

GOMOS Daily Report 23-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	27JUL2010 04:57:42
Data source version	GOMOS/5.01
Start time of products	23JUL2010 00:07:57
Stop time of products	23JUL2010 23:52:59
Store outputs in DB	Yes
Nb of level 1b prods	113
Nb of prods with errors	0

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

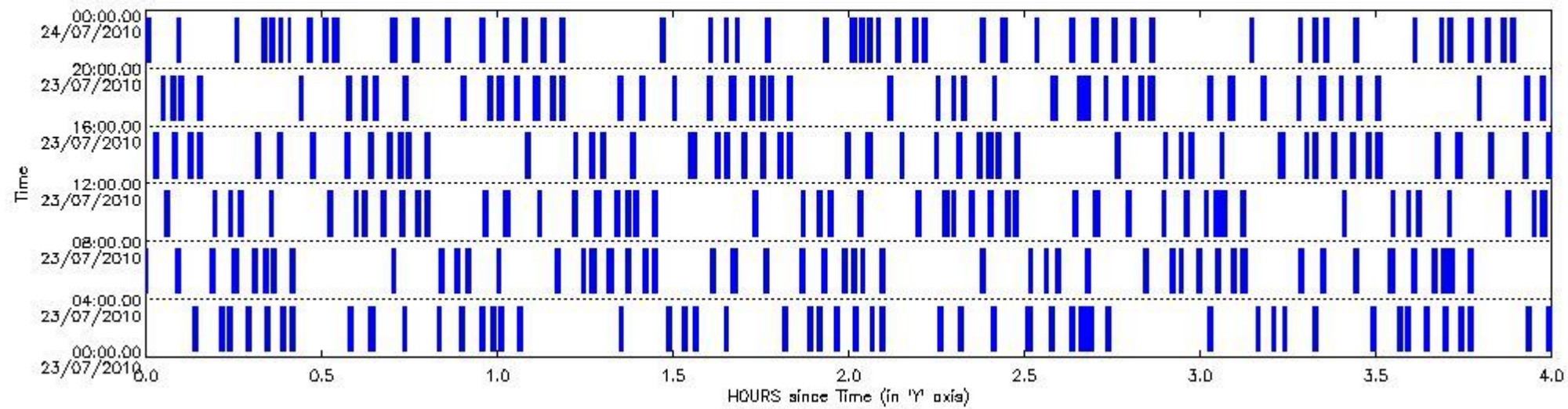
2.1 Level 0 products arrived in PCF (see template [here](#))

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)

No missing products.

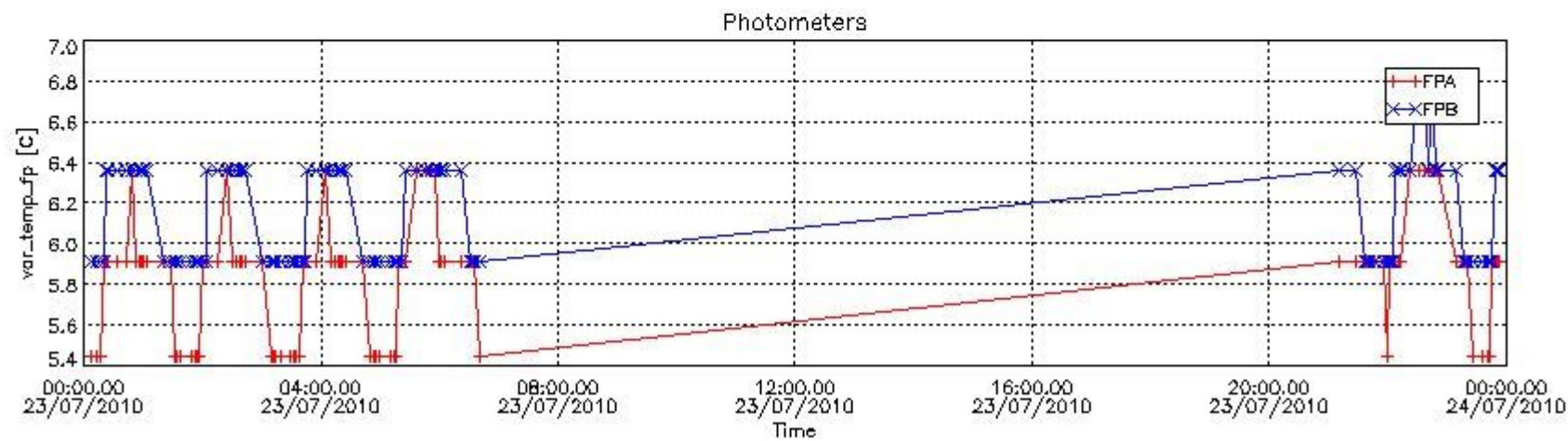
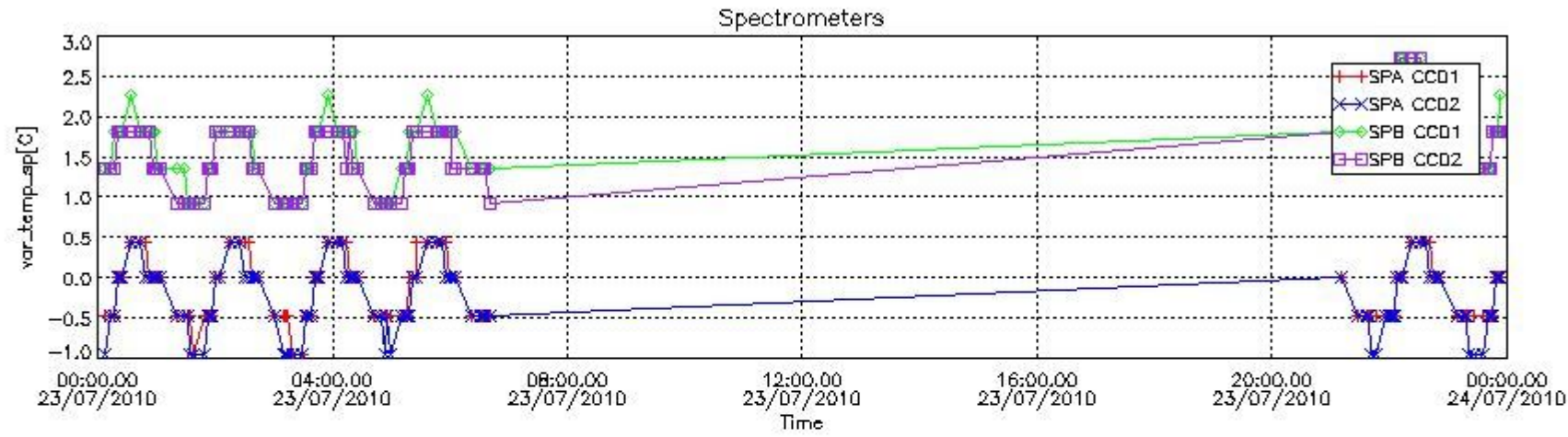
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100723_000757_000000462091_00245_43886_8844.N1	23-JUL-2010 00:07:57	Bright	46.000	110	37Del Cas	2.6780	8900.0	92	43886	No
2	GOM_TRA_1PNPDE20100723_001226_000000462091_00245_43886_8845.N1	23-JUL-2010 00:12:26	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	43886	No
3	GOM_TRA_1PNPDE20100723_001355_000000452091_00245_43886_8846.N1	23-JUL-2010 00:13:55	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43886	No
4	GOM_TRA_1PNPDE20100723_001659_000000512091_00245_43886_8847.N1	23-JUL-2010 00:16:59	Bright	51.000	79	26Bet Per	2.3100	13100.	102	43886	No
5	GOM_TRA_1PNPDE20100723_002010_000000502091_00245_43886_8848.N1	23-JUL-2010 00:20:10	Twilight	49.500	150	44Zet Per	2.8900	28000.	99	43886	No
6	GOM_TRA_1PNPDE20100723_002257_000000472091_00245_43886_8849.N1	23-JUL-2010 00:22:57	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	43886	No
7	GOM_TRA_1PNPDE20100723_002432_000000542091_00245_43886_8850.N1	23-JUL-2010 00:24:32	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	43886	No
8	GOM_TRA_1PNPDE20100723_003428_000000492091_00245_43886_8860.N1	23-JUL-2010 00:34:28	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	43886	No
9	GOM_TRA_1PNPDE20100723_004342_000000442091_00245_43886_8861.N1	23-JUL-2010 00:43:42	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43886	No
10	GOM_TRA_1PNPDE20100723_004941_000000412091_00246_43887_8862.N1	23-JUL-2010 00:49:41	Dark	41.000	9	Alp Eri	0.45300	24000.	82	43887	No
11	GOM_TRA_1PNPDE20100723_005329_000000532091_00246_43887_8863.N1	23-JUL-2010 00:53:29	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	43887	No
12	GOM_TRA_1PNPDE20100723_005700_000000422091_00246_43887_8864.N1	23-JUL-2010 00:57:00	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43887	No

13	GOM_TRA_1PNPDE20100723_005841_000000642091_00246_43887_8865.N1	23-JUL-2010 00:58:41	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	43887	No
14	GOM_TRA_1PNPDE20100723_010006_000000522091_00246_43887_8866.N1	23-JUL-2010 01:00:06	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	43887	No
15	GOM_TRA_1PNPDE20100723_010319_000000492091_00246_43887_8867.N1	23-JUL-2010 01:03:19	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43887	No
16	GOM_TRA_1PNPDE20100723_012040_000000452091_00246_43887_8868.N1	23-JUL-2010 01:20:40	Bright	44.500	11	53Alp Aql	0.76500	8000.0	89	43887	No
17	GOM_TRA_1PNPDE20100723_012853_000000392091_00246_43887_8869.N1	23-JUL-2010 01:28:53	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	43887	No
18	GOM_TRA_1PNPDE20100723_013136_000000412091_00246_43887_8870.N1	23-JUL-2010 01:31:36	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43887	No
19	GOM_TRA_1PNPDE20100723_013325_000000462091_00246_43887_8871.N1	23-JUL-2010 01:33:25	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	43887	No
20	GOM_TRA_1PNPDE20100723_013837_000000442091_00246_43887_8872.N1	23-JUL-2010 01:38:37	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43887	No
21	GOM_TRA_1PNPDE20100723_014833_000000492091_00246_43887_8873.N1	23-JUL-2010 01:48:33	Bright	48.500	110	37Del Cas	2.6780	8900.0	97	43887	No
22	GOM_TRA_1PNPDE20100723_015302_000000462091_00246_43887_8874.N1	23-JUL-2010 01:53:02	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	43887	No
23	GOM_TRA_1PNPDE20100723_015430_000000452091_00246_43887_8875.N1	23-JUL-2010 01:54:30	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43887	No
24	GOM_TRA_1PNPDE20100723_015734_000000522091_00246_43887_8876.N1	23-JUL-2010 01:57:34	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43887	No
25	GOM_TRA_1PNPDE20100723_020046_000000472091_00246_43887_8877.N1	23-JUL-2010 02:00:46	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	43887	No
26	GOM_TRA_1PNPDE20100723_020333_000000472091_00246_43887_8878.N1	23-JUL-2010 02:03:33	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	43887	No
27	GOM_TRA_1PNPDE20100723_020508_000000522091_00246_43887_8879.N1	23-JUL-2010 02:05:08	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	43887	No
28	GOM_TRA_1PNPDE20100723_021505_000000492091_00246_43887_8877.N1	23-JUL-2010 02:15:05	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	43887	No
29	GOM_TRA_1PNPDE20100723_022419_000000432091_00246_43887_8878.N1	23-JUL-2010 02:24:19	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43887	No
30	GOM_TRA_1PNPDE20100723_023017_000000532091_00247_43888_8879.N1	23-JUL-2010 02:30:17	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43888	No
31	GOM_TRA_1PNPDE20100723_023406_000000532091_00247_43888_8880.N1	23-JUL-2010 02:34:06	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	43888	No
32	GOM_TRA_1PNPDE20100723_023736_000000462091_00247_43888_8881.N1	23-JUL-2010 02:37:36	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	43888	No
33	GOM_TRA_1PNPDE20100723_023918_000000652091_00247_43888_8882.N1	23-JUL-2010 02:39:18	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	43888	No
34	GOM_TRA_1PNPDE20100723_024043_000000542091_00247_43888_8883.N1	23-JUL-2010 02:40:43	Straylight	53.500	31	Alp Gru	1.7340	15200.	107	43888	No
35	GOM_TRA_1PNPDE20100723_024356_000000502091_00247_43888_8884.N1	23-JUL-2010 02:43:56	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43888	No
36	GOM_TRA_1PNPDE20100723_030116_000000412091_00247_43888_8885.N1	23-JUL-2010 03:01:16	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43888	No
37	GOM_TRA_1PNPDE20100723_030929_000000372091_00247_43888_8886.N1	23-JUL-2010 03:09:29	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	43888	No
38	GOM_TRA_1PNPDE20100723_031212_000000392091_00247_43888_8887.N1	23-JUL-2010 03:12:12	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43888	No
39	GOM_TRA_1PNPDE20100723_031400_000000432091_00247_43888_8888.N1	23-JUL-2010 03:14:00	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	43888	No
40	GOM_TRA_1PNPDE20100723_031912_000000442091_00247_43888_8889.N1	23-JUL-2010 03:19:12	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43888	No
41	GOM_TRA_1PNPDE20100723_032908_000000472091_00247_43888_8912.N1	23-JUL-2010 03:29:08	Bright	47.000	110	37Del Cas	2.6780	8900.0	94	43888	No
42	GOM_TRA_1PNPDE20100723_033338_000000442091_00247_43888_8913.N1	23-JUL-2010 03:33:38	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43888	No
43	GOM_TRA_1PNPDE20100723_033506_000000452091_00247_43888_8914.N1	23-JUL-2010 03:35:06	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43888	No
44	GOM_TRA_1PNPDE20100723_033810_000000552091_00247_43888_8915.N1	23-JUL-2010 03:38:10	Bright	54.500	79	26Bet Per	2.3100	13100.	109	43888	No
45	GOM_TRA_1PNPDE20100723_034122_000000482091_00247_43888_8916.N1	23-JUL-2010 03:41:22	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43888	No
46	GOM_TRA_1PNPDE20100723_034409_000000512091_00247_43888_8917.N1	23-JUL-2010 03:44:09	Twilight	51.000	146	25Eta Tau	2.8730	15200.	102	43888	No
47	GOM_TRA_1PNPDE20100723_034544_000000552091_00247_43888_8918.N1	23-JUL-2010 03:45:44	Dark	55.000	13	87Alp Tau	0.86700	3800.0	110	43888	No
48	GOM_TRA_1PNPDE20100723_035542_000000522091_00247_43888_8919.N1	23-JUL-2010 03:55:42	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	43888	No
49	GOM_TRA_1PNPDE20100723_040456_000000442091_00247_43888_8920.N1	23-JUL-2010 04:04:56	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43888	No
50	GOM_TRA_1PNPDE20100723_041054_000000412091_00248_43889_8921.N1	23-JUL-2010 04:10:54	Dark	41.000	9	Alp Eri	0.45300	24000.	82	43889	No
51	GOM_TRA_1PNPDE20100723_041443_000000552091_00248_43889_8922.N1	23-JUL-2010 04:14:43	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	43889	No
52	GOM_TRA_1PNPDE20100723_041813_000000432091_00248_43889_8923.N1	23-JUL-2010 04:18:13	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43889	No
53	GOM_TRA_1PNPDE20100723_041955_000000552091_00248_43889_8924.N1	23-JUL-2010 04:19:55	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	43889	No
54	GOM_TRA_1PNPDE20100723_042119_000000492091_00248_43889_8925.N1	23-JUL-2010 04:21:19	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43889	No
55	GOM_TRA_1PNPDE20100723_042433_000000492091_00248_43889_8926.N1	23-JUL-2010 04:24:33	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43889	No
56	GOM_TRA_1PNPDE20100723_044152_000000432091_00248_43889_8927.N1	23-JUL-2010 04:41:52	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43889	No
57	GOM_TRA_1PNPDE20100723_045005_000000352091_00248_43889_8928.N1	23-JUL-2010 04:50:05	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	43889	No
58	GOM_TRA_1PNPDE20100723_045247_000000412091_00248_43889_8929.N1	23-JUL-2010 04:52:47	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43889	No
59	GOM_TRA_1PNPDE20100723_045436_000000472091_00248_43889_8930.N1	23-JUL-2010 04:54:36	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	43889	No
60	GOM_TRA_1PNPDE20100723_045948_000000422091_00248_43889_8931.N1	23-JUL-2010 04:59:48	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43889	No
61	GOM_TRA_1PNPDE20100723_050943_000000472091_00248_43889_8938.N1	23-JUL-2010 05:09:43	Bright	46.500	110	37Del Cas	2.6780	8900.0	93	43889	No
62	GOM_TRA_1PNPDE20100723_051414_000000432091_00248_43889_8939.N1	23-JUL-2010 05:14:14	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43889	No
63	GOM_TRA_1PNPDE20100723_051542_000000632091_00248_43889_8940.N1	23-JUL-2010 05:15:42	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	43889	No
64	GOM_TRA_1PNPDE20100723_051846_000000552091_00248_43889_8941.N1	23-JUL-2010 05:18:46	Bright	55.000	79	26Bet Per	2.3100	13100.	110	43889	No
65	GOM_TRA_1PNPDE20100723_052159_000000492091_00248_43889_8942.N1	23-JUL-2010 05:21:59	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	43889	No
66	GOM_TRA_1PNPDE20100723_052445_000000462091_00248_43889_8943.N1	23-JUL-2010 05:24:45	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	43889	No
67	GOM_TRA_1PNPDE20100723_052621_000000472091_00248_43889_8944.N1	23-JUL-2010 05:26:21	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	43889	No
68	GOM_TRA_1PNPDE20100723_053618_000000492091_00248_43889_8945.N1	23-JUL-2010 05:36:18	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43889	No
69	GOM_TRA_1PNPDE20100723_054533_000000432091_00248_43889_8946.N1	23-JUL-2010 05:45:33	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43889	No
70	GOM_TRA_1PNPDE20100723_055131_000000522091_00249_43890_8947.N1	23-JUL-2010 05:51:31	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43890	No
71	GOM_TRA_1PNPDE20100723_055521_000000532091_00249_43890_8948.N1	23-JUL-2010 05:55:21	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	43890	No

72	GOM_TRA_1PNPDE20100723_055849_000000432091_00249_43890_8949.N1	23-JUL-2010 05:58:49	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43890	No
73	GOM_TRA_1PNPDE20100723_060031_000000512091_00249_43890_8950.N1	23-JUL-2010 06:00:31	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43890	No
74	GOM_TRA_1PNPDE20100723_060156_000000442091_00249_43890_8951.N1	23-JUL-2010 06:01:56	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	43890	No
75	GOM_TRA_1PNPDE20100723_060509_000000492091_00249_43890_8952.N1	23-JUL-2010 06:05:09	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43890	No
76	GOM_TRA_1PNPDE20100723_062228_000000412091_00249_43890_8953.N1	23-JUL-2010 06:22:28	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	43890	No
77	GOM_TRA_1PNPDE20100723_063040_000000412091_00249_43890_8954.N1	23-JUL-2010 06:30:40	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43890	No
78	GOM_TRA_1PNPDE20100723_063323_000000412091_00249_43890_8955.N1	23-JUL-2010 06:33:23	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43890	No
79	GOM_TRA_1PNPDE20100723_063511_000000482091_00249_43890_8956.N1	23-JUL-2010 06:35:11	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43890	No
80	GOM_TRA_1PNPDE20100723_064023_000000432091_00249_43890_8957.N1	23-JUL-2010 06:40:23	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43890	No
81	GOM_TRA_1PNPDE20100723_211038_000000492091_00258_43899_9057.N1	23-JUL-2010 21:10:38	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43899	No
82	GOM_TRA_1PNPDE20100723_212749_000000412091_00258_43899_9058.N1	23-JUL-2010 21:27:49	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	43899	No
83	GOM_TRA_1PNPDE20100723_213603_000000392091_00258_43899_9059.N1	23-JUL-2010 21:36:03	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	43899	No
84	GOM_TRA_1PNPDE20100723_213843_000000402091_00258_43899_9060.N1	23-JUL-2010 21:38:43	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43899	No
85	GOM_TRA_1PNPDE20100723_214029_000000482091_00258_43899_9061.N1	23-JUL-2010 21:40:29	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43899	No
86	GOM_TRA_1PNPDE20100723_214542_000000442091_00258_43899_9062.N1	23-JUL-2010 21:45:42	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43899	No
87	GOM_TRA_1PNPDE20100723_215538_000000462091_00258_43899_9063.N1	23-JUL-2010 21:55:38	Bright	46.000	110	37Del Cas	2.6780	8900.0	92	43899	No
88	GOM_TRA_1PNPDE20100723_220011_000000642091_00258_43899_9064.N1	23-JUL-2010 22:00:11	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	43899	No
89	GOM_TRA_1PNPDE20100723_220140_000000632091_00258_43899_9065.N1	23-JUL-2010 22:01:40	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	43899	No
90	GOM_TRA_1PNPDE20100723_220311_000000422091_00258_43899_9066.N1	23-JUL-2010 22:03:11	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	43899	No
91	GOM_TRA_1PNPDE20100723_220444_000000312091_00258_43899_9067.N1	23-JUL-2010 22:04:44	Tw_i_and_stray	31.000	79	26Bet Per	2.3100	13100.	62	43899	No
92	GOM_TRA_1PNPDE20100723_220759_000000462091_00258_43899_9068.N1	23-JUL-2010 22:07:59	Tw_i_and_stray	45.500	150	44Zet Per	2.8900	28000.	91	43899	No
93	GOM_TRA_1PNPDE20100723_221048_000000512091_00258_43899_9069.N1	23-JUL-2010 22:10:48	Dark	50.500	146	25Eta Tau	2.8730	15200.	101	43899	No
94	GOM_TRA_1PNPDE20100723_221223_000000542091_00258_43899_9070.N1	23-JUL-2010 22:12:23	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	43899	No
95	GOM_TRA_1PNPDE20100723_222224_000000502091_00258_43899_9079.N1	23-JUL-2010 22:22:24	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	43899	No
96	GOM_TRA_1PNPDE20100723_223140_000000432091_00258_43899_9080.N1	23-JUL-2010 22:31:40	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43899	No
97	GOM_TRA_1PNPDE20100723_223737_000000512091_00259_43900_9081.N1	23-JUL-2010 22:37:37	Dark	51.000	9	Alp Eri	0.45300	24000.	102	43900	No
98	GOM_TRA_1PNPDE20100723_224131_000000572091_00259_43900_9082.N1	23-JUL-2010 22:41:31	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	43900	No
99	GOM_TRA_1PNPDE20100723_224454_000000422091_00259_43900_9083.N1	23-JUL-2010 22:44:54	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43900	No
100	GOM_TRA_1PNPDE20100723_224802_000000472091_00259_43900_9084.N1	23-JUL-2010 22:48:02	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43900	No
101	GOM_TRA_1PNPDE20100723_225115_000000482091_00259_43900_9085.N1	23-JUL-2010 22:51:15	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	43900	No
102	GOM_TRA_1PNPDE20100723_230825_000000422091_00259_43900_9086.N1	23-JUL-2010 23:08:25	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	43900	No
103	GOM_TRA_1PNPDE20100723_231639_000000352091_00259_43900_9087.N1	23-JUL-2010 23:16:39	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	43900	No
104	GOM_TRA_1PNPDE20100723_231919_000000402091_00259_43900_9088.N1	23-JUL-2010 23:19:19	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43900	No
105	GOM_TRA_1PNPDE20100723_232104_000000492091_00259_43900_9089.N1	23-JUL-2010 23:21:04	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43900	No
106	GOM_TRA_1PNPDE20100723_232617_000000442091_00259_43900_9090.N1	23-JUL-2010 23:26:17	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43900	No
107	GOM_TRA_1PNPDE20100723_233613_000000482091_00259_43900_9091.N1	23-JUL-2010 23:36:13	Bright	47.500	110	37Del Cas	2.6780	8900.0	95	43900	No
108	GOM_TRA_1PNPDE20100723_234046_000000432091_00259_43900_9092.N1	23-JUL-2010 23:40:46	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43900	No
109	GOM_TRA_1PNPDE20100723_234215_000000462091_00259_43900_9093.N1	23-JUL-2010 23:42:15	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	43900	No
110	GOM_TRA_1PNPDE20100723_234547_000000422091_00259_43900_9094.N1	23-JUL-2010 23:45:47	Bright	42.000	149	45Eps Per	2.8880	30000.	84	43900	No
111	GOM_TRA_1PNPDE20100723_234835_000000482091_00259_43900_9095.N1	23-JUL-2010 23:48:35	Tw_i_and_stray	48.000	150	44Zet Per	2.8900	28000.	96	43900	No
112	GOM_TRA_1PNPDE20100723_235124_000000492091_00259_43900_9096.N1	23-JUL-2010 23:51:24	Dark	49.000	146	25Eta Tau	2.8730	15200.	98	43900	No
113	GOM_TRA_1PNPDE20100723_235259_000000422091_00259_43900_9097.N1	23-JUL-2010 23:52:59	Dark	41.500	13	87Alp Tau	0.86700	3800.0	83	43900	No

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



4. Overview of dark signal processing per product

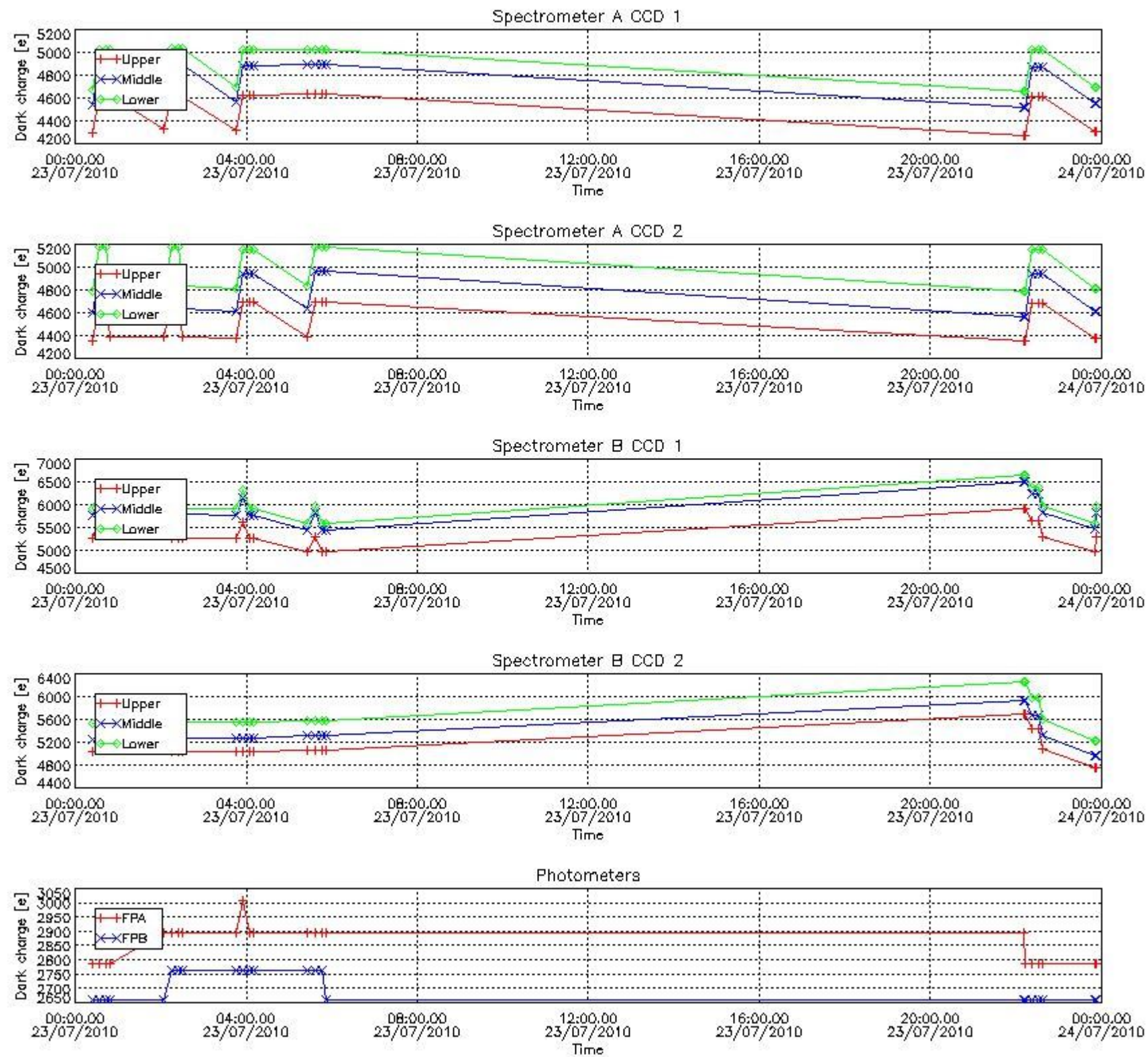
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100723_211038_000000492091_00258_43899_9057.N1	DC map used
GOM_TRA_1PNPDE20100723_212749_000000412091_00258_43899_9058.N1	DC map used
GOM_TRA_1PNPDE20100723_213603_000000392091_00258_43899_9059.N1	DC map used
GOM_TRA_1PNPDE20100723_213843_000000402091_00258_43899_9060.N1	DC map used
GOM_TRA_1PNPDE20100723_214029_000000482091_00258_43899_9061.N1	DC map used
GOM_TRA_1PNPDE20100723_214542_000000442091_00258_43899_9062.N1	DC map used
GOM_TRA_1PNPDE20100723_215538_000000462091_00258_43899_9063.N1	DC map used
GOM_TRA_1PNPDE20100723_220011_000000642091_00258_43899_9064.N1	DC map used
GOM_TRA_1PNPDE20100723_220140_000000632091_00258_43899_9065.N1	DC map used
GOM_TRA_1PNPDE20100723_220311_000000422091_00258_43899_9066.N1	DC map used
GOM_TRA_1PNPDE20100723_220444_000000312091_00258_43899_9067.N1	DC map used
GOM_TRA_1PNPDE20100723_220759_000000462091_00258_43899_9068.N1	DC map used
GOM_TRA_1PNPDE20100723_221048_000000512091_00258_43899_9069.N1	DC map used
GOM_TRA_1PNPDE20100723_221223_000000542091_00258_43899_9070.N1	DC map used

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



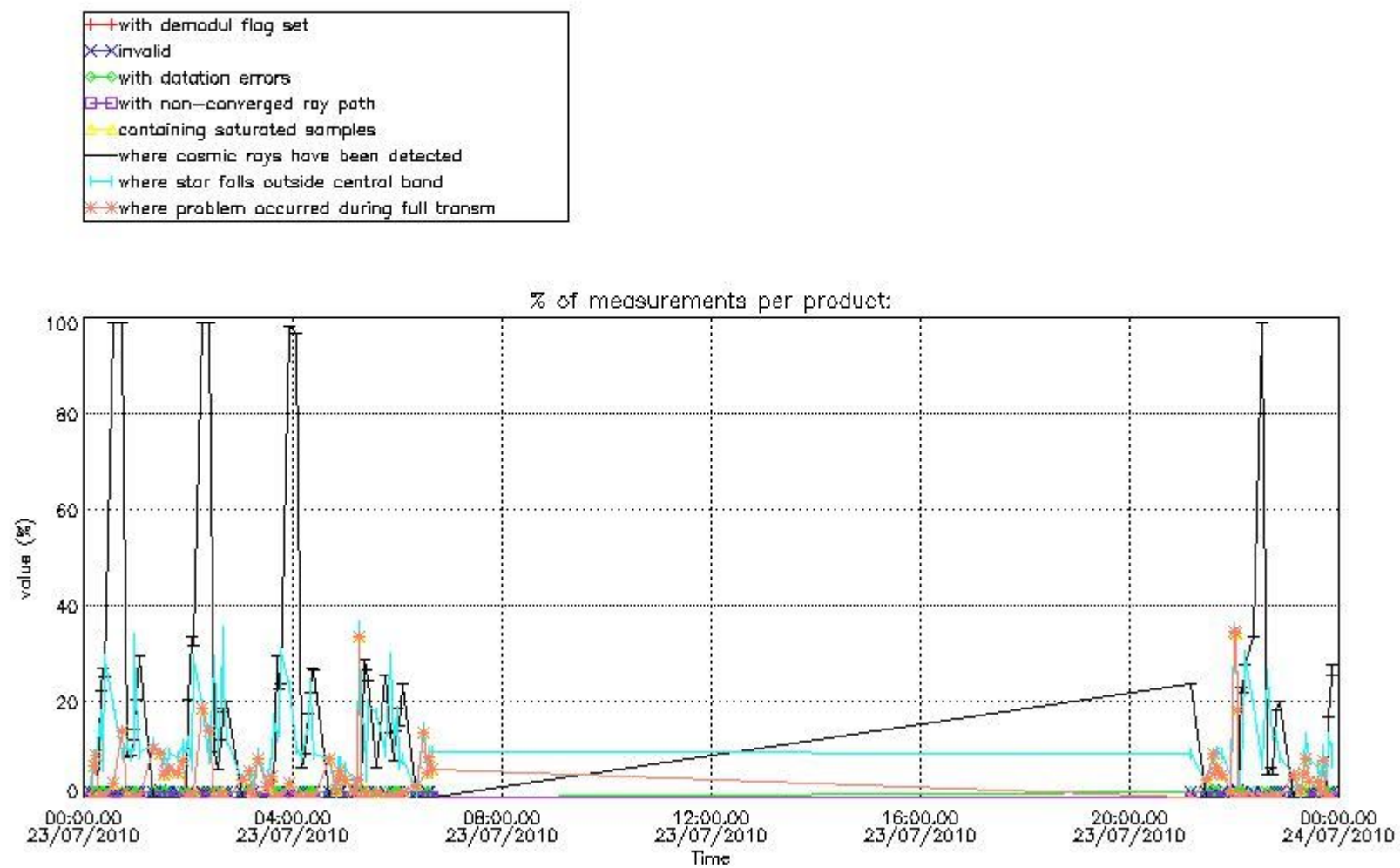
5. Demodulation flag and quality information monitoring

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.

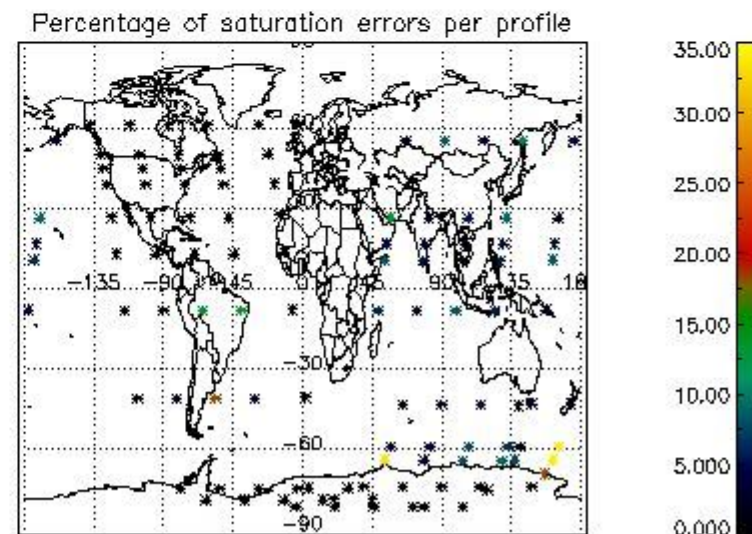
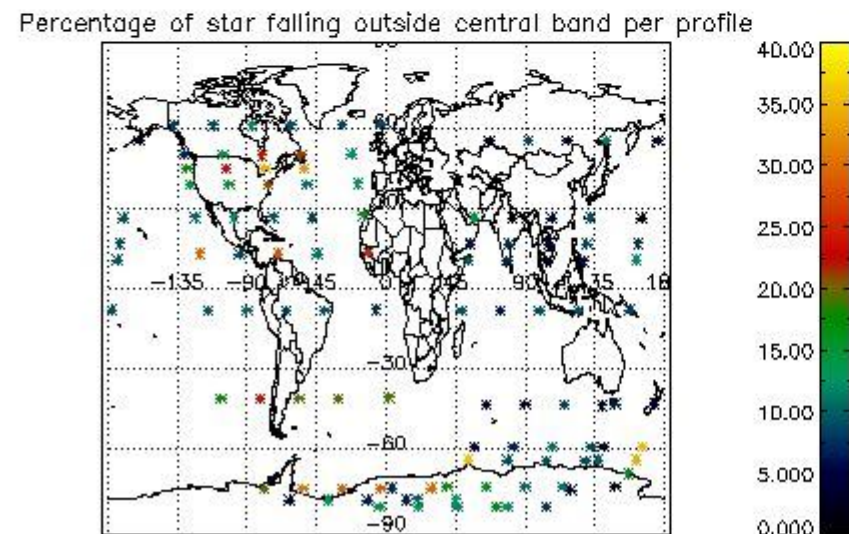
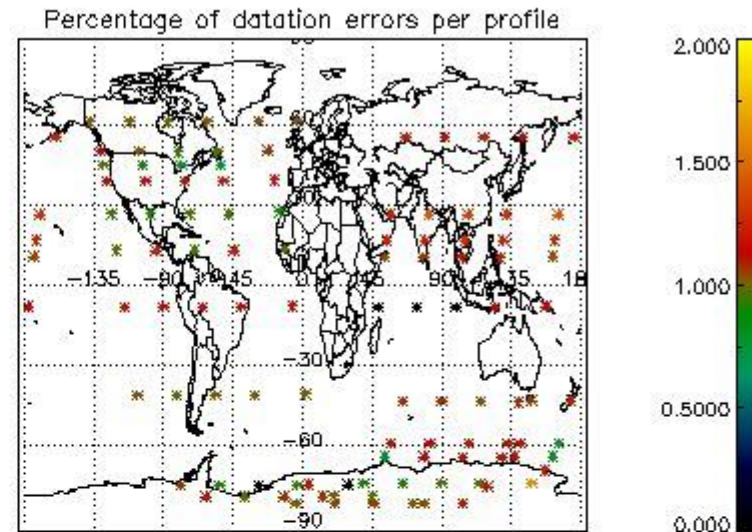
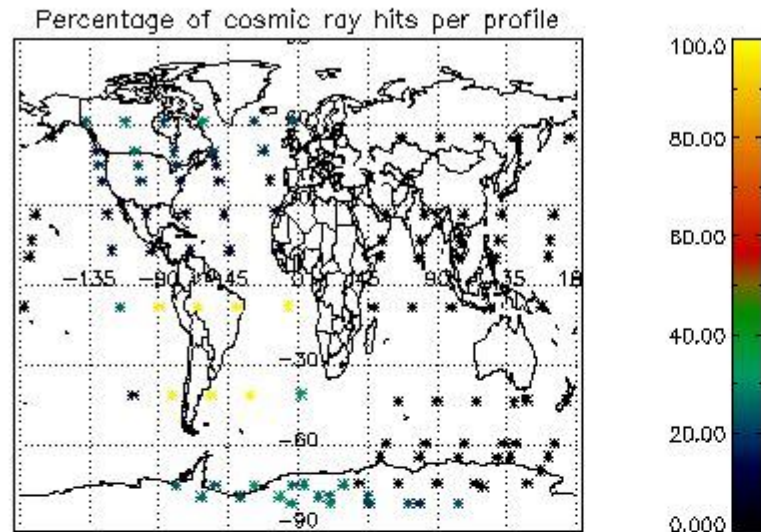
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	42.4779 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



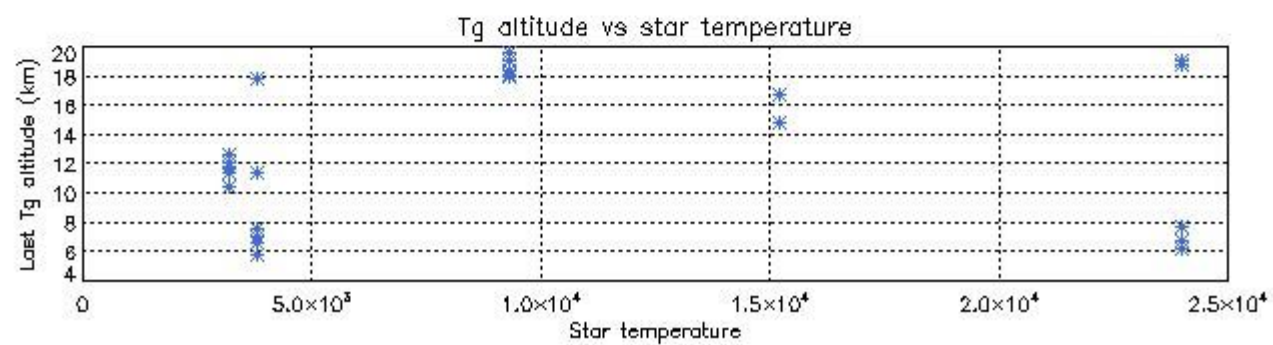
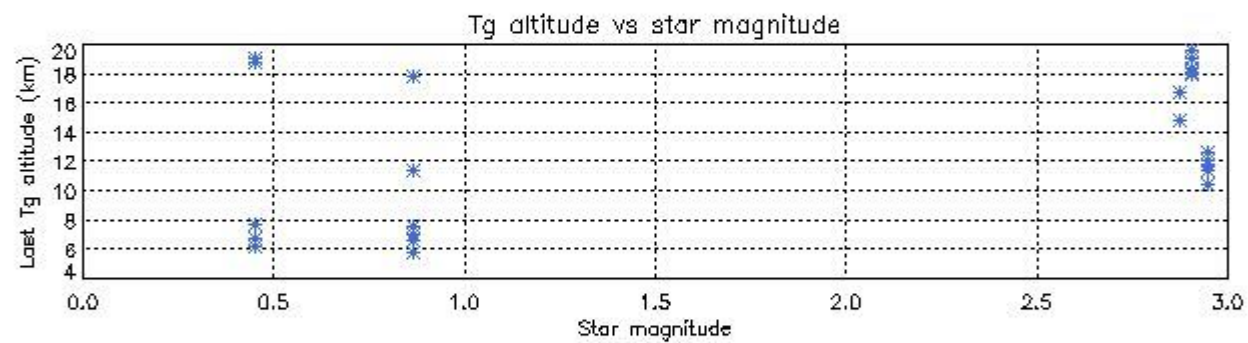
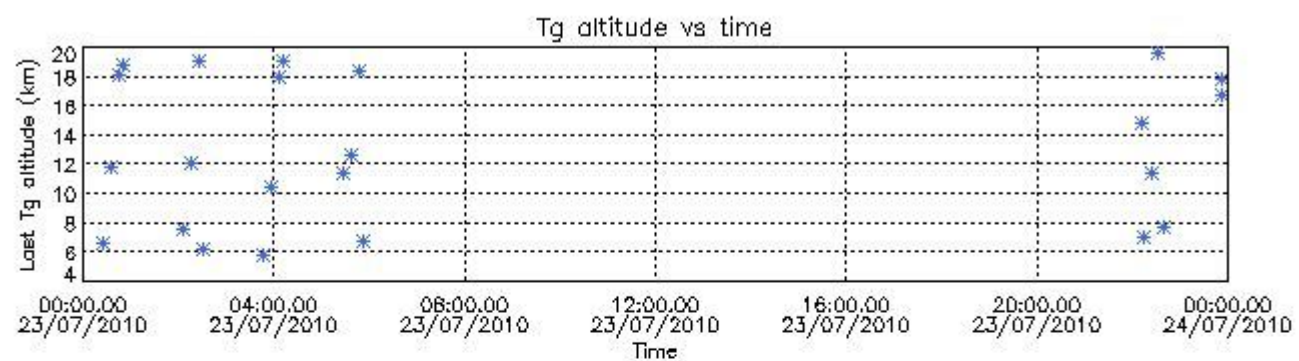
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	12.925	19.359	17.739
St. deviation:	5.0249	4.6131	2.9654
Maximum:	19.610	27.754	20.449
Minimum:	5.7580	4.1284	13.514
Number of data:	23.000	54.000	4.0000

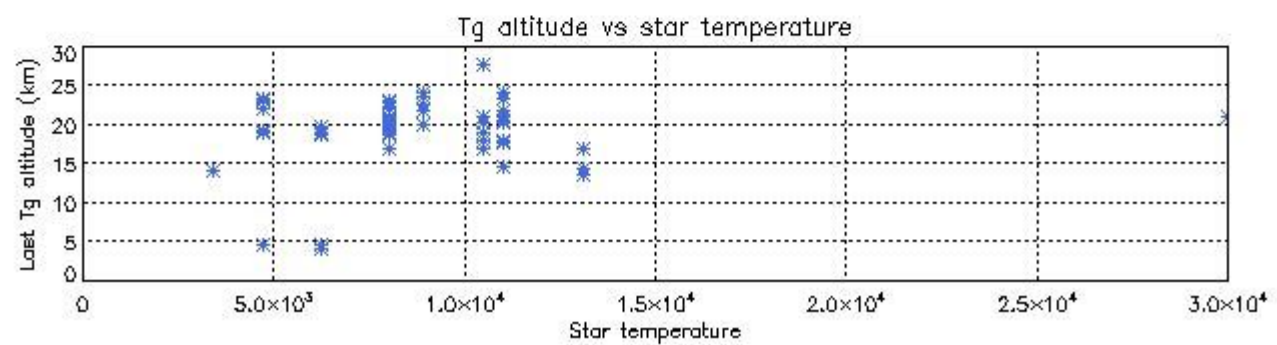
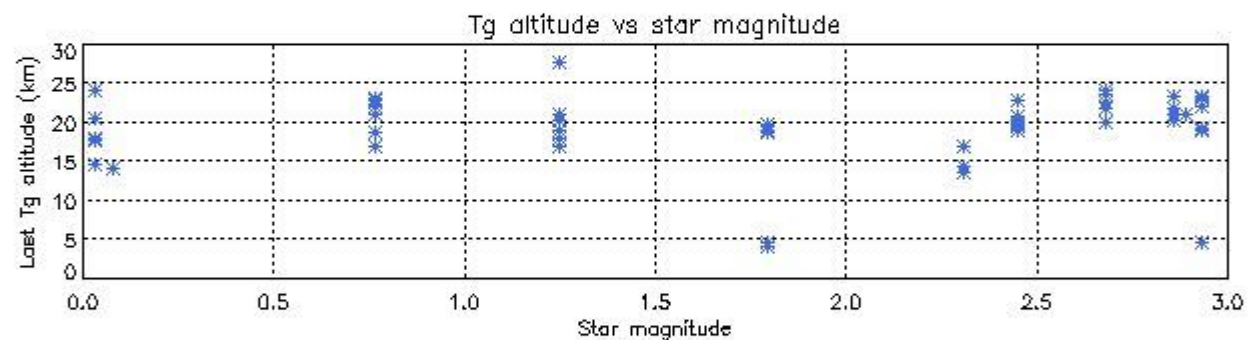
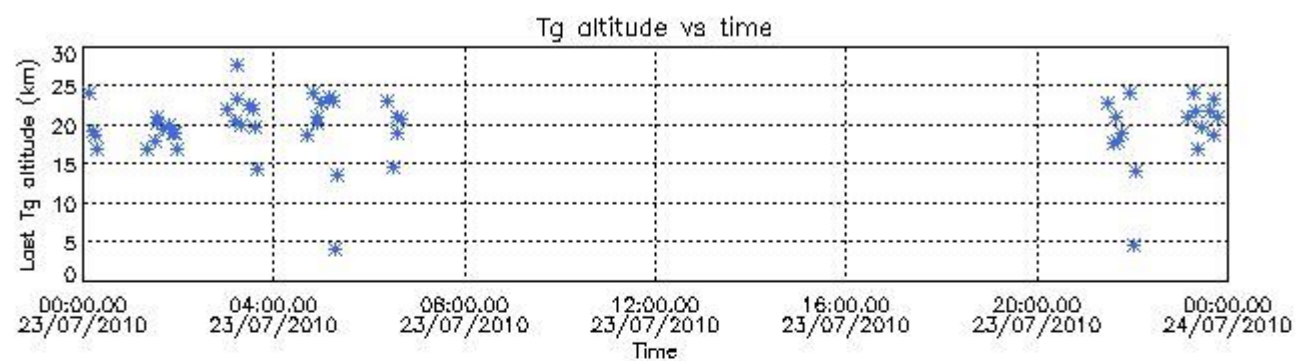
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



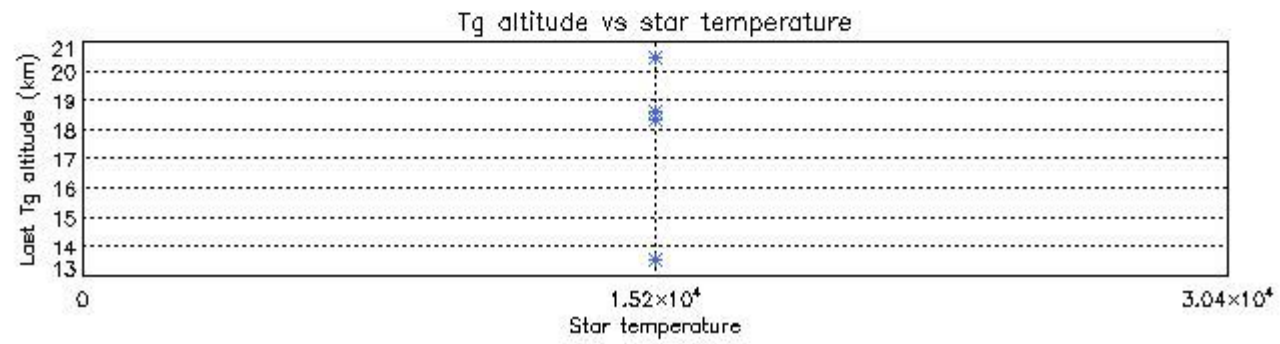
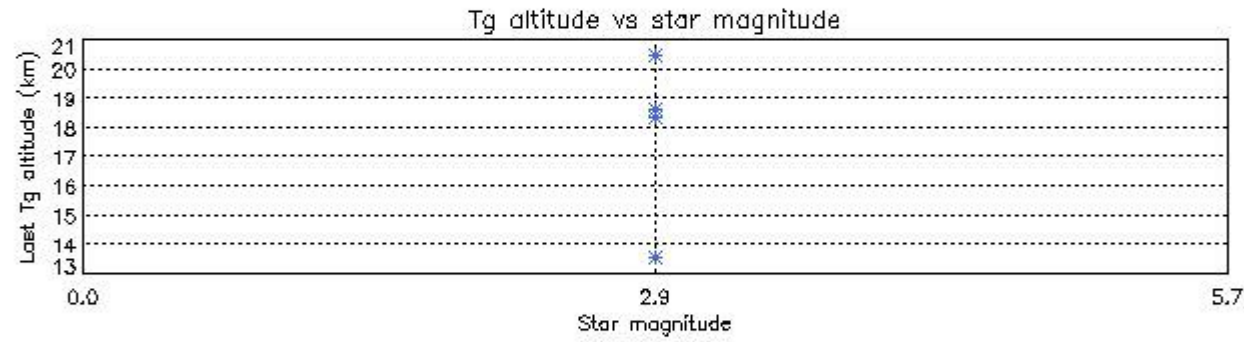
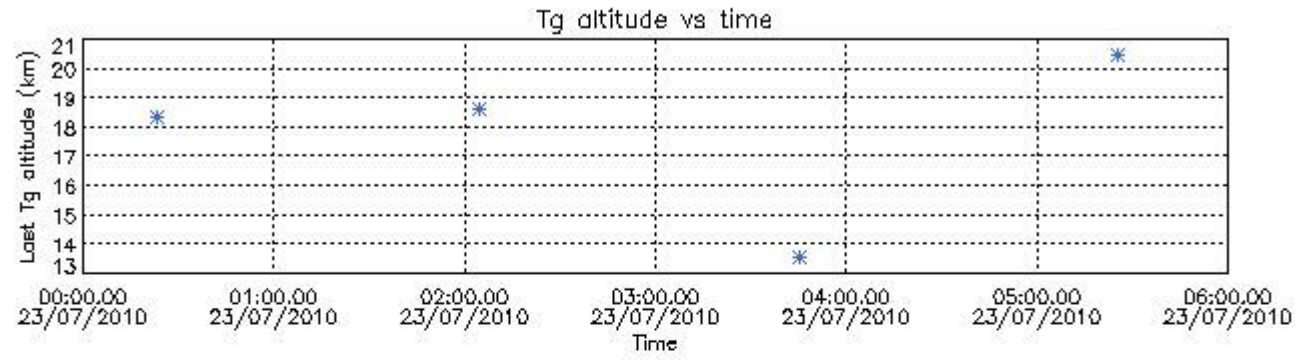
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

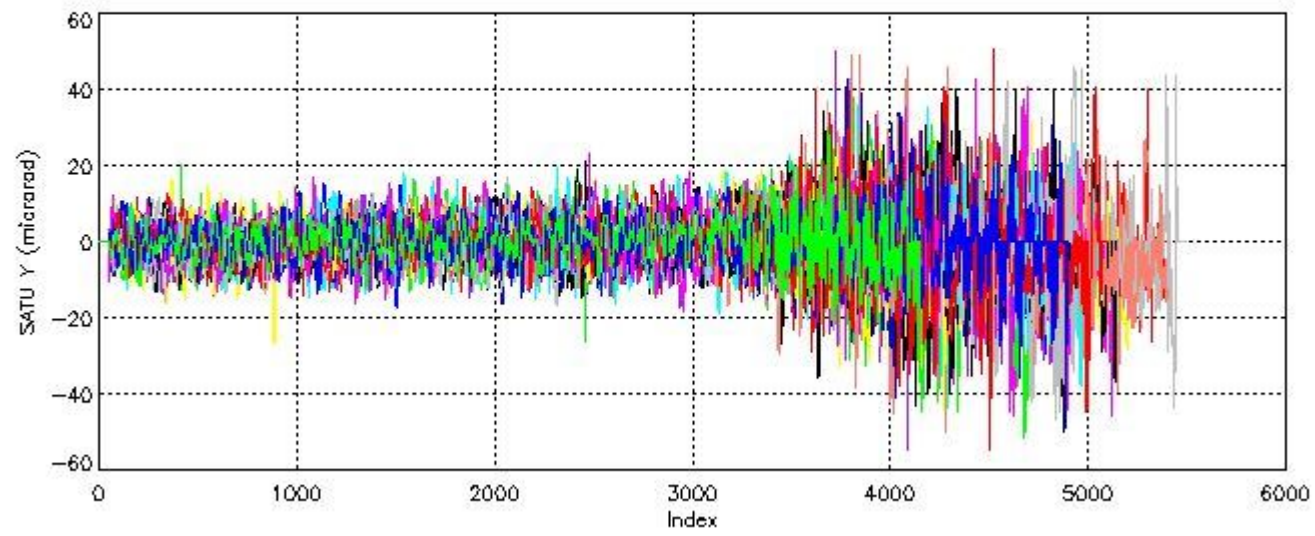
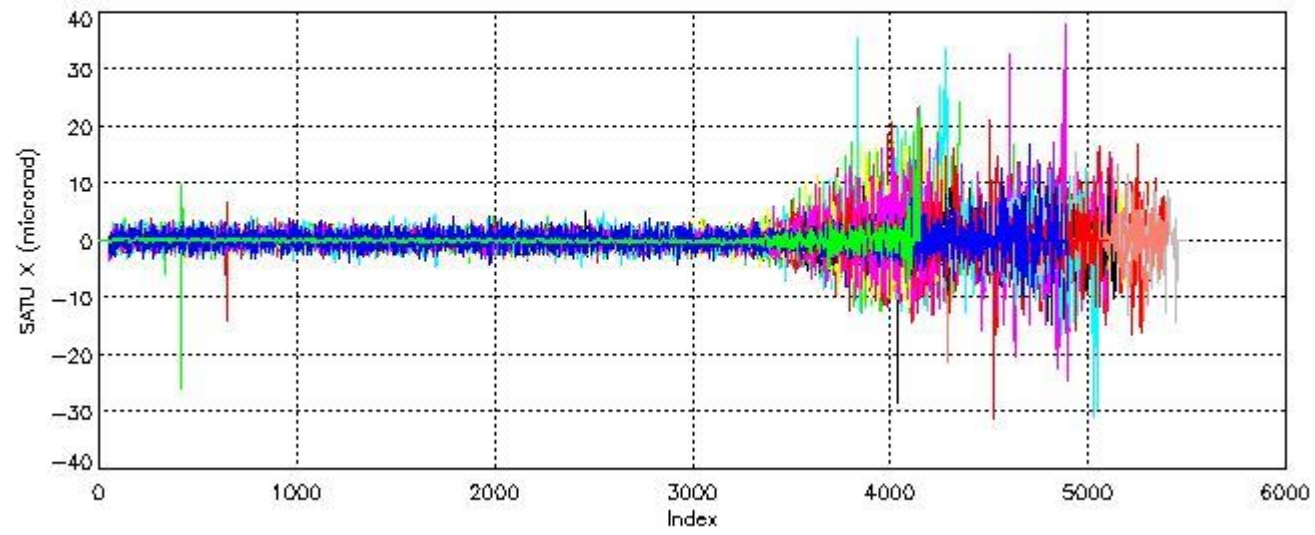


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

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

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.17357	-0.85425	0.22037	-0.62183
St. deviation:	0.52295	4.3040	0.75857	4.2023
Maximum:	9.7000	20.100	5.3000	14.900
Minimum:	-26.100	-27.000	-6.4000	-18.800

Number of data:	22800.	22800.	56400.	56400.
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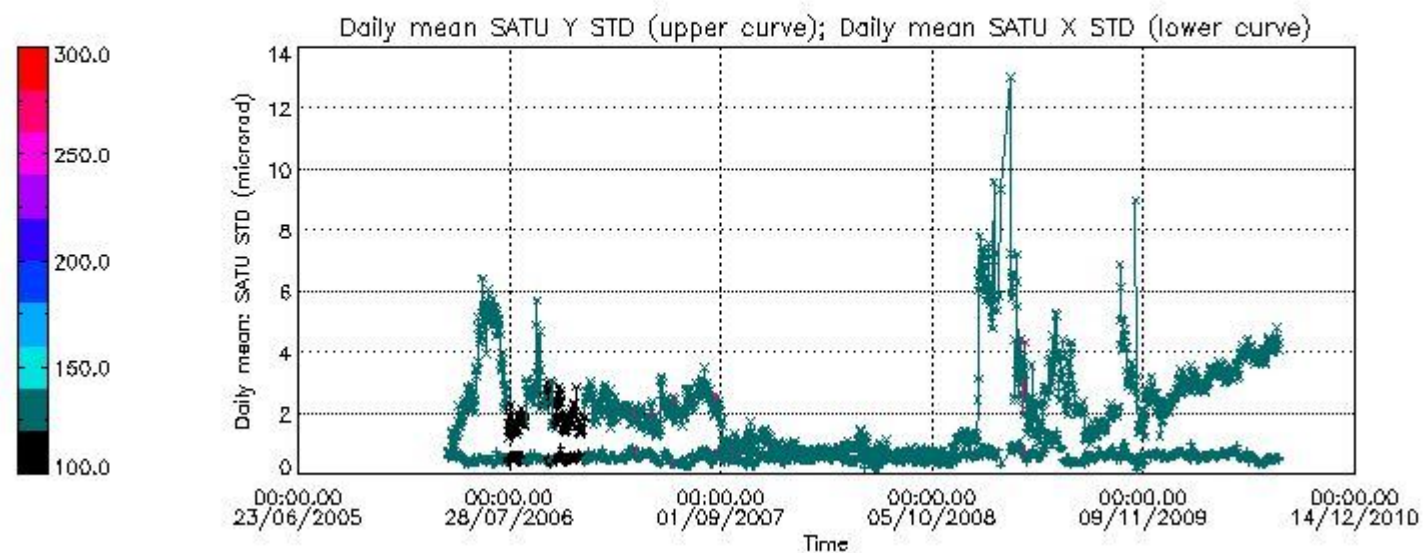
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

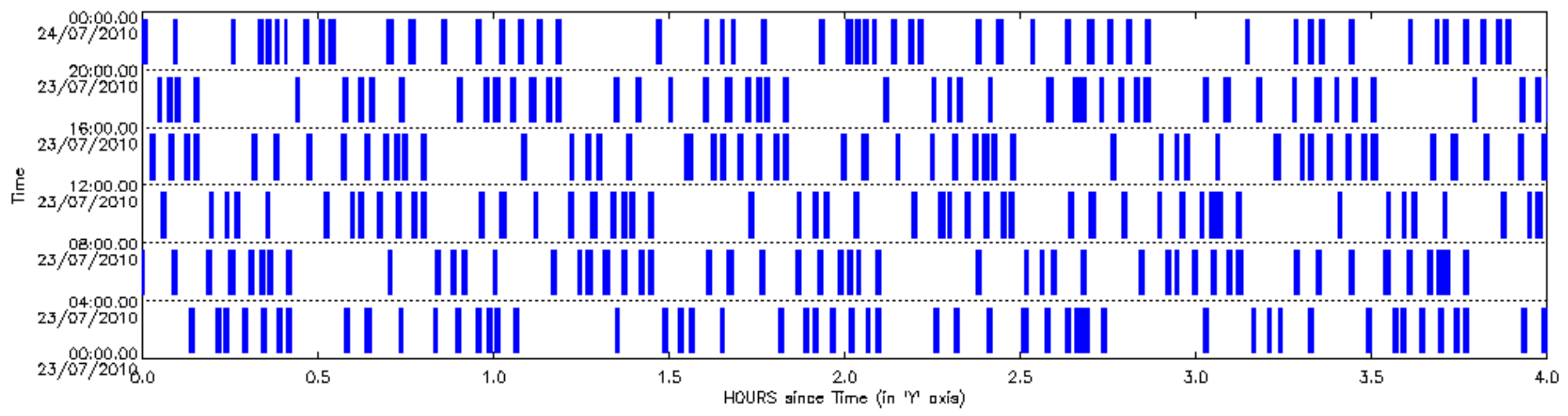
Lower curve: STD of SATU X axis

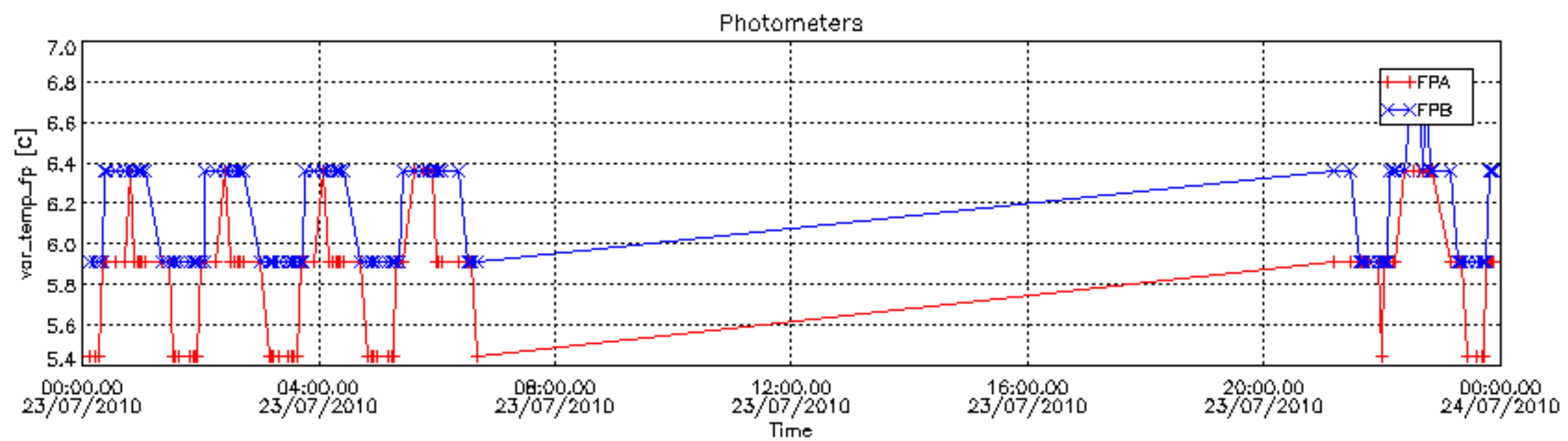
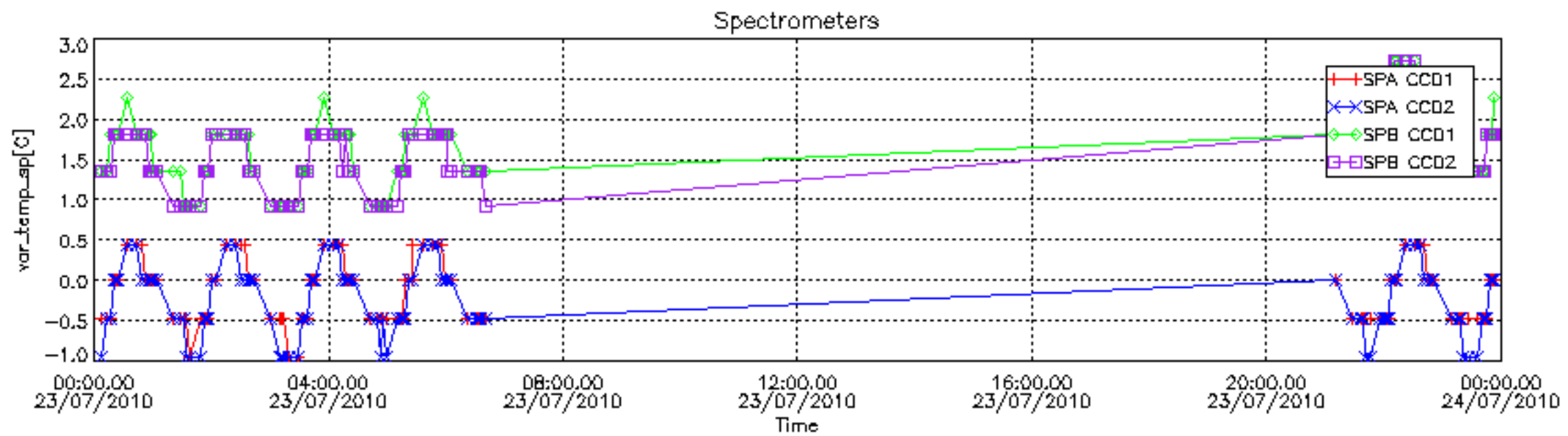


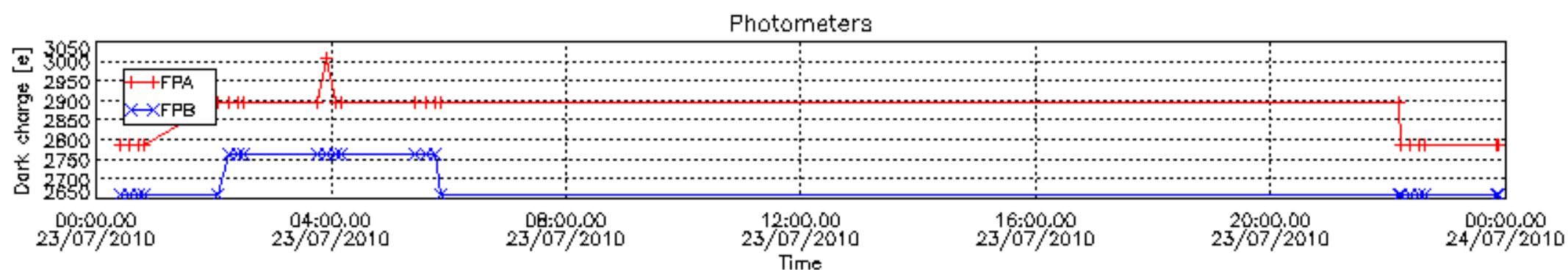
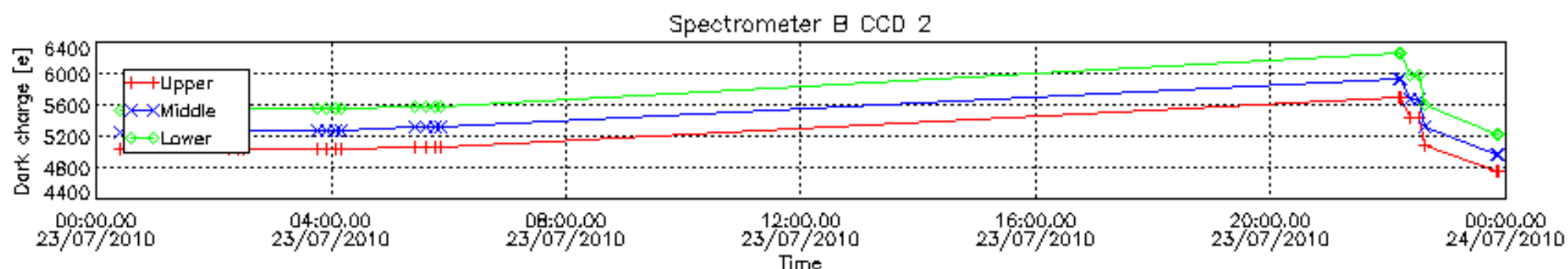
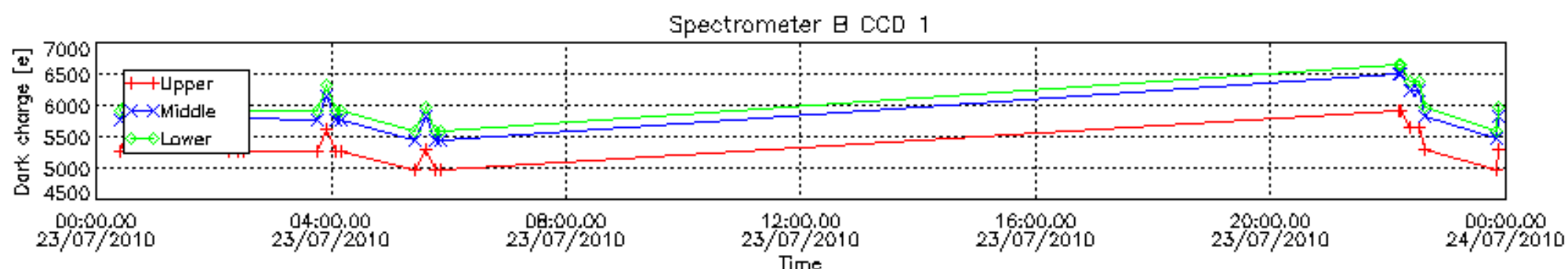
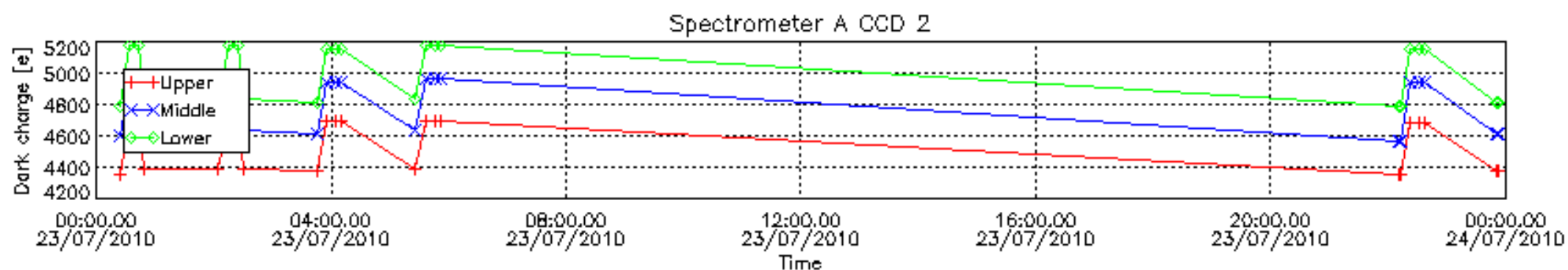
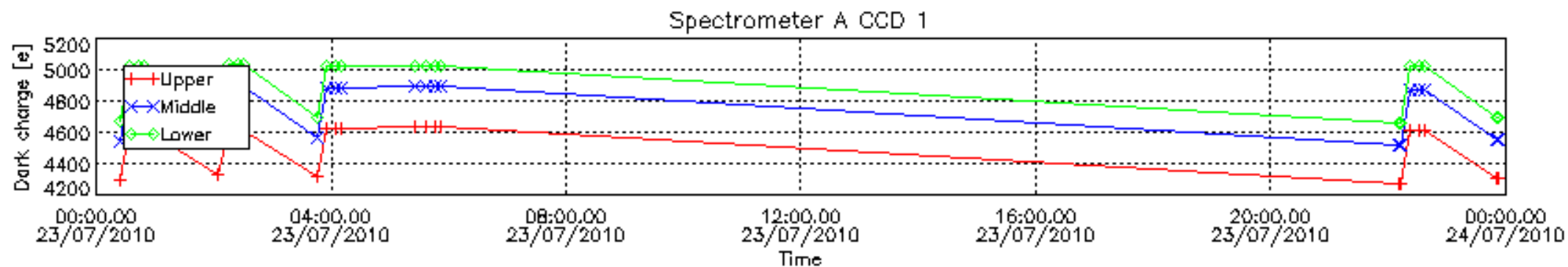
8. Auxiliary Data Files used for the production reported in section 2.4

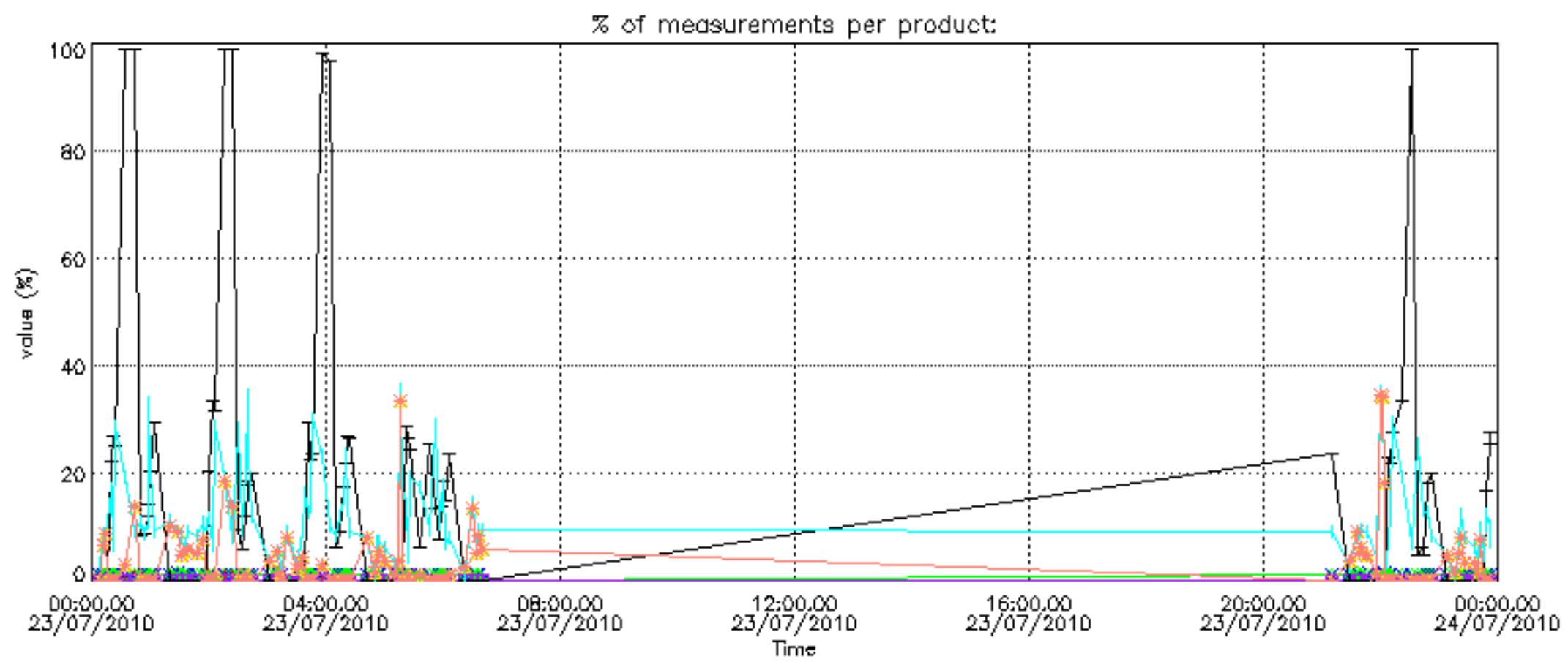
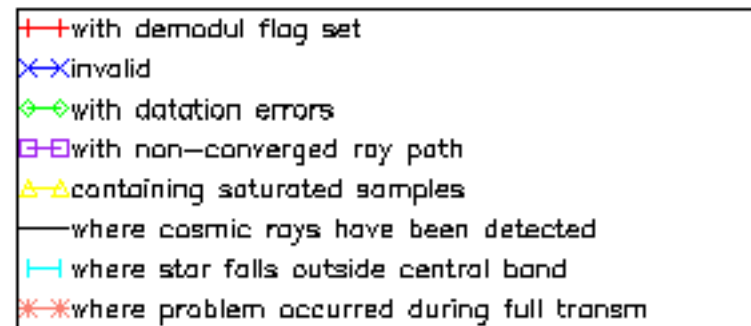
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-JUL-2010 00:07:57
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100720_095840_20100718_000000_20500101_000000	1	23-JUL-2010 00:07:57
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	23-JUL-2010 00:07:57
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	23-JUL-2010 00:07:57
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	23-JUL-2010 00:07:57
ECMWF_FILE	AUX_ECF_AXNECM20100722_054113_20100722_210000_20100723_090000	1	23-JUL-2010 00:07:57
ECMWF_FILE	AUX_ECF_AXNECM20100722_172112_20100723_030000_20100723_150000	41	23-JUL-2010 03:29:08
ECMWF_FILE	AUX_ECA_AXNECM20100723_052114_20100722_210000_20100723_090000	61	23-JUL-2010 05:09:43
ECMWF_FILE	AUX_ECF_AXNECM20100723_054114_20100723_210000_20100724_090000	81	23-JUL-2010 21:10:38
OPTIONAL_ECMWF_FILE	MISSING	1	23-JUL-2010 00:07:57
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100722_225157_000057382091_00244_43885_0803.N1	1	23-JUL-2010 00:07:57
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100722_092113_20100721_183517_20100731_200131	8	23-JUL-2010 00:34:28
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100723_020832_000041442091_00246_43887_0805.N1	28	23-JUL-2010 02:15:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100723_032255_000057382091_00247_43888_0806.N1	41	23-JUL-2010 03:29:08
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100723_050352_000057382091_00248_43889_0807.N1	61	23-JUL-2010 05:09:43
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100723_210533_000041442091_00258_43899_0808.N1	81	23-JUL-2010 21:10:38
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100723_221956_000057382091_00258_43899_0809.N1	95	23-JUL-2010 22:22:24

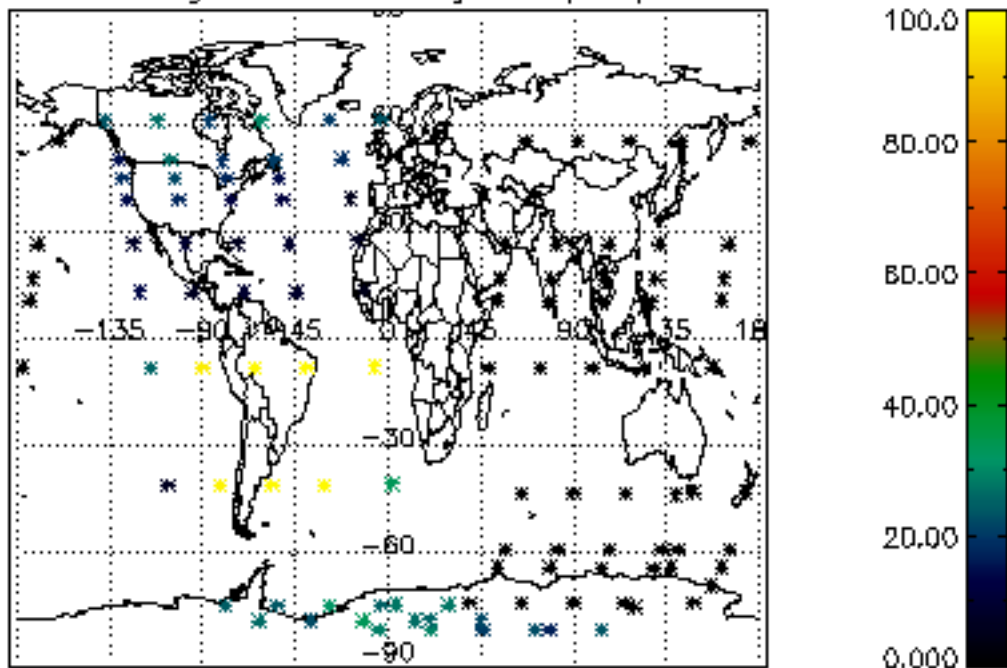




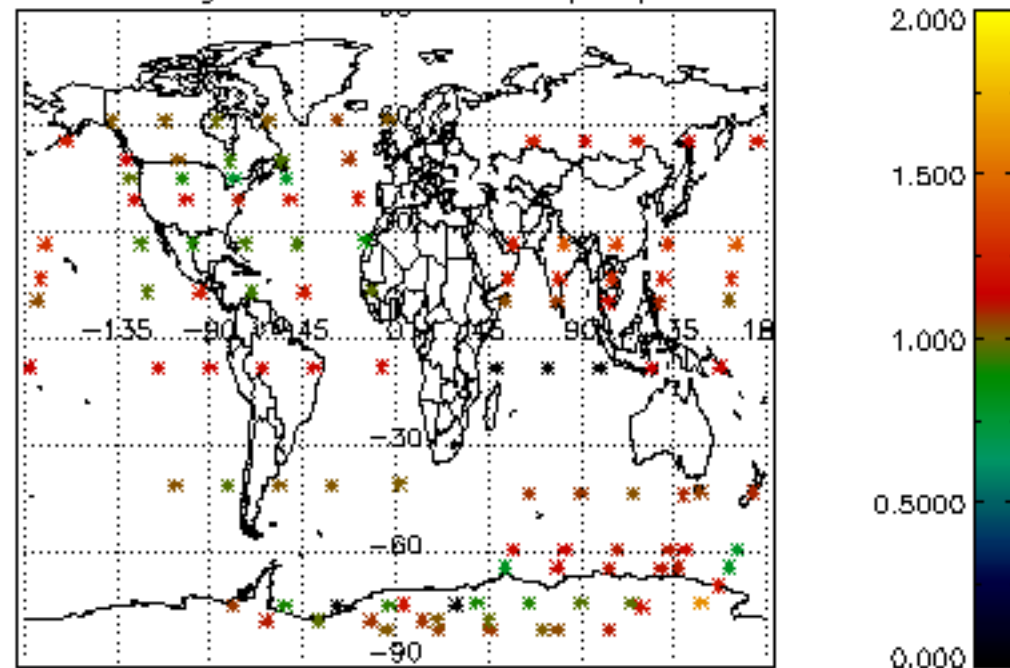




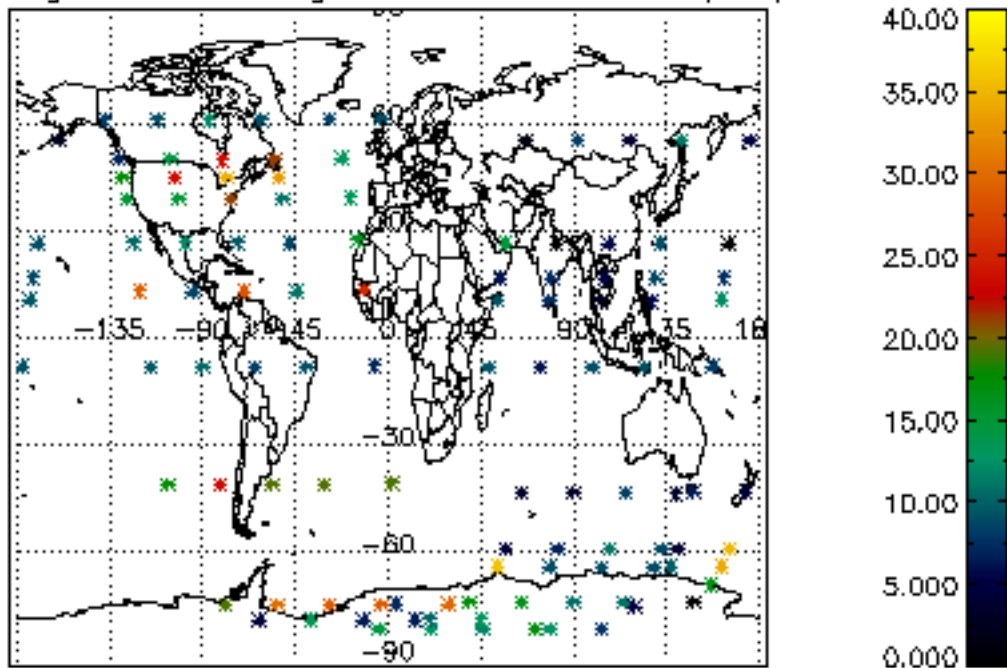
Percentage of cosmic ray hits per profile



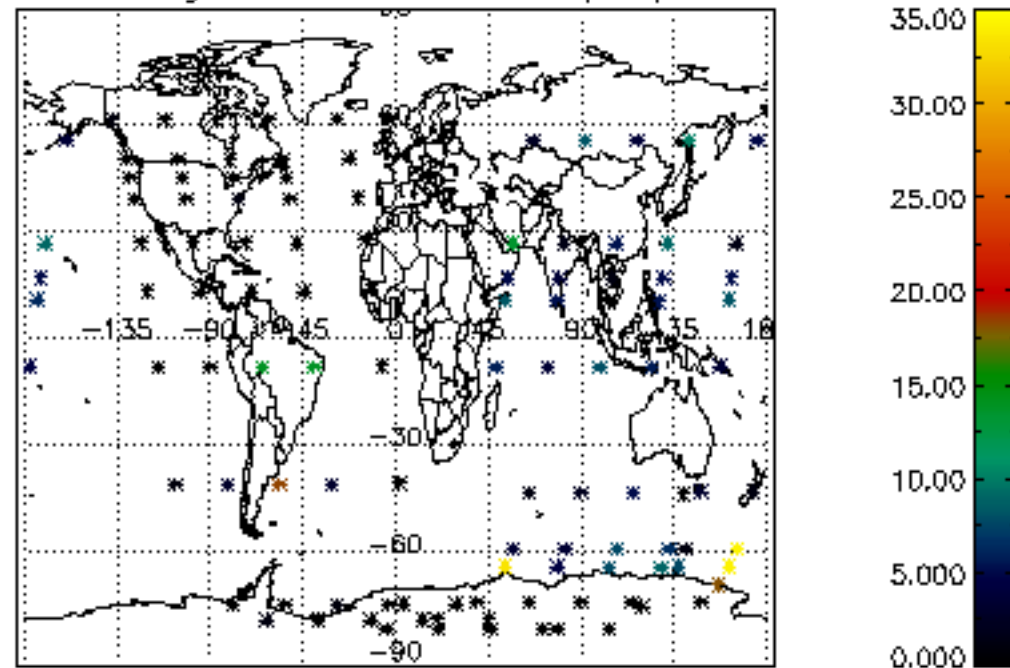
Percentage of datation errors per profile



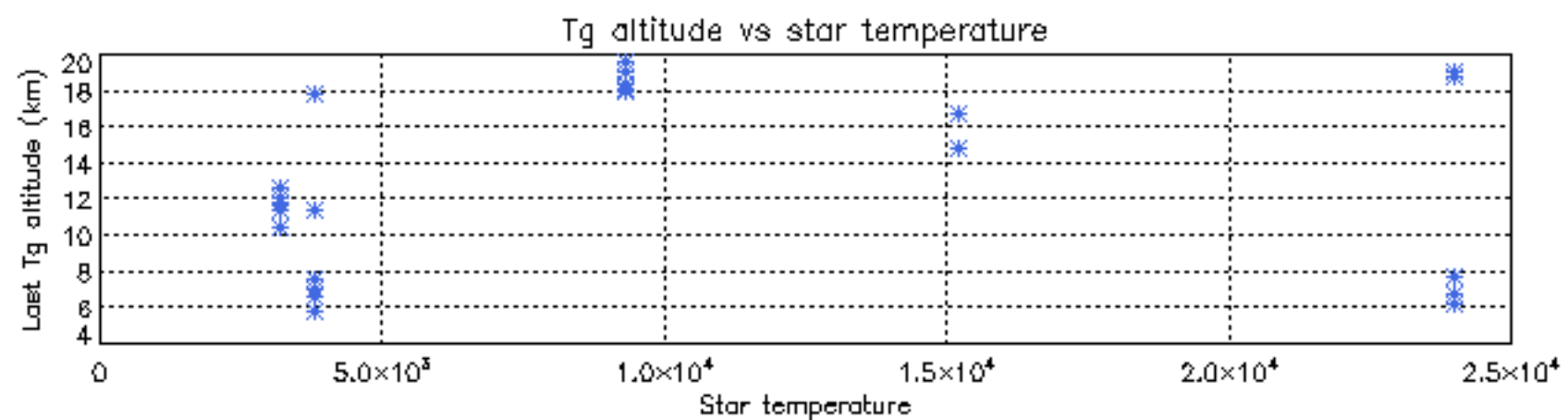
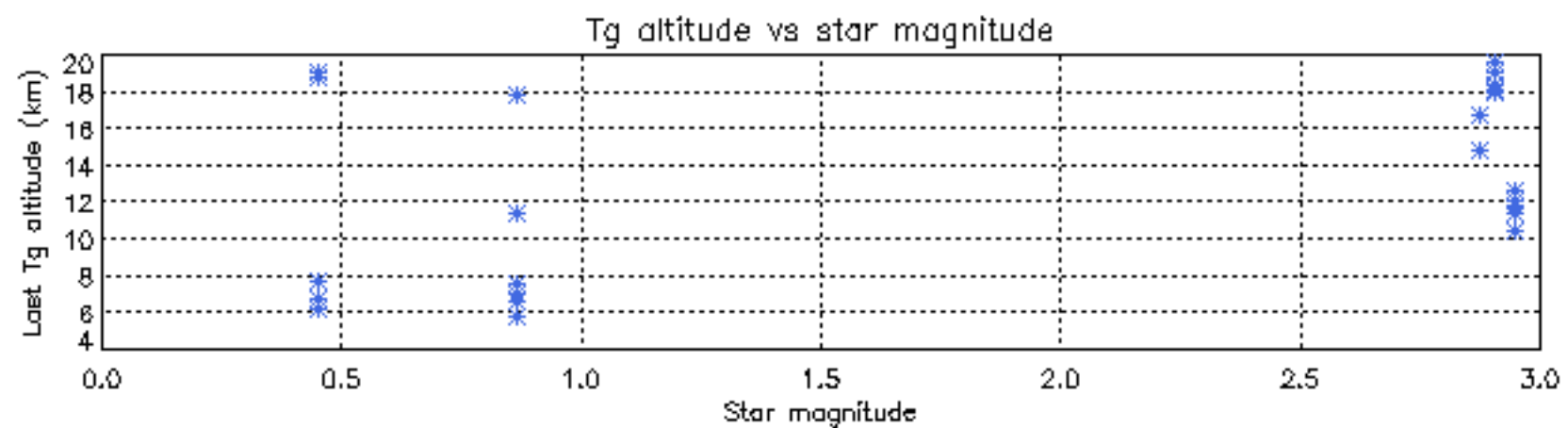
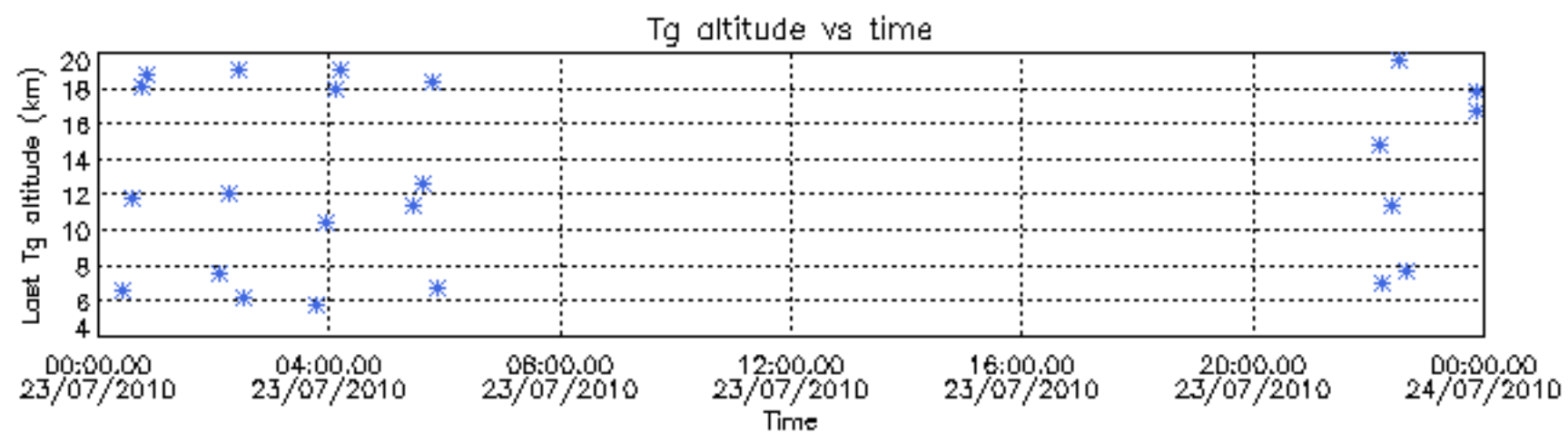
Percentage of star falling outside central band per profile



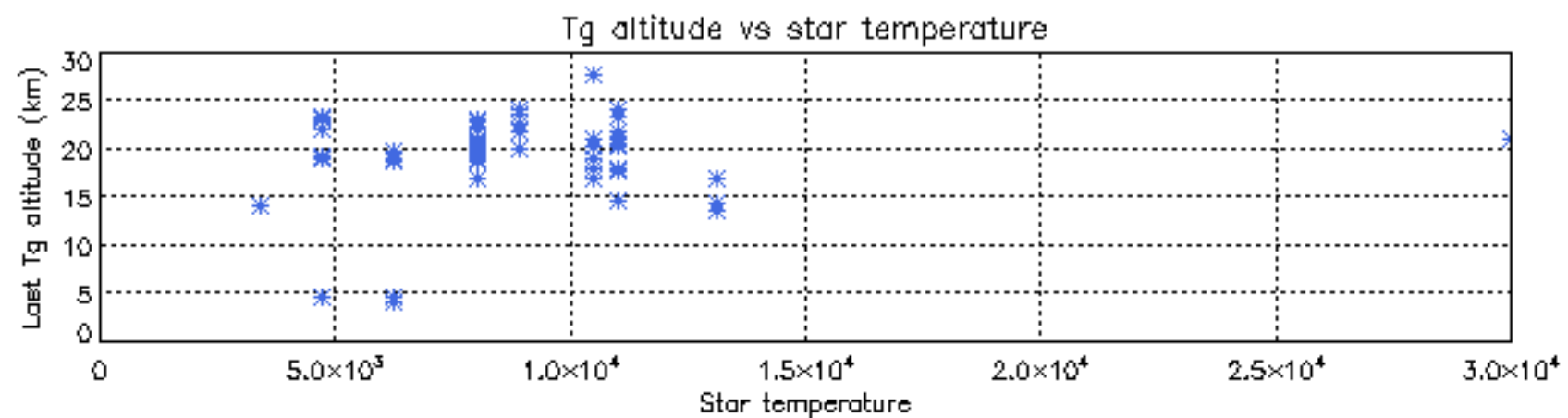
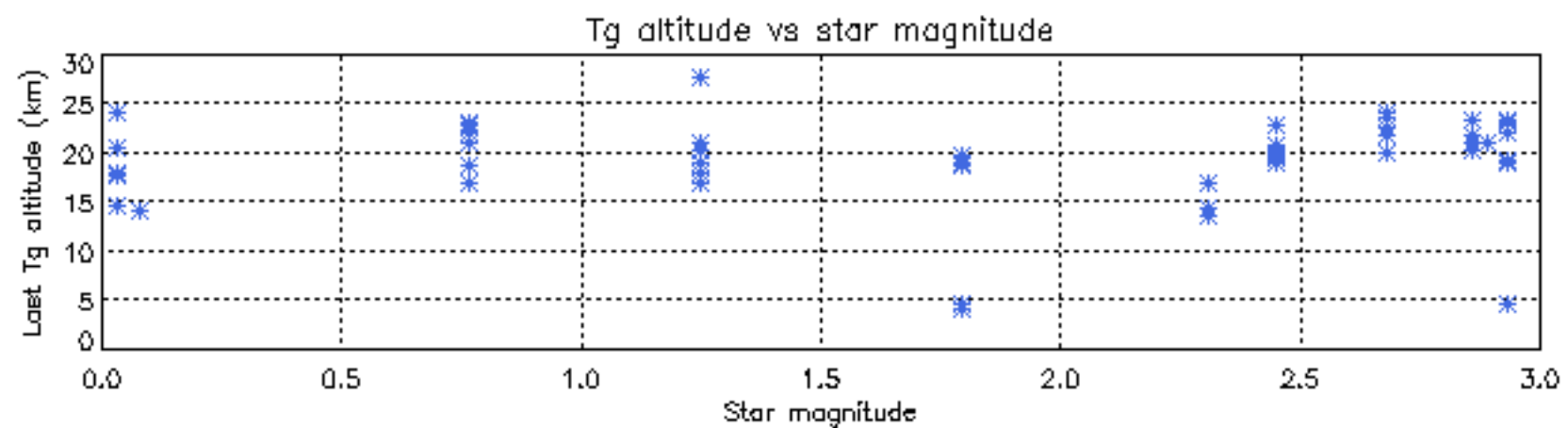
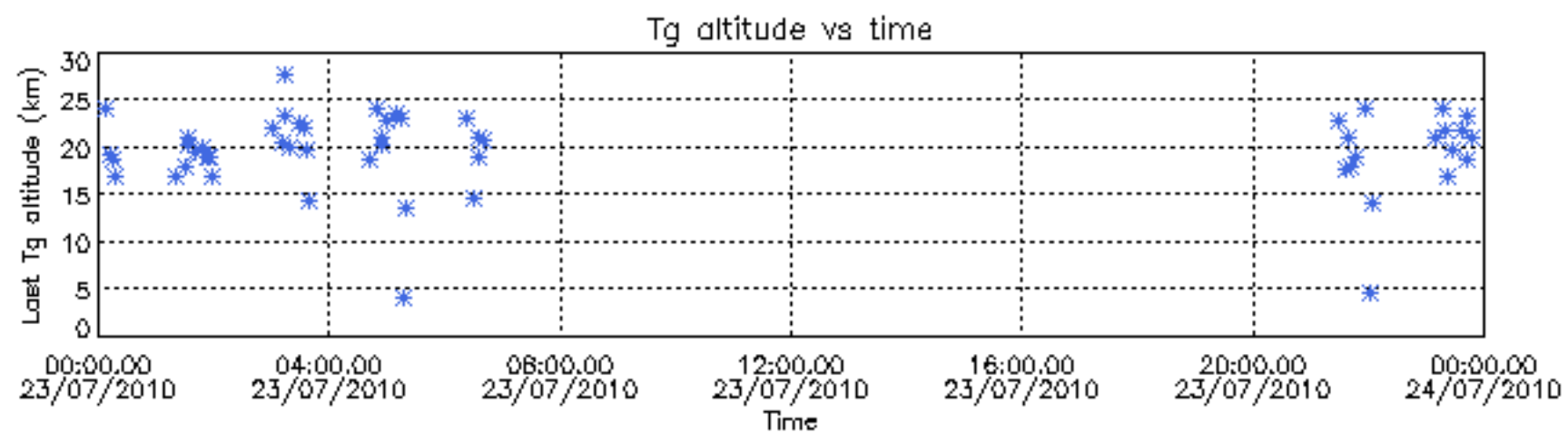
Percentage of saturation errors per profile



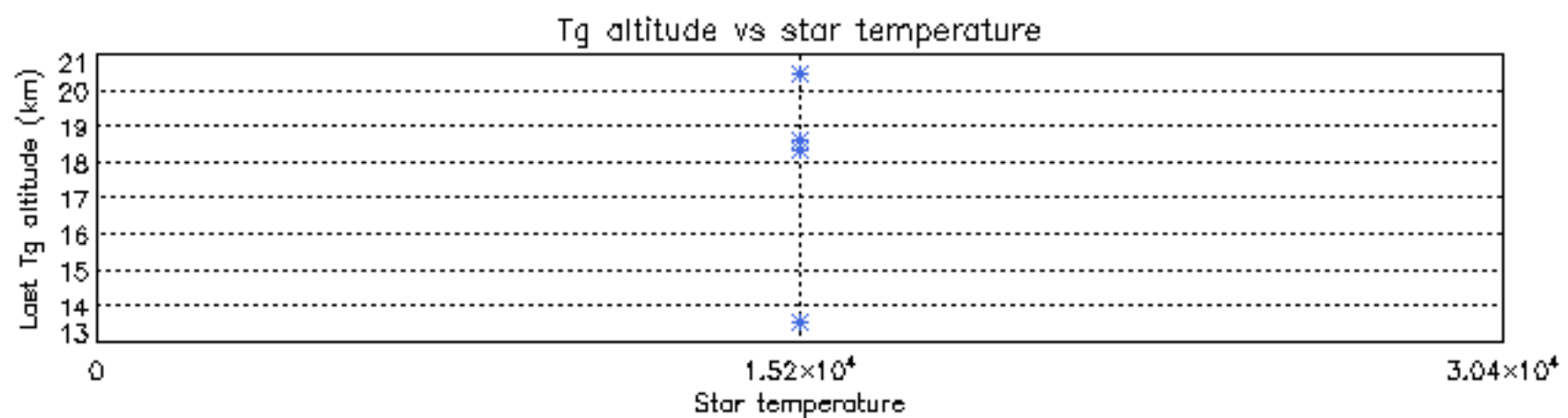
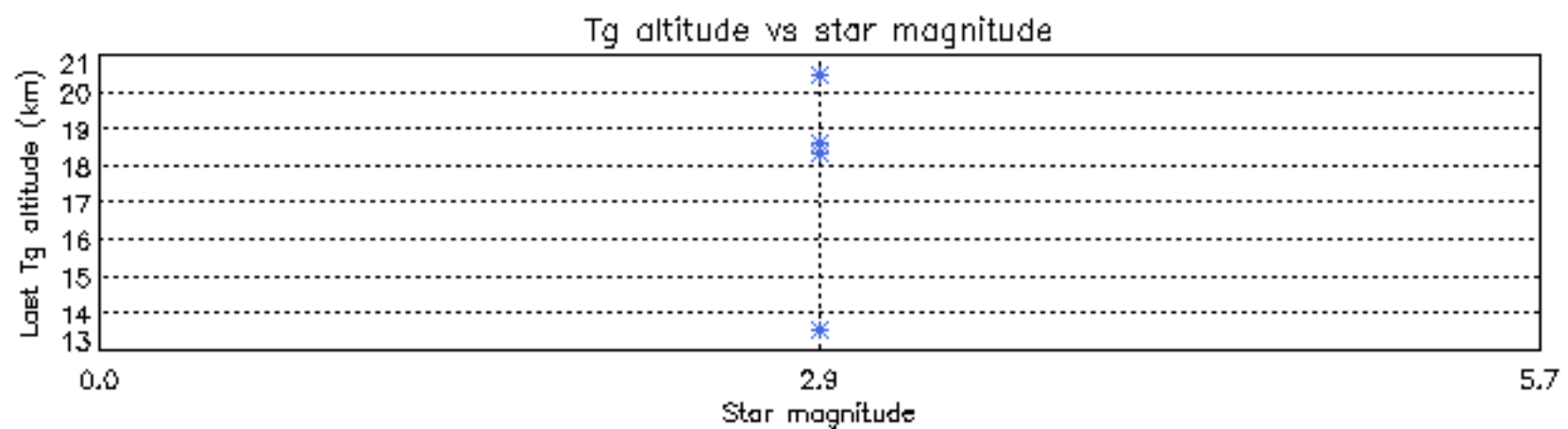
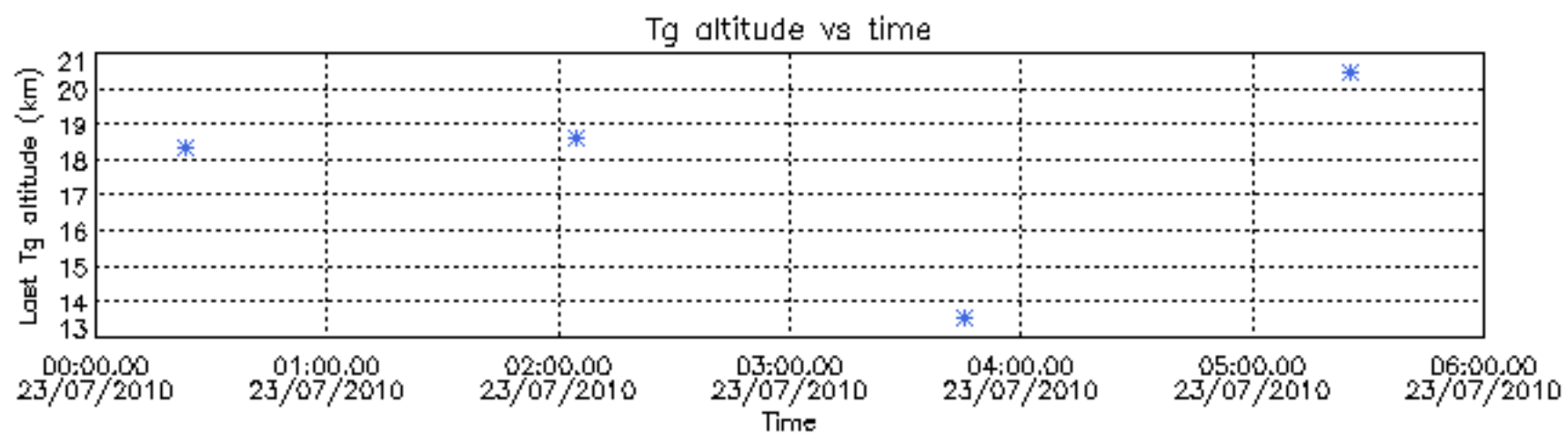
Tangent altitude at which the star is lost

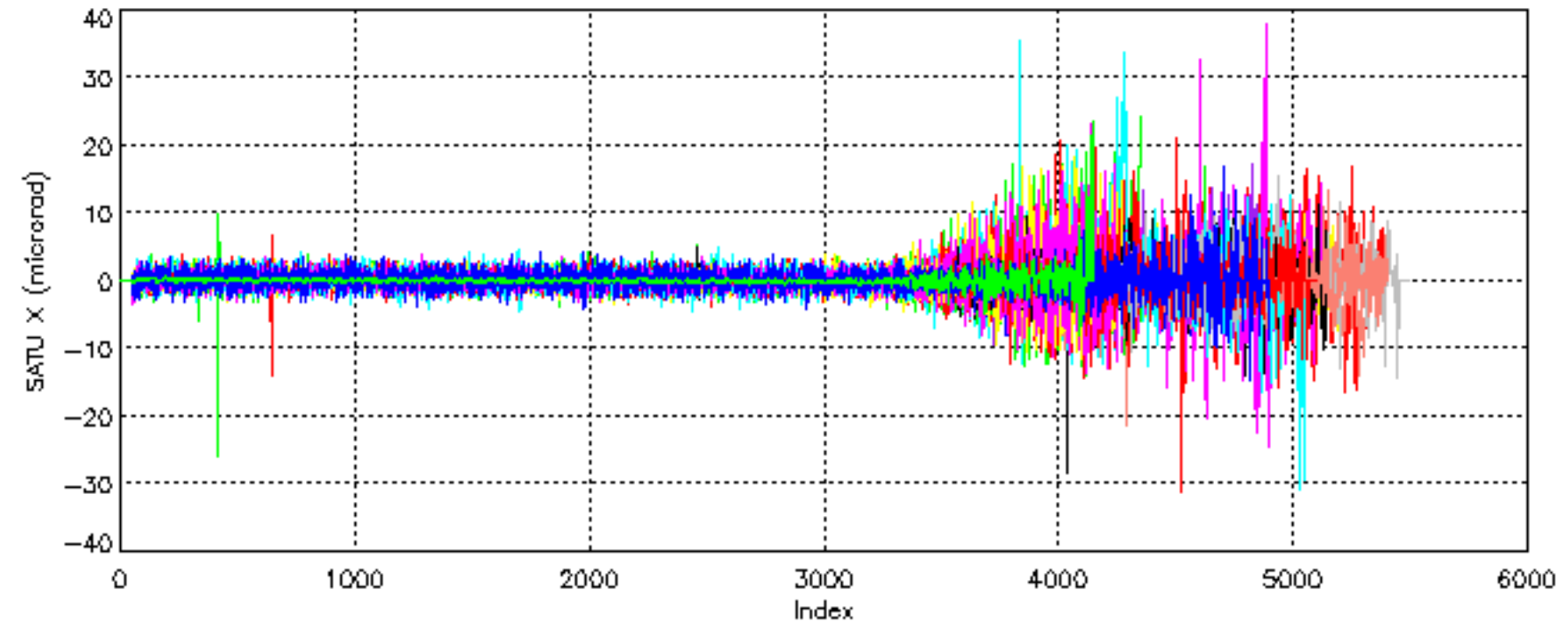


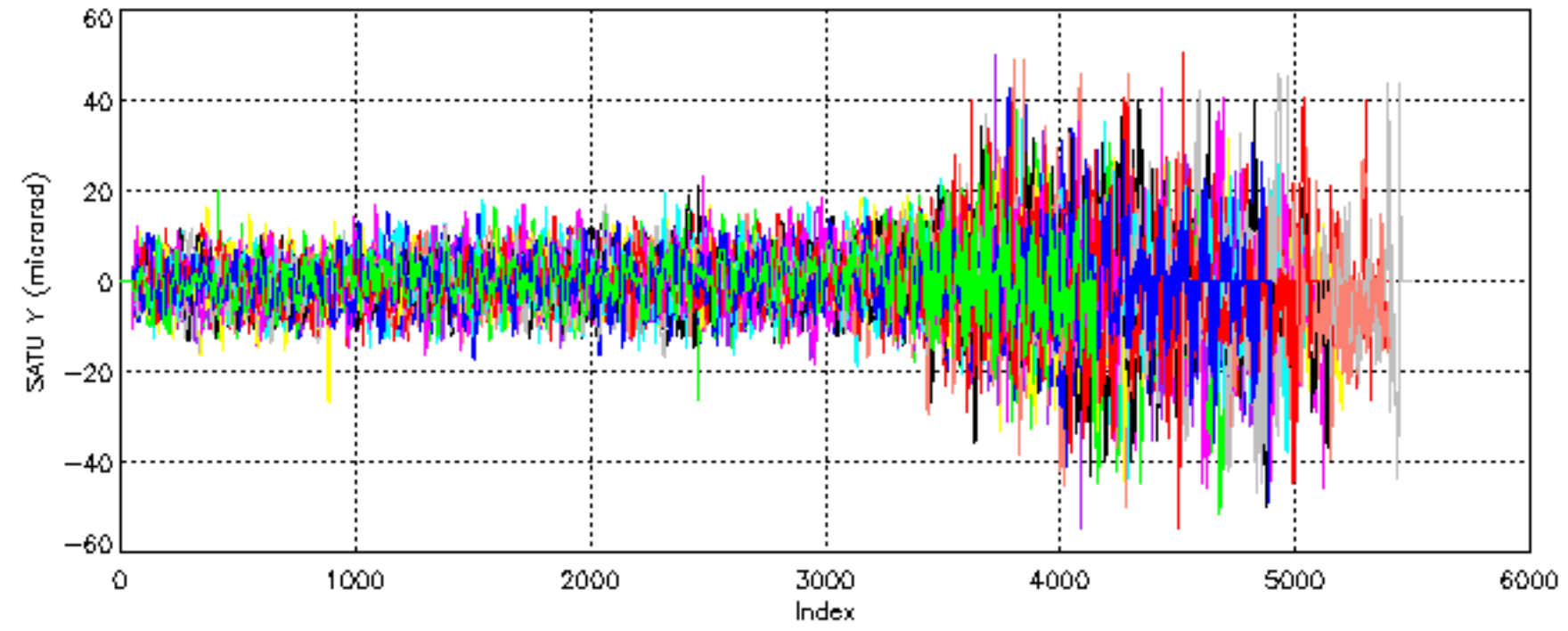
Tangent altitude at which the star is lost

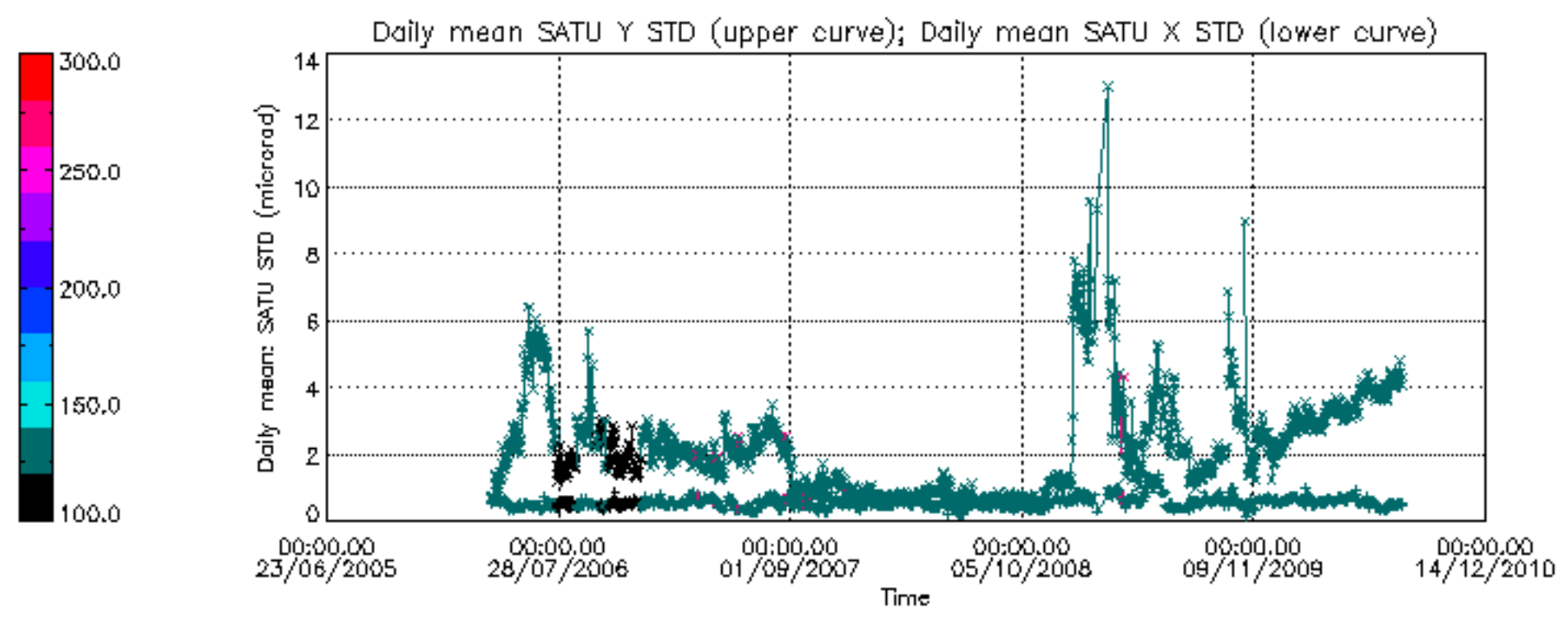


Tangent altitude at which the star is lost









/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

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_032106_000056372090_00433_43573_0357.N1

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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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
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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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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
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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
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
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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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 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

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 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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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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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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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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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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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
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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
9; 203.8; 08-JUL-2010 05:22:29; Dark ; 58.5; 84; Alp Phe ; 2.40; 4500;occ; 117; 0;43675
10; 580.9; 08-JUL-2010 05:28:46; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43675
11; 747.2; 08-JUL-2010 05:31:32; Dark ; 80.0; 18; 24Alp PsA ; 1.17; 9700;occ; 160; 0;43675
12; 875.5; 08-JUL-2010 05:33:41; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43675
13; 2188.1; 08-JUL-2010 05:55:33; Bright; 42.5; 168; 17Zet Aql ; 2.99; 11000;occ; 85; 0;43675
14; 2844.8; 08-JUL-2010 06:06:30; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43675
15; 3026.7; 08-JUL-2010 06:09:32; Bright; 57.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 115; 0;43675
16; 3277.6; 08-JUL-2010 06:13:43; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;43675
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3; 217.0; 09-JUL-2010 01:29:53; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;43687
4; 591.9; 09-JUL-2010 01:36:08; Dark ; 64.0; 63; Bet Gru ; 2.15; 2800;occ; 128; 0;43687
5; 698.6; 09-JUL-2010 01:37:55; Dark ; 53.0; 31; Alp Gru ; 1.73; 15200;occ; 106; 0;43687
6; 797.0; 09-JUL-2010 01:39:33; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43687
7; 1345.2; 09-JUL-2010 01:48:42; Dark ; 44.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 89; 0;43687
8; 1501.1; 09-JUL-2010 01:51:17; Bright; 41.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 83; 0;43687
9; 2183.6; 09-JUL-2010 02:02:40; Bright; 44.5; 168; 17Zet Aql ; 2.99; 11000;occ; 89; 0;43687
10; 2607.1; 09-JUL-2010 02:09:43; Bright; 39.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 79; 0;43687
11; 2792.4; 09-JUL-2010 02:12:49; Bright; 35.0; 69; 33Gam Dra ; 2.23; 3800;occ; 70; 0;43687

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13; 3787.8; 09-JUL-2010 02:29:24; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;43687
14; 4053.5; 09-JUL-2010 02:33:50; Bright; 40.0; 160; 23Gam Per ; 2.93; 4700;occ; 80; 0;43687
15; 4168.1; 09-JUL-2010 02:35:44; Bright; 38.5; 175; 39Del Per ; 3.01; 19400;occ; 77; 0;43687
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17; 4455.6; 09-JUL-2010 02:40:32; Dark ; 44.0; 150; 44Zet Per ; 2.89; 28000;occ; 88; 0;43687
18; 4600.8; 09-JUL-2010 02:42:57; Dark ; 43.0; 146; 25Eta Tau ; 2.87; 15200;occ; 86; 0;43687
19; 5032.8; 09-JUL-2010 02:50:09; Dark ; 52.0; 94; 92Alp Cet ; 2.53; 3100;occ; 104; 0;43687
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21; 6131.6; 09-JUL-2010 03:08:28; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;43688
22; 6254.1; 09-JUL-2010 03:10:30; Dark ; 58.5; 84; Alp Phe ; 2.40; 4500;occ; 117; 0;43688
23; 6629.1; 09-JUL-2010 03:16:45; Dark ; 65.5; 63; Bet Gru ; 2.15; 2800;occ; 131; 0;43688
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 21; 7399.2; 14-JUL-2010 09:14:31; Dark ; 46.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 92; 0;43763
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 13; 5270.6; 14-JUL-2010 10:19:38; Dark ; 46.0; 165; 34Gam Eri ; 2.95; 3200;occ; 92; 0;43763
 14; 5425.8; 14-JUL-2010 10:22:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43763
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 21; 7399.3; 14-JUL-2010 10:55:07; Dark ; 43.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 87; 0;43764
 22; 7550.0; 14-JUL-2010 10:57:38; Bright; 40.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 80; 0;43764

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13; 5271.4; 14-JUL-2010 13:40:51; Dark ; 44.5; 165; 34Gam Eri ; 2.95; 3200;occ; 89; 0;43765
14; 5427.4; 14-JUL-2010 13:43:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43765
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16; 6177.5; 14-JUL-2010 13:55:57; Dark ; 51.5; 9; Alp Eri ; 0.45; 24000;occ; 103; 0;43766
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 7; 4042.9; 14-JUL-2010 15:00:58; Bright; 41.5; 160; 23Gam Per ; 2.93; 4700;occ; 83; 0;43766
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13; 5083.5; 14-JUL-2010 15:18:19; Dark ; 55.0; 94; 92Alp Cet ; 2.53; 3100;occ; 110; 0;43766
14; 5272.4; 14-JUL-2010 15:21:28; Dark ; 45.0; 165; 34Gam Eri ; 2.95; 3200;occ; 90; 0;43766
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19; 6698.7; 14-JUL-2010 15:45:14; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;43767
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 4; -1738.9; 15-JUL-2010 06:10:36; Bright; 47.5; 79; 26Bet Per ; 2.31; 13100;occ; 95; 0;43775
 5; -1568.3; 15-JUL-2010 06:13:26; Dark ; 43.0; 150; 44Zet Per ; 2.89; 28000;occ; 86; 0;43775
 6; -1415.4; 15-JUL-2010 06:15:59; Dark ; 42.0; 146; 25Eta Tau ; 2.87; 15200;occ; 84; 0;43775
 7; -1320.8; 15-JUL-2010 06:17:34; Dark ; 40.5; 13; 87Alp Tau ; 0.87; 3800;occ; 81; 0;43775
 8; -946.1; 15-JUL-2010 06:23:49; Dark ; 56.0; 94; 92Alp Cet ; 2.53; 3100;occ; 112; 0;43775
 9; -759.3; 15-JUL-2010 06:26:55; Dark ; 45.0; 165; 34Gam Eri ; 2.95; 3200;occ; 90; 0;43775
 10; -599.6; 15-JUL-2010 06:29:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43775
 11; -221.8; 15-JUL-2010 06:35:53; Dark ; 41.0; 157; The1Eri ; 2.91; 9300;occ; 82; 0;43775
 12; 147.7; 15-JUL-2010 06:42:03; Dark ; 54.5; 9; Alp Eri ; 0.45; 24000;occ; 109; 0;43776
 13; 318.1; 15-JUL-2010 06:44:53; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;43776
 14; 669.9; 15-JUL-2010 06:50:45; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;43776
 15; 767.3; 15-JUL-2010 06:52:22; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;43776
 16; 960.0; 15-JUL-2010 06:55:35; Dark ; 50.0; 172; Gam Gru ; 3.00; 13100;occ; 100; 0;43776
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 3; 2783.7; 15-JUL-2010 07:25:59; Bright; 39.0; 69; 33Gam Dra ; 2.23; 3800;occ; 78; 0;43776
 4; 3215.6; 15-JUL-2010 07:33:10; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;43776
 5; 3744.5; 15-JUL-2010 07:41:59; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;43776
 6; 4041.4; 15-JUL-2010 07:46:56; Bright; 40.0; 160; 23Gam Per ; 2.93; 4700;occ; 80; 0;43776
 7; 4121.2; 15-JUL-2010 07:48:16; Bright; 40.0; 35; 33Alp Per ; 1.79; 6250;occ; 80; 0;43776
 8; 4296.9; 15-JUL-2010 07:51:12; Bright; 46.5; 79; 26Bet Per ; 2.31; 13100;occ; 93; 0;43776
 9; 4467.7; 15-JUL-2010 07:54:03; Dark ; 39.5; 150; 44Zet Per ; 2.89; 28000;occ; 79; 0;43776
 10; 4620.8; 15-JUL-2010 07:56:36; Dark ; 39.5; 146; 25Eta Tau ; 2.87; 15200;occ; 79; 0;43776
 11; 4715.1; 15-JUL-2010 07:58:10; Dark ; 36.5; 13; 87Alp Tau ; 0.87; 3800;occ; 73; 0;43776
 12; 5090.8; 15-JUL-2010 08:04:26; Dark ; 63.5; 94; 92Alp Cet ; 2.53; 3100;occ; 127; 0;43776
 13; 5277.1; 15-JUL-2010 08:07:32; Dark ; 47.5; 165; 34Gam Eri ; 2.95; 3200;occ; 95; 0;43776

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15; 5814.7; 15-JUL-2010 08:16:30; Dark ; 41.0; 157; The1Eri ; 2.91; 9300;occ; 82; 0;43776
16; 6183.9; 15-JUL-2010 08:22:39; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;43777
17; 6354.9; 15-JUL-2010 08:25:30; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;43777
18; 6706.6; 15-JUL-2010 08:31:21; Dark ; 62.5; 63; Bet Gru ; 2.15; 2800;occ; 125; 0;43777
19; 6804.1; 15-JUL-2010 08:32:59; Dark ; 55.5; 31; Alp Gru ; 1.73; 15200;occ; 111; 0;43777
20; 6996.6; 15-JUL-2010 08:36:11; Dark ; 52.0; 172; Gam Gru ; 3.00; 13100;occ; 104; 0;43777
21; 7402.2; 15-JUL-2010 08:42:57; Dark ; 41.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 83; 0;43777
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 3; 145.8; 15-JUL-2010 01:40:13; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;43773
 4; 314.8; 15-JUL-2010 01:43:02; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;43773
 5; 667.2; 15-JUL-2010 01:48:54; Dark ; 60.5; 63; Bet Gru ; 2.15; 2800;occ; 121; 0;43773
 6; 765.1; 15-JUL-2010 01:50:32; Dark ; 48.5; 31; Alp Gru ; 1.73; 15200;occ; 97; 0;43773
 7; 957.3; 15-JUL-2010 01:53:44; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43773
 8; 1365.5; 15-JUL-2010 02:00:32; Dark ; 41.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 83; 0;43773
 9; 1515.8; 15-JUL-2010 02:03:03; Bright; 39.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 78; 0;43773
10; 2160.8; 15-JUL-2010 02:13:48; Bright; 40.0; 168; 17Zet Aql ; 2.99; 11000;occ; 80; 0;43773
11; 2584.7; 15-JUL-2010 02:20:52; Bright; 36.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 73; 0;43773
12; 2783.9; 15-JUL-2010 02:24:11; Bright; 34.5; 69; 33Gam Dra ; 2.23; 3800;occ; 69; 0;43773
13; 3217.2; 15-JUL-2010 02:31:24; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;43773
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 5; -1568.8; 15-JUL-2010 02:52:14; Dark ; 45.5; 150; 44Zet Per ; 2.89; 28000;occ; 91; 0;43773
 6; -1416.0; 15-JUL-2010 02:54:47; Dark ; 44.0; 146; 25Eta Tau ; 2.87; 15200;occ; 88; 0;43773
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 9; -760.2; 15-JUL-2010 03:05:43; Dark ; 38.0; 165; 34Gam Eri ; 2.95; 3200;occ; 76; 0;43773
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11; 146.3; 15-JUL-2010 03:20:49; Dark ; 41.5; 9; Alp Eri ; 0.45; 24000;occ; 83; 0;43774
12; 315.9; 15-JUL-2010 03:23:39; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;43774
13; 668.5; 15-JUL-2010 03:29:31; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;43774
14; 765.6; 15-JUL-2010 03:31:08; Dark ; 51.5; 31; Alp Gru ; 1.73; 15200;occ; 103; 0;43774
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16; 1365.9; 15-JUL-2010 03:41:09; Dark ; 41.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 82; 0;43774
17; 1515.9; 15-JUL-2010 03:43:39; Bright; 40.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 81; 0;43774
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21; 3216.8; 15-JUL-2010 04:12:00; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;43774
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12; 146.9; 15-JUL-2010 05:01:26; Dark ; 51.5; 9; Alp Eri ; 0.45; 24000;occ; 103; 0;43775
13; 317.1; 15-JUL-2010 05:04:16; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;43775
14; 668.9; 15-JUL-2010 05:10:08; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;43775
15; 766.5; 15-JUL-2010 05:11:45; Dark ; 47.5; 31; Alp Gru ; 1.73; 15200;occ; 95; 0;43775
16; 959.0; 15-JUL-2010 05:14:58; Dark ; 52.5; 172; Gam Gru ; 3.00; 13100;occ; 105; 0;43775
17; 1366.0; 15-JUL-2010 05:21:45; Dark ; 49.0; 103; 38Zet Sgr ; 2.60; 9700;occ; 98; 0;43775
18; 1516.2; 15-JUL-2010 05:24:15; Bright; 40.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 80; 0;43775
19; 2160.8; 15-JUL-2010 05:35:00; Bright; 38.0; 168; 17Zet Aql ; 2.99; 11000;occ; 76; 0;43775
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21; 2783.8; 15-JUL-2010 05:45:23; Bright; 38.5; 69; 33Gam Dra ; 2.23; 3800;occ; 77; 0;43775
22; 3216.4; 15-JUL-2010 05:52:35; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;43775

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 3; 2158.8; 15-JUL-2010 20:40:21; Bright; 39.0; 168; 17Zet Aql ; 2.99; 11000;occ; 78; 0;43784
 4; 2582.8; 15-JUL-2010 20:47:25; Bright; 36.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 73; 0;43784
 5; 2778.8; 15-JUL-2010 20:50:41; Bright; 43.5; 144; 18Del Cyg ; 2.86; 11000;occ; 87; 0;43784
 6; 3210.7; 15-JUL-2010 20:57:53; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;43784
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 12; 4622.6; 15-JUL-2010 21:21:25; Dark ; 46.0; 146; 25Eta Tau ; 2.87; 15200;occ; 92; 0;43784
 13; 5096.6; 15-JUL-2010 21:29:19; Dark ; 59.0; 94; 92Alp Cet ; 2.53; 3100;occ; 118; 0;43784

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 5; 328.5; 15-JUL-2010 21:50:27; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;43785
 6; 677.3; 15-JUL-2010 21:56:16; Dark ; 63.0; 63; Bet Gru ; 2.15; 2800;occ; 126; 0;43785
 7; 774.0; 15-JUL-2010 21:57:52; Dark ; 52.5; 31; Alp Gru ; 1.73; 15200;occ; 105; 0;43785
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 13; 3210.5; 15-JUL-2010 22:38:29; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;43785
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 12; 2777.6; 16-JUL-2010 00:11:52; Bright; 41.5; 144; 18Del Cyg ; 2.86; 11000;occ; 83; 0;43786
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 21; 5282.3; 16-JUL-2010 00:53:36; Dark ; 42.0; 165; 34Gam Eri ; 2.95; 3200;occ; 84; 0;43786

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 4; 3215.1; 15-JUL-2010 09:13:46; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;43777
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3; 2700.7; 30-JUL-2010 11:14:33; Bright; 38.5; 144; 18Del Cyg ; 2.86; 11000;occ; 77; 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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 16; 5716.4; 30-JUL-2010 12:04:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43993
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 12; 5424.5; 30-JUL-2010 13:40:33; Dark ; 52.5; 165; 34Gam Eri ; 2.95; 3200;occ; 105; 0;43994
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 4; 4200.5; 30-JUL-2010 15:00:44; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;43995
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 6; 4510.7; 30-JUL-2010 15:05:55; Dark ; 55.0; 28; 12Bet Tau ; 1.65; 15200;occ; 110; 0;43995
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 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
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 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; 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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8; 4315.6; 31-JUL-2010 21:13:27; Bright; 44.0; 149; 45Eps Per ; 2.89; 30000;occ; 88; 0;44013
9; 4500.1; 31-JUL-2010 21:16:31; Dark ; 45.0; 150; 44Zet Per ; 2.89; 28000;occ; 90; 0;44013
10; 4637.7; 31-JUL-2010 21:18:49; Dark ; 40.5; 176; 23Zet Tau ; 3.02; 22000;occ; 81; 0;44013
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12; 4907.3; 31-JUL-2010 21:23:18; Dark ; 44.5; 27; 24Gam Ori ; 1.64; 26000;occ; 89; 0;44013
13; 5012.6; 31-JUL-2010 21:25:04; Dark ; 41.5; 72; 34Del Ori ; 2.25; 30000;occ; 83; 0;44013
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4; 303.3; 31-JUL-2010 21:47:10; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44014
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
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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
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