

GOMOS Daily Report 21-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	25JUL2010 04:53:07
Data source version	GOMOS/5.01
Start time of products	21JUL2010 00:12:00
Stop time of products	21JUL2010 23:54:11
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)

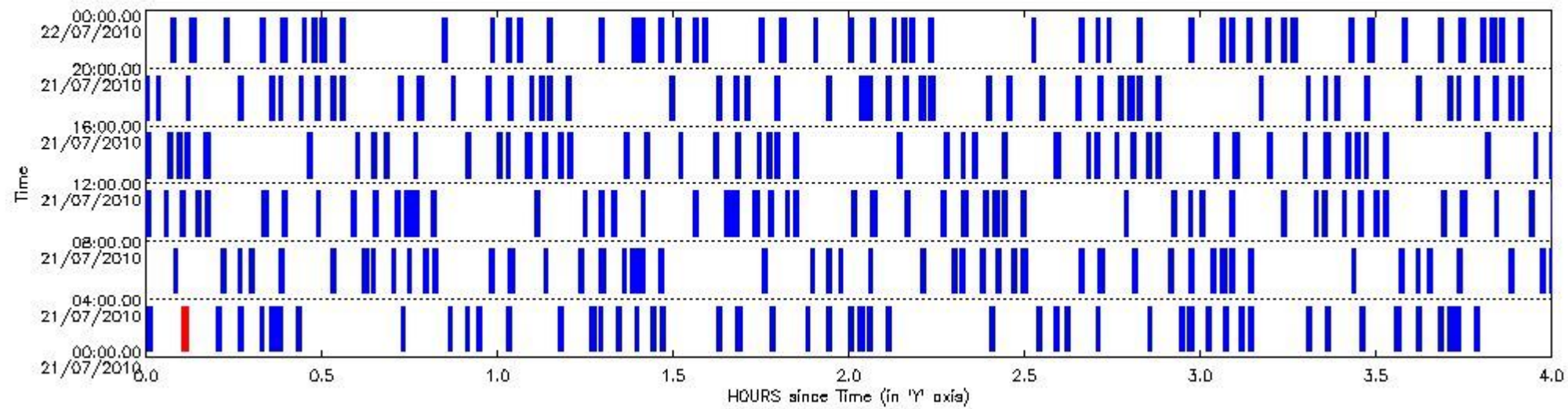
2.1 Level 0 products arrived in PCF (see template [here](#))

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)

UTC start time	Star name	Star ID	Orbit
21-JUL-2010 00:06:06	The1Eri	157	43857

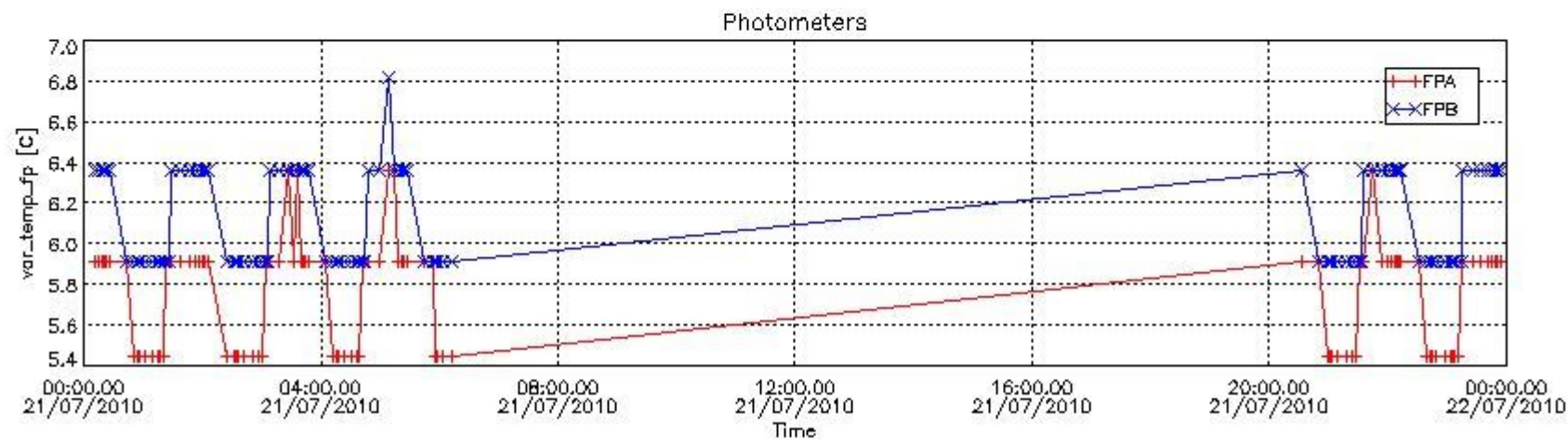
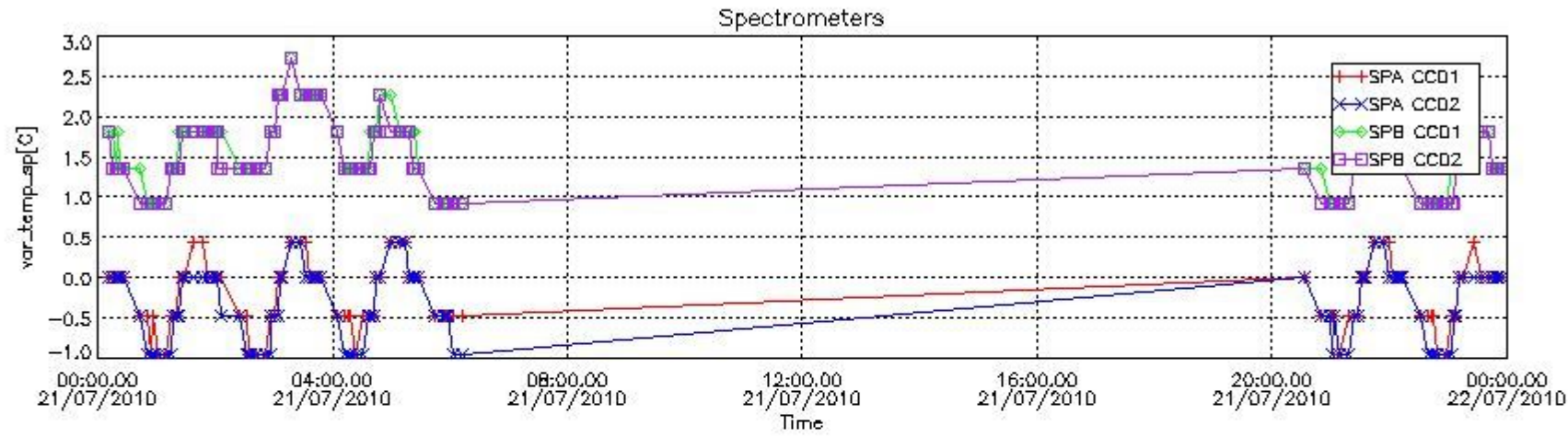
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100721_001200_000000472091_00217_43858_8317.N1	21-JUL-2010 00:12:00	Dark	46.500	9	Alp Eri	0.45300	24000.	93	43858	No
2	GOM_TRA_1PNPDE20100721_001533_000000512091_00217_43858_8318.N1	21-JUL-2010 00:15:33	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43858	No
3	GOM_TRA_1PNPDE20100721_001923_000000422091_00217_43858_8319.N1	21-JUL-2010 00:19:23	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43858	No
4	GOM_TRA_1PNPDE20100721_002057_000000642091_00217_43858_8320.N1	21-JUL-2010 00:20:57	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	43858	No
5	GOM_TRA_1PNPDE20100721_002226_000000462091_00217_43858_8321.N1	21-JUL-2010 00:22:26	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	43858	No
6	GOM_TRA_1PNPDE20100721_002539_000000512091_00217_43858_8322.N1	21-JUL-2010 00:25:39	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	43858	No
7	GOM_TRA_1PNPDE20100721_004325_000000452091_00217_43858_8323.N1	21-JUL-2010 00:43:25	Bright	45.000	11	53Alp Aql	0.76500	8000.0	90	43858	No
8	GOM_TRA_1PNPDE20100721_005133_000000362091_00217_43858_8324.N1	21-JUL-2010 00:51:33	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	43858	No
9	GOM_TRA_1PNPDE20100721_005426_000000392091_00217_43858_8325.N1	21-JUL-2010 00:54:26	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43858	No
10	GOM_TRA_1PNPDE20100721_005623_000000502091_00217_43858_8326.N1	21-JUL-2010 00:56:23	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43858	No

11	GOM_TRA_1PNPDE20100721_010130_000000442091_00217_43858_8327.N1	21-JUL-2010 01:01:30	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43858	No
12	GOM_TRA_1PNPDE20100721_011021_000000492091_00217_43858_8328.N1	21-JUL-2010 01:10:21	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43858	No
13	GOM_TRA_1PNPDE20100721_011547_000000622091_00217_43858_8329.N1	21-JUL-2010 01:15:47	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	43858	No
14	GOM_TRA_1PNPDE20100721_011713_000000452091_00217_43858_8330.N1	21-JUL-2010 01:17:13	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43858	No
15	GOM_TRA_1PNPDE20100721_012014_000000502091_00217_43858_8331.N1	21-JUL-2010 01:20:14	Bright	50.000	79	26Bet Per	2.3100	13100.	100	43858	No
16	GOM_TRA_1PNPDE20100721_012320_000000482091_00217_43858_8332.N1	21-JUL-2010 01:23:20	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43858	No
17	GOM_TRA_1PNPDE20100721_012603_000000472091_00217_43858_8333.N1	21-JUL-2010 01:26:03	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	43858	No
18	GOM_TRA_1PNPDE20100721_012738_000000522091_00217_43858_8334.N1	21-JUL-2010 01:27:38	Twilight	51.500	13	87Alp Tau	0.86700	3800.0	103	43858	No
19	GOM_TRA_1PNPDE20100721_013724_000000492091_00217_43858_8332.N1	21-JUL-2010 01:37:24	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43858	No
20	GOM_TRA_1PNPDE20100721_014634_000000422091_00217_43858_8333.N1	21-JUL-2010 01:46:34	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43858	No
21	GOM_TRA_1PNPDE20100721_015237_000000422091_00218_43859_8334.N1	21-JUL-2010 01:52:37	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43859	No
22	GOM_TRA_1PNPDE20100721_015610_000000522091_00218_43859_8335.N1	21-JUL-2010 01:56:10	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	43859	No
23	GOM_TRA_1PNPDE20100721_020000_000000502091_00218_43859_8336.N1	21-JUL-2010 02:00:00	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	43859	No
24	GOM_TRA_1PNPDE20100721_020134_000000662091_00218_43859_8337.N1	21-JUL-2010 02:01:34	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	43859	No
25	GOM_TRA_1PNPDE20100721_020302_000000482091_00218_43859_8338.N1	21-JUL-2010 02:03:02	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43859	No
26	GOM_TRA_1PNPDE20100721_020616_000000512091_00218_43859_8339.N1	21-JUL-2010 02:06:16	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	43859	No
27	GOM_TRA_1PNPDE20100721_022401_000000432091_00218_43859_8340.N1	21-JUL-2010 02:24:01	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43859	No
28	GOM_TRA_1PNPDE20100721_023209_000000412091_00218_43859_8341.N1	21-JUL-2010 02:32:09	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43859	No
29	GOM_TRA_1PNPDE20100721_023501_000000402091_00218_43859_8342.N1	21-JUL-2010 02:35:01	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43859	No
30	GOM_TRA_1PNPDE20100721_023659_000000442091_00218_43859_8343.N1	21-JUL-2010 02:36:59	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	43859	No
31	GOM_TRA_1PNPDE20100721_024206_000000442091_00218_43859_8344.N1	21-JUL-2010 02:42:06	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43859	No
32	GOM_TRA_1PNPDE20100721_025056_000000492091_00218_43859_8360.N1	21-JUL-2010 02:50:56	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43859	No
33	GOM_TRA_1PNPDE20100721_025623_000000452091_00218_43859_8361.N1	21-JUL-2010 02:56:23	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43859	No
34	GOM_TRA_1PNPDE20100721_025749_000000622091_00218_43859_8362.N1	21-JUL-2010 02:57:49	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	43859	No
35	GOM_TRA_1PNPDE20100721_030051_000000492091_00218_43859_8363.N1	21-JUL-2010 03:00:51	Bright	49.000	79	26Bet Per	2.3100	13100.	98	43859	No
36	GOM_TRA_1PNPDE20100721_030356_000000472091_00218_43859_8364.N1	21-JUL-2010 03:03:56	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43859	No
37	GOM_TRA_1PNPDE20100721_030639_000000492091_00218_43859_8365.N1	21-JUL-2010 03:06:39	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	43859	No
38	GOM_TRA_1PNPDE20100721_030814_000000472091_00218_43859_8366.N1	21-JUL-2010 03:08:14	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	43859	No
39	GOM_TRA_1PNPDE20100721_031801_000000482091_00218_43859_8367.N1	21-JUL-2010 03:18:01	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43859	No
40	GOM_TRA_1PNPDE20100721_032711_000000442091_00218_43859_8368.N1	21-JUL-2010 03:27:11	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43859	No
41	GOM_TRA_1PNPDE20100721_033314_000000542091_00219_43860_8369.N1	21-JUL-2010 03:33:14	Dark	54.000	9	Alp Eri	0.45300	24000.	108	43860	No
42	GOM_TRA_1PNPDE20100721_033648_000000562091_00219_43860_8370.N1	21-JUL-2010 03:36:48	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	43860	No
43	GOM_TRA_1PNPDE20100721_034036_000000432091_00219_43860_8371.N1	21-JUL-2010 03:40:36	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43860	No
44	GOM_TRA_1PNPDE20100721_034211_000000622091_00219_43860_8372.N1	21-JUL-2010 03:42:11	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	43860	No
45	GOM_TRA_1PNPDE20100721_034339_000000492091_00219_43860_8373.N1	21-JUL-2010 03:43:39	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43860	No
46	GOM_TRA_1PNPDE20100721_034652_000000492091_00219_43860_8374.N1	21-JUL-2010 03:46:52	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43860	No
47	GOM_TRA_1PNPDE20100721_040437_000000432091_00219_43860_8375.N1	21-JUL-2010 04:04:37	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	43860	No
48	GOM_TRA_1PNPDE20100721_041245_000000412091_00219_43860_8376.N1	21-JUL-2010 04:12:45	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43860	No
49	GOM_TRA_1PNPDE20100721_041537_000000392091_00219_43860_8377.N1	21-JUL-2010 04:15:37	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43860	No
50	GOM_TRA_1PNPDE20100721_041734_000000482091_00219_43860_8378.N1	21-JUL-2010 04:17:34	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	43860	No
51	GOM_TRA_1PNPDE20100721_042241_000000392091_00219_43860_8379.N1	21-JUL-2010 04:22:41	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	43860	No
52	GOM_TRA_1PNPDE20100721_043131_000000512091_00219_43860_8396.N1	21-JUL-2010 04:31:31	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	43860	No
53	GOM_TRA_1PNPDE20100721_043658_000000622091_00219_43860_8397.N1	21-JUL-2010 04:36:58	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	43860	No
54	GOM_TRA_1PNPDE20100721_043825_000000442091_00219_43860_8398.N1	21-JUL-2010 04:38:25	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43860	No
55	GOM_TRA_1PNPDE20100721_044149_000000412091_00219_43860_8399.N1	21-JUL-2010 04:41:49	Bright	41.000	149	45Eps Per	2.8880	30000.	82	43860	No
56	GOM_TRA_1PNPDE20100721_044432_000000462091_00219_43860_8400.N1	21-JUL-2010 04:44:32	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	43860	No
57	GOM_TRA_1PNPDE20100721_044715_000000462091_00219_43860_8401.N1	21-JUL-2010 04:47:15	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	43860	No
58	GOM_TRA_1PNPDE20100721_044850_000000522091_00219_43860_8402.N1	21-JUL-2010 04:48:50	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	43860	No
59	GOM_TRA_1PNPDE20100721_045837_000000482091_00219_43860_8403.N1	21-JUL-2010 04:58:37	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43860	No
60	GOM_TRA_1PNPDE20100721_050748_000000452091_00219_43860_8404.N1	21-JUL-2010 05:07:48	Dark	44.500	157	The1Eri	2.9060	9300.0	89	43860	No
61	GOM_TRA_1PNPDE20100721_051350_000000422091_00220_43861_8405.N1	21-JUL-2010 05:13:50	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43861	No
62	GOM_TRA_1PNPDE20100721_051725_000000612091_00220_43861_8406.N1	21-JUL-2010 05:17:25	Dark	60.500	84	Alp Phe	2.3970	4500.0	121	43861	No
63	GOM_TRA_1PNPDE20100721_052113_000000392091_00220_43861_8407.N1	21-JUL-2010 05:21:13	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	43861	No
64	GOM_TRA_1PNPDE20100721_052248_000000652091_00220_43861_8408.N1	21-JUL-2010 05:22:48	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	43861	No
65	GOM_TRA_1PNPDE20100721_052415_000000472091_00220_43861_8409.N1	21-JUL-2010 05:24:15	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43861	No
66	GOM_TRA_1PNPDE20100721_052729_000000482091_00220_43861_8410.N1	21-JUL-2010 05:27:29	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	43861	No
67	GOM_TRA_1PNPDE20100721_054513_000000422091_00220_43861_8411.N1	21-JUL-2010 05:45:13	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43861	No
68	GOM_TRA_1PNPDE20100721_055321_000000412091_00220_43861_8412.N1	21-JUL-2010 05:53:21	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43861	No
69	GOM_TRA_1PNPDE20100721_055612_000000422091_00220_43861_8413.N1	21-JUL-2010 05:56:12	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43861	No

70	GOM_TRA_1PNPDE20100721_055810_000000482091_00220_43861_8414.N1	21-JUL-2010 05:58:10	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	43861	No
71	GOM_TRA_1PNPDE20100721_060317_000000422091_00220_43861_8415.N1	21-JUL-2010 06:03:17	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43861	No
72	GOM_TRA_1PNPDE20100721_061207_000000262091_00220_43861_8416.N1	21-JUL-2010 06:12:07	Twilight	25.500	76	27Gam Cas	2.3000	30000.	51	43861	No
73	GOM_TRA_1PNPDE20100721_203258_000000492091_00229_43870_8535.N1	21-JUL-2010 20:32:58	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43870	No
74	GOM_TRA_1PNPDE20100721_205034_000000422091_00229_43870_8536.N1	21-JUL-2010 20:50:34	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43870	No
75	GOM_TRA_1PNPDE20100721_205844_000000352091_00229_43870_8537.N1	21-JUL-2010 20:58:44	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	43870	No
76	GOM_TRA_1PNPDE20100721_210132_000000422091_00229_43870_8538.N1	21-JUL-2010 21:01:32	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43870	No
77	GOM_TRA_1PNPDE20100721_210326_000000482091_00229_43870_8539.N1	21-JUL-2010 21:03:26	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	43870	No
78	GOM_TRA_1PNPDE20100721_210835_000000442091_00229_43870_8540.N1	21-JUL-2010 21:08:35	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43870	No
79	GOM_TRA_1PNPDE20100721_211725_000000502091_00229_43870_8541.N1	21-JUL-2010 21:17:25	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43870	No
80	GOM_TRA_1PNPDE20100721_212256_000000632091_00229_43870_8542.N1	21-JUL-2010 21:22:56	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	43870	No
81	GOM_TRA_1PNPDE20100721_212422_000000462091_00229_43870_8543.N1	21-JUL-2010 21:24:22	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	43870	No
82	GOM_TRA_1PNPDE20100721_212725_000000532091_00229_43870_8544.N1	21-JUL-2010 21:27:25	Bright	53.000	79	26Bet Per	2.3100	13100.	106	43870	No
83	GOM_TRA_1PNPDE20100721_213033_000000482091_00229_43870_8545.N1	21-JUL-2010 21:30:33	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43870	No
84	GOM_TRA_1PNPDE20100721_213317_000000502091_00229_43870_8546.N1	21-JUL-2010 21:33:17	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	43870	No
85	GOM_TRA_1PNPDE20100721_213453_000000492091_00229_43870_8547.N1	21-JUL-2010 21:34:53	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	43870	No
86	GOM_TRA_1PNPDE20100721_214443_000000442091_00229_43870_8556.N1	21-JUL-2010 21:44:43	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	43870	No
87	GOM_TRA_1PNPDE20100721_215355_000000442091_00229_43870_8557.N1	21-JUL-2010 21:53:55	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43870	No
88	GOM_TRA_1PNPDE20100721_215956_000000452091_00230_43871_8558.N1	21-JUL-2010 21:59:56	Dark	45.000	9	Alp Eri	0.45300	24000.	90	43871	No
89	GOM_TRA_1PNPDE20100721_220335_000000542091_00230_43871_8559.N1	21-JUL-2010 22:03:35	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	43871	No
90	GOM_TRA_1PNPDE20100721_220717_000000422091_00230_43871_8560.N1	21-JUL-2010 22:07:17	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43871	No
91	GOM_TRA_1PNPDE20100721_220854_000000622091_00230_43871_8561.N1	21-JUL-2010 22:08:54	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	43871	No
92	GOM_TRA_1PNPDE20100721_221022_000000472091_00230_43871_8562.N1	21-JUL-2010 22:10:22	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43871	No
93	GOM_TRA_1PNPDE20100721_221334_000000482091_00230_43871_8563.N1	21-JUL-2010 22:13:34	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	43871	No
94	GOM_TRA_1PNPDE20100721_223109_000000442091_00230_43871_8564.N1	21-JUL-2010 22:31:09	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	43871	No
95	GOM_TRA_1PNPDE20100721_223919_000000392091_00230_43871_8565.N1	21-JUL-2010 22:39:19	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	43871	No
96	GOM_TRA_1PNPDE20100721_224208_000000392091_00230_43871_8566.N1	21-JUL-2010 22:42:08	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43871	No
97	GOM_TRA_1PNPDE20100721_224402_000000432091_00230_43871_8567.N1	21-JUL-2010 22:44:02	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	43871	No
98	GOM_TRA_1PNPDE20100721_224910_000000432091_00230_43871_8568.N1	21-JUL-2010 22:49:10	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43871	No
99	GOM_TRA_1PNPDE20100721_225800_000000502091_00230_43871_8569.N1	21-JUL-2010 22:58:00	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43871	No
100	GOM_TRA_1PNPDE20100721_230331_000000462091_00230_43871_8570.N1	21-JUL-2010 23:03:31	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	43871	No
101	GOM_TRA_1PNPDE20100721_230458_000000452091_00230_43871_8571.N1	21-JUL-2010 23:04:58	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43871	No
102	GOM_TRA_1PNPDE20100721_230801_000000502091_00230_43871_8572.N1	21-JUL-2010 23:08:01	Bright	50.000	79	26Bet Per	2.3100	13100.	100	43871	No
103	GOM_TRA_1PNPDE20100721_231109_000000462091_00230_43871_8573.N1	21-JUL-2010 23:11:09	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	43871	No
104	GOM_TRA_1PNPDE20100721_231353_000000492091_00230_43871_8574.N1	21-JUL-2010 23:13:53	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	43871	No
105	GOM_TRA_1PNPDE20100721_231528_000000552091_00230_43871_8575.N1	21-JUL-2010 23:15:28	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	43871	No
106	GOM_TRA_1PNPDE20100721_232519_000000482091_00230_43871_8577.N1	21-JUL-2010 23:25:19	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43871	No
107	GOM_TRA_1PNPDE20100721_233432_000000412091_00230_43871_8578.N1	21-JUL-2010 23:34:32	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43871	No
108	GOM_TRA_1PNPDE20100721_234033_000000462091_00231_43872_8579.N1	21-JUL-2010 23:40:33	Dark	46.000	9	Alp Eri	0.45300	24000.	92	43872	No
109	GOM_TRA_1PNPDE20100721_234413_000000562091_00231_43872_8580.N1	21-JUL-2010 23:44:13	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	43872	No
110	GOM_TRA_1PNPDE20100721_234754_000000412091_00231_43872_8581.N1	21-JUL-2010 23:47:54	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43872	No
111	GOM_TRA_1PNPDE20100721_234931_000000602091_00231_43872_8582.N1	21-JUL-2010 23:49:31	Straylight	60.000	63	Bet Gru	2.1500	2800.0	120	43872	No
112	GOM_TRA_1PNPDE20100721_235058_000000552091_00231_43872_8583.N1	21-JUL-2010 23:50:58	Straylight	54.500	31	Alp Gru	1.7340	15200.	109	43872	No
113	GOM_TRA_1PNPDE20100721_235411_000000512091_00231_43872_8584.N1	21-JUL-2010 23:54:11	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	43872	No

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



4. Overview of dark signal processing per product

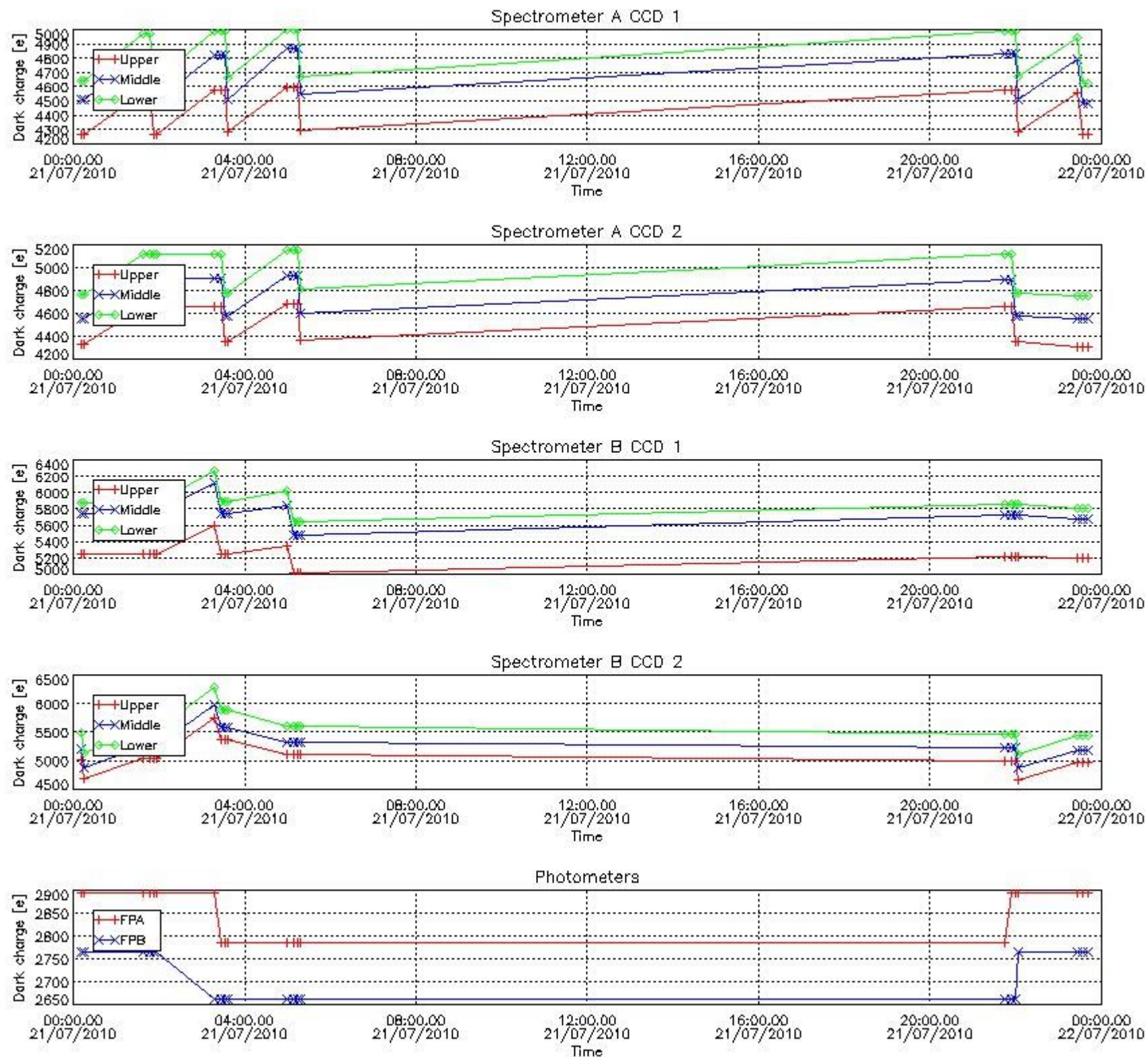
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100721_203258_000000492091_00229_43870_8535.N1	DC map used
GOM_TRA_1PNPDE20100721_205034_000000422091_00229_43870_8536.N1	DC map used
GOM_TRA_1PNPDE20100721_205844_000000352091_00229_43870_8537.N1	DC map used
GOM_TRA_1PNPDE20100721_210132_000000422091_00229_43870_8538.N1	DC map used
GOM_TRA_1PNPDE20100721_210326_000000482091_00229_43870_8539.N1	DC map used
GOM_TRA_1PNPDE20100721_210835_000000442091_00229_43870_8540.N1	DC map used
GOM_TRA_1PNPDE20100721_211725_000000502091_00229_43870_8541.N1	DC map used
GOM_TRA_1PNPDE20100721_212256_000000632091_00229_43870_8542.N1	DC map used
GOM_TRA_1PNPDE20100721_212422_000000462091_00229_43870_8543.N1	DC map used
GOM_TRA_1PNPDE20100721_212725_000000532091_00229_43870_8544.N1	DC map used
GOM_TRA_1PNPDE20100721_213033_000000482091_00229_43870_8545.N1	DC map used
GOM_TRA_1PNPDE20100721_213317_000000502091_00229_43870_8546.N1	DC map used
GOM_TRA_1PNPDE20100721_213453_000000492091_00229_43870_8547.N1	DC map used

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



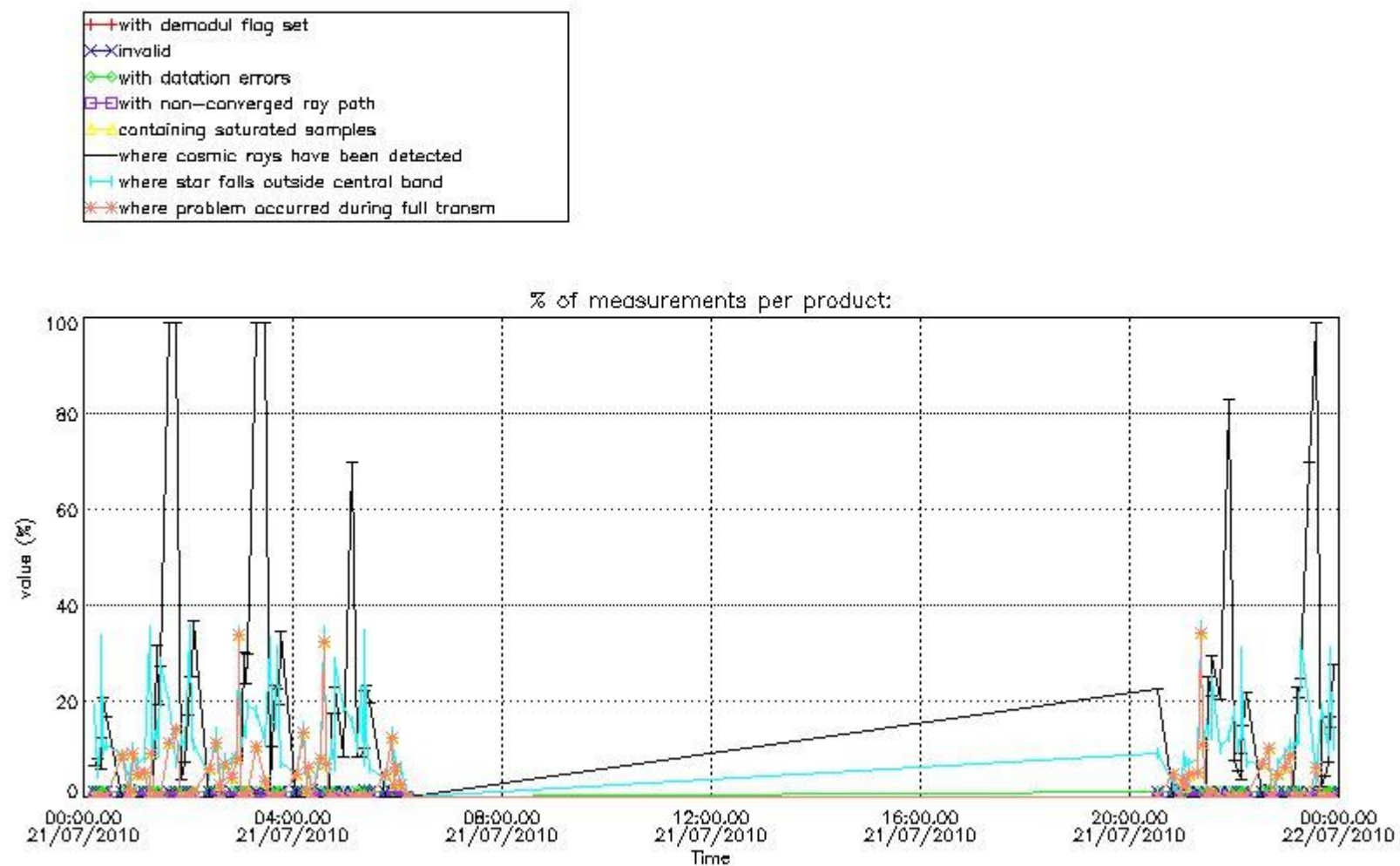
5. Demodulation flag and quality information monitoring

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.

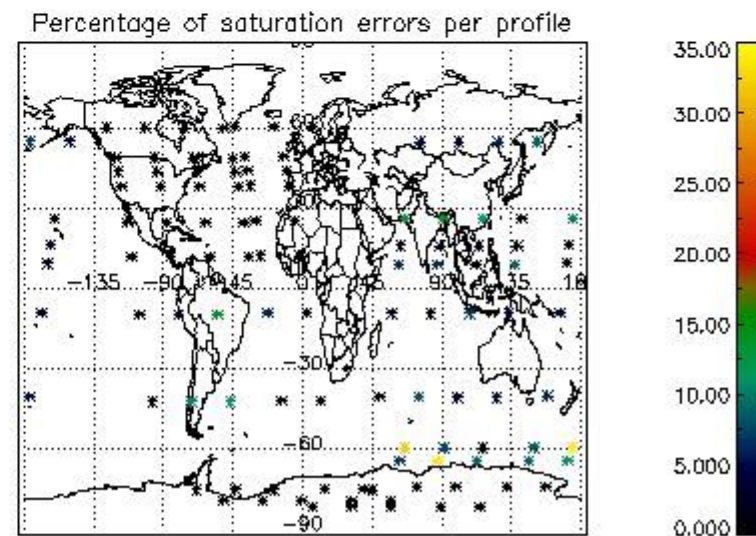
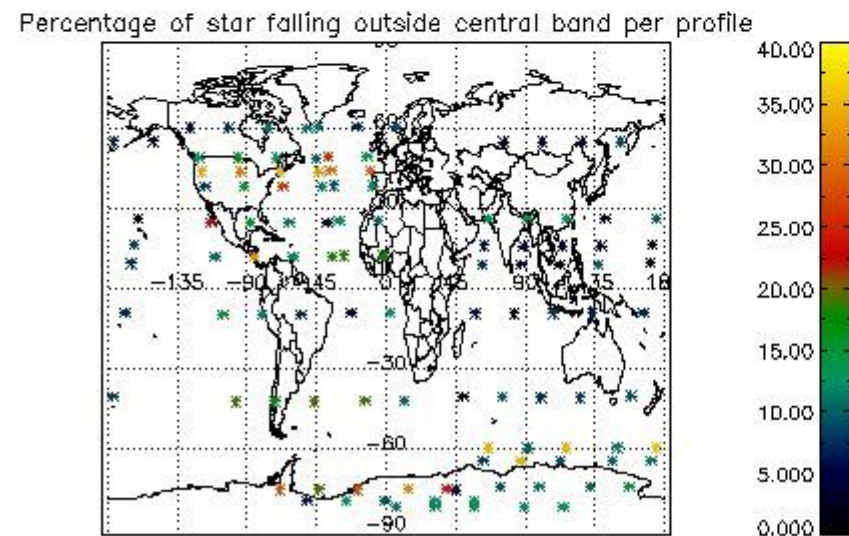
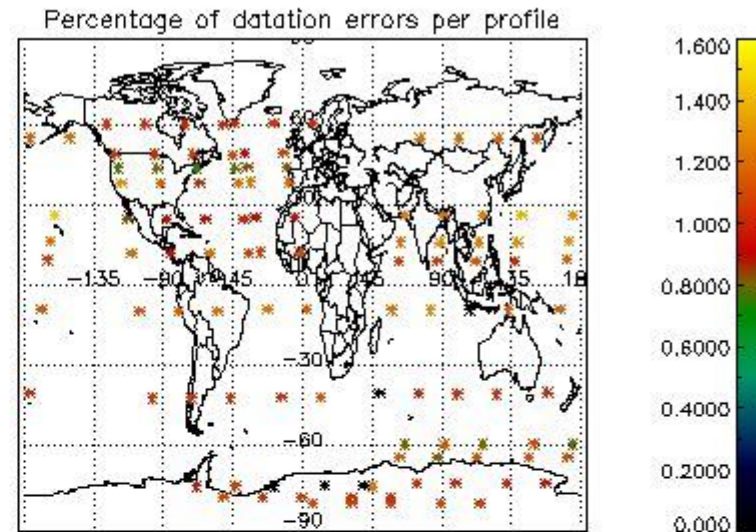
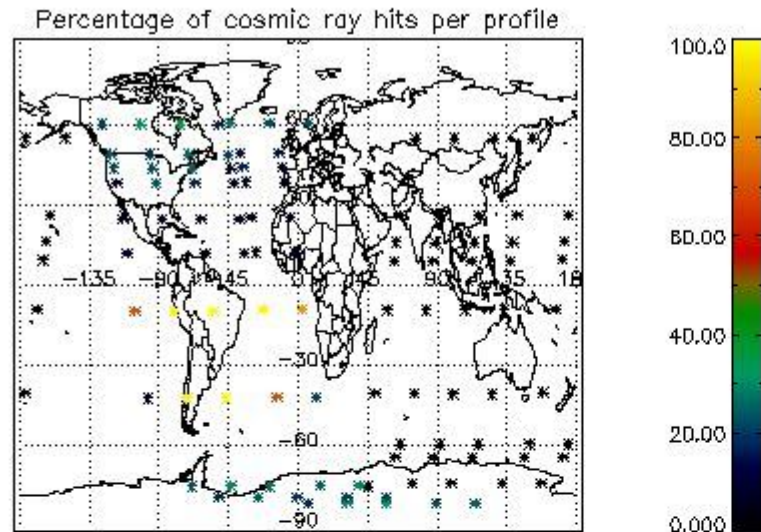
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	46.9027 %
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)



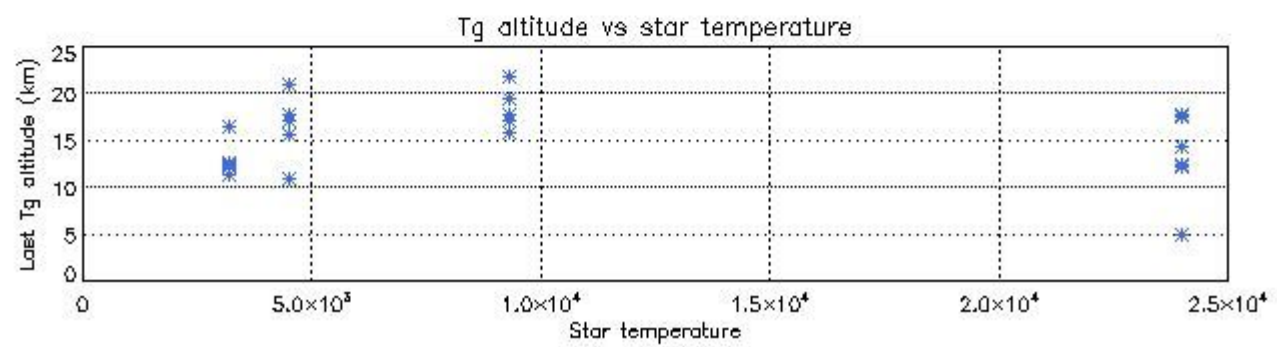
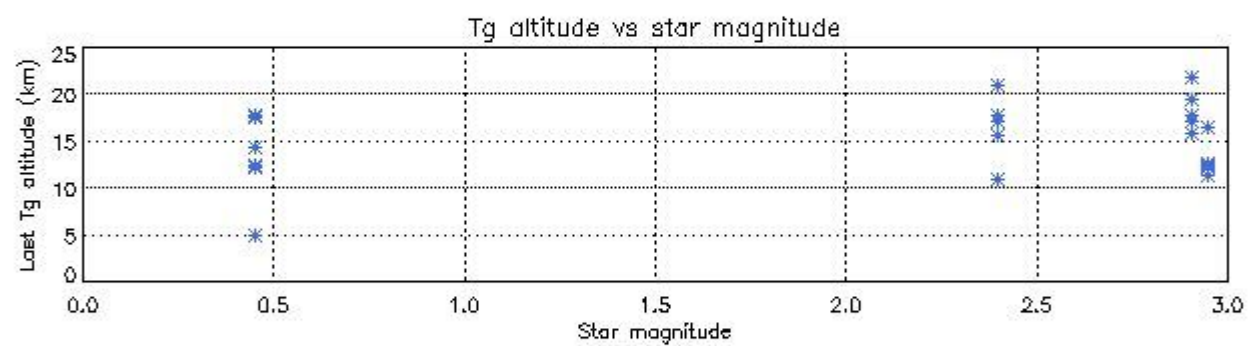
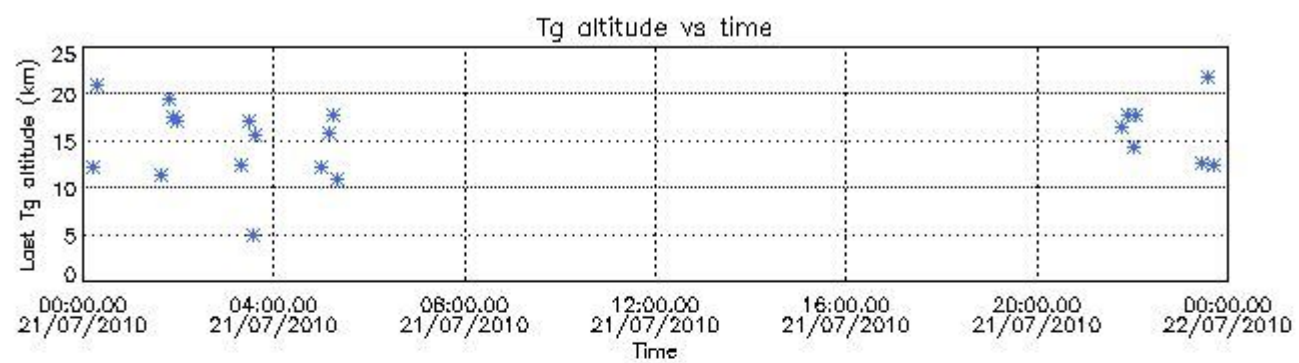
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.153	19.124	12.039
St. deviation:	3.9428	5.3360	4.3846
Maximum:	21.853	29.467	18.619
Minimum:	4.8560	4.3206	5.7987
Number of data:	21.000	50.000	10.000

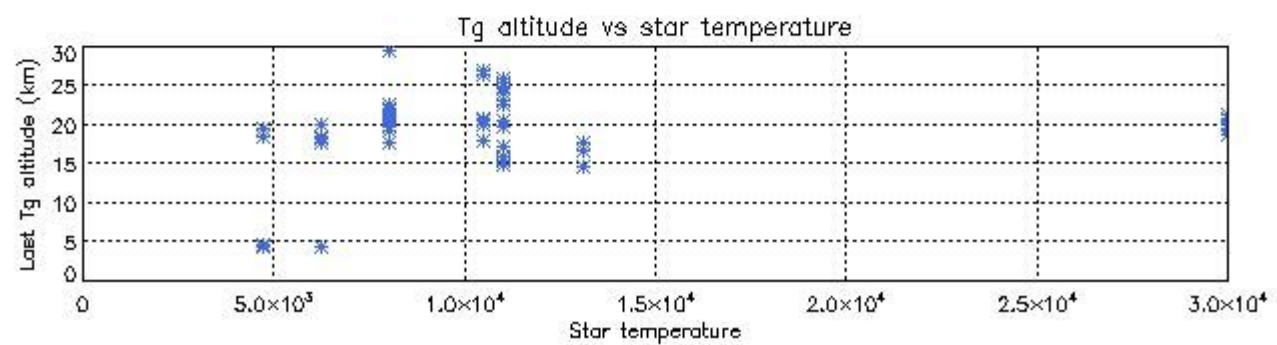
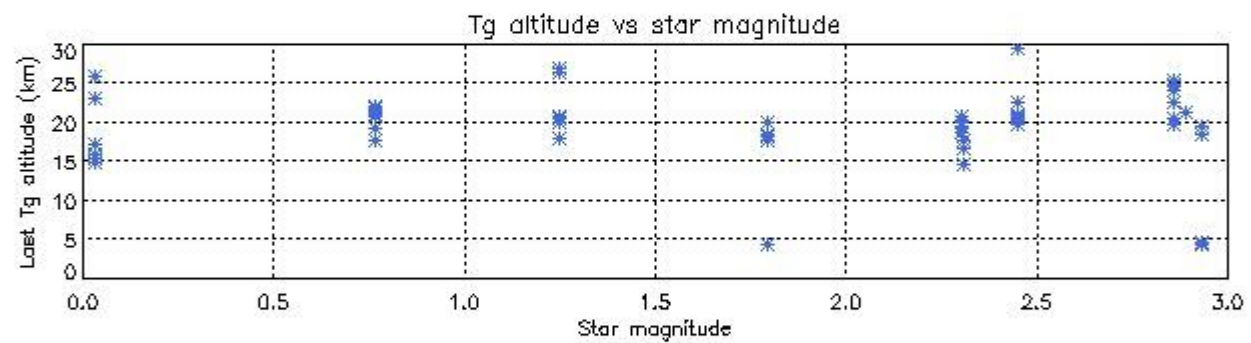
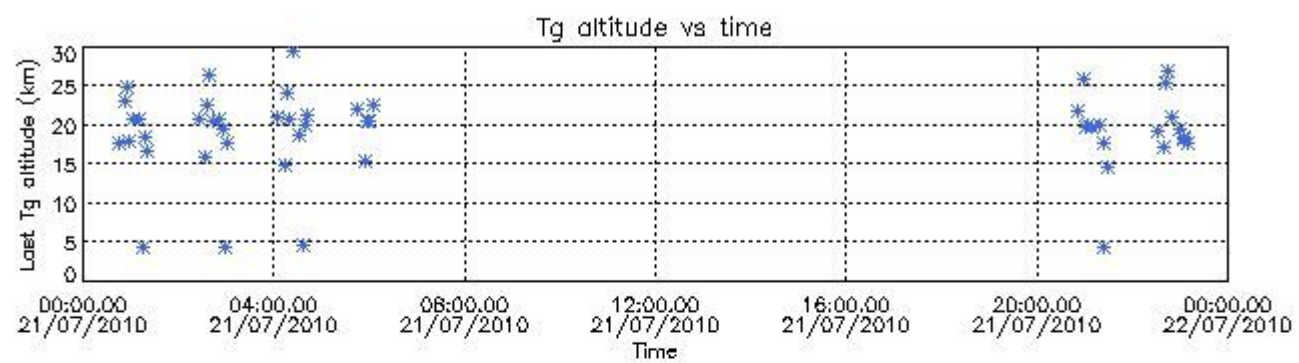
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



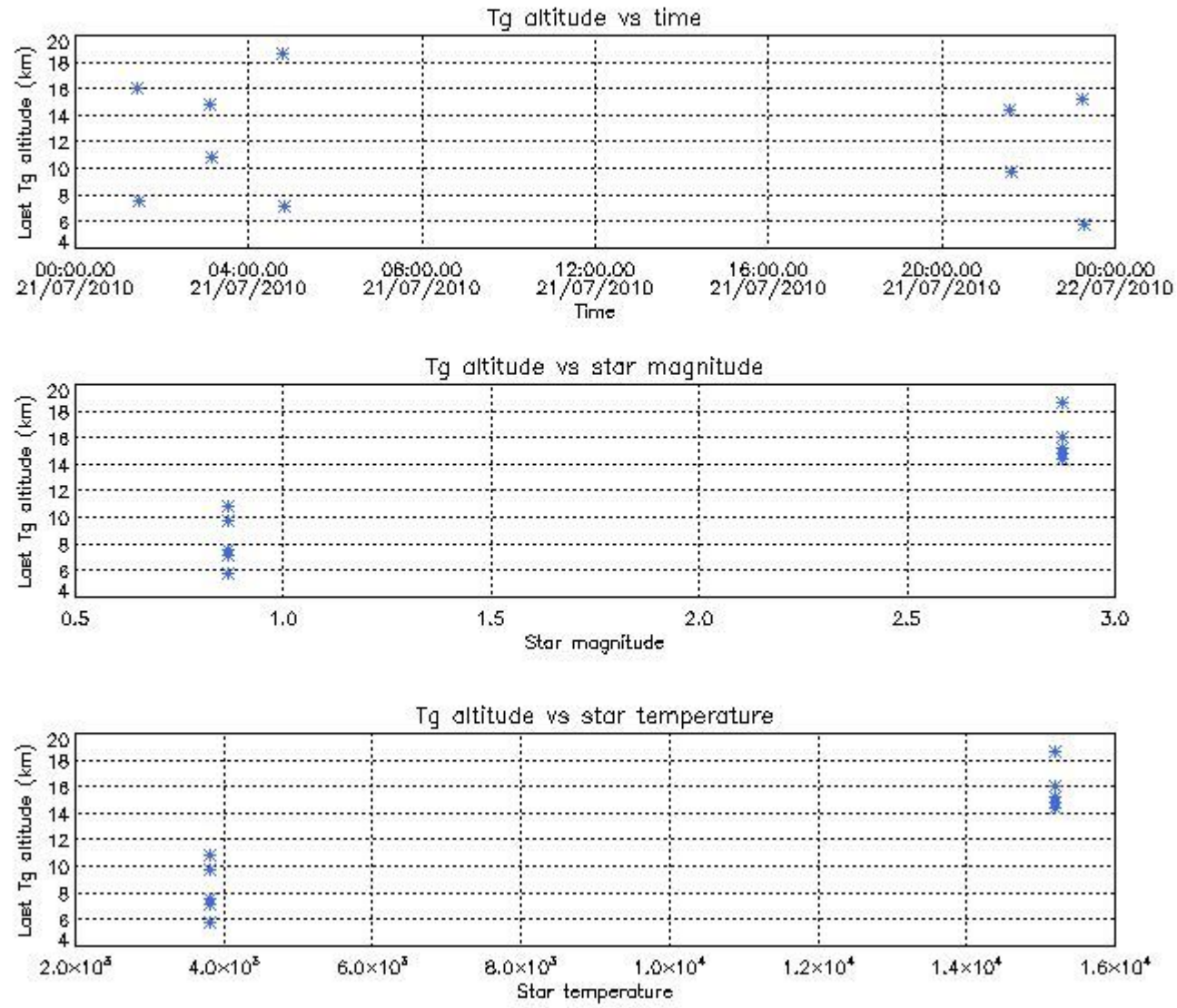
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

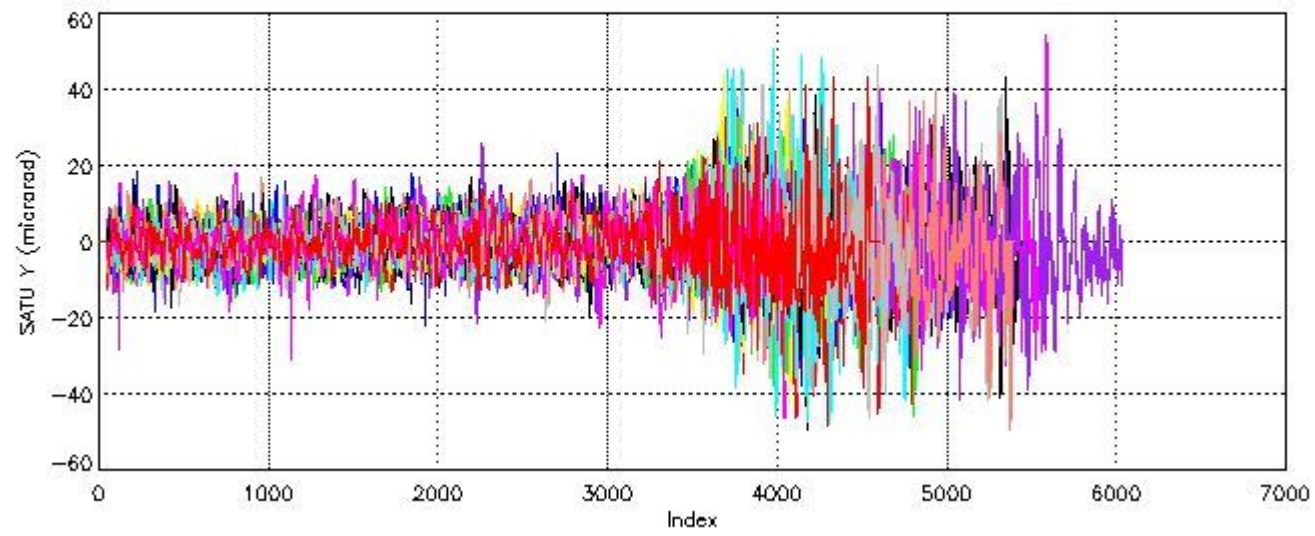
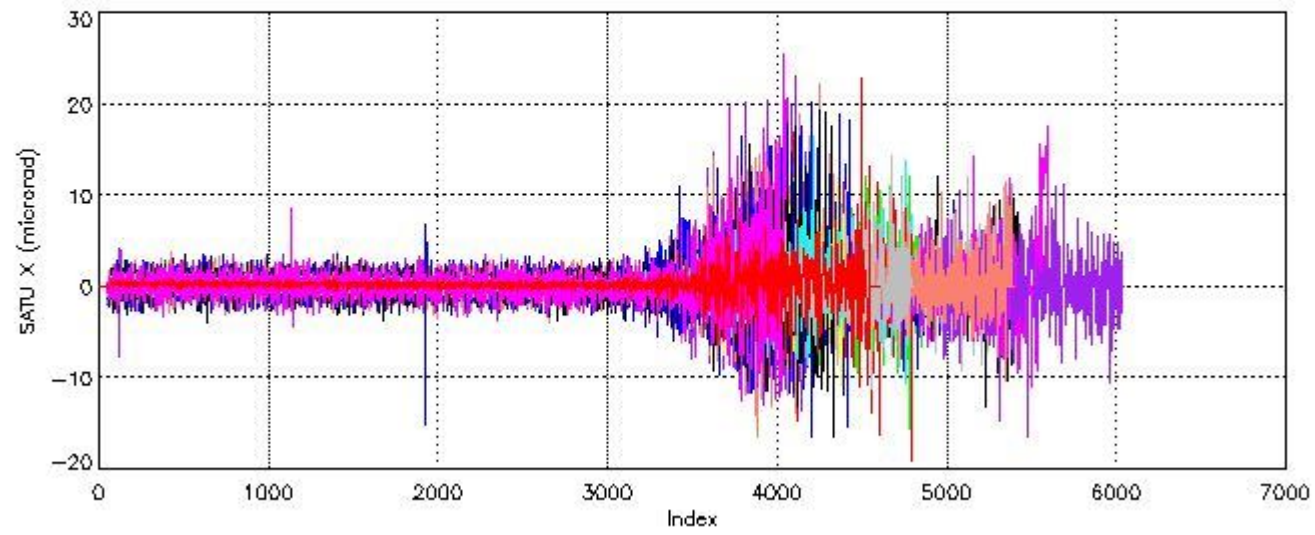


7. Star Acquisition and Tracking Unit (SATU)

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:	0.15187	-0.84763	0.22691	-0.51683
St. deviation:	0.52436	4.3899	0.73309	4.1454
Maximum:	4.1000	18.500	7.3000	15.800
Minimum:	-7.7000	-28.500	-6.2000	-17.800

Number of data:	22000.	22000.	52350.	52350.
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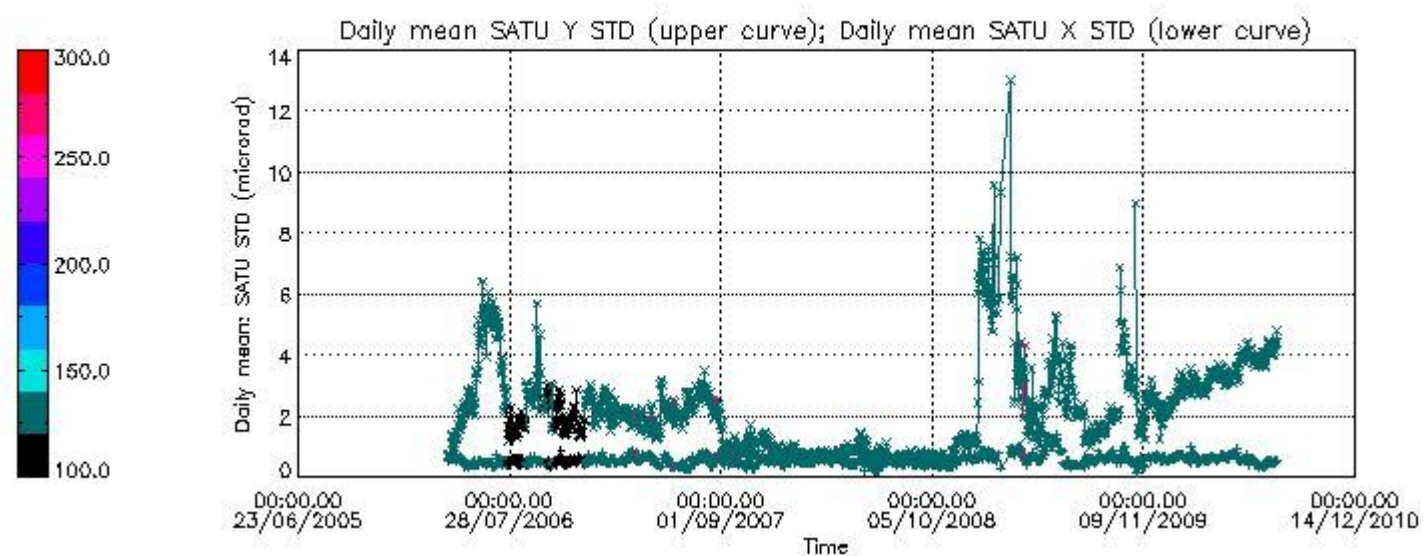
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

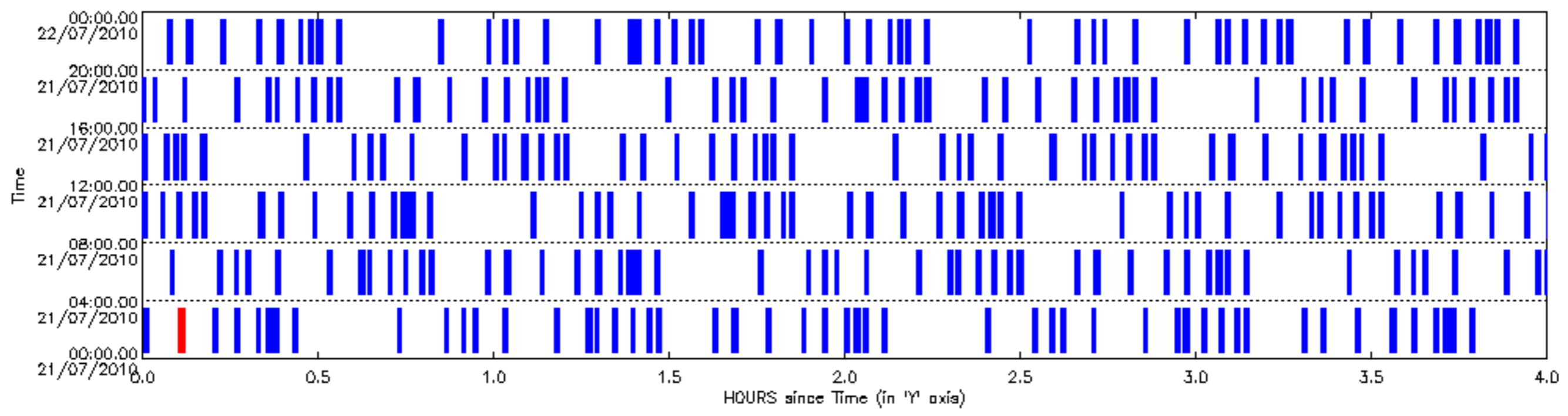
Lower curve: STD of SATU X axis

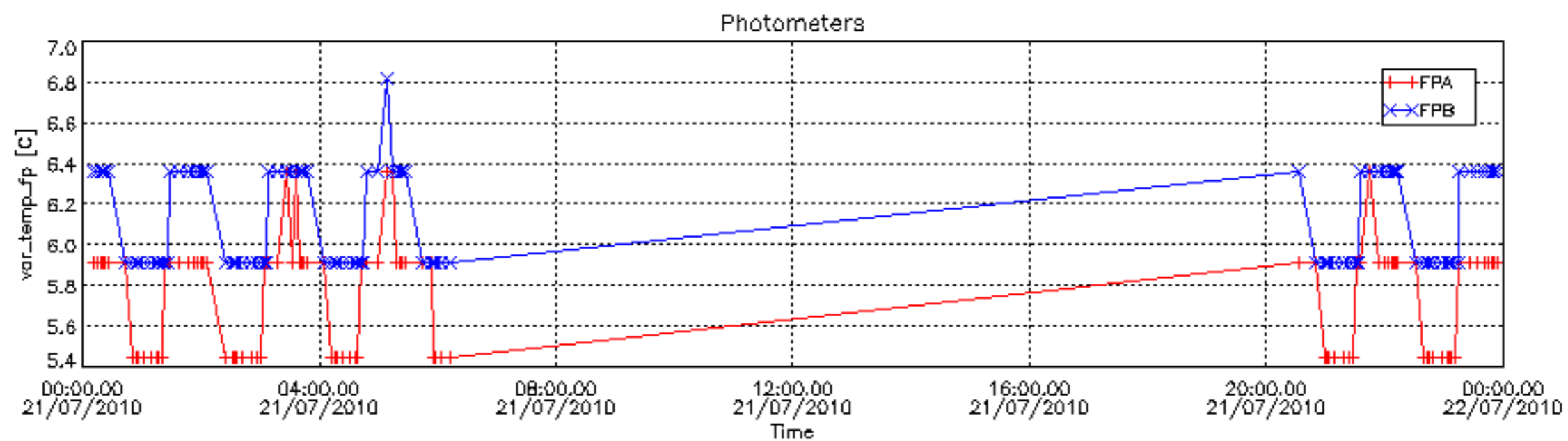
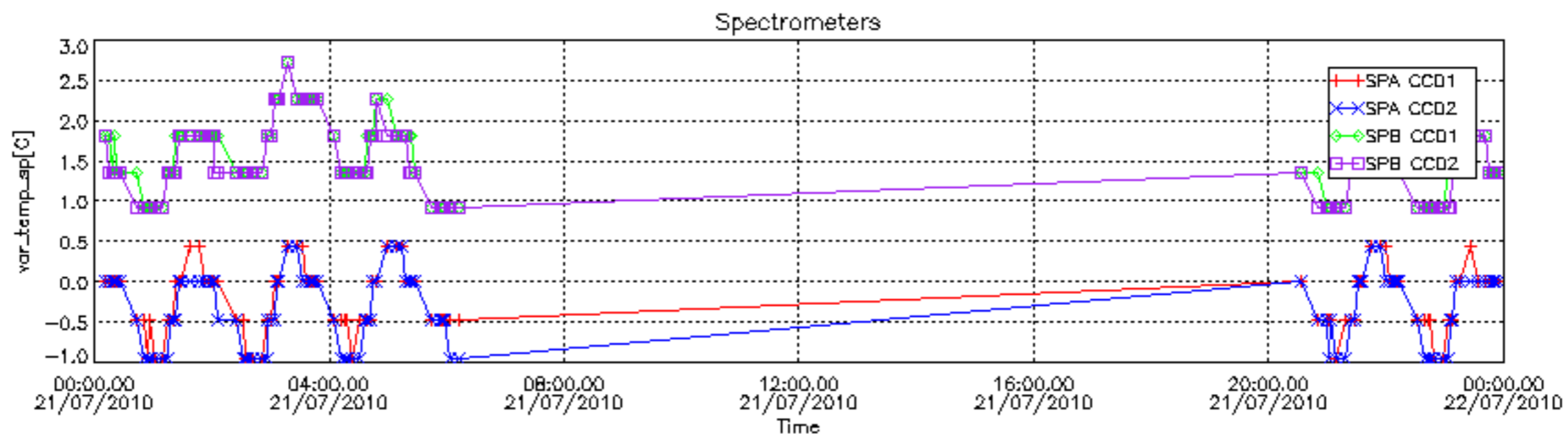


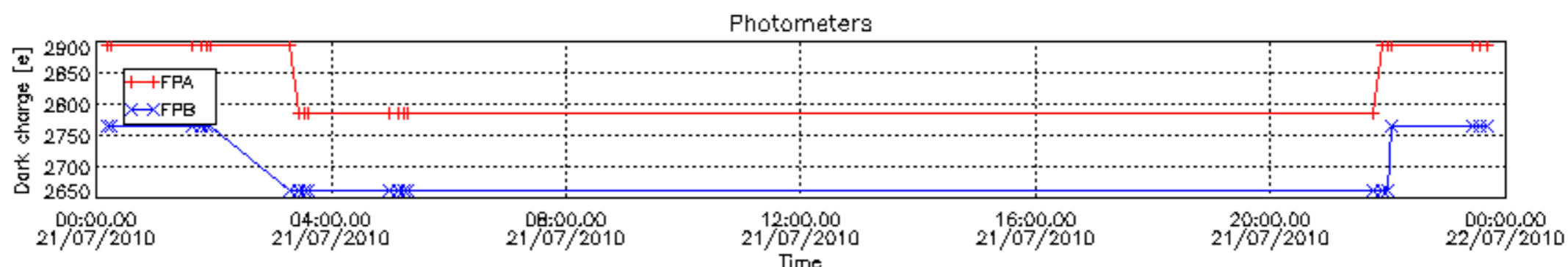
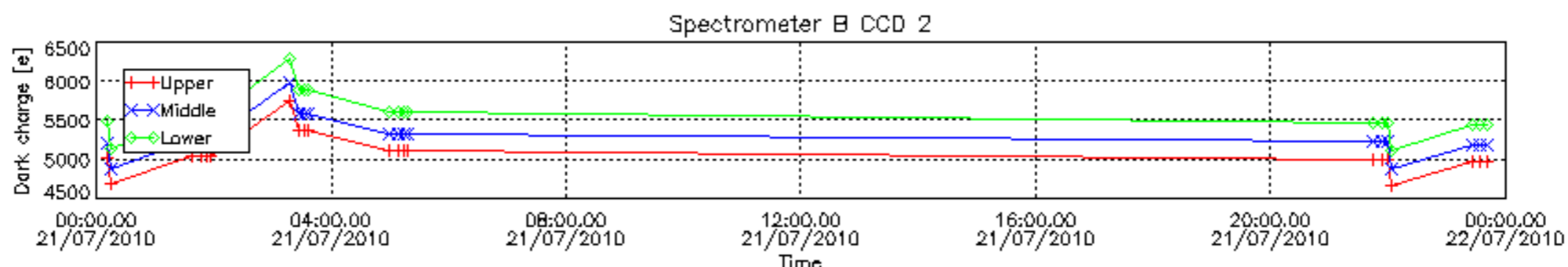
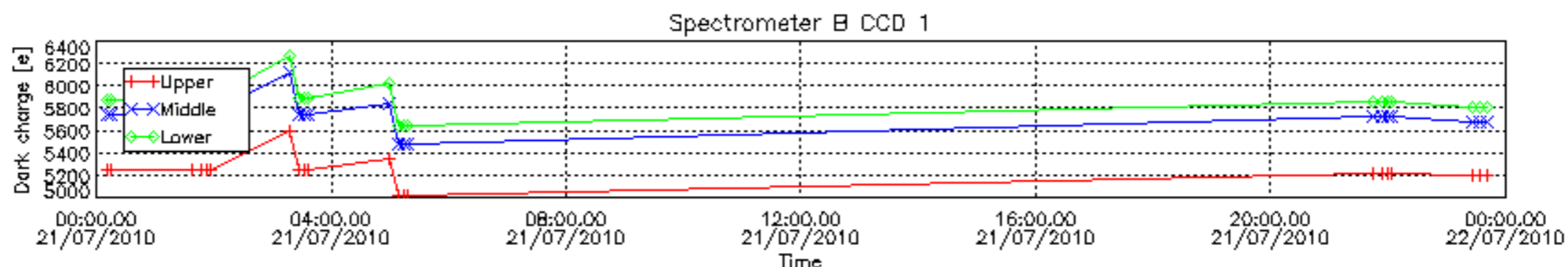
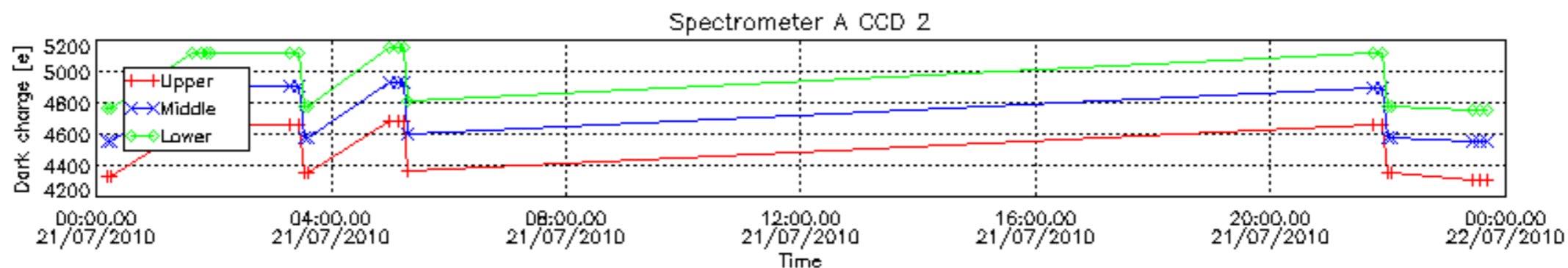
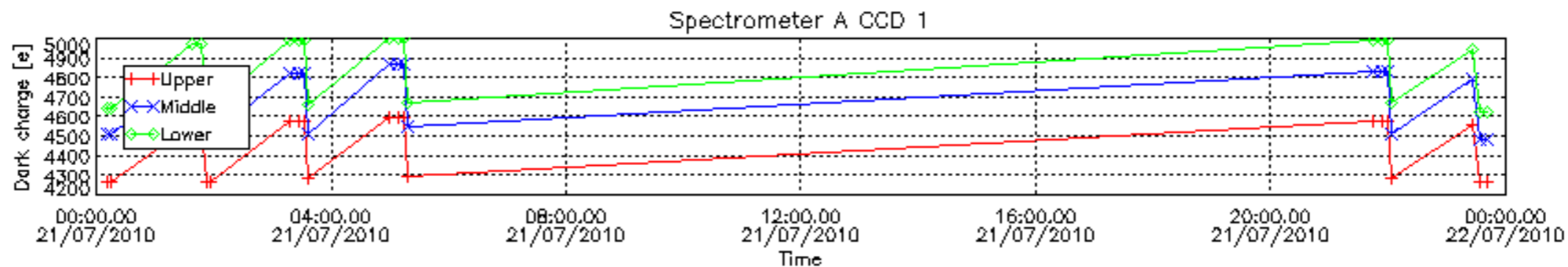
8. Auxiliary Data Files used for the production reported in section 2.4

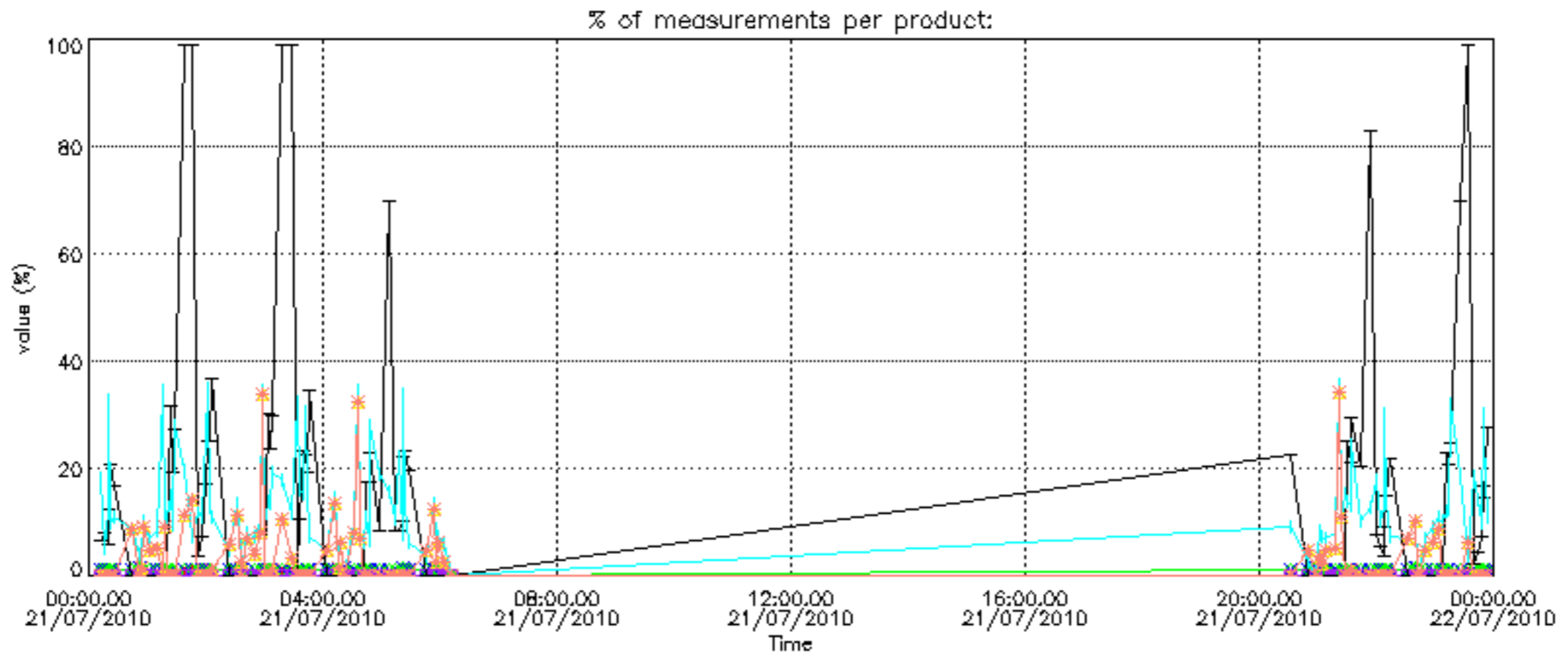
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-JUL-2010 00:12:00
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100720_095840_20100718_000000_20500101_000000	1	21-JUL-2010 00:12:00
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	21-JUL-2010 00:12:00
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	21-JUL-2010 00:12:00
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	21-JUL-2010 00:12:00
ECMWF_FILE	AUX_ECF_AXNECM20100720_054113_20100720_210000_20100721_090000	1	21-JUL-2010 00:12:00
ECMWF_FILE	AUX_ECF_AXNECM20100720_172112_20100721_030000_20100721_150000	52	21-JUL-2010 04:31:31
ECMWF_FILE	AUX_ECF_AXNECM20100721_052115_20100721_150000_20100722_030000	73	21-JUL-2010 20:32:58
ECMWF_FILE	AUX_ECF_AXNECM20100721_054114_20100721_210000_20100722_090000	86	21-JUL-2010 21:44:43
OPTIONAL_ECMWF_FILE	MISSING	1	21-JUL-2010 00:12:00
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100720_235558_000054192091_00216_43857_0789.N1	1	21-JUL-2010 00:12:00
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100721_013137_000041442091_00217_43858_0790.N1	19	21-JUL-2010 01:37:24
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100721_024600_000057382091_00218_43859_0791.N1	32	21-JUL-2010 02:50:56
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100721_042657_000057382091_00219_43860_0792.N1	52	21-JUL-2010 04:31:31
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100721_202837_000041442091_00229_43870_0793.N1	73	21-JUL-2010 20:32:58
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100721_092114_20100720_190654_20100730_203308	86	21-JUL-2010 21:44:43
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100721_231839_000060572091_00230_43871_0795.N1	106	21-JUL-2010 23:25:19

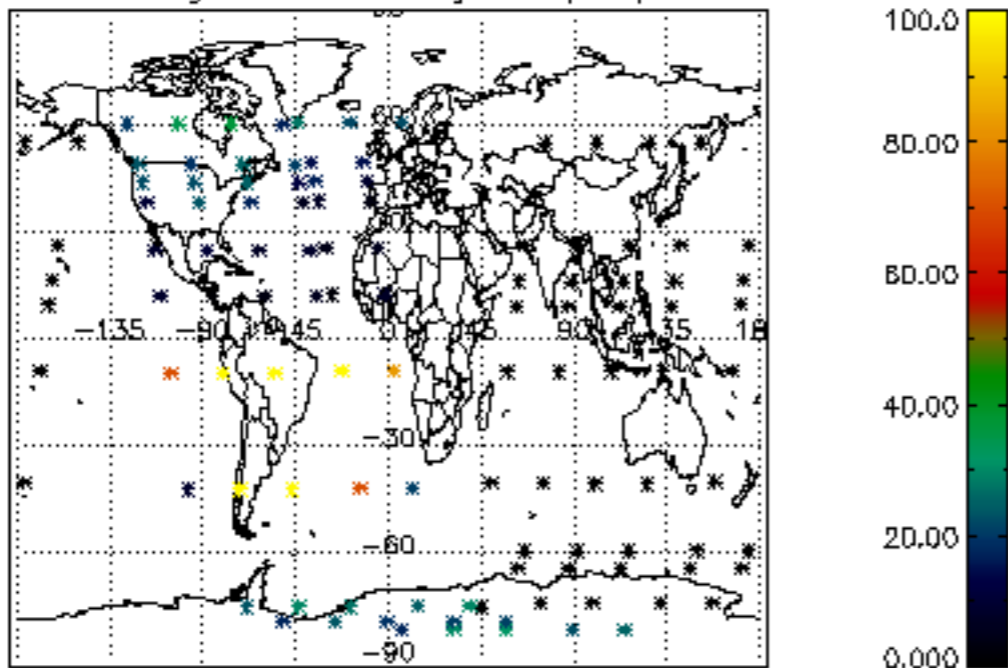




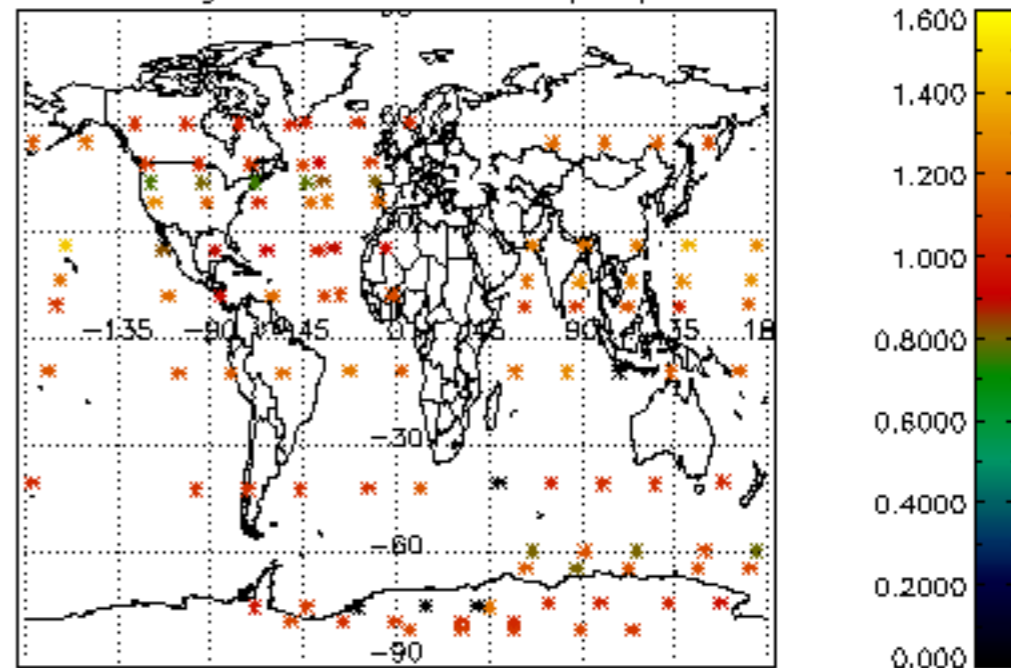




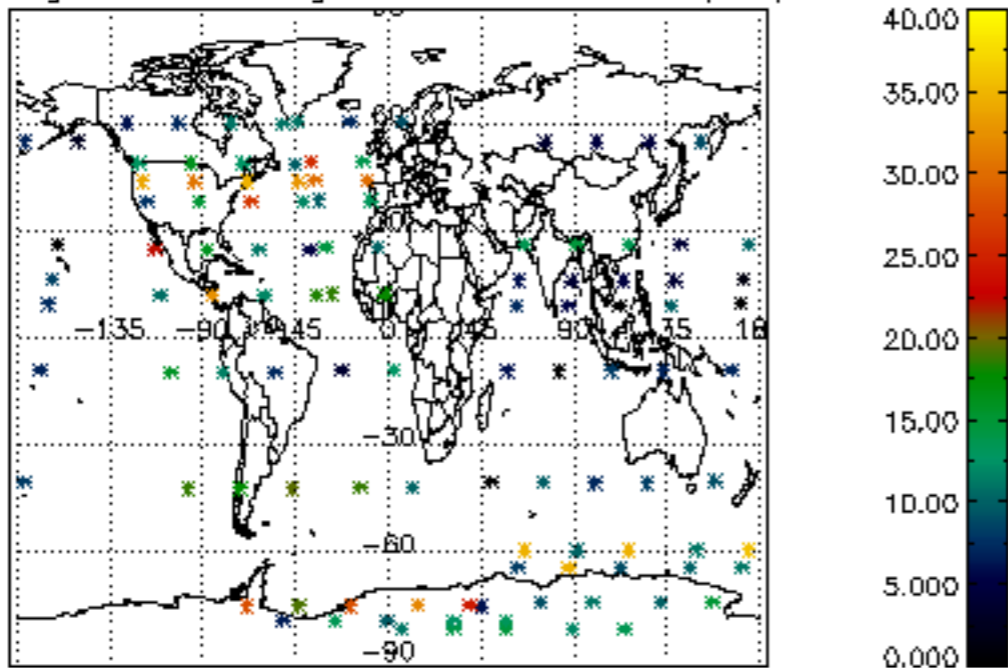
Percentage of cosmic ray hits per profile



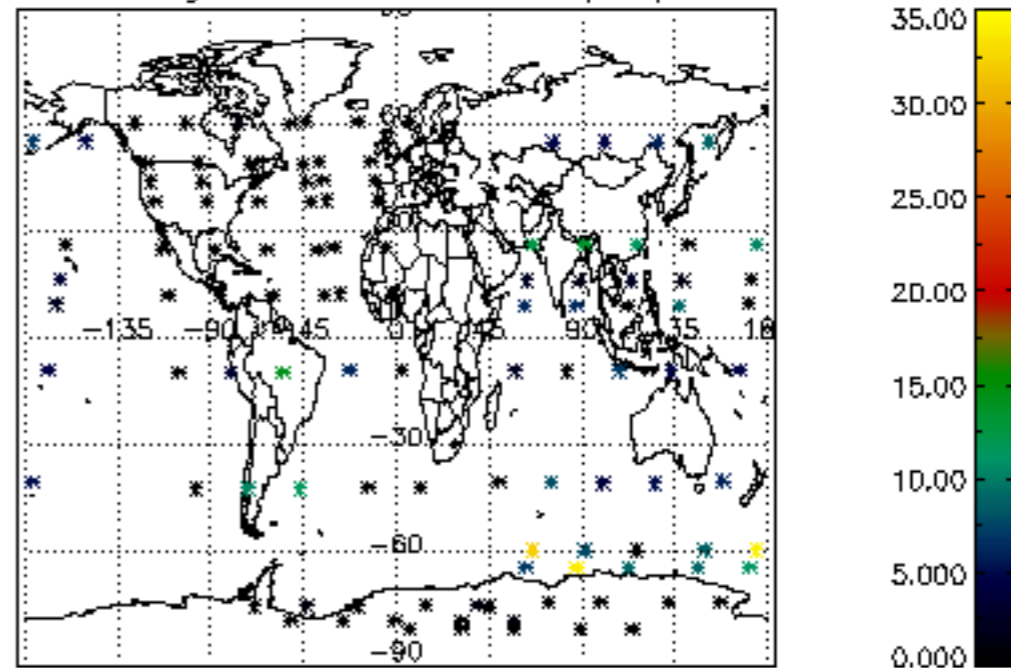
Percentage of datation errors per profile



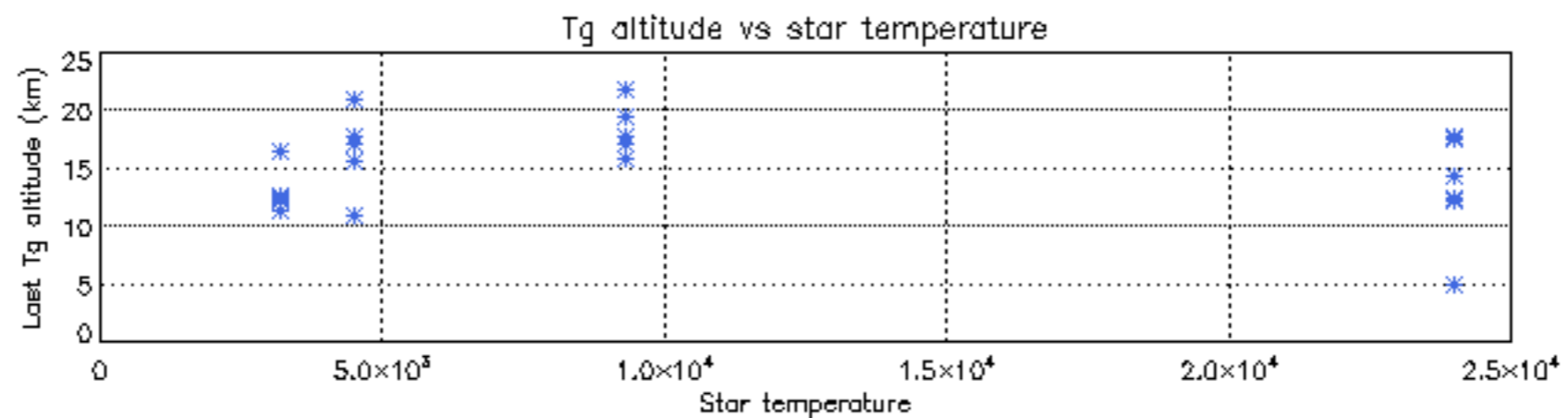
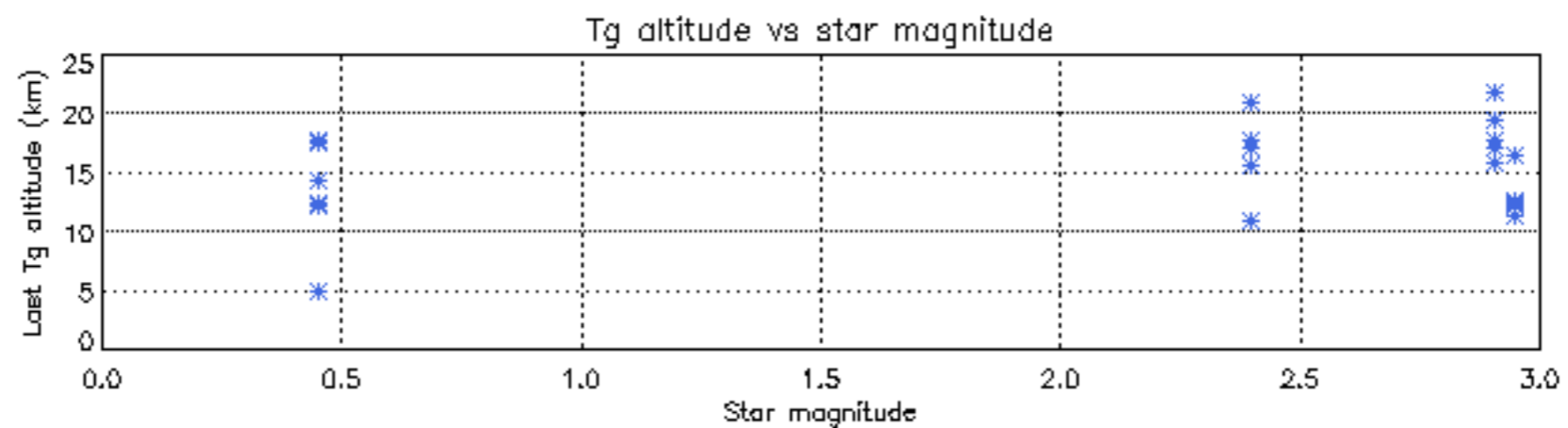
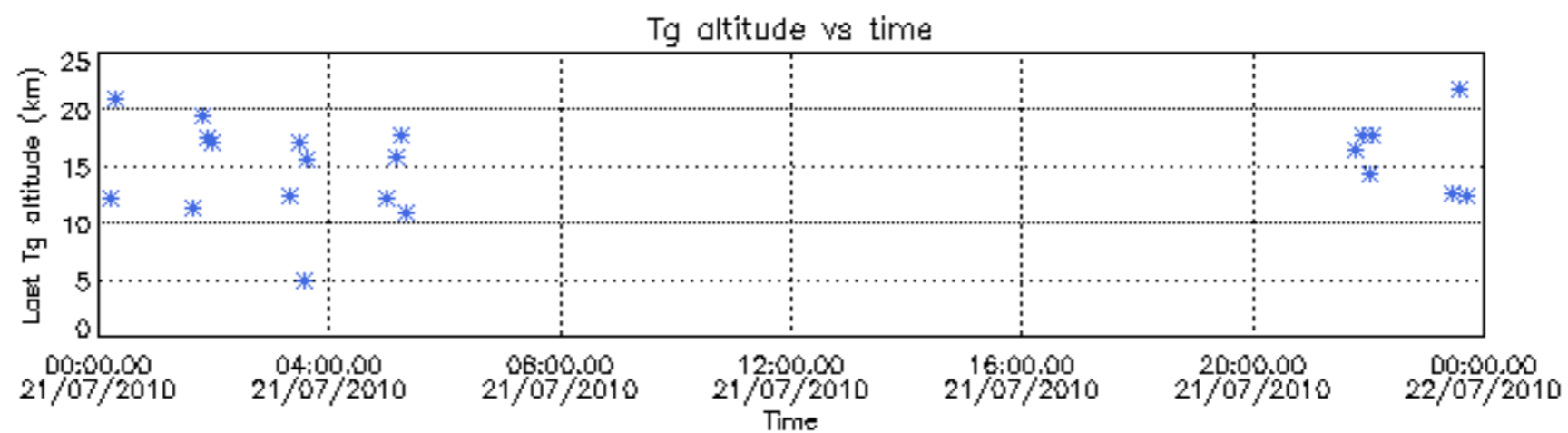
Percentage of star falling outside central band per profile



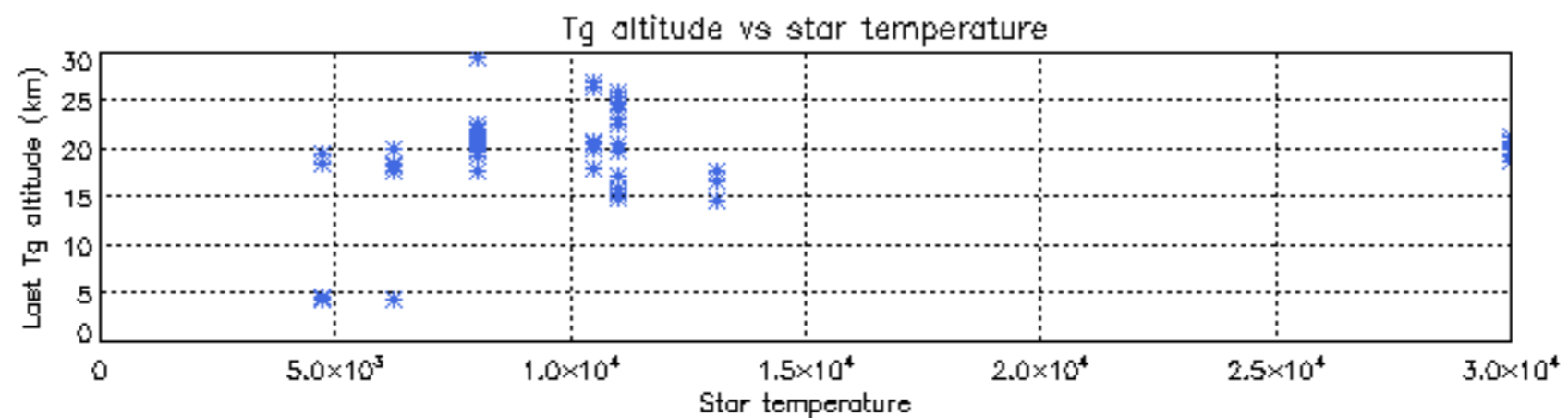
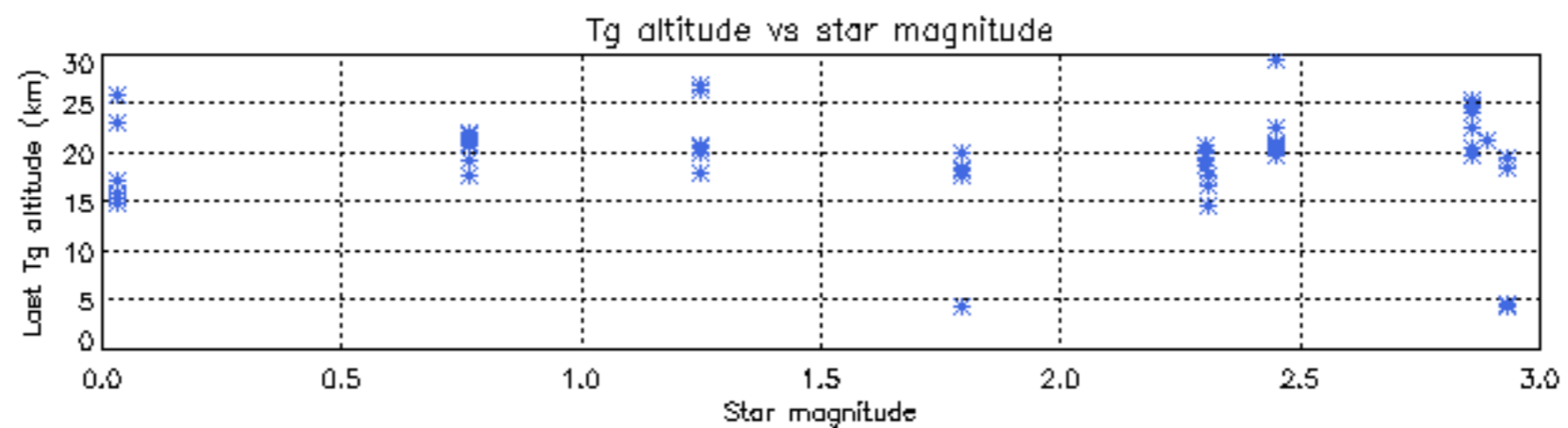
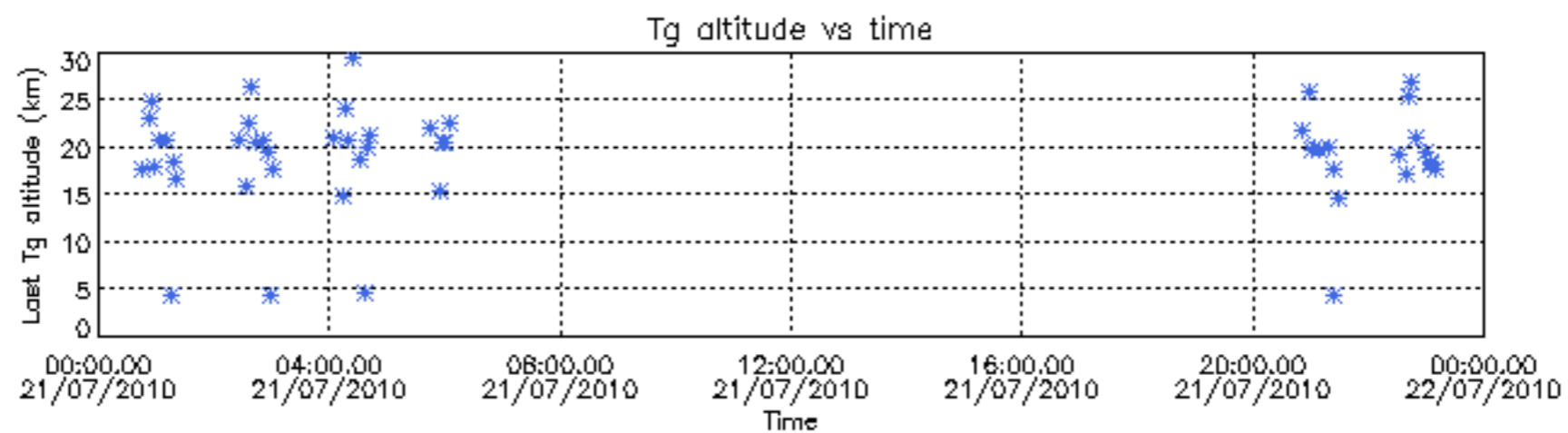
Percentage of saturation errors per profile



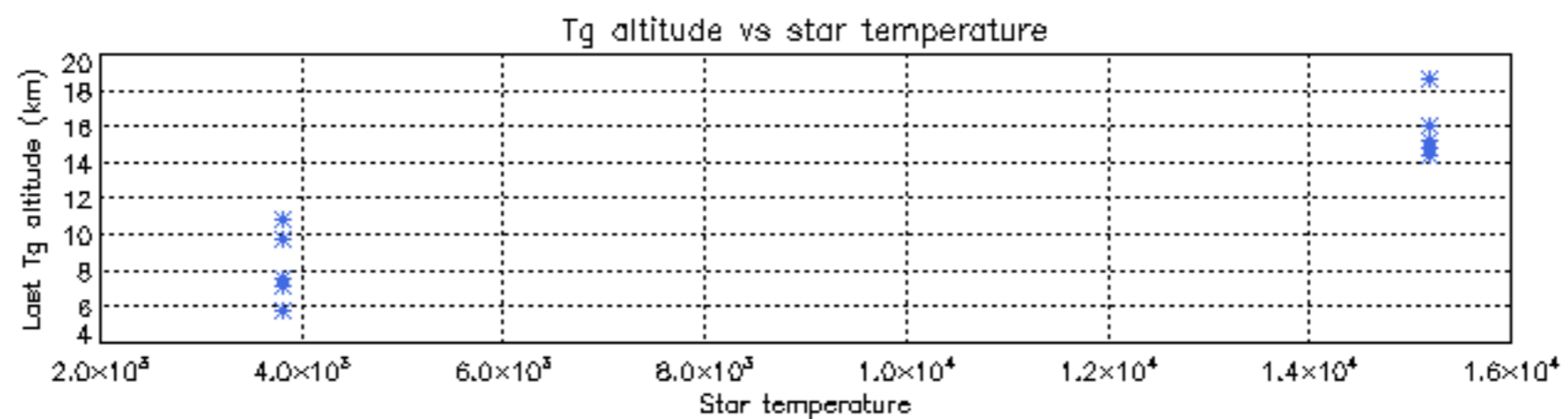
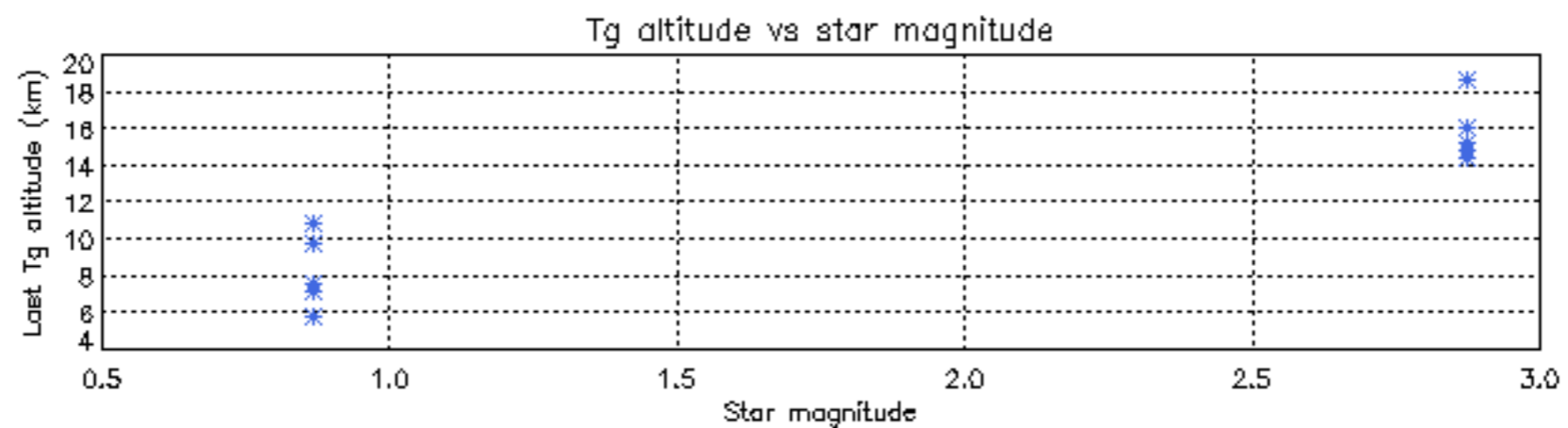
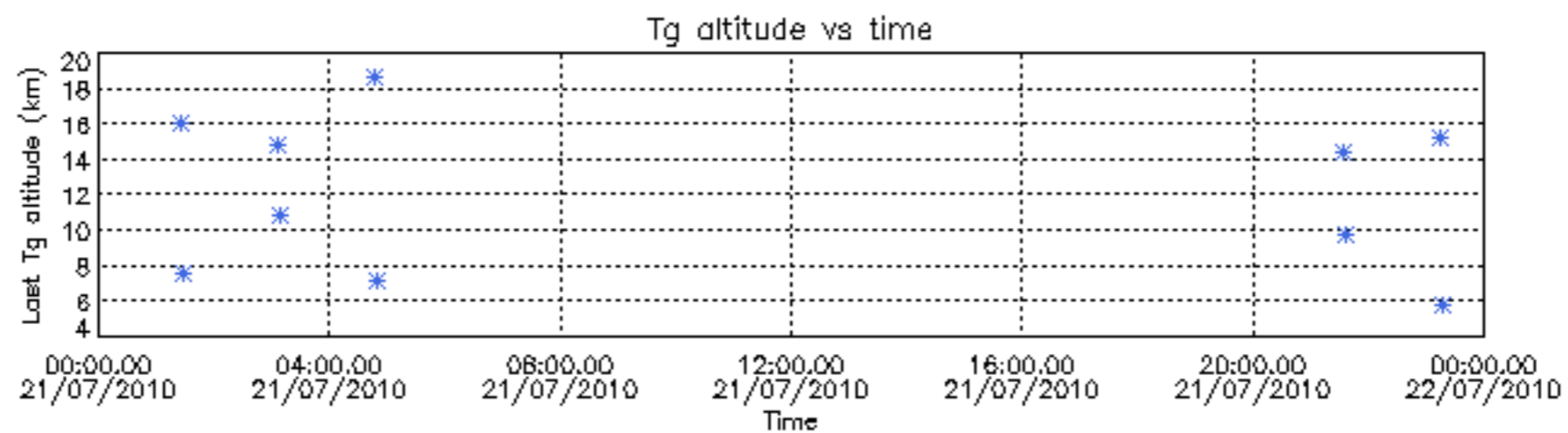
Tangent altitude at which the star is lost

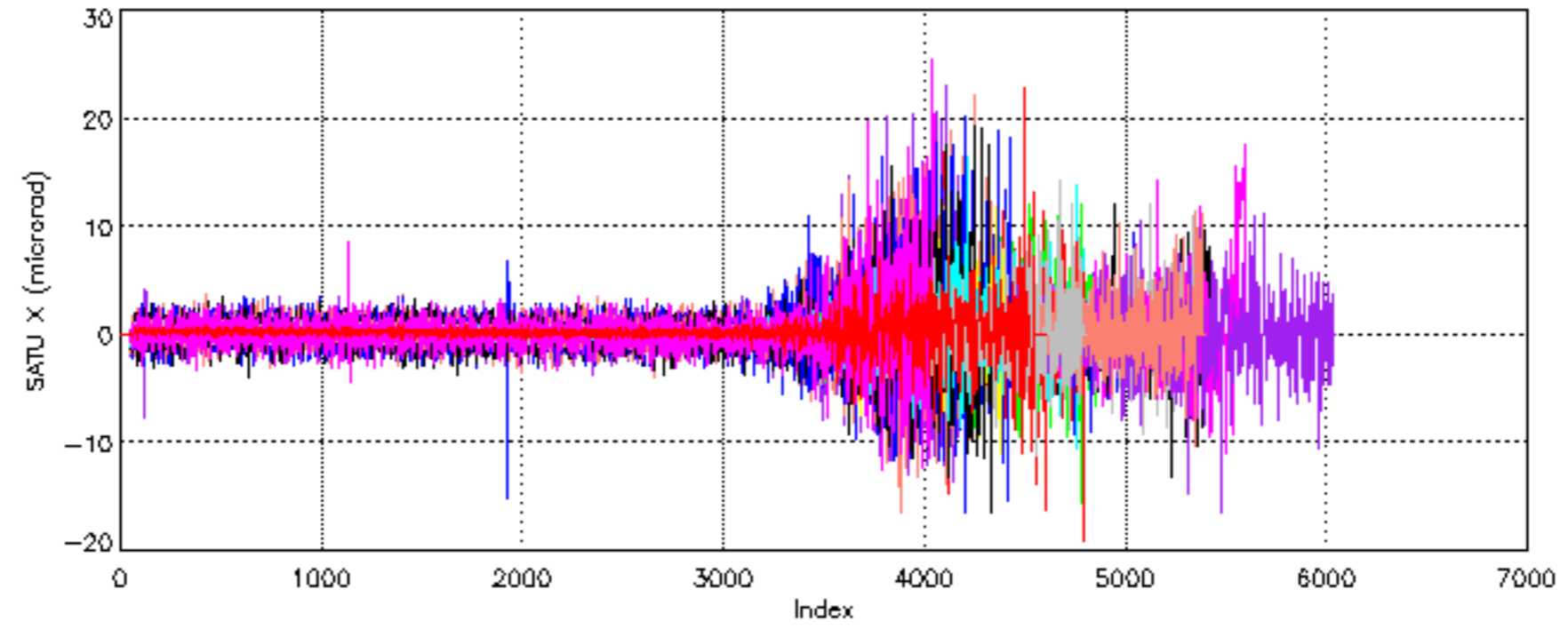


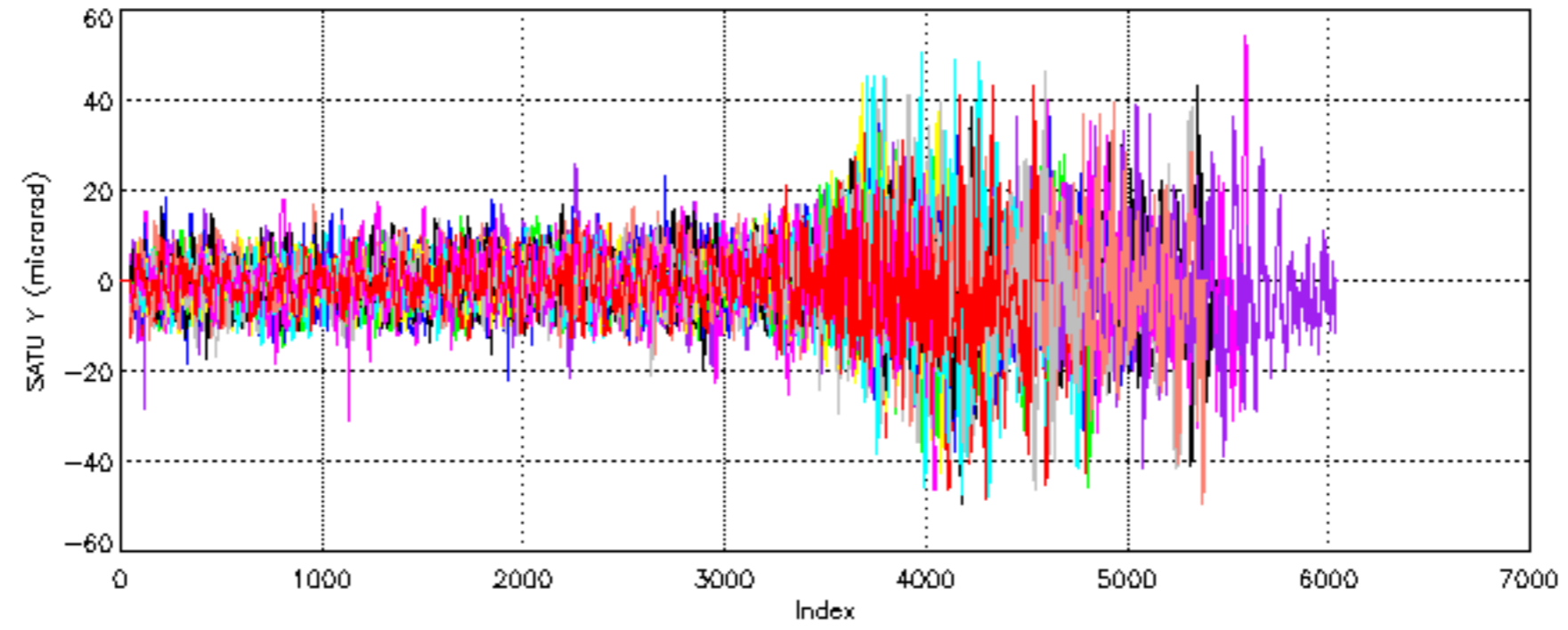
Tangent altitude at which the star is lost

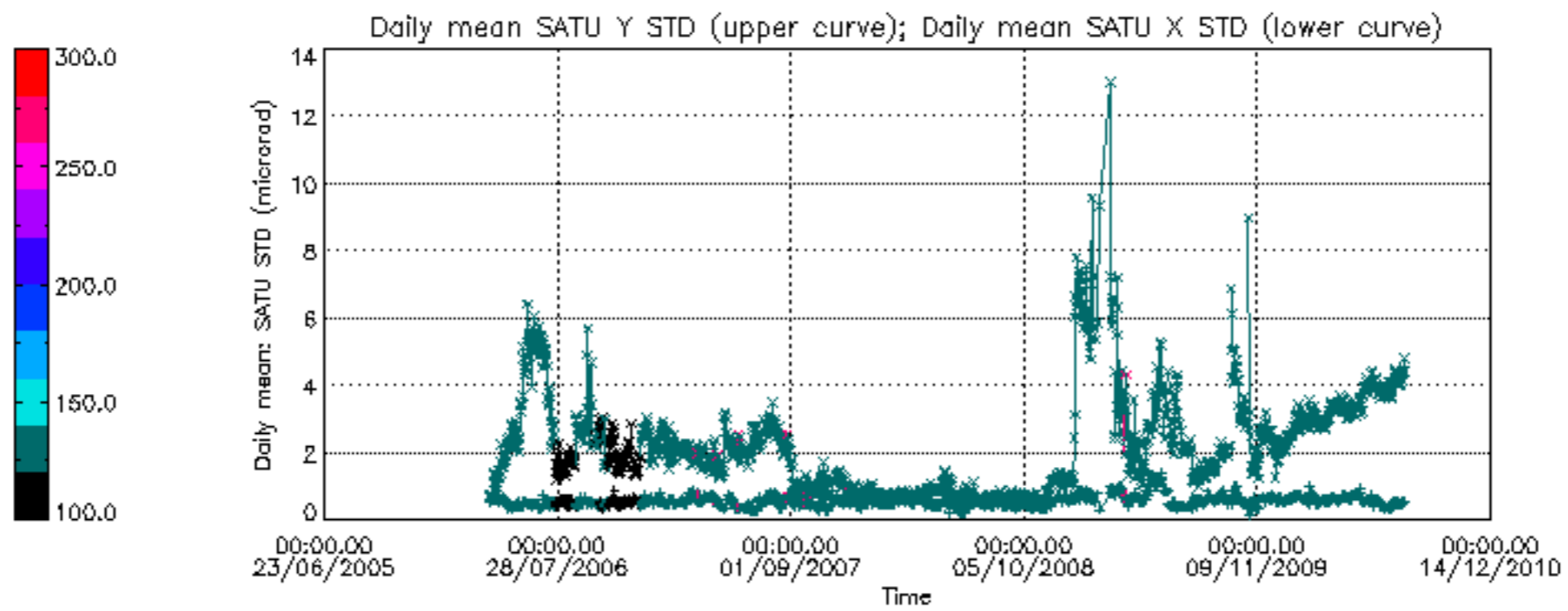


Tangent altitude at which the star is lost









/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

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

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


```

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

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1; -524.9; 01-JUL-2010 22:16:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43584
2; -153.9; 01-JUL-2010 22:22:37; Dark ; 91.0; 52; 16Bet Cet ; 2.04; 4500;occ; 182; 0;43584
3; 107.7; 01-JUL-2010 22:26:59; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;43585
4; 496.2; 01-JUL-2010 22:33:28; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43585
5; 596.3; 01-JUL-2010 22:35:08; Dark ; 75.5; 18; 24Alp PsA ; 1.17; 9700;occ; 151; 0;43585
6; 1482.8; 01-JUL-2010 22:49:54; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43585
7; 2226.5; 01-JUL-2010 23:02:18; Bright; 50.0; 168; 17Zet Aql ; 2.99; 11000;occ; 100; 0;43585
8; 2646.7; 01-JUL-2010 23:09:18; Bright; 46.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 92; 0;43585
9; 2914.3; 01-JUL-2010 23:13:46; Bright; 50.0; 144; 18Del Cyg ; 2.86; 11000;occ; 100; 0;43585
10; 3131.4; 01-JUL-2010 23:17:23; Bright; 62.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 124; 0;43585
11; 3336.9; 01-JUL-2010 23:20:48; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;43585
12; 3779.4; 01-JUL-2010 23:28:11; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43585
13; 3873.9; 01-JUL-2010 23:29:45; Bright; 42.0; 110; 37Del Cas ; 2.68; 8900;occ; 84; 0;43585
14; 4266.0; 01-JUL-2010 23:36:17; Bright; 54.0; 73; 57Gam1And ; 2.26; 13100;occ; 108; 0;43585
15; 4419.3; 01-JUL-2010 23:38:51; Dark ; 70.0; 53; 43Bet And ; 2.05; 3300;occ; 140; 0;43585
16; 4682.9; 01-JUL-2010 23:43:14; Dark ; 58.5; 50; 13Alp Ari ; 2.01; 4250;occ; 117; 0;43585
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100701_235703_000052692090_00445_43585_0361.N1
1; -524.0; 01-JUL-2010 23:57:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43585
2; -151.8; 02-JUL-2010 00:03:15; Dark ; 71.0; 52; 16Bet Cet ; 2.04; 4500;occ; 142; 0;43585
3; 109.1; 02-JUL-2010 00:07:36; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43586
4; 497.1; 02-JUL-2010 00:14:04; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43586
5; 598.1; 02-JUL-2010 00:15:45; Dark ; 96.5; 18; 24Alp PsA ; 1.17; 9700;occ; 193; 0;43586
6; 787.6; 02-JUL-2010 00:18:55; Dark ; 56.5; 172; Gam Gru ; 3.00; 13100;occ; 113; 0;43586
7; 1482.7; 02-JUL-2010 00:30:30; Bright; 45.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 91; 0;43586
8; 2226.2; 02-JUL-2010 00:42:53; Bright; 46.0; 168; 17Zet Aql ; 2.99; 11000;occ; 92; 0;43586
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5; 2868.4; 05-JUL-2010 22:47:08; Bright; 47.5; 144; 18Del Cyg ; 2.86; 11000;occ; 95; 0;43642
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5;-1335.5; 05-JUL-2010 06:31:40; Dark ; 62.5; 50; 13Alp Ari ; 2.01; 4250;occ; 125; 0;43632
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8; 158.3; 05-JUL-2010 06:56:34; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;43633
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3; 2858.8; 06-JUL-2010 20:34:45; Bright; 46.5; 144; 18Del Cyg ; 2.86; 11000;occ; 93; 0;43655
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5; 3290.6; 06-JUL-2010 20:41:57; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;43655
6; 3740.9; 06-JUL-2010 20:49:27; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43655
7; 3851.4; 06-JUL-2010 20:51:18; Bright; 44.0; 110; 37Del Cas ; 2.68; 8900;occ; 88; 0;43655
8; 4259.8; 06-JUL-2010 20:58:06; Bright; 54.5; 73; 57Gam1And ; 2.26; 13100;occ; 109; 0;43655
9; 4418.9; 06-JUL-2010 21:00:45; Dark ; 84.0; 53; 43Bet And ; 2.05; 3300;occ; 168; 0;43655
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 4; 566.1; 07-JUL-2010 02:38:56; Dark ; 65.5; 63; Bet Gru ; 2.15; 2800;occ; 131; 0;43659
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16; 3041.8; 07-JUL-2010 06:41:24; Bright; 57.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 115; 0;43661
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9; 4715.8; 07-JUL-2010 22:14:41; Dark ; 63.5; 50; 13Alp Ari ; 2.01; 4250;occ; 127; 0;43670
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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
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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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14; 5427.4; 14-JUL-2010 13:43:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43765
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 6; 3749.9; 14-JUL-2010 14:56:05; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;43766
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 3; 2162.4; 14-JUL-2010 16:10:14; Bright; 40.0; 168; 17Zet Aql ; 2.99; 11000;occ; 80; 0;43767
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5; 3102.9; 30-JUL-2010 09:40:39; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;43992
6; 3988.5; 30-JUL-2010 09:55:25; Bright; 68.0; 160; 23Gam Per ; 2.93; 4700;occ; 136; 0;43992
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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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 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
 13; 5717.1; 30-JUL-2010 13:45:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 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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 11; 5425.5; 30-JUL-2010 15:21:09; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;43995
 12; 5717.8; 30-JUL-2010 15:26:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43995
 13; 5989.9; 30-JUL-2010 15:30:34; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;43995
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 16; 6942.9; 30-JUL-2010 15:46:27; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;43996
 17; 7132.1; 30-JUL-2010 15:49:36; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;43996

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13; 5012.6; 31-JUL-2010 21:25:04; Dark ; 41.5; 72; 34Del Ori ; 2.25; 30000;occ; 83; 0;44013
14; 5169.8; 31-JUL-2010 21:27:41; Dark ; 42.5; 7; 19Bet Ori ; 0.10; 14000;occ; 85; 0;44013
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2; -306.0; 31-JUL-2010 21:37:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44013
3; -29.1; 31-JUL-2010 21:41:38; Dark ; 47.0; 157; The1Eri ; 2.91; 9300;occ; 94; 0;44013
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
8; 2059.6; 31-JUL-2010 22:16:27; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;44014
9; 2582.3; 31-JUL-2010 22:25:09; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44014
10; 2695.5; 31-JUL-2010 22:27:02; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44014
11; 3092.8; 31-JUL-2010 22:33:40; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;44014
12; 3980.7; 31-JUL-2010 22:48:28; Bright; 47.0; 160; 23Gam Per ; 2.93; 4700;occ; 94; 0;44014
13; 4139.5; 31-JUL-2010 22:51:06; Bright; 44.0; 175; 39Del Per ; 3.01; 19400;occ; 88; 0;44014
14; 4315.5; 31-JUL-2010 22:54:02; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;44014
15; 4500.2; 31-JUL-2010 22:57:07; Dark ; 37.0; 150; 44Zet Per ; 2.89; 28000;occ; 74; 0;44014
16; 4637.7; 31-JUL-2010 22:59:25; Dark ; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;44014
17; 4787.6; 31-JUL-2010 23:01:54; Dark ; 60.5; 13; 87Alp Tau ; 0.87; 3800;occ; 121; 0;44014

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6; 917.0; 31-JUL-2010 23:38:00; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44015
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