

GOMOS Daily Report 29-JUL-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	02AUG2010 04:53:53
Data source version	GOMOS/5.01
Start time of products	29JUL2010 00:00:24
Stop time of products	29JUL2010 23:57:17
Store outputs in DB	Yes
Nb of level 1b prods	140
Nb of prods with errors	0

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

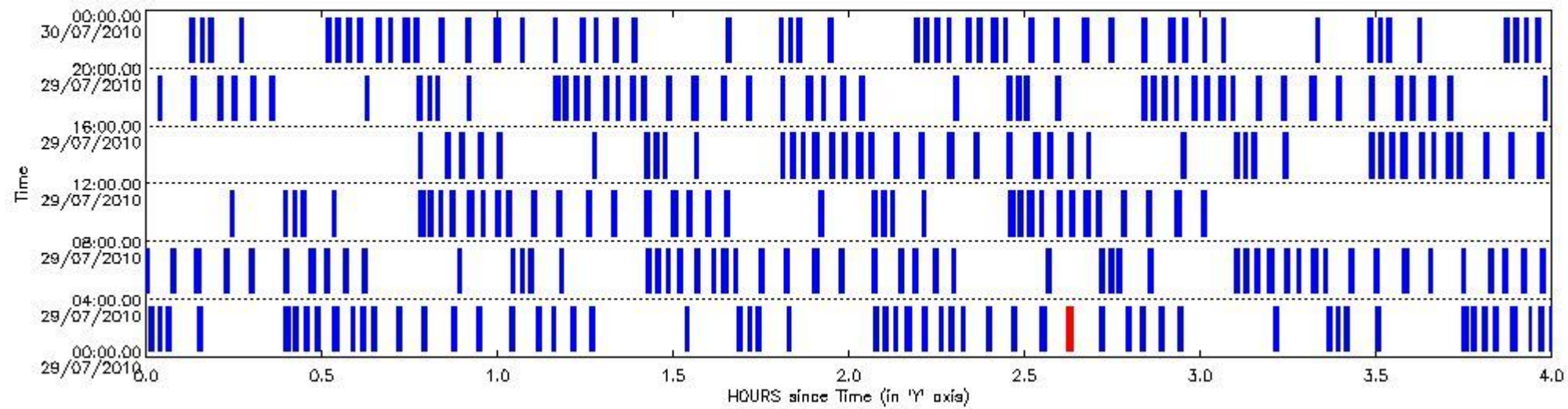
2.1 Level 0 products arrived in PCF (see template [here](#))

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
29-JUL-2010 02:37:10	The1Eri	157	43973

2.4 Summary of processed GOM_TRA_1P products

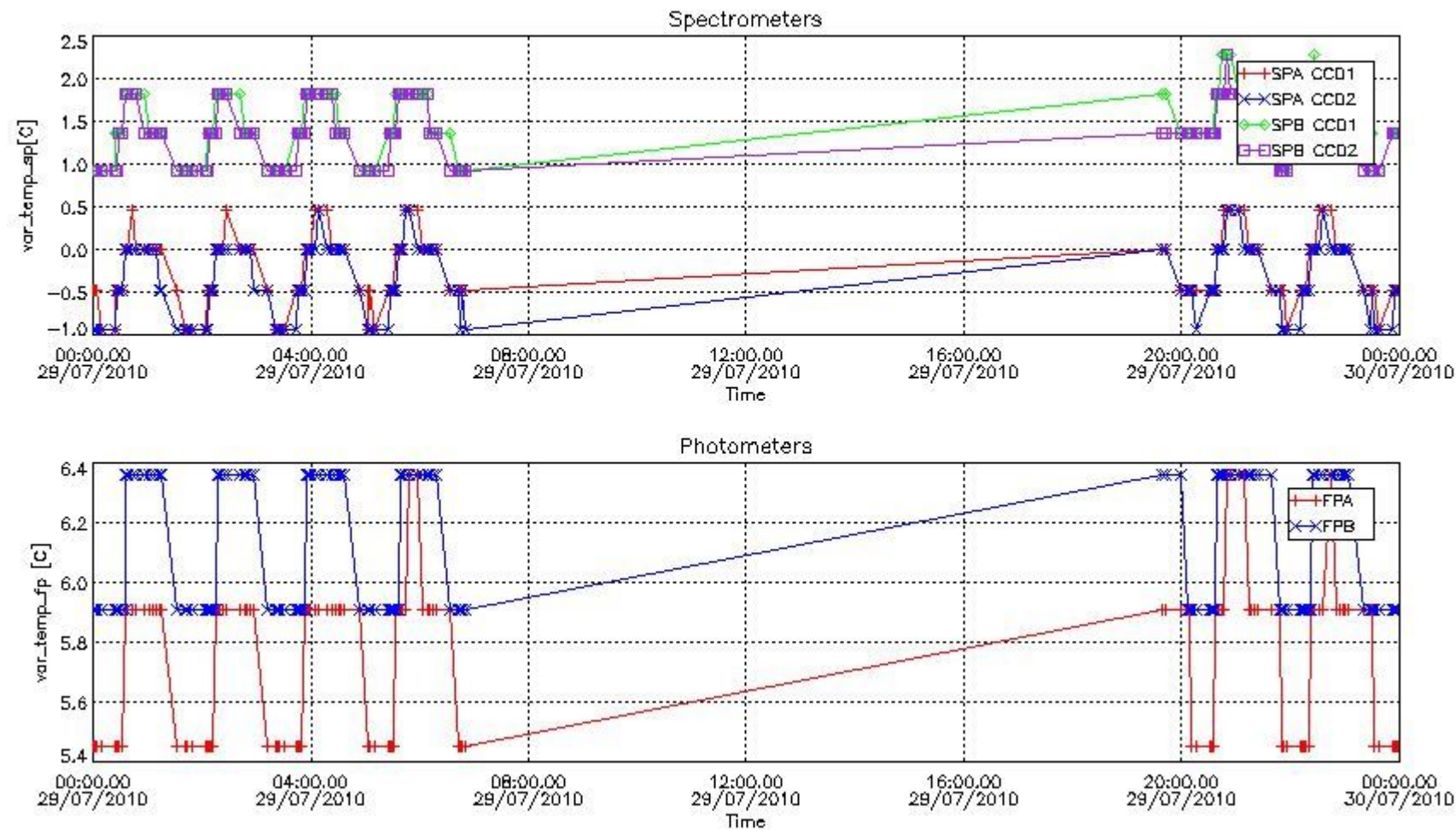
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100729_000024_000000442091_00331_43972_0554.N1	29-JUL-2010 00:00:24	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	43972	No
2	GOM_TRA_1PNPDE20100729_000204_000000392091_00331_43972_0555.N1	29-JUL-2010 00:02:04	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43972	No
3	GOM_TRA_1PNPDE20100729_000328_000000402091_00331_43972_0556.N1	29-JUL-2010 00:03:28	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	43972	No
4	GOM_TRA_1PNPDE20100729_000849_000000422091_00331_43972_0557.N1	29-JUL-2010 00:08:49	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43972	No
5	GOM_TRA_1PNPDE20100729_002333_000000672091_00331_43972_0558.N1	29-JUL-2010 00:23:33	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	43972	No
6	GOM_TRA_1PNPDE20100729_002508_000000502091_00331_43972_0559.N1	29-JUL-2010 00:25:08	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	43972	No
7	GOM_TRA_1PNPDE20100729_002657_000000412091_00331_43972_0560.N1	29-JUL-2010 00:26:57	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	43972	No
8	GOM_TRA_1PNPDE20100729_002854_000000502091_00331_43972_0561.N1	29-JUL-2010 00:28:54	Bright	50.000	149	45Eps Per	2.8880	30000.	100	43972	No
9	GOM_TRA_1PNPDE20100729_003152_000000542091_00331_43972_0562.N1	29-JUL-2010 00:31:52	Tw_i_and_stray	53.500	150	44Zet Per	2.8900	28000.	107	43972	No
10	GOM_TRA_1PNPDE20100729_003454_000000332091_00331_43972_0563.N1	29-JUL-2010 00:34:54	Dark	33.000	146	25Eta Tau	2.8730	15200.	66	43972	No

11	GOM_TRA_1PNPDE20100729_003630_000000532091_00331_43972_0564.N1	29-JUL-2010 00:36:30	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	43972	No
12	GOM_TRA_1PNPDE20100729_003832_000000412091_00331_43972_0565.N1	29-JUL-2010 00:38:32	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	43972	No
13	GOM_TRA_1PNPDE20100729_004251_000000392091_00331_43972_0566.N1	29-JUL-2010 00:42:51	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	43972	No
14	GOM_TRA_1PNPDE20100729_004703_000000502091_00331_43972_0577.N1	29-JUL-2010 00:47:03	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	43972	No
15	GOM_TRA_1PNPDE20100729_005626_000000462091_00331_43972_0578.N1	29-JUL-2010 00:56:26	Dark	45.500	157	The1Eri	2.9060	9300.0	91	43972	No
16	GOM_TRA_1PNPDE20100729_010209_000000462091_00332_43973_0579.N1	29-JUL-2010 01:02:09	Dark	46.000	9	Alp Eri	0.45300	24000.	92	43973	No
17	GOM_TRA_1PNPDE20100729_010636_000000562091_00332_43973_0580.N1	29-JUL-2010 01:06:36	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	43973	No
18	GOM_TRA_1PNPDE20100729_010911_000000402091_00332_43973_0581.N1	29-JUL-2010 01:09:11	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	43973	No
19	GOM_TRA_1PNPDE20100729_011228_000000522091_00332_43973_0582.N1	29-JUL-2010 01:12:28	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	43973	No
20	GOM_TRA_1PNPDE20100729_011538_000000482091_00332_43973_0583.N1	29-JUL-2010 01:15:38	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	43973	No
21	GOM_TRA_1PNPDE20100729_013157_000000412091_00332_43973_0584.N1	29-JUL-2010 01:31:57	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43973	No
22	GOM_TRA_1PNPDE20100729_014059_000000422091_00332_43973_0585.N1	29-JUL-2010 01:40:59	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	43973	No
23	GOM_TRA_1PNPDE20100729_014239_000000382091_00332_43973_0586.N1	29-JUL-2010 01:42:39	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	43973	No
24	GOM_TRA_1PNPDE20100729_014403_000000452091_00332_43973_0587.N1	29-JUL-2010 01:44:03	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	43973	No
25	GOM_TRA_1PNPDE20100729_014925_000000432091_00332_43973_0588.N1	29-JUL-2010 01:49:25	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43973	No
26	GOM_TRA_1PNPDE20100729_020408_000000462091_00332_43973_0589.N1	29-JUL-2010 02:04:08	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	43973	No
27	GOM_TRA_1PNPDE20100729_020544_000000472091_00332_43973_0590.N1	29-JUL-2010 02:05:44	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	43973	No
28	GOM_TRA_1PNPDE20100729_020733_000000412091_00332_43973_0591.N1	29-JUL-2010 02:07:33	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	43973	No
29	GOM_TRA_1PNPDE20100729_020930_000000622091_00332_43973_0592.N1	29-JUL-2010 02:09:30	Bright	61.500	149	45Eps Per	2.8880	30000.	123	43973	No
30	GOM_TRA_1PNPDE20100729_021229_000000522091_00332_43973_0593.N1	29-JUL-2010 02:12:29	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	43973	No
31	GOM_TRA_1PNPDE20100729_021530_000000332091_00332_43973_0594.N1	29-JUL-2010 02:15:30	Dark	33.000	146	25Eta Tau	2.8730	15200.	66	43973	No
32	GOM_TRA_1PNPDE20100729_021706_000000512091_00332_43973_0595.N1	29-JUL-2010 02:17:06	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	43973	No
33	GOM_TRA_1PNPDE20100729_021908_000000392091_00332_43973_0596.N1	29-JUL-2010 02:19:08	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	43973	No
34	GOM_TRA_1PNPDE20100729_022327_000000462091_00332_43973_0614.N1	29-JUL-2010 02:23:27	Dark	46.000	7	19Bet Ori	0.10000	14000.	92	43973	No
35	GOM_TRA_1PNPDE20100729_022740_000000572091_00332_43973_0615.N1	29-JUL-2010 02:27:40	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	43973	No
36	GOM_TRA_1PNPDE20100729_024245_000000452091_00333_43974_0616.N1	29-JUL-2010 02:42:45	Dark	45.000	9	Alp Eri	0.45300	24000.	90	43974	No
37	GOM_TRA_1PNPDE20100729_024713_000000622091_00333_43974_0617.N1	29-JUL-2010 02:47:13	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	43974	No
38	GOM_TRA_1PNPDE20100729_024947_000000422091_00333_43974_0618.N1	29-JUL-2010 02:49:47	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43974	No
39	GOM_TRA_1PNPDE20100729_025304_000000482091_00333_43974_0619.N1	29-JUL-2010 02:53:04	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43974	No
40	GOM_TRA_1PNPDE20100729_025615_000000462091_00333_43974_0620.N1	29-JUL-2010 02:56:15	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43974	No
41	GOM_TRA_1PNPDE20100729_031233_000000402091_00333_43974_0621.N1	29-JUL-2010 03:12:33	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43974	No
42	GOM_TRA_1PNPDE20100729_032135_000000432091_00333_43974_0622.N1	29-JUL-2010 03:21:35	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	43974	No
43	GOM_TRA_1PNPDE20100729_032314_000000382091_00333_43974_0623.N1	29-JUL-2010 03:23:14	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43974	No
44	GOM_TRA_1PNPDE20100729_032438_000000422091_00333_43974_0624.N1	29-JUL-2010 03:24:38	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	43974	No
45	GOM_TRA_1PNPDE20100729_033000_000000382091_00333_43974_0625.N1	29-JUL-2010 03:30:00	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	43974	No
46	GOM_TRA_1PNPDE20100729_034444_000000582091_00333_43974_0640.N1	29-JUL-2010 03:44:44	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	43974	No
47	GOM_TRA_1PNPDE20100729_034619_000000492091_00333_43974_0641.N1	29-JUL-2010 03:46:19	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43974	No
48	GOM_TRA_1PNPDE20100729_034809_000000442091_00333_43974_0642.N1	29-JUL-2010 03:48:09	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	43974	No
49	GOM_TRA_1PNPDE20100729_035006_000000452091_00333_43974_0643.N1	29-JUL-2010 03:50:06	Bright	45.000	149	45Eps Per	2.8880	30000.	90	43974	No
50	GOM_TRA_1PNPDE20100729_035304_000000522091_00333_43974_0644.N1	29-JUL-2010 03:53:04	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	43974	No
51	GOM_TRA_1PNPDE20100729_035607_000000252091_00333_43974_0645.N1	29-JUL-2010 03:56:07	Dark	25.000	146	25Eta Tau	2.8730	15200.	50	43974	No
52	GOM_TRA_1PNPDE20100729_035742_000000472091_00333_43974_0646.N1	29-JUL-2010 03:57:42	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	43974	No
53	GOM_TRA_1PNPDE20100729_035944_000000372091_00333_43974_0647.N1	29-JUL-2010 03:59:44	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	43974	No
54	GOM_TRA_1PNPDE20100729_040403_000000512091_00333_43974_0648.N1	29-JUL-2010 04:04:03	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	43974	No
55	GOM_TRA_1PNPDE20100729_040816_000000532091_00333_43974_0649.N1	29-JUL-2010 04:08:16	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	43974	No
56	GOM_TRA_1PNPDE20100729_041740_000000452091_00333_43974_0650.N1	29-JUL-2010 04:17:40	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43974	No
57	GOM_TRA_1PNPDE20100729_042322_000000532091_00334_43975_0651.N1	29-JUL-2010 04:23:22	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43975	No
58	GOM_TRA_1PNPDE20100729_042750_000000552091_00334_43975_0652.N1	29-JUL-2010 04:27:50	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	43975	No
59	GOM_TRA_1PNPDE20100729_043024_000000432091_00334_43975_0653.N1	29-JUL-2010 04:30:24	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43975	No
60	GOM_TRA_1PNPDE20100729_043341_000000442091_00334_43975_0654.N1	29-JUL-2010 04:33:41	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	43975	No
61	GOM_TRA_1PNPDE20100729_043651_000000472091_00334_43975_0655.N1	29-JUL-2010 04:36:51	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43975	No
62	GOM_TRA_1PNPDE20100729_045309_000000382091_00334_43975_0656.N1	29-JUL-2010 04:53:09	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	43975	No
63	GOM_TRA_1PNPDE20100729_050210_000000492091_00334_43975_0657.N1	29-JUL-2010 05:02:10	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	43975	No
64	GOM_TRA_1PNPDE20100729_050350_000000382091_00334_43975_0658.N1	29-JUL-2010 05:03:50	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43975	No
65	GOM_TRA_1PNPDE20100729_050514_000000452091_00334_43975_0659.N1	29-JUL-2010 05:05:14	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	43975	No
66	GOM_TRA_1PNPDE20100729_051036_000000402091_00334_43975_0660.N1	29-JUL-2010 05:10:36	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43975	No
67	GOM_TRA_1PNPDE20100729_052520_000000562091_00334_43975_0664.N1	29-JUL-2010 05:25:20	Bright	55.500	160	23Gam Per	2.9300	4700.0	111	43975	No
68	GOM_TRA_1PNPDE20100729_052655_000000502091_00334_43975_0665.N1	29-JUL-2010 05:26:55	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	43975	No
69	GOM_TRA_1PNPDE20100729_052845_000000422091_00334_43975_0666.N1	29-JUL-2010 05:28:45	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	43975	No

70	GOM_TRA_1PNPDE20100729_053042_000000452091_00334_43975_0667.N1	29-JUL-2010 05:30:42	Bright	45.000	149	45Eps Per	2.8880	30000.	90	43975	No
71	GOM_TRA_1PNPDE20100729_053340_000000502091_00334_43975_0668.N1	29-JUL-2010 05:33:40	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	43975	No
72	GOM_TRA_1PNPDE20100729_053643_000000252091_00334_43975_0669.N1	29-JUL-2010 05:36:43	Dark	25.000	146	25Eta Tau	2.8730	15200.	50	43975	No
73	GOM_TRA_1PNPDE20100729_053818_000000522091_00334_43975_0670.N1	29-JUL-2010 05:38:18	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	43975	No
74	GOM_TRA_1PNPDE20100729_054021_000000392091_00334_43975_0671.N1	29-JUL-2010 05:40:21	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	43975	No
75	GOM_TRA_1PNPDE20100729_054440_000000512091_00334_43975_0672.N1	29-JUL-2010 05:44:40	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	43975	No
76	GOM_TRA_1PNPDE20100729_054853_000000562091_00334_43975_0673.N1	29-JUL-2010 05:48:53	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	43975	No
77	GOM_TRA_1PNPDE20100729_055817_000000452091_00334_43975_0674.N1	29-JUL-2010 05:58:17	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43975	No
78	GOM_TRA_1PNPDE20100729_060359_000000532091_00335_43976_0675.N1	29-JUL-2010 06:03:59	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43976	No
79	GOM_TRA_1PNPDE20100729_060827_000000572091_00335_43976_0676.N1	29-JUL-2010 06:08:27	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	43976	No
80	GOM_TRA_1PNPDE20100729_061100_000000412091_00335_43976_0677.N1	29-JUL-2010 06:11:00	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43976	No
81	GOM_TRA_1PNPDE20100729_061417_000000472091_00335_43976_0678.N1	29-JUL-2010 06:14:17	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43976	No
82	GOM_TRA_1PNPDE20100729_061728_000000462091_00335_43976_0679.N1	29-JUL-2010 06:17:28	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	43976	No
83	GOM_TRA_1PNPDE20100729_063344_000000432091_00335_43976_0680.N1	29-JUL-2010 06:33:44	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43976	No
84	GOM_TRA_1PNPDE20100729_064246_000000482091_00335_43976_0681.N1	29-JUL-2010 06:42:46	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	43976	No
85	GOM_TRA_1PNPDE20100729_064426_000000382091_00335_43976_0682.N1	29-JUL-2010 06:44:26	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	43976	No
86	GOM_TRA_1PNPDE20100729_064549_000000472091_00335_43976_0683.N1	29-JUL-2010 06:45:49	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	43976	No
87	GOM_TRA_1PNPDE20100729_065111_000000422091_00335_43976_0684.N1	29-JUL-2010 06:51:11	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43976	No
88	GOM_TRA_1PNPDE20100729_193909_000000532091_00343_43984_0850.N1	29-JUL-2010 19:39:09	Straylight	52.500	31	Alp Gru	1.7340	15200.	105	43984	No
89	GOM_TRA_1PNPDE20100729_194219_000000462091_00343_43984_0851.N1	29-JUL-2010 19:42:19	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43984	No
90	GOM_TRA_1PNPDE20100729_195831_000000392091_00343_43984_0852.N1	29-JUL-2010 19:58:31	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	43984	No
91	GOM_TRA_1PNPDE20100729_200728_000000452091_00343_43984_0853.N1	29-JUL-2010 20:07:28	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	43984	No
92	GOM_TRA_1PNPDE20100729_200911_000000382091_00343_43984_0854.N1	29-JUL-2010 20:09:11	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43984	No
93	GOM_TRA_1PNPDE20100729_201033_000000482091_00343_43984_0855.N1	29-JUL-2010 20:10:33	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	43984	No
94	GOM_TRA_1PNPDE20100729_201555_000000432091_00343_43984_0856.N1	29-JUL-2010 20:15:55	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43984	No
95	GOM_TRA_1PNPDE20100729_203040_000000502091_00343_43984_0857.N1	29-JUL-2010 20:30:40	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	43984	No
96	GOM_TRA_1PNPDE20100729_203216_000000492091_00343_43984_0858.N1	29-JUL-2010 20:32:16	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	43984	No
97	GOM_TRA_1PNPDE20100729_203409_000000552091_00343_43984_0859.N1	29-JUL-2010 20:34:09	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	43984	No
98	GOM_TRA_1PNPDE20100729_203605_000000442091_00343_43984_0860.N1	29-JUL-2010 20:36:05	Bright	44.000	149	45Eps Per	2.8880	30000.	88	43984	No
99	GOM_TRA_1PNPDE20100729_203918_000000452091_00343_43984_0861.N1	29-JUL-2010 20:39:18	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	43984	No
100	GOM_TRA_1PNPDE20100729_204120_000000412091_00343_43984_0862.N1	29-JUL-2010 20:41:20	Tw_i_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	43984	No
101	GOM_TRA_1PNPDE20100729_204345_000000612091_00343_43984_0863.N1	29-JUL-2010 20:43:45	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	43984	No
102	GOM_TRA_1PNPDE20100729_204547_000000432091_00343_43984_0864.N1	29-JUL-2010 20:45:47	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	43984	No
103	GOM_TRA_1PNPDE20100729_205007_000000432091_00343_43984_0875.N1	29-JUL-2010 20:50:07	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	43984	No
104	GOM_TRA_1PNPDE20100729_205425_000000562091_00343_43984_0876.N1	29-JUL-2010 20:54:25	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	43984	No
105	GOM_TRA_1PNPDE20100729_210348_000000452091_00343_43984_0877.N1	29-JUL-2010 21:03:48	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43984	No
106	GOM_TRA_1PNPDE20100729_210928_000000422091_00344_43985_0878.N1	29-JUL-2010 21:09:28	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43985	No
107	GOM_TRA_1PNPDE20100729_211400_000000542091_00344_43985_0879.N1	29-JUL-2010 21:14:00	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	43985	No
108	GOM_TRA_1PNPDE20100729_211628_000000412091_00344_43985_0880.N1	29-JUL-2010 21:16:28	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	43985	No
109	GOM_TRA_1PNPDE20100729_211946_000000452091_00344_43985_0881.N1	29-JUL-2010 21:19:46	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43985	No
110	GOM_TRA_1PNPDE20100729_212256_000000462091_00344_43985_0882.N1	29-JUL-2010 21:22:56	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43985	No
111	GOM_TRA_1PNPDE20100729_213907_000000392091_00344_43985_0883.N1	29-JUL-2010 21:39:07	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	43985	No
112	GOM_TRA_1PNPDE20100729_214803_000000442091_00344_43985_0884.N1	29-JUL-2010 21:48:03	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	43985	No
113	GOM_TRA_1PNPDE20100729_214947_000000372091_00344_43985_0885.N1	29-JUL-2010 21:49:47	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	43985	No
114	GOM_TRA_1PNPDE20100729_215108_000000462091_00344_43985_0886.N1	29-JUL-2010 21:51:08	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43985	No
115	GOM_TRA_1PNPDE20100729_215631_000000432091_00344_43985_0887.N1	29-JUL-2010 21:56:31	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43985	No
116	GOM_TRA_1PNPDE20100729_221116_000000472091_00344_43985_0888.N1	29-JUL-2010 22:11:16	Bright	46.500	160	23Gam Per	2.9300	4700.0	93	43985	No
117	GOM_TRA_1PNPDE20100729_221252_000000482091_00344_43985_0889.N1	29-JUL-2010 22:12:52	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	43985	No
118	GOM_TRA_1PNPDE20100729_221445_000000422091_00344_43985_0890.N1	29-JUL-2010 22:14:45	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	43985	No
119	GOM_TRA_1PNPDE20100729_221641_000000452091_00344_43985_0891.N1	29-JUL-2010 22:16:41	Bright	44.500	149	45Eps Per	2.8880	30000.	89	43985	No
120	GOM_TRA_1PNPDE20100729_221954_000000552091_00344_43985_0892.N1	29-JUL-2010 22:19:54	Bright	55.000	28	12Bet Tau	1.6500	15200.	110	43985	No
121	GOM_TRA_1PNPDE20100729_222156_000000422091_00344_43985_0893.N1	29-JUL-2010 22:21:56	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	43985	No
122	GOM_TRA_1PNPDE20100729_222421_000000532091_00344_43985_0894.N1	29-JUL-2010 22:24:21	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	43985	No
123	GOM_TRA_1PNPDE20100729_222623_000000422091_00344_43985_0895.N1	29-JUL-2010 22:26:23	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	43985	No
124	GOM_TRA_1PNPDE20100729_223043_000000432091_00344_43985_0896.N1	29-JUL-2010 22:30:43	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	43985	No
125	GOM_TRA_1PNPDE20100729_223501_000000532091_00344_43985_0902.N1	29-JUL-2010 22:35:01	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	43985	No
126	GOM_TRA_1PNPDE20100729_224425_000000462091_00344_43985_0903.N1	29-JUL-2010 22:44:25	Dark	45.500	157	The1Eri	2.9060	9300.0	91	43985	No
127	GOM_TRA_1PNPDE20100729_225005_000000432091_00345_43986_0904.N1	29-JUL-2010 22:50:05	Dark	43.000	9	Alp Eri	0.45300	24000.	86	43986	No
128	GOM_TRA_1PNPDE20100729_225437_000000562091_00345_43986_0905.N1	29-JUL-2010 22:54:37	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	43986	No

129	GOM_TRA_1PNPDE20100729_225704_000000502091_00345_43986_0906.N1	29-JUL-2010 22:57:04	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	43986	No
130	GOM_TRA_1PNPDE20100729_230022_000000452091_00345_43986_0907.N1	29-JUL-2010 23:00:22	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43986	No
131	GOM_TRA_1PNPDE20100729_230332_000000472091_00345_43986_0908.N1	29-JUL-2010 23:03:32	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43986	No
132	GOM_TRA_1PNPDE20100729_231942_000000392091_00345_43986_0909.N1	29-JUL-2010 23:19:42	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	43986	No
133	GOM_TRA_1PNPDE20100729_232839_000000452091_00345_43986_0910.N1	29-JUL-2010 23:28:39	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	43986	No
134	GOM_TRA_1PNPDE20100729_233023_000000392091_00345_43986_0911.N1	29-JUL-2010 23:30:23	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43986	No
135	GOM_TRA_1PNPDE20100729_233143_000000452091_00345_43986_0912.N1	29-JUL-2010 23:31:43	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	43986	No
136	GOM_TRA_1PNPDE20100729_233706_000000382091_00345_43986_0913.N1	29-JUL-2010 23:37:06	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	43986	No
137	GOM_TRA_1PNPDE20100729_235151_000000482091_00345_43986_0914.N1	29-JUL-2010 23:51:51	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	43986	No
138	GOM_TRA_1PNPDE20100729_235327_000000482091_00345_43986_0915.N1	29-JUL-2010 23:53:27	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	43986	No
139	GOM_TRA_1PNPDE20100729_235520_000000422091_00345_43986_0916.N1	29-JUL-2010 23:55:20	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	43986	No
140	GOM_TRA_1PNPDE20100729_235717_000000442091_00345_43986_0917.N1	29-JUL-2010 23:57:17	Bright	44.000	149	45Eps Per	2.8880	30000.	88	43986	No

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



4. Overview of dark signal processing per product

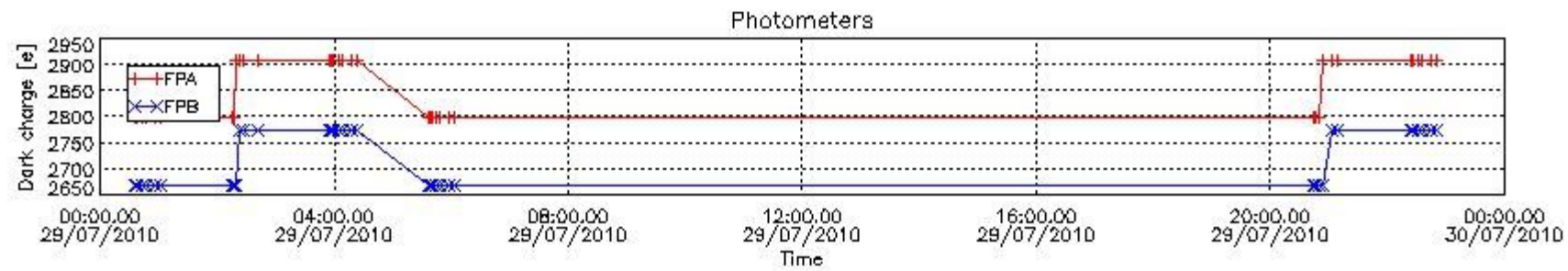
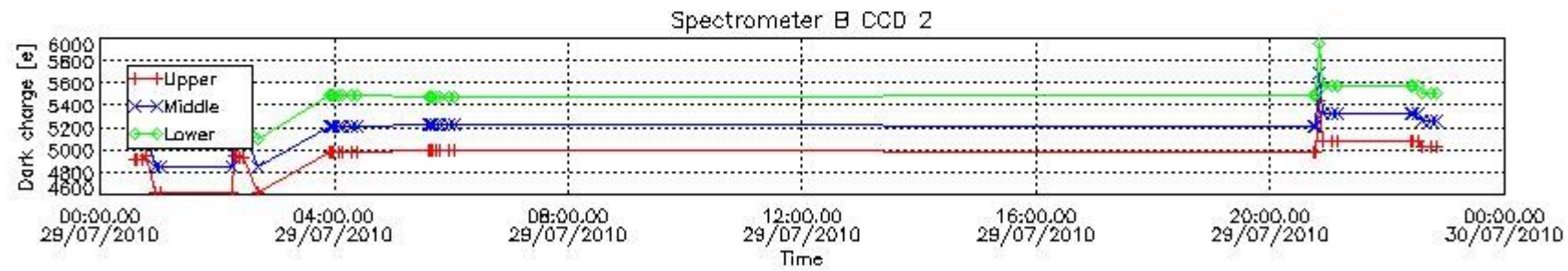
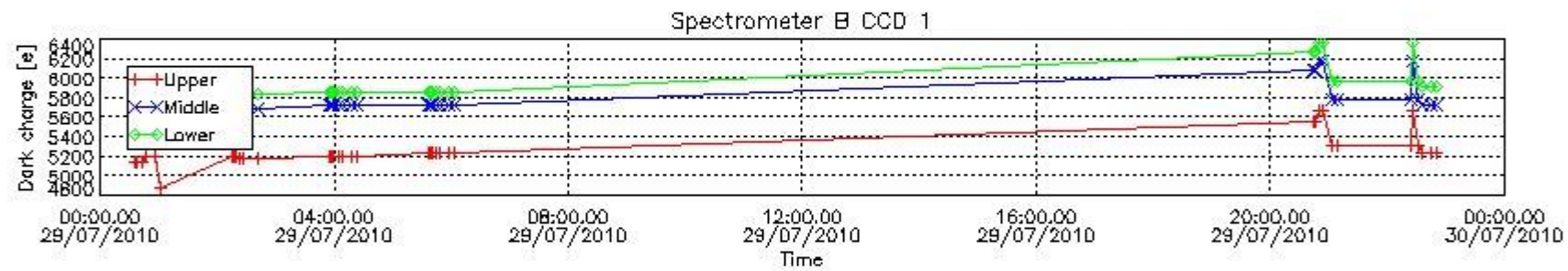
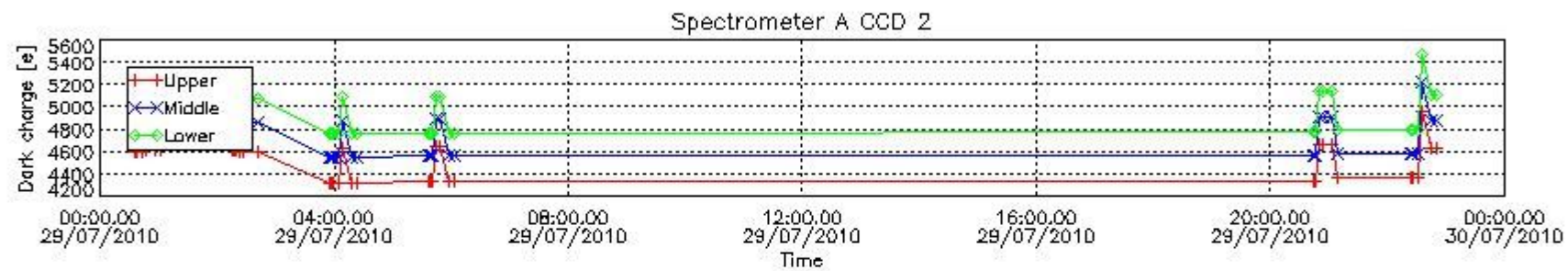
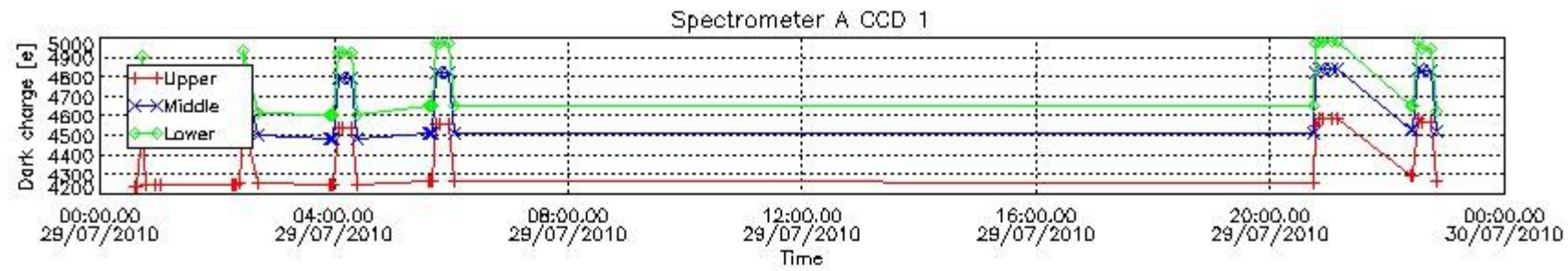
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100729_193909_000000532091_00343_43984_0850.N1	DC map used
GOM_TRA_1PNPDE20100729_194219_000000462091_00343_43984_0851.N1	DC map used
GOM_TRA_1PNPDE20100729_195831_000000392091_00343_43984_0852.N1	DC map used
GOM_TRA_1PNPDE20100729_200728_000000452091_00343_43984_0853.N1	DC map used
GOM_TRA_1PNPDE20100729_200911_000000382091_00343_43984_0854.N1	DC map used
GOM_TRA_1PNPDE20100729_201033_000000482091_00343_43984_0855.N1	DC map used
GOM_TRA_1PNPDE20100729_201555_000000432091_00343_43984_0856.N1	DC map used
GOM_TRA_1PNPDE20100729_203040_000000502091_00343_43984_0857.N1	DC map used
GOM_TRA_1PNPDE20100729_203216_000000492091_00343_43984_0858.N1	DC map used
GOM_TRA_1PNPDE20100729_203409_000000552091_00343_43984_0859.N1	DC map used
GOM_TRA_1PNPDE20100729_203605_000000442091_00343_43984_0860.N1	DC map used
GOM_TRA_1PNPDE20100729_203918_000000452091_00343_43984_0861.N1	DC map used
GOM_TRA_1PNPDE20100729_204120_000000412091_00343_43984_0862.N1	DC map used
GOM_TRA_1PNPDE20100729_204345_000000612091_00343_43984_0863.N1	DC map used
GOM_TRA_1PNPDE20100729_204547_000000432091_00343_43984_0864.N1	DC map used

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



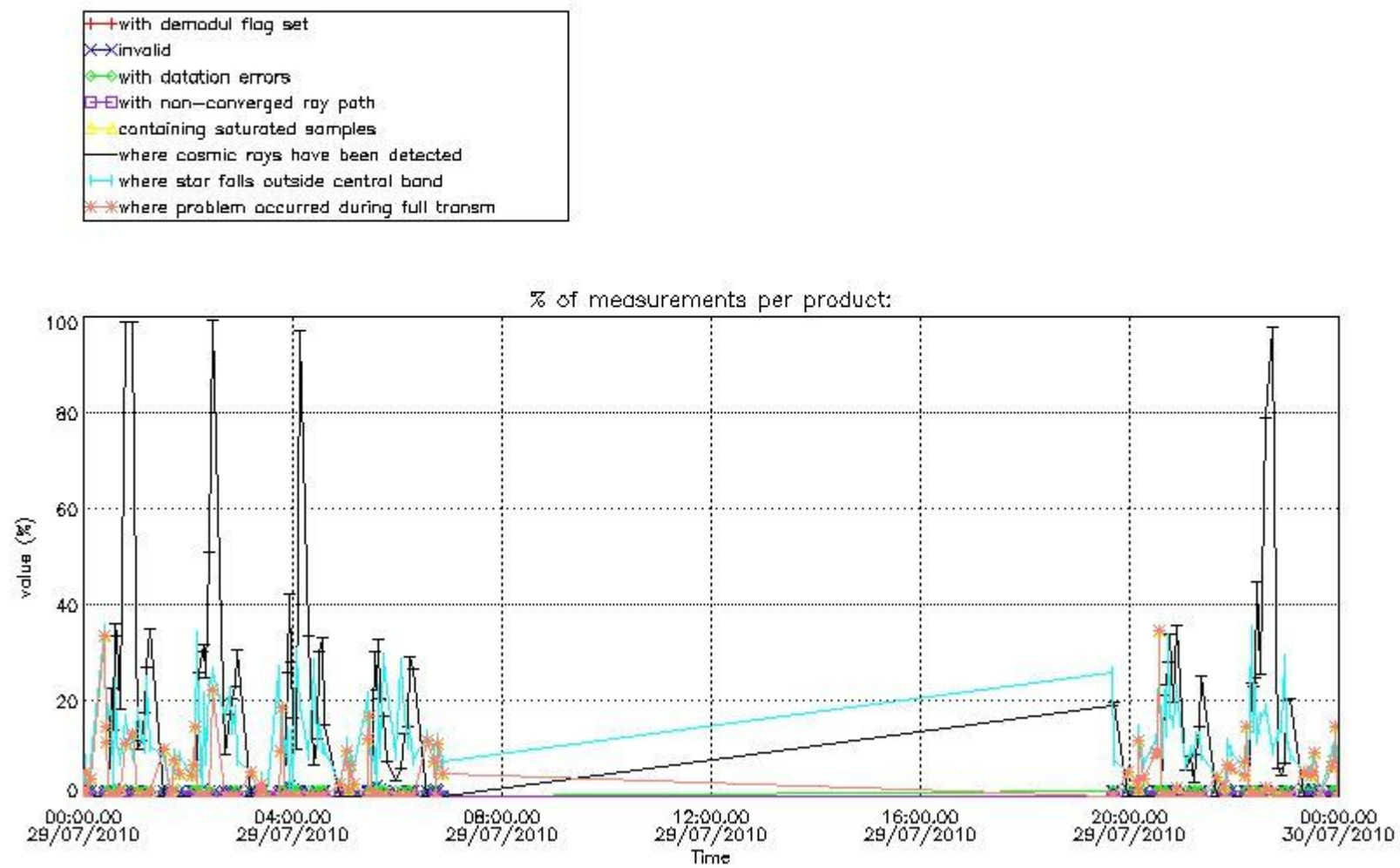
5. Demodulation flag and quality information monitoring

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.

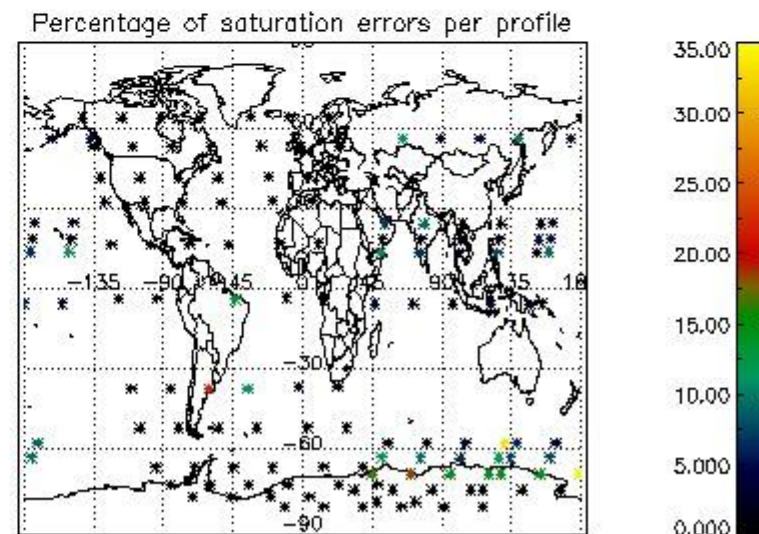
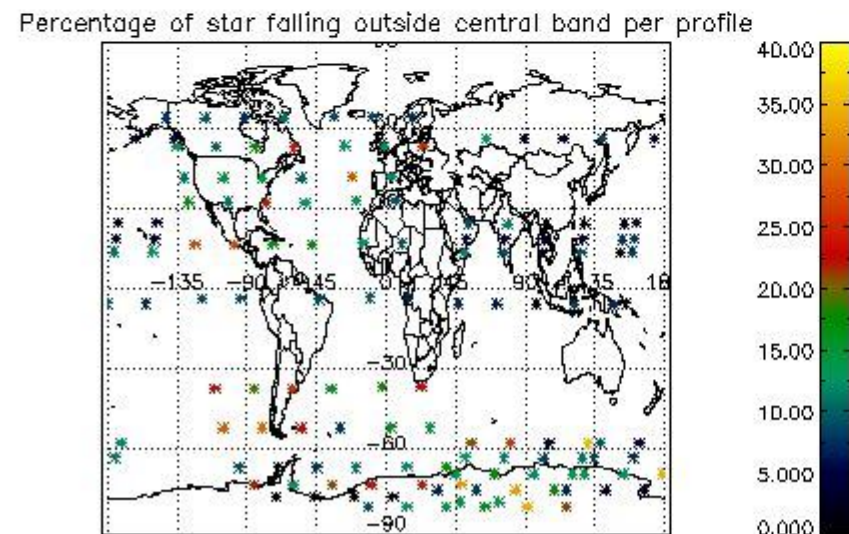
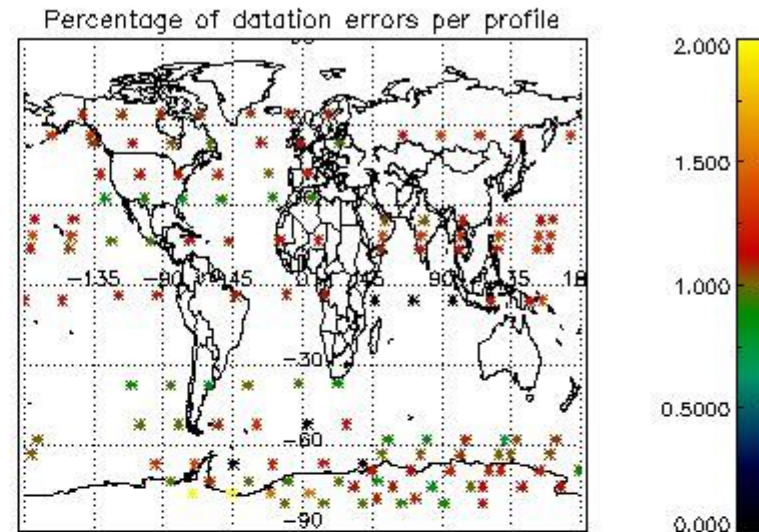
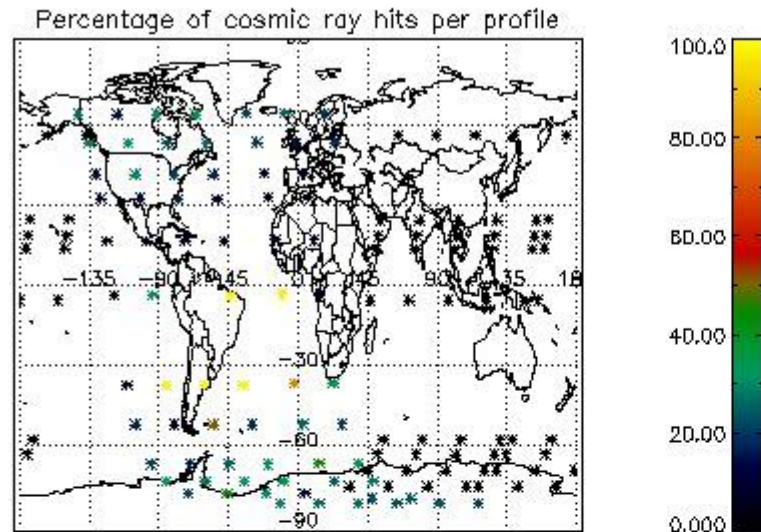
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	41.4286 %
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)



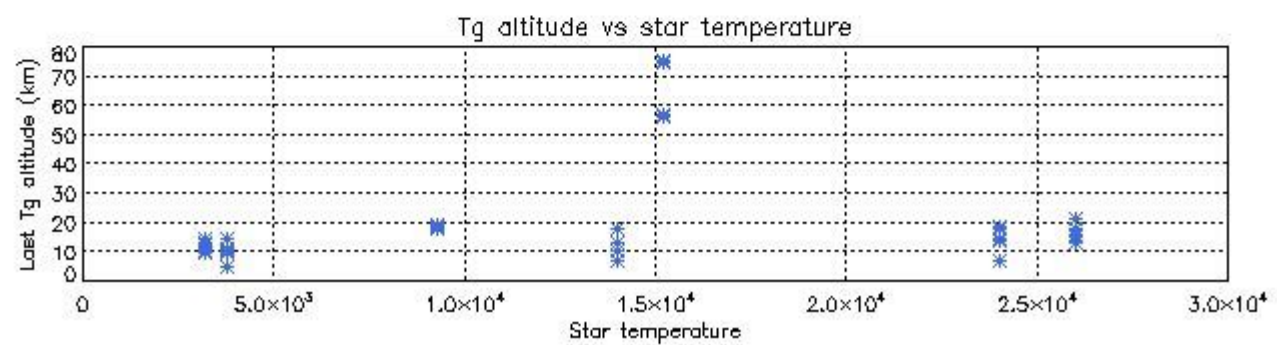
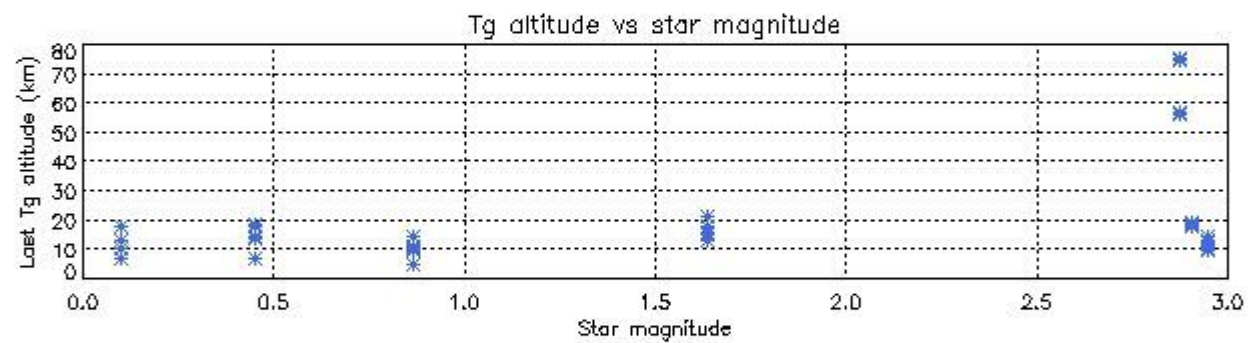
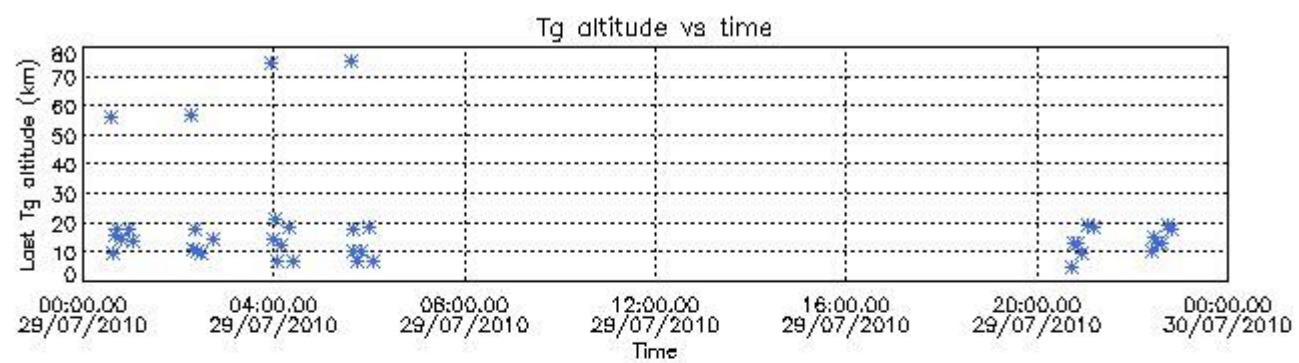
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	18.703	18.989	NaN
St. deviation:	16.885	5.3993	NaN
Maximum:	75.258	30.154	NaN
Minimum:	4.4841	3.8326	NaN
Number of data:	39.000	69.000	NaN

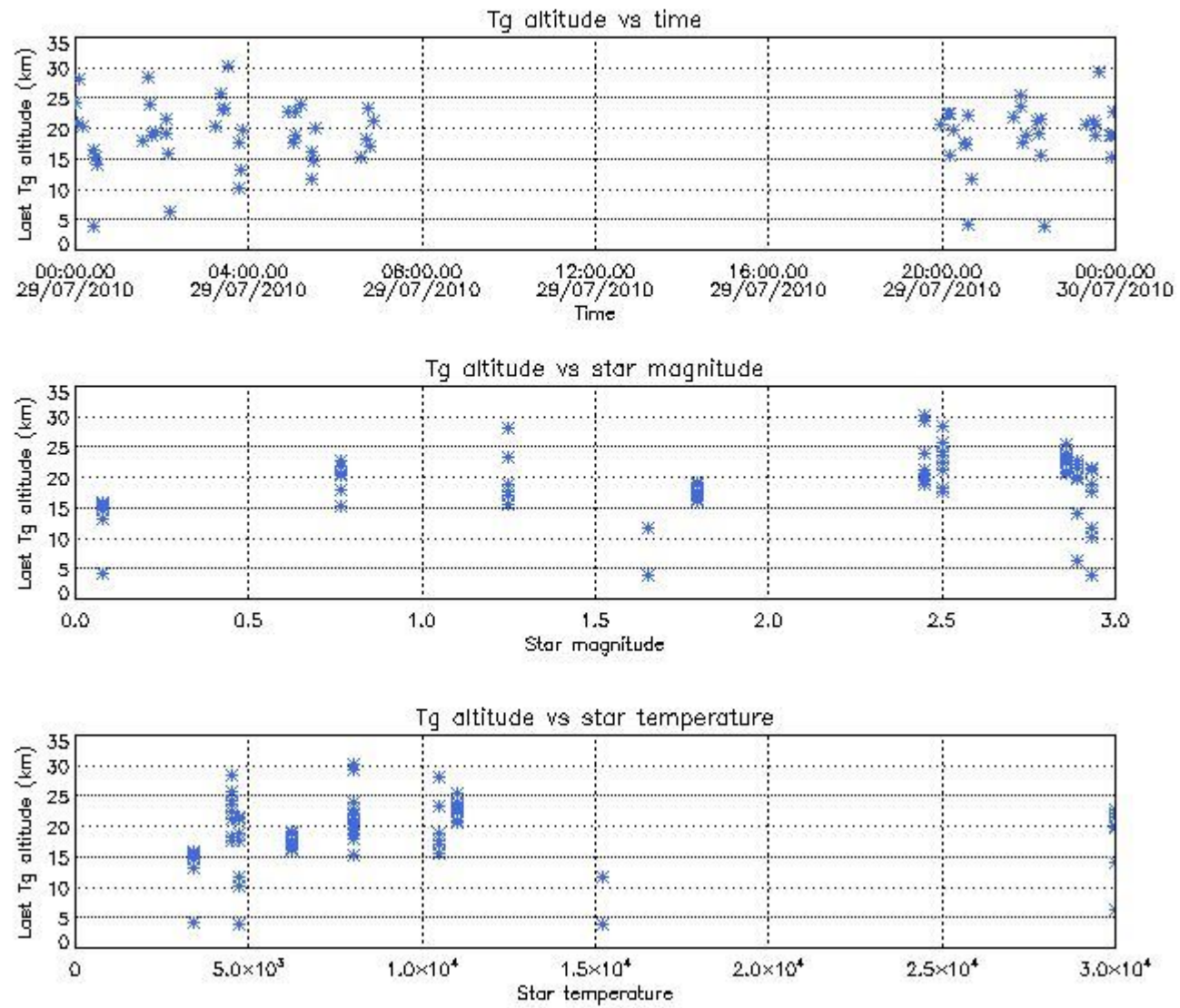
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

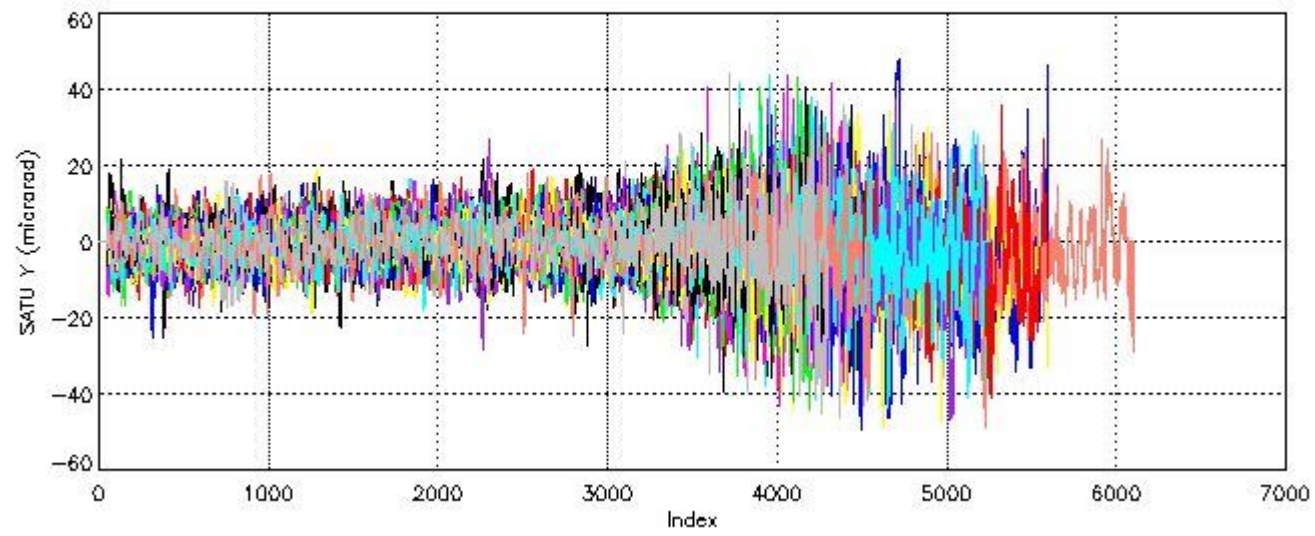
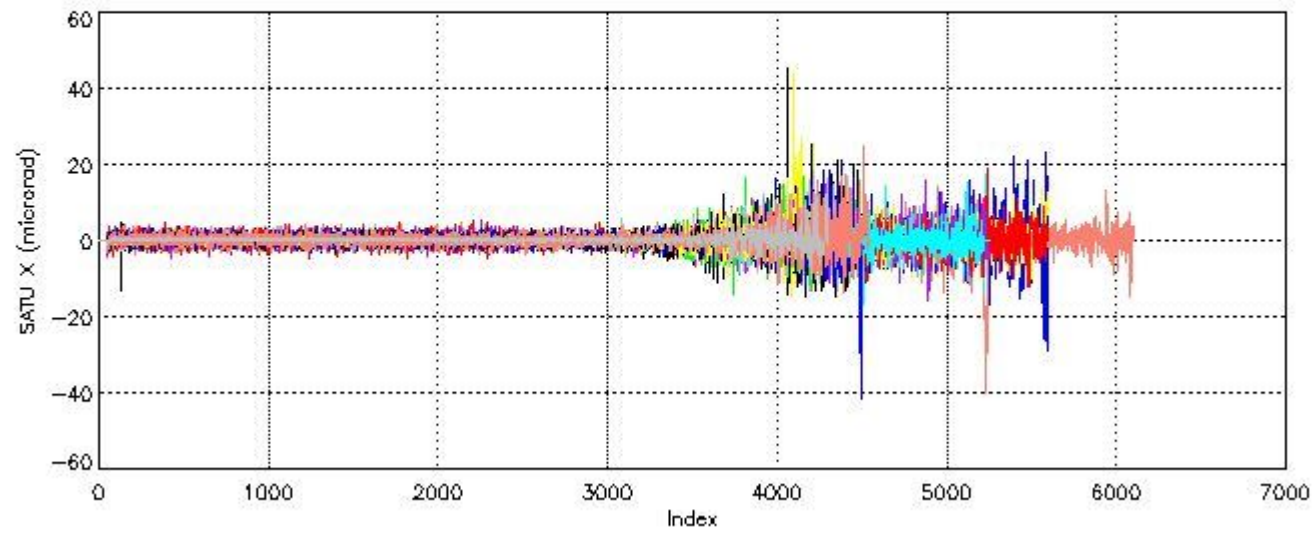


7. Star Acquisition and Tracking Unit (SATU)

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:	0.15838	-0.91168	0.22467	-0.72799
St. deviation:	0.50500	4.3801	0.75302	4.1771
Maximum:	4.8000	21.600	5.2000	15.600
Minimum:	-13.200	-25.200	-5.1000	-17.000

Number of data:	39200.	39200.	70600.	70600.
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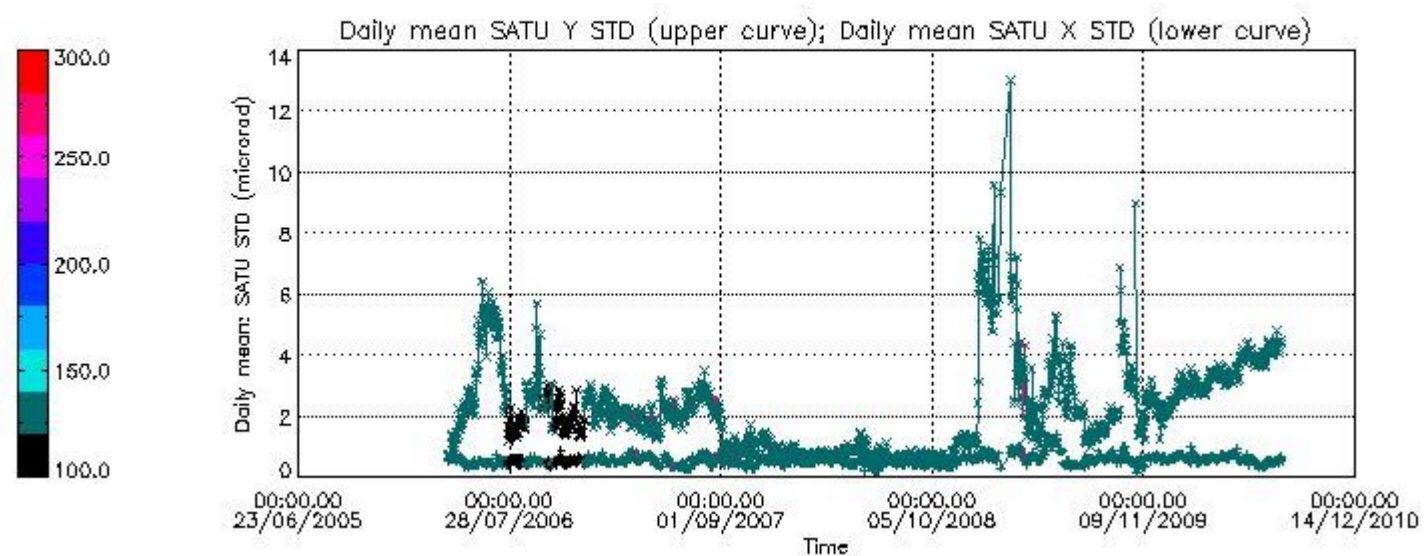
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

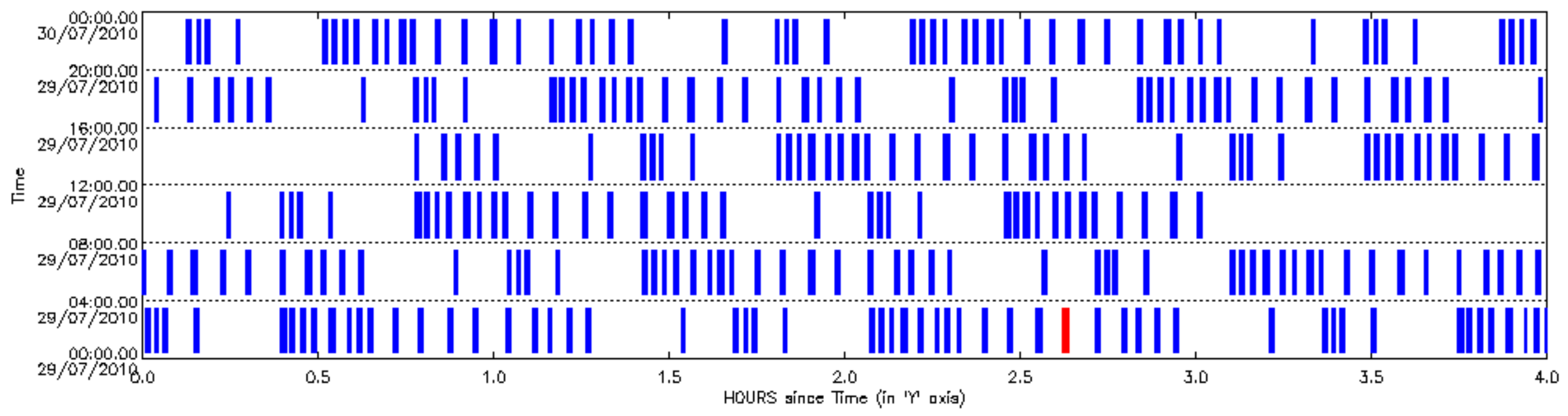
Lower curve: STD of SATU X axis

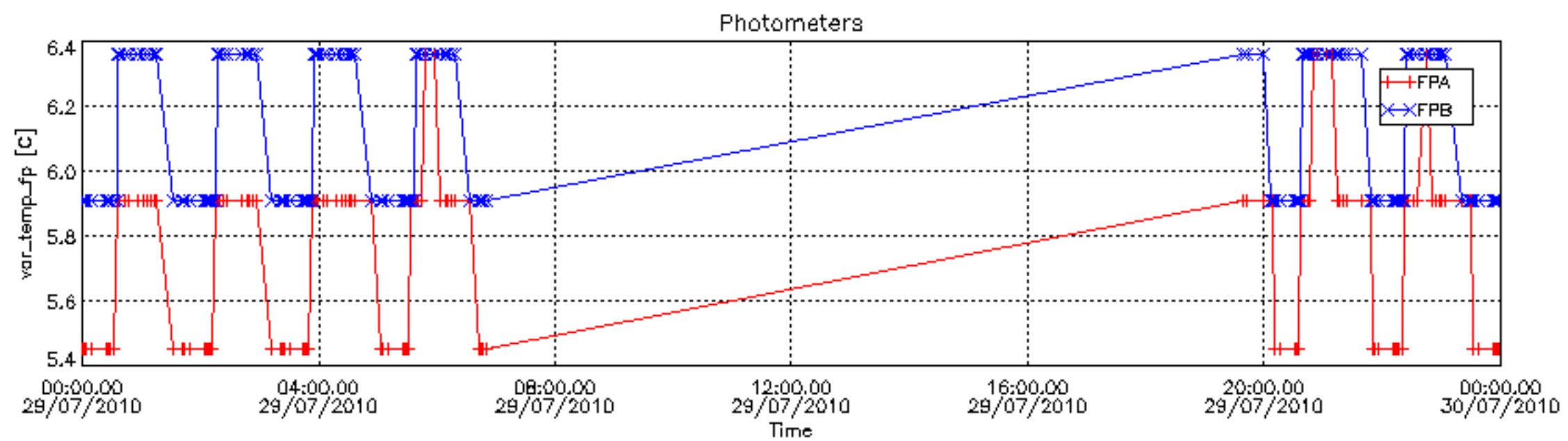
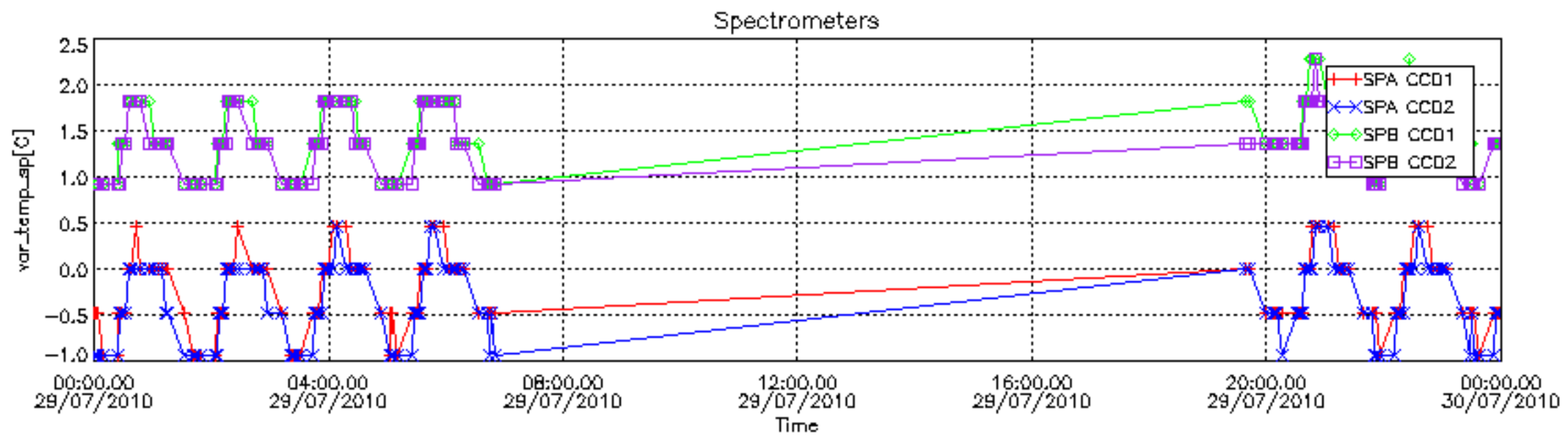


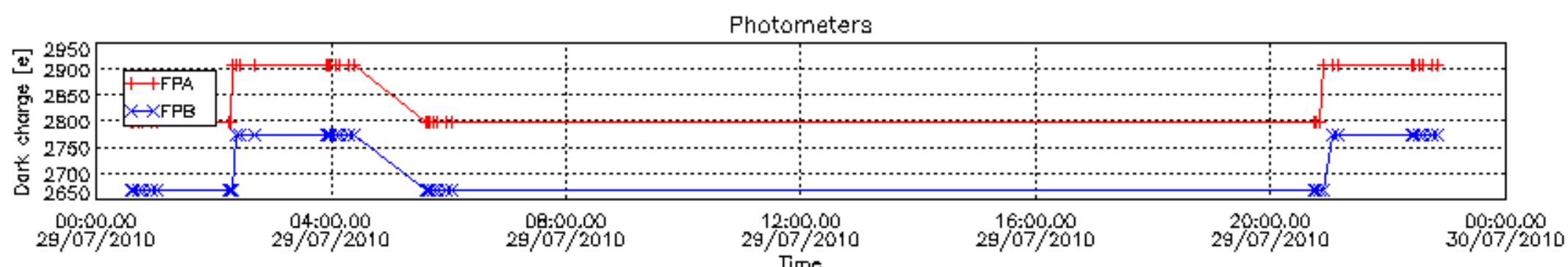
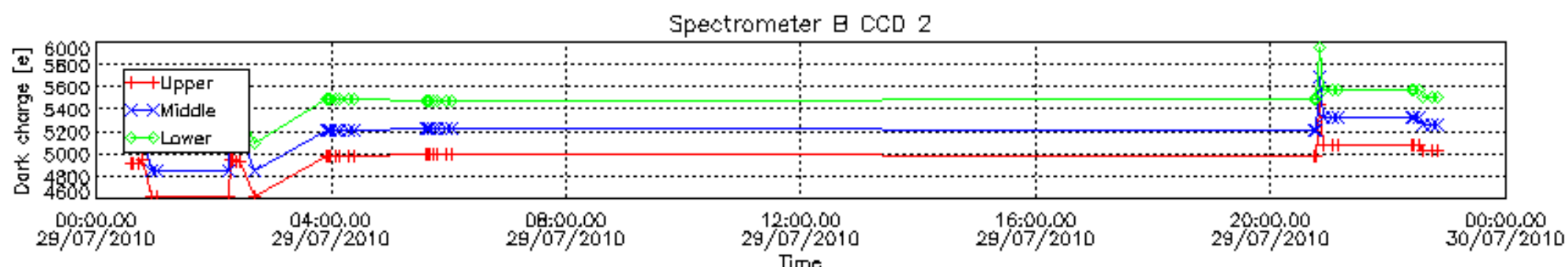
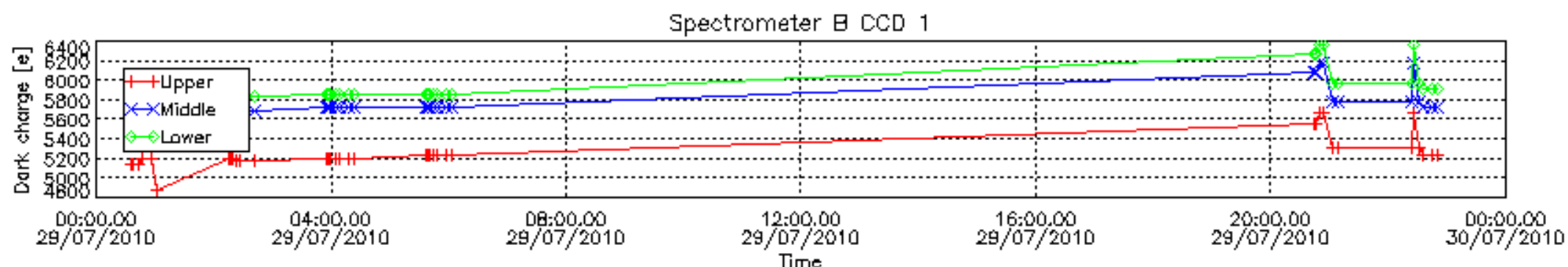
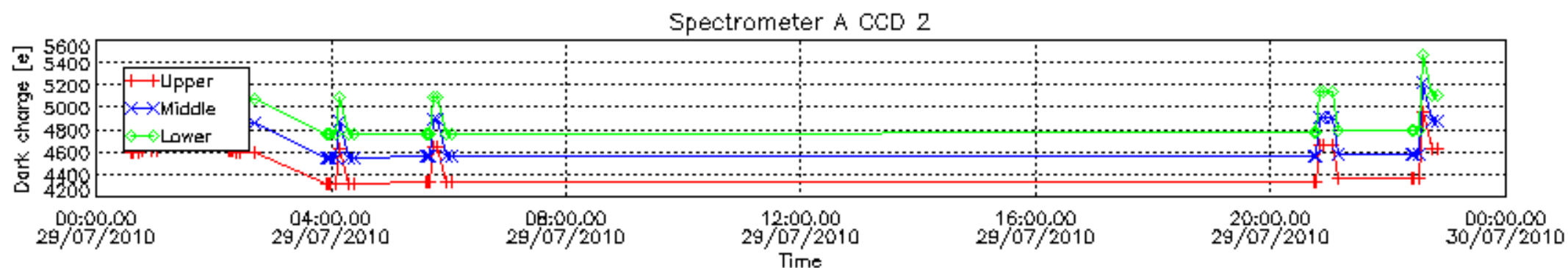
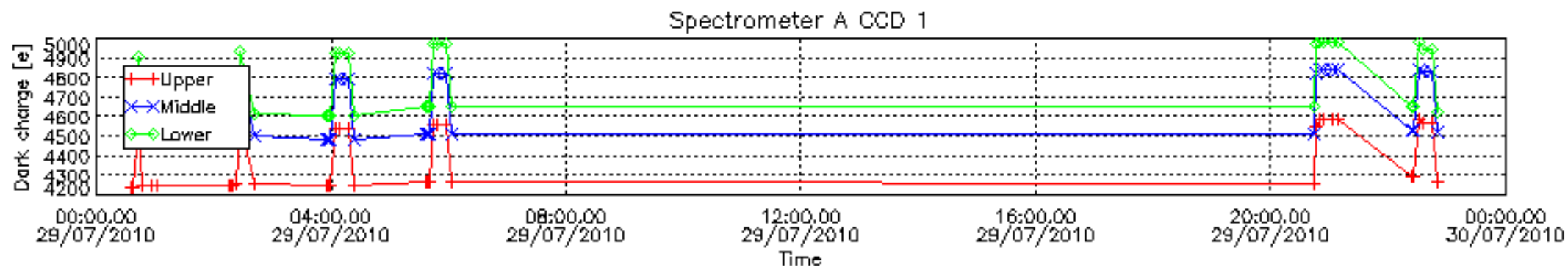
8. Auxiliary Data Files used for the production reported in section 2.4

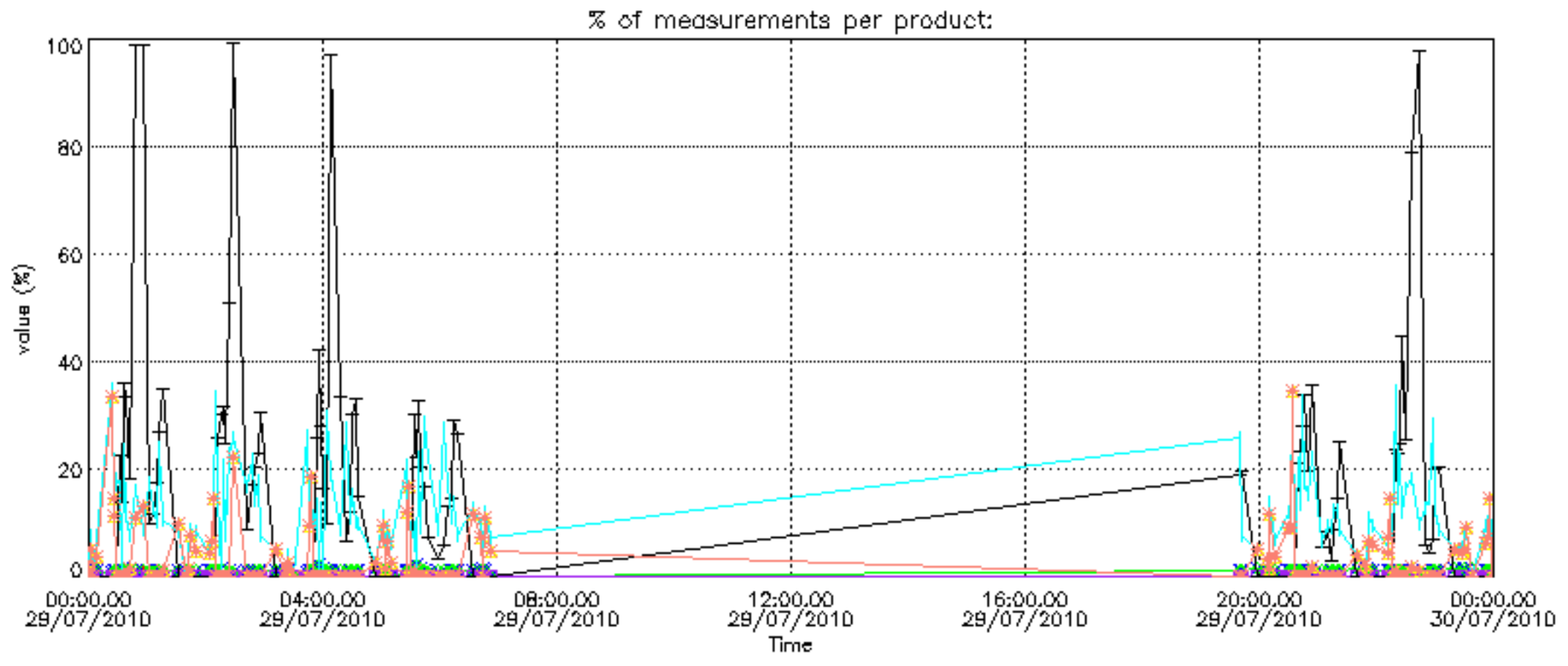
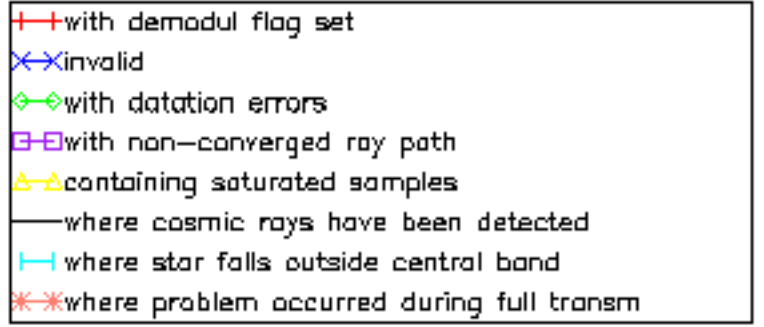
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-JUL-2010 00:00:24
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100727_083506_20100725_000000_20500101_000000	1	29-JUL-2010 00:00:24
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	29-JUL-2010 00:00:24
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	29-JUL-2010 00:00:24
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	29-JUL-2010 00:00:24
ECMWF_FILE	MISSING	1	29-JUL-2010 00:00:24
ECMWF_FILE	AUX_ECF_AXNECM20100729_081959_20100729_150000_20100730_030000	88	29-JUL-2010 19:39:09
ECMWF_FILE	AUX_ECF_AXNECM20100729_082000_20100729_210000_20100730_090000	125	29-JUL-2010 22:35:01
OPTIONAL_ECMWF_FILE	MISSING	1	29-JUL-2010 00:00:24
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100728_092112_20100727_184647_20100806_201301	1	29-JUL-2010 00:00:24
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100729_004243_000054192091_00331_43972_0843.N1	14	29-JUL-2010 00:47:03
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100729_021821_000044632091_00332_43973_0844.N1	34	29-JUL-2010 02:23:27
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100729_033803_000057382091_00333_43974_0845.N1	46	29-JUL-2010 03:44:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100729_051900_000057382091_00334_43975_0846.N1	67	29-JUL-2010 05:25:20
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100729_193425_000038252091_00343_43984_0847.N1	88	29-JUL-2010 19:39:09
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100729_204329_000060572091_00343_43984_0848.N1	103	29-JUL-2010 20:50:07
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100729_222945_000057382091_00344_43985_0849.N1	125	29-JUL-2010 22:35:01

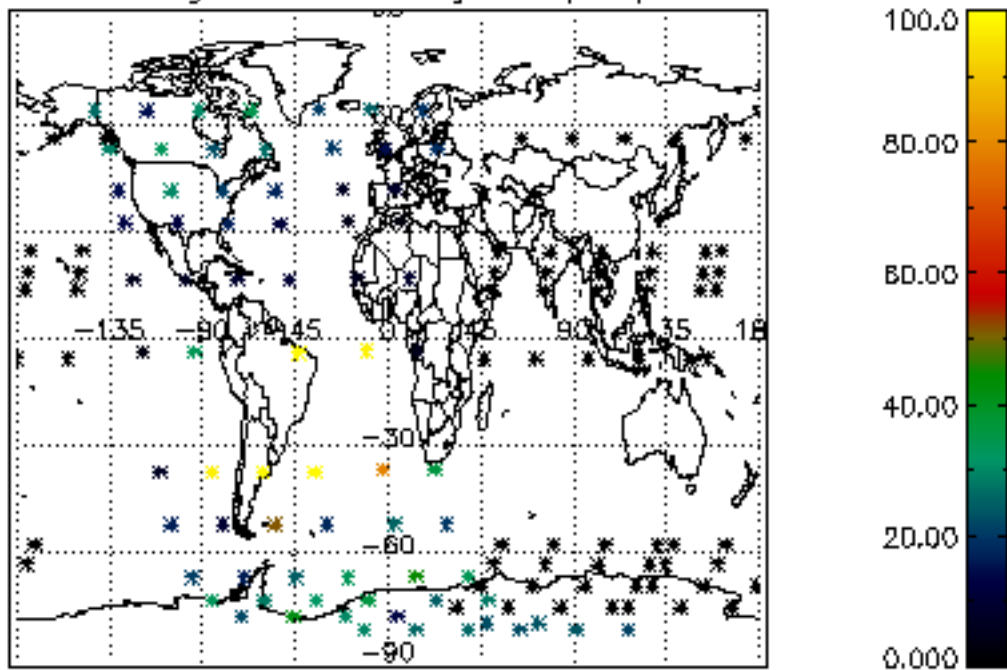




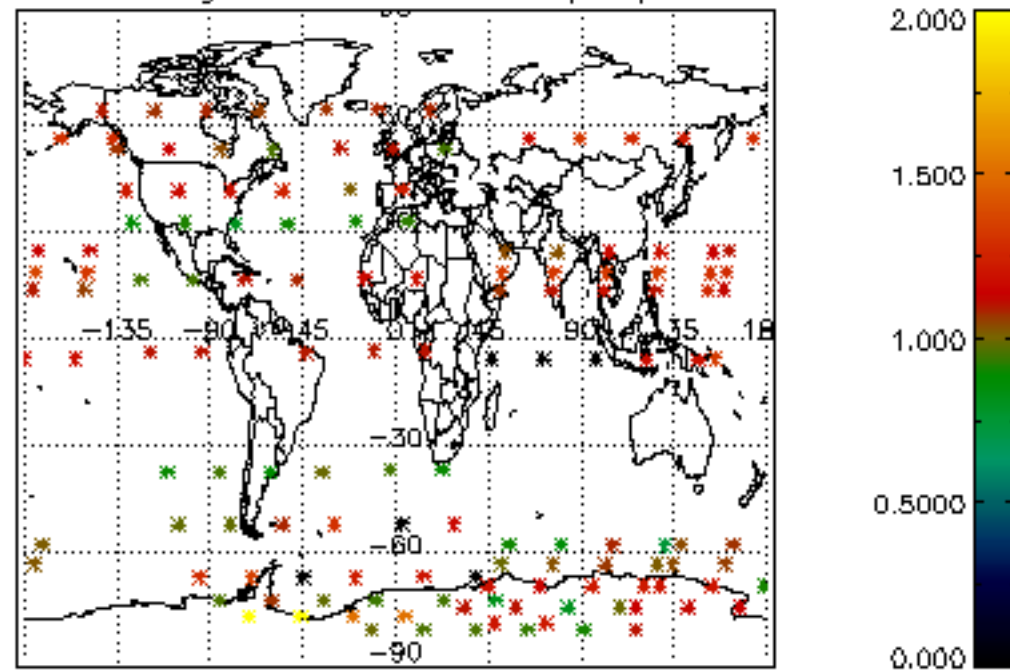




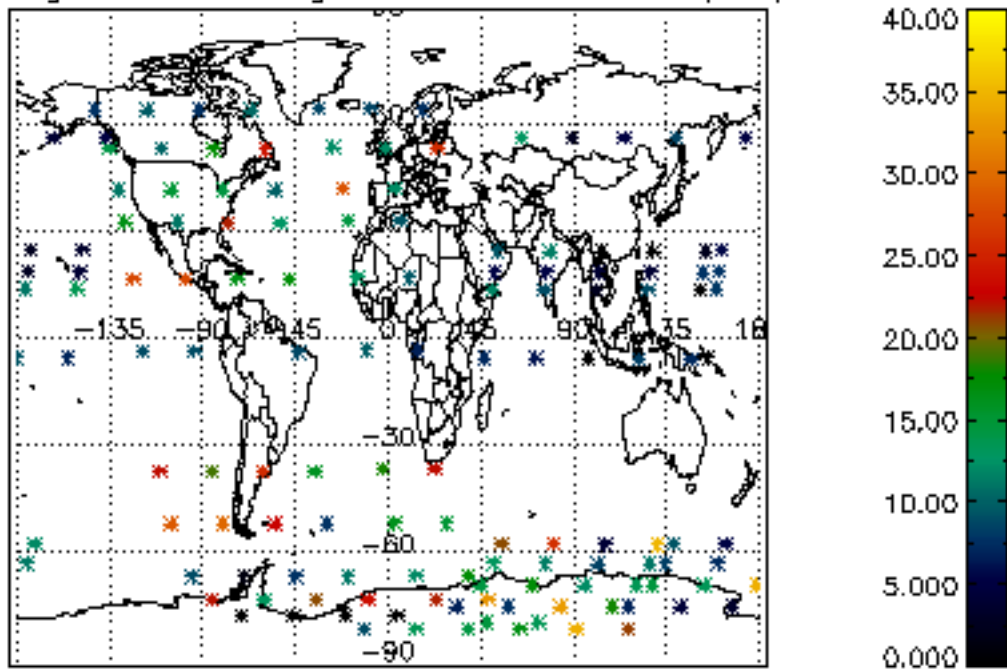
Percentage of cosmic ray hits per profile



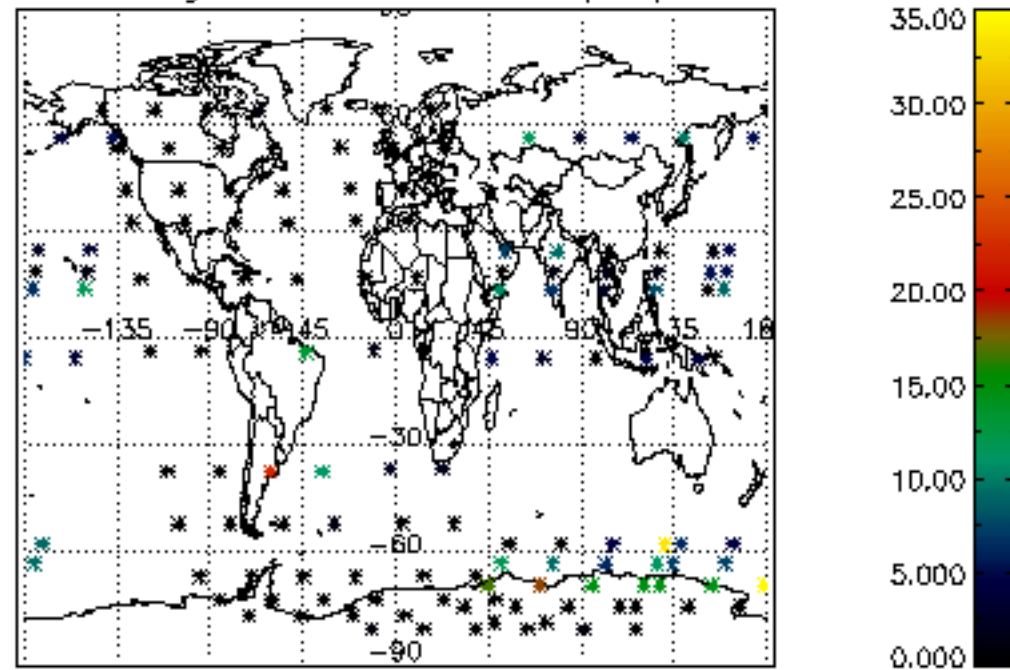
Percentage of datation errors per profile



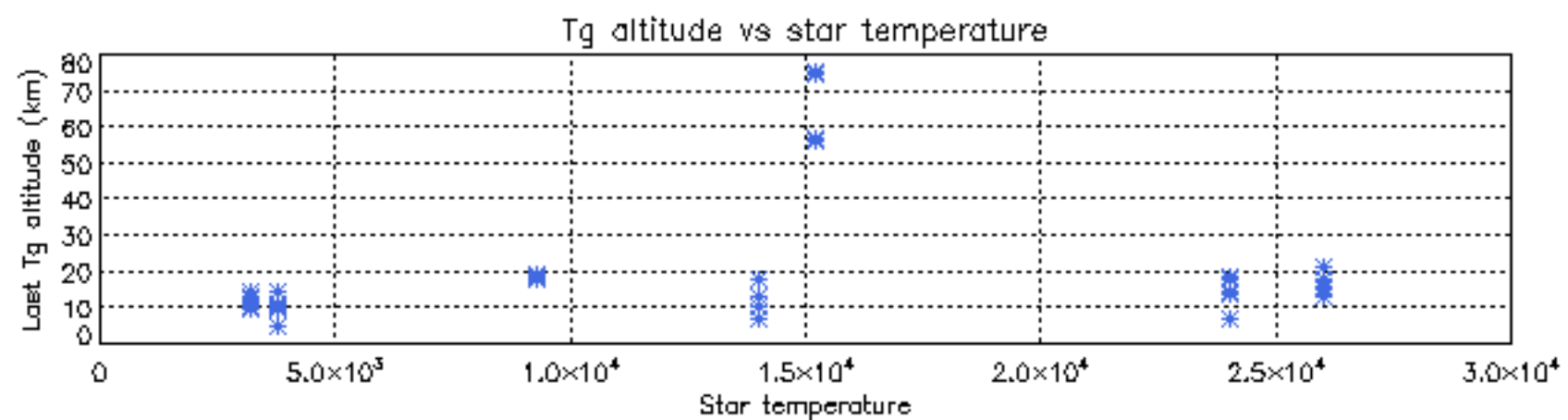
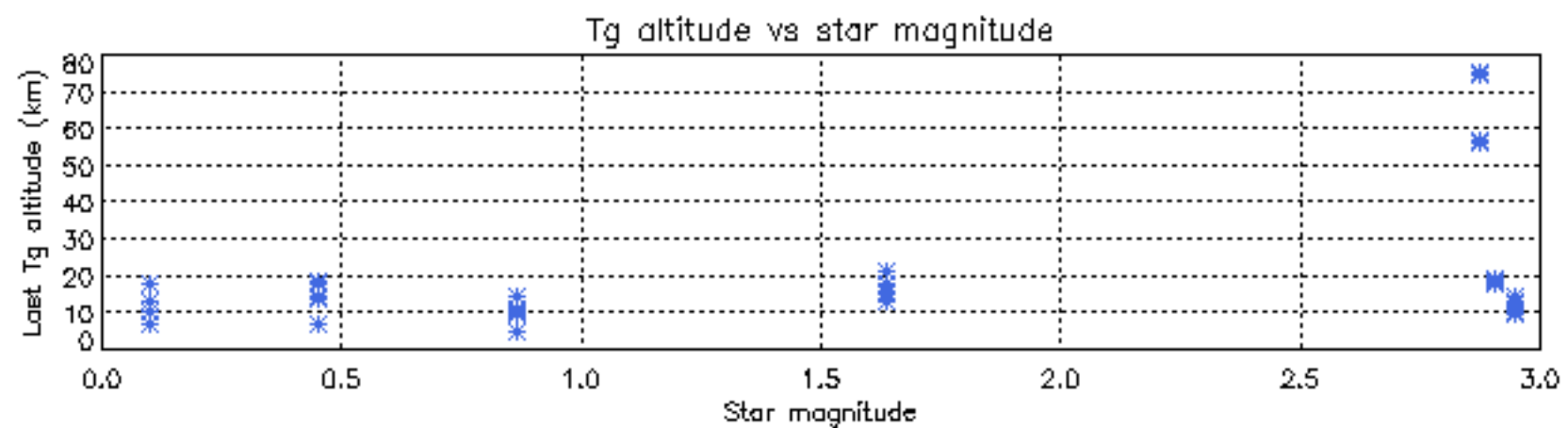
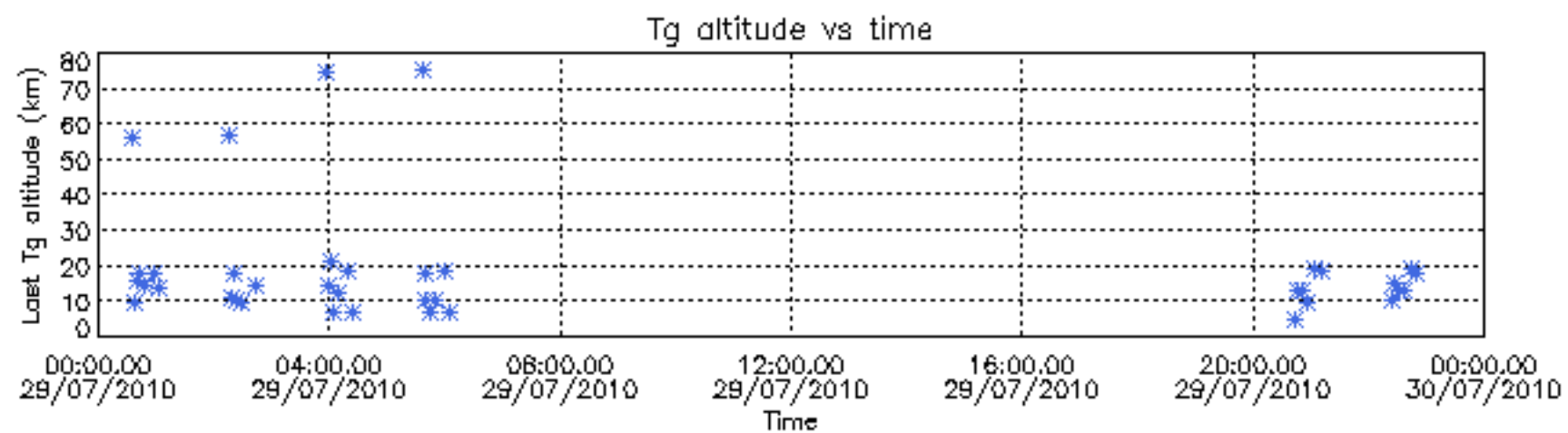
Percentage of star falling outside central band per profile



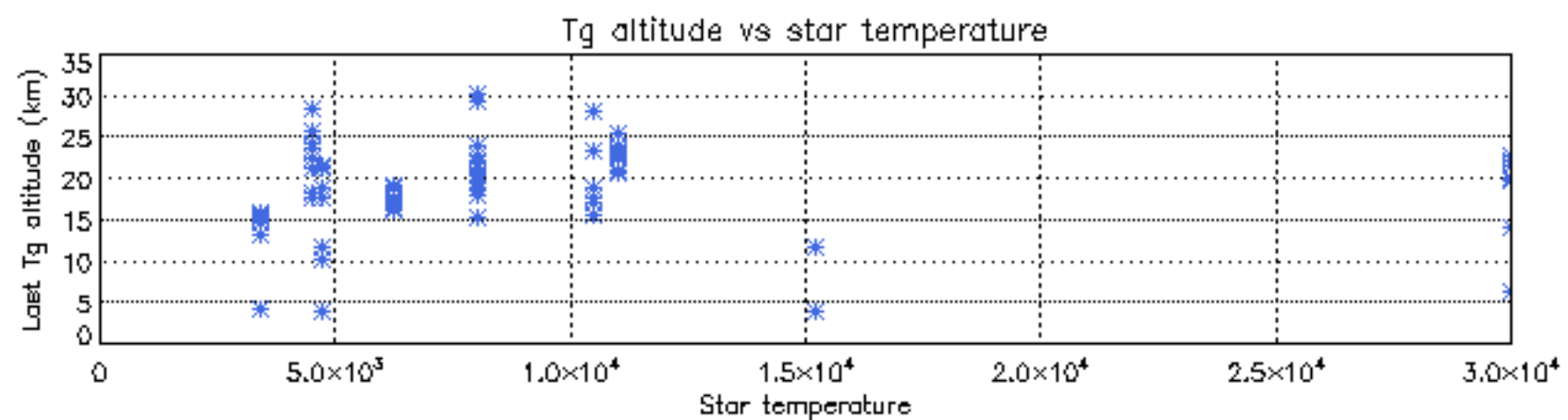
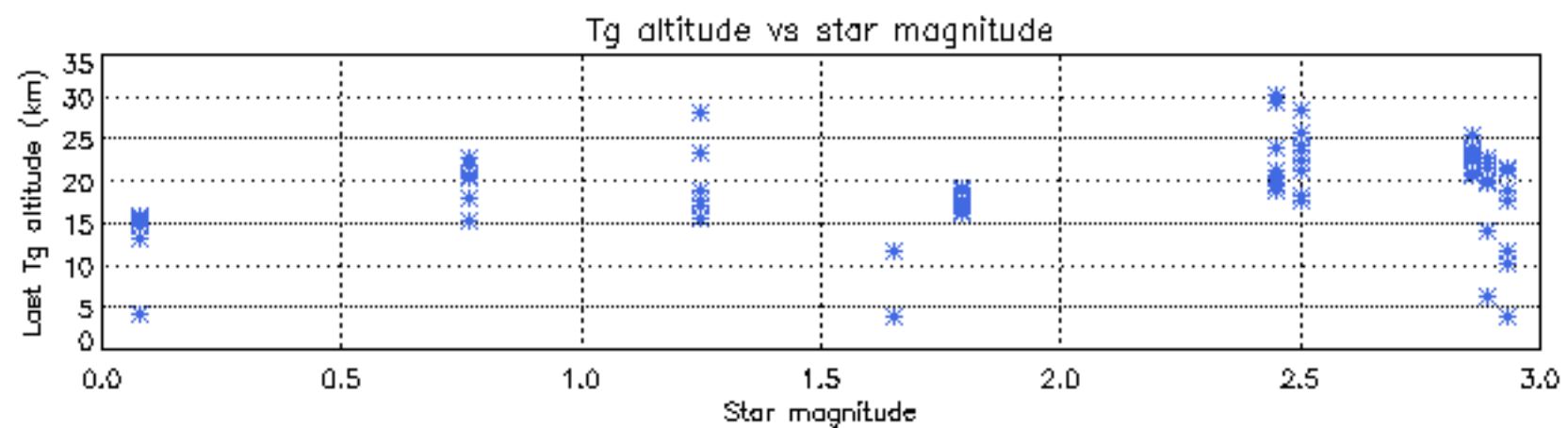
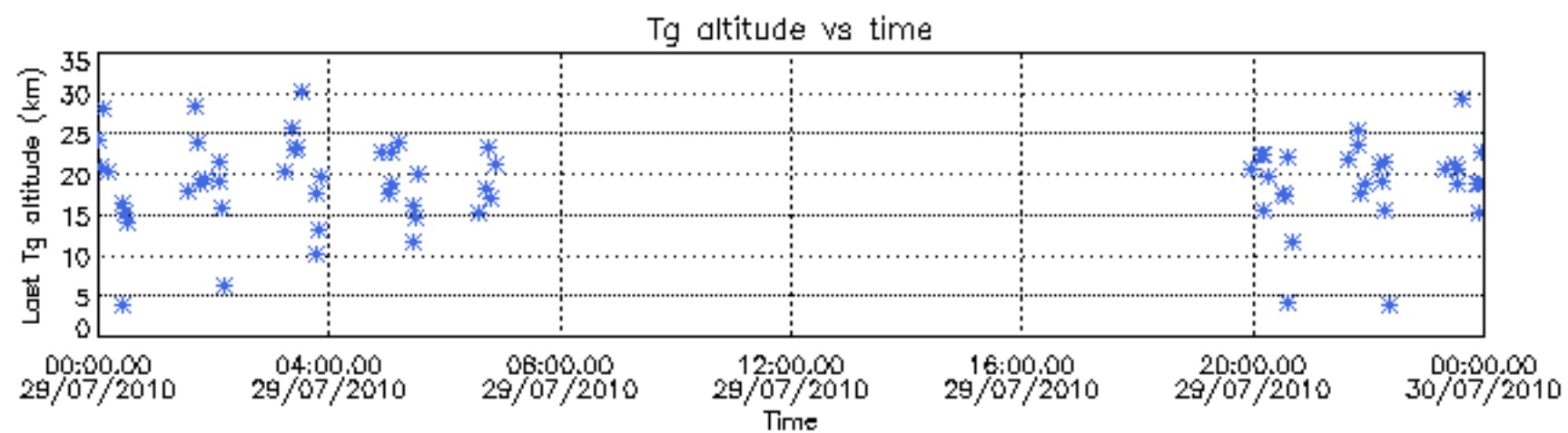
Percentage of saturation errors per profile

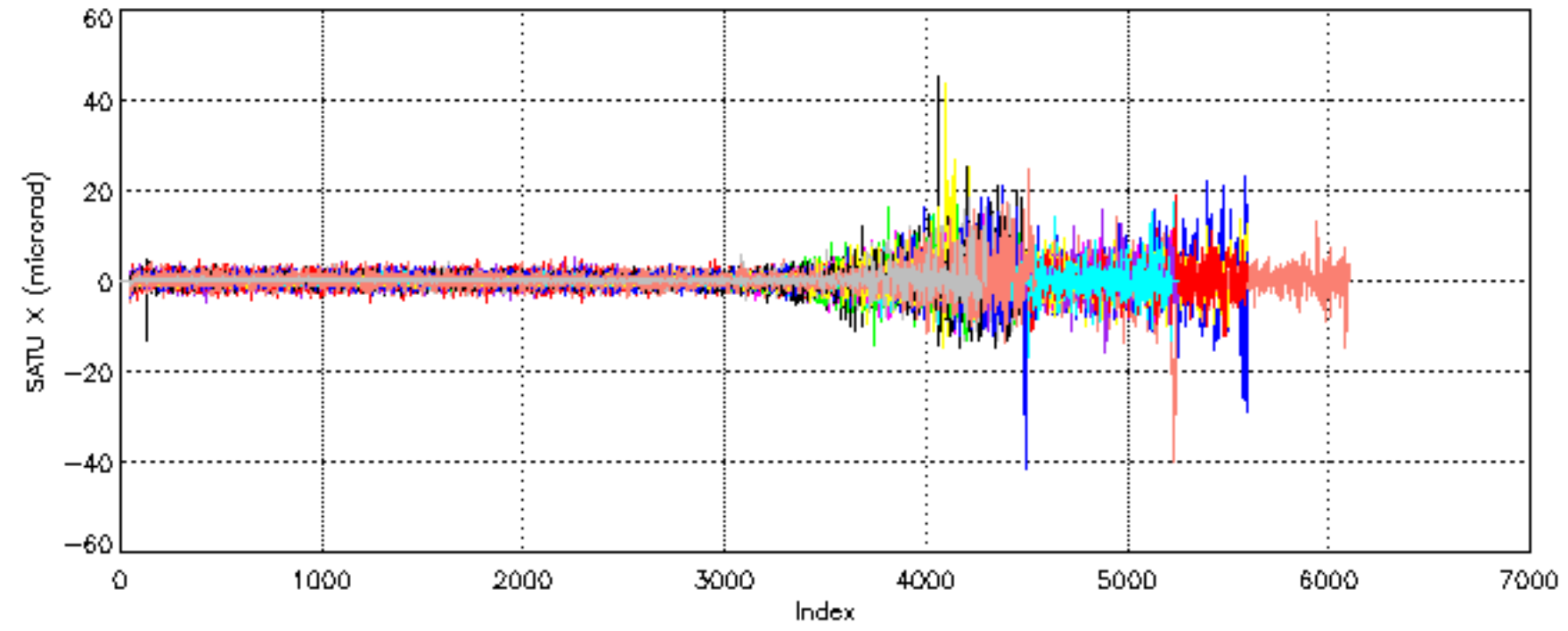


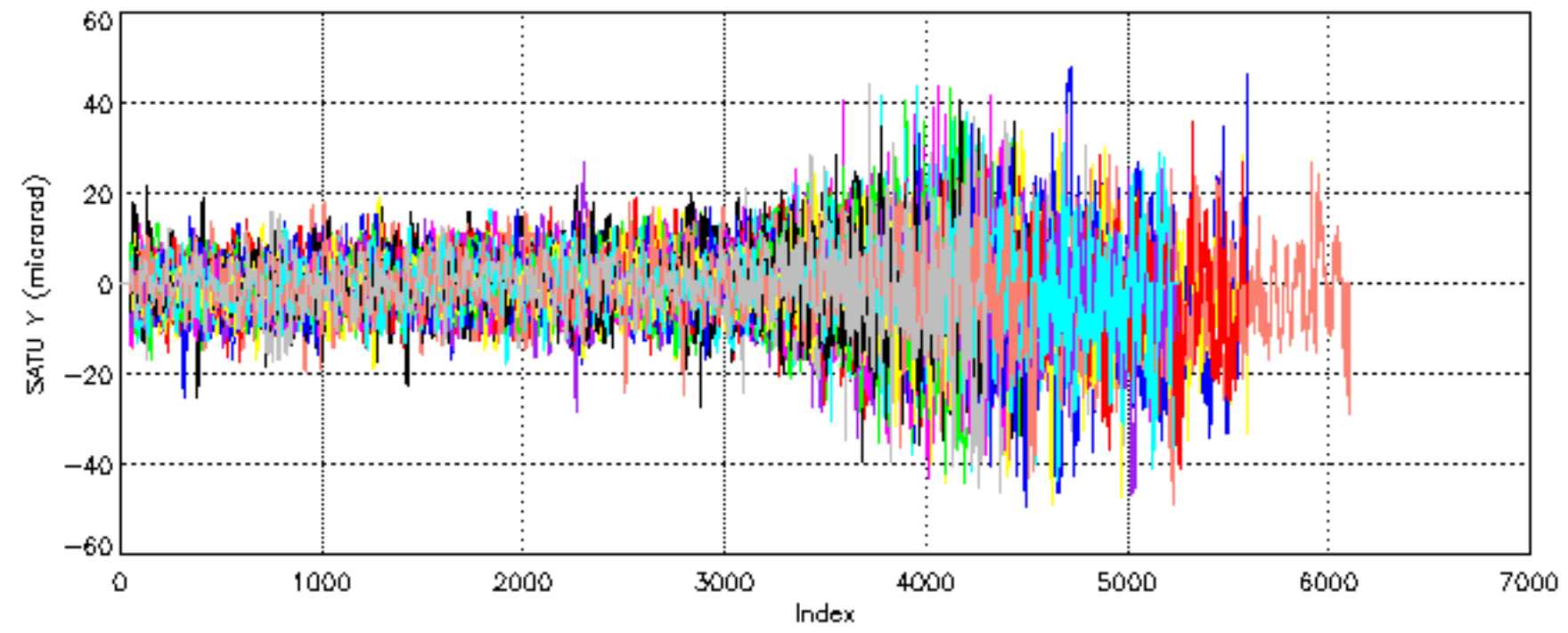
Tangent altitude at which the star is lost

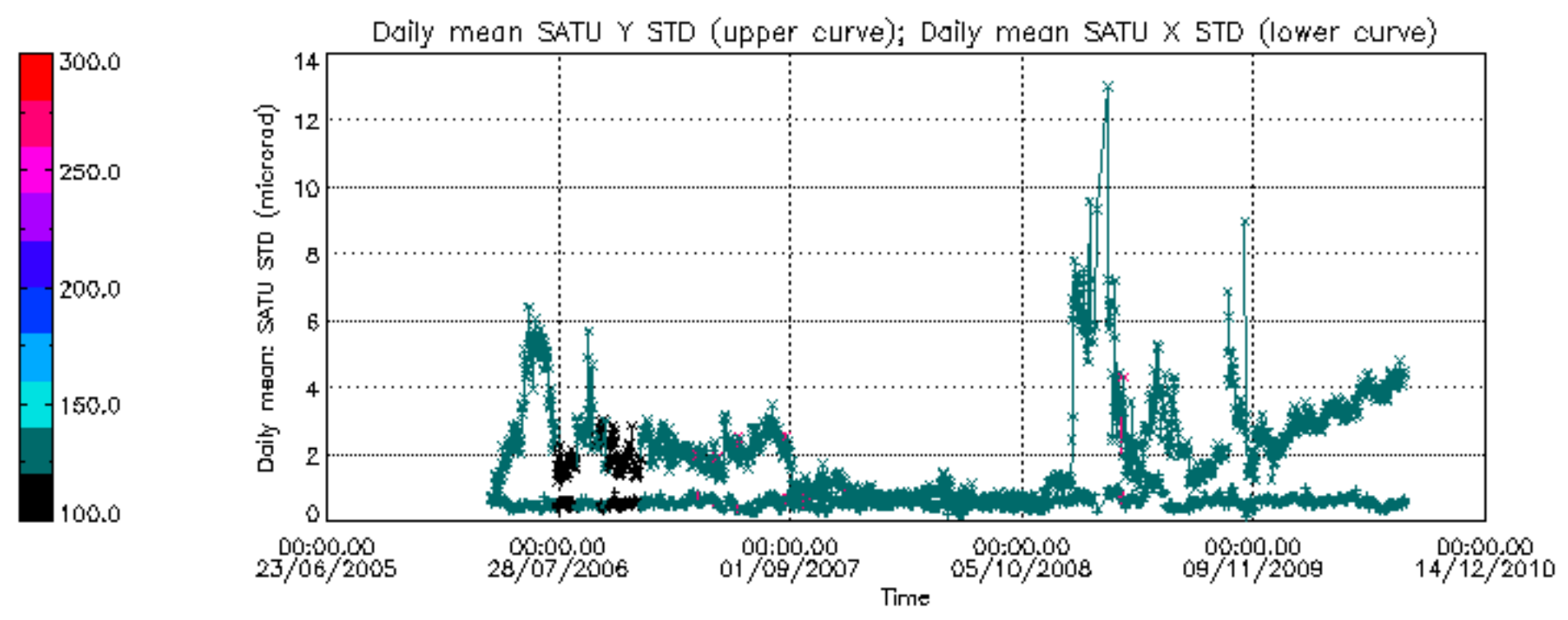


Tangent altitude at which the star is lost









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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

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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
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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
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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
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21; 7351.5; 01-JUL-2010 09:22:20; Dark ; 46.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 93; 0;43577
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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
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4; 496.2; 01-JUL-2010 22:33:28; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43585
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7; 2226.5; 01-JUL-2010 23:02:18; Bright; 50.0; 168; 17Zet Aql ; 2.99; 11000;occ; 100; 0;43585
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9; 2914.3; 01-JUL-2010 23:13:46; Bright; 50.0; 144; 18Del Cyg ; 2.86; 11000;occ; 100; 0;43585
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11; 3336.9; 01-JUL-2010 23:20:48; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;43585
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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
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16; 4419.4; 02-JUL-2010 01:19:27; Dark ; 74.0; 53; 43Bet And ; 2.05; 3300;occ; 148; 0;43586
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3; 2231.2; 01-JUL-2010 09:37:35; Bright; 46.0; 168; 17Zet Aql ; 2.99; 11000;occ; 92; 0;43577
4; 2650.9; 01-JUL-2010 09:44:35; Bright; 46.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 93; 0;43577
5; 2808.7; 01-JUL-2010 09:47:13; Bright; 39.5; 130; 23Bet Dra ; 2.80; 5800;occ; 79; 0;43577
6; 2920.9; 01-JUL-2010 09:49:05; Bright; 50.0; 144; 18Del Cyg ; 2.86; 11000;occ; 100; 0;43577
7; 3342.2; 01-JUL-2010 09:56:06; Bright; 48.5; 89; 5Alp Cep ; 2.45; 8000;occ; 97; 0;43577
8; 3783.8; 01-JUL-2010 10:03:28; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;43577
9; 3876.3; 01-JUL-2010 10:05:00; Bright; 62.0; 110; 37Del Cas ; 2.68; 8900;occ; 124; 0;43577
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13; 4424.7; 01-JUL-2010 10:14:09; Dark ; 49.0; 173; 4Bet Tri ; 3.00; 8900;occ; 98; 0;43577
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21; 7351.8; 01-JUL-2010 11:02:56; Dark ; 46.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 92; 0;43578
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3; 2230.3; 01-JUL-2010 11:18:10; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;43578
4; 2650.3; 01-JUL-2010 11:25:10; Bright; 45.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 90; 0;43578
5; 2808.6; 01-JUL-2010 11:27:48; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;43578
6; 2920.2; 01-JUL-2010 11:29:40; Bright; 49.5; 144; 18Del Cyg ; 2.86; 11000;occ; 99; 0;43578
7; 3783.3; 01-JUL-2010 11:44:03; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;43578
8; 3876.0; 01-JUL-2010 11:45:36; Bright; 51.5; 110; 37Del Cas ; 2.68; 8900;occ; 103; 0;43578
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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 4; 2918.4; 01-JUL-2010 14:50:50; Bright; 48.5; 144; 18Del Cyg ; 2.86; 11000;occ; 97; 0;43580
 5; 3137.9; 01-JUL-2010 14:54:29; Bright; 59.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 119; 0;43580
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12; 3335.4; 02-JUL-2010 02:41:58; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;43587
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 12; 1483.1; 02-JUL-2010 03:51:42; Bright; 46.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 92; 0;43588
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 9; 499.9; 02-JUL-2010 05:15:55; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;43589
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 11; 790.9; 02-JUL-2010 05:20:46; Dark ; 56.0; 172; Gam Gru ; 3.00; 13100;occ; 112; 0;43589
 12; 1483.4; 02-JUL-2010 05:32:18; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43589
 13; 2224.8; 02-JUL-2010 05:44:40; Bright; 49.0; 168; 17Zet Aql ; 2.99; 11000;occ; 98; 0;43589
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 15; 2911.1; 02-JUL-2010 05:56:06; Bright; 48.5; 144; 18Del Cyg ; 2.86; 11000;occ; 97; 0;43589
 16; 3126.3; 02-JUL-2010 05:59:41; Bright; 60.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 121; 0;43589
 17; 3334.2; 02-JUL-2010 06:03:09; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;43589

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 2; 2220.0; 02-JUL-2010 20:49:58; Bright; 46.5; 168; 17Zet Aql ; 2.99; 11000;occ; 93; 0;43598
 3; 2640.9; 02-JUL-2010 20:56:59; Bright; 39.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 79; 0;43598
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 3; 122.1; 02-JUL-2010 21:55:36; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;43599
 4; 509.5; 02-JUL-2010 22:02:04; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;43599
 5; 620.8; 02-JUL-2010 22:03:55; Dark ; 95.0; 18; 24Alp PsA ; 1.17; 9700;occ; 190; 0;43599
 6; 801.4; 02-JUL-2010 22:06:56; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43599
 7; 1485.3; 02-JUL-2010 22:18:20; Bright; 44.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 89; 0;43599
 8; 2219.6; 02-JUL-2010 22:30:34; Bright; 47.5; 168; 17Zet Aql ; 2.99; 11000;occ; 95; 0;43599
 9; 2640.5; 02-JUL-2010 22:37:35; Bright; 44.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 88; 0;43599
 10; 2902.2; 02-JUL-2010 22:41:57; Bright; 50.0; 144; 18Del Cyg ; 2.86; 11000;occ; 100; 0;43599
 11; 3113.9; 02-JUL-2010 22:45:28; Bright; 60.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 121; 0;43599
 12; 3327.7; 02-JUL-2010 22:49:02; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;43599
 13; 3772.1; 02-JUL-2010 22:56:26; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43599
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 3; 123.3; 02-JUL-2010 23:36:14; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;43600
 4; 510.5; 02-JUL-2010 23:42:41; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43600
 5; 622.6; 02-JUL-2010 23:44:33; Dark ; 77.5; 18; 24Alp PsA ; 1.17; 9700;occ; 155; 0;43600
 6; 802.4; 02-JUL-2010 23:47:33; Dark ; 57.0; 172; Gam Gru ; 3.00; 13100;occ; 114; 0;43600
 7; 1485.6; 02-JUL-2010 23:58:56; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43600
 8; 2219.0; 03-JUL-2010 00:11:09; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;43600


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10; 2901.4; 03-JUL-2010 00:22:32; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43600
11; 3112.7; 03-JUL-2010 00:26:03; Bright; 59.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 119; 0;43600
12; 3326.7; 03-JUL-2010 00:29:37; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;43600
13; 3771.5; 03-JUL-2010 00:37:02; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;43600
14; 3869.4; 03-JUL-2010 00:38:40; Bright; 63.0; 110; 37Del Cas ; 2.68; 8900;occ; 126; 0;43600
15; 4264.7; 03-JUL-2010 00:45:15; Bright; 66.0; 73; 57Gam1And ; 2.26; 13100;occ; 132; 0;43600
16; 4419.5; 03-JUL-2010 00:47:50; Dark ; 72.5; 53; 43Bet And ; 2.05; 3300;occ; 145; 0;43600
17; 4688.4; 03-JUL-2010 00:52:19; Dark ; 59.5; 50; 13Alp Ari ; 2.01; 4250;occ; 119; 0;43600
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4; -1616.4; 02-JUL-2010 06:21:15; Dark ; 77.0; 53; 43Bet And ; 2.05; 3300;occ; 154; 0;43589
5; -1351.6; 02-JUL-2010 06:25:39; Dark ; 60.0; 50; 13Alp Ari ; 2.01; 4250;occ; 120; 0;43589
6; -520.3; 02-JUL-2010 06:39:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43589
7; -144.3; 02-JUL-2010 06:45:47; Dark ; 85.0; 52; 16Bet Cet ; 2.04; 4500;occ; 170; 0;43589
8; 113.3; 02-JUL-2010 06:50:04; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43590
9; 501.0; 02-JUL-2010 06:56:32; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;43590
10; 605.1; 02-JUL-2010 06:58:16; Dark ; 78.0; 18; 24Alp PsA ; 1.17; 9700;occ; 156; 0;43590
11; 792.1; 02-JUL-2010 07:01:23; Dark ; 54.0; 172; Gam Gru ; 3.00; 13100;occ; 108; 0;43590
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2; 2644.8; 02-JUL-2010 07:32:16; Bright; 41.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 83; 0;43590
3; 2909.9; 02-JUL-2010 07:36:41; Bright; 48.0; 144; 18Del Cyg ; 2.86; 11000;occ; 96; 0;43590
4; 3125.1; 02-JUL-2010 07:40:16; Bright; 57.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 115; 0;43590
5; 3333.5; 02-JUL-2010 07:43:45; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;43590
6; 3777.0; 02-JUL-2010 07:51:08; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;43590
7; 3872.4; 02-JUL-2010 07:52:43; Bright; 43.0; 110; 37Del Cas ; 2.68; 8900;occ; 86; 0;43590
8; 4265.4; 02-JUL-2010 07:59:16; Bright; 54.5; 73; 57Gam1And ; 2.26; 13100;occ; 109; 0;43590
9; 4419.4; 02-JUL-2010 08:01:50; Dark ; 70.5; 53; 43Bet And ; 2.05; 3300;occ; 141; 0;43590
10; 4684.9; 02-JUL-2010 08:06:16; Dark ; 58.0; 50; 13Alp Ari ; 2.01; 4250;occ; 116; 0;43590
11; 5516.5; 02-JUL-2010 08:20:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43590
12; 5893.1; 02-JUL-2010 08:26:24; Dark ; 87.0; 52; 16Bet Cet ; 2.04; 4500;occ; 174; 0;43590
13; 6150.0; 02-JUL-2010 08:30:41; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;43591
14; 6538.1; 02-JUL-2010 08:37:09; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;43591
15; 6642.6; 02-JUL-2010 08:38:54; Dark ; 93.0; 18; 24Alp PsA ; 1.17; 9700;occ; 186; 0;43591
16; 6829.2; 02-JUL-2010 08:42:00; Dark ; 57.0; 172; Gam Gru ; 3.00; 13100;occ; 114; 0;43591
17; 7519.7; 02-JUL-2010 08:53:31; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43591
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2; 2644.4; 02-JUL-2010 09:12:51; Bright; 46.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 92; 0;43591
3; 2909.0; 02-JUL-2010 09:17:16; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43591
4; 3123.9; 02-JUL-2010 09:20:51; Bright; 60.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 121; 0;43591
5; 3333.0; 02-JUL-2010 09:24:20; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;43591
6; 3776.4; 02-JUL-2010 09:31:43; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;43591
7; 3872.3; 02-JUL-2010 09:33:19; Bright; 42.5; 110; 37Del Cas ; 2.68; 8900;occ; 85; 0;43591
8; 4265.3; 02-JUL-2010 09:39:52; Bright; 52.0; 73; 57Gam1And ; 2.26; 13100;occ; 104; 0;43591
9; 4419.7; 02-JUL-2010 09:42:27; Dark ; 76.5; 53; 43Bet And ; 2.05; 3300;occ; 153; 0;43591
10; 4685.3; 02-JUL-2010 09:46:52; Dark ; 62.0; 50; 13Alp Ari ; 2.01; 4250;occ; 124; 0;43591
11; 5517.4; 02-JUL-2010 10:00:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43591
12; 5895.1; 02-JUL-2010 10:07:02; Dark ; 72.0; 52; 16Bet Cet ; 2.04; 4500;occ; 144; 0;43591
13; 6151.0; 02-JUL-2010 10:11:18; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;43592
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15; 6644.6; 02-JUL-2010 10:19:31; Dark ; 82.0; 18; 24Alp PsA ; 1.17; 9700;occ; 164; 0;43592
16; 6830.0; 02-JUL-2010 10:22:37; Dark ; 56.0; 172; Gam Gru ; 3.00; 13100;occ; 112; 0;43592
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5; 3332.1; 02-JUL-2010 11:04:55; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;43592
6; 3776.1; 02-JUL-2010 11:12:19; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;43592
7; 3872.0; 02-JUL-2010 11:13:55; Bright; 62.0; 110; 37Del Cas ; 2.68; 8900;occ; 124; 0;43592
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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12; 5520.1; 02-JUL-2010 15:02:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43594
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3; 183.9; 06-JUL-2010 23:11:22; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43657
4; 564.2; 06-JUL-2010 23:17:42; Dark ; 61.5; 63; Bet Gru ; 2.15; 2800;occ; 123; 0;43657
5; 718.1; 06-JUL-2010 23:20:16; Dark ; 83.0; 18; 24Alp PsA ; 1.17; 9700;occ; 166; 0;43657
6; 858.4; 06-JUL-2010 23:22:37; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43657
7; 2194.4; 06-JUL-2010 23:44:53; Bright; 43.5; 168; 17Zet Aql ; 2.99; 11000;occ; 87; 0;43657
8; 2616.8; 06-JUL-2010 23:51:55; Bright; 40.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 80; 0;43657
9; 2857.0; 06-JUL-2010 23:55:55; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43657
10; 3046.3; 06-JUL-2010 23:59:05; Bright; 58.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 116; 0;43657
11; 3289.0; 07-JUL-2010 00:03:07; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;43657
12; 3739.2; 07-JUL-2010 00:10:37; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43657
13; 3850.6; 07-JUL-2010 00:12:29; Bright; 64.0; 110; 37Del Cas ; 2.68; 8900;occ; 128; 0;43657
14; 4259.4; 07-JUL-2010 00:19:18; Bright; 54.0; 73; 57Gam1And ; 2.26; 13100;occ; 108; 0;43657
15; 4418.4; 07-JUL-2010 00:21:57; Dark ; 76.0; 53; 43Bet And ; 2.05; 3300;occ; 152; 0;43657
16; 4710.0; 07-JUL-2010 00:26:48; Dark ; 61.0; 50; 13Alp Ari ; 2.01; 4250;occ; 122; 0;43657
17; 5016.1; 07-JUL-2010 00:31:54; Dark ; 53.5; 94; 92Alp Cet ; 2.53; 3100;occ; 107; 0;43657

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1; -453.6; 07-JUL-2010 00:41:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43657
2; -4.4; 07-JUL-2010 00:48:50; Dark ; 76.0; 52; 16Bet Cet ; 2.04; 4500;occ; 152; 0;43657
3; 185.2; 07-JUL-2010 00:51:59; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;43658
4; 565.1; 07-JUL-2010 00:58:19; Dark ; 63.5; 63; Bet Gru ; 2.15; 2800;occ; 127; 0;43658
5; 719.8; 07-JUL-2010 01:00:54; Dark ; 80.5; 18; 24Alp PsA ; 1.17; 9700;occ; 161; 0;43658
6; 859.4; 07-JUL-2010 01:03:14; Dark ; 54.0; 172; Gam Gru ; 3.00; 13100;occ; 108; 0;43658
7; 2193.7; 07-JUL-2010 01:25:28; Bright; 44.0; 168; 17Zet Aql ; 2.99; 11000;occ; 88; 0;43658
8; 2616.5; 07-JUL-2010 01:32:31; Bright; 41.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 82; 0;43658
9; 2856.6; 07-JUL-2010 01:36:31; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43658
10; 3045.6; 07-JUL-2010 01:39:40; Bright; 81.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 162; 0;43658
11; 3288.6; 07-JUL-2010 01:43:43; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;43658
12; 3738.8; 07-JUL-2010 01:51:13; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43658
13; 3850.2; 07-JUL-2010 01:53:04; Bright; 45.0; 110; 37Del Cas ; 2.68; 8900;occ; 90; 0;43658
14; 4259.3; 07-JUL-2010 01:59:53; Bright; 52.0; 73; 57Gam1And ; 2.26; 13100;occ; 104; 0;43658
15; 4418.8; 07-JUL-2010 02:02:33; Dark ; 77.0; 53; 43Bet And ; 2.05; 3300;occ; 154; 0;43658
16; 4710.9; 07-JUL-2010 02:07:25; Dark ; 66.5; 50; 13Alp Ari ; 2.01; 4250;occ; 133; 0;43658
17; 5017.2; 07-JUL-2010 02:12:31; Dark ; 55.0; 94; 92Alp Cet ; 2.53; 3100;occ; 110; 0;43658

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2; -2.0; 07-JUL-2010 02:29:28; Dark ; 71.0; 52; 16Bet Cet ; 2.04; 4500;occ; 142; 0;43658
3; 186.6; 07-JUL-2010 02:32:37; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;43659
4; 566.1; 07-JUL-2010 02:38:56; Dark ; 65.5; 63; Bet Gru ; 2.15; 2800;occ; 131; 0;43659
5; 721.8; 07-JUL-2010 02:41:32; Dark ; 83.0; 18; 24Alp PsA ; 1.17; 9700;occ; 166; 0;43659
6; 860.6; 07-JUL-2010 02:43:51; Dark ; 54.5; 172; Gam Gru ; 3.00; 13100;occ; 109; 0;43659
7; 2616.4; 07-JUL-2010 03:13:06; Bright; 38.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 76; 0;43659
8; 2855.7; 07-JUL-2010 03:17:06; Bright; 46.5; 144; 18Del Cyg ; 2.86; 11000;occ; 93; 0;43659
9; 3044.4; 07-JUL-2010 03:20:14; Bright; 51.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 102; 0;43659
10; 3288.0; 07-JUL-2010 03:24:18; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;43659

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100707_033148_000056302091_00018_43659_0393.N1

1; -2297.7; 07-JUL-2010 03:31:48; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;43659
2; -2185.9; 07-JUL-2010 03:33:40; Bright; 42.5; 110; 37Del Cas ; 2.68; 8900;occ; 85; 0;43659


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3;-1776.4; 07-JUL-2010 03:40:30; Bright; 51.5; 73; 57Gam1And ; 2.26; 13100;occ; 103; 0;43659
4;-1617.2; 07-JUL-2010 03:43:09; Dark ; 77.0; 53; 43Bet And ; 2.05; 3300;occ; 154; 0;43659
5;-1324.7; 07-JUL-2010 03:48:01; Dark ; 64.0; 50; 13Alp Ari ; 2.01; 4250;occ; 128; 0;43659
6;-1018.5; 07-JUL-2010 03:53:08; Dark ; 52.5; 94; 92Alp Cet ; 2.53; 3100;occ; 105; 0;43659
7; -451.5; 07-JUL-2010 04:02:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43659
8; 0.5; 07-JUL-2010 04:10:06; Dark ; 71.0; 52; 16Bet Cet ; 2.04; 4500;occ; 142; 0;43659
9; 187.6; 07-JUL-2010 04:13:14; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;43660
10; 567.3; 07-JUL-2010 04:19:33; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43660
11; 723.1; 07-JUL-2010 04:22:09; Dark ; 82.5; 18; 24Alp PsA ; 1.17; 9700;occ; 165; 0;43660
12; 861.3; 07-JUL-2010 04:24:27; Dark ; 56.0; 172; Gam Gru ; 3.00; 13100;occ; 112; 0;43660
13; 2192.8; 07-JUL-2010 04:46:39; Bright; 44.5; 168; 17Zet Aql ; 2.99; 11000;occ; 89; 0;43660
14; 2616.1; 07-JUL-2010 04:53:42; Bright; 43.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 86; 0;43660
15; 2855.0; 07-JUL-2010 04:57:41; Bright; 47.5; 144; 18Del Cyg ; 2.86; 11000;occ; 95; 0;43660
16; 3043.1; 07-JUL-2010 05:00:49; Bright; 55.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 111; 0;43660
17; 3287.6; 07-JUL-2010 05:04:54; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;43660
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1;-2298.4; 07-JUL-2010 05:12:24; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43660
2;-2186.3; 07-JUL-2010 05:14:16; Bright; 44.5; 110; 37Del Cas ; 2.68; 8900;occ; 89; 0;43660
3;-1776.7; 07-JUL-2010 05:21:05; Bright; 55.0; 73; 57Gam1And ; 2.26; 13100;occ; 110; 0;43660
4;-1617.2; 07-JUL-2010 05:23:45; Dark ; 71.0; 53; 43Bet And ; 2.05; 3300;occ; 142; 0;43660
5;-1324.5; 07-JUL-2010 05:28:38; Dark ; 71.0; 50; 13Alp Ari ; 2.01; 4250;occ; 142; 0;43660
6;-1017.7; 07-JUL-2010 05:33:44; Dark ; 52.0; 94; 92Alp Cet ; 2.53; 3100;occ; 104; 0;43660
7; -450.5; 07-JUL-2010 05:43:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43660
8; 2.4; 07-JUL-2010 05:50:44; Dark ; 66.0; 52; 16Bet Cet ; 2.04; 4500;occ; 132; 0;43660
9; 188.8; 07-JUL-2010 05:53:51; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;43661
10; 568.1; 07-JUL-2010 06:00:10; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;43661
11; 724.8; 07-JUL-2010 06:02:47; Dark ; 83.0; 18; 24Alp PsA ; 1.17; 9700;occ; 166; 0;43661
12; 862.3; 07-JUL-2010 06:05:04; Dark ; 54.0; 172; Gam Gru ; 3.00; 13100;occ; 108; 0;43661
13; 2193.0; 07-JUL-2010 06:27:15; Bright; 44.5; 168; 17Zet Aql ; 2.99; 11000;occ; 89; 0;43661
14; 2619.9; 07-JUL-2010 06:34:22; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;43661
15; 2854.5; 07-JUL-2010 06:38:17; Bright; 46.0; 144; 18Del Cyg ; 2.86; 11000;occ; 92; 0;43661
16; 3041.8; 07-JUL-2010 06:41:24; Bright; 57.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 115; 0;43661
17; 3287.1; 07-JUL-2010 06:45:29; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;43661
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1; 2189.6; 07-JUL-2010 21:32:35; Bright; 43.5; 168; 17Zet Aql ; 2.99; 11000;occ; 87; 0;43670
2; 2848.1; 07-JUL-2010 21:43:34; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43670
3; 3032.2; 07-JUL-2010 21:46:38; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;43670
4; 3281.1; 07-JUL-2010 21:50:47; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;43670
5; 3731.7; 07-JUL-2010 21:58:17; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;43670
6; 3846.0; 07-JUL-2010 22:00:12; Bright; 43.0; 110; 37Del Cas ; 2.68; 8900;occ; 86; 0;43670
7; 4258.0; 07-JUL-2010 22:07:04; Bright; 57.5; 73; 57Gam1And ; 2.26; 13100;occ; 115; 0;43670
8; 4418.6; 07-JUL-2010 22:09:44; Dark ; 43.0; 53; 43Bet And ; 2.05; 3300;occ; 86; 0;43670
9; 4715.8; 07-JUL-2010 22:14:41; Dark ; 63.5; 50; 13Alp Ari ; 2.01; 4250;occ; 127; 0;43670
10; 5023.3; 07-JUL-2010 22:19:49; Dark ; 54.5; 94; 92Alp Cet ; 2.53; 3100;occ; 109; 0;43670
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1; -439.3; 07-JUL-2010 22:29:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43670
2; 25.7; 07-JUL-2010 22:37:07; Dark ; 41.0; 52; 16Bet Cet ; 2.04; 4500;occ; 82; 0;43671
3; 199.3; 07-JUL-2010 22:40:01; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;43671
4; 577.2; 07-JUL-2010 22:46:19; Dark ; 63.0; 63; Bet Gru ; 2.15; 2800;occ; 126; 0;43671
5; 741.1; 07-JUL-2010 22:49:02; Dark ; 82.0; 18; 24Alp PsA ; 1.17; 9700;occ; 164; 0;43671
6; 871.8; 07-JUL-2010 22:51:13; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43671
7; 2189.4; 07-JUL-2010 23:13:11; Bright; 42.0; 168; 17Zet Aql ; 2.99; 11000;occ; 84; 0;43671
8; 2847.5; 07-JUL-2010 23:24:09; Bright; 47.0; 144; 18Del Cyg ; 2.86; 11000;occ; 94; 0;43671
9; 3031.3; 07-JUL-2010 23:27:13; Bright; 55.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 110; 0;43671
10; 3280.2; 07-JUL-2010 23:31:22; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;43671
11; 3731.1; 07-JUL-2010 23:38:53; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;43671
12; 3845.8; 07-JUL-2010 23:40:47; Bright; 43.0; 110; 37Del Cas ; 2.68; 8900;occ; 86; 0;43671
13; 4257.8; 07-JUL-2010 23:47:39; Bright; 57.0; 73; 57Gam1And ; 2.26; 13100;occ; 114; 0;43671
14; 4418.8; 07-JUL-2010 23:50:20; Dark ; 43.0; 53; 43Bet And ; 2.05; 3300;occ; 86; 0;43671
15; 4715.9; 07-JUL-2010 23:55:17; Dark ; 67.5; 50; 13Alp Ari ; 2.01; 4250;occ; 135; 0;43671
16; 5023.9; 08-JUL-2010 00:00:25; Dark ; 54.5; 94; 92Alp Cet ; 2.53; 3100;occ; 109; 0;43671
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1; -438.3; 08-JUL-2010 00:09:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43671
2; 27.9; 08-JUL-2010 00:17:45; Dark ; 41.0; 52; 16Bet Cet ; 2.04; 4500;occ; 82; 0;43672
3; 200.8; 08-JUL-2010 00:20:38; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;43672
4; 578.0; 08-JUL-2010 00:26:55; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43672
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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8; 2846.6; 08-JUL-2010 01:04:44; Bright; 44.5; 144; 18Del Cyg ; 2.86; 11000;occ; 89; 0;43672
9; 3030.1; 08-JUL-2010 01:07:47; Bright; 55.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 110; 0;43672
10; 3279.4; 08-JUL-2010 01:11:57; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;43672
11; 3730.8; 08-JUL-2010 01:19:28; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;43672
12; 3845.4; 08-JUL-2010 01:21:23; Bright; 42.0; 110; 37Del Cas ; 2.68; 8900;occ; 84; 0;43672
13; 4257.9; 08-JUL-2010 01:28:15; Bright; 52.5; 73; 57Gam1And ; 2.26; 13100;occ; 105; 0;43672
14; 4418.4; 08-JUL-2010 01:30:56; Dark ; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;43672
15; 4716.8; 08-JUL-2010 01:35:54; Dark ; 64.0; 50; 13Alp Ari ; 2.01; 4250;occ; 128; 0;43672
16; 5024.5; 08-JUL-2010 01:41:02; Dark ; 57.0; 94; 92Alp Cet ; 2.53; 3100;occ; 114; 0;43672
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2; 30.2; 08-JUL-2010 01:58:23; Dark ; 36.0; 52; 16Bet Cet ; 2.04; 4500;occ; 72; 0;43673
3; 201.8; 08-JUL-2010 02:01:15; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;43673
4; 578.9; 08-JUL-2010 02:07:32; Dark ; 64.0; 63; Bet Gru ; 2.15; 2800;occ; 128; 0;43673
5; 744.3; 08-JUL-2010 02:10:17; Dark ; 79.0; 18; 24Alp PsA ; 1.17; 9700;occ; 158; 0;43673
6; 873.7; 08-JUL-2010 02:12:27; Dark ; 54.5; 172; Gam Gru ; 3.00; 13100;occ; 109; 0;43673
7; 2188.6; 08-JUL-2010 02:34:22; Bright; 44.5; 168; 17Zet Aql ; 2.99; 11000;occ; 89; 0;43673
8; 2846.2; 08-JUL-2010 02:45:19; Bright; 42.5; 144; 18Del Cyg ; 2.86; 11000;occ; 85; 0;43673
9; 3029.0; 08-JUL-2010 02:48:22; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;43673
10; 3279.0; 08-JUL-2010 02:52:32; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;43673
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2; -2190.8; 08-JUL-2010 03:01:58; Bright; 44.0; 110; 37Del Cas ; 2.68; 8900;occ; 88; 0;43673
3; -1778.0; 08-JUL-2010 03:08:51; Bright; 56.5; 73; 57Gam1And ; 2.26; 13100;occ; 113; 0;43673
4; -1617.6; 08-JUL-2010 03:11:32; Dark ; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;43673
5; -1318.9; 08-JUL-2010 03:16:30; Dark ; 66.0; 50; 13Alp Ari ; 2.01; 4250;occ; 132; 0;43673
6; -1010.8; 08-JUL-2010 03:21:38; Dark ; 45.5; 94; 92Alp Cet ; 2.53; 3100;occ; 91; 0;43673
7; -436.0; 08-JUL-2010 03:31:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43673
8; 32.5; 08-JUL-2010 03:39:02; Dark ; 36.0; 52; 16Bet Cet ; 2.04; 4500;occ; 72; 0;43674
9; 203.1; 08-JUL-2010 03:41:52; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;43674
10; 580.0; 08-JUL-2010 03:48:09; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43674
11; 745.9; 08-JUL-2010 03:50:55; Dark ; 81.0; 18; 24Alp PsA ; 1.17; 9700;occ; 162; 0;43674
12; 874.4; 08-JUL-2010 03:53:04; Dark ; 56.0; 172; Gam Gru ; 3.00; 13100;occ; 112; 0;43674
13; 2188.4; 08-JUL-2010 04:14:57; Bright; 43.5; 168; 17Zet Aql ; 2.99; 11000;occ; 87; 0;43674
14; 2845.4; 08-JUL-2010 04:25:55; Bright; 45.5; 144; 18Del Cyg ; 2.86; 11000;occ; 91; 0;43674
15; 3027.9; 08-JUL-2010 04:28:57; Bright; 56.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 113; 0;43674
16; 3278.3; 08-JUL-2010 04:33:07; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;43674
17; 3729.4; 08-JUL-2010 04:40:38; Bright; 1.5; 74; 11Bet Cas ; 2.27; 6600;occ; 3; 0;43674
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1; -2306.7; 08-JUL-2010 04:40:38; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43674
2; -2191.2; 08-JUL-2010 04:42:34; Bright; 46.0; 110; 37Del Cas ; 2.68; 8900;occ; 92; 0;43674
3; -1778.2; 08-JUL-2010 04:49:27; Bright; 54.5; 73; 57Gam1And ; 2.26; 13100;occ; 109; 0;43674
4; -1617.5; 08-JUL-2010 04:52:08; Dark ; 31.0; 53; 43Bet And ; 2.05; 3300;occ; 62; 0;43674
5; -1318.3; 08-JUL-2010 04:57:07; Dark ; 63.0; 50; 13Alp Ari ; 2.01; 4250;occ; 126; 0;43674
6; -1010.4; 08-JUL-2010 05:02:15; Dark ; 44.5; 94; 92Alp Cet ; 2.53; 3100;occ; 89; 0;43674
7; -434.9; 08-JUL-2010 05:11:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43674
8; 34.9; 08-JUL-2010 05:19:40; Dark ; 31.0; 52; 16Bet Cet ; 2.04; 4500;occ; 62; 0;43675
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9; 4315.9; 30-JUL-2010 21:45:04; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;43999
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6; 909.0; 30-JUL-2010 22:28:53; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;44000
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9; 2589.9; 30-JUL-2010 22:56:54; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44000
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