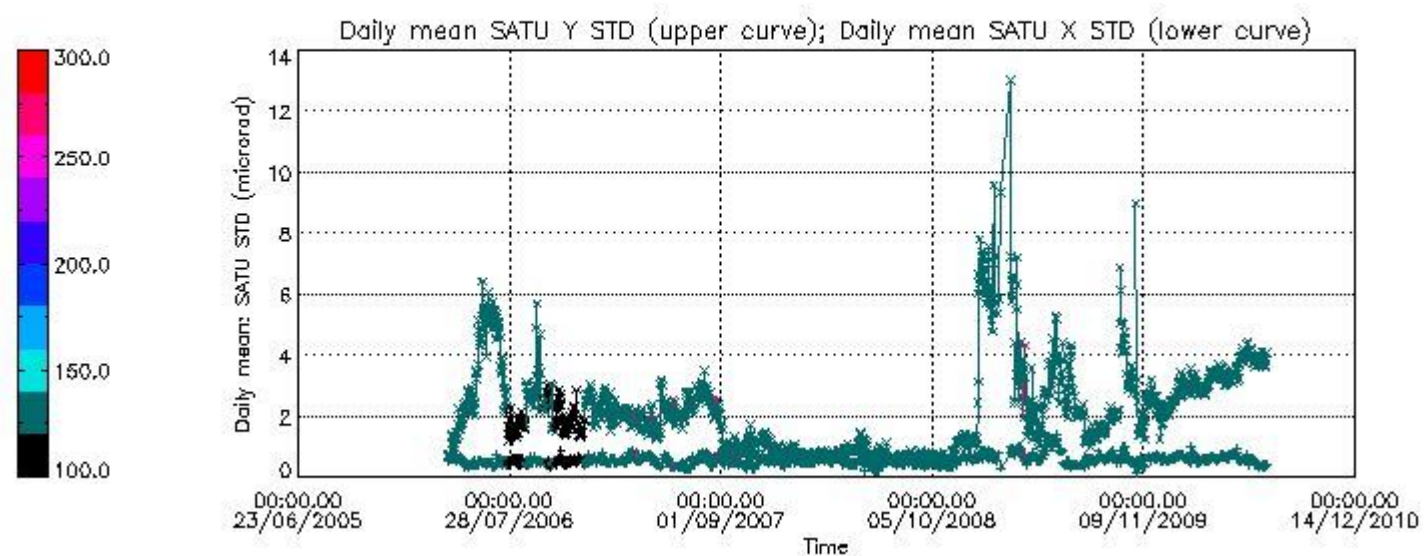
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

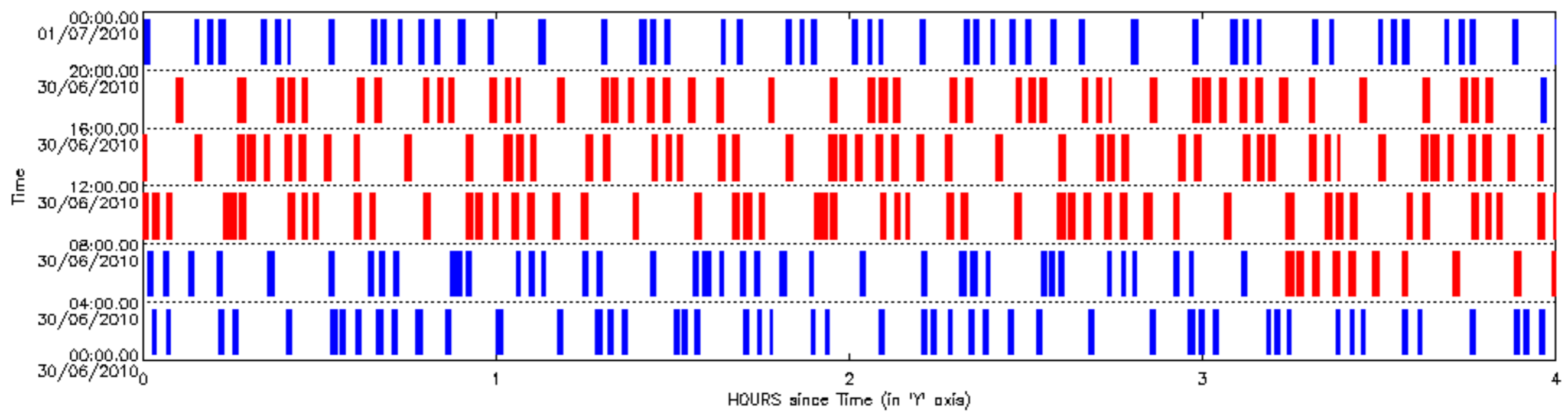
Lower curve: STD of SATU X axis

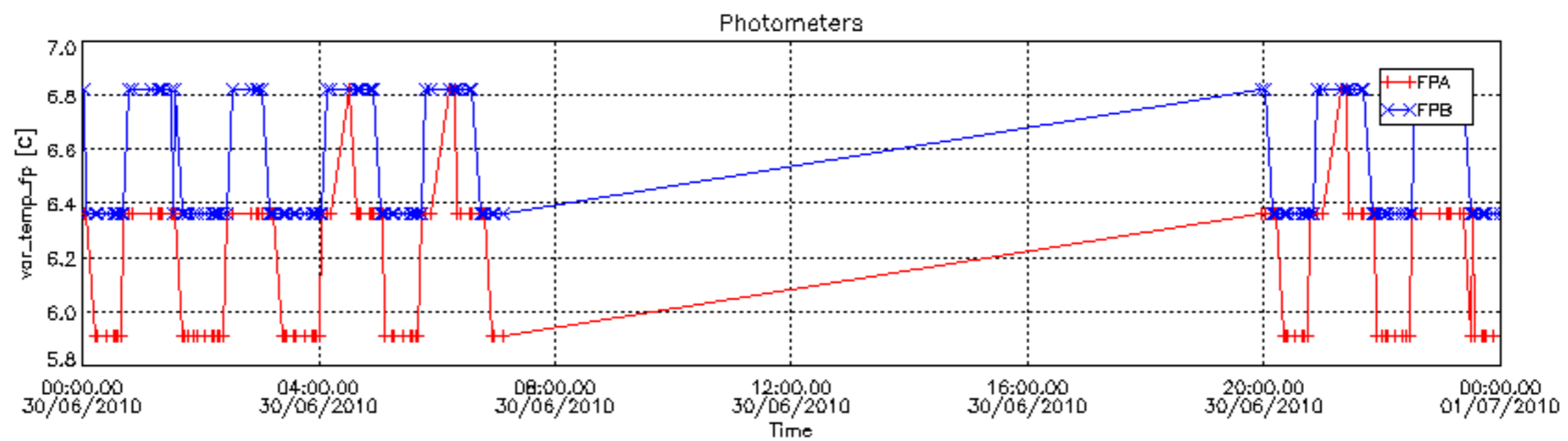
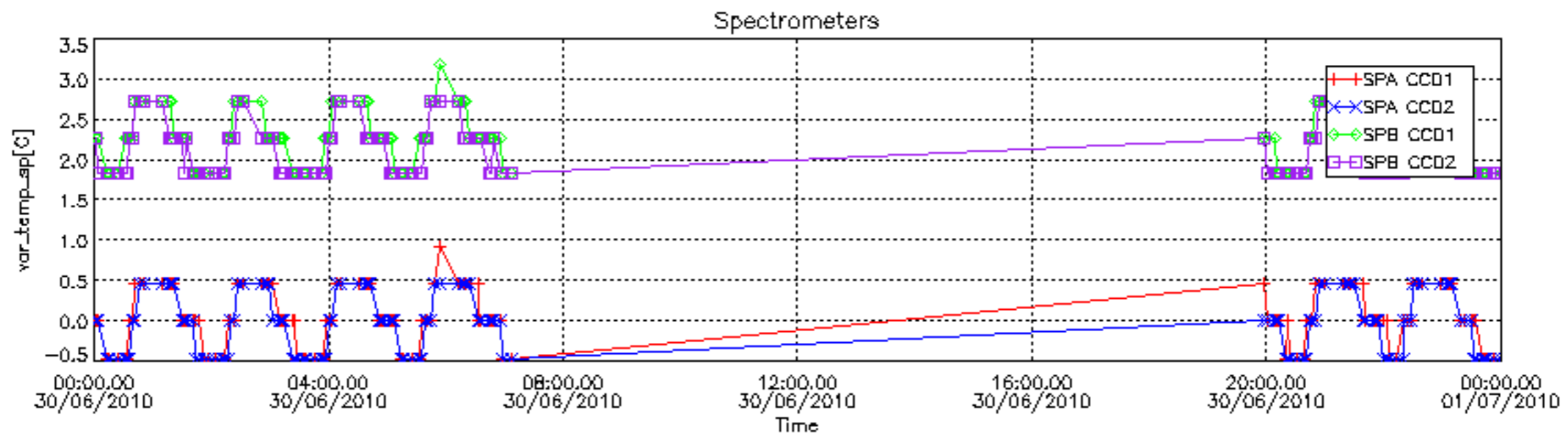


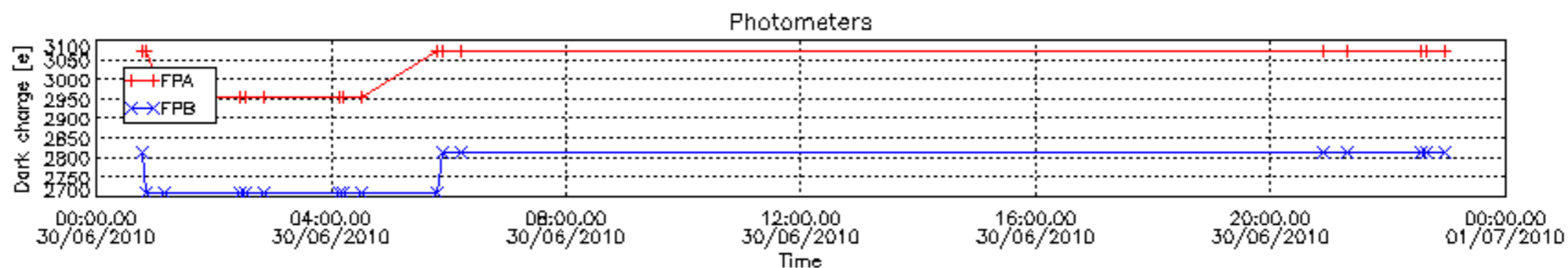
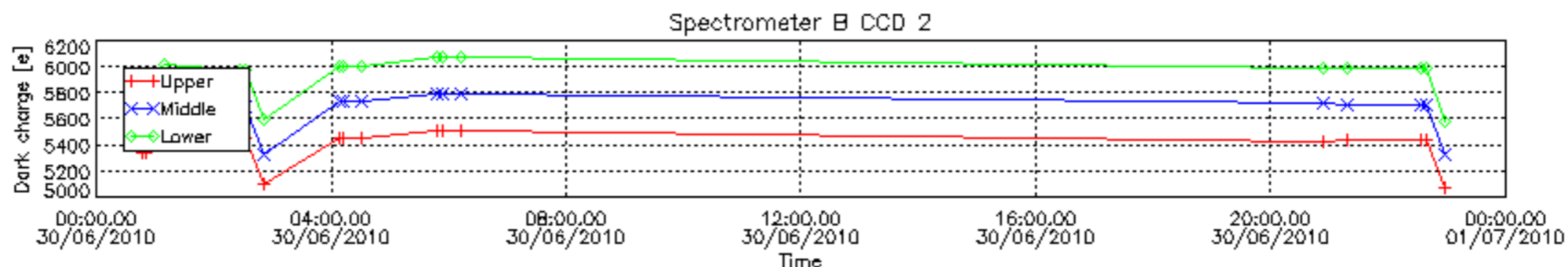
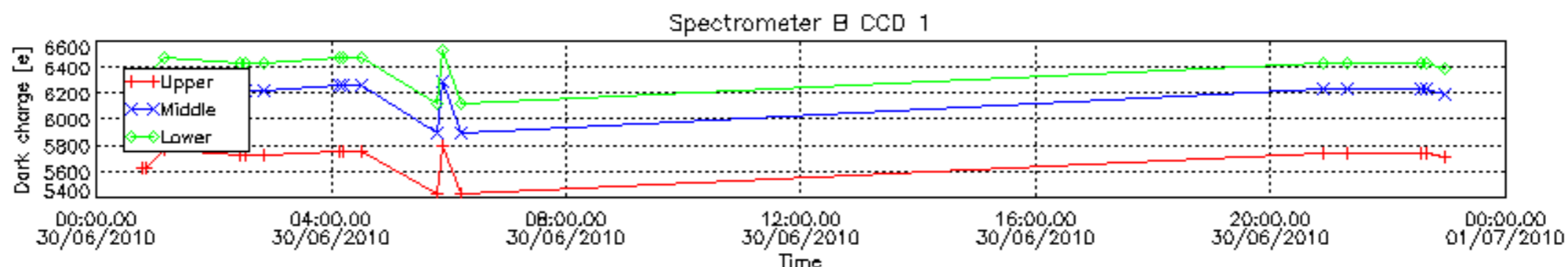
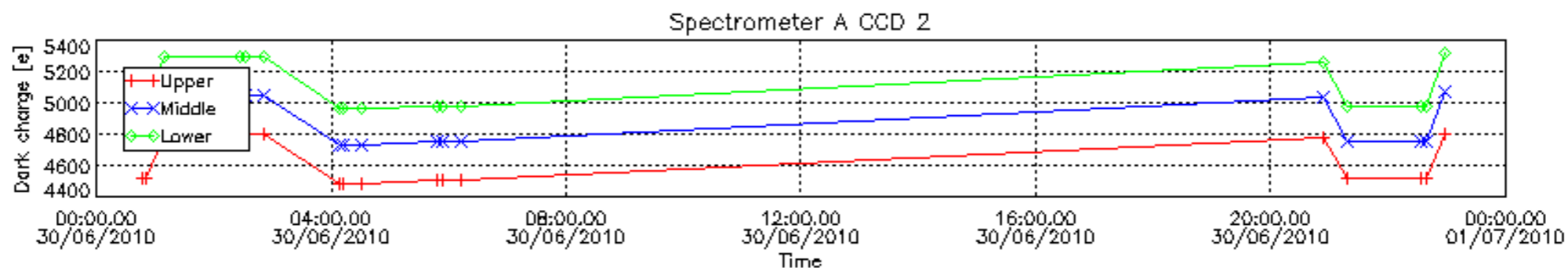
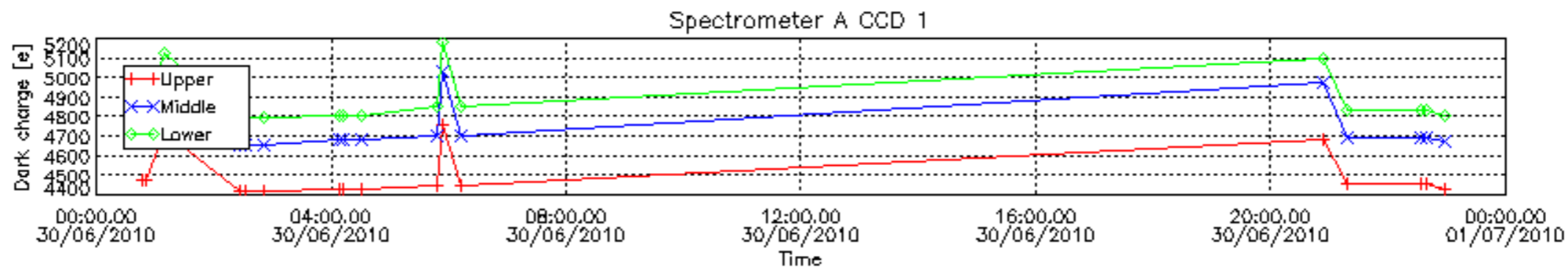
8. Auxiliary Data Files used for the production reported in section 2.4

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.

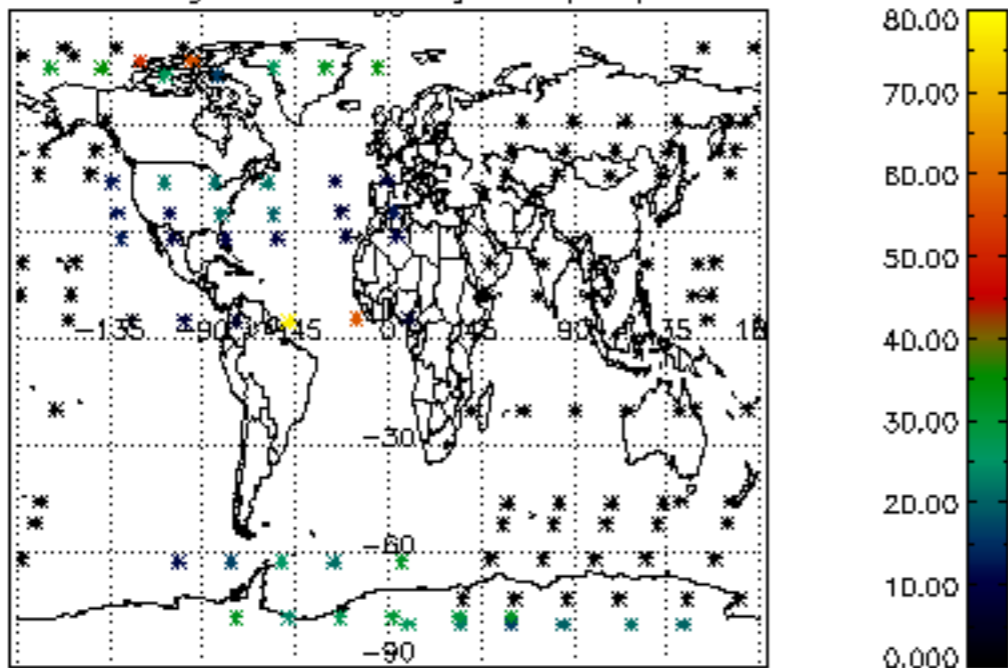
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-JUN-2010 00:01:28
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100629_101415_20100627_000000_20500101_000000	1	30-JUN-2010 00:01:28
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	30-JUN-2010 00:01:28
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	30-JUN-2010 00:01:28
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	30-JUN-2010 00:01:28
ECMWF_FILE	AUX_ECF_AXNECM20100629_055813_20100629_210000_20100630_090000	1	30-JUN-2010 00:01:28
ECMWF_FILE	AUX_ECF_AXNECM20100629_165815_20100630_030000_20100630_150000	45	30-JUN-2010 03:45:31
ECMWF_FILE	AUX_ECA_AXNECM20100630_172113_20100630_090000_20100630_210000	86	30-JUN-2010 19:57:30
ECMWF_FILE	AUX_ECF_AXNECM20100630_052115_20100630_150000_20100701_030000	101	30-JUN-2010 20:58:31
ECMWF_FILE	AUX_ECF_AXNECM20100630_054114_20100630_210000_20100701_090000	122	30-JUN-2010 22:58:22
OPTIONAL_ECMWF_FILE	MISSING	1	30-JUN-2010 00:01:28
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100629_231618_000057382090_00416_43556_0652.N1	1	30-JUN-2010 00:01:28
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100630_005715_000092452090_00417_43557_0653.N1	13	30-JUN-2010 01:10:21
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100630_033638_000063762090_00419_43559_0654.N1	45	30-JUN-2010 03:45:31
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100630_052813_000057382090_00420_43560_0655.N1	66	30-JUN-2010 05:33:26
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100630_194857_000038252090_00429_43569_0656.N1	86	30-JUN-2010 19:57:30
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100630_092113_20100629_182638_20100709_213327	101	30-JUN-2010 20:58:31



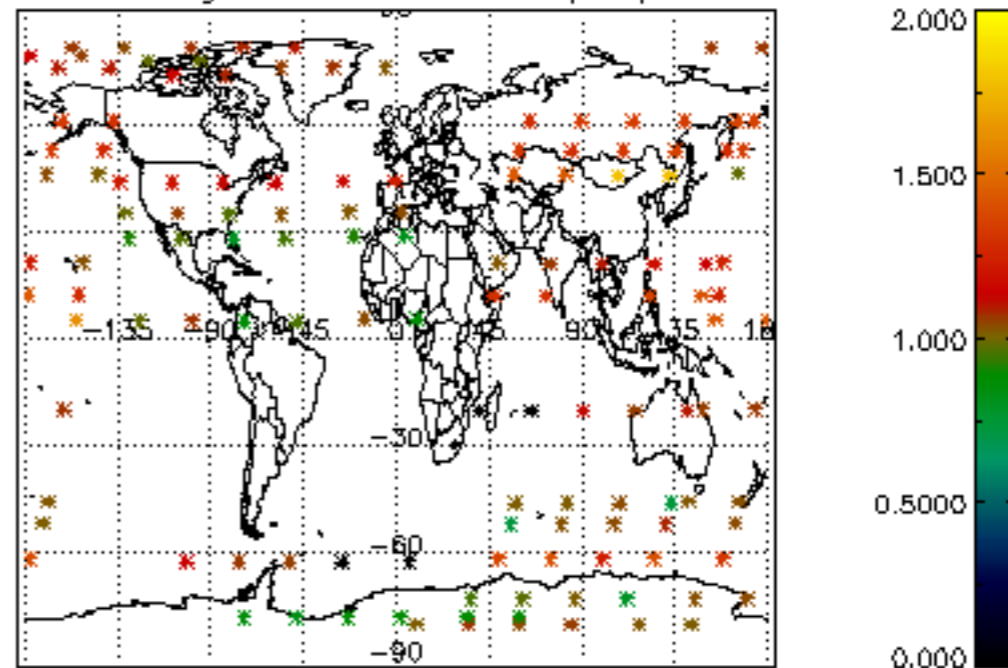




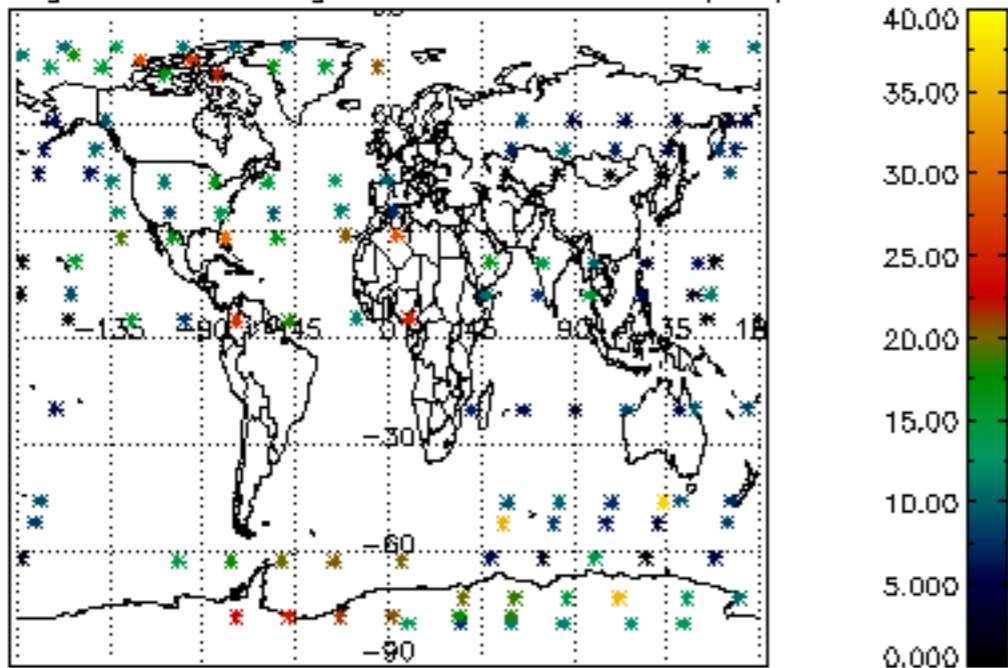
Percentage of cosmic ray hits per profile



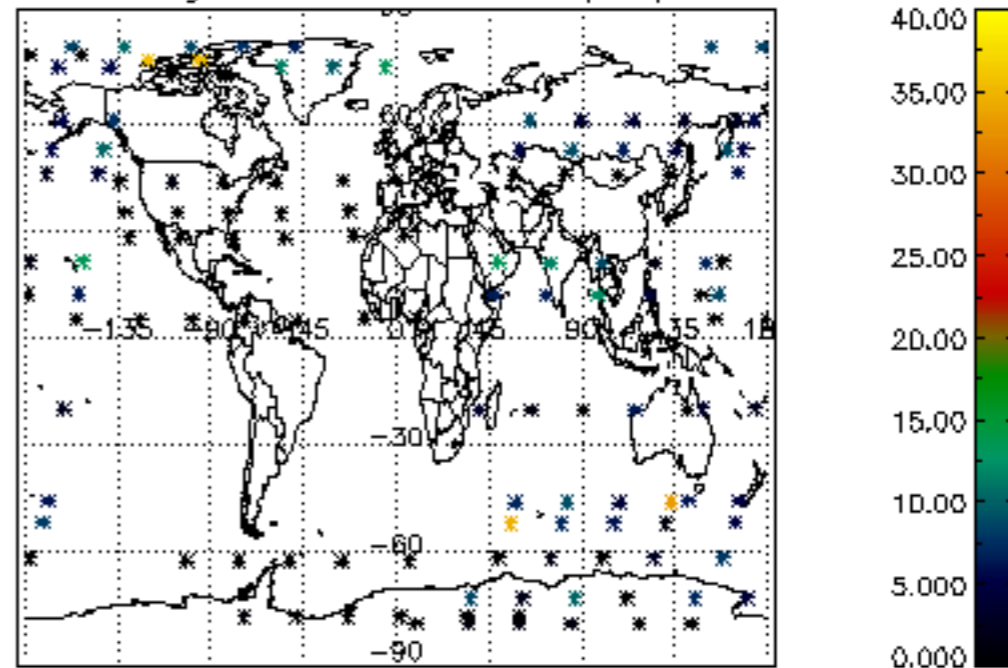
Percentage of datation errors per profile



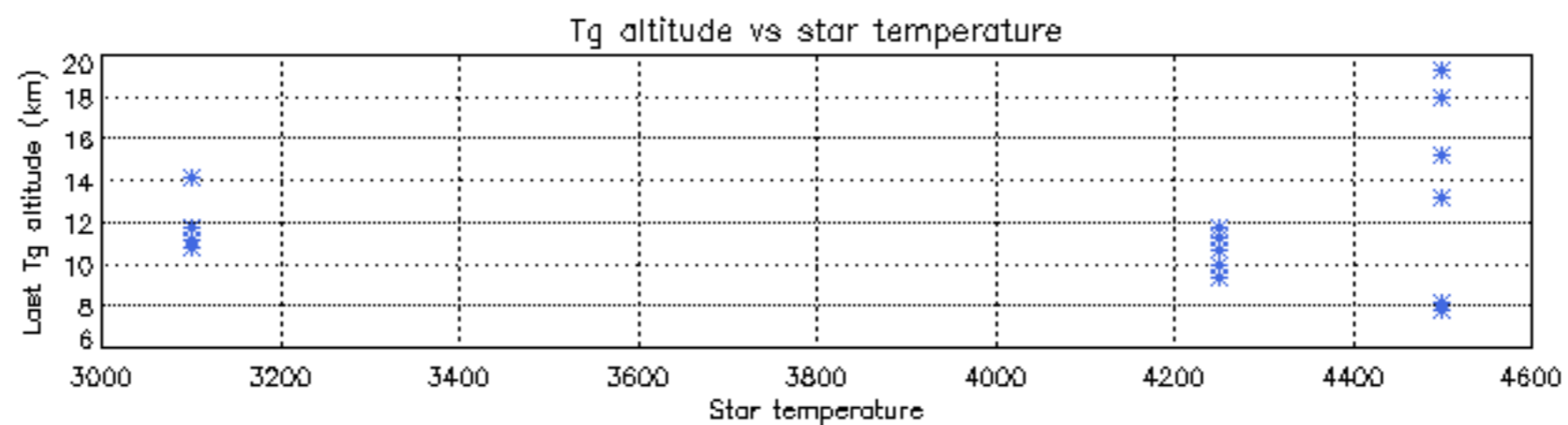
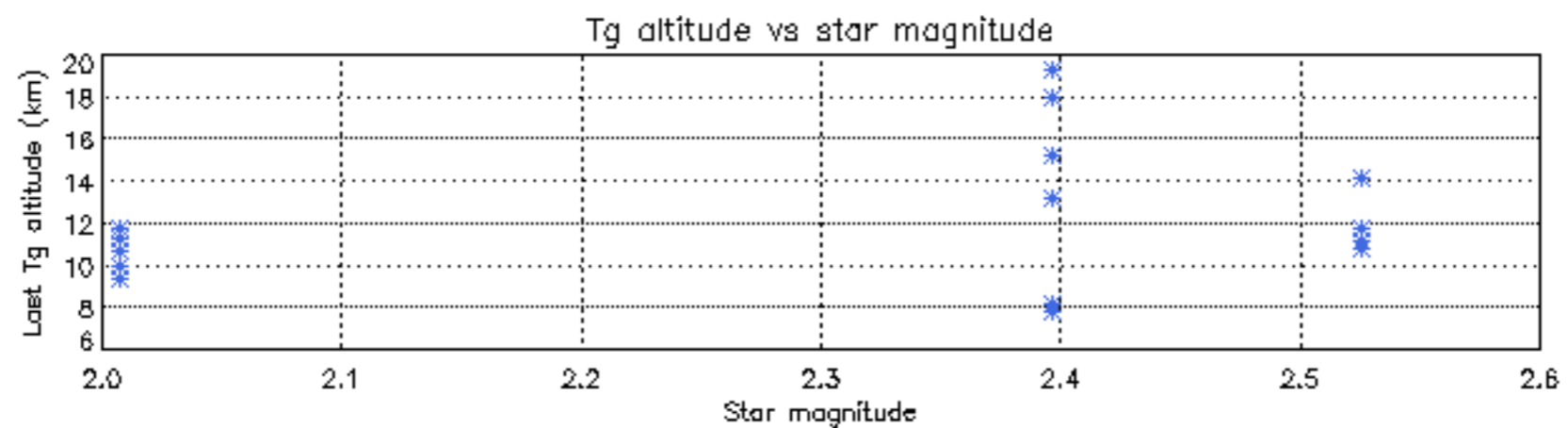
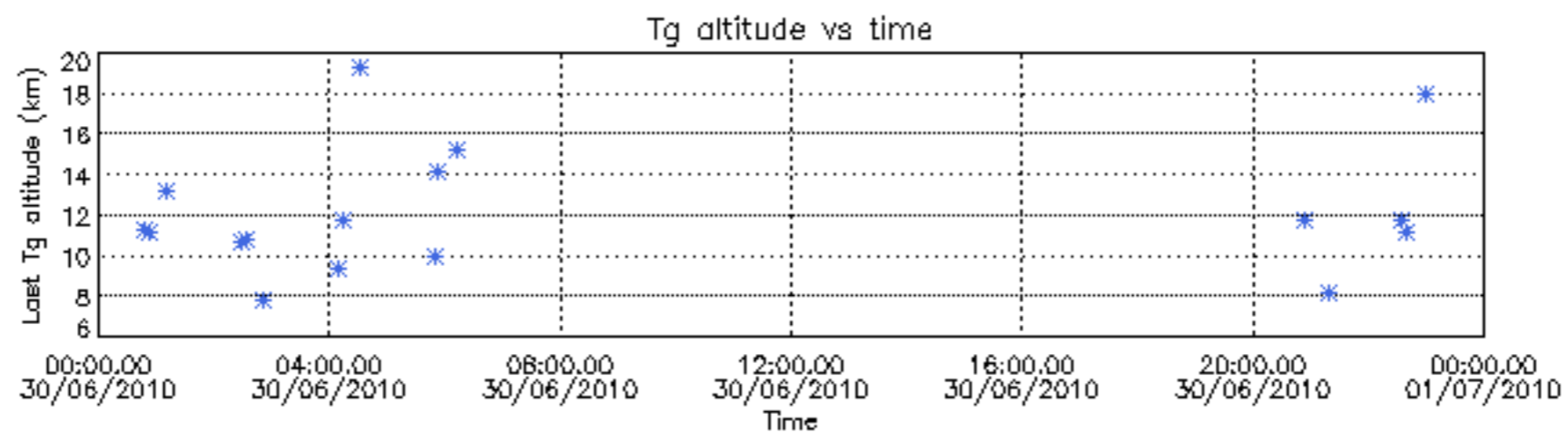
Percentage of star falling outside central band per profile



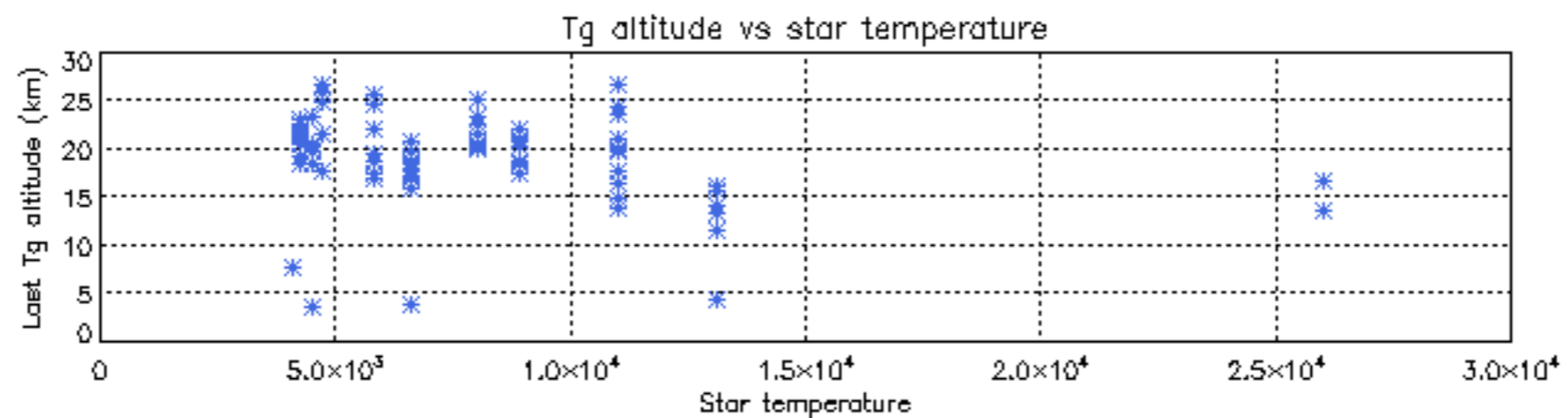
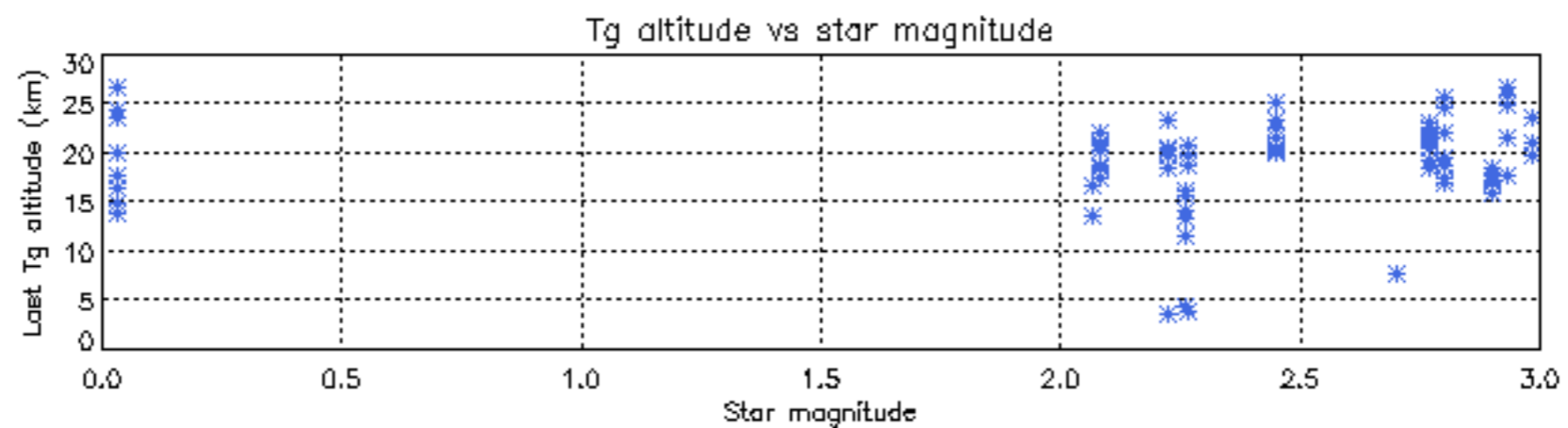
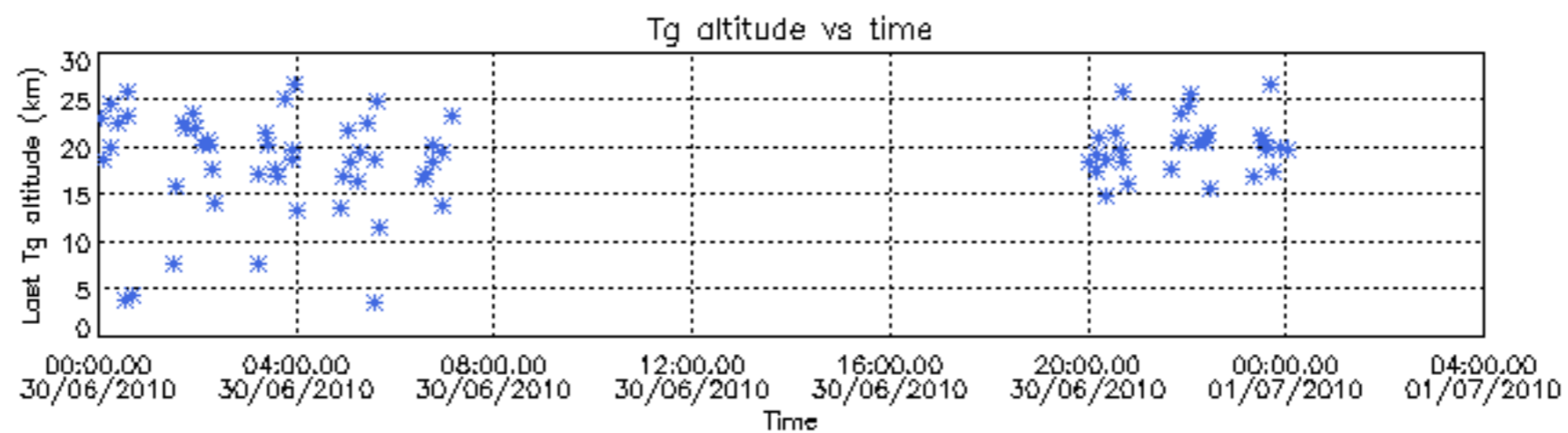
Percentage of saturation errors per profile

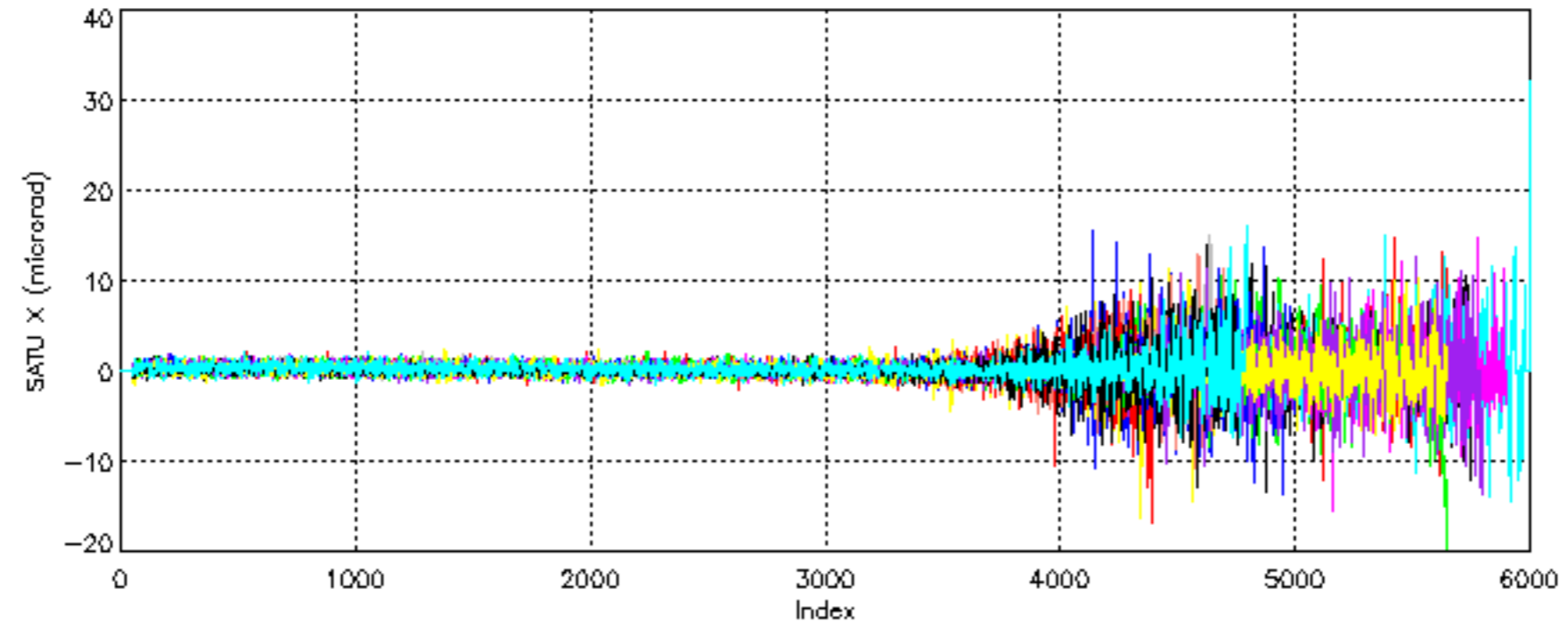


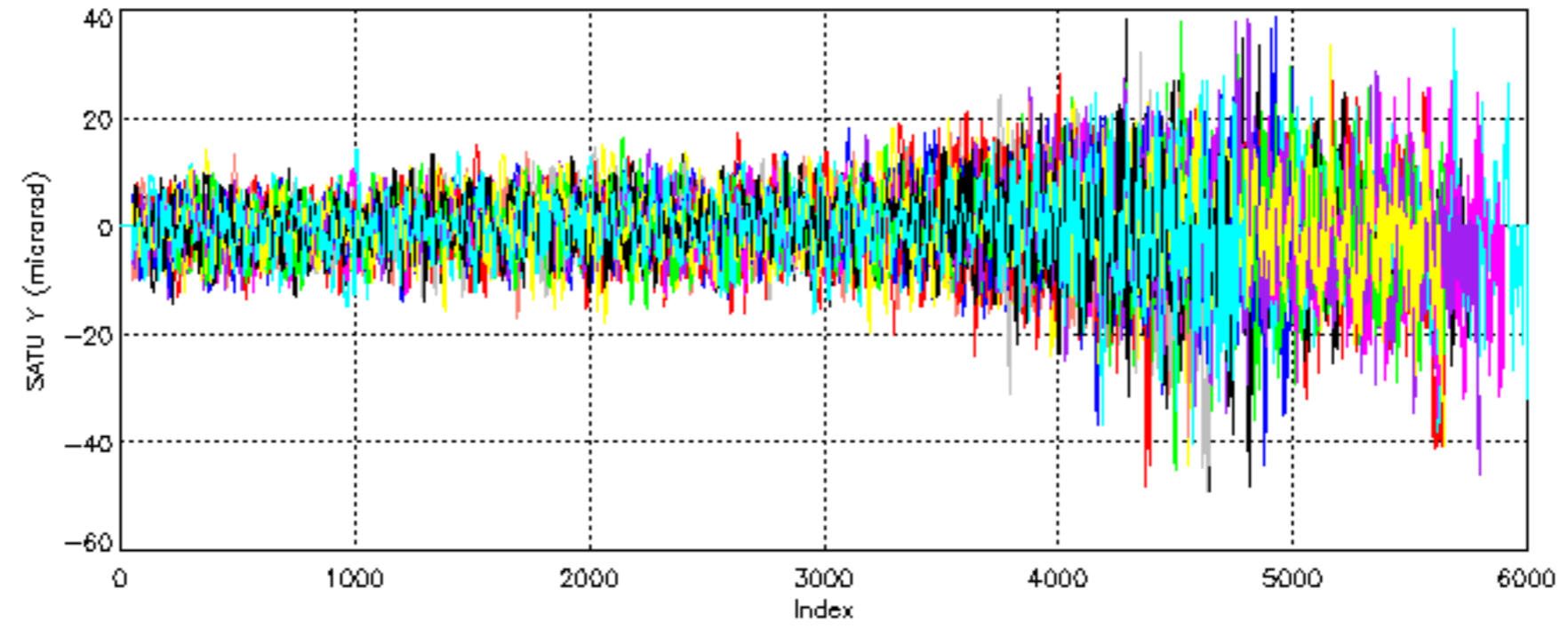
Tangent altitude at which the star is lost

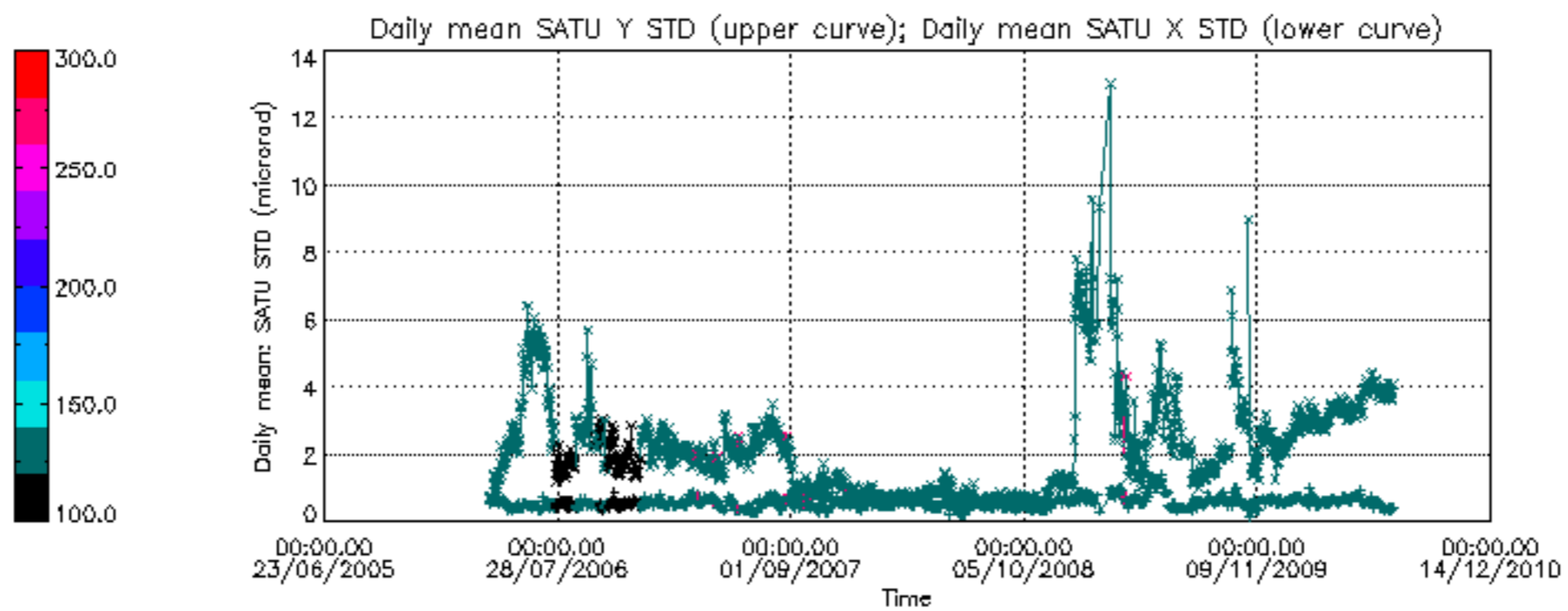


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100601_010946_000092532090_00002_43142_0163.N1

1; -645.7; 01-JUN-2010 01:09:46; Dark ; 46.0; 52; 16Bet Cet ; 2.04; 4500;occ; 92; 0;43142
 2; -125.5; 01-JUN-2010 01:18:26; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;43142
 3; 74.8; 01-JUN-2010 01:21:46; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;43143
 4; 187.0; 01-JUN-2010 01:23:38; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;43143
 5; 486.0; 01-JUN-2010 01:28:37; Dark ; 44.0; 45; Alp Pav ; 1.94; 26000;occ; 88; 0;43143
 6; 933.8; 01-JUN-2010 01:36:05; Dark ; 40.0; 147; Alp Ara ; 2.88; 26000;occ; 80; 0;43143
 7; 1034.9; 01-JUN-2010 01:37:46; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;43143
 8; 1142.8; 01-JUN-2010 01:39:34; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;43143
 9; 1249.5; 01-JUN-2010 01:41:21; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;43143
 10; 1372.0; 01-JUN-2010 01:43:23; Dark ; 43.0; 136; 23Tau Sco ; 2.82; 30000;occ; 86; 0;43143
 11; 1497.2; 01-JUN-2010 01:45:29; Bright; 40.0; 80; 7Del Sco ; 2.32; 30000;occ; 80; 0;43143
 12; 1590.7; 01-JUN-2010 01:47:02; Bright; 46.5; 86; 35Eta Oph ; 2.43; 10200;occ; 93; 0;43143
 13; 1702.4; 01-JUN-2010 01:48:54; Bright; 42.5; 98; 13Zet Oph ; 2.57; 30000;occ; 85; 0;43143
 14; 1833.7; 01-JUN-2010 01:51:05; Bright; 40.5; 120; 1Del Oph ; 2.73; 3200;occ; 81; 0;43143
 15; 2014.5; 01-JUN-2010 01:54:06; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;43143
 16; 2369.2; 01-JUN-2010 02:00:00; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;43143
 17; 2529.6; 01-JUN-2010 02:02:41; Bright; 43.0; 133; 40Zet Her ; 2.81; 6000;occ; 86; 0;43143
 18; 3005.3; 01-JUN-2010 02:10:37; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;43143
 19; 3630.0; 01-JUN-2010 02:21:01; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;43143
 20; 3928.9; 01-JUN-2010 02:26:00; Bright; 37.0; 76; 27Gam Cas ; 2.30; 30000;occ; 74; 0;43143
 21; 4393.4; 01-JUN-2010 02:33:45; Bright; 48.0; 53; 43Bet And ; 2.05; 3300;occ; 96; 0;43143
 22; 4555.3; 01-JUN-2010 02:36:27; Dark ; 53.0; 58; 21Alp And ; 2.07; 11000;occ; 106; 0;43143
 23; 4851.4; 01-JUN-2010 02:41:23; Dark ; 51.5; 140; 88Gam Peg ; 2.83; 26000;occ; 103; 0;43143
 24; 5279.6; 01-JUN-2010 02:48:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43143
 25; 5390.8; 01-JUN-2010 02:50:22; Dark ; 49.5; 52; 16Bet Cet ; 2.04; 4500;occ; 99; 0;43143
 26; 5911.5; 01-JUN-2010 02:59:03; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;43143
 27; 6111.3; 01-JUN-2010 03:02:23; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;43144
 28; 6224.1; 01-JUN-2010 03:04:15; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;43144
 29; 6522.8; 01-JUN-2010 03:09:14; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;43144
 30; 6970.3; 01-JUN-2010 03:16:42; Dark ; 42.0; 147; Alp Ara ; 2.88; 26000;occ; 84; 0;43144
 31; 7071.4; 01-JUN-2010 03:18:23; Dark ; 46.0; 40; The Sco ; 1.86; 7100;occ; 92; 0;43144
 32; 7179.2; 01-JUN-2010 03:20:10; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;43144
 33; 7285.7; 01-JUN-2010 03:21:57; Dark ; 43.5; 75; 26Eps Sco ; 2.29; 4250;occ; 87; 0;43144
 34; 7408.5; 01-JUN-2010 03:24:00; Dark ; 44.5; 136; 23Tau Sco ; 2.82; 30000;occ; 89; 0;43144
 35; 7533.5; 01-JUN-2010 03:26:05; Bright; 38.5; 80; 7Del Sco ; 2.32; 30000;occ; 77; 0;43144
 36; 7626.6; 01-JUN-2010 03:27:38; Bright; 48.0; 86; 35Eta Oph ; 2.43; 10200;occ; 96; 0;43144
 37; 7738.4; 01-JUN-2010 03:29:30; Bright; 42.5; 98; 13Zet Oph ; 2.57; 30000;occ; 85; 0;43144
 38; 7869.5; 01-JUN-2010 03:31:41; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;43144
 39; 8050.5; 01-JUN-2010 03:34:42; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;43144
 40; 8405.0; 01-JUN-2010 03:40:36; Bright; 36.5; 67; 5Alp CrB ; 2.22; 11000;occ; 73; 0;43144
 41; 8565.0; 01-JUN-2010 03:43:16; Bright; 43.0; 133; 40Zet Her ; 2.81; 6000;occ; 86; 0;43144

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100601_035112_000067052090_00004_43144_0164.N1

1; 3005.0; 01-JUN-2010 03:51:12; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;43144
 2; 3629.4; 01-JUN-2010 04:01:37; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;43144
 3; 3929.2; 01-JUN-2010 04:06:36; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;43144
 4; 4393.7; 01-JUN-2010 04:14:21; Bright; 46.5; 53; 43Bet And ; 2.05; 3300;occ; 93; 0;43144
 5; 4555.3; 01-JUN-2010 04:17:02; Dark ; 52.5; 58; 21Alp And ; 2.07; 11000;occ; 105; 0;43144
 6; 4852.0; 01-JUN-2010 04:21:59; Dark ; 50.5; 140; 88Gam Peg ; 2.83; 26000;occ; 101; 0;43144
 7; 5280.6; 01-JUN-2010 04:29:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43144
 8; 5391.5; 01-JUN-2010 04:30:59; Dark ; 48.5; 52; 16Bet Cet ; 2.04; 4500;occ; 97; 0;43144
 9; 5913.1; 01-JUN-2010 04:39:40; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;43144
 10; 6112.7; 01-JUN-2010 04:43:00; Dark ; 60.5; 63; Bet Gru ; 2.15; 2800;occ; 121; 0;43145
 11; 6224.6; 01-JUN-2010 04:44:52; Dark ; 47.5; 31; Alp Gru ; 1.73; 15200;occ; 95; 0;43145
 12; 6523.6; 01-JUN-2010 04:49:51; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43145
 13; 6970.6; 01-JUN-2010 04:57:18; Dark ; 38.5; 147; Alp Ara ; 2.88; 26000;occ; 77; 0;43145
 14; 7072.2; 01-JUN-2010 04:58:59; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;43145
 15; 7180.0; 01-JUN-2010 05:00:47; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;43145
 16; 7286.1; 01-JUN-2010 05:02:33; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;43145
 17; 7408.4; 01-JUN-2010 05:04:36; Dark ; 46.0; 136; 23Tau Sco ; 2.82; 30000;occ; 92; 0;43145
 18; 7533.4; 01-JUN-2010 05:06:41; Bright; 43.0; 80; 7Del Sco ; 2.32; 30000;occ; 86; 0;43145
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 23; 7633.9; 06-JUN-2010 09:12:40; Bright; 44.0; 86; 35Eta Oph ; 2.43; 10200;occ; 88; 0;43219
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 13; 4411.6; 16-JUN-2010 21:29:23; Dark ; 60.5; 53; 43Bet And ; 2.05; 3300;occ; 121; 0;43369
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 16; 2863.1; 16-JUN-2010 22:44:10; Bright; 40.5; 130; 23Bet Dra ; 2.80; 5800;occ; 81; 0;43370
 17; 3483.6; 16-JUN-2010 22:54:31; Bright; 48.0; 89; 5Alp Cep ; 2.45; 8000;occ; 96; 0;43370
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 4; 285.8; 16-JUN-2010 23:41:49; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43371
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 6; 528.3; 16-JUN-2010 23:45:51; Dark ; 41.0; 172; Gam Gru ; 3.00; 13100;occ; 82; 0;43371
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 3; 1614.6; 16-JUN-2010 17:21:34; Bright; 39.5; 86; 35Eta Oph ; 2.43; 10200;occ; 79; 0;43367
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12; 2447.4; 22-JUN-2010 22:48:44; Bright; 37.0; 133; 40Zet Her ; 2.81; 6000;occ; 74; 0;43456
13; 2721.7; 22-JUN-2010 22:53:18; Bright; 44.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 88; 0;43456

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 15; 3424.4; 23-JUN-2010 00:45:37; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;43457
 16; 3840.3; 23-JUN-2010 00:52:33; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;43457
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 25; 6530.7; 23-JUN-2010 03:17:59; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43459
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 28; 7361.8; 23-JUN-2010 03:31:50; Dark ; 51.5; 116; 19Del Sgr ; 2.70; 4100;occ; 103; 0;43459
 29; 7492.4; 23-JUN-2010 03:34:01; Bright; 48.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 97; 0;43459
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 33; 8755.5; 23-JUN-2010 03:55:04; Bright; 49.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 98; 0;43459
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 11; 497.5; 23-JUN-2010 08:19:50; Dark ; 56.5; 31; Alp Gru ; 1.73; 15200;occ; 113; 0;43462
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 13; 1241.5; 23-JUN-2010 08:32:14; Dark ; 47.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 95; 0;43462
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9; 3417.4; 23-JUN-2010 17:31:29; Bright; 48.0; 89; 5Alp Cep ; 2.45; 8000;occ; 96; 0;43467
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13; 4270.3; 23-JUN-2010 17:45:42; Bright; 45.5; 73; 57Gam1And ; 2.26; 13100;occ; 91; 0;43467
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6; 2446.5; 23-JUN-2010 20:36:30; Bright; 36.0; 133; 40Zet Her ; 2.81; 6000;occ; 72; 0;43469
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13; 4270.3; 23-JUN-2010 21:06:54; Bright; 44.5; 73; 57Gam1And ; 2.26; 13100;occ; 89; 0;43469
14; 4415.6; 23-JUN-2010 21:09:19; Dark ; 44.5; 173; 4Bet Tri ; 3.00; 8900;occ; 89; 0;43469
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3; 383.5; 23-JUN-2010 21:42:43; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43470
4; 505.1; 23-JUN-2010 21:44:45; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43470
5; 691.0; 23-JUN-2010 21:47:51; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;43470
6; 1244.0; 23-JUN-2010 21:57:04; Dark ; 45.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 90; 0;43470
7; 1328.6; 23-JUN-2010 21:58:28; Dark ; 47.5; 116; 19Del Sgr ; 2.70; 4100;occ; 95; 0;43470
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9; 1988.3; 23-JUN-2010 22:09:28; Bright; 39.0; 126; 60Bet Oph ; 2.77; 4250;occ; 78; 0;43470
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13; 2831.1; 23-JUN-2010 22:23:31; Bright; 41.0; 130; 23Bet Dra ; 2.80; 5800;occ; 82; 0;43470
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16; 3927.4; 23-JUN-2010 22:41:47; Bright; 47.5; 68; 18Alp Cas ; 2.22; 4500;occ; 95; 0;43470
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19; 4415.9; 23-JUN-2010 22:49:55; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43470
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3; 384.5; 23-JUN-2010 23:23:20; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;43471
4; 506.4; 23-JUN-2010 23:25:22; Dark ; 48.5; 31; Alp Gru ; 1.73; 15200;occ; 97; 0;43471
5; 691.3; 23-JUN-2010 23:28:27; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43471
6; 1244.0; 23-JUN-2010 23:37:40; Dark ; 42.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 85; 0;43471
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8; 1459.2; 23-JUN-2010 23:41:15; Bright; 50.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 100; 0;43471
9; 1988.1; 23-JUN-2010 23:50:04; Bright; 39.5; 126; 60Bet Oph ; 2.77; 4250;occ; 79; 0;43471
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19; 4416.1; 24-JUN-2010 00:30:32; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43471
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12; 2710.8; 24-JUN-2010 01:42:42; Bright; 51.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 103; 0;43472
13; 2830.4; 24-JUN-2010 01:44:42; Bright; 39.5; 130; 23Bet Dra ; 2.80; 5800;occ; 79; 0;43472
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 11; 510.0; 24-JUN-2010 06:07:49; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;43475
 12; 693.5; 24-JUN-2010 06:10:53; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43475
 13; 1245.7; 24-JUN-2010 06:20:05; Dark ; 47.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 94; 0;43475
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 18; 2446.4; 24-JUN-2010 06:40:06; Bright; 38.0; 133; 40Zet Her ; 2.81; 6000;occ; 76; 0;43475
 19; 2708.7; 24-JUN-2010 06:44:28; Bright; 49.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 99; 0;43475
 20; 2829.7; 24-JUN-2010 06:46:29; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;43475
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 2; 1332.6; 24-JUN-2010 19:46:19; Dark ; 46.0; 116; 19Del Sgr ; 2.70; 4100;occ; 92; 0;43483
 3; 1461.8; 24-JUN-2010 19:48:28; Bright; 51.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 103; 0;43483
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 5; 2130.3; 24-JUN-2010 19:59:37; Bright; 40.5; 59; 55Alp Oph ; 2.08; 8900;occ; 81; 0;43483
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 9; 3829.1; 24-JUN-2010 20:27:56; Bright; 67.0; 74; 11Bet Cas ; 2.27; 6600;occ; 134; 0;43483
 10; 3922.7; 24-JUN-2010 20:29:29; Bright; 48.0; 68; 18Alp Cas ; 2.22; 4500;occ; 96; 0;43483
 11; 4065.0; 24-JUN-2010 20:31:52; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 0;43483
 12; 4270.4; 24-JUN-2010 20:35:17; Bright; 45.0; 73; 57Gam1And ; 2.26; 13100;occ; 90; 0;43483
 13; 4417.3; 24-JUN-2010 20:37:44; Dark ; 31.0; 53; 43Bet And ; 2.05; 3300;occ; 62; 0;43483
 14; 4651.6; 24-JUN-2010 20:41:38; Dark ; 54.0; 50; 13Alp Ari ; 2.01; 4250;occ; 108; 0;43483

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 3; 8.2; 24-JUN-2010 21:04:51; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;43483
 4; 397.1; 24-JUN-2010 21:11:20; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43484
 5; 518.5; 24-JUN-2010 21:13:21; Dark ; 48.5; 31; Alp Gru ; 1.73; 15200;occ; 97; 0;43484
 6; 698.4; 24-JUN-2010 21:16:21; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;43484
 7; 1248.2; 24-JUN-2010 21:25:31; Dark ; 45.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 91; 0;43484
 8; 1332.8; 24-JUN-2010 21:26:55; Dark ; 54.0; 116; 19Del Sgr ; 2.70; 4100;occ; 108; 0;43484
 9; 1462.1; 24-JUN-2010 21:29:05; Bright; 50.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 100; 0;43484
 10; 1987.0; 24-JUN-2010 21:37:50; Bright; 39.0; 126; 60Bet Oph ; 2.77; 4250;occ; 78; 0;43484
 11; 2130.1; 24-JUN-2010 21:40:13; Bright; 41.0; 59; 55Alp Oph ; 2.08; 8900;occ; 82; 0;43484
 12; 2702.6; 24-JUN-2010 21:49:45; Bright; 50.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 100; 0;43484
 13; 2827.1; 24-JUN-2010 21:51:50; Bright; 40.5; 130; 23Bet Dra ; 2.80; 5800;occ; 81; 0;43484
 14; 3405.4; 24-JUN-2010 22:01:28; Bright; 48.5; 89; 5Alp Cep ; 2.45; 8000;occ; 97; 0;43484
 15; 3828.6; 24-JUN-2010 22:08:31; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;43484
 16; 3922.2; 24-JUN-2010 22:10:05; Bright; 48.0; 68; 18Alp Cas ; 2.22; 4500;occ; 96; 0;43484
 17; 4064.9; 24-JUN-2010 22:12:27; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 0;43484
 18; 4270.0; 24-JUN-2010 22:15:53; Bright; 44.0; 73; 57Gam1And ; 2.26; 13100;occ; 88; 0;43484
 19; 4416.8; 24-JUN-2010 22:18:19; Dark ; 48.5; 173; 4Bet Tri ; 3.00; 8900;occ; 97; 0;43484
 20; 4651.7; 24-JUN-2010 22:22:14; Dark ; 54.5; 50; 13Alp Ari ; 2.01; 4250;occ; 109; 0;43484

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 3; 9.2; 24-JUN-2010 22:45:28; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;43484
 4; 398.2; 24-JUN-2010 22:51:57; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43485
 5; 519.7; 24-JUN-2010 22:53:58; Dark ; 48.5; 31; Alp Gru ; 1.73; 15200;occ; 97; 0;43485
 6; 698.8; 24-JUN-2010 22:56:57; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;43485
 7; 1248.5; 24-JUN-2010 23:06:07; Dark ; 44.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 89; 0;43485
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 9; 1462.1; 24-JUN-2010 23:09:41; Bright; 50.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 100; 0;43485


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12; 2702.2; 24-JUN-2010 23:30:21; Bright; 47.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 95; 0;43485
13; 2826.9; 24-JUN-2010 23:32:25; Bright; 37.0; 130; 23Bet Dra ; 2.80; 5800;occ; 74; 0;43485
14; 3405.2; 24-JUN-2010 23:42:04; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;43485
15; 3828.1; 24-JUN-2010 23:49:06; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;43485
16; 3921.8; 24-JUN-2010 23:50:40; Bright; 66.0; 68; 18Alp Cas ; 2.22; 4500;occ; 132; 0;43485
17; 4064.8; 24-JUN-2010 23:53:03; Bright; 44.5; 160; 23Gam Per ; 2.93; 4700;occ; 89; 0;43485
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19; 4417.2; 24-JUN-2010 23:58:56; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43485
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3; 10.0; 25-JUN-2010 00:26:04; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43486
4; 399.1; 25-JUN-2010 00:32:33; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;43486
5; 520.4; 25-JUN-2010 00:34:35; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;43486
6; 699.5; 25-JUN-2010 00:37:34; Dark ; 49.5; 45; Alp Pav ; 1.94; 26000;occ; 99; 0;43486
7; 1248.9; 25-JUN-2010 00:46:43; Dark ; 45.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 91; 0;43486
8; 1333.3; 25-JUN-2010 00:48:08; Dark ; 51.5; 116; 19Del Sgr ; 2.70; 4100;occ; 103; 0;43486
9; 1462.4; 25-JUN-2010 00:50:17; Bright; 50.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 101; 0;43486
10; 1986.6; 25-JUN-2010 00:59:01; Bright; 39.0; 126; 60Bet Oph ; 2.77; 4250;occ; 78; 0;43486
11; 2129.9; 25-JUN-2010 01:01:24; Bright; 39.5; 59; 55Alp Oph ; 2.08; 8900;occ; 79; 0;43486
12; 2701.4; 25-JUN-2010 01:10:56; Bright; 50.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 101; 0;43486
13; 2826.6; 25-JUN-2010 01:13:01; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;43486
14; 3404.5; 25-JUN-2010 01:22:39; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;43486
15; 3827.4; 25-JUN-2010 01:29:42; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;43486
16; 3921.4; 25-JUN-2010 01:31:16; Bright; 49.0; 68; 18Alp Cas ; 2.22; 4500;occ; 98; 0;43486
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19; 4417.1; 25-JUN-2010 01:39:31; Dark ; 44.5; 173; 4Bet Tri ; 3.00; 8900;occ; 89; 0;43486
20; 4652.5; 25-JUN-2010 01:43:27; Dark ; 55.0; 50; 13Alp Ari ; 2.01; 4250;occ; 110; 0;43486
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3; 10.9; 25-JUN-2010 02:06:41; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;43487
4; 400.3; 25-JUN-2010 02:13:10; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;43487
5; 521.4; 25-JUN-2010 02:15:12; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;43487
6; 700.1; 25-JUN-2010 02:18:10; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;43487
7; 1248.8; 25-JUN-2010 02:27:19; Dark ; 44.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 88; 0;43487
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9; 1462.7; 25-JUN-2010 02:30:53; Bright; 48.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 96; 0;43487
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13; 2826.6; 25-JUN-2010 02:53:37; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;43487
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5; -1618.4; 25-JUN-2010 03:20:08; Dark ; 47.0; 173; 4Bet Tri ; 3.00; 8900;occ; 94; 0;43487
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9; 12.0; 25-JUN-2010 03:47:18; Dark ; 45.0; 84; Alp Phe ; 2.40; 4500;occ; 90; 0;43488
10; 401.2; 25-JUN-2010 03:53:47; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43488
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12; 700.5; 25-JUN-2010 03:58:47; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;43488
13; 1249.4; 25-JUN-2010 04:07:55; Dark ; 46.5; 38; 20Eps Sgr ; 1.84; 11000;occ; 93; 0;43488
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16; 1986.8; 25-JUN-2010 04:20:13; Bright; 39.0; 126; 60Bet Oph ; 2.77; 4250;occ; 78; 0;43488
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 7; 1336.7; 26-JUN-2010 00:16:34; Dark ; 53.0; 116; 19Del Sgr ; 2.70; 4100;occ; 106; 0;43500
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13; 3394.6; 26-JUN-2010 00:50:52; Bright; 48.5; 89; 5Alp Cep ; 2.45; 8000;occ; 97; 0;43500
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9; 2128.0; 26-JUN-2010 02:10:21; Bright; 38.0; 59; 55Alp Oph ; 2.08; 8900;occ; 76; 0;43501
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4;-1766.2; 26-JUN-2010 02:46:03; Bright; 47.0; 73; 57Gam1And ; 2.26; 13100;occ; 94; 0;43501
5;-1617.2; 26-JUN-2010 02:48:32; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43501
6;-1379.4; 26-JUN-2010 02:52:30; Dark ; 52.5; 50; 13Alp Ari ; 2.01; 4250;occ; 105; 0;43501
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7;-1086.8; 26-JUN-2010 04:37:58; Dark ; 43.0; 94; 92Alp Cet ; 2.53; 3100;occ; 86; 0;43502
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10; 2121.7; 30-JUN-2010 21:51:34; Bright; 37.5; 59; 55Alp Oph ; 2.08; 8900;occ; 75; 0;43570
11; 2234.7; 30-JUN-2010 21:53:27; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;43570
12; 2654.0; 30-JUN-2010 22:00:26; Bright; 41.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 82; 0;43570
13; 2809.6; 30-JUN-2010 22:03:02; Bright; 35.0; 130; 23Bet Dra ; 2.80; 5800;occ; 70; 0;43570
14; 2926.9; 30-JUN-2010 22:04:59; Bright; 35.0; 144; 18Del Cyg ; 2.86; 11000;occ; 70; 0;43570
15; 3347.0; 30-JUN-2010 22:11:59; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;43570
16; 3787.1; 30-JUN-2010 22:19:20; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43570
17; 3888.9; 30-JUN-2010 22:21:01; Bright; 48.0; 68; 18Alp Cas ; 2.22; 4500;occ; 96; 0;43570
18; 4062.6; 30-JUN-2010 22:23:55; Bright; 38.0; 160; 23Gam Per ; 2.93; 4700;occ; 76; 0;43570
19; 4266.8; 30-JUN-2010 22:27:19; Bright; 48.5; 73; 57Gam1And ; 2.26; 13100;occ; 97; 0;43570
20; 4424.2; 30-JUN-2010 22:29:57; Dark ; 49.0; 173; 4Bet Tri ; 3.00; 8900;occ; 98; 0;43570
21; 4677.7; 30-JUN-2010 22:34:10; Dark ; 56.5; 50; 13Alp Ari ; 2.01; 4250;occ; 113; 0;43570
22; 4975.2; 30-JUN-2010 22:39:08; Dark ; 47.5; 94; 92Alp Cet ; 2.53; 3100;occ; 95; 0;43570
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2; 93.4; 30-JUN-2010 22:58:22; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;43571
3; 482.4; 30-JUN-2010 23:04:51; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;43571
4; 599.4; 30-JUN-2010 23:06:48; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;43571
5; 743.3; 30-JUN-2010 23:09:12; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43571
6; 1313.5; 30-JUN-2010 23:18:42; Dark ; 47.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 95; 0;43571
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