

GOMOS Daily Report 09-JUL-2010

Level 0 and Level 1 products

SUMMARY

[1. General Info](#)

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

[2.1 Level 0: products arrived in PCF during current month \(see template here\)](#)

[2.2 Level 0: plot of mission plan versus production during reporting period](#)

[2.3 Level 0: summary of missing occultations with respect to the plan](#)

[2.4 Level 1: products arrived in PCF during reporting period](#)

[3. Plot of Spectrometers and Photometers temperatures](#)

[4. Dark Charge monitoring](#)

[4.1 Products that did not use the Dark Sky Area observation for DC computation](#)

[4.2 Plot of Dark Charge](#)

[5. Demodulation correction and quality product information monitoring](#)

[5.1 Percentage of products with some flags set](#)

[5.2 Plot of quality information per product \(time dependant\)](#)

[5.3 Plot of quality information per product \(world map\)](#)

[6. Star tangent altitude lost](#)

[6.1 Statistics on star tangent altitude lost](#)

[6.2 Plot of star tangent altitude lost: DARK products](#)

[6.3 Plot of star tangent altitude lost: BRIGHT products](#)

[6.3 Plot of star tangent altitude lost: TWILIGHT products](#)

[7. Star Acquisition and Tracking Unit \(SATU\)](#)

[7.1 SATU plots \(dark limb\): 'X' and 'Y' axis](#)

[7.2 SATU Noise Equivalent Angle statistics](#)

[7.2.1 SATU NEA Statistics \(table\)](#)

[7.2.2 Daily SATU NEA STD \(dark limb\) - trend since 1st April 2006](#)

[8. Auxiliary Data Files used for the production reported in section 2.4](#)

[Level 2 products](#)

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	13JUL2010 04:53:45
Data source version	GOMOS/5.01
Start time of products	09JUL2010 00:08:05
Stop time of products	09JUL2010 23:57:26
Store outputs in DB	Yes
Nb of level 1b prods	105
Nb of prods with errors	0

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

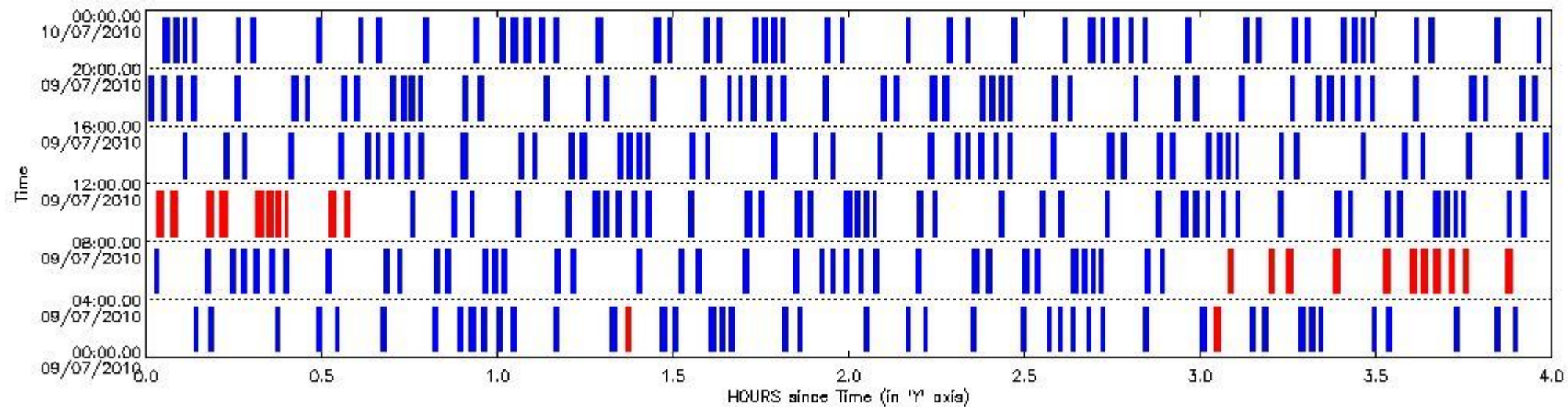
2.1 Level 0 products arrived in PCF (see template [here](#))

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
09-JUL-2010 01:21:49	The1Eri	157	43686
09-JUL-2010 03:02:26	The1Eri	157	43687
09-JUL-2010 07:04:36	17ZetAql	168	43690
09-JUL-2010 07:11:39	3AlpLyr	5	43690
09-JUL-2010 07:14:45	33GamDra	69	43690
09-JUL-2010 07:22:41	5AlpCep	89	43690
09-JUL-2010 07:31:20	27GamCas	76	43690
09-JUL-2010 07:35:46	23GamPer	160	43690
09-JUL-2010 07:37:41	39DelPer	175	43690
09-JUL-2010 07:39:51	26BetPer	79	43690
09-JUL-2010 07:42:29	44ZetPer	150	43690
09-JUL-2010 07:44:55	25EtaTau	146	43690
09-JUL-2010 07:52:08	92AlpCet	94	43690
09-JUL-2010 08:01:52	DSA1066	0	43690
09-JUL-2010 08:04:15	The1Eri	157	43690

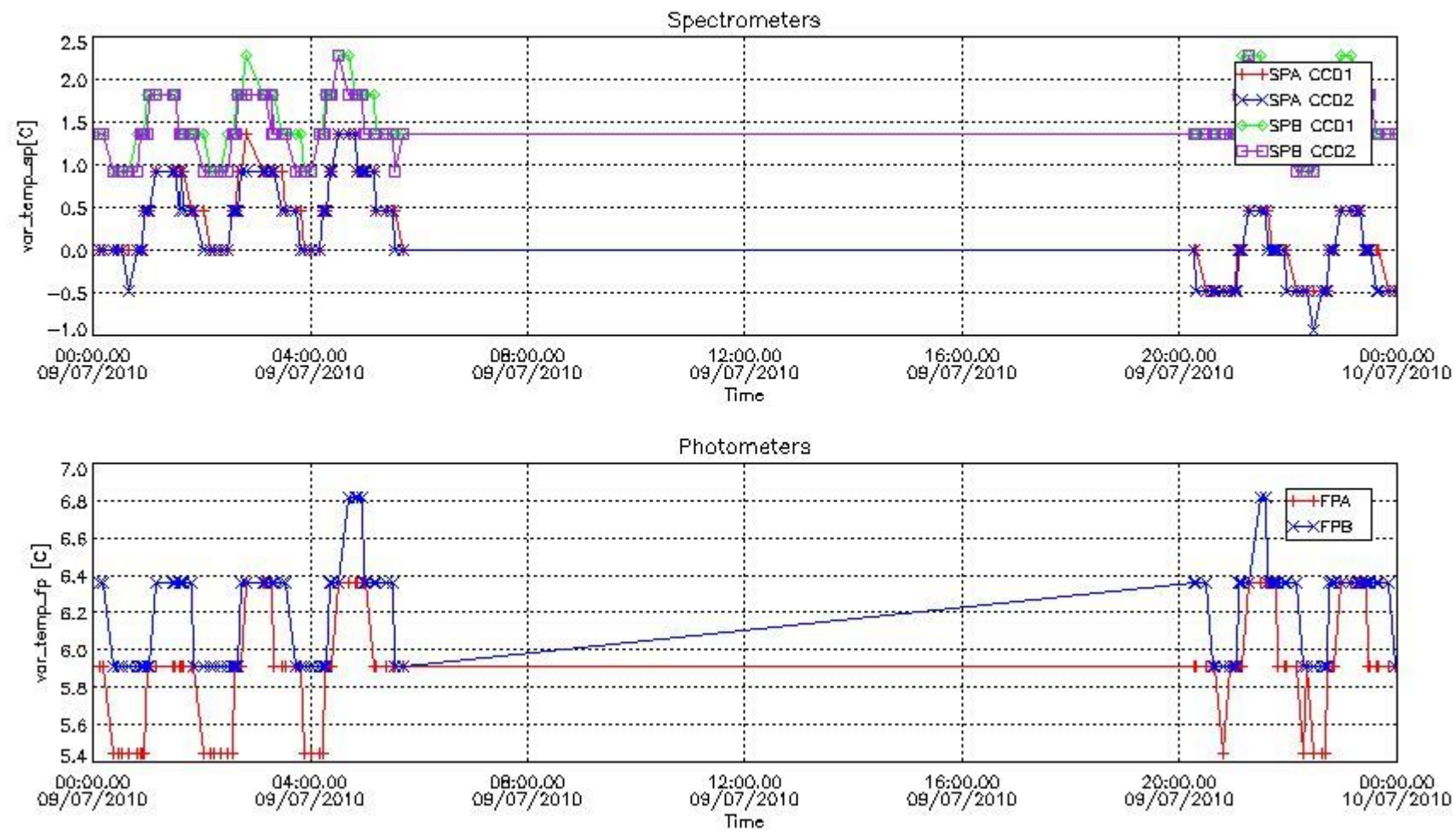
09-JUL-2010 08:10:27	AlpEri	9	43691
09-JUL-2010 08:12:31	AlpPhe	84	43691
09-JUL-2010 08:18:45	BetGru	63	43691
09-JUL-2010 08:20:31	AlpGru	31	43691
09-JUL-2010 08:22:08	AlpPav	45	43691
09-JUL-2010 08:23:39	GamGru	172	43691
09-JUL-2010 08:31:15	38ZetSgr	103	43691
09-JUL-2010 08:33:51	41PiSgr	155	43691

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_1PNPDE20100709_000805_000000462091_00045_43686_5247.N1	09-JUL-2010 00:08:05	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	43686	No
2	GOM_TRA_1PNPDE20100709_001042_000000432091_00045_43686_5248.N1	09-JUL-2010 00:10:42	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	43686	No
3	GOM_TRA_1PNPDE20100709_002205_000000422091_00045_43686_5249.N1	09-JUL-2010 00:22:05	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43686	No
4	GOM_TRA_1PNPDE20100709_002908_000000402091_00045_43686_5250.N1	09-JUL-2010 00:29:08	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43686	No
5	GOM_TRA_1PNPDE20100709_003213_000000362091_00045_43686_5251.N1	09-JUL-2010 00:32:13	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	43686	No
6	GOM_TRA_1PNPDE20100709_004011_000000462091_00045_43686_5252.N1	09-JUL-2010 00:40:11	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43686	No
7	GOM_TRA_1PNPDE20100709_004849_000000482091_00045_43686_5253.N1	09-JUL-2010 00:48:49	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43686	No
8	GOM_TRA_1PNPDE20100709_005314_000000402091_00045_43686_5254.N1	09-JUL-2010 00:53:14	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43686	No
9	GOM_TRA_1PNPDE20100709_005509_000000552091_00045_43686_5255.N1	09-JUL-2010 00:55:09	Bright	55.000	175	39Del Per	3.0100	19400.	110	43686	No
10	GOM_TRA_1PNPDE20100709_005718_000000432091_00045_43686_5256.N1	09-JUL-2010 00:57:18	Bright	42.500	79	26Bet Per	2.3100	13100.	85	43686	No
11	GOM_TRA_1PNPDE20100709_005956_000000432091_00045_43686_5257.N1	09-JUL-2010 00:59:56	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43686	No
12	GOM_TRA_1PNPDE20100709_010221_000000432091_00045_43686_5258.N1	09-JUL-2010 01:02:21	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43686	No
13	GOM_TRA_1PNPDE20100709_010933_000000562091_00045_43686_5259.N1	09-JUL-2010 01:09:33	Dark	55.500	94	92Alp Cet	2.5260	3100.0	111	43686	No
14	GOM_TRA_1PNPDE20100709_012752_000000522091_00046_43687_5281.N1	09-JUL-2010 01:27:52	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43687	No
15	GOM_TRA_1PNPDE20100709_012953_000000542091_00046_43687_5282.N1	09-JUL-2010 01:29:53	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	43687	No
16	GOM_TRA_1PNPDE20100709_013608_000000642091_00046_43687_5283.N1	09-JUL-2010 01:36:08	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	43687	No
17	GOM_TRA_1PNPDE20100709_013755_000000532091_00046_43687_5284.N1	09-JUL-2010 01:37:55	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	43687	No
18	GOM_TRA_1PNPDE20100709_013933_000000432091_00046_43687_5285.N1	09-JUL-2010 01:39:33	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43687	No
19	GOM_TRA_1PNPDE20100709_014842_000000452091_00046_43687_5286.N1	09-JUL-2010 01:48:42	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	43687	No
20	GOM_TRA_1PNPDE20100709_015117_000000422091_00046_43687_5287.N1	09-JUL-2010 01:51:17	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43687	No
21	GOM_TRA_1PNPDE20100709_020240_000000452091_00046_43687_5288.N1	09-JUL-2010 02:02:40	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	43687	No
22	GOM_TRA_1PNPDE20100709_020943_000000402091_00046_43687_5289.N1	09-JUL-2010 02:09:43	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43687	No
23	GOM_TRA_1PNPDE20100709_021249_000000352091_00046_43687_5290.N1	09-JUL-2010 02:12:49	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	43687	No
24	GOM_TRA_1PNPDE20100709_022046_000000442091_00046_43687_5291.N1	09-JUL-2010 02:20:46	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43687	No
25	GOM_TRA_1PNPDE20100709_022924_000000462091_00046_43687_5292.N1	09-JUL-2010 02:29:24	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	43687	No
26	GOM_TRA_1PNPDE20100709_023350_000000402091_00046_43687_5293.N1	09-JUL-2010 02:33:50	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43687	No
27	GOM_TRA_1PNPDE20100709_023544_000000392091_00046_43687_5294.N1	09-JUL-2010 02:35:44	Bright	38.500	175	39Del Per	3.0100	19400.	77	43687	No
28	GOM_TRA_1PNPDE20100709_023754_000000422091_00046_43687_5295.N1	09-JUL-2010 02:37:54	Bright	41.500	79	26Bet Per	2.3100	13100.	83	43687	No
29	GOM_TRA_1PNPDE20100709_024032_000000442091_00046_43687_5296.N1	09-JUL-2010 02:40:32	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43687	No
30	GOM_TRA_1PNPDE20100709_024257_000000432091_00046_43687_5297.N1	09-JUL-2010 02:42:57	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43687	No
31	GOM_TRA_1PNPDE20100709_025009_000000522091_00046_43687_5298.N1	09-JUL-2010 02:50:09	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	43687	No
32	GOM_TRA_1PNPDE20100709_030828_000000422091_00047_43688_5299.N1	09-JUL-2010 03:08:28	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43688	No
33	GOM_TRA_1PNPDE20100709_031030_000000592091_00047_43688_5300.N1	09-JUL-2010 03:10:30	Dark	58.500	84	Alp Phe	2.3970	4500.0	117	43688	No
34	GOM_TRA_1PNPDE20100709_031645_000000662091_00047_43688_5301.N1	09-JUL-2010 03:16:45	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	43688	No
35	GOM_TRA_1PNPDE20100709_031832_000000502091_00047_43688_5302.N1	09-JUL-2010 03:18:32	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43688	No
36	GOM_TRA_1PNPDE20100709_032010_000000432091_00047_43688_5303.N1	09-JUL-2010 03:20:10	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43688	No
37	GOM_TRA_1PNPDE20100709_032918_000000442091_00047_43688_5304.N1	09-JUL-2010 03:29:18	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	43688	No
38	GOM_TRA_1PNPDE20100709_033154_000000432091_00047_43688_5305.N1	09-JUL-2010 03:31:54	Bright	43.000	155	41Pi Sgr	2.9000	6600.0	86	43688	No
39	GOM_TRA_1PNPDE20100709_034316_000000432091_00047_43688_5306.N1	09-JUL-2010 03:43:16	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	43688	No
40	GOM_TRA_1PNPDE20100709_035019_000000412091_00047_43688_5307.N1	09-JUL-2010 03:50:19	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43688	No
41	GOM_TRA_1PNPDE20100709_035325_000000392091_00047_43688_5308.N1	09-JUL-2010 03:53:25	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43688	No
42	GOM_TRA_1PNPDE20100709_040122_000000452091_00047_43688_5304.N1	09-JUL-2010 04:01:22	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43688	No
43	GOM_TRA_1PNPDE20100709_041000_000000472091_00047_43688_5305.N1	09-JUL-2010 04:10:00	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43688	No
44	GOM_TRA_1PNPDE20100709_041426_000000392091_00047_43688_5306.N1	09-JUL-2010 04:14:26	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	43688	No
45	GOM_TRA_1PNPDE20100709_041620_000000372091_00047_43688_5307.N1	09-JUL-2010 04:16:20	Bright	37.000	175	39Del Per	3.0100	19400.	74	43688	No
46	GOM_TRA_1PNPDE20100709_041830_000000422091_00047_43688_5308.N1	09-JUL-2010 04:18:30	Bright	42.000	79	26Bet Per	2.3100	13100.	84	43688	No

47	GOM_TRA_1PNPDE20100709_042108_000000422091_00047_43688_5309.N1	09-JUL-2010 04:21:08	Bright	42.000	150	44Zet Per	2.8900	28000.	84	43688	No
48	GOM_TRA_1PNPDE20100709_042334_000000422091_00047_43688_5310.N1	09-JUL-2010 04:23:34	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	43688	No
49	GOM_TRA_1PNPDE20100709_043046_000000522091_00047_43688_5311.N1	09-JUL-2010 04:30:46	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	43688	No
50	GOM_TRA_1PNPDE20100709_044254_000000432091_00047_43688_5312.N1	09-JUL-2010 04:42:54	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43688	No
51	GOM_TRA_1PNPDE20100709_044905_000000552091_00048_43689_5313.N1	09-JUL-2010 04:49:05	Dark	55.000	9	Alp Eri	0.45300	24000.	110	43689	No
52	GOM_TRA_1PNPDE20100709_045108_000000502091_00048_43689_5314.N1	09-JUL-2010 04:51:08	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43689	No
53	GOM_TRA_1PNPDE20100709_045722_000000522091_00048_43689_5315.N1	09-JUL-2010 04:57:22	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	43689	No
54	GOM_TRA_1PNPDE20100709_045909_000000492091_00048_43689_5316.N1	09-JUL-2010 04:59:09	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43689	No
55	GOM_TRA_1PNPDE20100709_050047_000000422091_00048_43689_5317.N1	09-JUL-2010 05:00:47	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43689	No
56	GOM_TRA_1PNPDE20100709_050954_000000472091_00048_43689_5318.N1	09-JUL-2010 05:09:54	Bright	46.500	103	38Zet Sgr	2.6000	9700.0	93	43689	No
57	GOM_TRA_1PNPDE20100709_051230_000000432091_00048_43689_5319.N1	09-JUL-2010 05:12:30	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	43689	No
58	GOM_TRA_1PNPDE20100709_052351_000000442091_00048_43689_5320.N1	09-JUL-2010 05:23:51	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	43689	No
59	GOM_TRA_1PNPDE20100709_053055_000000452091_00048_43689_5321.N1	09-JUL-2010 05:30:55	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	43689	No
60	GOM_TRA_1PNPDE20100709_053401_000000382091_00048_43689_5322.N1	09-JUL-2010 05:34:01	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	43689	No
61	GOM_TRA_1PNPDE20100709_054157_000000442091_00048_43689_5323.N1	09-JUL-2010 05:41:57	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43689	No
62	GOM_TRA_1PNPDE20100709_201520_000000452091_00057_43698_5441.N1	09-JUL-2010 20:15:20	Bright	45.000	103	38Zet Sgr	2.6000	9700.0	90	43698	No
63	GOM_TRA_1PNPDE20100709_201755_000000412091_00057_43698_5442.N1	09-JUL-2010 20:17:55	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43698	No
64	GOM_TRA_1PNPDE20100709_202912_000000422091_00057_43698_5443.N1	09-JUL-2010 20:29:12	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	43698	No
65	GOM_TRA_1PNPDE20100709_203615_000000402091_00057_43698_5444.N1	09-JUL-2010 20:36:15	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43698	No
66	GOM_TRA_1PNPDE20100709_203923_000000392091_00057_43698_5445.N1	09-JUL-2010 20:39:23	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43698	No
67	GOM_TRA_1PNPDE20100709_204715_000000452091_00057_43698_5446.N1	09-JUL-2010 20:47:15	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43698	No
68	GOM_TRA_1PNPDE20100709_205555_000000462091_00057_43698_5447.N1	09-JUL-2010 20:55:55	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	43698	No
69	GOM_TRA_1PNPDE20100709_210024_000000582091_00057_43698_5448.N1	09-JUL-2010 21:00:24	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	43698	No
70	GOM_TRA_1PNPDE20100709_210220_000000562091_00057_43698_5449.N1	09-JUL-2010 21:02:20	Bright	56.000	175	39Del Per	3.0100	19400.	112	43698	No
71	GOM_TRA_1PNPDE20100709_210430_000000602091_00057_43698_5450.N1	09-JUL-2010 21:04:30	Bright	60.000	79	26Bet Per	2.3100	13100.	120	43698	No
72	GOM_TRA_1PNPDE20100709_210709_000000422091_00057_43698_5451.N1	09-JUL-2010 21:07:09	Bright	41.500	150	44Zet Per	2.8900	28000.	83	43698	No
73	GOM_TRA_1PNPDE20100709_210935_000000432091_00057_43698_5452.N1	09-JUL-2010 21:09:35	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43698	No
74	GOM_TRA_1PNPDE20100709_211651_000000572091_00057_43698_5453.N1	09-JUL-2010 21:16:51	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	43698	No
75	GOM_TRA_1PNPDE20100709_212858_000000412091_00057_43698_5462.N1	09-JUL-2010 21:28:58	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43698	No
76	GOM_TRA_1PNPDE20100709_213510_000000492091_00058_43699_5463.N1	09-JUL-2010 21:35:10	Dark	49.000	9	Alp Eri	0.45300	24000.	98	43699	No
77	GOM_TRA_1PNPDE20100709_213718_000000542091_00058_43699_5464.N1	09-JUL-2010 21:37:18	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43699	No
78	GOM_TRA_1PNPDE20100709_214331_000000572091_00058_43699_5465.N1	09-JUL-2010 21:43:31	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	43699	No
79	GOM_TRA_1PNPDE20100709_214516_000000472091_00058_43699_5466.N1	09-JUL-2010 21:45:16	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43699	No
80	GOM_TRA_1PNPDE20100709_214650_000000472091_00058_43699_5467.N1	09-JUL-2010 21:46:50	Straylight	47.000	45	Alp Pav	1.9400	26000.	94	43699	No
81	GOM_TRA_1PNPDE20100709_214824_000000352091_00058_43699_5468.N1	09-JUL-2010 21:48:24	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	43699	No
82	GOM_TRA_1PNPDE20100709_215556_000000452091_00058_43699_5469.N1	09-JUL-2010 21:55:56	Bright	45.000	103	38Zet Sgr	2.6000	9700.0	90	43699	No
83	GOM_TRA_1PNPDE20100709_215831_000000422091_00058_43699_5470.N1	09-JUL-2010 21:58:31	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	43699	No
84	GOM_TRA_1PNPDE20100709_220948_000000412091_00058_43699_5471.N1	09-JUL-2010 22:09:48	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	43699	No
85	GOM_TRA_1PNPDE20100709_221651_000000412091_00058_43699_5472.N1	09-JUL-2010 22:16:51	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43699	No
86	GOM_TRA_1PNPDE20100709_221958_000000352091_00058_43699_5473.N1	09-JUL-2010 22:19:58	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	43699	No
87	GOM_TRA_1PNPDE20100709_222750_000000442091_00058_43699_5474.N1	09-JUL-2010 22:27:50	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43699	No
88	GOM_TRA_1PNPDE20100709_223630_000000462091_00058_43699_5475.N1	09-JUL-2010 22:36:30	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	43699	No
89	GOM_TRA_1PNPDE20100709_224100_000000522091_00058_43699_5476.N1	09-JUL-2010 22:41:00	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	43699	No
90	GOM_TRA_1PNPDE20100709_224255_000000412091_00058_43699_5477.N1	09-JUL-2010 22:42:55	Bright	41.000	175	39Del Per	3.0100	19400.	82	43699	No
91	GOM_TRA_1PNPDE20100709_224505_000000552091_00058_43699_5478.N1	09-JUL-2010 22:45:05	Bright	55.000	79	26Bet Per	2.3100	13100.	110	43699	No
92	GOM_TRA_1PNPDE20100709_224745_000000432091_00058_43699_5479.N1	09-JUL-2010 22:47:45	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43699	No
93	GOM_TRA_1PNPDE20100709_225011_000000432091_00058_43699_5480.N1	09-JUL-2010 22:50:11	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43699	No
94	GOM_TRA_1PNPDE20100709_225727_000000542091_00058_43699_5481.N1	09-JUL-2010 22:57:27	Dark	54.000	94	92Alp Cet	2.5260	3100.0	108	43699	No
95	GOM_TRA_1PNPDE20100709_230935_000000432091_00058_43699_5480.N1	09-JUL-2010 23:09:35	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43699	No
96	GOM_TRA_1PNPDE20100709_231546_000000502091_00059_43700_5481.N1	09-JUL-2010 23:15:46	Dark	50.000	9	Alp Eri	0.45300	24000.	100	43700	No
97	GOM_TRA_1PNPDE20100709_231755_000000512091_00059_43700_5482.N1	09-JUL-2010 23:17:55	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43700	No
98	GOM_TRA_1PNPDE20100709_232407_000000482091_00059_43700_5483.N1	09-JUL-2010 23:24:07	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	43700	No
99	GOM_TRA_1PNPDE20100709_232553_000000572091_00059_43700_5484.N1	09-JUL-2010 23:25:53	Straylight	57.000	31	Alp Gru	1.7340	15200.	114	43700	No
100	GOM_TRA_1PNPDE20100709_232726_000000412091_00059_43700_5485.N1	09-JUL-2010 23:27:26	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43700	No
101	GOM_TRA_1PNPDE20100709_232901_000000372091_00059_43700_5486.N1	09-JUL-2010 23:29:01	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	43700	No
102	GOM_TRA_1PNPDE20100709_233632_000000442091_00059_43700_5487.N1	09-JUL-2010 23:36:32	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	43700	No
103	GOM_TRA_1PNPDE20100709_233907_000000422091_00059_43700_5488.N1	09-JUL-2010 23:39:07	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43700	No
104	GOM_TRA_1PNPDE20100709_235023_000000432091_00059_43700_5489.N1	09-JUL-2010 23:50:23	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	43700	No
105	GOM_TRA_1PNPDE20100709_235726_000000382091_00059_43700_5490.N1	09-JUL-2010 23:57:26	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43700	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).

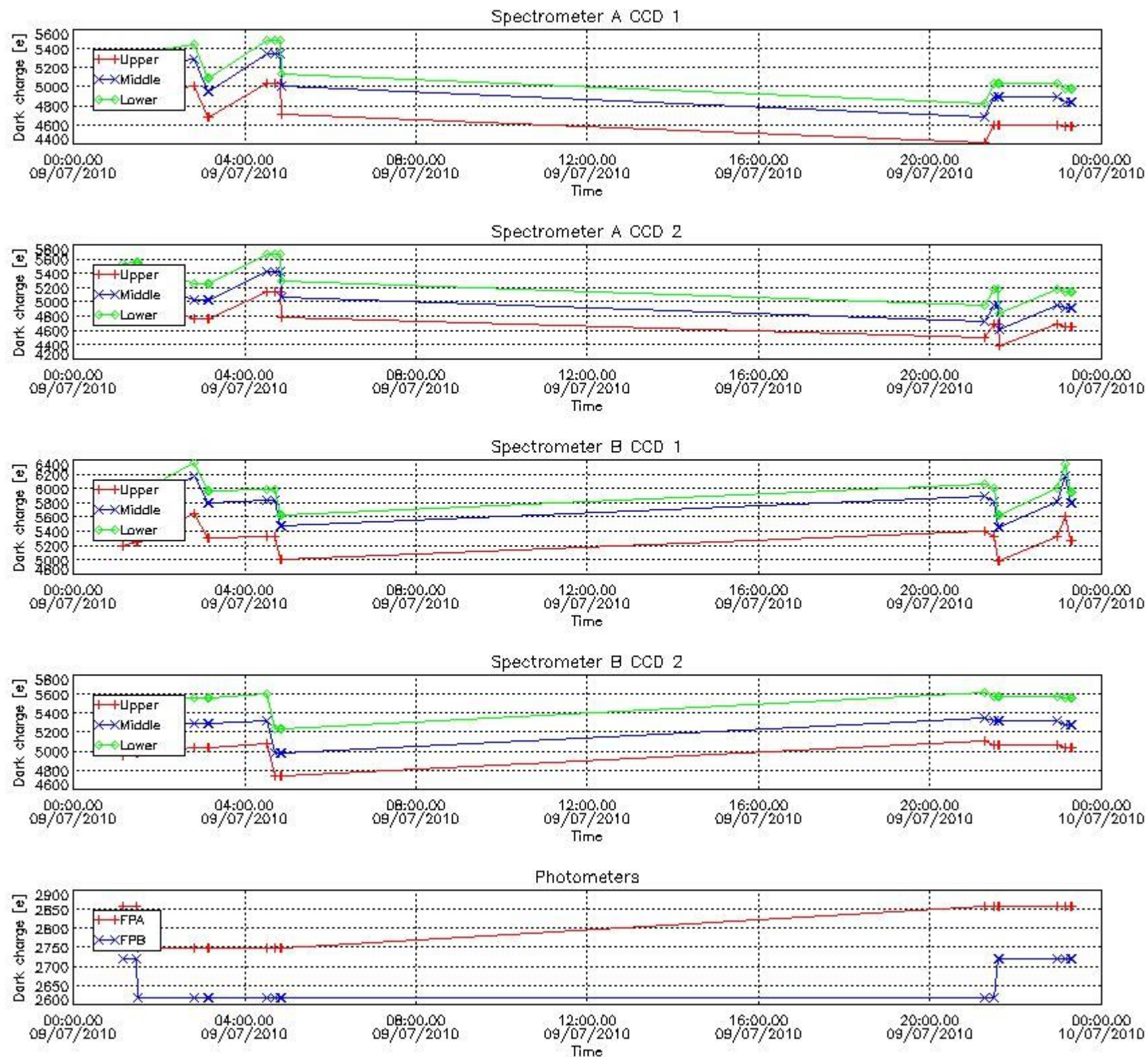
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20100709_201520_000000452091_00057_43698_5441.N1	DC map used
GOM_TRA_1PNPDE20100709_201755_000000412091_00057_43698_5442.N1	DC map used
GOM_TRA_1PNPDE20100709_202912_000000422091_00057_43698_5443.N1	DC map used
GOM_TRA_1PNPDE20100709_203615_000000402091_00057_43698_5444.N1	DC map used
GOM_TRA_1PNPDE20100709_203923_000000392091_00057_43698_5445.N1	DC map used
GOM_TRA_1PNPDE20100709_204715_000000452091_00057_43698_5446.N1	DC map used
GOM_TRA_1PNPDE20100709_205555_000000462091_00057_43698_5447.N1	DC map used
GOM_TRA_1PNPDE20100709_210024_000000582091_00057_43698_5448.N1	DC map used
GOM_TRA_1PNPDE20100709_210220_000000562091_00057_43698_5449.N1	DC map used
GOM_TRA_1PNPDE20100709_210430_000000602091_00057_43698_5450.N1	DC map used

GOM_TRA_1PNPDE20100709_210709_000000422091_00057_43698_5451.N1	DC map used
GOM_TRA_1PNPDE20100709_210935_000000432091_00057_43698_5452.N1	DC map used
GOM_TRA_1PNPDE20100709_211651_000000572091_00057_43698_5453.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

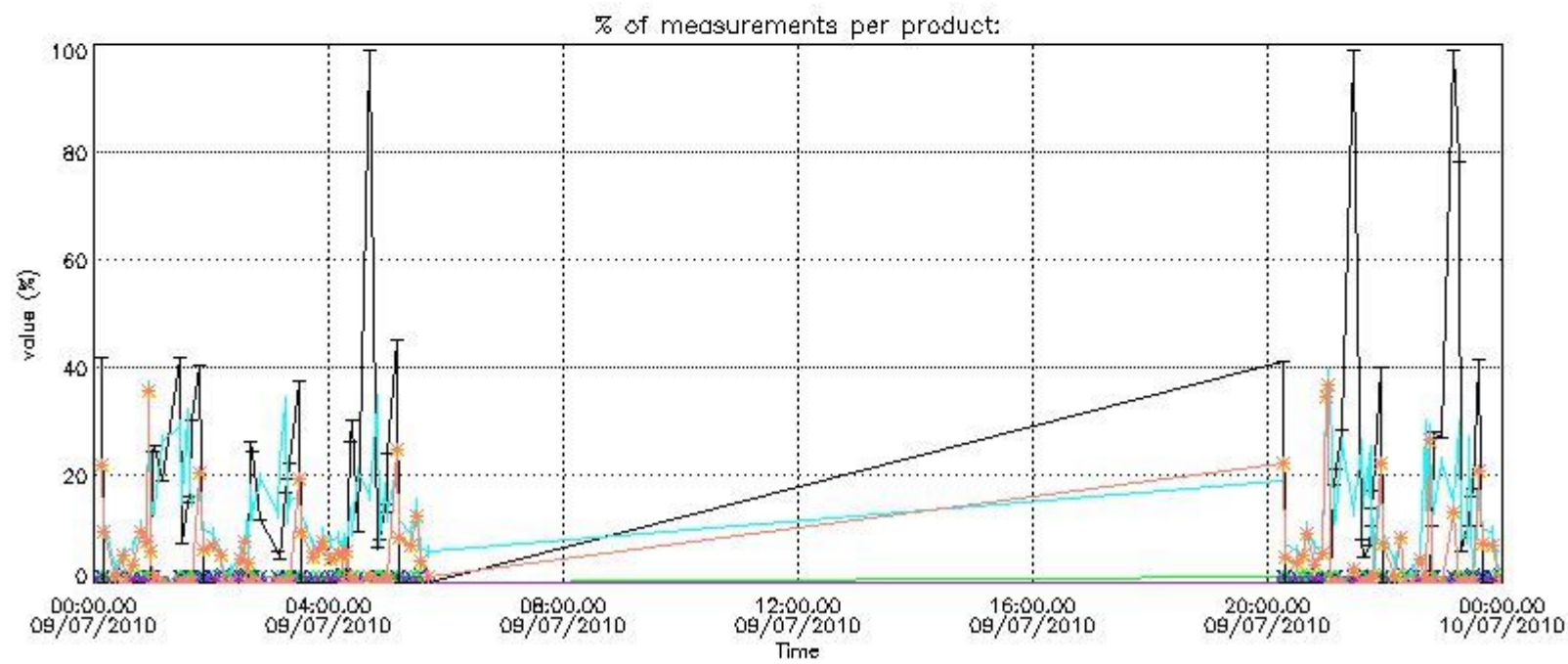
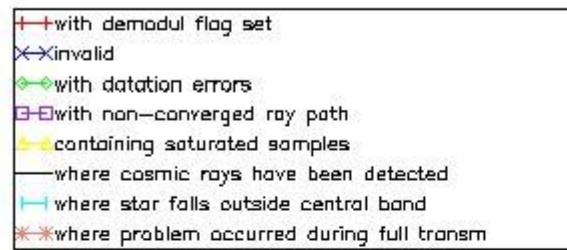
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors

(error flag in the MPH set to "0") are used.

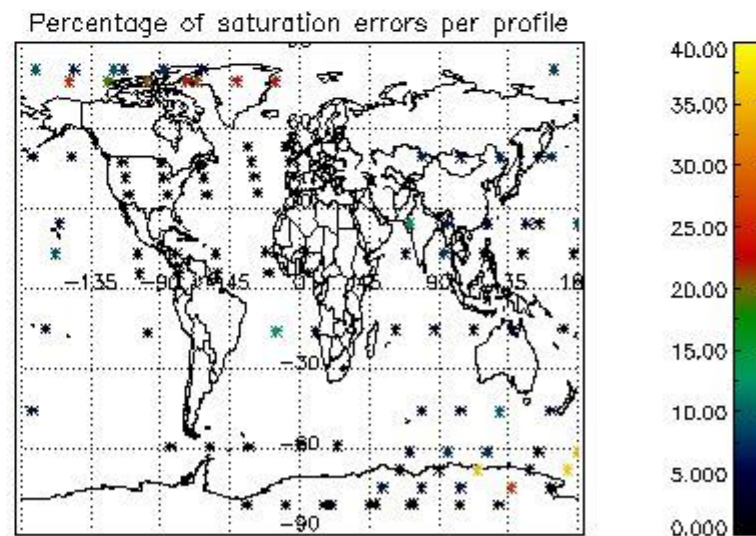
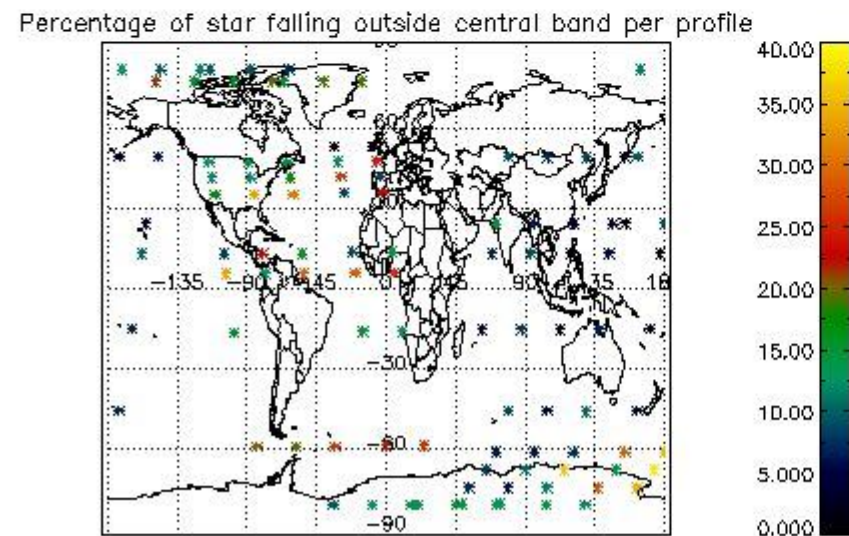
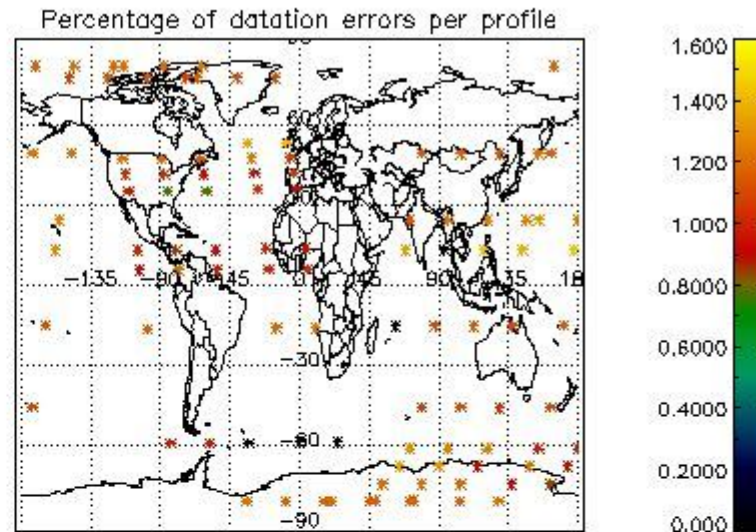
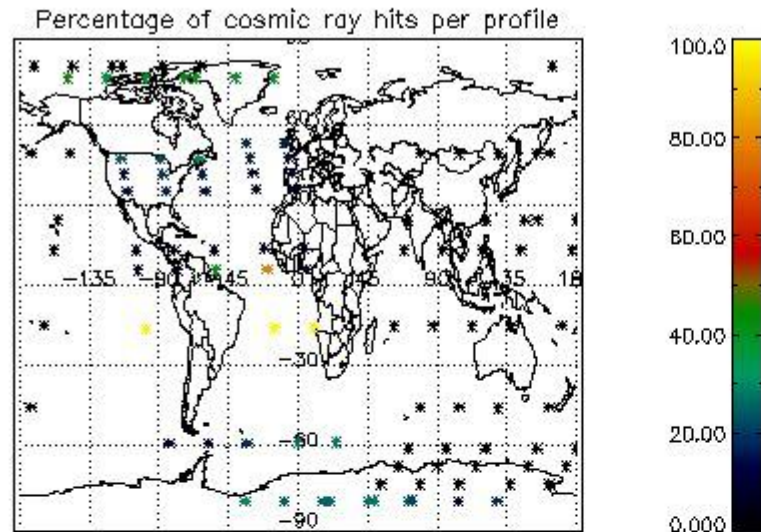
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	36.1905 %
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)



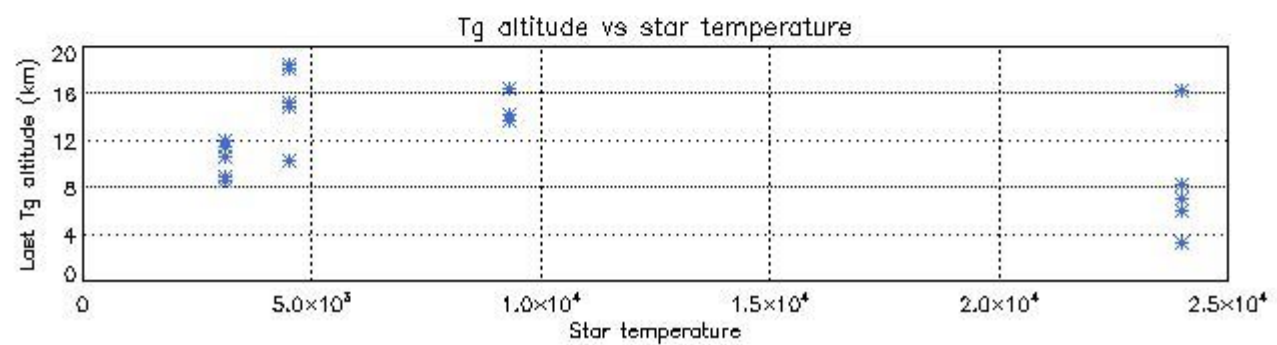
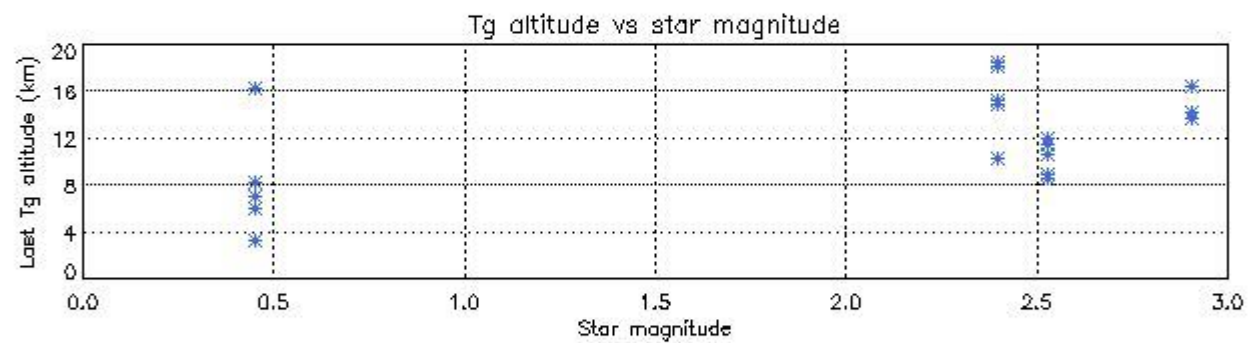
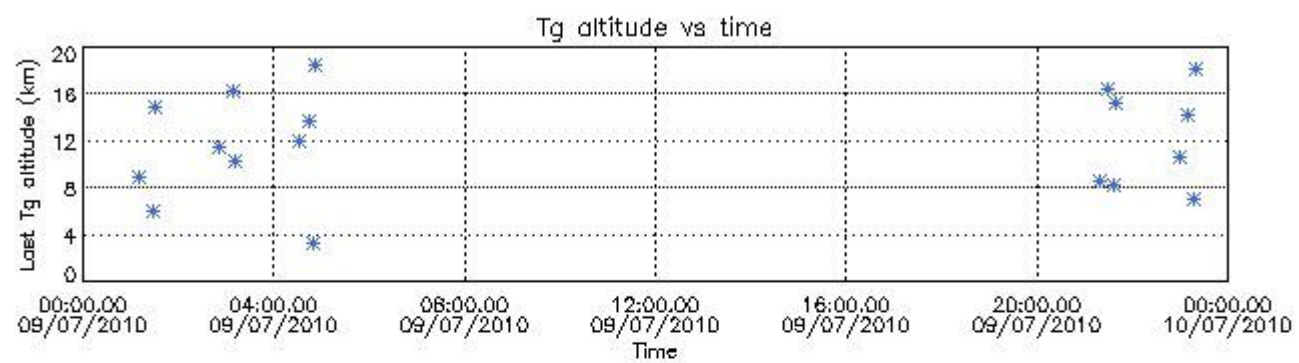
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	11.875	17.910	14.744
St. deviation:	4.3514	5.3176	0.68984
Maximum:	18.456	25.578	15.802
Minimum:	3.3196	4.0773	14.006
Number of data:	18.000	65.000	5.0000

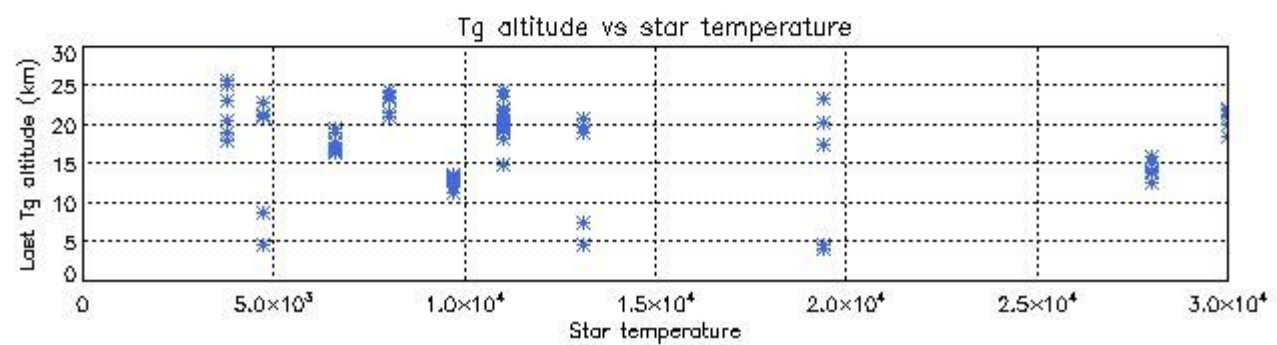
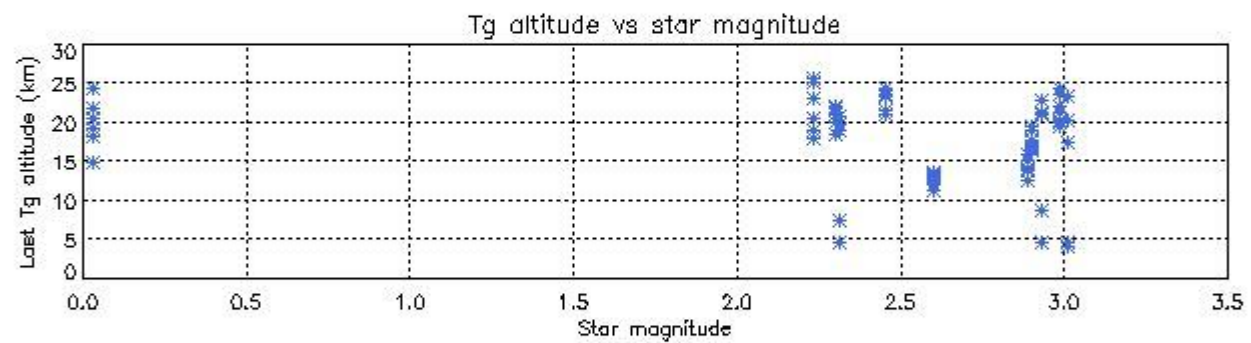
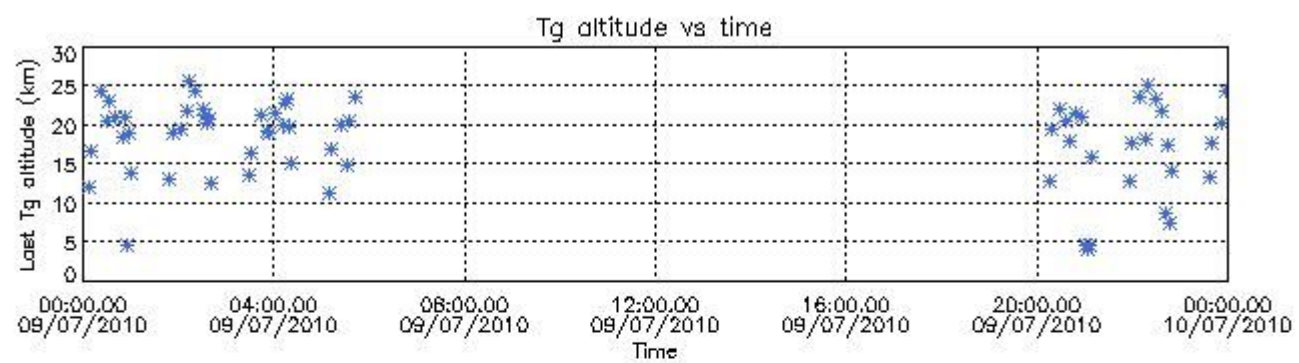
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



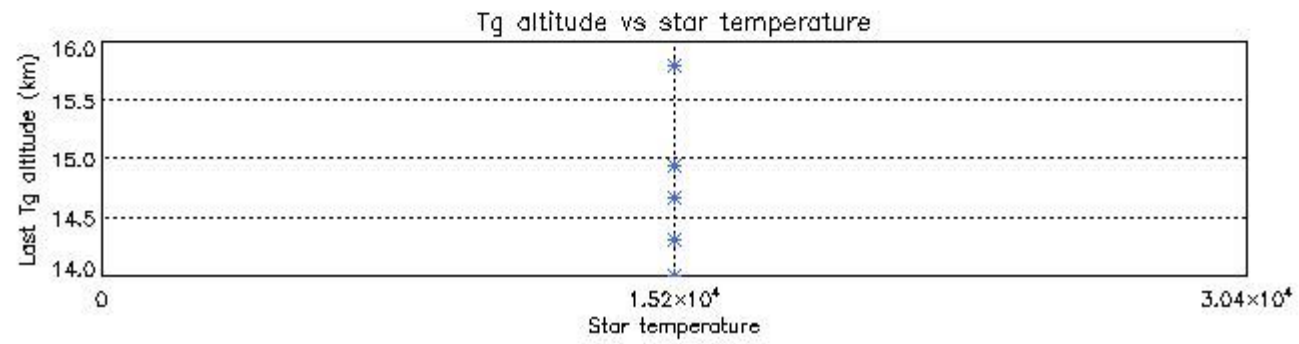
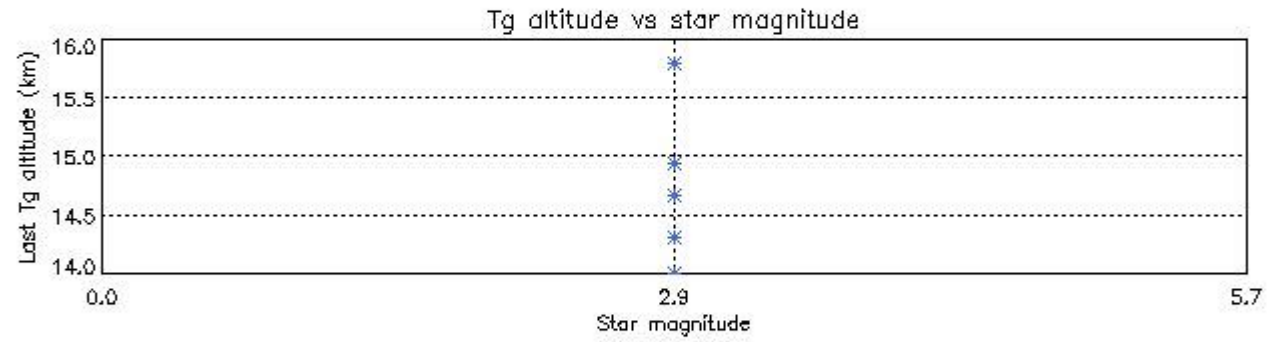
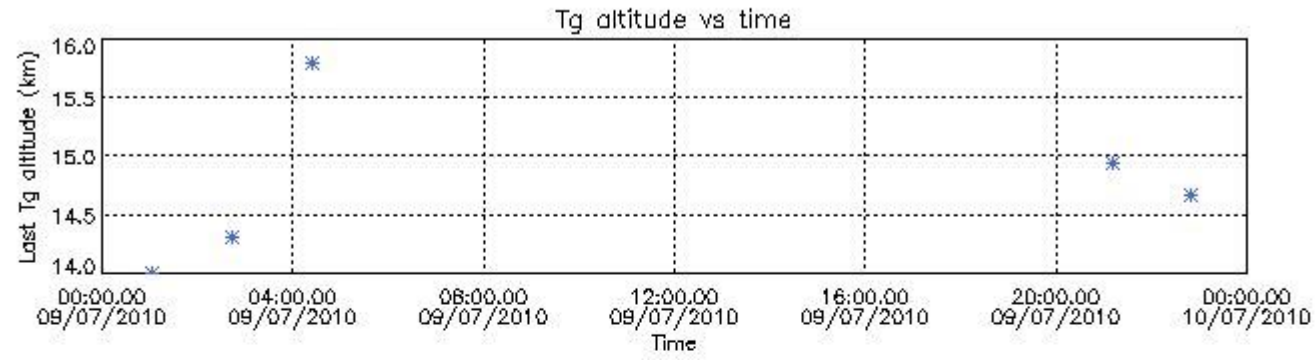
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

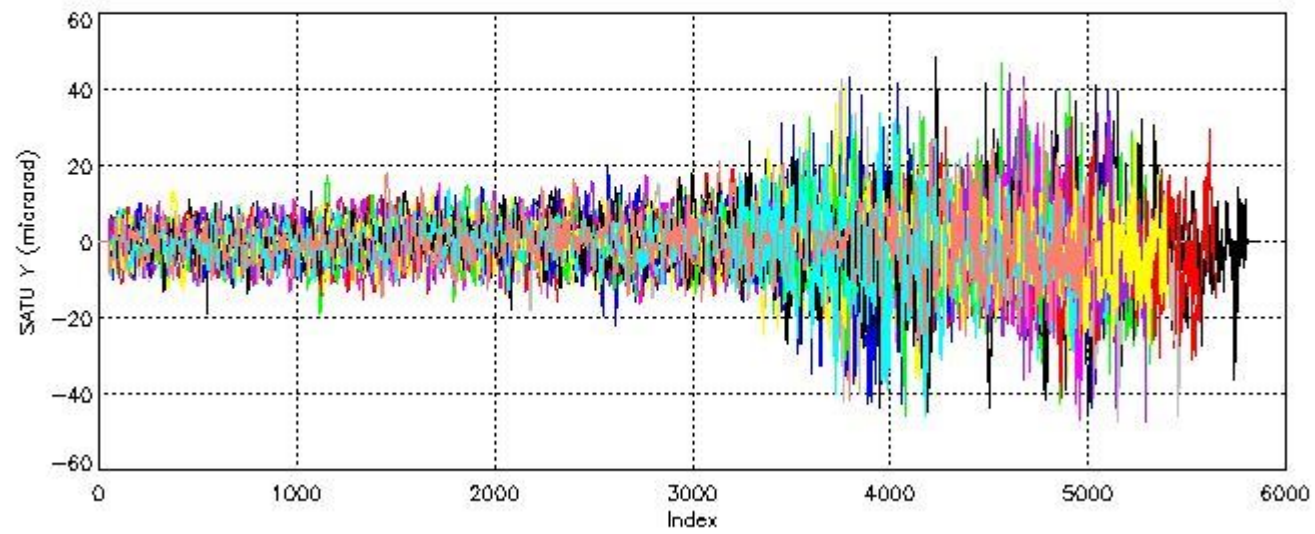
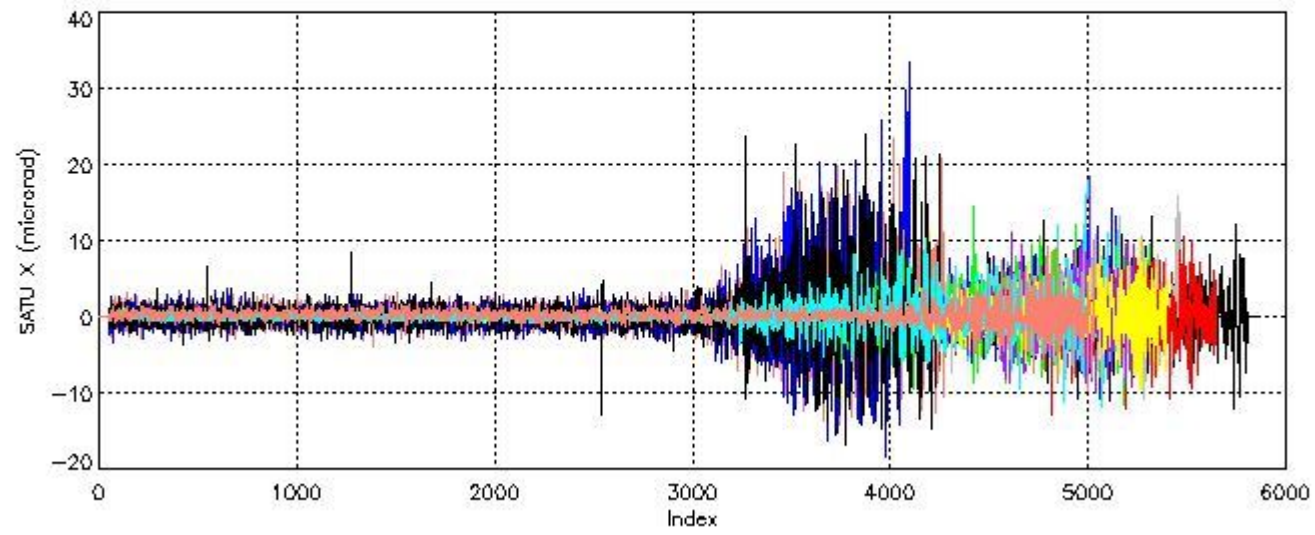


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere.

Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.13890	-0.65737	0.18945	-0.57984
St. deviation:	0.45880	3.9787	0.89684	3.8733
Maximum:	6.6000	17.500	6.5000	16.400
Minimum:	-3.6000	-19.200	-5.7000	-19.700

Number of data:	18550.	18550.	63100.	63100.
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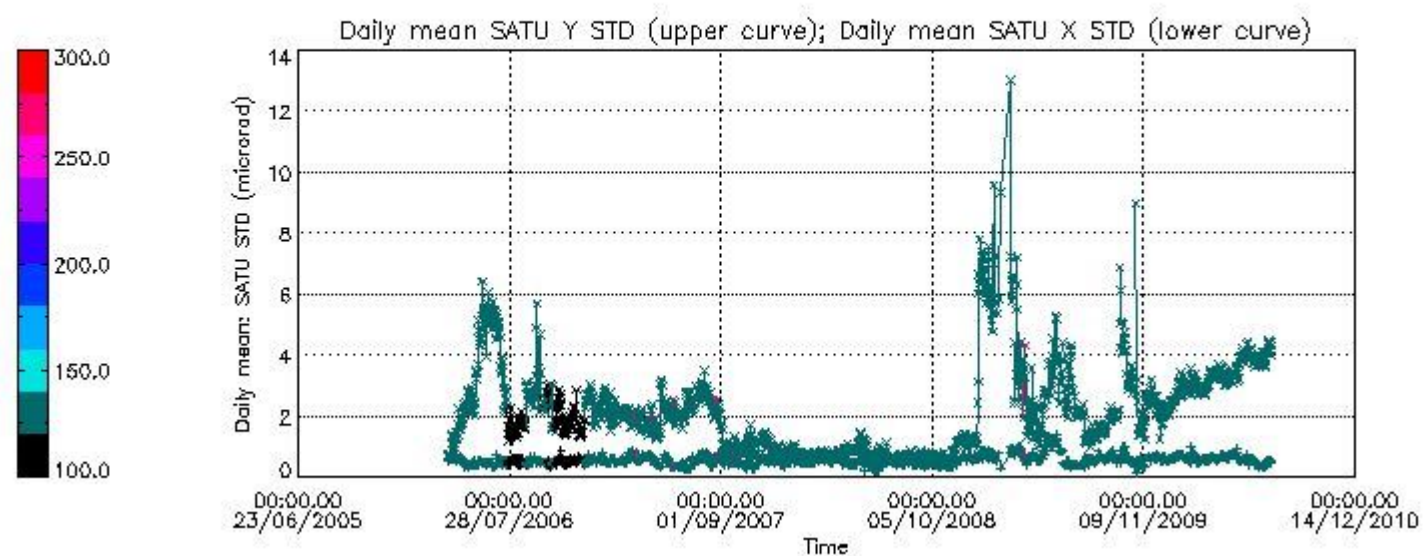
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

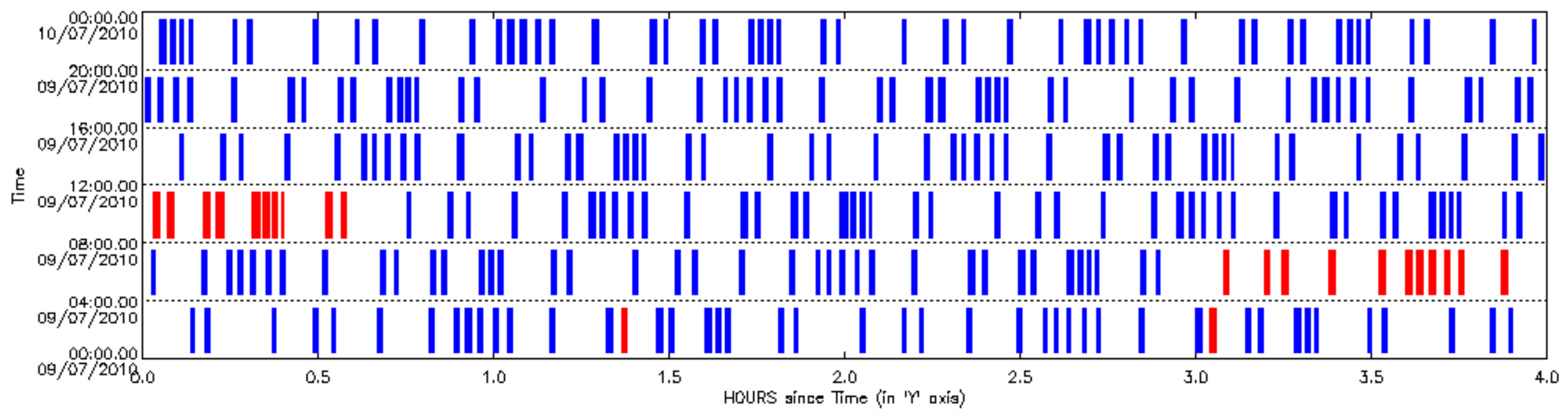
Lower curve: STD of SATU X axis

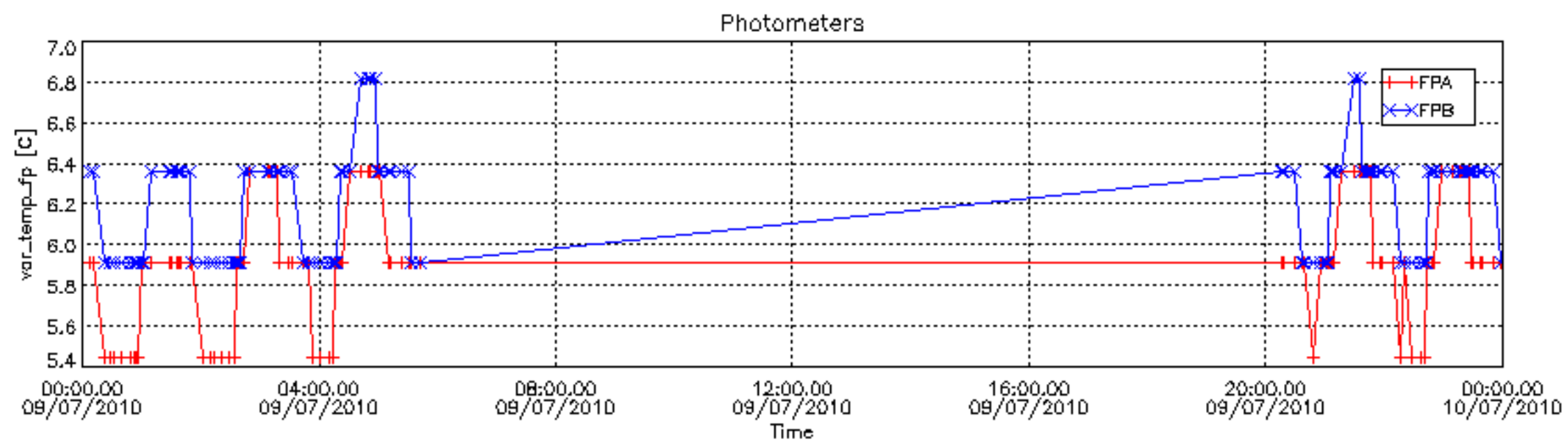
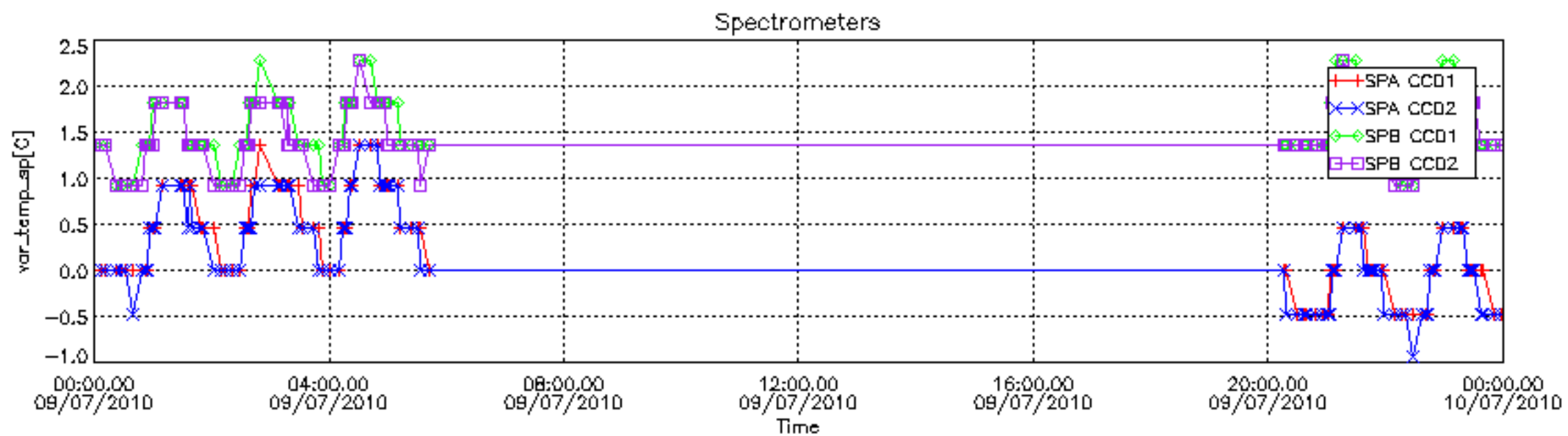


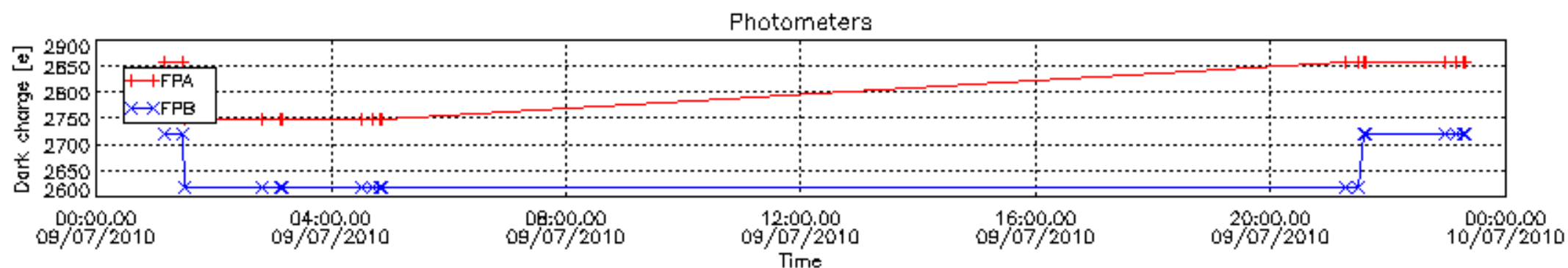
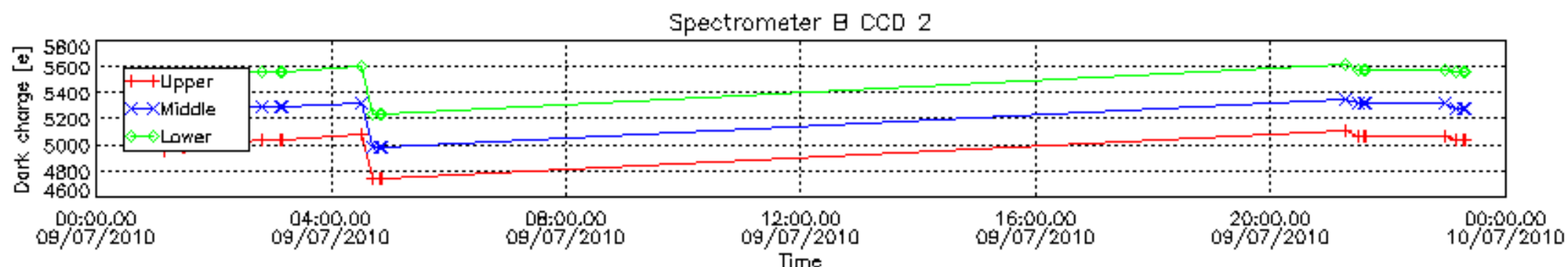
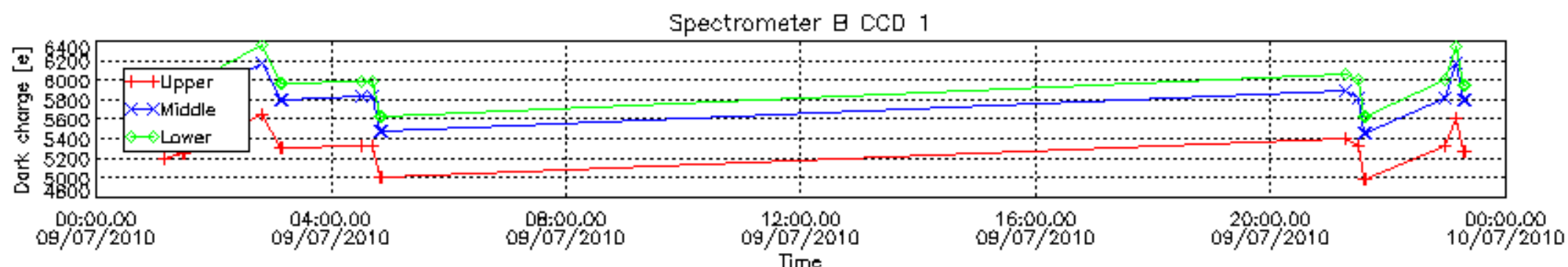
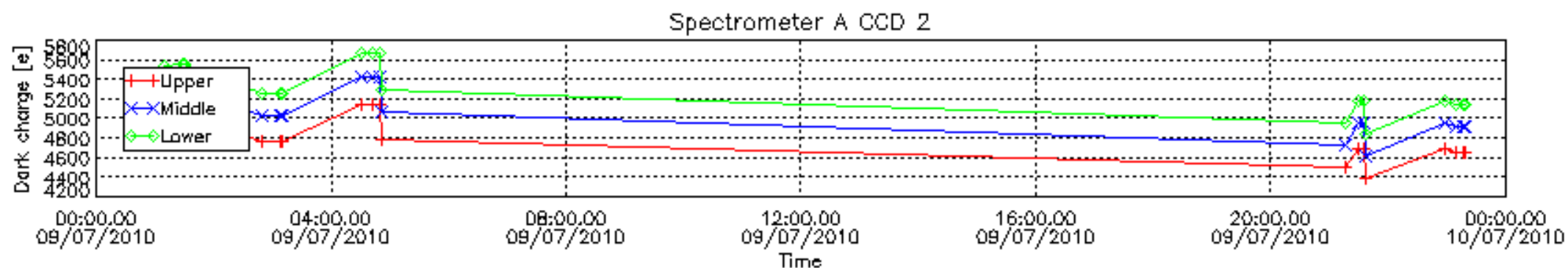
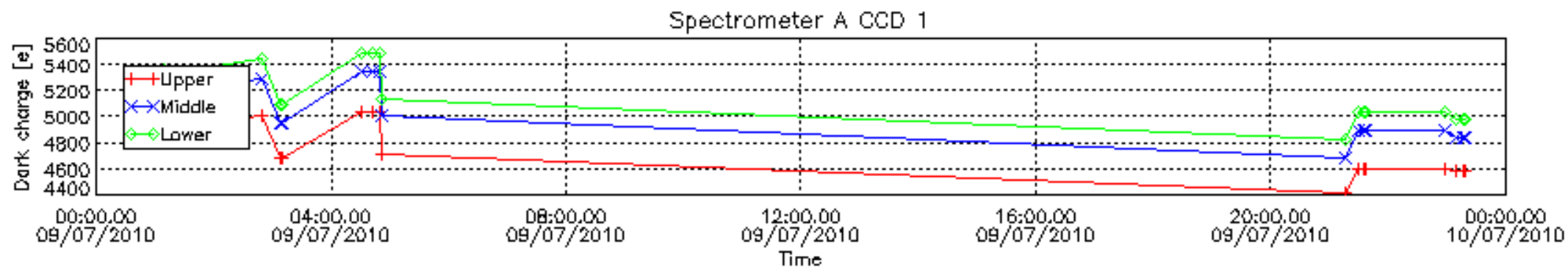
8. Auxiliary Data Files used for the production reported in section 2.4

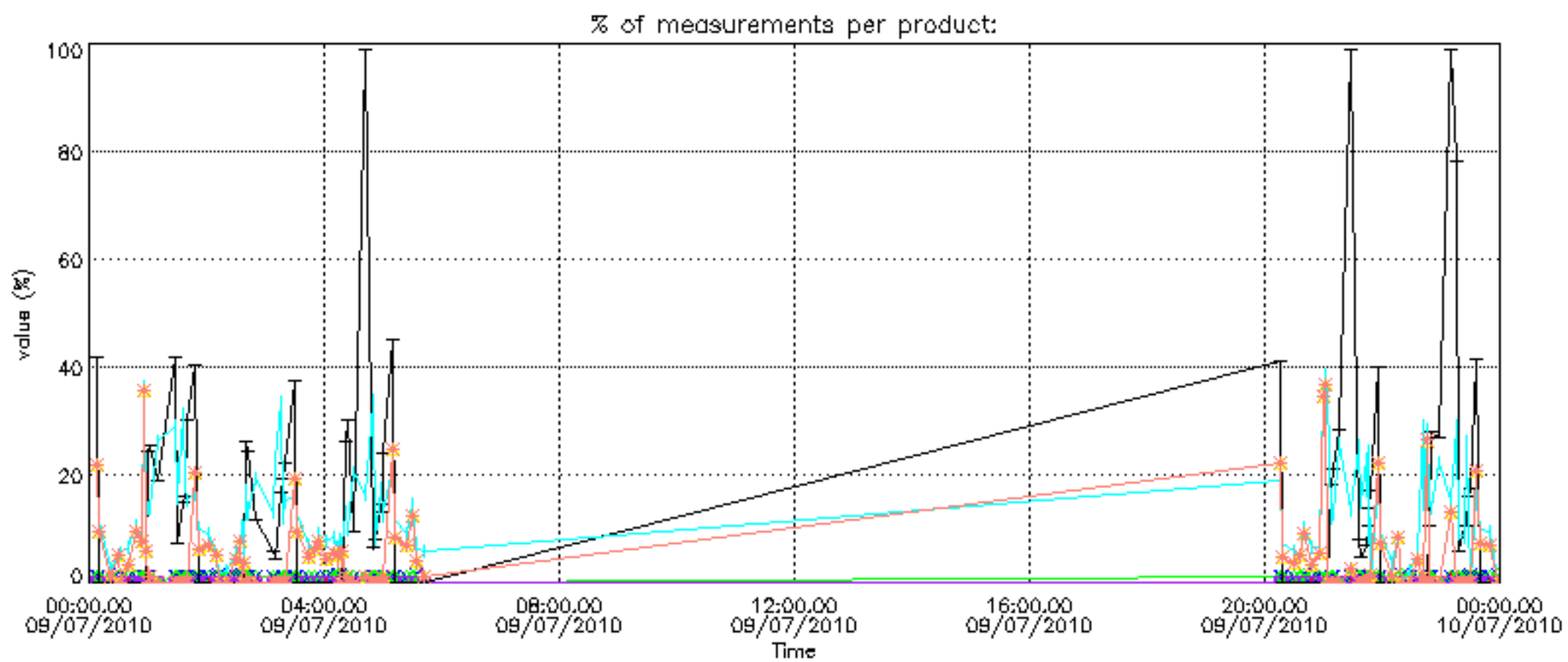
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-JUL-2010 00:08:05
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100706_092041_20100704_000000_20500101_000000	1	09-JUL-2010 00:08:05
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	09-JUL-2010 00:08:05
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	09-JUL-2010 00:08:05
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	09-JUL-2010 00:08:05
ECMWF_FILE	AUX_ECF_AXNECM20100708_054112_20100708_210000_20100709_090000	1	09-JUL-2010 00:08:05
ECMWF_FILE	AUX_ECF_AXNECM20100708_170549_20100709_030000_20100709_150000	42	09-JUL-2010 04:01:22
ECMWF_FILE	AUX_ECF_AXNECM20100709_052115_20100709_150000_20100710_030000	62	09-JUL-2010 20:15:20
ECMWF_FILE	AUX_ECF_AXNECM20100709_054114_20100709_210000_20100710_090000	75	09-JUL-2010 21:28:58
OPTIONAL_ECMWF_FILE	MISSING	1	09-JUL-2010 00:08:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100708_233102_000057382091_00044_43685_0710.N1	1	09-JUL-2010 00:08:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100709_011158_000092452091_00045_43686_0711.N1	14	09-JUL-2010 01:27:52
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100709_035122_000066952091_00047_43688_0712.N1	42	09-JUL-2010 04:01:22
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100709_200341_000041442091_00057_43698_0713.N1	62	09-JUL-2010 20:15:20
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100709_211804_000057382091_00057_43698_0714.N1	75	09-JUL-2010 21:28:58
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100709_225901_000057382091_00058_43699_0715.N1	95	09-JUL-2010 23:09:35

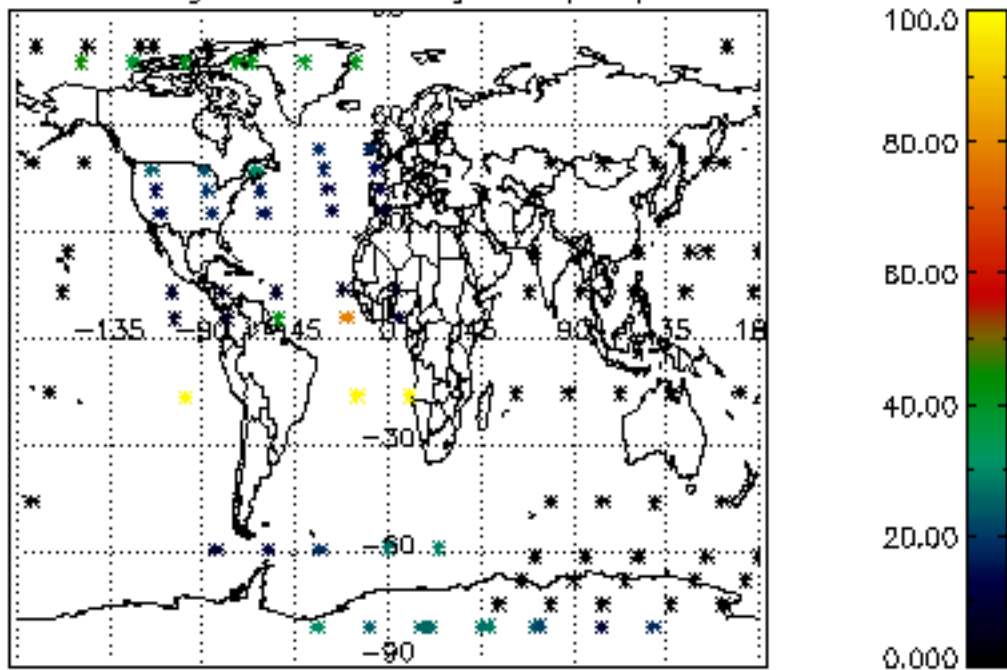




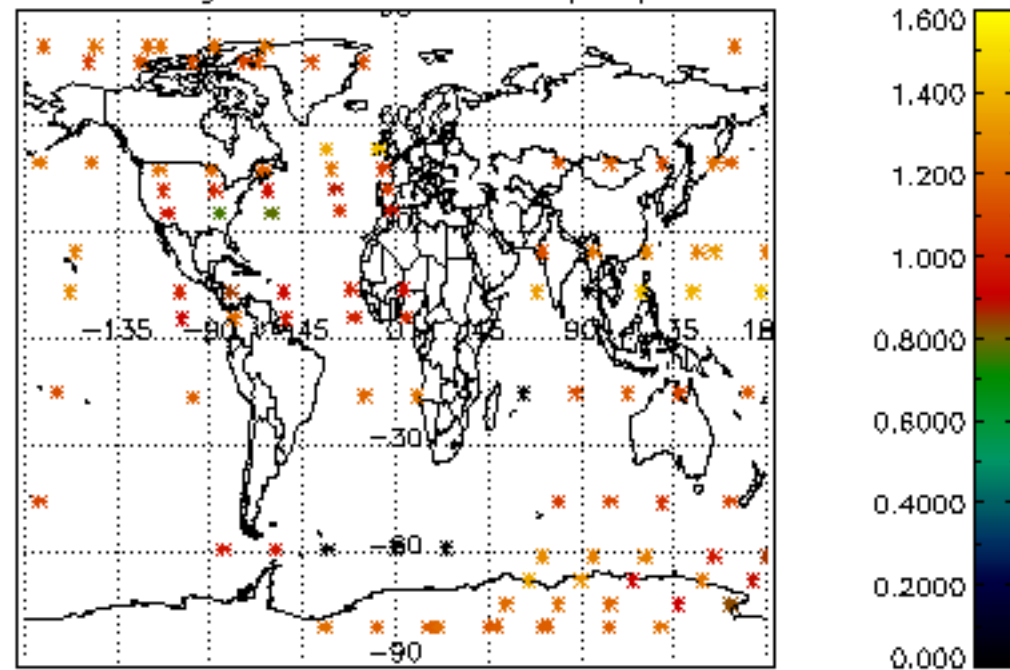




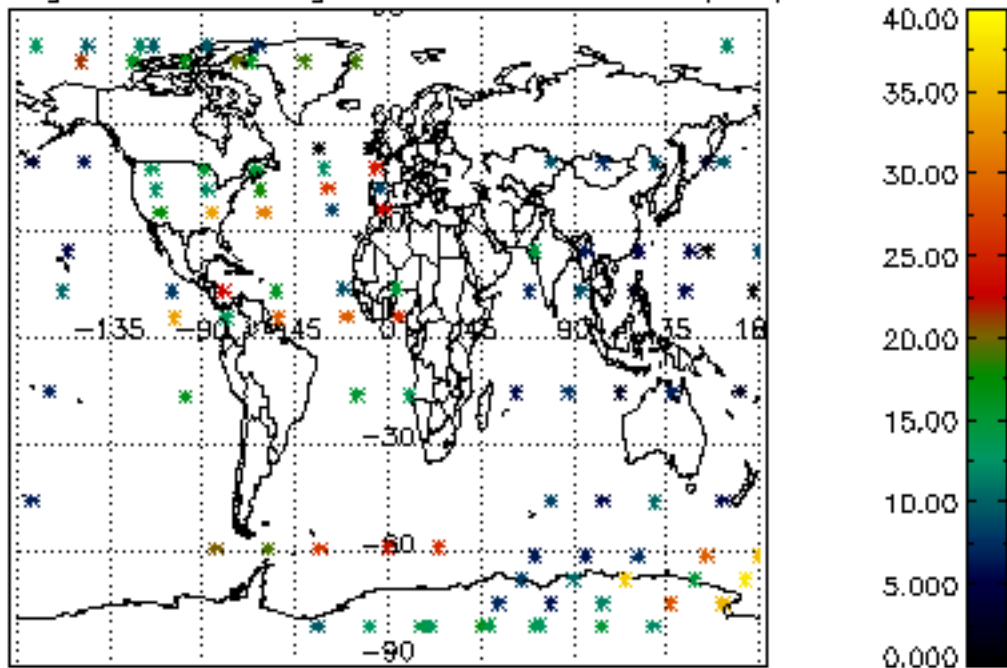
Percentage of cosmic ray hits per profile



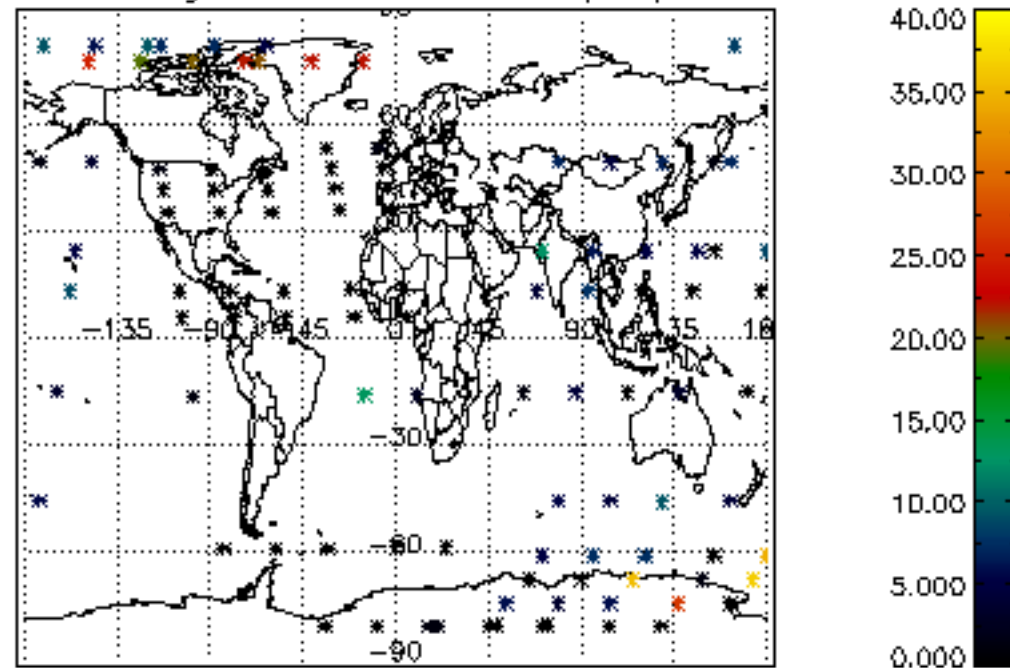
Percentage of datation errors per profile



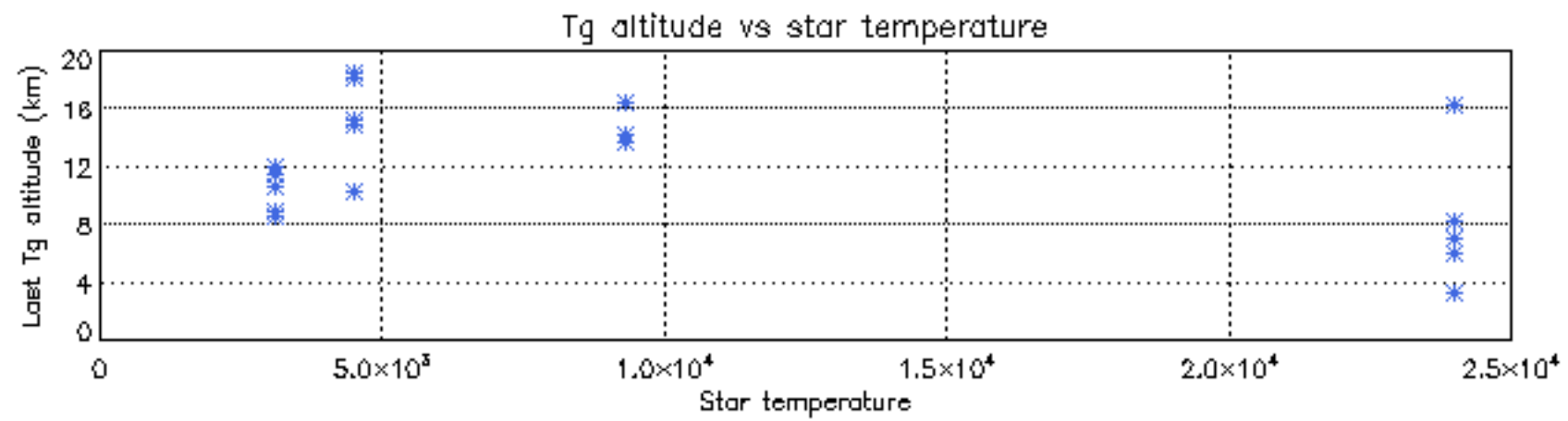
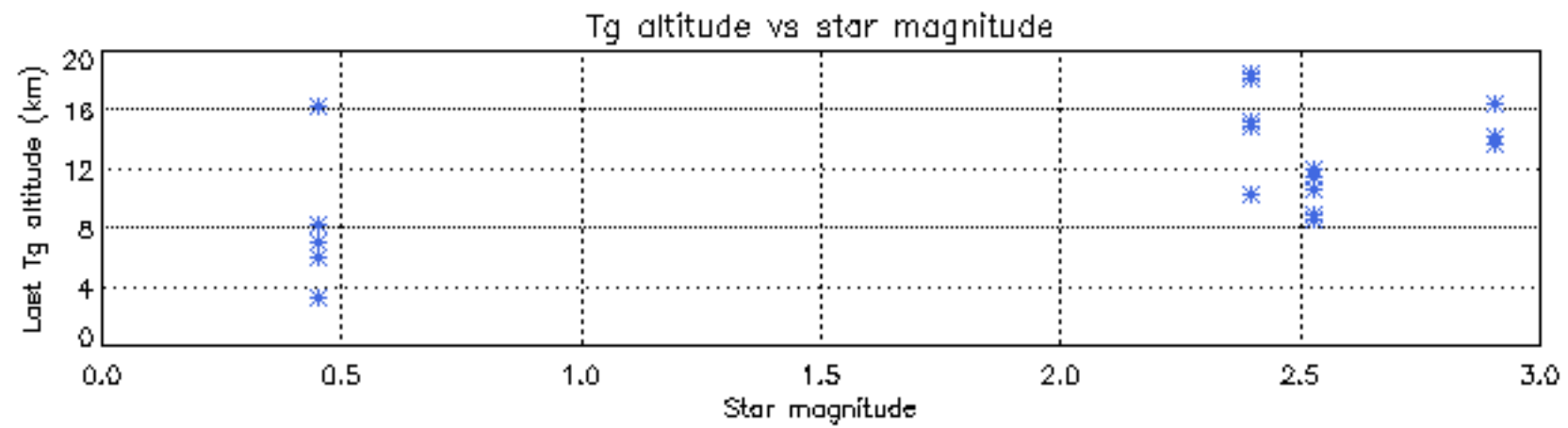
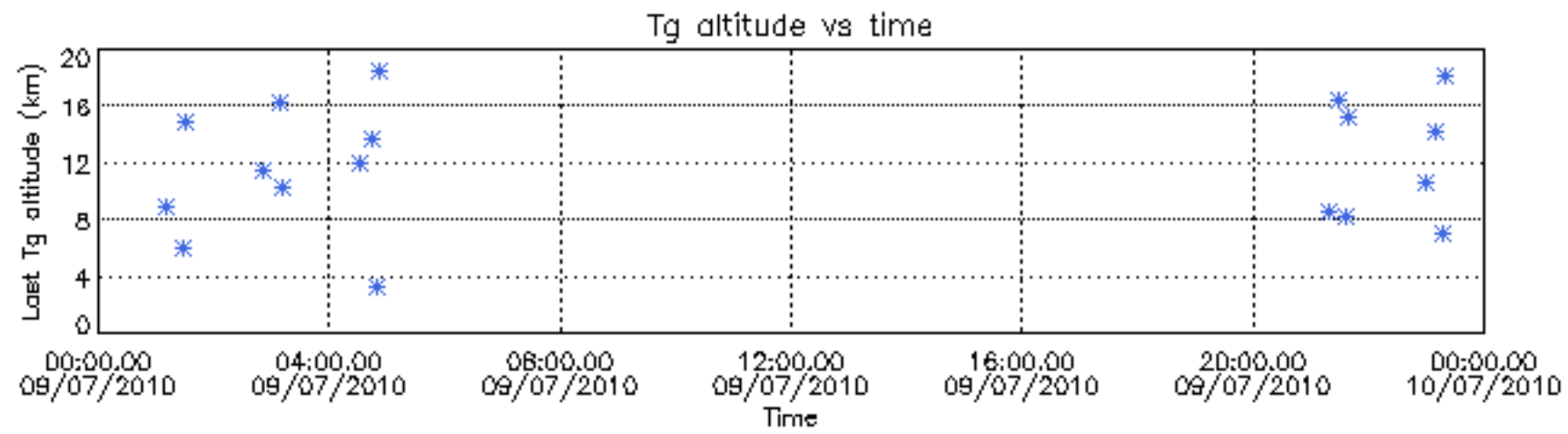
Percentage of star falling outside central band per profile



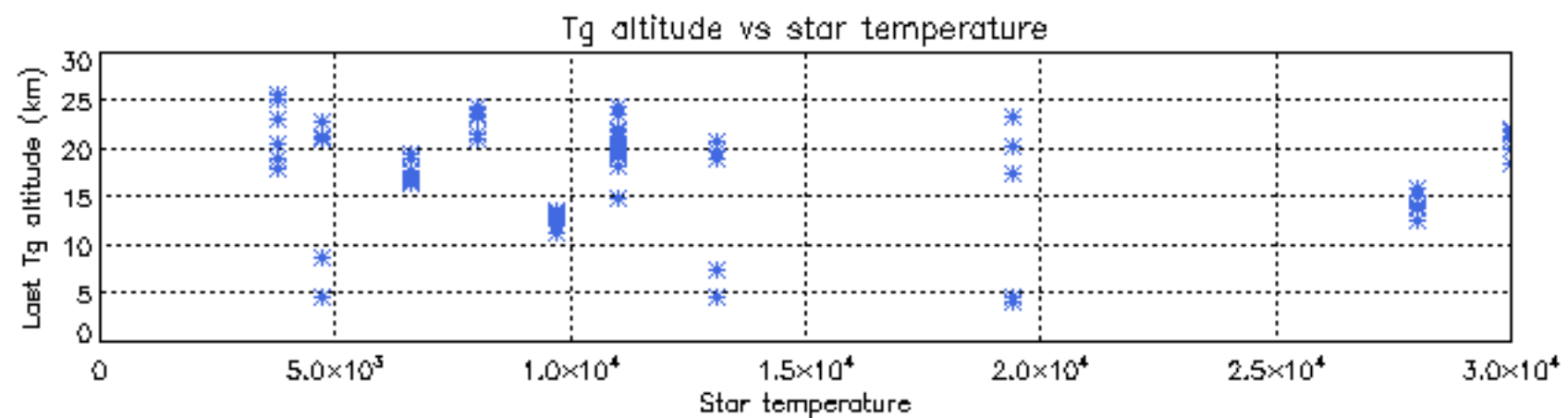
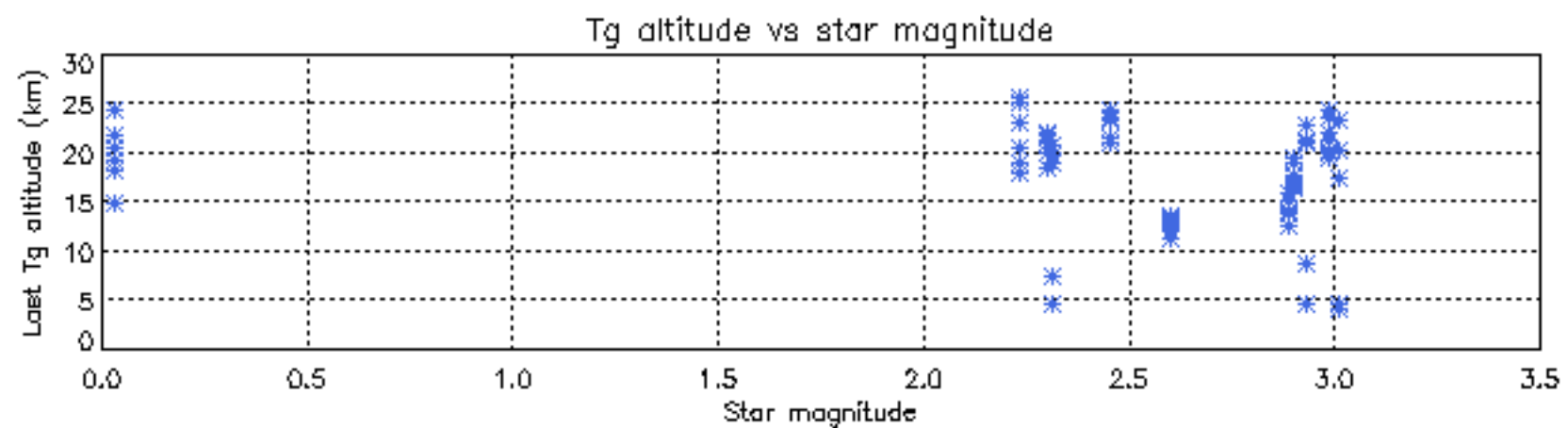
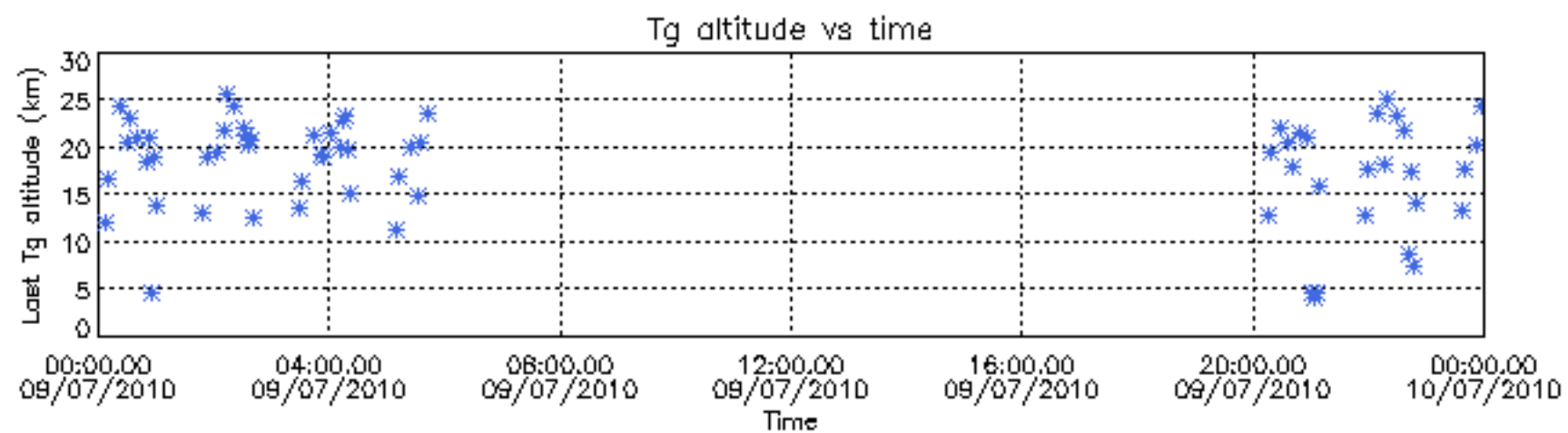
Percentage of saturation errors per profile



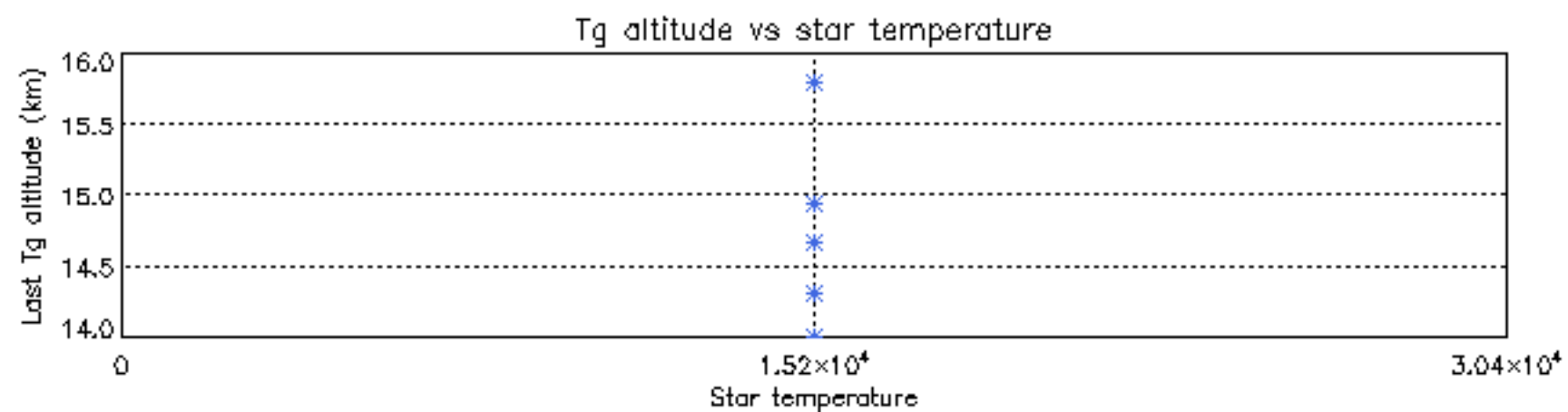
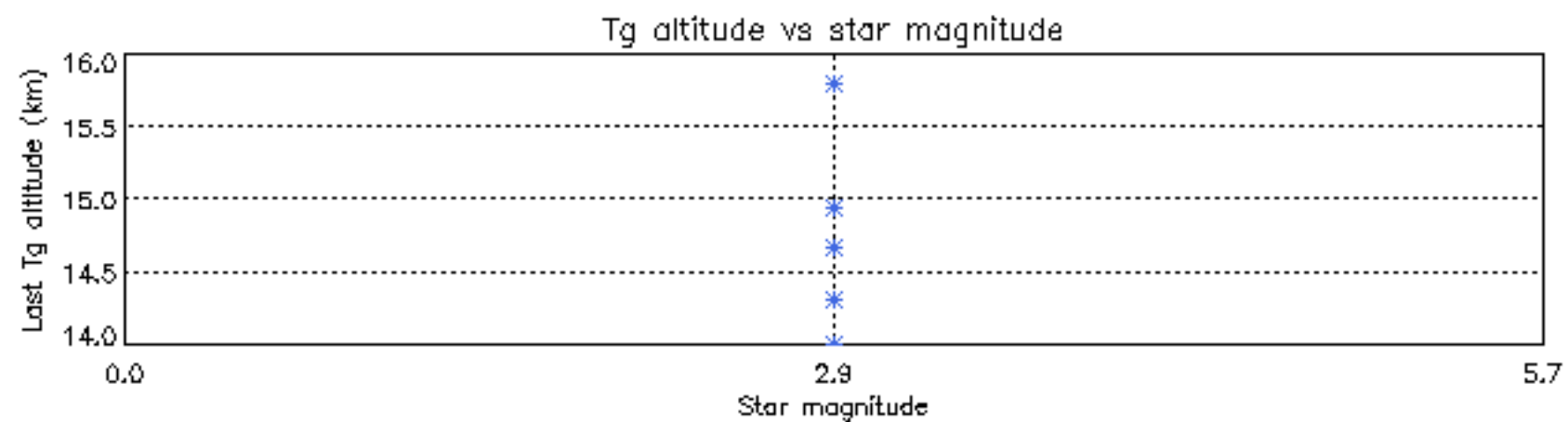
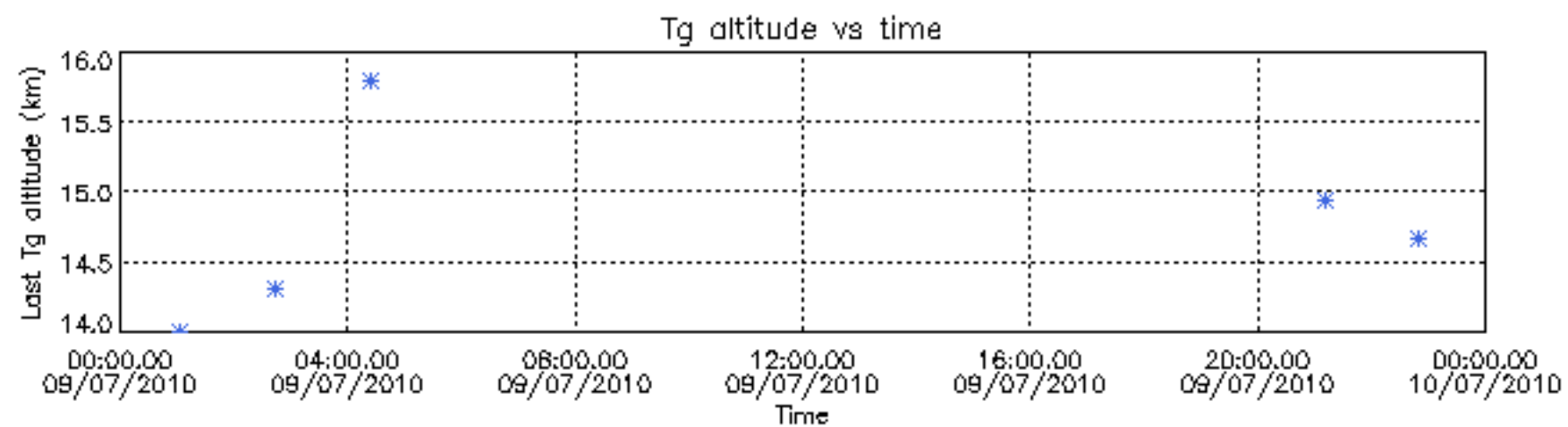
Tangent altitude at which the star is lost

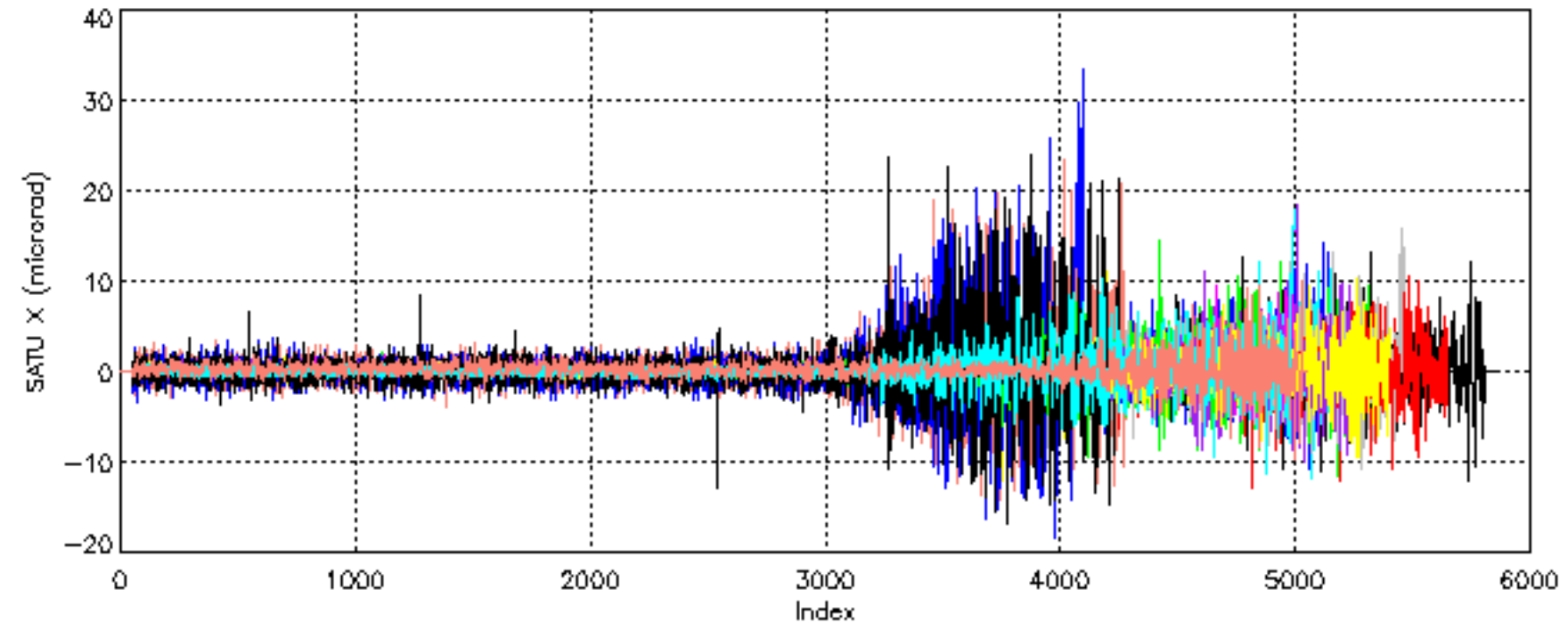


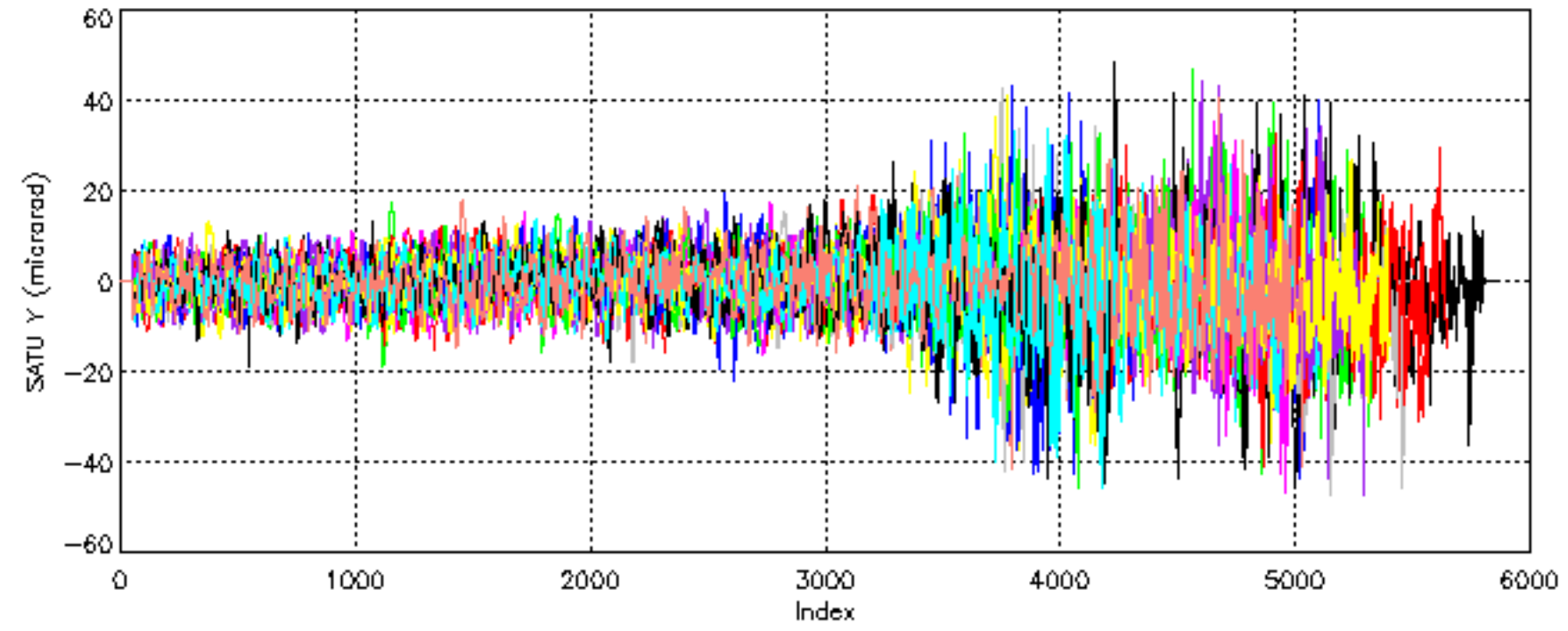
Tangent altitude at which the star is lost

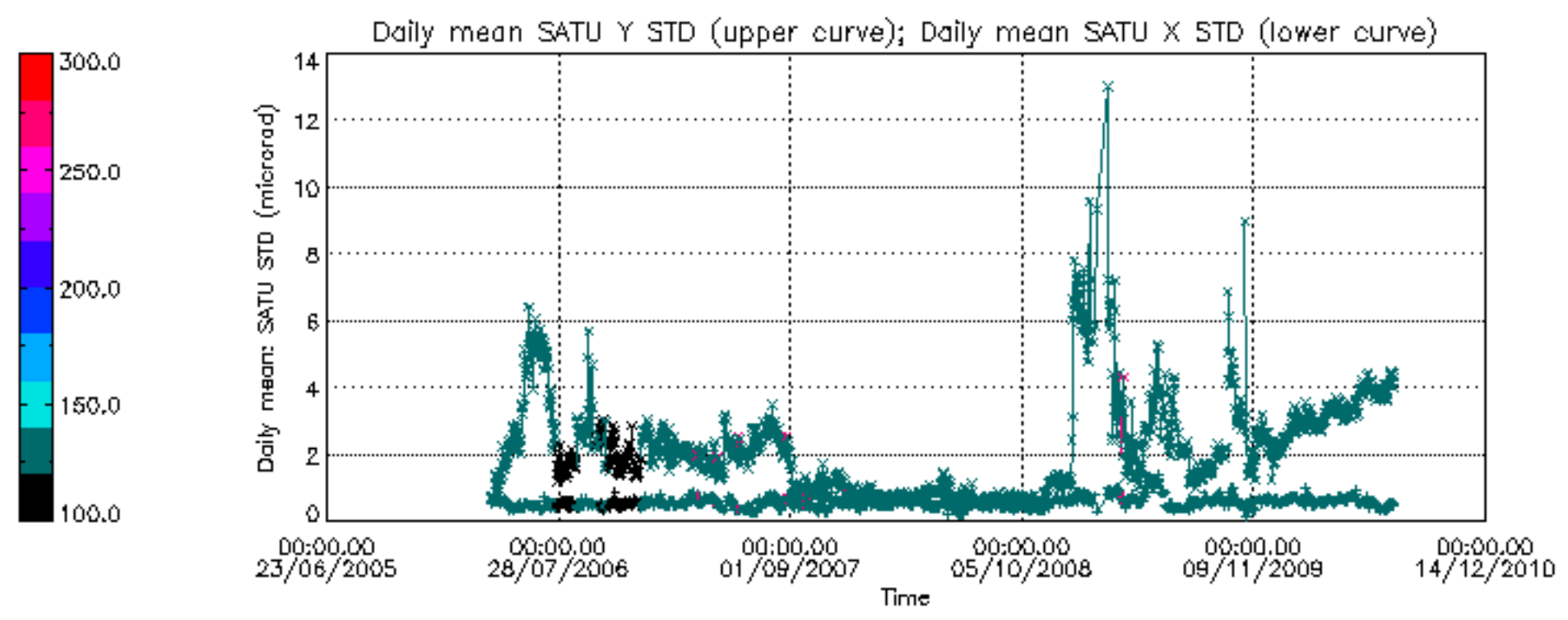


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_002828_000055612090_00431_43571_0355.N1

1; -536.4; 01-JUL-2010 00:28:28; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43571
 2; 94.6; 01-JUL-2010 00:38:59; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;43572
 3; 483.7; 01-JUL-2010 00:45:28; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;43572
 4; 600.1; 01-JUL-2010 00:47:24; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;43572
 5; 743.9; 01-JUL-2010 00:49:48; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;43572
 6; 1314.0; 01-JUL-2010 00:59:18; Dark ; 49.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 98; 0;43572
 7; 1480.2; 01-JUL-2010 01:02:04; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43572
 8; 1981.6; 01-JUL-2010 01:10:26; Bright; 37.5; 126; 60Bet Oph ; 2.77; 4250;occ; 75; 0;43572
 9; 2121.8; 01-JUL-2010 01:12:46; Bright; 38.0; 59; 55Alp Oph ; 2.08; 8900;occ; 76; 0;43572
 10; 2233.6; 01-JUL-2010 01:14:38; Bright; 47.5; 168; 17Zet Aql ; 2.99; 11000;occ; 95; 0;43572
 11; 2652.9; 01-JUL-2010 01:21:37; Bright; 41.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 82; 0;43572
 12; 2809.4; 01-JUL-2010 01:24:14; Bright; 36.0; 130; 23Bet Dra ; 2.80; 5800;occ; 72; 0;43572
 13; 2925.2; 01-JUL-2010 01:26:09; Bright; 40.0; 144; 18Del Cyg ; 2.86; 11000;occ; 80; 0;43572
 14; 3345.6; 01-JUL-2010 01:33:10; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43572
 15; 3786.1; 01-JUL-2010 01:40:30; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;43572
 16; 3888.2; 01-JUL-2010 01:42:12; Bright; 50.0; 68; 18Alp Cas ; 2.22; 4500;occ; 100; 0;43572
 17; 4062.4; 01-JUL-2010 01:45:07; Bright; 56.0; 160; 23Gam Per ; 2.93; 4700;occ; 112; 0;43572
 18; 4266.8; 01-JUL-2010 01:48:31; Bright; 46.0; 73; 57Gam1And ; 2.26; 13100;occ; 92; 0;43572
 19; 4424.1; 01-JUL-2010 01:51:08; Dark ; 49.5; 173; 4Bet Tri ; 3.00; 8900;occ; 99; 0;43572
 20; 4678.5; 01-JUL-2010 01:55:23; Dark ; 60.5; 50; 13Alp Ari ; 2.01; 4250;occ; 121; 0;43572
 21; 4976.2; 01-JUL-2010 02:00:20; Dark ; 48.5; 94; 92Alp Cet ; 2.53; 3100;occ; 97; 0;43572

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1; -535.5; 01-JUL-2010 02:09:05; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43572
 2; 95.3; 01-JUL-2010 02:19:35; Dark ; 58.0; 84; Alp Phe ; 2.40; 4500;occ; 116; 0;43573
 3; 484.4; 01-JUL-2010 02:26:04; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43573
 4; 601.0; 01-JUL-2010 02:28:01; Dark ; 55.0; 31; Alp Gru ; 1.73; 15200;occ; 110; 0;43573
 5; 744.6; 01-JUL-2010 02:30:25; Dark ; 46.5; 45; Alp Pav ; 1.94; 26000;occ; 93; 0;43573
 6; 1314.3; 01-JUL-2010 02:39:54; Dark ; 46.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 93; 0;43573
 7; 1480.5; 01-JUL-2010 02:42:41; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43573
 8; 1982.0; 01-JUL-2010 02:51:02; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43573
 9; 2121.7; 01-JUL-2010 02:53:22; Bright; 38.0; 59; 55Alp Oph ; 2.08; 8900;occ; 76; 0;43573
 10; 2233.3; 01-JUL-2010 02:55:13; Bright; 49.5; 168; 17Zet Aql ; 2.99; 11000;occ; 99; 0;43573
 11; 2652.5; 01-JUL-2010 03:02:13; Bright; 41.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 83; 0;43573
 12; 2809.3; 01-JUL-2010 03:04:49; Bright; 35.5; 130; 23Bet Dra ; 2.80; 5800;occ; 71; 0;43573
 13; 2924.7; 01-JUL-2010 03:06:45; Bright; 40.0; 144; 18Del Cyg ; 2.86; 11000;occ; 80; 0;43573
 14; 3344.9; 01-JUL-2010 03:13:45; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;43573

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1;-2250.0; 01-JUL-2010 03:21:06; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;43573
 2;-2148.4; 01-JUL-2010 03:22:48; Bright; 48.0; 68; 18Alp Cas ; 2.22; 4500;occ; 96; 0;43573
 3;-1973.6; 01-JUL-2010 03:25:42; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;43573
 4;-1769.2; 01-JUL-2010 03:29:07; Bright; 65.0; 73; 57Gam1And ; 2.26; 13100;occ; 130; 0;43573
 5;-1611.6; 01-JUL-2010 03:31:44; Dark ; 50.5; 173; 4Bet Tri ; 3.00; 8900;occ; 101; 0;43573
 6;-1357.0; 01-JUL-2010 03:35:59; Dark ; 59.0; 50; 13Alp Ari ; 2.01; 4250;occ; 118; 0;43573
 7;-1059.7; 01-JUL-2010 03:40:56; Dark ; 48.5; 94; 92Alp Cet ; 2.53; 3100;occ; 97; 0;43573
 8; -534.6; 01-JUL-2010 03:49:41; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43573
 9; 96.5; 01-JUL-2010 04:00:13; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;43574
 10; 485.6; 01-JUL-2010 04:06:42; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43574
 11; 602.3; 01-JUL-2010 04:08:38; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43574
 12; 744.8; 01-JUL-2010 04:11:01; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43574
 13; 1314.7; 01-JUL-2010 04:20:31; Dark ; 45.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 90; 0;43574
 14; 1388.9; 01-JUL-2010 04:21:45; Bright; 45.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 90; 0;43574
 15; 1480.4; 01-JUL-2010 04:23:16; Bright; 46.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 93; 0;43574
 16; 1981.9; 01-JUL-2010 04:31:38; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43574
 17; 2121.8; 01-JUL-2010 04:33:58; Bright; 37.0; 59; 55Alp Oph ; 2.08; 8900;occ; 74; 0;43574
 18; 2232.8; 01-JUL-2010 04:35:49; Bright; 48.5; 168; 17Zet Aql ; 2.99; 11000;occ; 97; 0;43574
 19; 2652.2; 01-JUL-2010 04:42:48; Bright; 44.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 89; 0;43574
 20; 2809.2; 01-JUL-2010 04:45:25; Bright; 36.5; 130; 23Bet Dra ; 2.80; 5800;occ; 73; 0;43574
 21; 2923.6; 01-JUL-2010 04:47:20; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43574
 22; 3344.5; 01-JUL-2010 04:54:21; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;43574

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_050142_000056392090_00434_43574_0358.N1

1;-2250.4; 01-JUL-2010 05:01:42; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;43574
 2;-2148.9; 01-JUL-2010 05:03:23; Bright; 69.0; 68; 18Alp Cas ; 2.22; 4500;occ; 138; 0;43574
 3;-1973.4; 01-JUL-2010 05:06:19; Bright; 36.0; 160; 23Gam Per ; 2.93; 4700;occ; 72; 0;43574
 4;-1769.5; 01-JUL-2010 05:09:43; Bright; 48.0; 73; 57Gam1And ; 2.26; 13100;occ; 96; 0;43574
 5;-1611.5; 01-JUL-2010 05:12:21; Dark ; 49.5; 173; 4Bet Tri ; 3.00; 8900;occ; 99; 0;43574
 6;-1356.8; 01-JUL-2010 05:16:35; Dark ; 58.0; 50; 13Alp Ari ; 2.01; 4250;occ; 116; 0;43574
 7;-1059.1; 01-JUL-2010 05:21:33; Dark ; 44.5; 94; 92Alp Cet ; 2.53; 3100;occ; 89; 0;43574

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8; -533.7; 01-JUL-2010 05:30:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43574
9; 97.7; 01-JUL-2010 05:40:50; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43575
10; 486.8; 01-JUL-2010 05:47:19; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;43575
11; 602.8; 01-JUL-2010 05:49:15; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;43575
12; 745.4; 01-JUL-2010 05:51:37; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43575
13; 1314.8; 01-JUL-2010 06:01:07; Dark ; 45.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 91; 0;43575
14; 1389.0; 01-JUL-2010 06:02:21; Bright; 44.5; 57; 34Sig Sgr ; 2.07; 26000;occ; 89; 0;43575
15; 1480.9; 01-JUL-2010 06:03:53; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43575
16; 1982.2; 01-JUL-2010 06:12:14; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43575
17; 2121.9; 01-JUL-2010 06:14:34; Bright; 37.0; 59; 55Alp Oph ; 2.08; 8900;occ; 74; 0;43575
18; 2232.3; 01-JUL-2010 06:16:24; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;43575
19; 2651.8; 01-JUL-2010 06:23:24; Bright; 45.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 90; 0;43575
20; 2808.8; 01-JUL-2010 06:26:01; Bright; 37.0; 130; 23Bet Dra ; 2.80; 5800;occ; 74; 0;43575
21; 2923.1; 01-JUL-2010 06:27:55; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43575
22; 3343.8; 01-JUL-2010 06:34:56; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;43575
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20100701_064217_000037772090_00435_43575_1801.N1
1; -2250.9; 01-JUL-2010 06:42:17; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;43575
2; -2149.1; 01-JUL-2010 06:43:59; Bright; 51.0; 68; 18Alp Cas ; 2.22; 4500;occ; 102; 0;43575
3; -1973.8; 01-JUL-2010 06:46:54; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;43575
4; -1769.3; 01-JUL-2010 06:50:19; Bright; 51.5; 73; 57Gam1And ; 2.26; 13100;occ; 103; 0;43575
5; -1611.1; 01-JUL-2010 06:52:57; Dark ; 47.0; 173; 4Bet Tri ; 3.00; 8900;occ; 94; 0;43575
6; -1356.0; 01-JUL-2010 06:57:12; Dark ; 56.5; 50; 13Alp Ari ; 2.01; 4250;occ; 113; 0;43575
7; -1058.6; 01-JUL-2010 07:02:09; Dark ; 49.0; 94; 92Alp Cet ; 2.53; 3100;occ; 98; 0;43575
8; -532.8; 01-JUL-2010 07:10:55; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43575
9; 98.8; 01-JUL-2010 07:21:27; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;43576
10; 487.4; 01-JUL-2010 07:27:55; Dark ; 65.0; 63; Bet Gru ; 2.15; 2800;occ; 130; 0;43576
11; 604.0; 01-JUL-2010 07:29:52; Dark ; 59.5; 31; Alp Gru ; 1.73; 15200;occ; 119; 0;43576
12; 745.9; 01-JUL-2010 07:32:14; Dark ; 49.0; 45; Alp Pav ; 1.94; 26000;occ; 98; 0;43576
13; 1315.1; 01-JUL-2010 07:41:43; Dark ; 48.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 97; 0;43576
14; 1389.2; 01-JUL-2010 07:42:57; Bright; 44.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 88; 0;43576
15; 1481.1; 01-JUL-2010 07:44:29; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43576
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20100701_075250_000055792090_00436_43576_1802.N1
1; 1982.2; 01-JUL-2010 07:52:50; Bright; 38.0; 126; 60Bet Oph ; 2.77; 4250;occ; 76; 0;43576
2; 2122.1; 01-JUL-2010 07:55:10; Bright; 54.0; 59; 55Alp Oph ; 2.08; 8900;occ; 108; 0;43576
3; 2231.8; 01-JUL-2010 07:57:00; Bright; 48.5; 168; 17Zet Aql ; 2.99; 11000;occ; 97; 0;43576
4; 2651.5; 01-JUL-2010 08:03:59; Bright; 48.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 96; 0;43576
5; 2808.8; 01-JUL-2010 08:06:37; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;43576
6; 2921.8; 01-JUL-2010 08:08:30; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43576
7; 3343.1; 01-JUL-2010 08:15:31; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;43576
8; 3784.4; 01-JUL-2010 08:22:52; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;43576
9; 3876.7; 01-JUL-2010 08:24:25; Bright; 43.5; 110; 37Del Cas ; 2.68; 8900;occ; 87; 0;43576
10; 4062.2; 01-JUL-2010 08:27:30; Bright; 55.0; 160; 23Gam Per ; 2.93; 4700;occ; 110; 0;43576
11; 4165.5; 01-JUL-2010 08:29:14; Bright; 34.0; 175; 39Del Per ; 3.01; 19400;occ; 68; 0;43576
12; 4266.5; 01-JUL-2010 08:30:54; Bright; 49.5; 73; 57Gam1And ; 2.26; 13100;occ; 99; 0;43576
13; 4424.9; 01-JUL-2010 08:33:33; Dark ; 46.0; 173; 4Bet Tri ; 3.00; 8900;occ; 92; 0;43576
14; 4679.9; 01-JUL-2010 08:37:48; Dark ; 59.0; 50; 13Alp Ari ; 2.01; 4250;occ; 118; 0;43576
15; 4978.0; 01-JUL-2010 08:42:46; Dark ; 47.5; 94; 92Alp Cet ; 2.53; 3100;occ; 95; 0;43576
16; 5504.0; 01-JUL-2010 08:51:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43576
17; 6135.8; 01-JUL-2010 09:02:04; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;43577
18; 6524.4; 01-JUL-2010 09:08:32; Dark ; 64.0; 63; Bet Gru ; 2.15; 2800;occ; 128; 0;43577
19; 6640.2; 01-JUL-2010 09:10:28; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;43577
20; 6782.3; 01-JUL-2010 09:12:50; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43577
21; 7351.5; 01-JUL-2010 09:22:20; Dark ; 46.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 93; 0;43577
22; 7425.5; 01-JUL-2010 09:23:34; Bright; 48.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 96; 0;43577
23; 7516.9; 01-JUL-2010 09:25:05; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43577
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1; 1482.7; 01-JUL-2010 21:09:18; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43584
2; 2227.2; 01-JUL-2010 21:21:43; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;43584
3; 2647.3; 01-JUL-2010 21:28:43; Bright; 39.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 79; 0;43584
4; 2914.8; 01-JUL-2010 21:33:10; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43584
5; 3132.5; 01-JUL-2010 21:36:48; Bright; 55.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 111; 0;43584
6; 3337.8; 01-JUL-2010 21:40:13; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;43584
7; 3780.4; 01-JUL-2010 21:47:36; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43584
8; 3874.3; 01-JUL-2010 21:49:10; Bright; 40.5; 110; 37Del Cas ; 2.68; 8900;occ; 81; 0;43584
9; 4265.9; 01-JUL-2010 21:55:41; Bright; 47.5; 73; 57Gam1And ; 2.26; 13100;occ; 95; 0;43584
10; 4419.5; 01-JUL-2010 21:58:15; Dark ; 72.5; 53; 43Bet And ; 2.05; 3300;occ; 145; 0;43584
11; 4682.4; 01-JUL-2010 22:02:38; Dark ; 58.0; 50; 13Alp Ari ; 2.01; 4250;occ; 116; 0;43584
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_221626_000052662090_00444_43584_0360.N1

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1; -524.9; 01-JUL-2010 22:16:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43584
2; -153.9; 01-JUL-2010 22:22:37; Dark ; 91.0; 52; 16Bet Cet ; 2.04; 4500;occ; 182; 0;43584
3; 107.7; 01-JUL-2010 22:26:59; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;43585
4; 496.2; 01-JUL-2010 22:33:28; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43585
5; 596.3; 01-JUL-2010 22:35:08; Dark ; 75.5; 18; 24Alp PsA ; 1.17; 9700;occ; 151; 0;43585
6; 1482.8; 01-JUL-2010 22:49:54; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43585
7; 2226.5; 01-JUL-2010 23:02:18; Bright; 50.0; 168; 17Zet Aql ; 2.99; 11000;occ; 100; 0;43585
8; 2646.7; 01-JUL-2010 23:09:18; Bright; 46.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 92; 0;43585
9; 2914.3; 01-JUL-2010 23:13:46; Bright; 50.0; 144; 18Del Cyg ; 2.86; 11000;occ; 100; 0;43585
10; 3131.4; 01-JUL-2010 23:17:23; Bright; 62.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 124; 0;43585
11; 3336.9; 01-JUL-2010 23:20:48; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;43585
12; 3779.4; 01-JUL-2010 23:28:11; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43585
13; 3873.9; 01-JUL-2010 23:29:45; Bright; 42.0; 110; 37Del Cas ; 2.68; 8900;occ; 84; 0;43585
14; 4266.0; 01-JUL-2010 23:36:17; Bright; 54.0; 73; 57Gam1And ; 2.26; 13100;occ; 108; 0;43585
15; 4419.3; 01-JUL-2010 23:38:51; Dark ; 70.0; 53; 43Bet And ; 2.05; 3300;occ; 140; 0;43585
16; 4682.9; 01-JUL-2010 23:43:14; Dark ; 58.5; 50; 13Alp Ari ; 2.01; 4250;occ; 117; 0;43585
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_235703_000052692090_00445_43585_0361.N1
1; -524.0; 01-JUL-2010 23:57:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43585
2; -151.8; 02-JUL-2010 00:03:15; Dark ; 71.0; 52; 16Bet Cet ; 2.04; 4500;occ; 142; 0;43585
3; 109.1; 02-JUL-2010 00:07:36; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43586
4; 497.1; 02-JUL-2010 00:14:04; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43586
5; 598.1; 02-JUL-2010 00:15:45; Dark ; 96.5; 18; 24Alp PsA ; 1.17; 9700;occ; 193; 0;43586
6; 787.6; 02-JUL-2010 00:18:55; Dark ; 56.5; 172; Gam Gru ; 3.00; 13100;occ; 113; 0;43586
7; 1482.7; 02-JUL-2010 00:30:30; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43586
8; 2226.2; 02-JUL-2010 00:42:53; Bright; 46.0; 168; 17Zet Aql ; 2.99; 11000;occ; 92; 0;43586
9; 2646.3; 02-JUL-2010 00:49:53; Bright; 42.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 84; 0;43586
10; 2913.2; 02-JUL-2010 00:54:20; Bright; 49.5; 144; 18Del Cyg ; 2.86; 11000;occ; 99; 0;43586
11; 3130.1; 02-JUL-2010 00:57:57; Bright; 61.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 123; 0;43586
12; 3336.0; 02-JUL-2010 01:01:23; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;43586
13; 3779.2; 02-JUL-2010 01:08:46; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;43586
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4; 2650.9; 01-JUL-2010 09:44:35; Bright; 46.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 93; 0;43577
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9; 4062.1; 01-JUL-2010 11:48:42; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;43578

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 6; 3340.4; 01-JUL-2010 14:57:52; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43580
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 6; 3339.7; 01-JUL-2010 16:38:27; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43581
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6; 3776.4; 02-JUL-2010 09:31:43; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;43591
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6; 3776.1; 02-JUL-2010 11:12:19; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;43592
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8; 4265.4; 02-JUL-2010 11:20:28; Bright; 56.5; 73; 57Gam1And ; 2.26; 13100;occ; 113; 0;43592
9; 4419.4; 02-JUL-2010 11:23:02; Dark ; 72.5; 53; 43Bet And ; 2.05; 3300;occ; 145; 0;43592

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5; 2868.4; 05-JUL-2010 22:47:08; Bright; 47.5; 144; 18Del Cyg ; 2.86; 11000;occ; 95; 0;43642
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3; 2858.8; 06-JUL-2010 20:34:45; Bright; 46.5; 144; 18Del Cyg ; 2.86; 11000;occ; 93; 0;43655
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6; 3740.9; 06-JUL-2010 20:49:27; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43655
7; 3851.4; 06-JUL-2010 20:51:18; Bright; 44.0; 110; 37Del Cas ; 2.68; 8900;occ; 88; 0;43655
8; 4259.8; 06-JUL-2010 20:58:06; Bright; 54.5; 73; 57Gam1And ; 2.26; 13100;occ; 109; 0;43655
9; 4418.9; 06-JUL-2010 21:00:45; Dark ; 84.0; 53; 43Bet And ; 2.05; 3300;occ; 168; 0;43655
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5; 742.6; 08-JUL-2010 00:29:40; Dark ; 81.0; 18; 24Alp PsA ; 1.17; 9700;occ; 162; 0;43672
6; 872.2; 08-JUL-2010 00:31:49; Dark ; 55.0; 172; Gam Gru ; 3.00; 13100;occ; 110; 0;43672

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9; 4316.3; 30-JUL-2010 11:41:29; Bright; 58.5; 149; 45Eps Per ; 2.89; 30000;occ; 117; 0;43993
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11; 4633.6; 30-JUL-2010 11:46:46; Dark ; 40.5; 176; 23Zet Tau ; 3.02; 22000;occ; 81; 0;43993

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 11; 5162.0; 30-JUL-2010 13:36:10; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;43994
 12; 5424.5; 30-JUL-2010 13:40:33; Dark ; 52.5; 165; 34Gam Eri ; 2.95; 3200;occ; 105; 0;43994
 13; 5717.1; 30-JUL-2010 13:45:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43994
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 16; 6602.5; 30-JUL-2010 14:00:11; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;43995
 17; 6942.4; 30-JUL-2010 14:05:51; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;43995
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 11; 5425.5; 30-JUL-2010 15:21:09; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;43995
 12; 5717.8; 30-JUL-2010 15:26:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43995
 13; 5989.9; 30-JUL-2010 15:30:34; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;43995
 14; 6326.9; 30-JUL-2010 15:36:11; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;43996
 15; 6603.7; 30-JUL-2010 15:40:48; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;43996
 16; 6942.9; 30-JUL-2010 15:46:27; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;43996
 17; 7132.1; 30-JUL-2010 15:49:36; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;43996

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 4; 3100.8; 30-JUL-2010 16:23:01; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;43996
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 8; 4497.9; 30-JUL-2010 16:46:18; Dark ; 53.5; 150; 44Zet Per ; 2.89; 28000;occ; 107; 0;43996
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 12; 5162.8; 30-JUL-2010 16:57:23; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;43996
 13; 5426.4; 30-JUL-2010 17:01:46; Dark ; 53.5; 165; 34Gam Eri ; 2.95; 3200;occ; 107; 0;43996
 14; 5718.5; 30-JUL-2010 17:06:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43996
 15; 5990.6; 30-JUL-2010 17:11:11; Dark ; 45.0; 157; The1Eri ; 2.91; 9300;occ; 90; 0;43996
 16; 6327.6; 30-JUL-2010 17:16:48; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;43997
 17; 6604.4; 30-JUL-2010 17:21:24; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;43997
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4; 2699.4; 30-JUL-2010 17:56:55; Bright; 39.5; 144; 18Del Cyg ; 2.86; 11000;occ; 79; 0;43997
5; 3100.4; 30-JUL-2010 18:03:36; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;43997
6; 4084.4; 30-JUL-2010 18:20:00; Bright; 45.0; 35; 33Alp Per ; 1.79; 6250;occ; 90; 0;43997
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5; 587.1; 31-JUL-2010 21:51:54; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44014
6; 916.4; 31-JUL-2010 21:57:23; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;44014
7; 1105.1; 31-JUL-2010 22:00:32; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;44014
8; 2059.6; 31-JUL-2010 22:16:27; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;44014
9; 2582.3; 31-JUL-2010 22:25:09; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44014
10; 2695.5; 31-JUL-2010 22:27:02; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44014
11; 3092.8; 31-JUL-2010 22:33:40; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;44014
12; 3980.7; 31-JUL-2010 22:48:28; Bright; 47.0; 160; 23Gam Per ; 2.93; 4700;occ; 94; 0;44014
13; 4139.5; 31-JUL-2010 22:51:06; Bright; 44.0; 175; 39Del Per ; 3.01; 19400;occ; 88; 0;44014
14; 4315.5; 31-JUL-2010 22:54:02; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;44014
15; 4500.2; 31-JUL-2010 22:57:07; Dark ; 37.0; 150; 44Zet Per ; 2.89; 28000;occ; 74; 0;44014
16; 4637.7; 31-JUL-2010 22:59:25; Dark ; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;44014
17; 4787.6; 31-JUL-2010 23:01:54; Dark ; 60.5; 13; 87Alp Tau ; 0.87; 3800;occ; 121; 0;44014

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21; 5443.2; 01-AUG-2010 00:53:26; Dark ; 4.5; 165; 34Gam Eri ; 2.95; 3200;occ; 9; 0;44015

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