

GOMOS Daily Report 28-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	31JUL2010 04:51:12
Data source version	GOMOS/5.01
Start time of products	28JUL2010 00:00:05
Stop time of products	28JUL2010 23:51:21
Store outputs in DB	Yes
Nb of level 1b prods	130
Nb of prods with errors	1

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

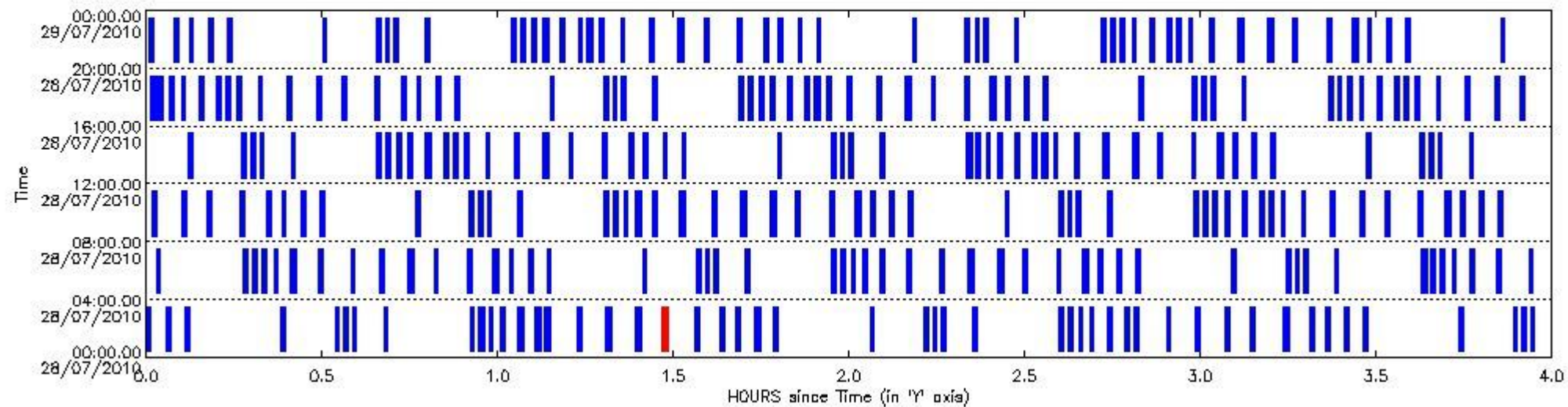
2.1 Level 0 products arrived in PCF (see template [here](#))

2.2 Plot of mission plan versus Level 0 production arrived in PCF during reporting period

Red segments are missing products.

Blue segments are available products.

Green segments are calibration measurements (not available products to users).



2.3 Summary of missing occultations (red segments in previous plot)

UTC start time	Star name	Star ID	Orbit
28-JUL-2010 01:27:58	The1Eri	157	43958

2.4 Summary of processed GOM_TRA_1P products

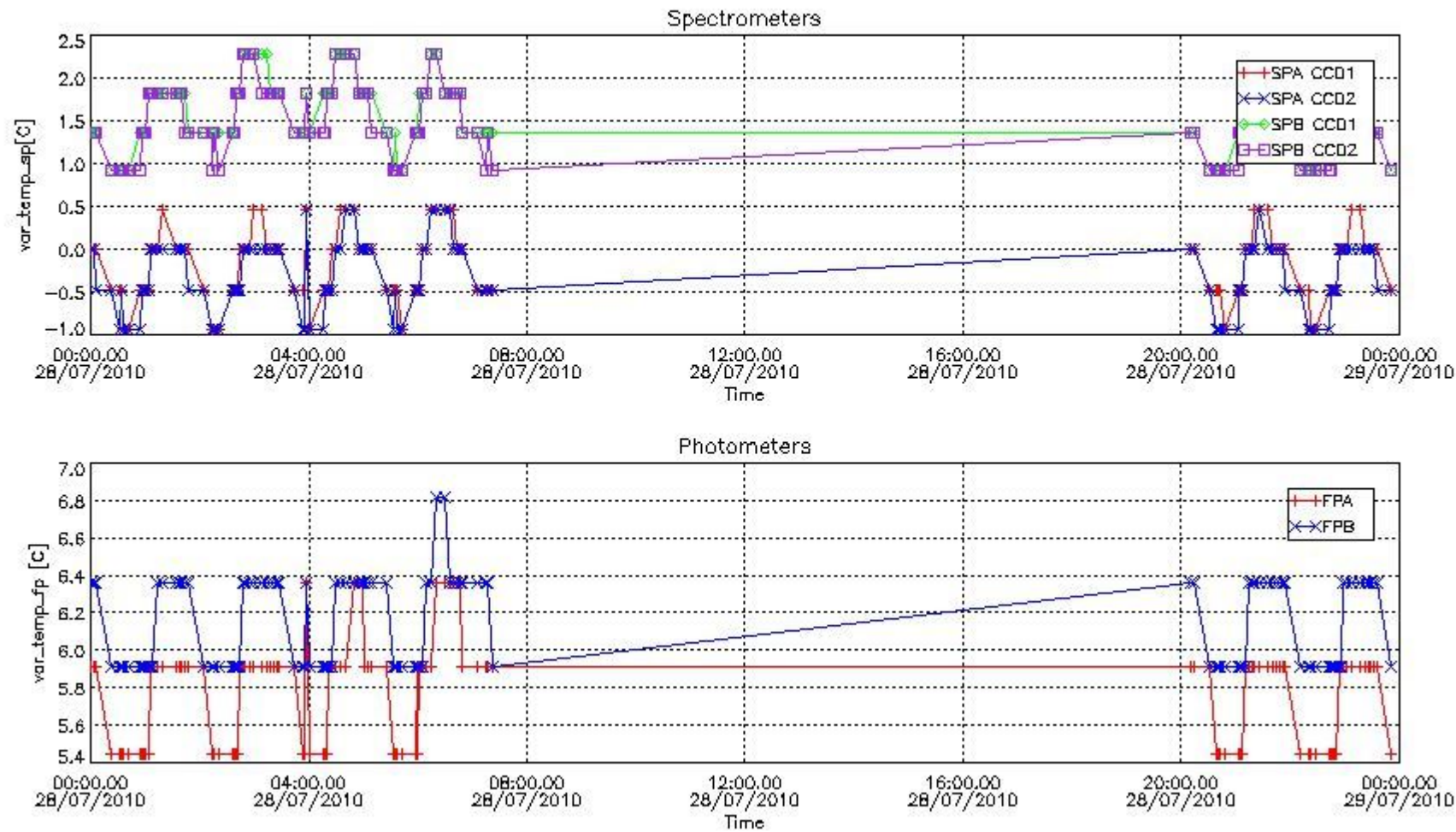
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100728_000005_000000412091_00317_43958_0160.N1	28-JUL-2010 00:00:05	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	43958	No
2	GOM_TRA_1PNPDE20100728_000320_000000512091_00317_43958_0161.N1	28-JUL-2010 00:03:20	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	43958	No
3	GOM_TRA_1PNPDE20100728_000631_000000492091_00317_43958_0162.N1	28-JUL-2010 00:06:31	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43958	No
4	GOM_TRA_1PNPDE20100728_002300_000000402091_00317_43958_0163.N1	28-JUL-2010 00:23:00	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43958	No
5	GOM_TRA_1PNPDE20100728_003210_000000452091_00317_43958_0164.N1	28-JUL-2010 00:32:10	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	43958	No
6	GOM_TRA_1PNPDE20100728_003344_000000392091_00317_43958_0165.N1	28-JUL-2010 00:33:44	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43958	No
7	GOM_TRA_1PNPDE20100728_003513_000000402091_00317_43958_0166.N1	28-JUL-2010 00:35:13	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	43958	No
8	GOM_TRA_1PNPDE20100728_004033_000000432091_00317_43958_0167.N1	28-JUL-2010 00:40:33	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43958	No
9	GOM_TRA_1PNPDE20100728_005514_000000472091_00317_43958_0168.N1	28-JUL-2010 00:55:14	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	43958	No
10	GOM_TRA_1PNPDE20100728_005648_000000512091_00317_43958_0169.N1	28-JUL-2010 00:56:48	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	43958	No

11	GOM_TRA_1PNPDE20100728_005833_000000402091_00317_43958_0170.N1	28-JUL-2010 00:58:33	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	43958	No
12	GOM_TRA_1PNPDE20100728_010031_000000442091_00317_43958_0171.N1	28-JUL-2010 01:00:31	Bright	43.500	149	45Eps Per	2.8880	30000.	87	43958	No
13	GOM_TRA_1PNPDE20100728_010327_000000532091_00317_43958_0172.N1	28-JUL-2010 01:03:27	Twi_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	43958	No
14	GOM_TRA_1PNPDE20100728_010626_000000532091_00317_43958_0173.N1	28-JUL-2010 01:06:26	Dark	53.000	146	25Eta Tau	2.8730	15200.	106	43958	No
15	GOM_TRA_1PNPDE20100728_010802_000000522091_00317_43958_0174.N1	28-JUL-2010 01:08:02	Dark	51.500	13	87Alp Tau	0.86700	3800.0	103	43958	No
16	GOM_TRA_1PNPDE20100728_011340_000000392091_00317_43958_0175.N1	28-JUL-2010 01:13:40	Dark	39.000	128	67Bet Eri	2.7840	9700.0	78	43958	No
17	GOM_TRA_1PNPDE20100728_011828_000000522091_00317_43958_0195.N1	28-JUL-2010 01:18:28	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	43958	No
18	GOM_TRA_1PNPDE20100728_013336_000000512091_00318_43959_0196.N1	28-JUL-2010 01:33:36	Dark	50.500	9	Alp Eri	0.45300	24000.	101	43959	No
19	GOM_TRA_1PNPDE20100728_013757_000000552091_00318_43959_0197.N1	28-JUL-2010 01:37:57	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	43959	No
20	GOM_TRA_1PNPDE20100728_014041_000000402091_00318_43959_0198.N1	28-JUL-2010 01:40:41	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	43959	No
21	GOM_TRA_1PNPDE20100728_014357_000000542091_00318_43959_0199.N1	28-JUL-2010 01:43:57	Straylight	53.500	31	Alp Gru	1.7340	15200.	107	43959	No
22	GOM_TRA_1PNPDE20100728_014708_000000482091_00318_43959_0200.N1	28-JUL-2010 01:47:08	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	43959	No
23	GOM_TRA_1PNPDE20100728_020336_000000402091_00318_43959_0201.N1	28-JUL-2010 02:03:36	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43959	No
24	GOM_TRA_1PNPDE20100728_021245_000000492091_00318_43959_0202.N1	28-JUL-2010 02:12:45	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	43959	No
25	GOM_TRA_1PNPDE20100728_021420_000000402091_00318_43959_0203.N1	28-JUL-2010 02:14:20	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43959	No
26	GOM_TRA_1PNPDE20100728_021548_000000452091_00318_43959_0204.N1	28-JUL-2010 02:15:48	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	43959	No
27	GOM_TRA_1PNPDE20100728_022108_000000412091_00318_43959_0205.N1	28-JUL-2010 02:21:08	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43959	No
28	GOM_TRA_1PNPDE20100728_023549_000000452091_00318_43959_0206.N1	28-JUL-2010 02:35:49	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43959	No
29	GOM_TRA_1PNPDE20100728_023723_000000492091_00318_43959_0207.N1	28-JUL-2010 02:37:23	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	43959	No
30	GOM_TRA_1PNPDE20100728_023910_000000422091_00318_43959_0208.N1	28-JUL-2010 02:39:10	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	43959	No
31	GOM_TRA_1PNPDE20100728_024107_000000422091_00318_43959_0209.N1	28-JUL-2010 02:41:07	Bright	41.500	149	45Eps Per	2.8880	30000.	83	43959	No
32	GOM_TRA_1PNPDE20100728_024403_000000512091_00318_43959_0210.N1	28-JUL-2010 02:44:03	Twi_and_stray	50.500	150	44Zet Per	2.8900	28000.	101	43959	No
33	GOM_TRA_1PNPDE20100728_024702_000000532091_00318_43959_0211.N1	28-JUL-2010 02:47:02	Dark	53.000	146	25Eta Tau	2.8730	15200.	106	43959	No
34	GOM_TRA_1PNPDE20100728_024838_000000552091_00318_43959_0212.N1	28-JUL-2010 02:48:38	Dark	55.000	13	87Alp Tau	0.86700	3800.0	110	43959	No
35	GOM_TRA_1PNPDE20100728_025416_000000392091_00318_43959_0213.N1	28-JUL-2010 02:54:16	Dark	38.500	128	67Bet Eri	2.7840	9700.0	77	43959	No
36	GOM_TRA_1PNPDE20100728_025905_000000522091_00318_43959_0214.N1	28-JUL-2010 02:59:05	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	43959	No
37	GOM_TRA_1PNPDE20100728_030827_000000452091_00318_43959_0215.N1	28-JUL-2010 03:08:27	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43959	No
38	GOM_TRA_1PNPDE20100728_031413_000000512091_00319_43960_0216.N1	28-JUL-2010 03:14:13	Dark	50.500	9	Alp Eri	0.45300	24000.	101	43960	No
39	GOM_TRA_1PNPDE20100728_031835_000000552091_00319_43960_0217.N1	28-JUL-2010 03:18:35	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	43960	No
40	GOM_TRA_1PNPDE20100728_032118_000000462091_00319_43960_0218.N1	28-JUL-2010 03:21:18	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	43960	No
41	GOM_TRA_1PNPDE20100728_032433_000000492091_00319_43960_0219.N1	28-JUL-2010 03:24:33	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43960	No
42	GOM_TRA_1PNPDE20100728_032744_000000472091_00319_43960_0220.N1	28-JUL-2010 03:27:44	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	43960	No
43	GOM_TRA_1PNPDE20100728_034411_000000402091_00319_43960_0221.N1	28-JUL-2010 03:44:11	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43960	No
44	GOM_TRA_1PNPDE20100728_035321_000000482091_00319_43960_0222.N1	28-JUL-2010 03:53:21	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	43960	No
45	GOM_TRA_1PNPDE20100728_035456_000000372091_00319_43960_0223.N1	28-JUL-2010 03:54:56	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	43960	No
46	GOM_TRA_1PNPDE20100728_035623_000000422091_00319_43960_0219.N1	28-JUL-2010 03:56:23	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	43960	Yes
47	GOM_TRA_1PNPDE20100728_040144_000000402091_00319_43960_0220.N1	28-JUL-2010 04:01:44	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43960	No
48	GOM_TRA_1PNPDE20100728_041625_000000612091_00319_43960_0221.N1	28-JUL-2010 04:16:25	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	43960	No
49	GOM_TRA_1PNPDE20100728_041759_000000492091_00319_43960_0222.N1	28-JUL-2010 04:17:59	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43960	No
50	GOM_TRA_1PNPDE20100728_041946_000000432091_00319_43960_0223.N1	28-JUL-2010 04:19:46	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	43960	No
51	GOM_TRA_1PNPDE20100728_042144_000000442091_00319_43960_0224.N1	28-JUL-2010 04:21:44	Bright	43.500	149	45Eps Per	2.8880	30000.	87	43960	No
52	GOM_TRA_1PNPDE20100728_042439_000000512091_00319_43960_0225.N1	28-JUL-2010 04:24:39	Twi_and_stray	50.500	150	44Zet Per	2.8900	28000.	101	43960	No
53	GOM_TRA_1PNPDE20100728_042914_000000492091_00319_43960_0226.N1	28-JUL-2010 04:29:14	Dark	48.500	13	87Alp Tau	0.86700	3800.0	97	43960	No
54	GOM_TRA_1PNPDE20100728_043452_000000422091_00319_43960_0227.N1	28-JUL-2010 04:34:52	Dark	41.500	128	67Bet Eri	2.7840	9700.0	83	43960	No
55	GOM_TRA_1PNPDE20100728_043942_000000542091_00319_43960_0228.N1	28-JUL-2010 04:39:42	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	43960	No
56	GOM_TRA_1PNPDE20100728_044904_000000432091_00319_43960_0229.N1	28-JUL-2010 04:49:04	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43960	No
57	GOM_TRA_1PNPDE20100728_045450_000000422091_00320_43961_0230.N1	28-JUL-2010 04:54:50	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43961	No
58	GOM_TRA_1PNPDE20100728_045912_000000582091_00320_43961_0231.N1	28-JUL-2010 04:59:12	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	43961	No
59	GOM_TRA_1PNPDE20100728_050154_000000432091_00320_43961_0232.N1	28-JUL-2010 05:01:54	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43961	No
60	GOM_TRA_1PNPDE20100728_050510_000000482091_00320_43961_0233.N1	28-JUL-2010 05:05:10	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43961	No
61	GOM_TRA_1PNPDE20100728_050821_000000472091_00320_43961_0234.N1	28-JUL-2010 05:08:21	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	43961	No
62	GOM_TRA_1PNPDE20100728_052447_000000422091_00320_43961_0235.N1	28-JUL-2010 05:24:47	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	43961	No
63	GOM_TRA_1PNPDE20100728_053356_000000492091_00320_43961_0236.N1	28-JUL-2010 05:33:56	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	43961	No
64	GOM_TRA_1PNPDE20100728_053531_000000372091_00320_43961_0237.N1	28-JUL-2010 05:35:31	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	43961	No
65	GOM_TRA_1PNPDE20100728_053659_000000452091_00320_43961_0238.N1	28-JUL-2010 05:36:59	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	43961	No
66	GOM_TRA_1PNPDE20100728_054220_000000412091_00320_43961_0239.N1	28-JUL-2010 05:42:20	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43961	No
67	GOM_TRA_1PNPDE20100728_055701_000000442091_00320_43961_0236.N1	28-JUL-2010 05:57:01	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43961	No
68	GOM_TRA_1PNPDE20100728_055835_000000472091_00320_43961_0237.N1	28-JUL-2010 05:58:35	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	43961	No
69	GOM_TRA_1PNPDE20100728_060022_000000432091_00320_43961_0238.N1	28-JUL-2010 06:00:22	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	43961	No

70	GOM_TRA_1PNPDE20100728_060219_000000442091_00320_43961_0239.N1	28-JUL-2010 06:02:19	Bright	44.000	149	45Eps Per	2.8880	30000.	88	43961	No
71	GOM_TRA_1PNPDE20100728_060515_000000522091_00320_43961_0240.N1	28-JUL-2010 06:05:15	Tw_i_and_stray	51.500	150	44Zet Per	2.8900	28000.	103	43961	No
72	GOM_TRA_1PNPDE20100728_060950_000000502091_00320_43961_0241.N1	28-JUL-2010 06:09:50	Dark	50.000	13	87Alp Tau	0.86700	3800.0	100	43961	No
73	GOM_TRA_1PNPDE20100728_061529_000000422091_00320_43961_0242.N1	28-JUL-2010 06:15:29	Dark	41.500	128	67Bet Eri	2.7840	9700.0	83	43961	No
74	GOM_TRA_1PNPDE20100728_062019_000000572091_00320_43961_0243.N1	28-JUL-2010 06:20:19	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	43961	No
75	GOM_TRA_1PNPDE20100728_062941_000000452091_00320_43961_0244.N1	28-JUL-2010 06:29:41	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43961	No
76	GOM_TRA_1PNPDE20100728_063526_000000422091_00321_43962_0245.N1	28-JUL-2010 06:35:26	Dark	41.500	9	Alp Eri	0.45300	24000.	83	43962	No
77	GOM_TRA_1PNPDE20100728_063949_000000622091_00321_43962_0246.N1	28-JUL-2010 06:39:49	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	43962	No
78	GOM_TRA_1PNPDE20100728_064231_000000422091_00321_43962_0247.N1	28-JUL-2010 06:42:31	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43962	No
79	GOM_TRA_1PNPDE20100728_064546_000000462091_00321_43962_0248.N1	28-JUL-2010 06:45:46	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	43962	No
80	GOM_TRA_1PNPDE20100728_064857_000000462091_00321_43962_0249.N1	28-JUL-2010 06:48:57	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43962	No
81	GOM_TRA_1PNPDE20100728_070523_000000402091_00321_43962_0250.N1	28-JUL-2010 07:05:23	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	43962	No
82	GOM_TRA_1PNPDE20100728_071431_000000492091_00321_43962_0251.N1	28-JUL-2010 07:14:31	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	43962	No
83	GOM_TRA_1PNPDE20100728_071607_000000392091_00321_43962_0252.N1	28-JUL-2010 07:16:07	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43962	No
84	GOM_TRA_1PNPDE20100728_071734_000000462091_00321_43962_0253.N1	28-JUL-2010 07:17:34	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43962	No
85	GOM_TRA_1PNPDE20100728_072255_000000412091_00321_43962_0254.N1	28-JUL-2010 07:22:55	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43962	No
86	GOM_TRA_1PNPDE20100728_201039_000000512091_00329_43970_0382.N1	28-JUL-2010 20:10:39	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	43970	No
87	GOM_TRA_1PNPDE20100728_201349_000000482091_00329_43970_0383.N1	28-JUL-2010 20:13:49	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	43970	No
88	GOM_TRA_1PNPDE20100728_203010_000000392091_00329_43970_0384.N1	28-JUL-2010 20:30:10	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	43970	No
89	GOM_TRA_1PNPDE20100728_203914_000000472091_00329_43970_0385.N1	28-JUL-2010 20:39:14	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	43970	No
90	GOM_TRA_1PNPDE20100728_204052_000000392091_00329_43970_0386.N1	28-JUL-2010 20:40:52	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43970	No
91	GOM_TRA_1PNPDE20100728_204217_000000452091_00329_43970_0387.N1	28-JUL-2010 20:42:17	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	43970	No
92	GOM_TRA_1PNPDE20100728_204738_000000432091_00329_43970_0388.N1	28-JUL-2010 20:47:38	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43970	No
93	GOM_TRA_1PNPDE20100728_210222_000000452091_00329_43970_0389.N1	28-JUL-2010 21:02:22	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43970	No
94	GOM_TRA_1PNPDE20100728_210356_000000502091_00329_43970_0390.N1	28-JUL-2010 21:03:56	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	43970	No
95	GOM_TRA_1PNPDE20100728_210545_000000542091_00329_43970_0391.N1	28-JUL-2010 21:05:45	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	43970	No
96	GOM_TRA_1PNPDE20100728_210743_000000652091_00329_43970_0392.N1	28-JUL-2010 21:07:43	Bright	65.000	149	45Eps Per	2.8880	30000.	130	43970	No
97	GOM_TRA_1PNPDE20100728_211040_000000532091_00329_43970_0393.N1	28-JUL-2010 21:10:40	Tw_i_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	43970	No
98	GOM_TRA_1PNPDE20100728_211342_000000422091_00329_43970_0394.N1	28-JUL-2010 21:13:42	Dark	42.000	146	25Eta Tau	2.8730	15200.	84	43970	No
99	GOM_TRA_1PNPDE20100728_211517_000000612091_00329_43970_0395.N1	28-JUL-2010 21:15:17	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	43970	No
100	GOM_TRA_1PNPDE20100728_211720_000000412091_00329_43970_0396.N1	28-JUL-2010 21:17:20	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	43970	No
101	GOM_TRA_1PNPDE20100728_212056_000000412091_00329_43970_0397.N1	28-JUL-2010 21:20:56	Dark	41.000	128	67Bet Eri	2.7840	9700.0	82	43970	No
102	GOM_TRA_1PNPDE20100728_212549_000000512091_00329_43970_0412.N1	28-JUL-2010 21:25:49	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	43970	No
103	GOM_TRA_1PNPDE20100728_213512_000000442091_00329_43970_0413.N1	28-JUL-2010 21:35:12	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43970	No
104	GOM_TRA_1PNPDE20100728_214056_000000472091_00330_43971_0414.N1	28-JUL-2010 21:40:56	Dark	46.500	9	Alp Eri	0.45300	24000.	93	43971	No
105	GOM_TRA_1PNPDE20100728_214522_000000542091_00330_43971_0415.N1	28-JUL-2010 21:45:22	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	43971	No
106	GOM_TRA_1PNPDE20100728_214758_000000412091_00330_43971_0416.N1	28-JUL-2010 21:47:58	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43971	No
107	GOM_TRA_1PNPDE20100728_215115_000000442091_00330_43971_0417.N1	28-JUL-2010 21:51:15	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	43971	No
108	GOM_TRA_1PNPDE20100728_215425_000000452091_00330_43971_0418.N1	28-JUL-2010 21:54:25	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	43971	No
109	GOM_TRA_1PNPDE20100728_221045_000000392091_00330_43971_0419.N1	28-JUL-2010 22:10:45	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	43971	No
110	GOM_TRA_1PNPDE20100728_221949_000000442091_00330_43971_0420.N1	28-JUL-2010 22:19:49	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	43971	No
111	GOM_TRA_1PNPDE20100728_222128_000000372091_00330_43971_0421.N1	28-JUL-2010 22:21:28	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	43971	No
112	GOM_TRA_1PNPDE20100728_222252_000000462091_00330_43971_0422.N1	28-JUL-2010 22:22:52	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	43971	No
113	GOM_TRA_1PNPDE20100728_222814_000000422091_00330_43971_0423.N1	28-JUL-2010 22:28:14	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43971	No
114	GOM_TRA_1PNPDE20100728_224257_000000462091_00330_43971_0424.N1	28-JUL-2010 22:42:57	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	43971	No
115	GOM_TRA_1PNPDE20100728_224432_000000492091_00330_43971_0425.N1	28-JUL-2010 22:44:32	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43971	No
116	GOM_TRA_1PNPDE20100728_224621_000000442091_00330_43971_0426.N1	28-JUL-2010 22:46:21	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	43971	No
117	GOM_TRA_1PNPDE20100728_224818_000000442091_00330_43971_0427.N1	28-JUL-2010 22:48:18	Bright	44.000	149	45Eps Per	2.8880	30000.	88	43971	No
118	GOM_TRA_1PNPDE20100728_225116_000000522091_00330_43971_0428.N1	28-JUL-2010 22:51:16	Tw_i_and_stray	51.500	150	44Zet Per	2.8900	28000.	103	43971	No
119	GOM_TRA_1PNPDE20100728_225418_000000422091_00330_43971_0429.N1	28-JUL-2010 22:54:18	Dark	42.000	146	25Eta Tau	2.8730	15200.	84	43971	No
120	GOM_TRA_1PNPDE20100728_225553_000000522091_00330_43971_0430.N1	28-JUL-2010 22:55:53	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	43971	No
121	GOM_TRA_1PNPDE20100728_225756_000000392091_00330_43971_0431.N1	28-JUL-2010 22:57:56	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	43971	No
122	GOM_TRA_1PNPDE20100728_230132_000000402091_00330_43971_0432.N1	28-JUL-2010 23:01:32	Dark	40.000	128	67Bet Eri	2.7840	9700.0	80	43971	No
123	GOM_TRA_1PNPDE20100728_230626_000000522091_00330_43971_0546.N1	28-JUL-2010 23:06:26	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	43971	No
124	GOM_TRA_1PNPDE20100728_231549_000000442091_00330_43971_0547.N1	28-JUL-2010 23:15:49	Dark	44.000	157	The1Eri	2.9060	9300.0	88	43971	No
125	GOM_TRA_1PNPDE20100728_232132_000000522091_00331_43972_0548.N1	28-JUL-2010 23:21:32	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43972	No
126	GOM_TRA_1PNPDE20100728_232559_000000582091_00331_43972_0549.N1	28-JUL-2010 23:25:59	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	43972	No
127	GOM_TRA_1PNPDE20100728_232834_000000402091_00331_43972_0550.N1	28-JUL-2010 23:28:34	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	43972	No
128	GOM_TRA_1PNPDE20100728_233151_000000502091_00331_43972_0551.N1	28-JUL-2010 23:31:51	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43972	No

129	GOM_TRA_1PNPDE20100728_233502_000000492091_00331_43972_0552.N1	28-JUL-2010 23:35:02	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43972	No
130	GOM_TRA_1PNPDE20100728_235121_000000402091_00331_43972_0553.N1	28-JUL-2010 23:51:21	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43972	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).

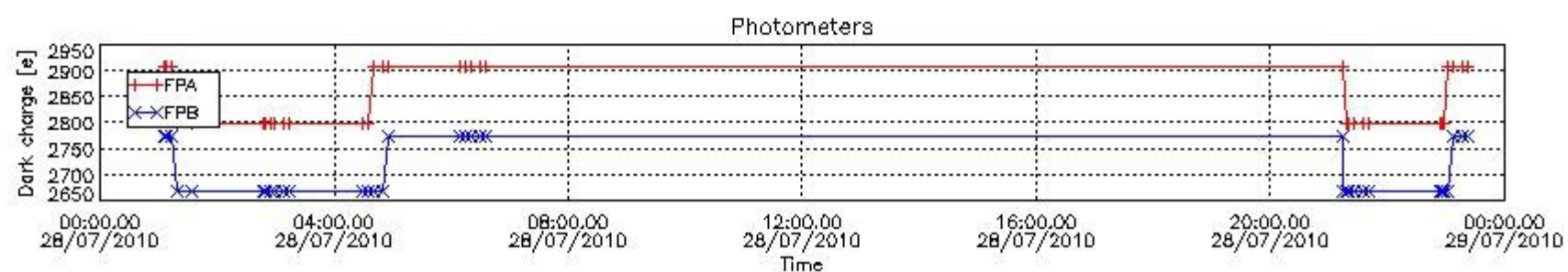
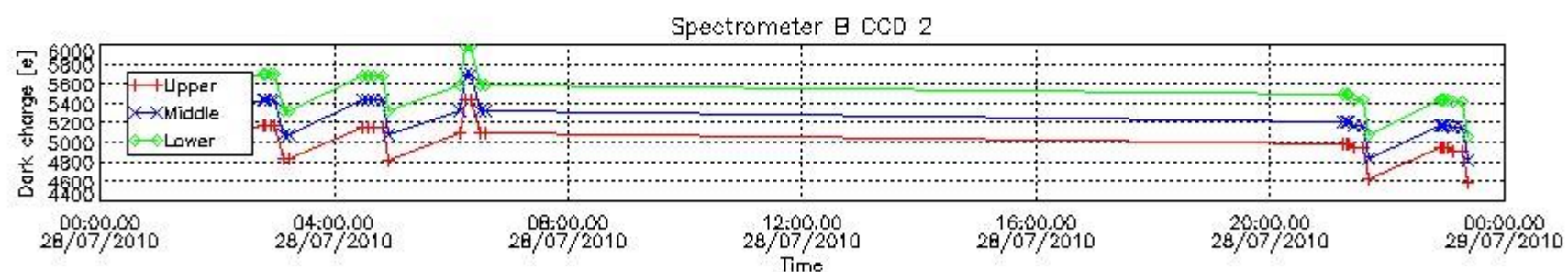
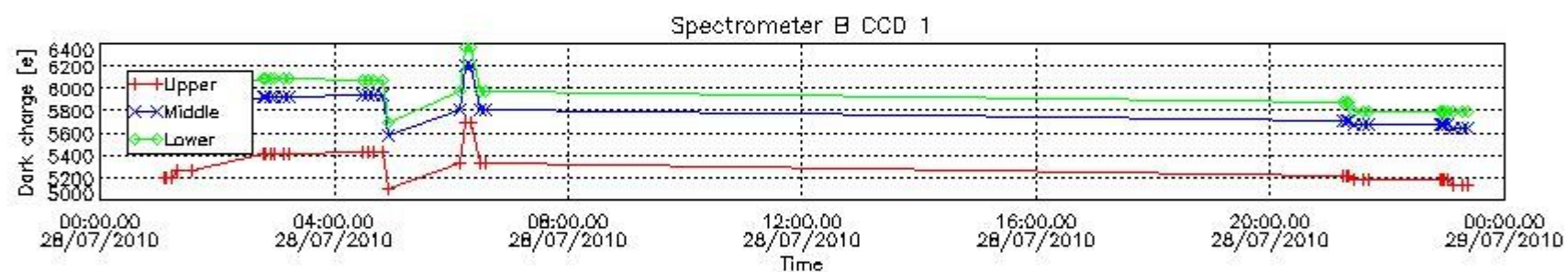
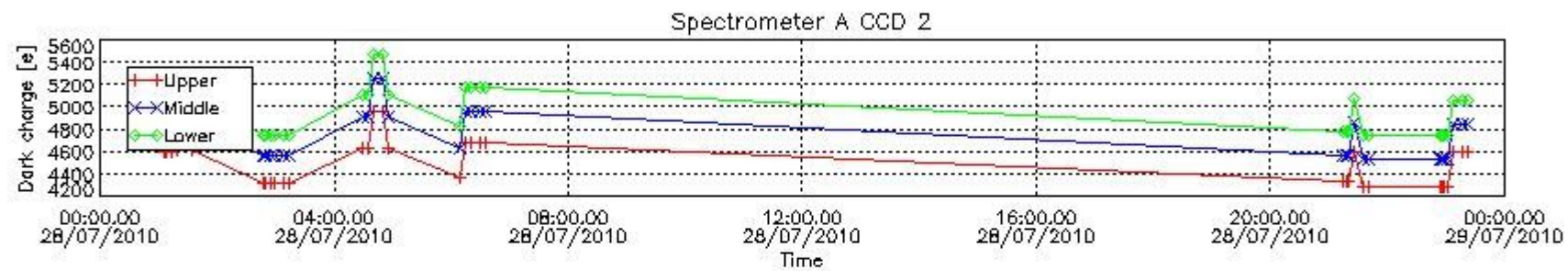
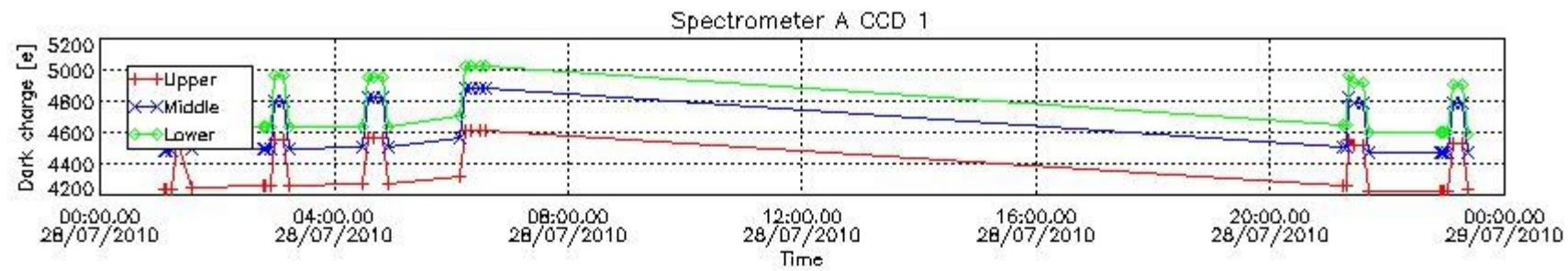
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20100728_201039_000000512091_00329_43970_0382.N1	DC map used
GOM_TRA_1PNPDE20100728_201349_000000482091_00329_43970_0383.N1	DC map used
GOM_TRA_1PNPDE20100728_203010_000000392091_00329_43970_0384.N1	DC map used
GOM_TRA_1PNPDE20100728_203914_000000472091_00329_43970_0385.N1	DC map used
GOM_TRA_1PNPDE20100728_204052_000000392091_00329_43970_0386.N1	DC map used
GOM_TRA_1PNPDE20100728_204217_000000452091_00329_43970_0387.N1	DC map used
GOM_TRA_1PNPDE20100728_204738_000000432091_00329_43970_0388.N1	DC map used
GOM_TRA_1PNPDE20100728_210222_000000452091_00329_43970_0389.N1	DC map used

GOM_TRA_1PNPDE20100728_210356_000000502091_00329_43970_0390.N1	DC map used
GOM_TRA_1PNPDE20100728_210545_000000542091_00329_43970_0391.N1	DC map used
GOM_TRA_1PNPDE20100728_210743_000000652091_00329_43970_0392.N1	DC map used
GOM_TRA_1PNPDE20100728_211040_000000532091_00329_43970_0393.N1	DC map used
GOM_TRA_1PNPDE20100728_211342_000000422091_00329_43970_0394.N1	DC map used
GOM_TRA_1PNPDE20100728_211517_000000612091_00329_43970_0395.N1	DC map used
GOM_TRA_1PNPDE20100728_211720_000000412091_00329_43970_0396.N1	DC map used
GOM_TRA_1PNPDE20100728_212056_000000412091_00329_43970_0397.N1	DC map used

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



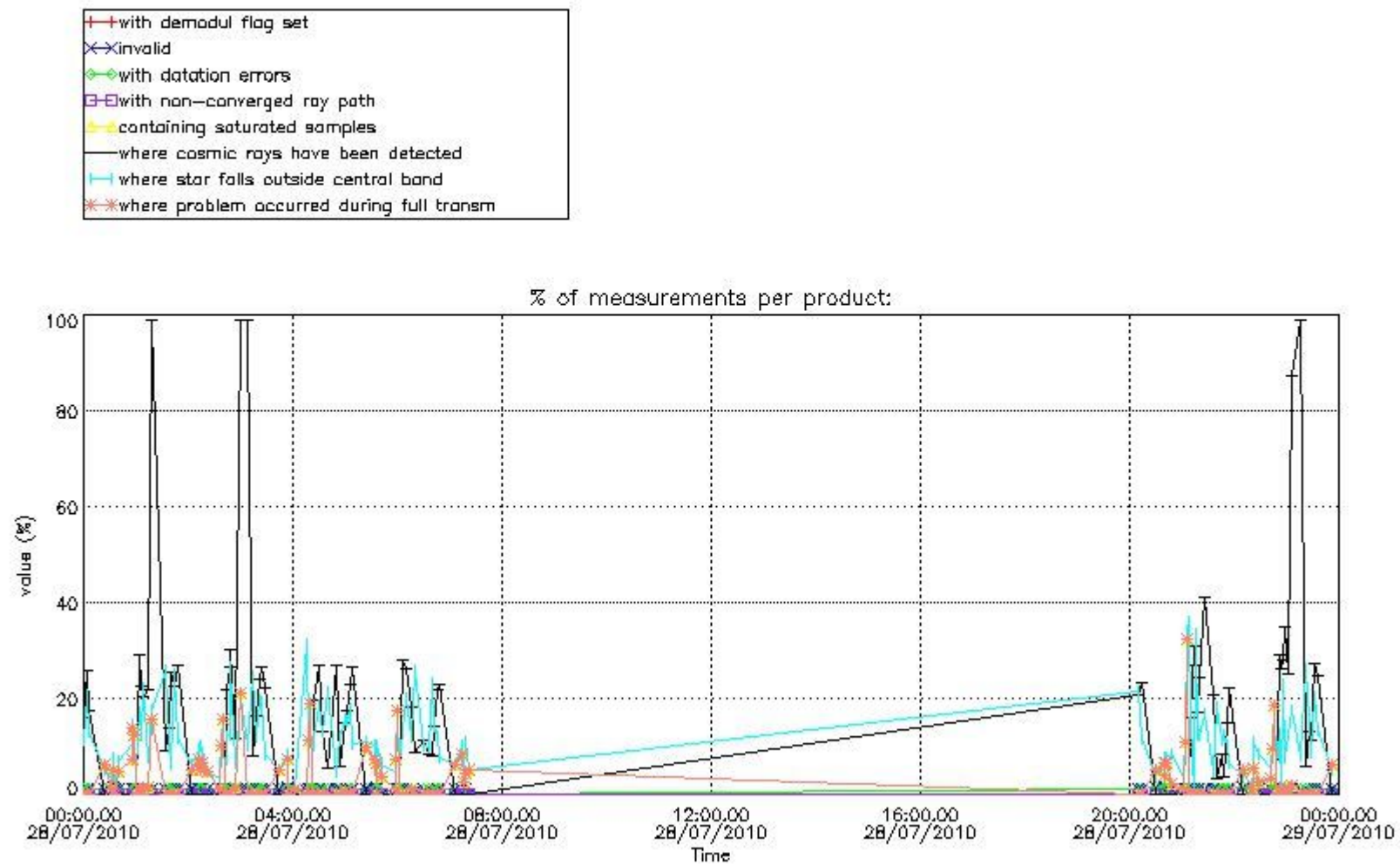
5. Demodulation flag and quality information monitoring

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.

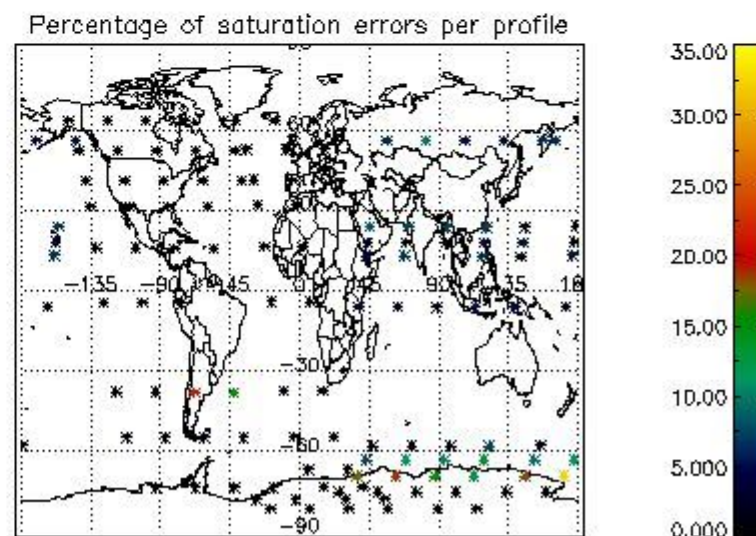
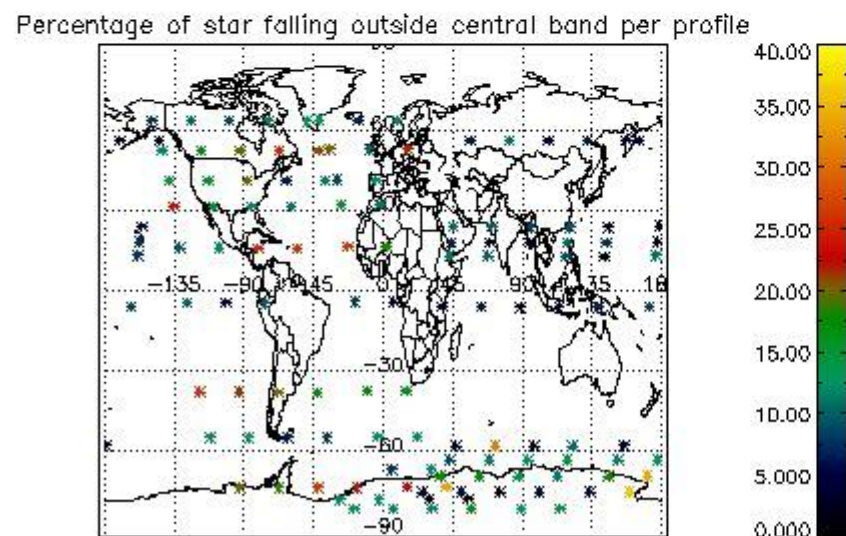
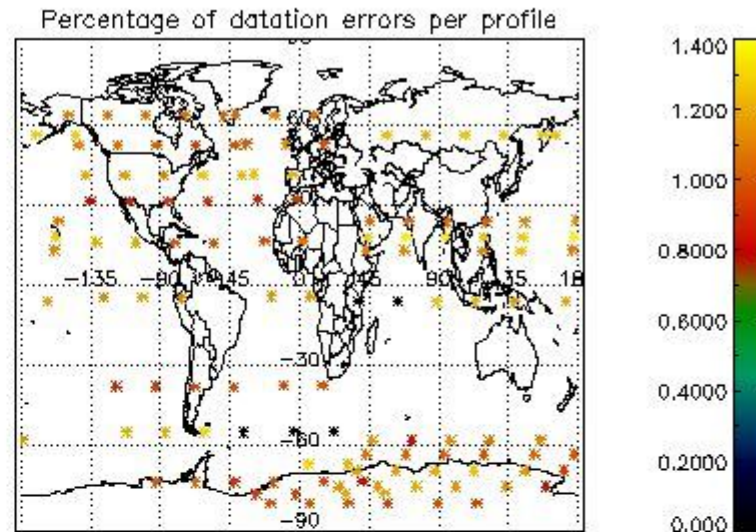
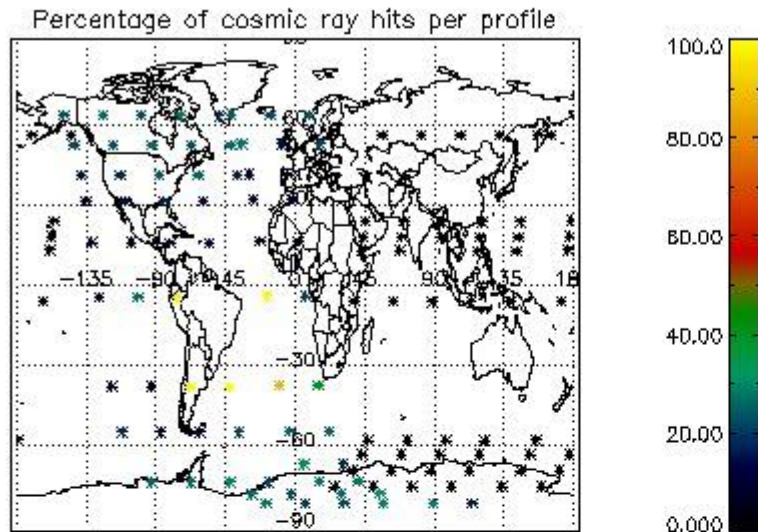
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	43.4109 %
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)



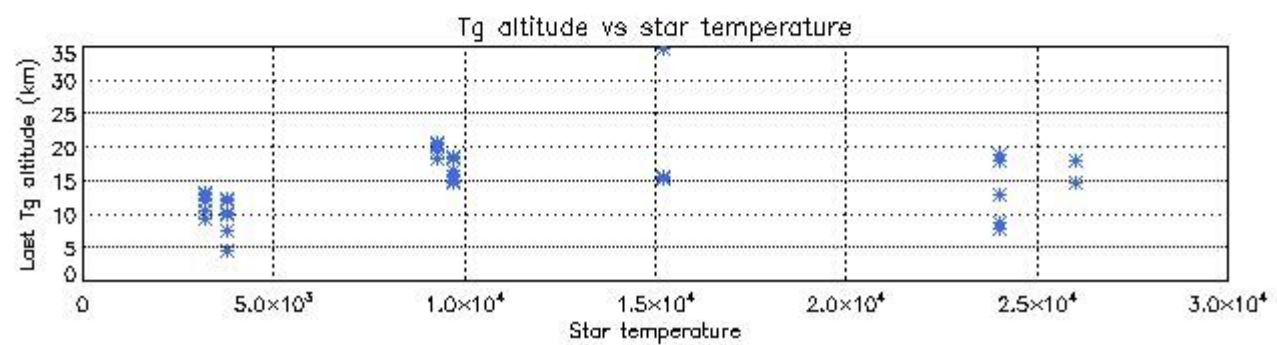
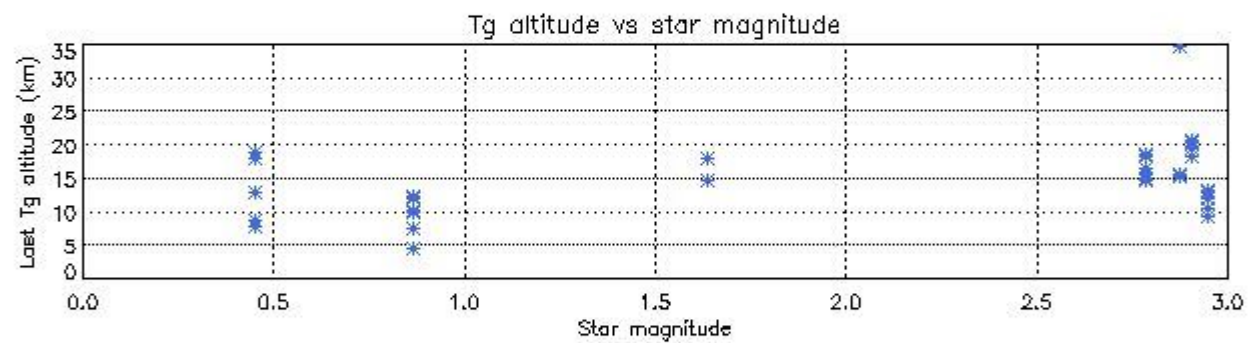
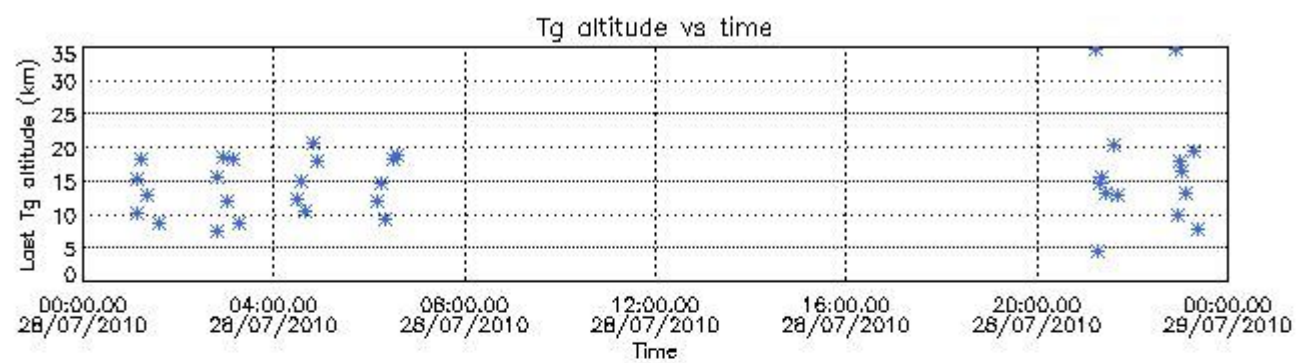
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.141	19.512	NaN
St. deviation:	6.3892	4.5717	NaN
Maximum:	34.826	27.894	NaN
Minimum:	4.4431	3.9254	NaN
Number of data:	35.000	59.000	NaN

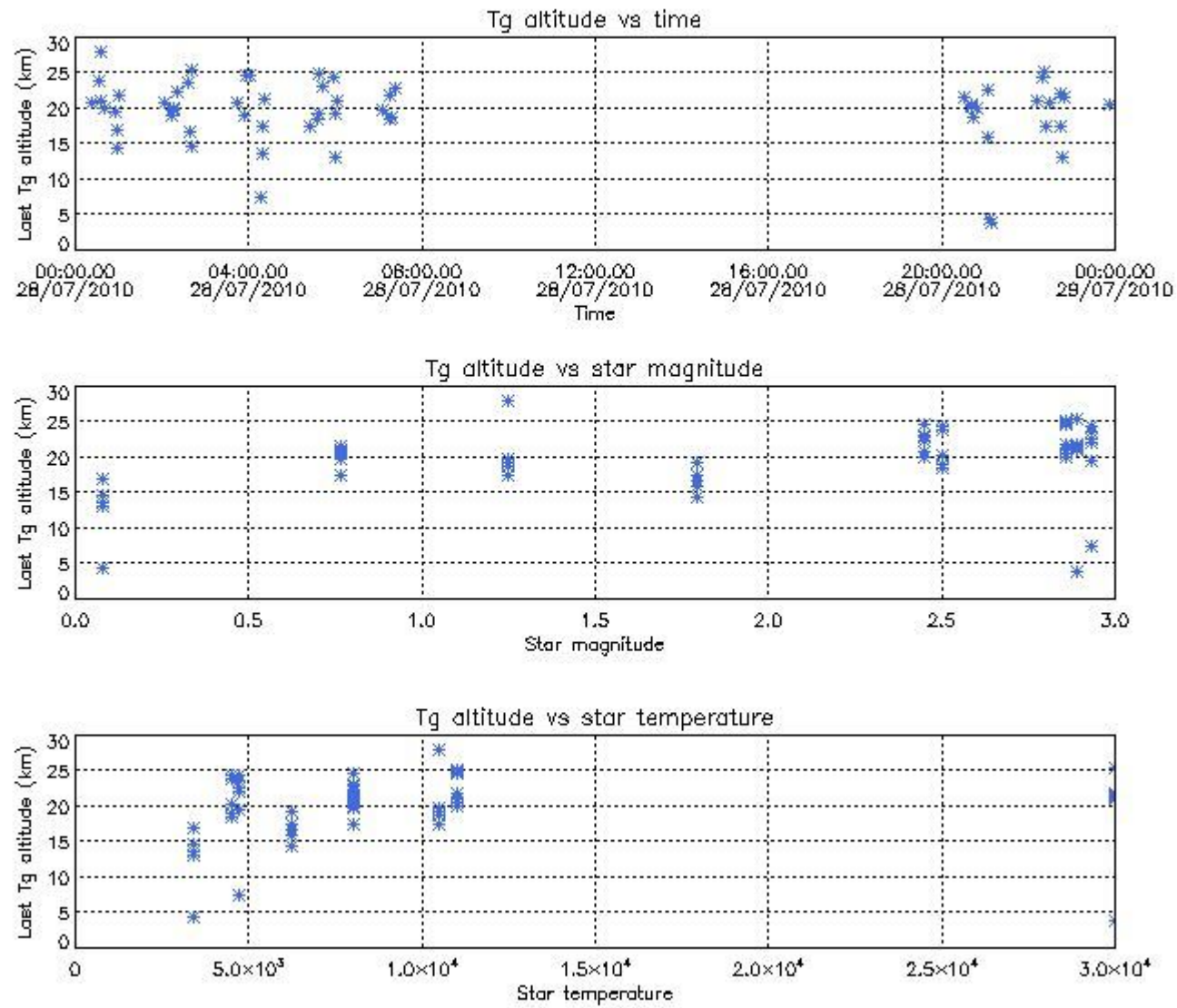
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

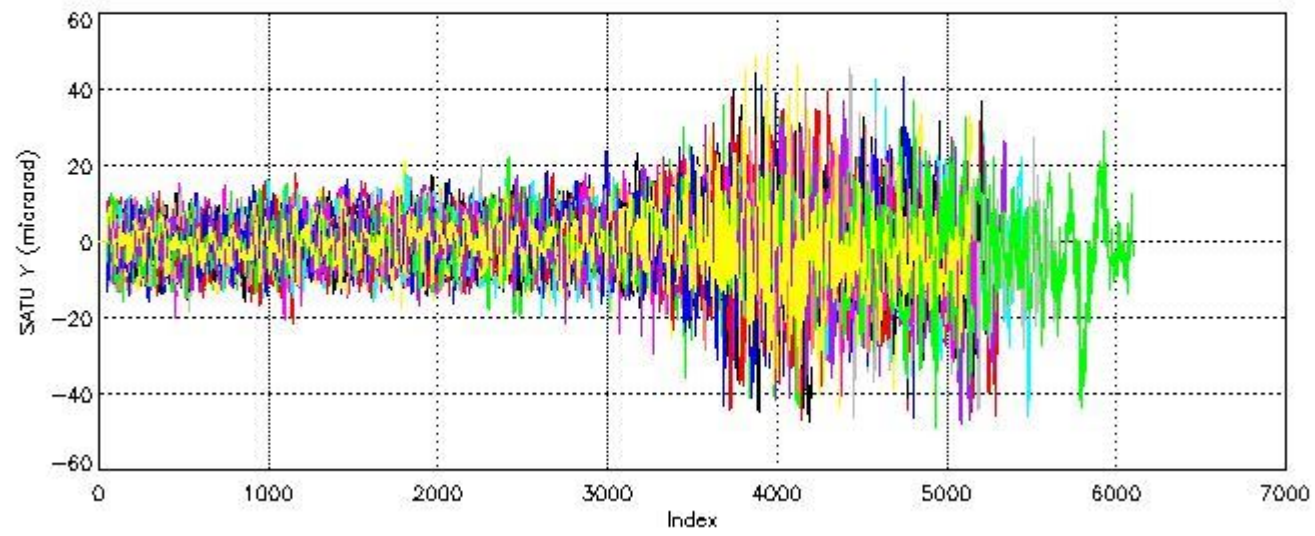
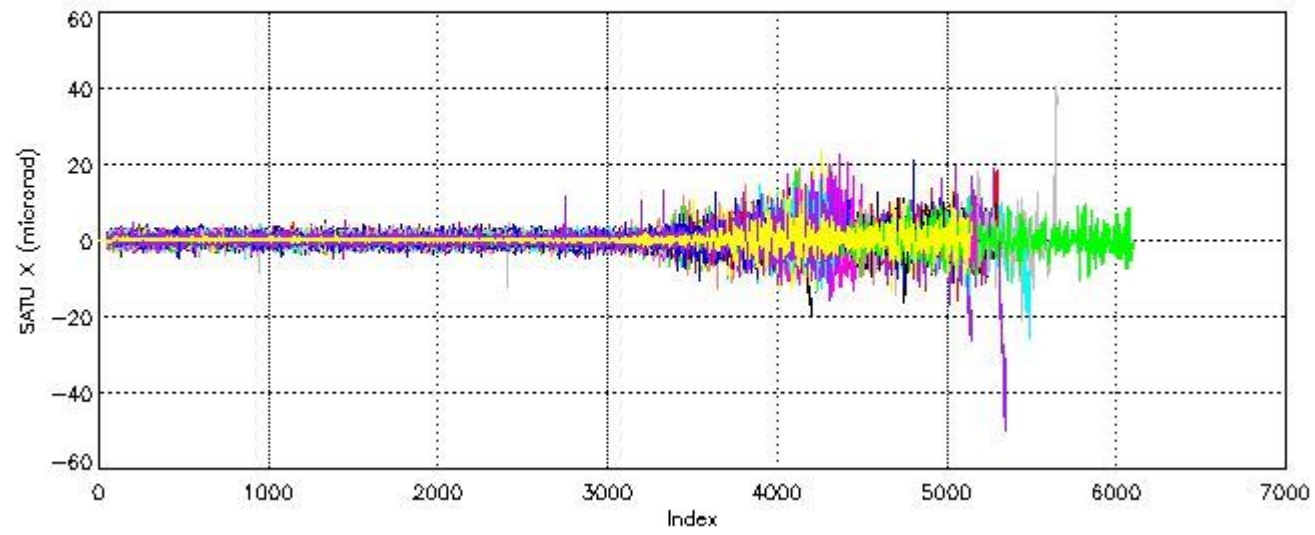


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.16146	-0.93301	0.22539	-0.70559
St. deviation:	0.64526	4.3582	0.76805	4.2841
Maximum:	4.5000	16.200	5.8000	14.400
Minimum:	-8.2000	-20.200	-5.6000	-18.000

Number of data:	35300.	35300.	60300.	60300.
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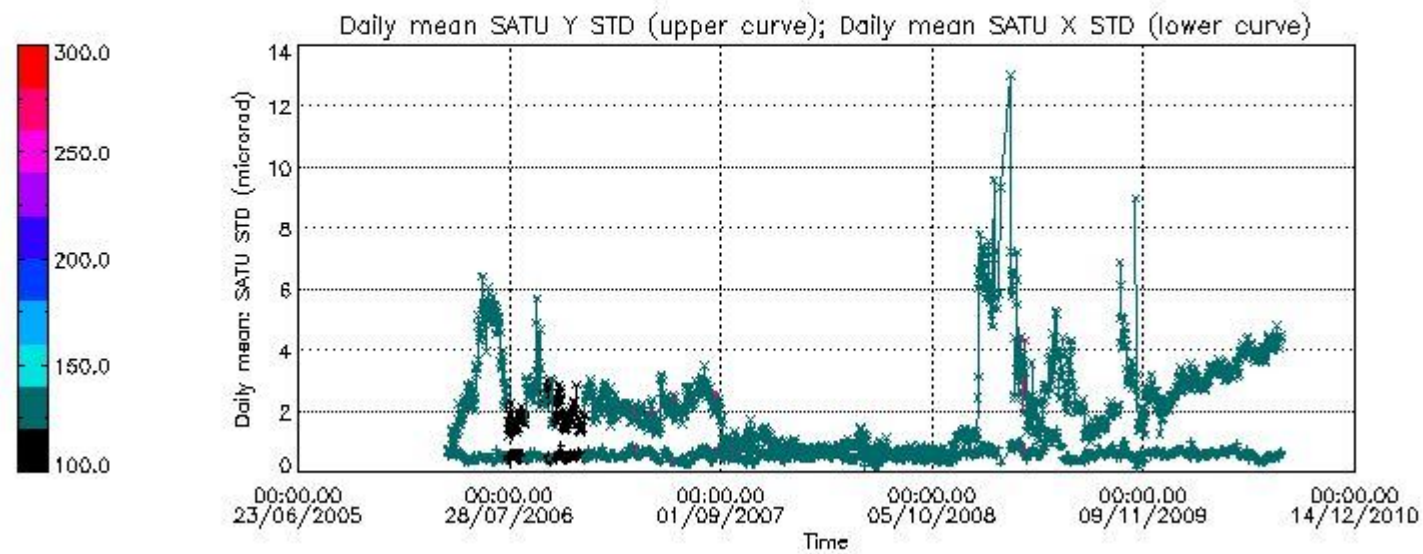
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

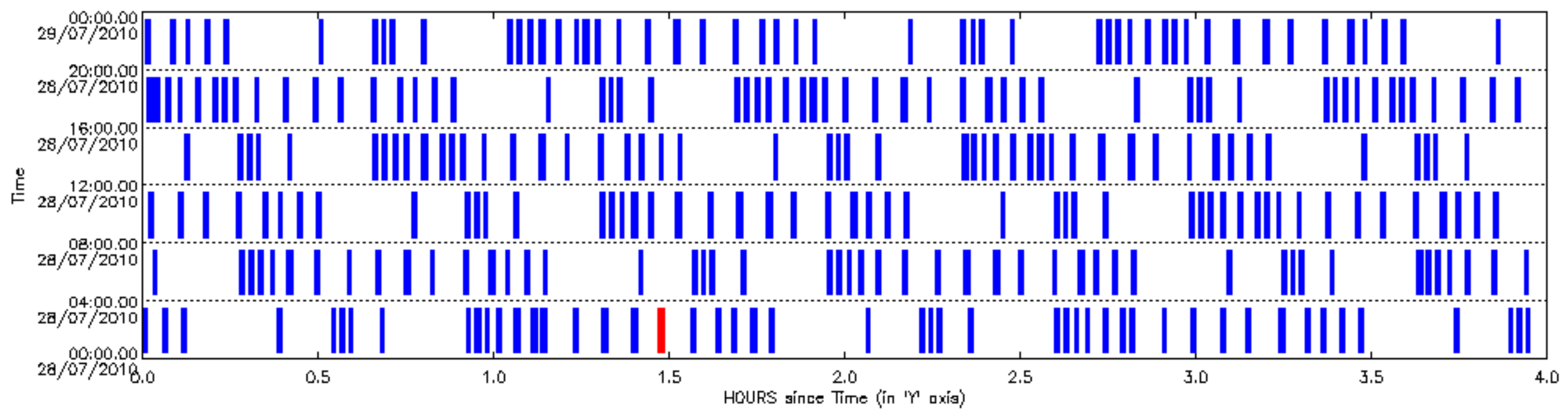
Lower curve: STD of SATU X axis

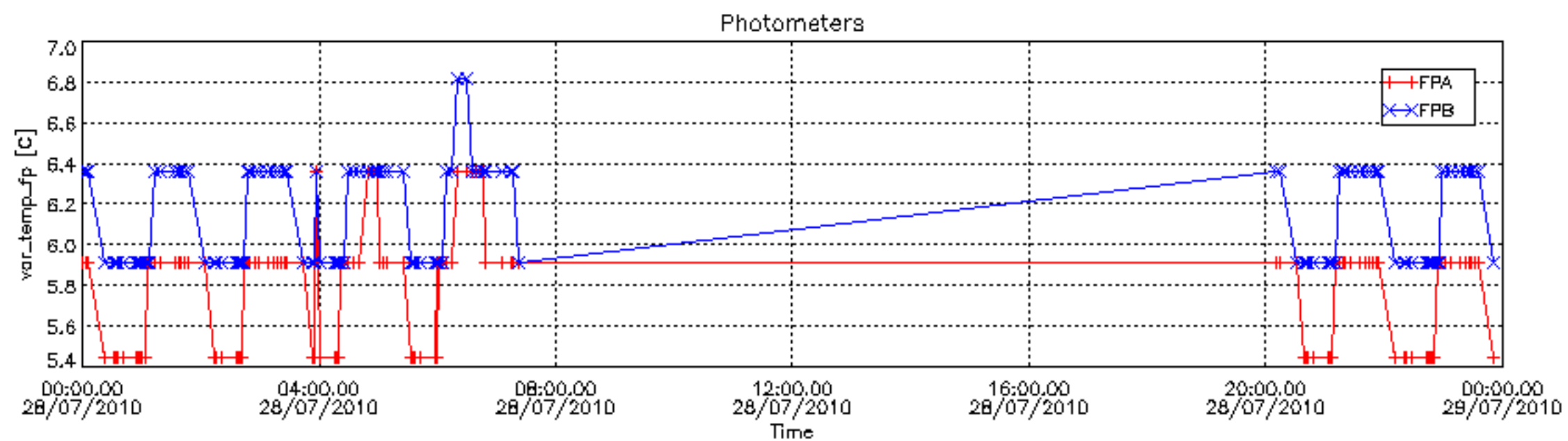
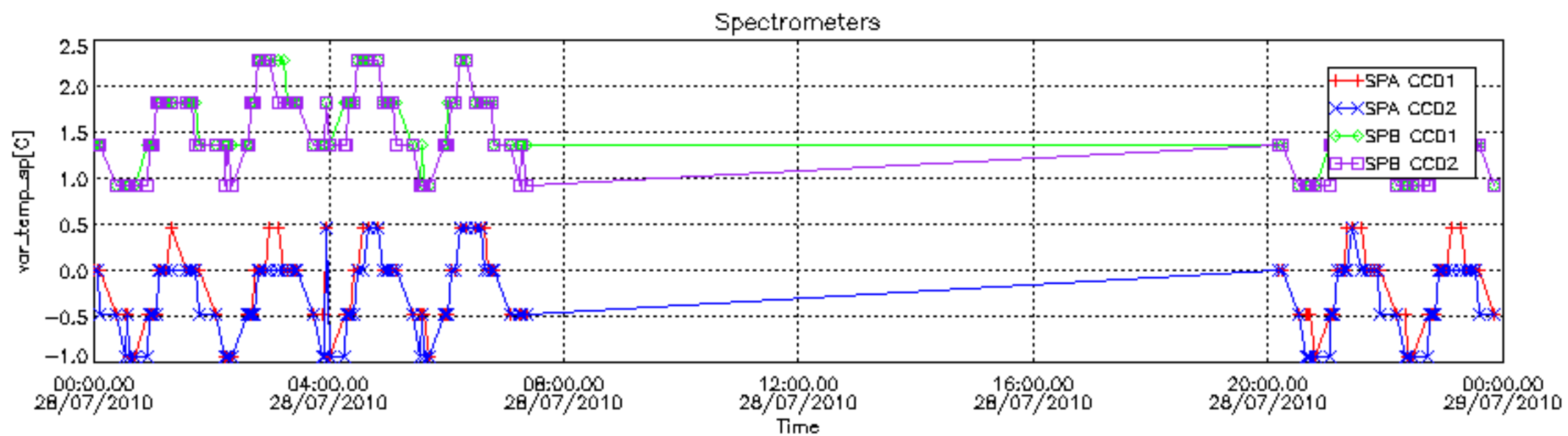


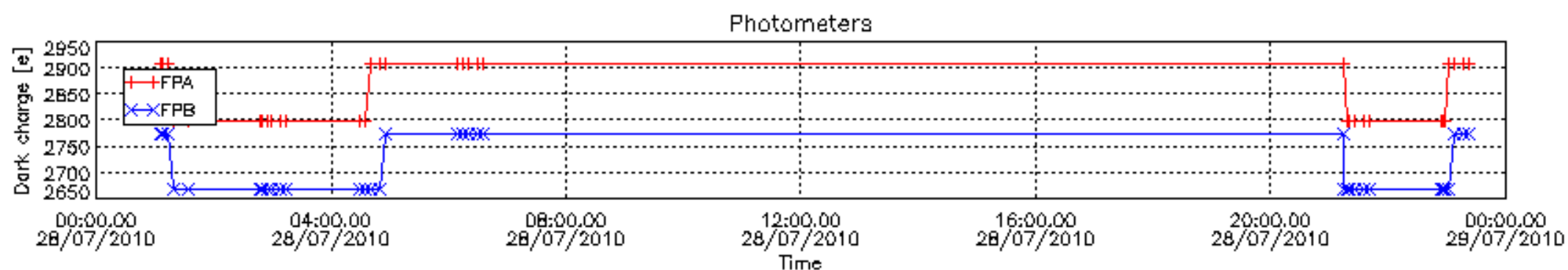
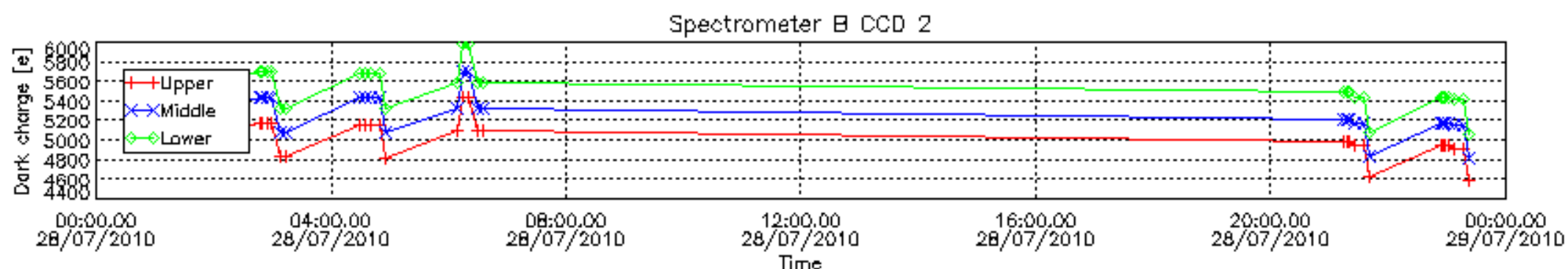
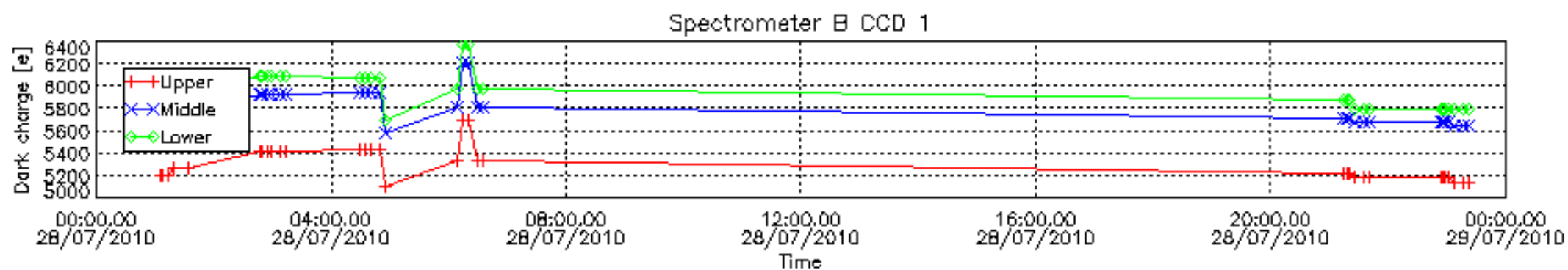
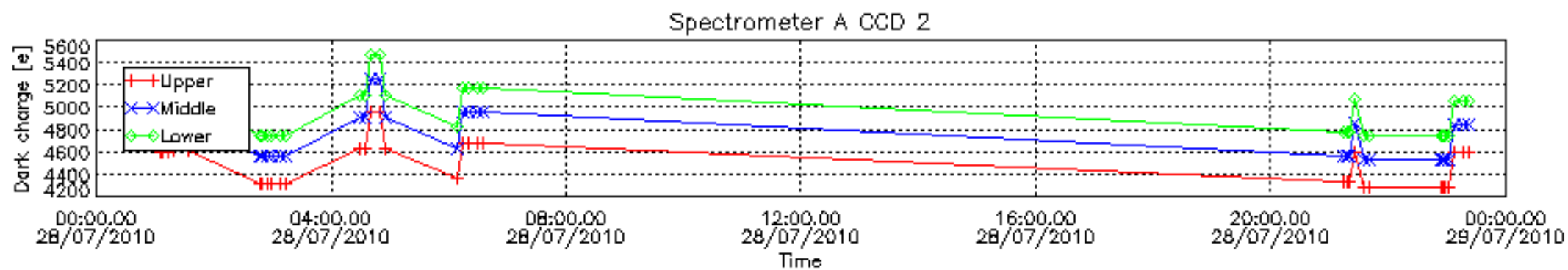
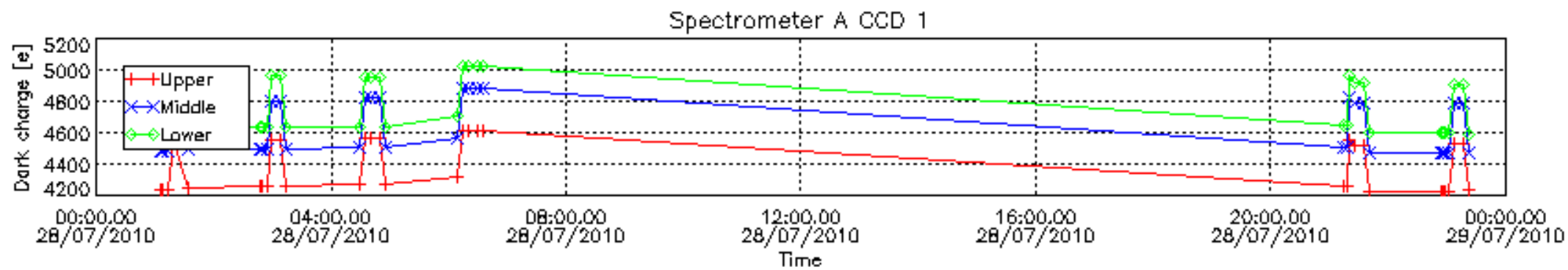
8. Auxiliary Data Files used for the production reported in section 2.4

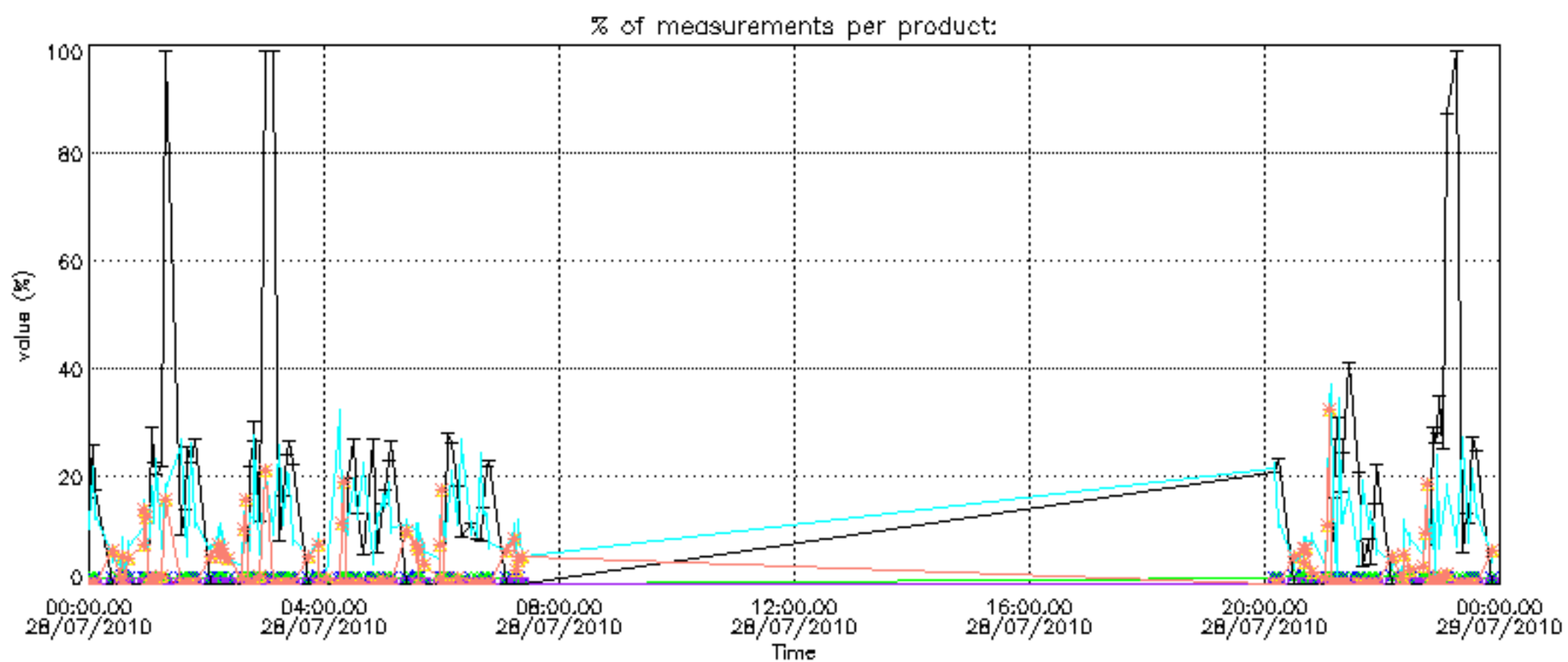
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-JUL-2010 00:00:05
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100727_083506_20100725_000000_20500101_000000	1	28-JUL-2010 00:00:05
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	28-JUL-2010 00:00:05
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	28-JUL-2010 00:00:05
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	28-JUL-2010 00:00:05
ECMWF_FILE	AUX_ECF_AXNECM20100727_054112_20100727_210000_20100728_090000	1	28-JUL-2010 00:00:05
ECMWF_FILE	MISSING	86	28-JUL-2010 20:10:39
OPTIONAL_ECMWF_FILE	MISSING	1	28-JUL-2010 00:00:05
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100727_111059_20100726_191824_20100805_204438	1	28-JUL-2010 00:00:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100728_011443_000092452091_00317_43958_0837.N1	17	28-JUL-2010 01:18:28
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100728_035407_000066952091_00319_43960_0838.N1	46	28-JUL-2010 03:56:23
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100728_055101_000057382091_00320_43961_0839.N1	67	28-JUL-2010 05:57:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100728_200626_000041442091_00329_43970_0840.N1	86	28-JUL-2010 20:10:39
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100728_212049_000057382091_00329_43970_0841.N1	102	28-JUL-2010 21:25:49
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100728_092112_20100727_184647_20100806_201301	123	28-JUL-2010 23:06:26

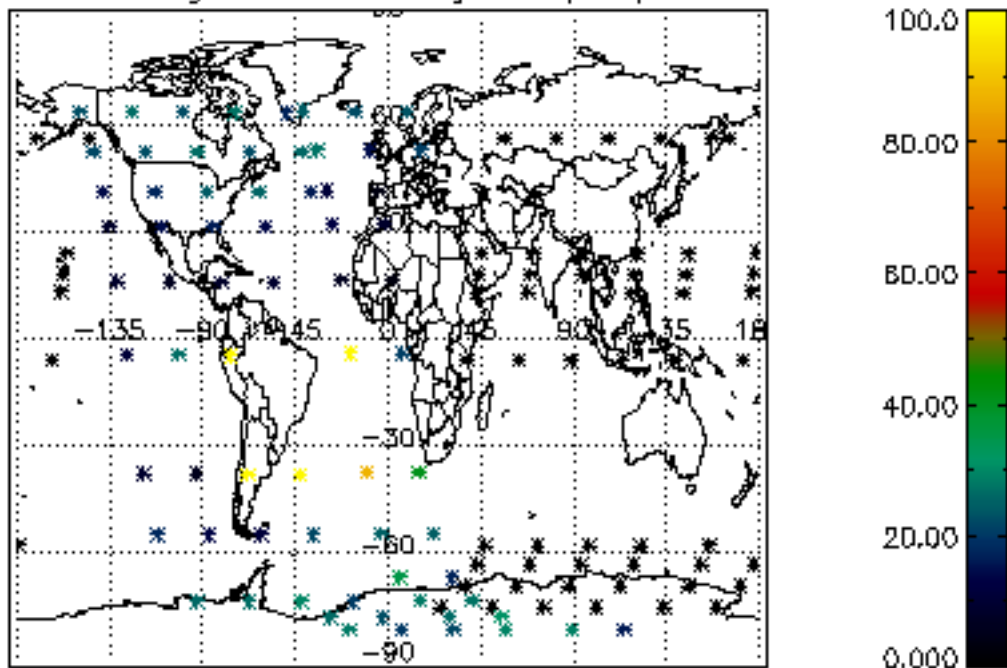




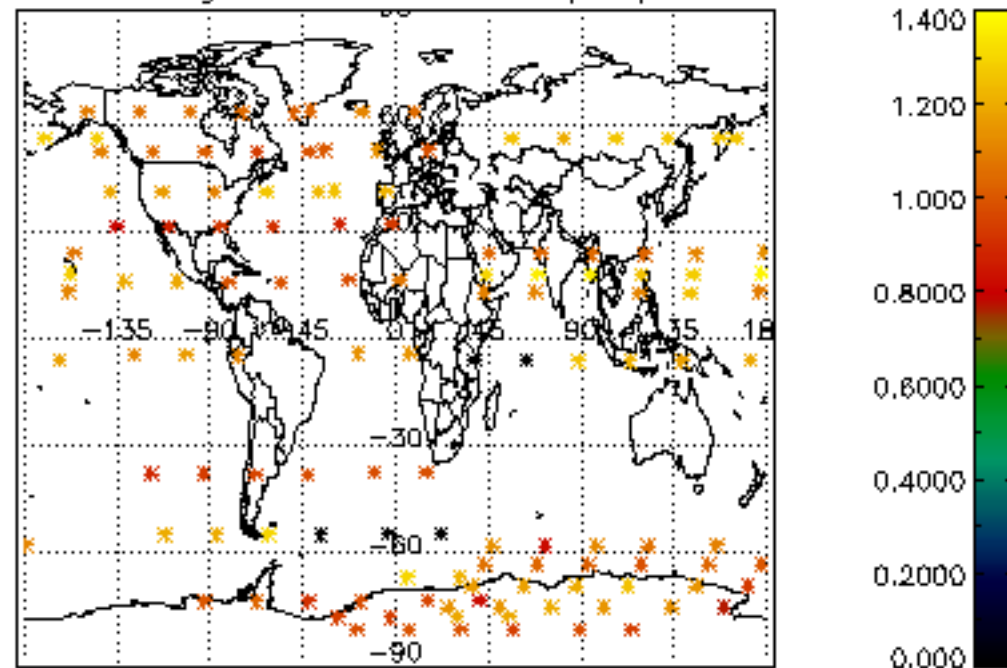




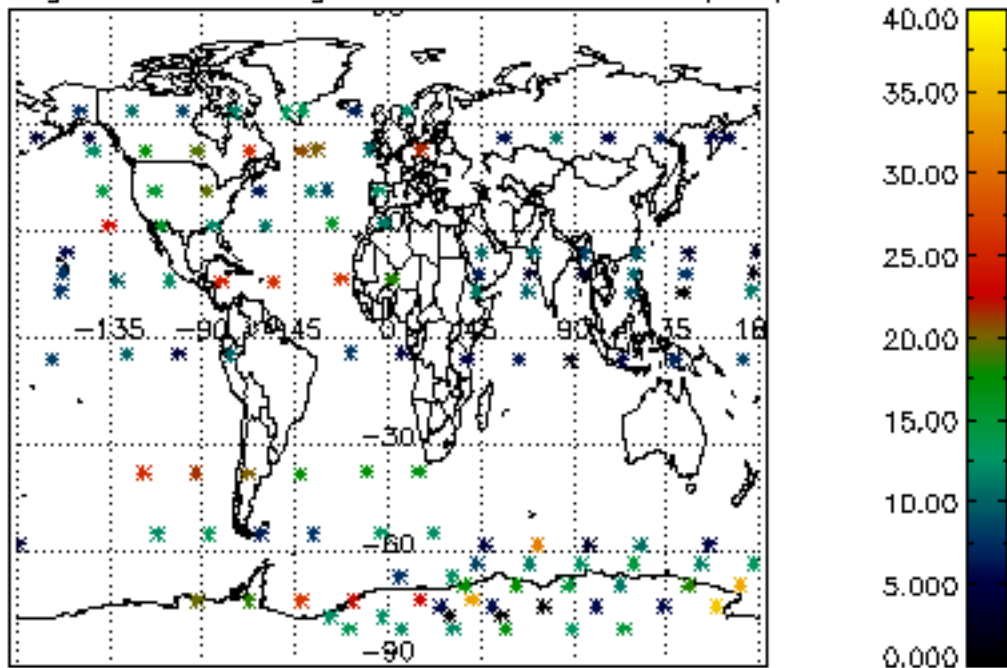
Percentage of cosmic ray hits per profile



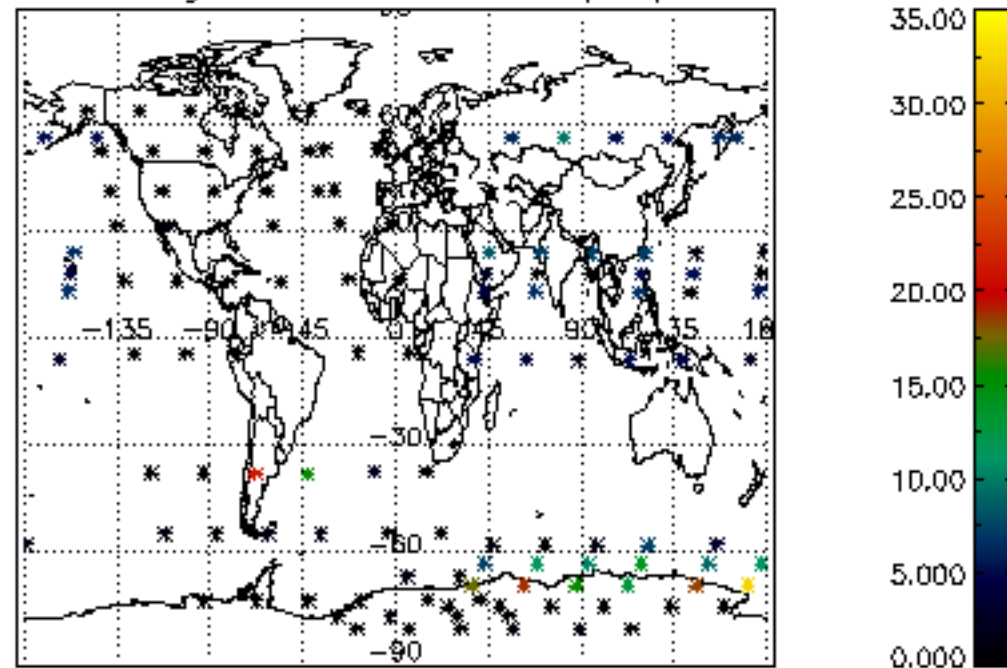
Percentage of datation errors per profile



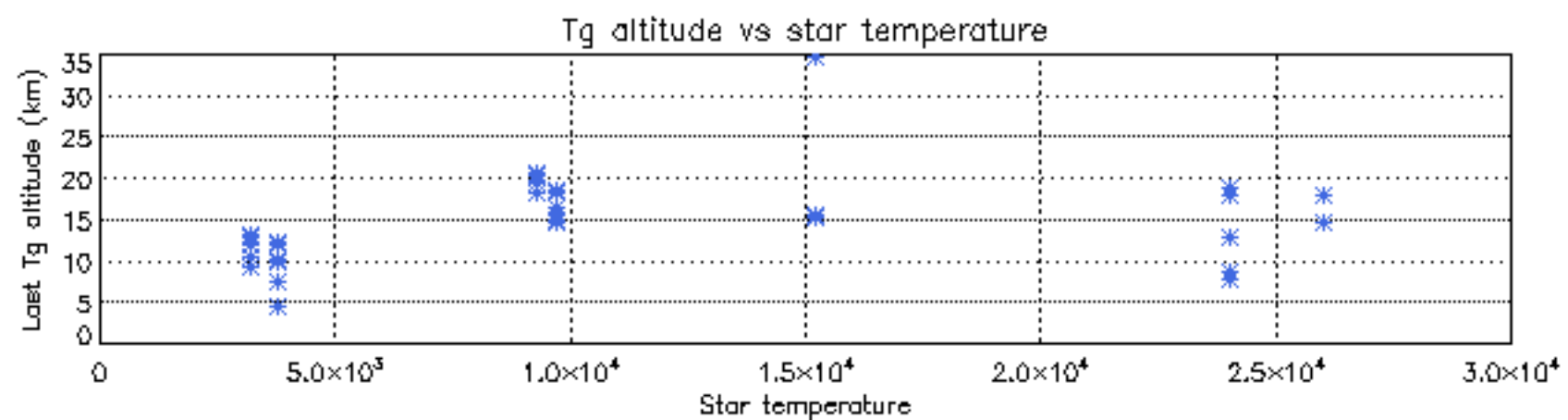
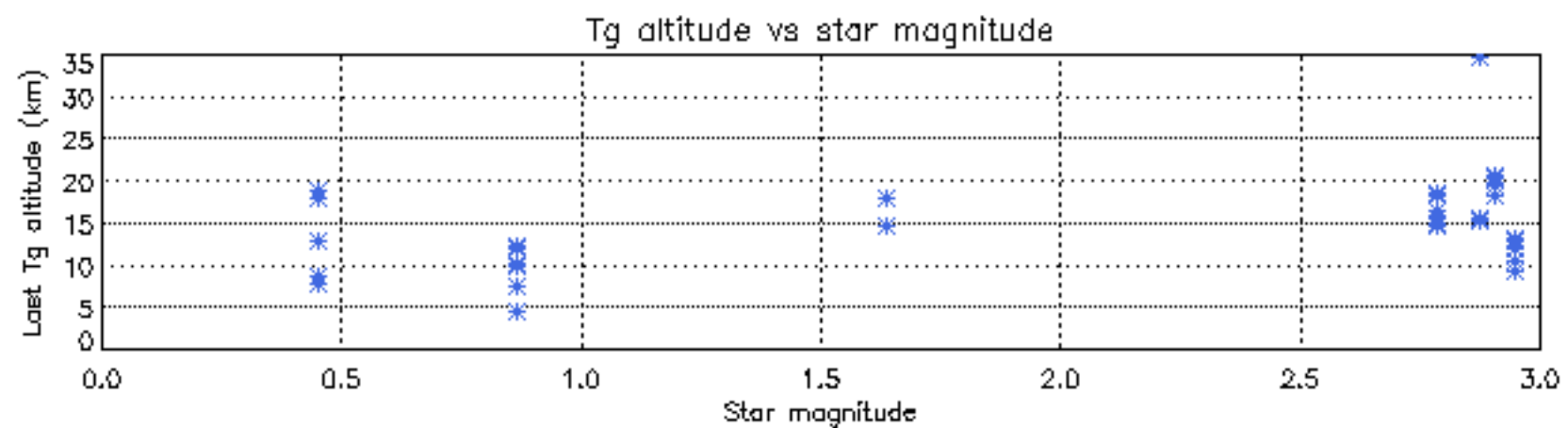
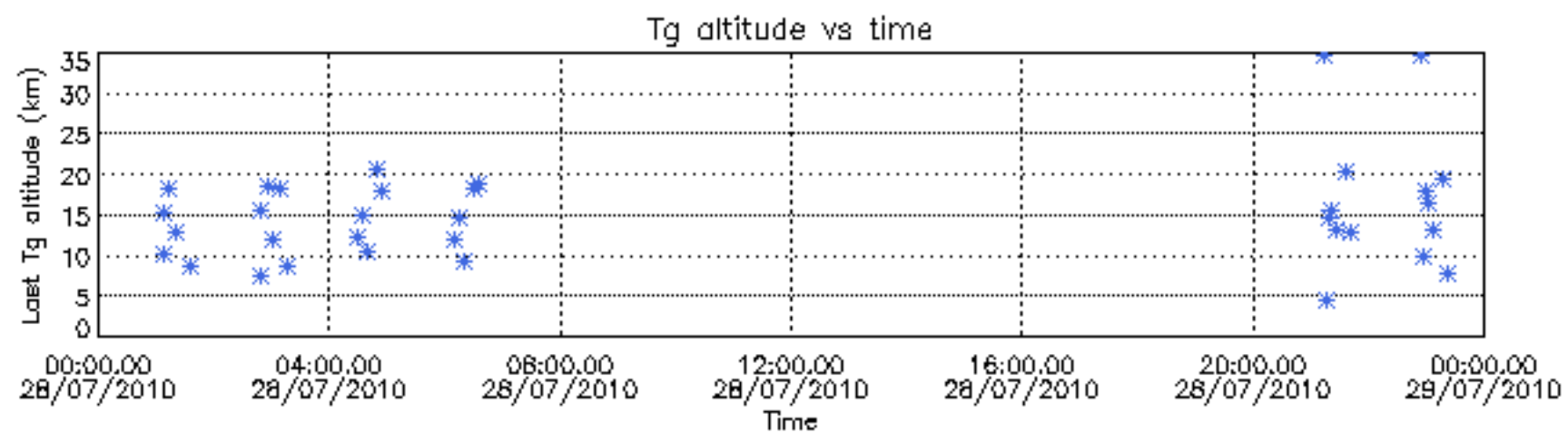
Percentage of star falling outside central band per profile



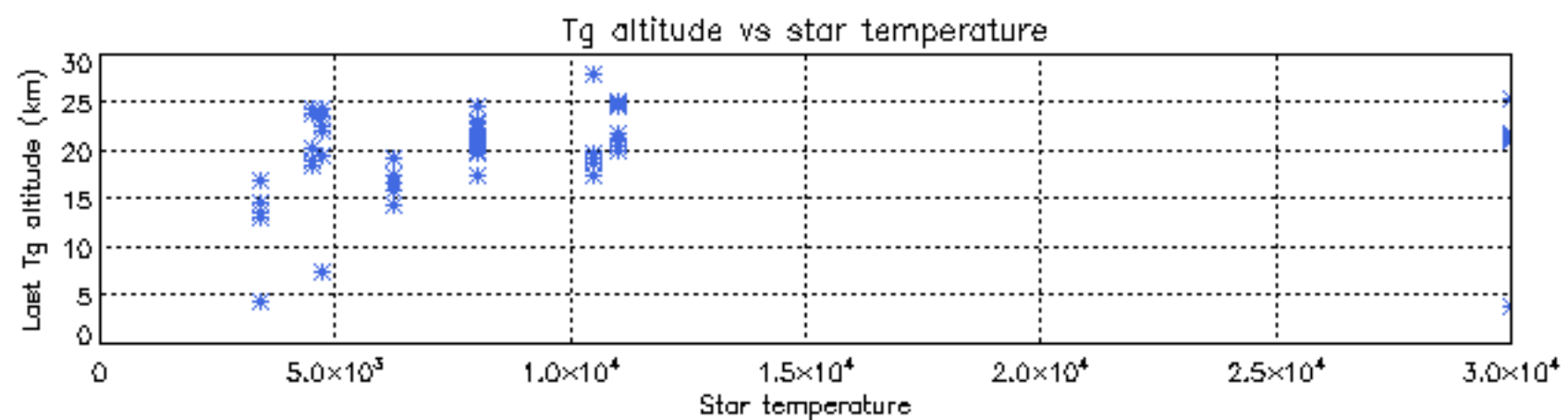
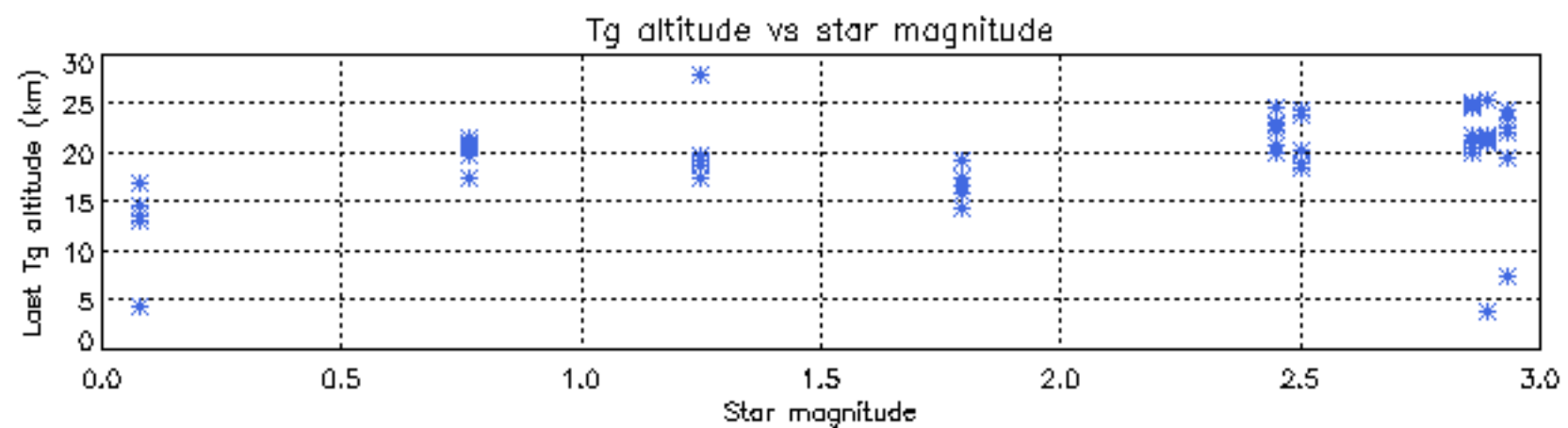
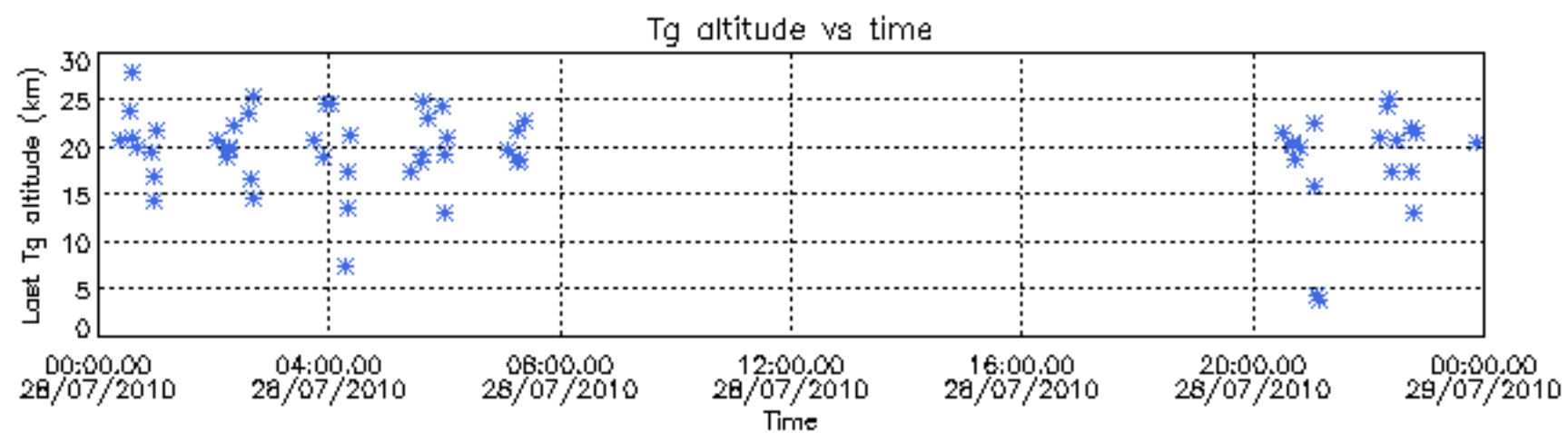
Percentage of saturation errors per profile

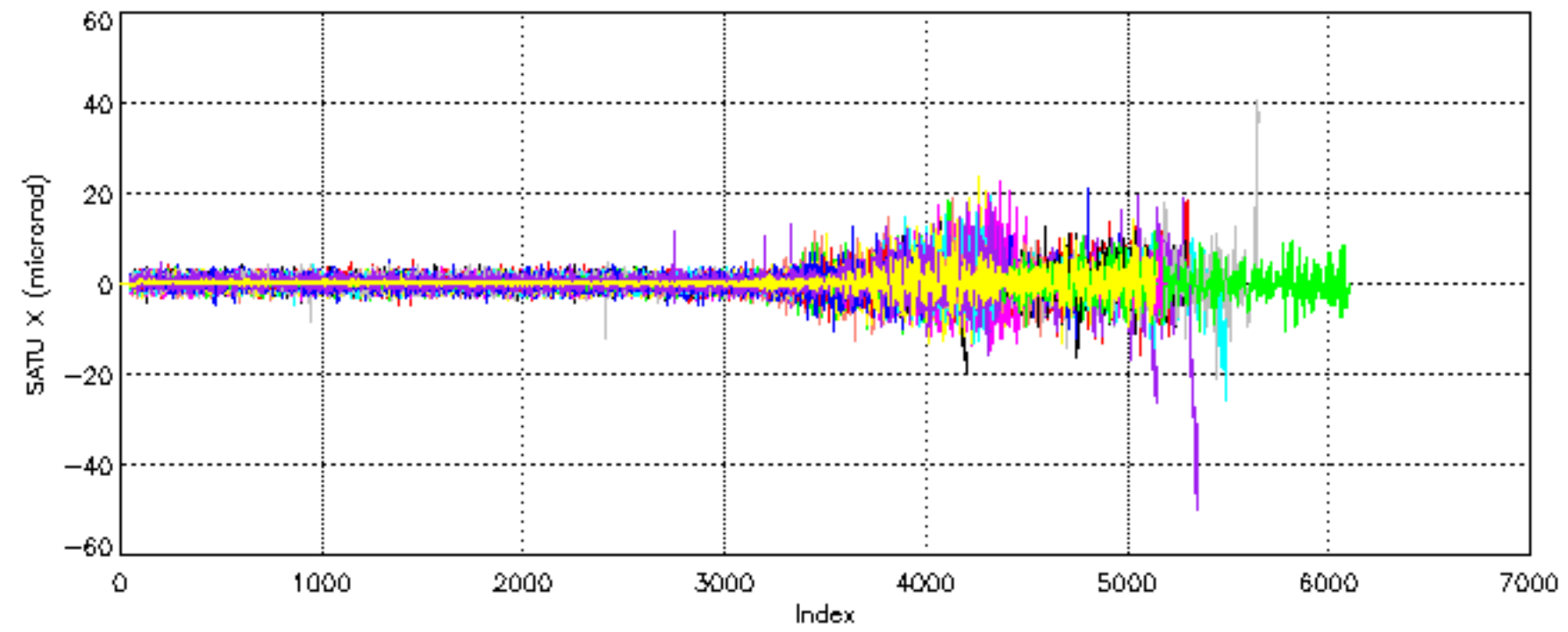


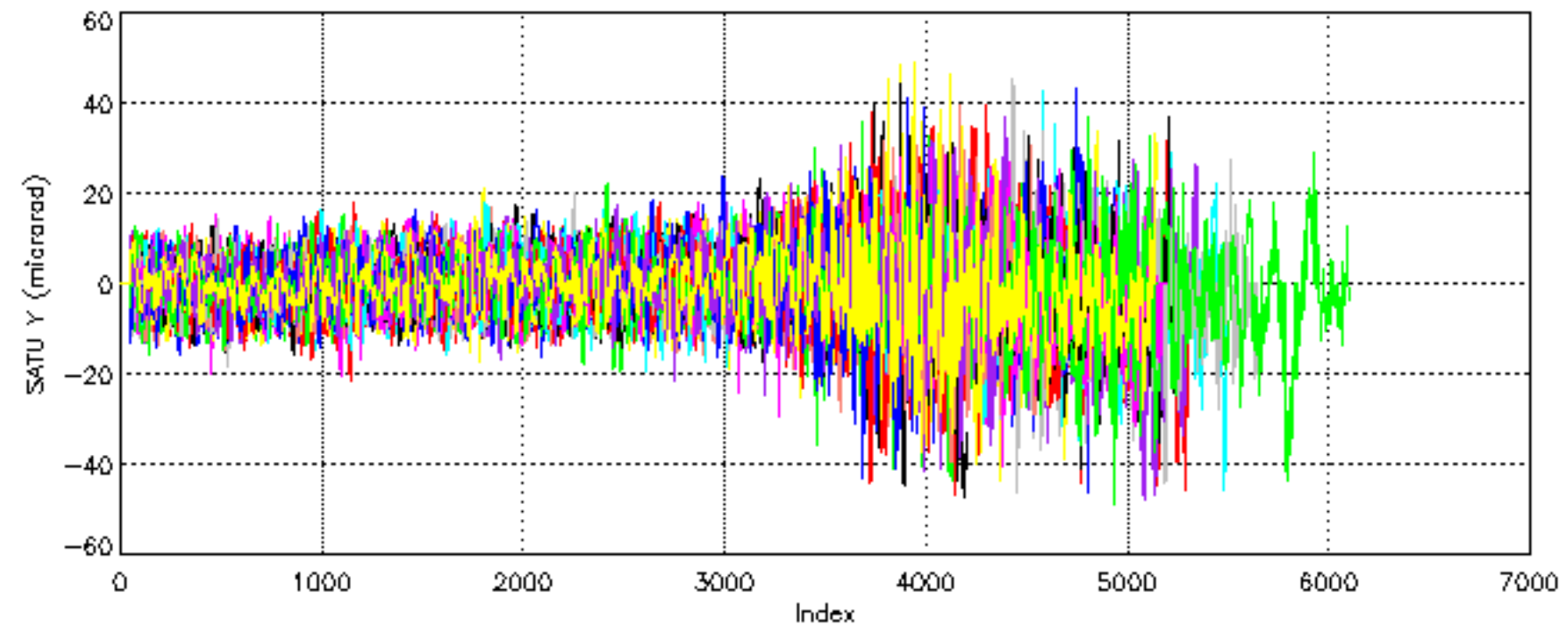
Tangent altitude at which the star is lost

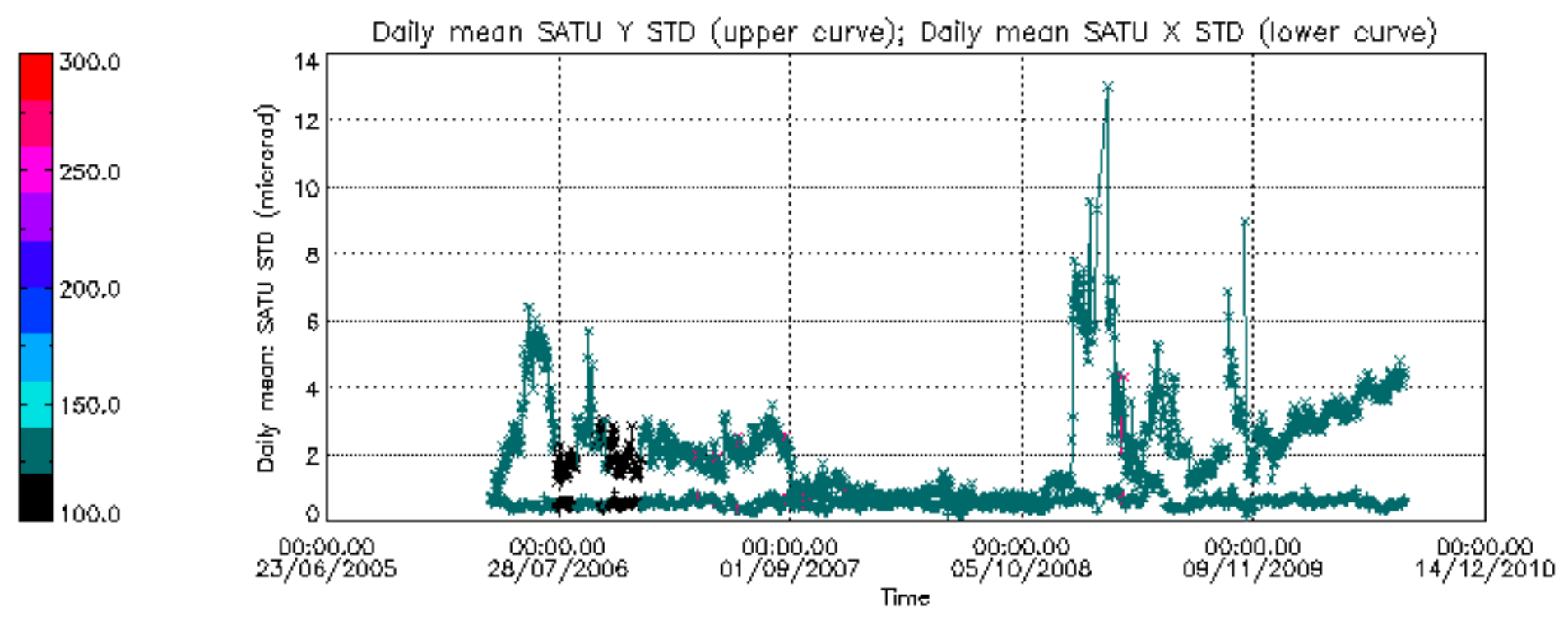


Tangent altitude at which the star is lost









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

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

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

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


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8; -533.7; 01-JUL-2010 05:30:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43574
9; 97.7; 01-JUL-2010 05:40:50; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43575
10; 486.8; 01-JUL-2010 05:47:19; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;43575
11; 602.8; 01-JUL-2010 05:49:15; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;43575
12; 745.4; 01-JUL-2010 05:51:37; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43575
13; 1314.8; 01-JUL-2010 06:01:07; Dark ; 45.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 91; 0;43575
14; 1389.0; 01-JUL-2010 06:02:21; Bright; 44.5; 57; 34Sig Sgr ; 2.07; 26000;occ; 89; 0;43575
15; 1480.9; 01-JUL-2010 06:03:53; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43575
16; 1982.2; 01-JUL-2010 06:12:14; Bright; 37.0; 126; 60Bet Oph ; 2.77; 4250;occ; 74; 0;43575
17; 2121.9; 01-JUL-2010 06:14:34; Bright; 37.0; 59; 55Alp Oph ; 2.08; 8900;occ; 74; 0;43575
18; 2232.3; 01-JUL-2010 06:16:24; Bright; 48.0; 168; 17Zet Aql ; 2.99; 11000;occ; 96; 0;43575
19; 2651.8; 01-JUL-2010 06:23:24; Bright; 45.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 90; 0;43575
20; 2808.8; 01-JUL-2010 06:26:01; Bright; 37.0; 130; 23Bet Dra ; 2.80; 5800;occ; 74; 0;43575
21; 2923.1; 01-JUL-2010 06:27:55; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43575
22; 3343.8; 01-JUL-2010 06:34:56; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;43575
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2; -2149.1; 01-JUL-2010 06:43:59; Bright; 51.0; 68; 18Alp Cas ; 2.22; 4500;occ; 102; 0;43575
3; -1973.8; 01-JUL-2010 06:46:54; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;43575
4; -1769.3; 01-JUL-2010 06:50:19; Bright; 51.5; 73; 57Gam1And ; 2.26; 13100;occ; 103; 0;43575
5; -1611.1; 01-JUL-2010 06:52:57; Dark ; 47.0; 173; 4Bet Tri ; 3.00; 8900;occ; 94; 0;43575
6; -1356.0; 01-JUL-2010 06:57:12; Dark ; 56.5; 50; 13Alp Ari ; 2.01; 4250;occ; 113; 0;43575
7; -1058.6; 01-JUL-2010 07:02:09; Dark ; 49.0; 94; 92Alp Cet ; 2.53; 3100;occ; 98; 0;43575
8; -532.8; 01-JUL-2010 07:10:55; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;43575
9; 98.8; 01-JUL-2010 07:21:27; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;43576
10; 487.4; 01-JUL-2010 07:27:55; Dark ; 65.0; 63; Bet Gru ; 2.15; 2800;occ; 130; 0;43576
11; 604.0; 01-JUL-2010 07:29:52; Dark ; 59.5; 31; Alp Gru ; 1.73; 15200;occ; 119; 0;43576
12; 745.9; 01-JUL-2010 07:32:14; Dark ; 49.0; 45; Alp Pav ; 1.94; 26000;occ; 98; 0;43576
13; 1315.1; 01-JUL-2010 07:41:43; Dark ; 48.5; 103; 38Zet Sgr ; 2.60; 9700;occ; 97; 0;43576
14; 1389.2; 01-JUL-2010 07:42:57; Bright; 44.0; 57; 34Sig Sgr ; 2.07; 26000;occ; 88; 0;43576
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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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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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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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
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9; 4062.1; 01-JUL-2010 11:48:42; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;43578

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5; 622.6; 02-JUL-2010 23:44:33; Dark ; 77.5; 18; 24Alp PsA ; 1.17; 9700;occ; 155; 0;43600
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 2; -4.4; 07-JUL-2010 00:48:50; Dark ; 76.0; 52; 16Bet Cet ; 2.04; 4500;occ; 152; 0;43657
 3; 185.2; 07-JUL-2010 00:51:59; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;43658
 4; 565.1; 07-JUL-2010 00:58:19; Dark ; 63.5; 63; Bet Gru ; 2.15; 2800;occ; 127; 0;43658
 5; 719.8; 07-JUL-2010 01:00:54; Dark ; 80.5; 18; 24Alp PsA ; 1.17; 9700;occ; 161; 0;43658
 6; 859.4; 07-JUL-2010 01:03:14; Dark ; 54.0; 172; Gam Gru ; 3.00; 13100;occ; 108; 0;43658
 7; 2193.7; 07-JUL-2010 01:25:28; Bright; 44.0; 168; 17Zet Aql ; 2.99; 11000;occ; 88; 0;43658
 8; 2616.5; 07-JUL-2010 01:32:31; Bright; 41.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 82; 0;43658
 9; 2856.6; 07-JUL-2010 01:36:31; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43658
 10; 3045.6; 07-JUL-2010 01:39:40; Bright; 81.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 162; 0;43658
 11; 3288.6; 07-JUL-2010 01:43:43; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;43658
 12; 3738.8; 07-JUL-2010 01:51:13; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43658
 13; 3850.2; 07-JUL-2010 01:53:04; Bright; 45.0; 110; 37Del Cas ; 2.68; 8900;occ; 90; 0;43658
 14; 4259.3; 07-JUL-2010 01:59:53; Bright; 52.0; 73; 57Gam1And ; 2.26; 13100;occ; 104; 0;43658
 15; 4418.8; 07-JUL-2010 02:02:33; Dark ; 77.0; 53; 43Bet And ; 2.05; 3300;occ; 154; 0;43658
 16; 4710.9; 07-JUL-2010 02:07:25; Dark ; 66.5; 50; 13Alp Ari ; 2.01; 4250;occ; 133; 0;43658
 17; 5017.2; 07-JUL-2010 02:12:31; Dark ; 55.0; 94; 92Alp Cet ; 2.53; 3100;occ; 110; 0;43658

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100707_022157_000037842091_00017_43658_0392.N1

1; -452.6; 07-JUL-2010 02:21:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43658
 2; -2.0; 07-JUL-2010 02:29:28; Dark ; 71.0; 52; 16Bet Cet ; 2.04; 4500;occ; 142; 0;43658
 3; 186.6; 07-JUL-2010 02:32:37; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;43659
 4; 566.1; 07-JUL-2010 02:38:56; Dark ; 65.5; 63; Bet Gru ; 2.15; 2800;occ; 131; 0;43659
 5; 721.8; 07-JUL-2010 02:41:32; Dark ; 83.0; 18; 24Alp PsA ; 1.17; 9700;occ; 166; 0;43659
 6; 860.6; 07-JUL-2010 02:43:51; Dark ; 54.5; 172; Gam Gru ; 3.00; 13100;occ; 109; 0;43659
 7; 2616.4; 07-JUL-2010 03:13:06; Bright; 38.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 76; 0;43659
 8; 2855.7; 07-JUL-2010 03:17:06; Bright; 46.5; 144; 18Del Cyg ; 2.86; 11000;occ; 93; 0;43659
 9; 3044.4; 07-JUL-2010 03:20:14; Bright; 51.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 102; 0;43659
 10; 3288.0; 07-JUL-2010 03:24:18; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;43659

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

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

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3;-1776.4; 07-JUL-2010 03:40:30; Bright; 51.5; 73; 57Gam1And ; 2.26; 13100;occ; 103; 0;43659
4;-1617.2; 07-JUL-2010 03:43:09; Dark ; 77.0; 53; 43Bet And ; 2.05; 3300;occ; 154; 0;43659
5;-1324.7; 07-JUL-2010 03:48:01; Dark ; 64.0; 50; 13Alp Ari ; 2.01; 4250;occ; 128; 0;43659
6;-1018.5; 07-JUL-2010 03:53:08; Dark ; 52.5; 94; 92Alp Cet ; 2.53; 3100;occ; 105; 0;43659
7; -451.5; 07-JUL-2010 04:02:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43659
8; 0.5; 07-JUL-2010 04:10:06; Dark ; 71.0; 52; 16Bet Cet ; 2.04; 4500;occ; 142; 0;43659
9; 187.6; 07-JUL-2010 04:13:14; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;43660
10; 567.3; 07-JUL-2010 04:19:33; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43660
11; 723.1; 07-JUL-2010 04:22:09; Dark ; 82.5; 18; 24Alp PsA ; 1.17; 9700;occ; 165; 0;43660
12; 861.3; 07-JUL-2010 04:24:27; Dark ; 56.0; 172; Gam Gru ; 3.00; 13100;occ; 112; 0;43660
13; 2192.8; 07-JUL-2010 04:46:39; Bright; 44.5; 168; 17Zet Aql ; 2.99; 11000;occ; 89; 0;43660
14; 2616.1; 07-JUL-2010 04:53:42; Bright; 43.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 86; 0;43660
15; 2855.0; 07-JUL-2010 04:57:41; Bright; 47.5; 144; 18Del Cyg ; 2.86; 11000;occ; 95; 0;43660
16; 3043.1; 07-JUL-2010 05:00:49; Bright; 55.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 111; 0;43660
17; 3287.6; 07-JUL-2010 05:04:54; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;43660
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1;-2298.4; 07-JUL-2010 05:12:24; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43660
2;-2186.3; 07-JUL-2010 05:14:16; Bright; 44.5; 110; 37Del Cas ; 2.68; 8900;occ; 89; 0;43660
3;-1776.7; 07-JUL-2010 05:21:05; Bright; 55.0; 73; 57Gam1And ; 2.26; 13100;occ; 110; 0;43660
4;-1617.2; 07-JUL-2010 05:23:45; Dark ; 71.0; 53; 43Bet And ; 2.05; 3300;occ; 142; 0;43660
5;-1324.5; 07-JUL-2010 05:28:38; Dark ; 71.0; 50; 13Alp Ari ; 2.01; 4250;occ; 142; 0;43660
6;-1017.7; 07-JUL-2010 05:33:44; Dark ; 52.0; 94; 92Alp Cet ; 2.53; 3100;occ; 104; 0;43660
7; -450.5; 07-JUL-2010 05:43:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43660
8; 2.4; 07-JUL-2010 05:50:44; Dark ; 66.0; 52; 16Bet Cet ; 2.04; 4500;occ; 132; 0;43660
9; 188.8; 07-JUL-2010 05:53:51; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;43661
10; 568.1; 07-JUL-2010 06:00:10; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;43661
11; 724.8; 07-JUL-2010 06:02:47; Dark ; 83.0; 18; 24Alp PsA ; 1.17; 9700;occ; 166; 0;43661
12; 862.3; 07-JUL-2010 06:05:04; Dark ; 54.0; 172; Gam Gru ; 3.00; 13100;occ; 108; 0;43661
13; 2193.0; 07-JUL-2010 06:27:15; Bright; 44.5; 168; 17Zet Aql ; 2.99; 11000;occ; 89; 0;43661
14; 2619.9; 07-JUL-2010 06:34:22; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;43661
15; 2854.5; 07-JUL-2010 06:38:17; Bright; 46.0; 144; 18Del Cyg ; 2.86; 11000;occ; 92; 0;43661
16; 3041.8; 07-JUL-2010 06:41:24; Bright; 57.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 115; 0;43661
17; 3287.1; 07-JUL-2010 06:45:29; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;43661
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1; 2189.6; 07-JUL-2010 21:32:35; Bright; 43.5; 168; 17Zet Aql ; 2.99; 11000;occ; 87; 0;43670
2; 2848.1; 07-JUL-2010 21:43:34; Bright; 45.0; 144; 18Del Cyg ; 2.86; 11000;occ; 90; 0;43670
3; 3032.2; 07-JUL-2010 21:46:38; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;43670
4; 3281.1; 07-JUL-2010 21:50:47; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;43670
5; 3731.7; 07-JUL-2010 21:58:17; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;43670
6; 3846.0; 07-JUL-2010 22:00:12; Bright; 43.0; 110; 37Del Cas ; 2.68; 8900;occ; 86; 0;43670
7; 4258.0; 07-JUL-2010 22:07:04; Bright; 57.5; 73; 57Gam1And ; 2.26; 13100;occ; 115; 0;43670
8; 4418.6; 07-JUL-2010 22:09:44; Dark ; 43.0; 53; 43Bet And ; 2.05; 3300;occ; 86; 0;43670
9; 4715.8; 07-JUL-2010 22:14:41; Dark ; 63.5; 50; 13Alp Ari ; 2.01; 4250;occ; 127; 0;43670
10; 5023.3; 07-JUL-2010 22:19:49; Dark ; 54.5; 94; 92Alp Cet ; 2.53; 3100;occ; 109; 0;43670
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1; -439.3; 07-JUL-2010 22:29:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43670
2; 25.7; 07-JUL-2010 22:37:07; Dark ; 41.0; 52; 16Bet Cet ; 2.04; 4500;occ; 82; 0;43671
3; 199.3; 07-JUL-2010 22:40:01; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;43671
4; 577.2; 07-JUL-2010 22:46:19; Dark ; 63.0; 63; Bet Gru ; 2.15; 2800;occ; 126; 0;43671
5; 741.1; 07-JUL-2010 22:49:02; Dark ; 82.0; 18; 24Alp PsA ; 1.17; 9700;occ; 164; 0;43671
6; 871.8; 07-JUL-2010 22:51:13; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43671
7; 2189.4; 07-JUL-2010 23:13:11; Bright; 42.0; 168; 17Zet Aql ; 2.99; 11000;occ; 84; 0;43671
8; 2847.5; 07-JUL-2010 23:24:09; Bright; 47.0; 144; 18Del Cyg ; 2.86; 11000;occ; 94; 0;43671
9; 3031.3; 07-JUL-2010 23:27:13; Bright; 55.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 110; 0;43671
10; 3280.2; 07-JUL-2010 23:31:22; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;43671
11; 3731.1; 07-JUL-2010 23:38:53; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;43671
12; 3845.8; 07-JUL-2010 23:40:47; Bright; 43.0; 110; 37Del Cas ; 2.68; 8900;occ; 86; 0;43671
13; 4257.8; 07-JUL-2010 23:47:39; Bright; 57.0; 73; 57Gam1And ; 2.26; 13100;occ; 114; 0;43671
14; 4418.8; 07-JUL-2010 23:50:20; Dark ; 43.0; 53; 43Bet And ; 2.05; 3300;occ; 86; 0;43671
15; 4715.9; 07-JUL-2010 23:55:17; Dark ; 67.5; 50; 13Alp Ari ; 2.01; 4250;occ; 135; 0;43671
16; 5023.9; 08-JUL-2010 00:00:25; Dark ; 54.5; 94; 92Alp Cet ; 2.53; 3100;occ; 109; 0;43671
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1; -438.3; 08-JUL-2010 00:09:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43671
2; 27.9; 08-JUL-2010 00:17:45; Dark ; 41.0; 52; 16Bet Cet ; 2.04; 4500;occ; 82; 0;43672
3; 200.8; 08-JUL-2010 00:20:38; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;43672
4; 578.0; 08-JUL-2010 00:26:55; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43672
5; 742.6; 08-JUL-2010 00:29:40; Dark ; 81.0; 18; 24Alp PsA ; 1.17; 9700;occ; 162; 0;43672
6; 872.2; 08-JUL-2010 00:31:49; Dark ; 55.0; 172; Gam Gru ; 3.00; 13100;occ; 110; 0;43672

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7; 2189.1; 08-JUL-2010 00:53:46; Bright; 42.5; 168; 17Zet Aql ; 2.99; 11000;occ; 85; 0;43672
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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1; -2305.6; 08-JUL-2010 03:00:03; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43673
2; -2190.8; 08-JUL-2010 03:01:58; Bright; 44.0; 110; 37Del Cas ; 2.68; 8900;occ; 88; 0;43673
3; -1778.0; 08-JUL-2010 03:08:51; Bright; 56.5; 73; 57Gam1And ; 2.26; 13100;occ; 113; 0;43673
4; -1617.6; 08-JUL-2010 03:11:32; Dark ; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;43673
5; -1318.9; 08-JUL-2010 03:16:30; Dark ; 66.0; 50; 13Alp Ari ; 2.01; 4250;occ; 132; 0;43673
6; -1010.8; 08-JUL-2010 03:21:38; Dark ; 45.5; 94; 92Alp Cet ; 2.53; 3100;occ; 91; 0;43673
7; -436.0; 08-JUL-2010 03:31:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43673
8; 32.5; 08-JUL-2010 03:39:02; Dark ; 36.0; 52; 16Bet Cet ; 2.04; 4500;occ; 72; 0;43674
9; 203.1; 08-JUL-2010 03:41:52; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;43674
10; 580.0; 08-JUL-2010 03:48:09; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43674
11; 745.9; 08-JUL-2010 03:50:55; Dark ; 81.0; 18; 24Alp PsA ; 1.17; 9700;occ; 162; 0;43674
12; 874.4; 08-JUL-2010 03:53:04; Dark ; 56.0; 172; Gam Gru ; 3.00; 13100;occ; 112; 0;43674
13; 2188.4; 08-JUL-2010 04:14:57; Bright; 43.5; 168; 17Zet Aql ; 2.99; 11000;occ; 87; 0;43674
14; 2845.4; 08-JUL-2010 04:25:55; Bright; 45.5; 144; 18Del Cyg ; 2.86; 11000;occ; 91; 0;43674
15; 3027.9; 08-JUL-2010 04:28:57; Bright; 56.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 113; 0;43674
16; 3278.3; 08-JUL-2010 04:33:07; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;43674
17; 3729.4; 08-JUL-2010 04:40:38; Bright; 1.5; 74; 11Bet Cas ; 2.27; 6600;occ; 3; 0;43674
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1; -2306.7; 08-JUL-2010 04:40:38; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43674
2; -2191.2; 08-JUL-2010 04:42:34; Bright; 46.0; 110; 37Del Cas ; 2.68; 8900;occ; 92; 0;43674
3; -1778.2; 08-JUL-2010 04:49:27; Bright; 54.5; 73; 57Gam1And ; 2.26; 13100;occ; 109; 0;43674
4; -1617.5; 08-JUL-2010 04:52:08; Dark ; 31.0; 53; 43Bet And ; 2.05; 3300;occ; 62; 0;43674
5; -1318.3; 08-JUL-2010 04:57:07; Dark ; 63.0; 50; 13Alp Ari ; 2.01; 4250;occ; 126; 0;43674
6; -1010.4; 08-JUL-2010 05:02:15; Dark ; 44.5; 94; 92Alp Cet ; 2.53; 3100;occ; 89; 0;43674
7; -434.9; 08-JUL-2010 05:11:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43674
8; 34.9; 08-JUL-2010 05:19:40; Dark ; 31.0; 52; 16Bet Cet ; 2.04; 4500;occ; 62; 0;43675
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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2; 95.4; 09-JUL-2010 01:27:52; Dark ; 51.5; 9; Alp Eri ; 0.45; 24000;occ; 103; 0;43687
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
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19; 6943.7; 30-JUL-2010 19:07:40; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;43998

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6; 3100.0; 30-JUL-2010 19:44:12; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;43998
7; 4084.0; 30-JUL-2010 20:00:36; Bright; 49.5; 35; 33Alp Per ; 1.79; 6250;occ; 99; 0;43998
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13; 4902.3; 30-JUL-2010 20:14:14; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;43998
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17; 5992.2; 30-JUL-2010 20:32:24; Dark ; 45.5; 157; The1Eri ; 2.91; 9300;occ; 91; 0;43998
18; 6328.4; 30-JUL-2010 20:38:00; Dark ; 53.5; 9; Alp Eri ; 0.45; 24000;occ; 107; 0;43999
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17; 1092.6; 30-JUL-2010 04:05:21; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;43989
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19; 2595.9; 30-JUL-2010 04:30:24; Bright; 48.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 97; 0;43989
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4;-1719.6; 30-JUL-2010 04:59:05; Bright; 62.0; 149; 45Eps Per ; 2.89; 30000;occ; 124; 0;43989
5;-1526.5; 30-JUL-2010 05:02:18; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;43989

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11; -322.1; 30-JUL-2010 05:22:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43989
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13; 286.9; 30-JUL-2010 05:32:31; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;43990
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15; 903.7; 30-JUL-2010 05:42:48; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;43990
16; 1093.2; 30-JUL-2010 05:45:58; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;43990
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6; 3099.6; 30-JUL-2010 21:24:48; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;43999
7; 4083.7; 30-JUL-2010 21:41:12; Bright; 48.5; 35; 33Alp Per ; 1.79; 6250;occ; 97; 0;43999
8; 4200.3; 30-JUL-2010 21:43:08; Bright; 41.5; 6; 13Alp Aur ; 0.08; 3400;occ; 83; 0;43999
9; 4315.9; 30-JUL-2010 21:45:04; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;43999
10; 4498.3; 30-JUL-2010 21:48:06; Dark ; 54.0; 150; 44Zet Per ; 2.89; 28000;occ; 108; 0;43999
11; 4634.8; 30-JUL-2010 21:50:23; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;43999
12; 4781.6; 30-JUL-2010 21:52:50; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;43999
13; 4902.8; 30-JUL-2010 21:54:51; Dark ; 42.5; 27; 24Gam Ori ; 1.64; 26000;occ; 85; 0;43999
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4; 293.6; 30-JUL-2010 22:18:37; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44000
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6; 909.0; 30-JUL-2010 22:28:53; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;44000
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4; 573.0; 31-JUL-2010 00:03:53; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44001
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9; 2698.6; 31-JUL-2010 00:39:18; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44001
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12; 4199.9; 31-JUL-2010 01:04:20; Bright; 40.5; 6; 13Alp Aur ; 0.08; 3400;occ; 81; 0;44001
13; 4315.9; 31-JUL-2010 01:06:16; Bright; 66.0; 149; 45Eps Per ; 2.89; 30000;occ; 132; 0;44001
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16; 4782.5; 31-JUL-2010 01:14:02; Dark ; 51.0; 13; 87Alp Tau ; 0.87; 3800;occ; 102; 0;44001

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3; 295.1; 31-JUL-2010 01:39:51; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44002
4; 574.1; 31-JUL-2010 01:44:30; Dark ; 66.5; 84; Alp Phe ; 2.40; 4500;occ; 133; 0;44002
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16; 1099.7; 31-JUL-2010 03:33:51; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;44003
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