

GOMOS Daily Report 25-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	29JUL2010 14:36:39
Data source version	GOMOS/5.01
Start time of products	25JUL2010 00:00:22
Stop time of products	25JUL2010 23:58:07
Store outputs in DB	Yes
Nb of level 1b prods	123
Nb of prods with errors	0

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

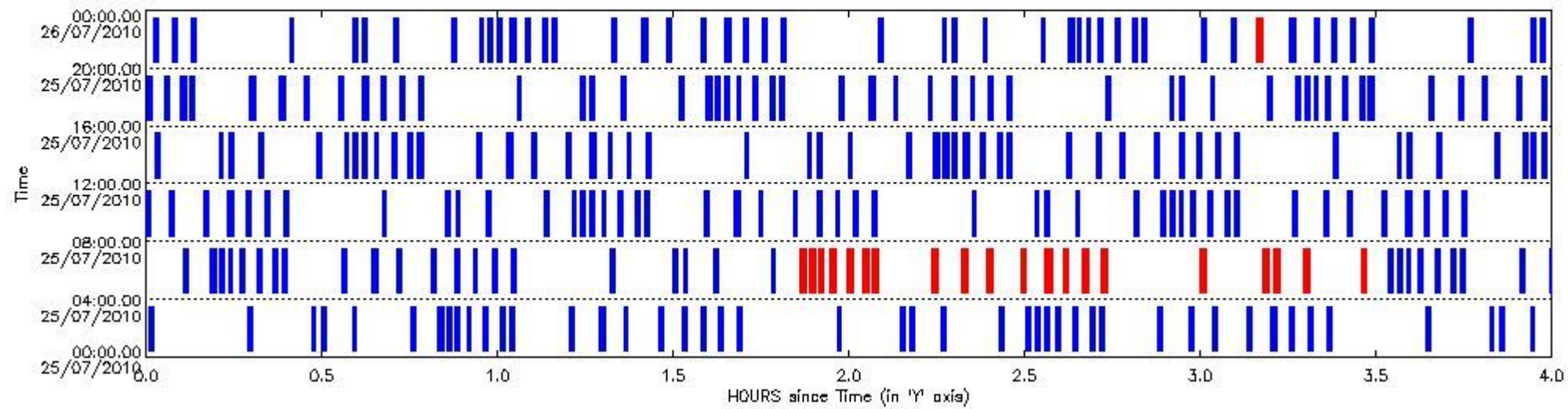
2.1 Level 0 products arrived in PCF (see template [here](#))

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
25-JUL-2010 05:51:36	23GamPer	160	43918
25-JUL-2010 05:53:07	33AlpPer	35	43918
25-JUL-2010 05:54:42	13AlpAur	6	43918
25-JUL-2010 05:56:42	45EpsPer	149	43918
25-JUL-2010 05:59:32	44ZetPer	150	43918
25-JUL-2010 06:02:24	25EtaTau	146	43918
25-JUL-2010 06:03:59	87AlpTau	13	43918
25-JUL-2010 06:14:08	34GamEri	165	43918
25-JUL-2010 06:19:15	DSA1061	0	43918
25-JUL-2010 06:23:26	The1Eri	157	43918
25-JUL-2010 06:29:20	AlpEri	9	43919
25-JUL-2010 06:33:23	AlpPhe	84	43919
25-JUL-2010 06:36:33	AlpTuc	148	43919
25-JUL-2010 06:39:44	AlpGru	31	43919
25-JUL-2010 06:42:56	GamGru	172	43919

25-JUL-2010 06:59:52	53AlpAql	11	43919
25-JUL-2010 07:10:43	18DelCyg	144	43919
25-JUL-2010 07:12:22	50AlpCyg	19	43919
25-JUL-2010 07:17:38	5AlpCep	89	43919
25-JUL-2010 07:27:33	37DelCas	110	43919
25-JUL-2010 23:09:34	The1Eri	157	43928

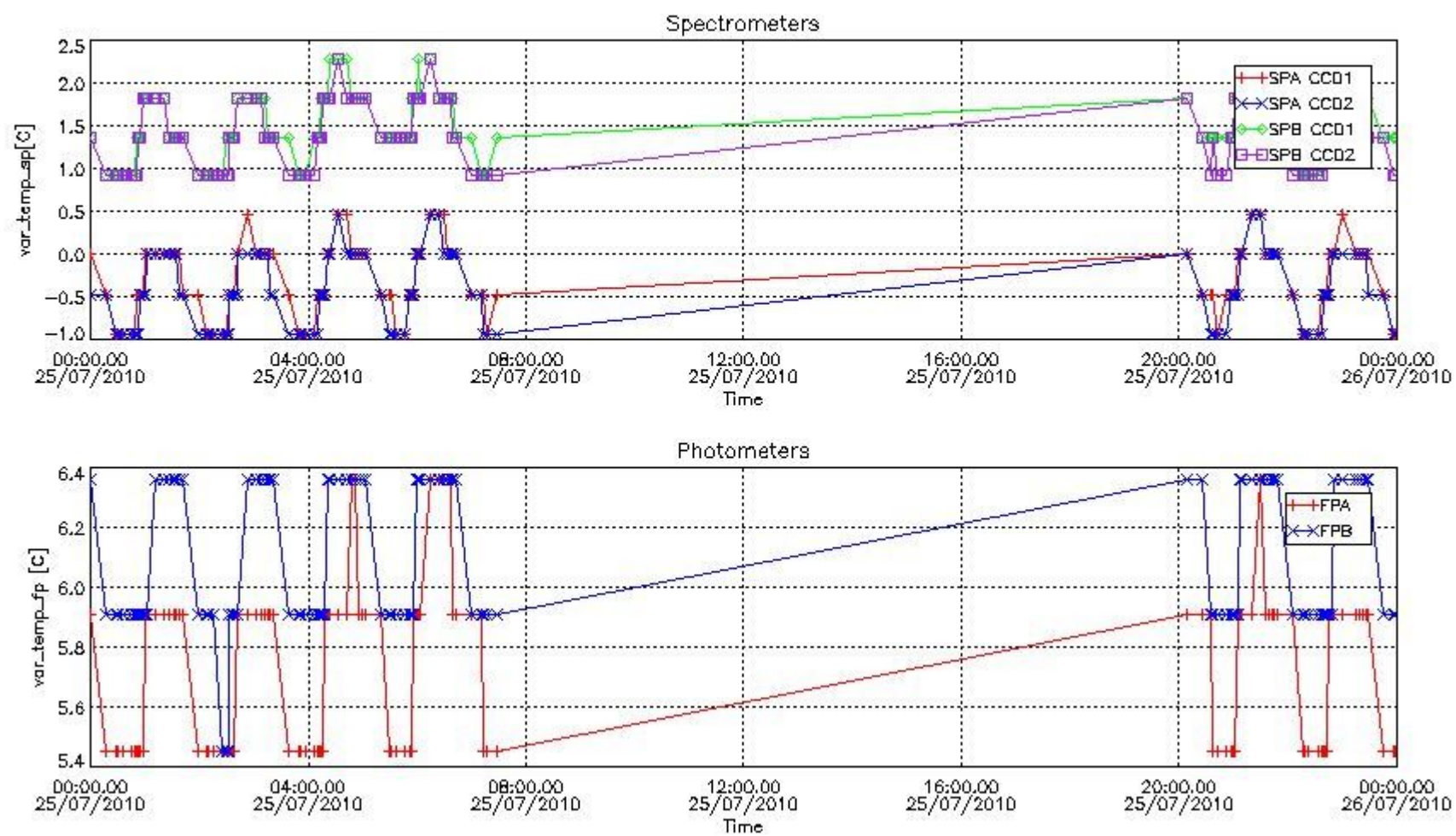
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100725_000022_000000492091_00274_43915_9340.N1	25-JUL-2010 00:00:22	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43915	No
2	GOM_TRA_1PNPDE20100725_001721_000000412091_00274_43915_9341.N1	25-JUL-2010 00:17:21	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	43915	No
3	GOM_TRA_1PNPDE20100725_002813_000000402091_00274_43915_9342.N1	25-JUL-2010 00:28:13	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43915	No
4	GOM_TRA_1PNPDE20100725_002953_000000482091_00274_43915_9343.N1	25-JUL-2010 00:29:53	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	43915	No
5	GOM_TRA_1PNPDE20100725_003509_000000442091_00274_43915_9344.N1	25-JUL-2010 00:35:09	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43915	No
6	GOM_TRA_1PNPDE20100725_004504_000000472091_00274_43915_9345.N1	25-JUL-2010 00:45:04	Bright	47.000	110	37Del Cas	2.6780	8900.0	94	43915	No
7	GOM_TRA_1PNPDE20100725_004941_000000652091_00274_43915_9346.N1	25-JUL-2010 00:49:41	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	43915	No
8	GOM_TRA_1PNPDE20100725_005111_000000612091_00274_43915_9347.N1	25-JUL-2010 00:51:11	Bright	60.500	35	33Alp Per	1.7950	6250.0	121	43915	No
9	GOM_TRA_1PNPDE20100725_005247_000000422091_00274_43915_9348.N1	25-JUL-2010 00:52:47	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	43915	No
10	GOM_TRA_1PNPDE20100725_005447_000000422091_00274_43915_9349.N1	25-JUL-2010 00:54:47	Bright	42.000	149	45Eps Per	2.8880	30000.	84	43915	No
11	GOM_TRA_1PNPDE20100725_005736_000000482091_00274_43915_9350.N1	25-JUL-2010 00:57:36	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43915	No
12	GOM_TRA_1PNPDE20100725_010027_000000512091_00274_43915_9351.N1	25-JUL-2010 01:00:27	Dark	50.500	146	25Eta Tau	2.8730	15200.	101	43915	No
13	GOM_TRA_1PNPDE20100725_010202_000000512091_00274_43915_9352.N1	25-JUL-2010 01:02:02	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	43915	No
14	GOM_TRA_1PNPDE20100725_011211_000000502091_00274_43915_9380.N1	25-JUL-2010 01:12:11	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	43915	No
15	GOM_TRA_1PNPDE20100725_012128_000000442091_00274_43915_9381.N1	25-JUL-2010 01:21:28	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43915	No
16	GOM_TRA_1PNPDE20100725_012722_000000532091_00275_43916_9382.N1	25-JUL-2010 01:27:22	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43916	No
17	GOM_TRA_1PNPDE20100725_013124_000000552091_00275_43916_9383.N1	25-JUL-2010 01:31:24	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	43916	No
18	GOM_TRA_1PNPDE20100725_013436_000000502091_00275_43916_9384.N1	25-JUL-2010 01:34:36	Straylight	50.000	148	Alp Tuc	2.8780	4100.0	100	43916	No
19	GOM_TRA_1PNPDE20100725_013746_000000492091_00275_43916_9385.N1	25-JUL-2010 01:37:46	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43916	No
20	GOM_TRA_1PNPDE20100725_014059_000000492091_00275_43916_9386.N1	25-JUL-2010 01:40:59	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43916	No
21	GOM_TRA_1PNPDE20100725_015757_000000412091_00275_43916_9387.N1	25-JUL-2010 01:57:57	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43916	No
22	GOM_TRA_1PNPDE20100725_020848_000000392091_00275_43916_9388.N1	25-JUL-2010 02:08:48	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43916	No
23	GOM_TRA_1PNPDE20100725_021029_000000422091_00275_43916_9389.N1	25-JUL-2010 02:10:29	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	43916	No
24	GOM_TRA_1PNPDE20100725_021544_000000412091_00275_43916_9390.N1	25-JUL-2010 02:15:44	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43916	No
25	GOM_TRA_1PNPDE20100725_022539_000000472091_00275_43916_9391.N1	25-JUL-2010 02:25:39	Bright	46.500	110	37Del Cas	2.6780	8900.0	93	43916	No
26	GOM_TRA_1PNPDE20100725_023017_000000432091_00275_43916_9392.N1	25-JUL-2010 02:30:17	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43916	No
27	GOM_TRA_1PNPDE20100725_023147_000000482091_00275_43916_9393.N1	25-JUL-2010 02:31:47	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	43916	No
28	GOM_TRA_1PNPDE20100725_023322_000000422091_00275_43916_9394.N1	25-JUL-2010 02:33:22	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	43916	No
29	GOM_TRA_1PNPDE20100725_023522_000000442091_00275_43916_9395.N1	25-JUL-2010 02:35:22	Bright	44.000	149	45Eps Per	2.8880	30000.	88	43916	No
30	GOM_TRA_1PNPDE20100725_023812_000000482091_00275_43916_9396.N1	25-JUL-2010 02:38:12	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	43916	No
31	GOM_TRA_1PNPDE20100725_024104_000000492091_00275_43916_9397.N1	25-JUL-2010 02:41:04	Dark	48.500	146	25Eta Tau	2.8730	15200.	97	43916	No
32	GOM_TRA_1PNPDE20100725_024239_000000582091_00275_43916_9398.N1	25-JUL-2010 02:42:39	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	43916	No
33	GOM_TRA_1PNPDE20100725_025247_000000502091_00275_43916_9399.N1	25-JUL-2010 02:52:47	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	43916	No
34	GOM_TRA_1PNPDE20100725_030205_000000442091_00275_43916_9400.N1	25-JUL-2010 03:02:05	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43916	No
35	GOM_TRA_1PNPDE20100725_030759_000000472091_00276_43917_9401.N1	25-JUL-2010 03:07:59	Dark	47.000	9	Alp Eri	0.45300	24000.	94	43917	No
36	GOM_TRA_1PNPDE20100725_031201_000000532091_00276_43917_9402.N1	25-JUL-2010 03:12:01	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	43917	No
37	GOM_TRA_1PNPDE20100725_031513_000000442091_00276_43917_9403.N1	25-JUL-2010 03:15:13	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	43917	No
38	GOM_TRA_1PNPDE20100725_031823_000000462091_00276_43917_9404.N1	25-JUL-2010 03:18:23	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	43917	No
39	GOM_TRA_1PNPDE20100725_032135_000000472091_00276_43917_9405.N1	25-JUL-2010 03:21:35	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	43917	No
40	GOM_TRA_1PNPDE20100725_033833_000000412091_00276_43917_9406.N1	25-JUL-2010 03:38:33	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	43917	No
41	GOM_TRA_1PNPDE20100725_034924_000000402091_00276_43917_9407.N1	25-JUL-2010 03:49:24	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43917	No
42	GOM_TRA_1PNPDE20100725_035104_000000442091_00276_43917_9408.N1	25-JUL-2010 03:51:04	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	43917	No
43	GOM_TRA_1PNPDE20100725_035620_000000392091_00276_43917_9412.N1	25-JUL-2010 03:56:20	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	43917	No
44	GOM_TRA_1PNPDE20100725_040615_000000502091_00276_43917_9413.N1	25-JUL-2010 04:06:15	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	43917	No
45	GOM_TRA_1PNPDE20100725_041052_000000652091_00276_43917_9414.N1	25-JUL-2010 04:10:52	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	43917	No
46	GOM_TRA_1PNPDE20100725_041223_000000472091_00276_43917_9415.N1	25-JUL-2010 04:12:23	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	43917	No
47	GOM_TRA_1PNPDE20100725_041358_000000422091_00276_43917_9416.N1	25-JUL-2010 04:13:58	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	43917	No
48	GOM_TRA_1PNPDE20100725_041558_000000462091_00276_43917_9417.N1	25-JUL-2010 04:15:58	Bright	45.500	149	45Eps Per	2.8880	30000.	91	43917	No

49	GOM_TRA_1PNPDE20100725_041848_000000492091_00276_43917_9418.N1	25-JUL-2010 04:18:48	Twilight	48.500	150	44Zet Per	2.8900	28000.	97	43917	No
50	GOM_TRA_1PNPDE20100725_042140_000000492091_00276_43917_9419.N1	25-JUL-2010 04:21:40	Dark	48.500	146	25Eta Tau	2.8730	15200.	97	43917	No
51	GOM_TRA_1PNPDE20100725_042315_000000462091_00276_43917_9420.N1	25-JUL-2010 04:23:15	Dark	46.000	13	87Alp Tau	0.86700	3800.0	92	43917	No
52	GOM_TRA_1PNPDE20100725_043324_000000512091_00276_43917_9421.N1	25-JUL-2010 04:33:24	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	43917	No
53	GOM_TRA_1PNPDE20100725_044242_000000442091_00276_43917_9422.N1	25-JUL-2010 04:42:42	Dark	44.000	157	The1Eri	2.9060	9300.0	88	43917	No
54	GOM_TRA_1PNPDE20100725_044836_000000522091_00277_43918_9423.N1	25-JUL-2010 04:48:36	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43918	No
55	GOM_TRA_1PNPDE20100725_045238_000000552091_00277_43918_9424.N1	25-JUL-2010 04:52:38	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	43918	No
56	GOM_TRA_1PNPDE20100725_045549_000000422091_00277_43918_9425.N1	25-JUL-2010 04:55:49	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43918	No
57	GOM_TRA_1PNPDE20100725_045900_000000502091_00277_43918_9426.N1	25-JUL-2010 04:59:00	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43918	No
58	GOM_TRA_1PNPDE20100725_050212_000000472091_00277_43918_9427.N1	25-JUL-2010 05:02:12	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	43918	No
59	GOM_TRA_1PNPDE20100725_051908_000000432091_00277_43918_9428.N1	25-JUL-2010 05:19:08	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43918	No
60	GOM_TRA_1PNPDE20100725_053000_000000392091_00277_43918_9429.N1	25-JUL-2010 05:30:00	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43918	No
61	GOM_TRA_1PNPDE20100725_053139_000000472091_00277_43918_9430.N1	25-JUL-2010 05:31:39	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	43918	No
62	GOM_TRA_1PNPDE20100725_053655_000000432091_00277_43918_9431.N1	25-JUL-2010 05:36:55	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43918	No
63	GOM_TRA_1PNPDE20100725_054650_000000492091_00277_43918_9460.N1	25-JUL-2010 05:46:50	Bright	49.000	110	37Del Cas	2.6780	8900.0	98	43918	No
64	GOM_TRA_1PNPDE20100725_055128_000000462091_00277_43918_9461.N1	25-JUL-2010 05:51:28	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	43918	No
65	GOM_TRA_1PNPDE20100725_055259_000000442091_00277_43918_9462.N1	25-JUL-2010 05:52:59	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43918	No
66	GOM_TRA_1PNPDE20100725_055434_000000402091_00277_43918_9463.N1	25-JUL-2010 05:54:34	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	43918	No
67	GOM_TRA_1PNPDE20100725_055634_000000402091_00277_43918_9464.N1	25-JUL-2010 05:56:34	Bright	40.000	149	45Eps Per	2.8880	30000.	80	43918	No
68	GOM_TRA_1PNPDE20100725_055925_000000482091_00277_43918_9465.N1	25-JUL-2010 05:59:25	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	43918	No
69	GOM_TRA_1PNPDE20100725_060216_000000472091_00277_43918_9466.N1	25-JUL-2010 06:02:16	Dark	46.500	146	25Eta Tau	2.8730	15200.	93	43918	No
70	GOM_TRA_1PNPDE20100725_060352_000000552091_00277_43918_9467.N1	25-JUL-2010 06:03:52	Dark	54.500	13	87Alp Tau	0.86700	3800.0	109	43918	No
71	GOM_TRA_1PNPDE20100725_061401_000000492091_00277_43918_9468.N1	25-JUL-2010 06:14:01	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43918	No
72	GOM_TRA_1PNPDE20100725_062318_000000452091_00277_43918_9469.N1	25-JUL-2010 06:23:18	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43918	No
73	GOM_TRA_1PNPDE20100725_062912_000000562091_00278_43919_9470.N1	25-JUL-2010 06:29:12	Dark	55.500	9	Alp Eri	0.45300	24000.	111	43919	No
74	GOM_TRA_1PNPDE20100725_063316_000000572091_00278_43919_9471.N1	25-JUL-2010 06:33:16	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	43919	No
75	GOM_TRA_1PNPDE20100725_063625_000000422091_00278_43919_9472.N1	25-JUL-2010 06:36:25	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43919	No
76	GOM_TRA_1PNPDE20100725_063936_000000452091_00278_43919_9473.N1	25-JUL-2010 06:39:36	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43919	No
77	GOM_TRA_1PNPDE20100725_064248_000000472091_00278_43919_9474.N1	25-JUL-2010 06:42:48	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43919	No
78	GOM_TRA_1PNPDE20100725_065944_000000412091_00278_43919_9475.N1	25-JUL-2010 06:59:44	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43919	No
79	GOM_TRA_1PNPDE20100725_071035_000000392091_00278_43919_9476.N1	25-JUL-2010 07:10:35	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43919	No
80	GOM_TRA_1PNPDE20100725_071214_000000462091_00278_43919_9477.N1	25-JUL-2010 07:12:14	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	43919	No
81	GOM_TRA_1PNPDE20100725_071731_000000412091_00278_43919_9478.N1	25-JUL-2010 07:17:31	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43919	No
82	GOM_TRA_1PNPDE20100725_072725_000000472091_00278_43919_9479.N1	25-JUL-2010 07:27:25	Bright	47.000	110	37Del Cas	2.6780	8900.0	94	43919	No
83	GOM_TRA_1PNPDE20100725_200740_000000482091_00286_43927_9494.N1	25-JUL-2010 20:07:40	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	43927	No
84	GOM_TRA_1PNPDE20100725_202431_000000402091_00286_43927_9495.N1	25-JUL-2010 20:24:31	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	43927	No
85	GOM_TRA_1PNPDE20100725_203520_000000402091_00286_43927_9496.N1	25-JUL-2010 20:35:20	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43927	No
86	GOM_TRA_1PNPDE20100725_203657_000000482091_00286_43927_9497.N1	25-JUL-2010 20:36:57	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43927	No
87	GOM_TRA_1PNPDE20100725_204214_000000432091_00286_43927_9498.N1	25-JUL-2010 20:42:14	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43927	No
88	GOM_TRA_1PNPDE20100725_205208_000000442091_00286_43927_9499.N1	25-JUL-2010 20:52:08	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	43927	No
89	GOM_TRA_1PNPDE20100725_205649_000000472091_00286_43927_9500.N1	25-JUL-2010 20:56:49	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	43927	No
90	GOM_TRA_1PNPDE20100725_205821_000000452091_00286_43927_9501.N1	25-JUL-2010 20:58:21	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43927	No
91	GOM_TRA_1PNPDE20100725_205959_000000402091_00286_43927_9502.N1	25-JUL-2010 20:59:59	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	43927	No
92	GOM_TRA_1PNPDE20100725_210158_000000622091_00286_43927_9503.N1	25-JUL-2010 21:01:58	Bright	62.000	149	45Eps Per	2.8880	30000.	124	43927	No
93	GOM_TRA_1PNPDE20100725_210449_000000512091_00286_43927_9504.N1	25-JUL-2010 21:04:49	Twilight	50.500	150	44Zet Per	2.8900	28000.	101	43927	No
94	GOM_TRA_1PNPDE20100725_210742_000000502091_00286_43927_9505.N1	25-JUL-2010 21:07:42	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	43927	No
95	GOM_TRA_1PNPDE20100725_210918_000000492091_00286_43927_9506.N1	25-JUL-2010 21:09:18	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	43927	No
96	GOM_TRA_1PNPDE20100725_211931_000000512091_00286_43927_9671.N1	25-JUL-2010 21:19:31	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	43927	No
97	GOM_TRA_1PNPDE20100725_212849_000000452091_00286_43927_9672.N1	25-JUL-2010 21:28:49	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43927	No
98	GOM_TRA_1PNPDE20100725_213442_000000462091_00287_43928_9673.N1	25-JUL-2010 21:34:42	Dark	46.000	9	Alp Eri	0.45300	24000.	92	43928	No
99	GOM_TRA_1PNPDE20100725_213849_000000562091_00287_43928_9674.N1	25-JUL-2010 21:38:49	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	43928	No
100	GOM_TRA_1PNPDE20100725_214153_000000492091_00287_43928_9675.N1	25-JUL-2010 21:41:53	Straylight	48.500	148	Alp Tuc	2.8780	4100.0	97	43928	No
101	GOM_TRA_1PNPDE20100725_214505_000000472091_00287_43928_9676.N1	25-JUL-2010 21:45:05	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43928	No
102	GOM_TRA_1PNPDE20100725_214817_000000472091_00287_43928_9677.N1	25-JUL-2010 21:48:17	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	43928	No
103	GOM_TRA_1PNPDE20100725_220506_000000402091_00287_43928_9678.N1	25-JUL-2010 22:05:06	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43928	No
104	GOM_TRA_1PNPDE20100725_221555_000000412091_00287_43928_9679.N1	25-JUL-2010 22:15:55	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43928	No
105	GOM_TRA_1PNPDE20100725_221732_000000482091_00287_43928_9680.N1	25-JUL-2010 22:17:32	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43928	No
106	GOM_TRA_1PNPDE20100725_222250_000000422091_00287_43928_9681.N1	25-JUL-2010 22:22:50	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43928	No
107	GOM_TRA_1PNPDE20100725_223243_000000422091_00287_43928_9682.N1	25-JUL-2010 22:32:43	Bright	42.000	110	37Del Cas	2.6780	8900.0	84	43928	No

108	GOM_TRA_1PNPDE20100725_223725_000000642091_00287_43928_9683.N1	25-JUL-2010 22:37:25	Bright	63.500	160	23Gam Per	2.9300	4700.0	127	43928	No
109	GOM_TRA_1PNPDE20100725_223856_000000442091_00287_43928_9684.N1	25-JUL-2010 22:38:56	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43928	No
110	GOM_TRA_1PNPDE20100725_224034_000000412091_00287_43928_9685.N1	25-JUL-2010 22:40:34	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	43928	No
111	GOM_TRA_1PNPDE20100725_224234_000000412091_00287_43928_9686.N1	25-JUL-2010 22:42:34	Bright	41.000	149	45Eps Per	2.8880	30000.	82	43928	No
112	GOM_TRA_1PNPDE20100725_224525_000000512091_00287_43928_9687.N1	25-JUL-2010 22:45:25	Twilight	51.000	150	44Zet Per	2.8900	28000.	102	43928	No
113	GOM_TRA_1PNPDE20100725_224819_000000522091_00287_43928_9688.N1	25-JUL-2010 22:48:19	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	43928	No
114	GOM_TRA_1PNPDE20100725_224954_000000572091_00287_43928_9689.N1	25-JUL-2010 22:49:54	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	43928	No
115	GOM_TRA_1PNPDE20100725_230007_000000522091_00287_43928_9565.N1	25-JUL-2010 23:00:07	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	43928	No
116	GOM_TRA_1PNPDE20100725_231518_000000542091_00288_43929_9566.N1	25-JUL-2010 23:15:18	Dark	54.000	9	Alp Eri	0.45300	24000.	108	43929	No
117	GOM_TRA_1PNPDE20100725_231926_000000532091_00288_43929_9567.N1	25-JUL-2010 23:19:26	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	43929	No
118	GOM_TRA_1PNPDE20100725_232229_000000422091_00288_43929_9568.N1	25-JUL-2010 23:22:29	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43929	No
119	GOM_TRA_1PNPDE20100725_232541_000000462091_00288_43929_9569.N1	25-JUL-2010 23:25:41	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	43929	No
120	GOM_TRA_1PNPDE20100725_232853_000000452091_00288_43929_9570.N1	25-JUL-2010 23:28:53	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	43929	No
121	GOM_TRA_1PNPDE20100725_234542_000000442091_00288_43929_9571.N1	25-JUL-2010 23:45:42	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	43929	No
122	GOM_TRA_1PNPDE20100725_235631_000000392091_00288_43929_9572.N1	25-JUL-2010 23:56:31	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43929	No
123	GOM_TRA_1PNPDE20100725_235807_000000482091_00288_43929_9573.N1	25-JUL-2010 23:58:07	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43929	No

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



4. Overview of dark signal processing per product

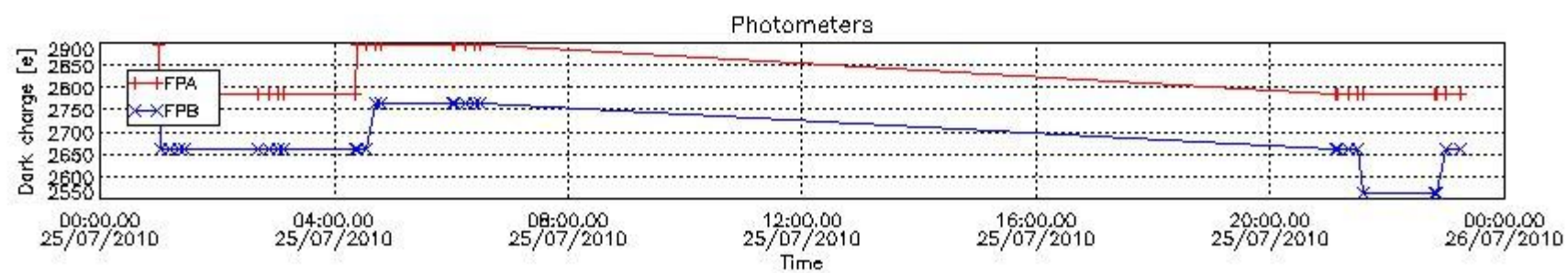
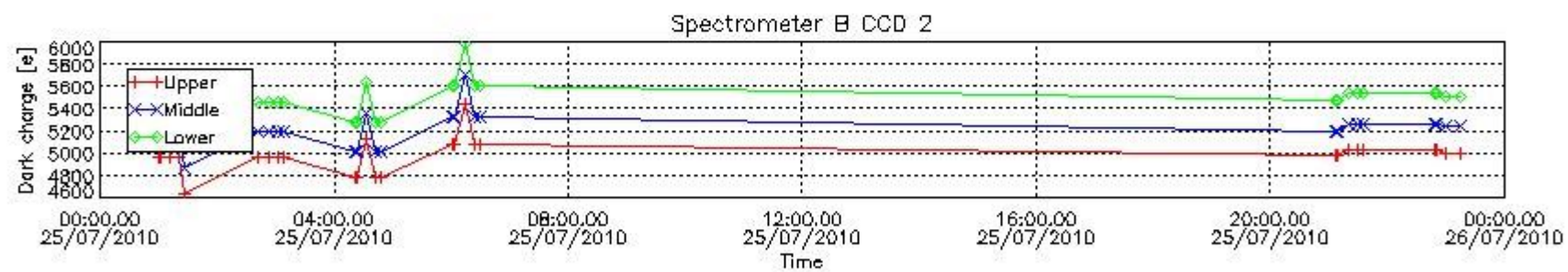
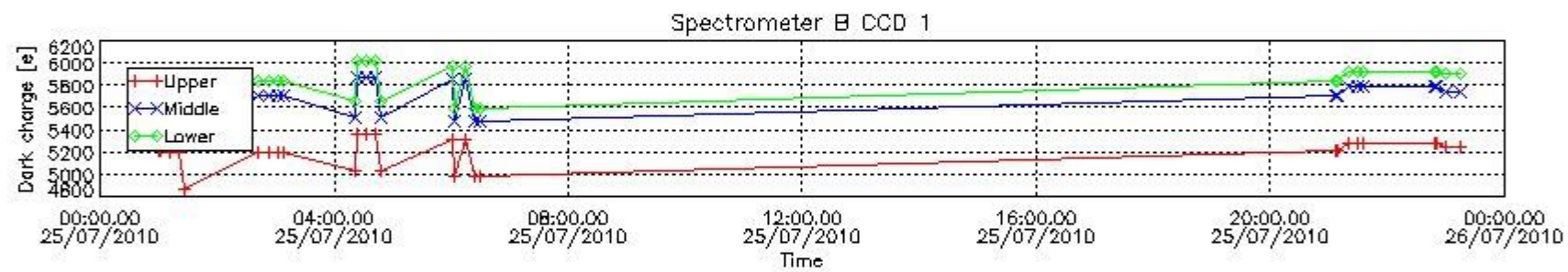
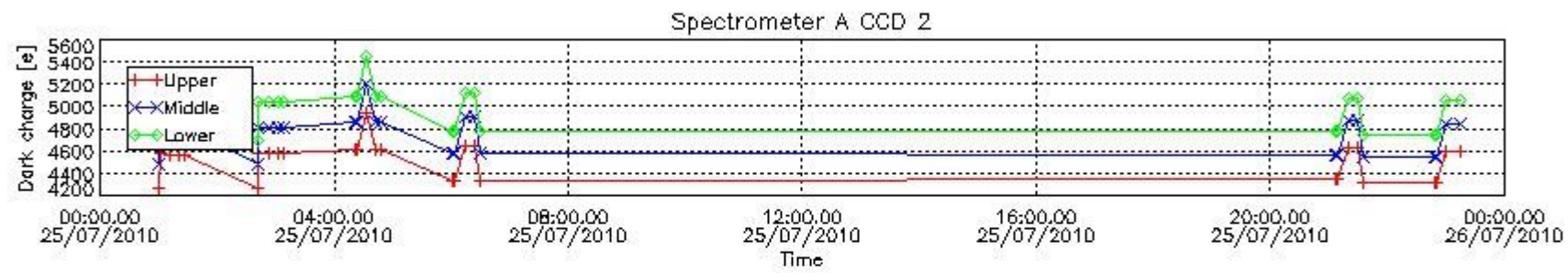
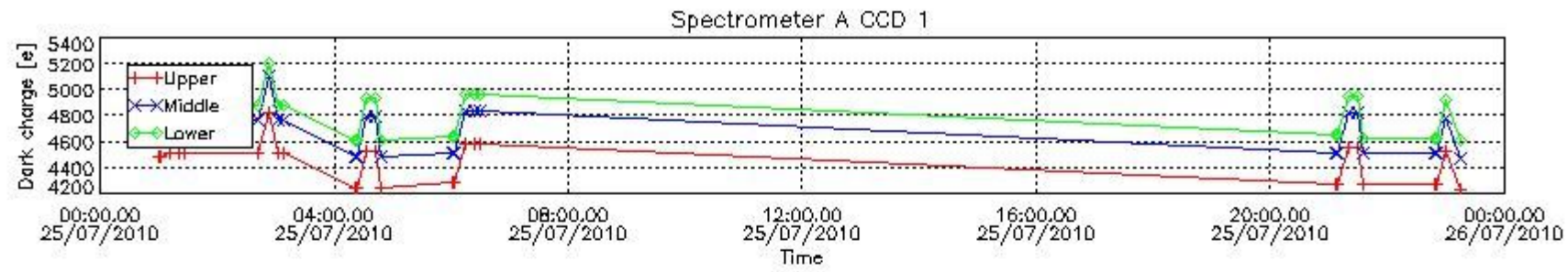
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100725_200740_000000482091_00286_43927_9494.N1	DC map used
GOM_TRA_1PNPDE20100725_202431_000000402091_00286_43927_9495.N1	DC map used
GOM_TRA_1PNPDE20100725_203520_000000402091_00286_43927_9496.N1	DC map used
GOM_TRA_1PNPDE20100725_203657_000000482091_00286_43927_9497.N1	DC map used
GOM_TRA_1PNPDE20100725_204214_000000432091_00286_43927_9498.N1	DC map used
GOM_TRA_1PNPDE20100725_205208_000000442091_00286_43927_9499.N1	DC map used
GOM_TRA_1PNPDE20100725_205649_000000472091_00286_43927_9500.N1	DC map used
GOM_TRA_1PNPDE20100725_205821_000000452091_00286_43927_9501.N1	DC map used
GOM_TRA_1PNPDE20100725_205959_000000402091_00286_43927_9502.N1	DC map used
GOM_TRA_1PNPDE20100725_210158_000000622091_00286_43927_9503.N1	DC map used
GOM_TRA_1PNPDE20100725_210449_000000512091_00286_43927_9504.N1	DC map used
GOM_TRA_1PNPDE20100725_210742_000000502091_00286_43927_9505.N1	DC map used
GOM_TRA_1PNPDE20100725_210918_000000492091_00286_43927_9506.N1	DC map used

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



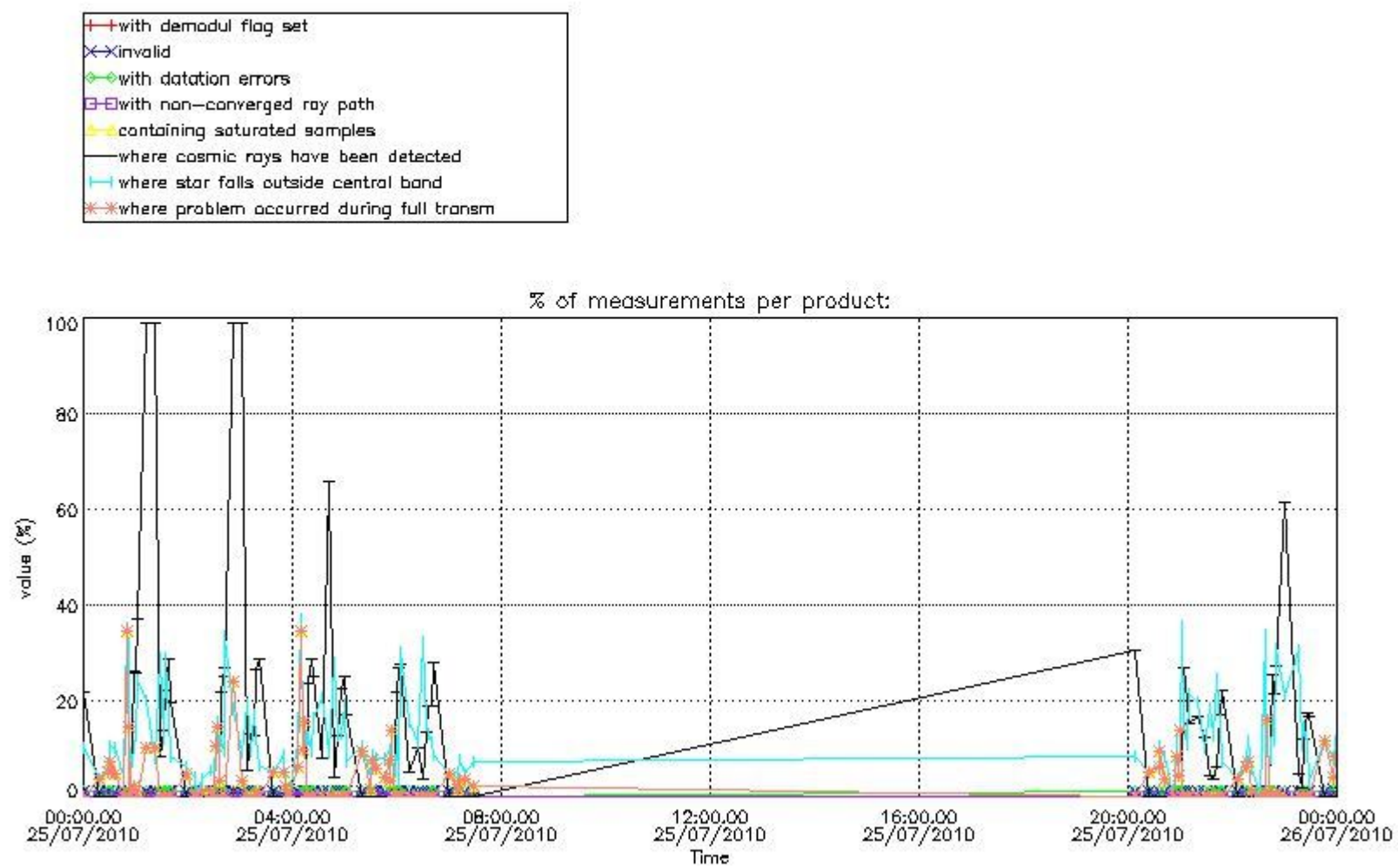
5. Demodulation flag and quality information monitoring

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.

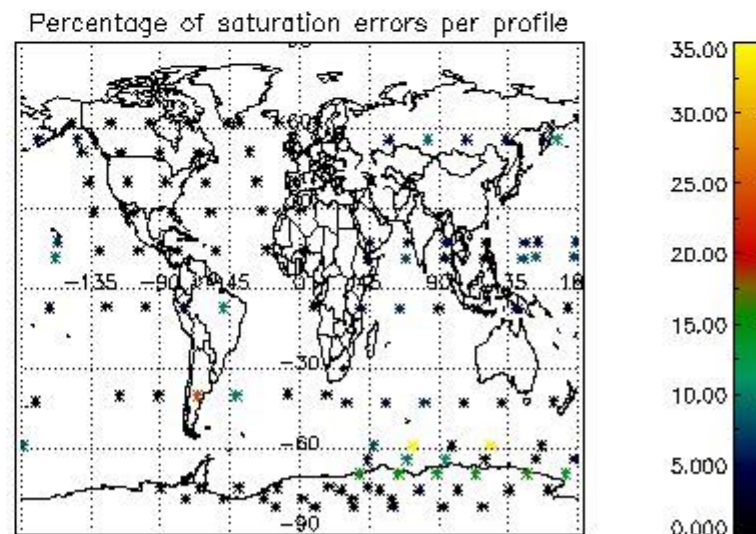
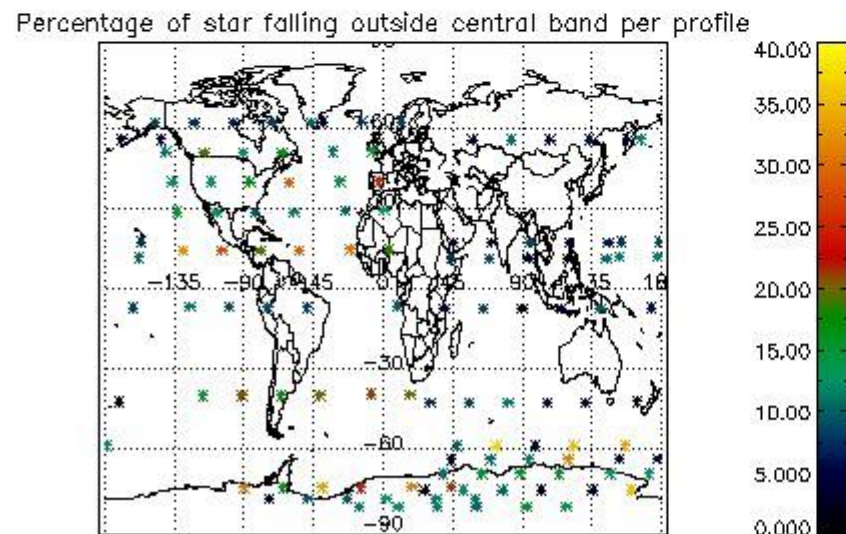
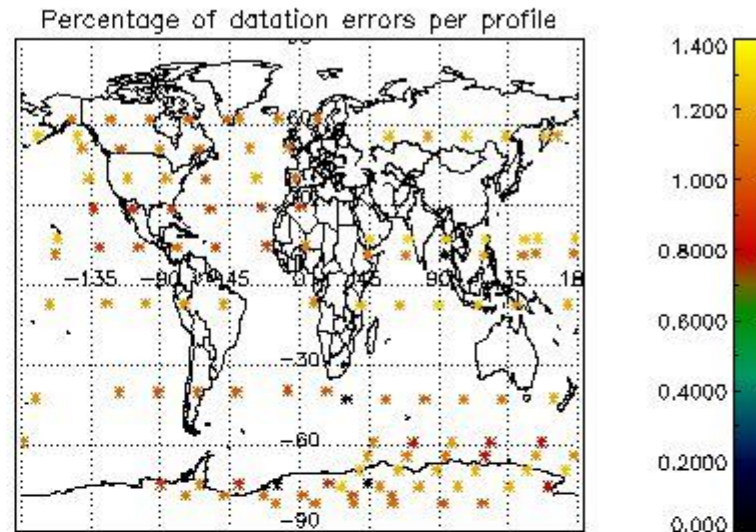
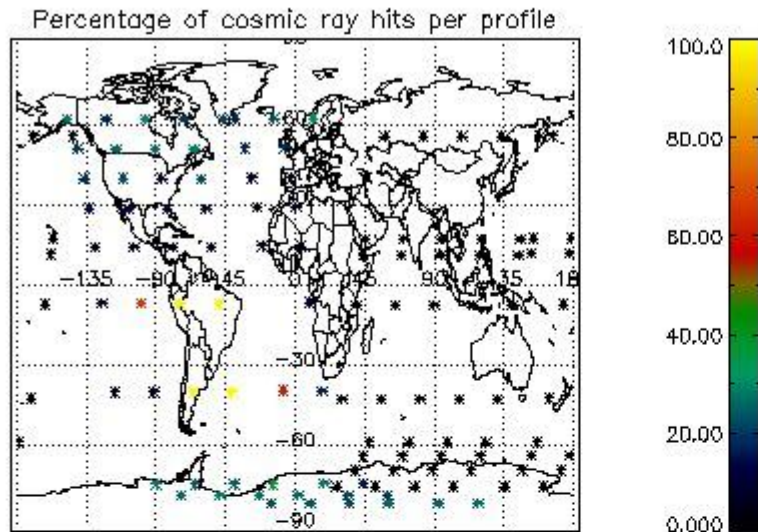
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	39.8374 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



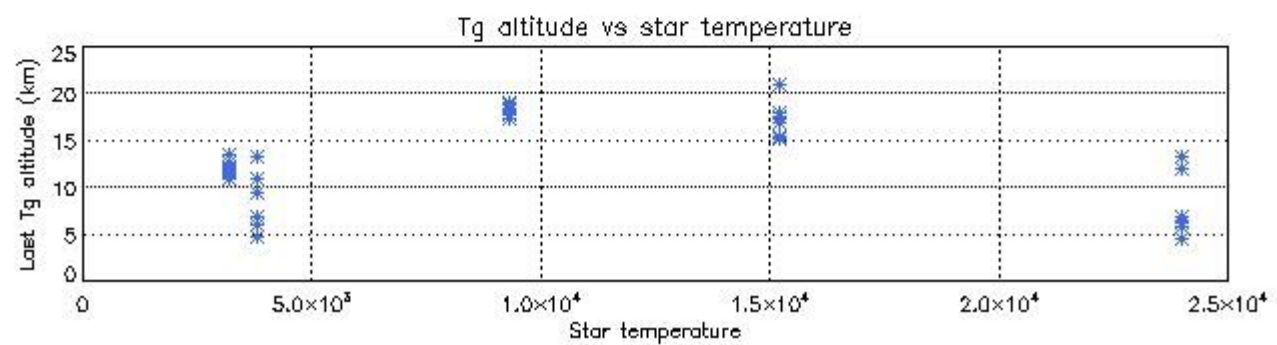
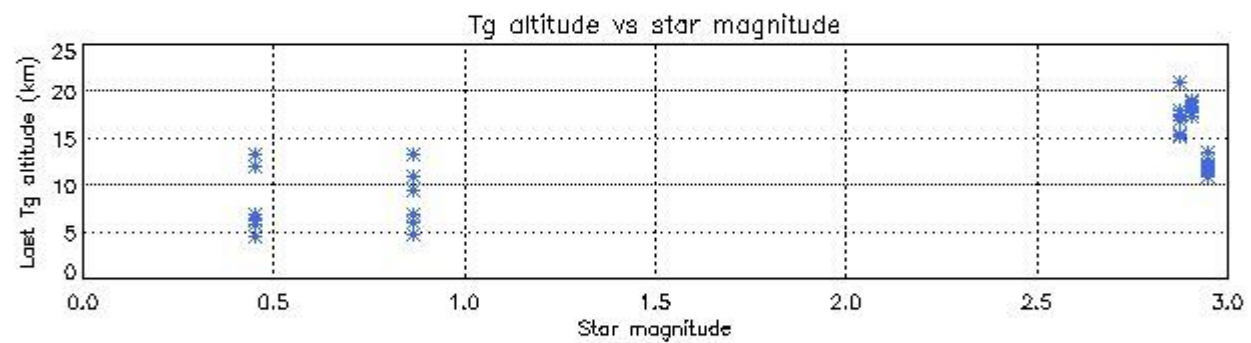
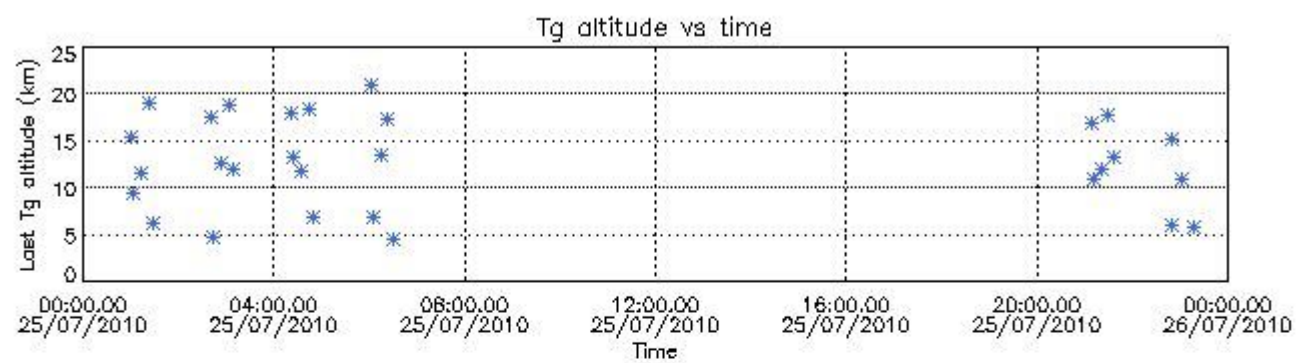
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	12.641	19.392	NaN
St. deviation:	4.8698	5.6384	NaN
Maximum:	21.003	33.125	NaN
Minimum:	4.4211	3.9922	NaN
Number of data:	29.000	62.000	NaN

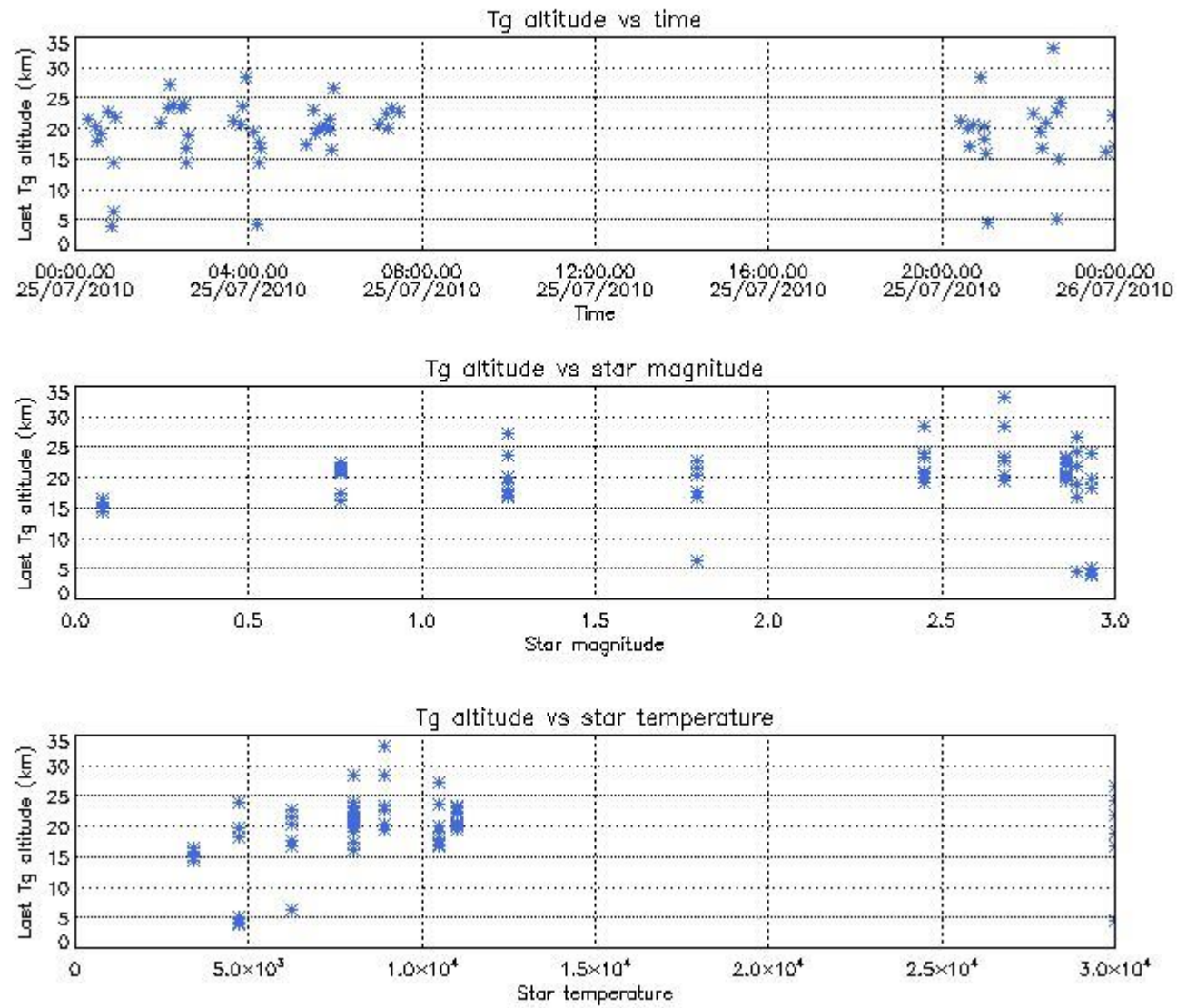
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

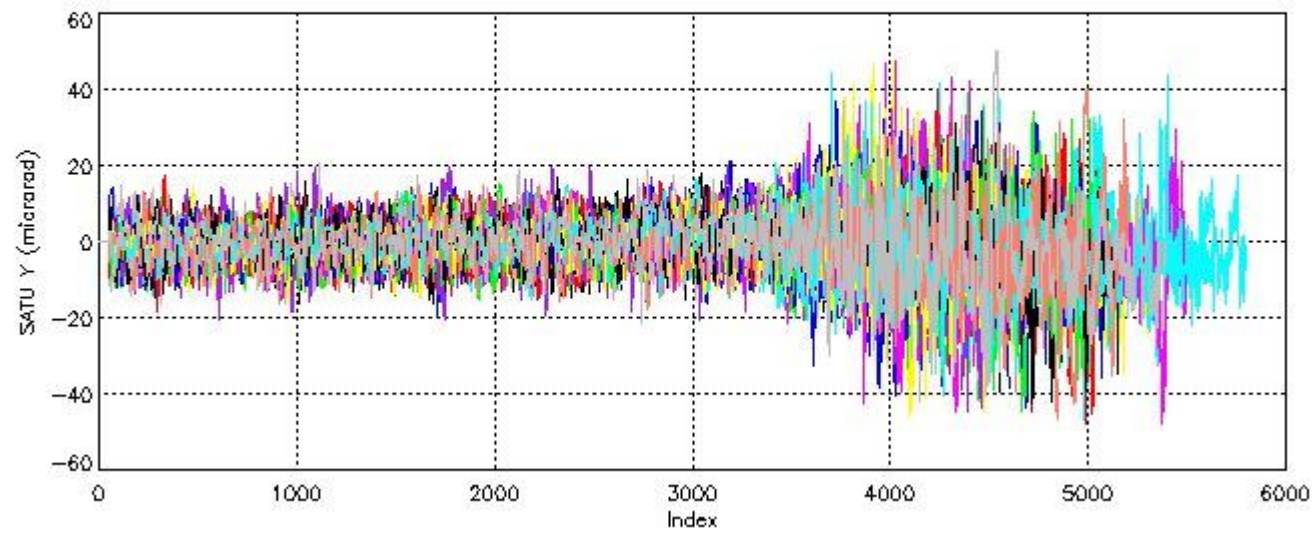
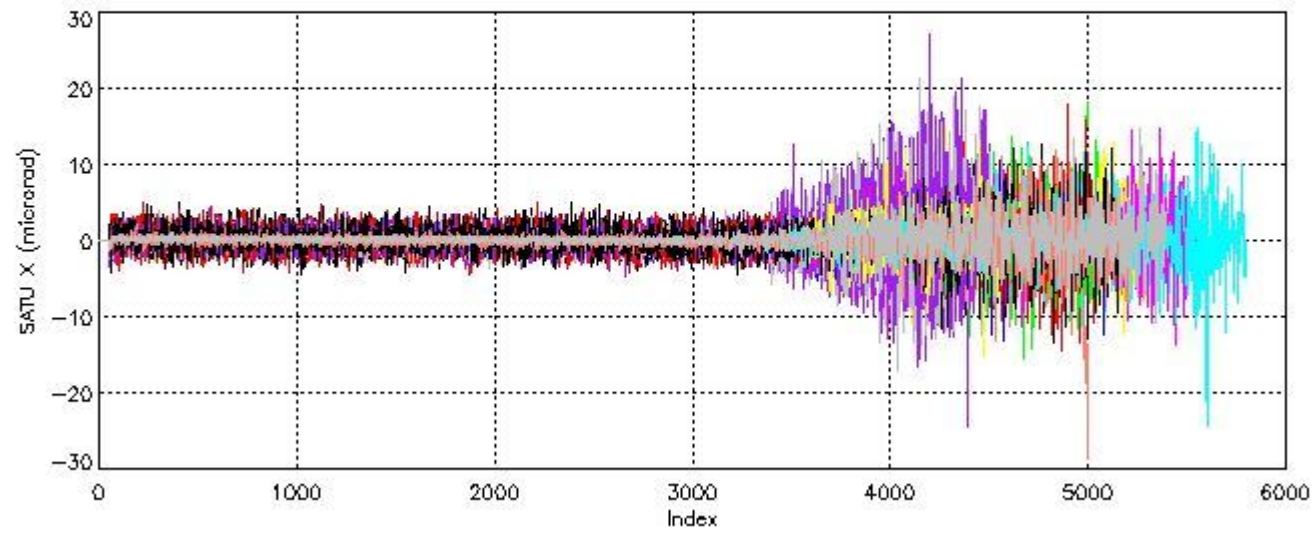


7. Star Acquisition and Tracking Unit (SATU)

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:	0.18706	-0.81805	0.20982	-0.69160
St. deviation:	0.60509	4.4205	0.82153	4.1764
Maximum:	5.1000	19.600	6.1000	15.900
Minimum:	-4.4000	-20.600	-4.8000	-22.500

Number of data:	29650.	29650.	63950.	63950.
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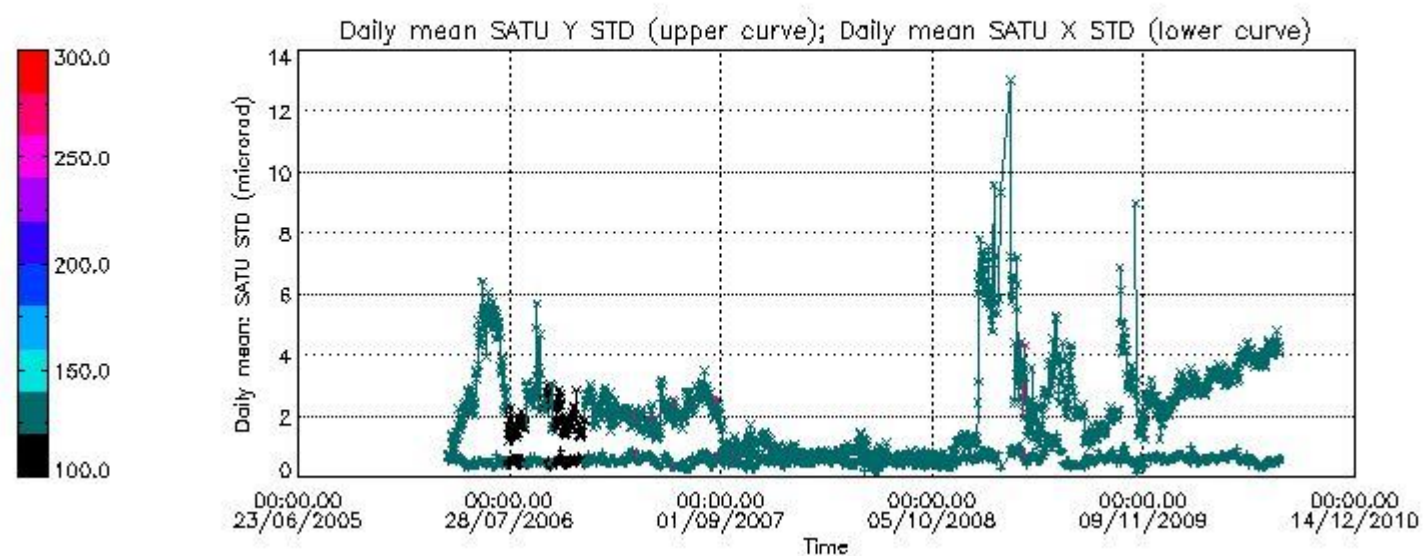
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

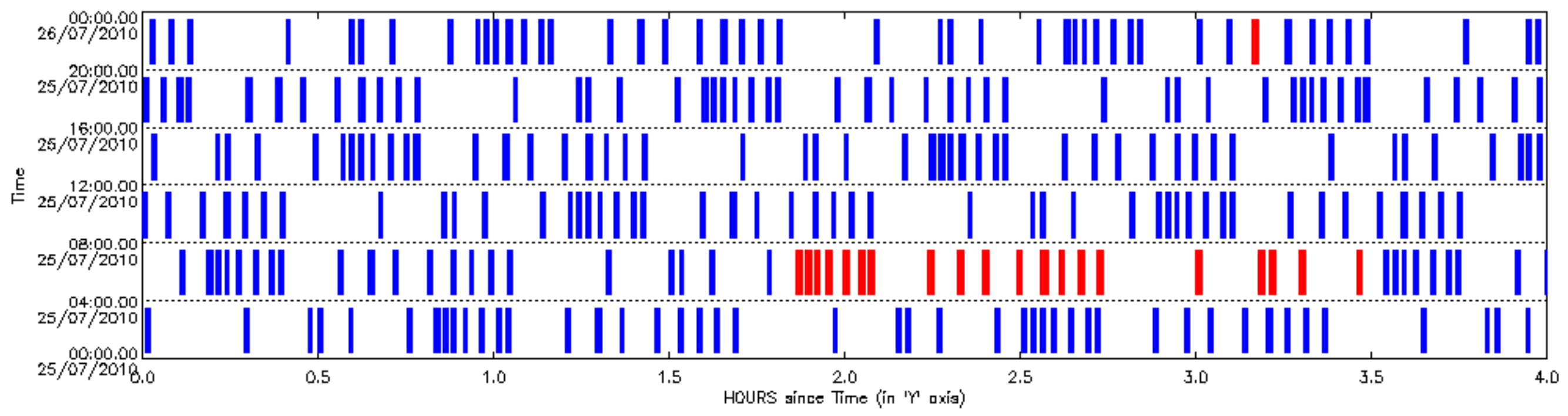
Lower curve: STD of SATU X axis

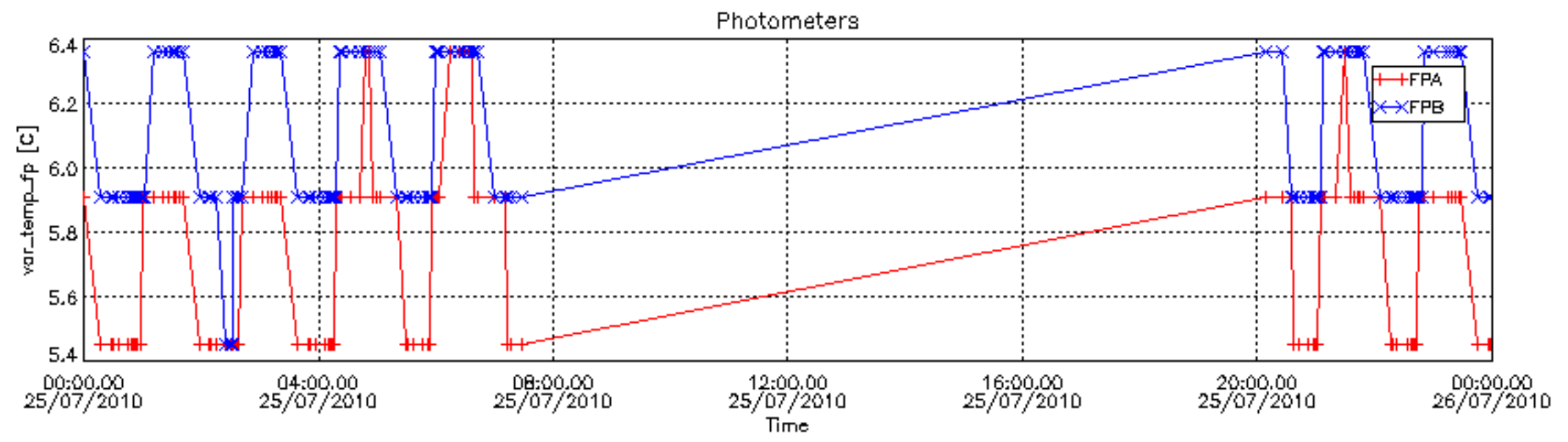
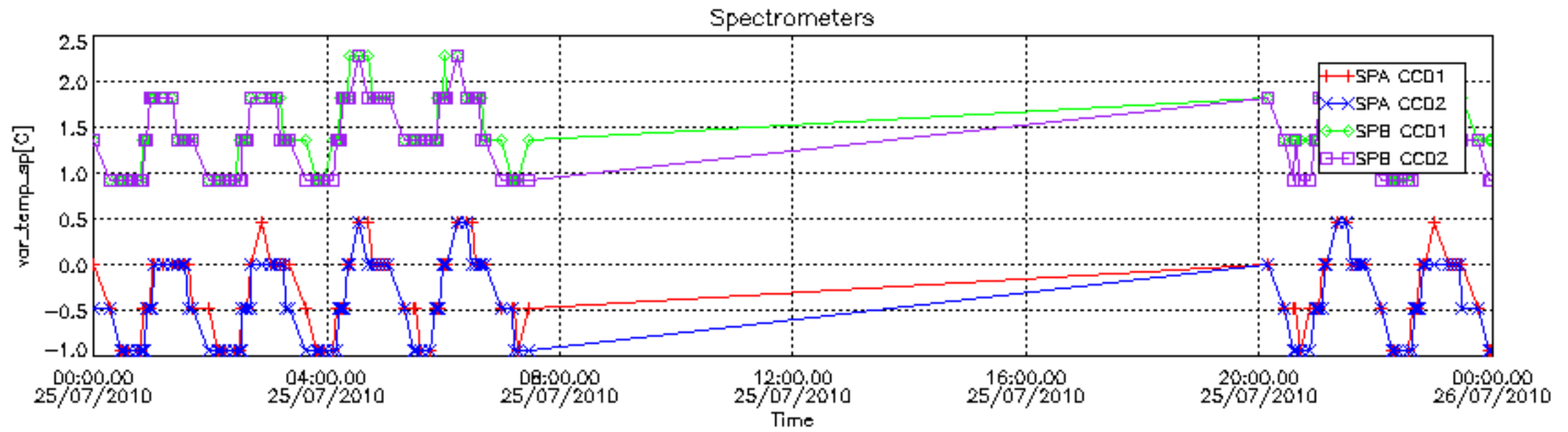


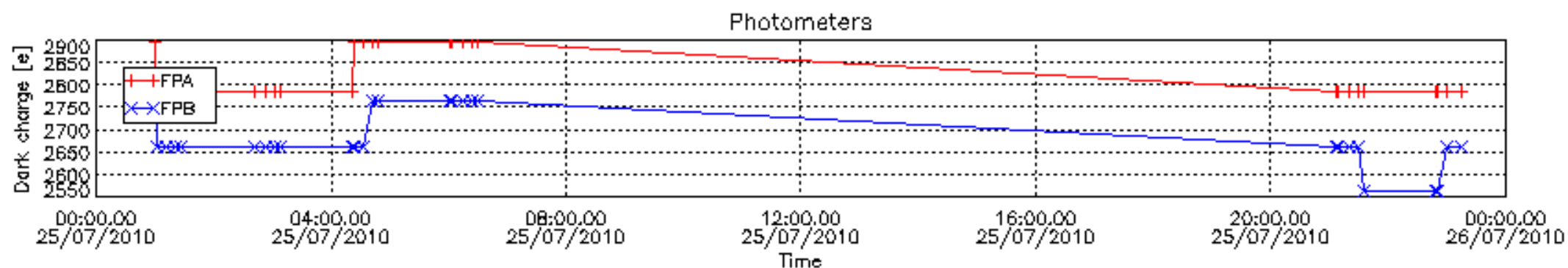
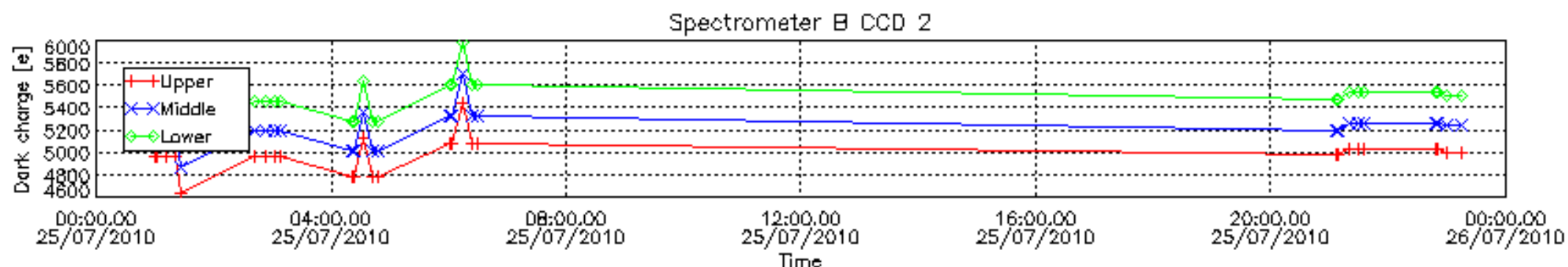
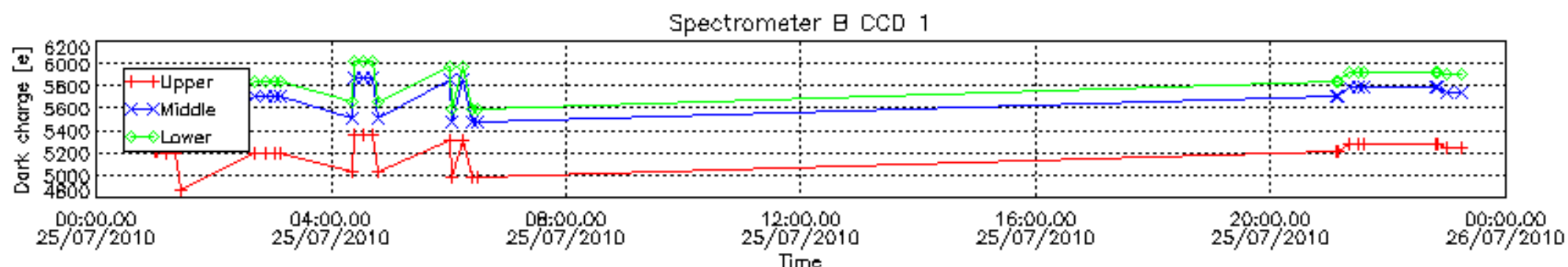
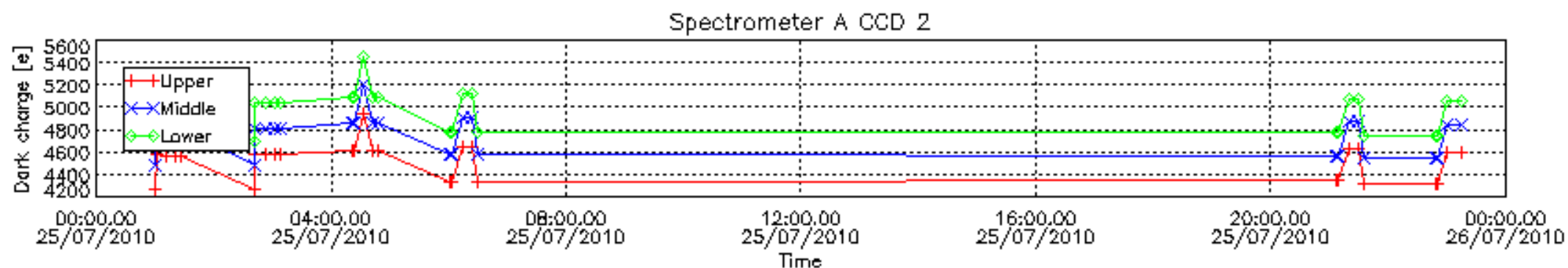
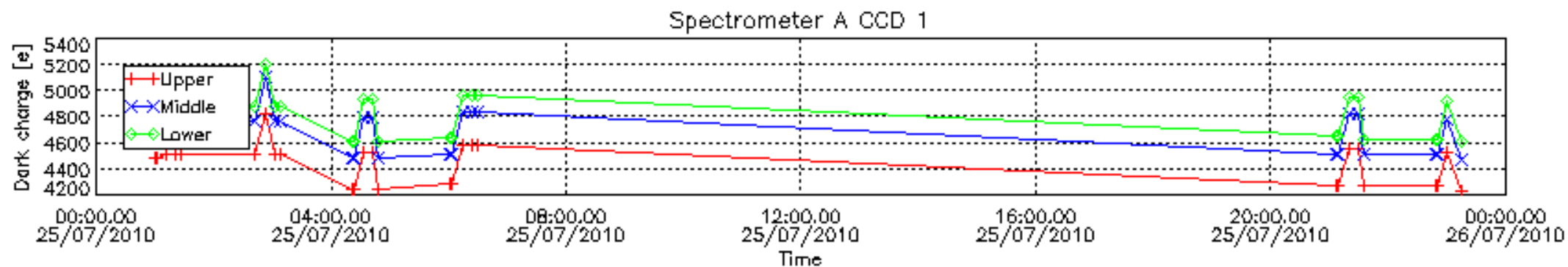
8. Auxiliary Data Files used for the production reported in section 2.4

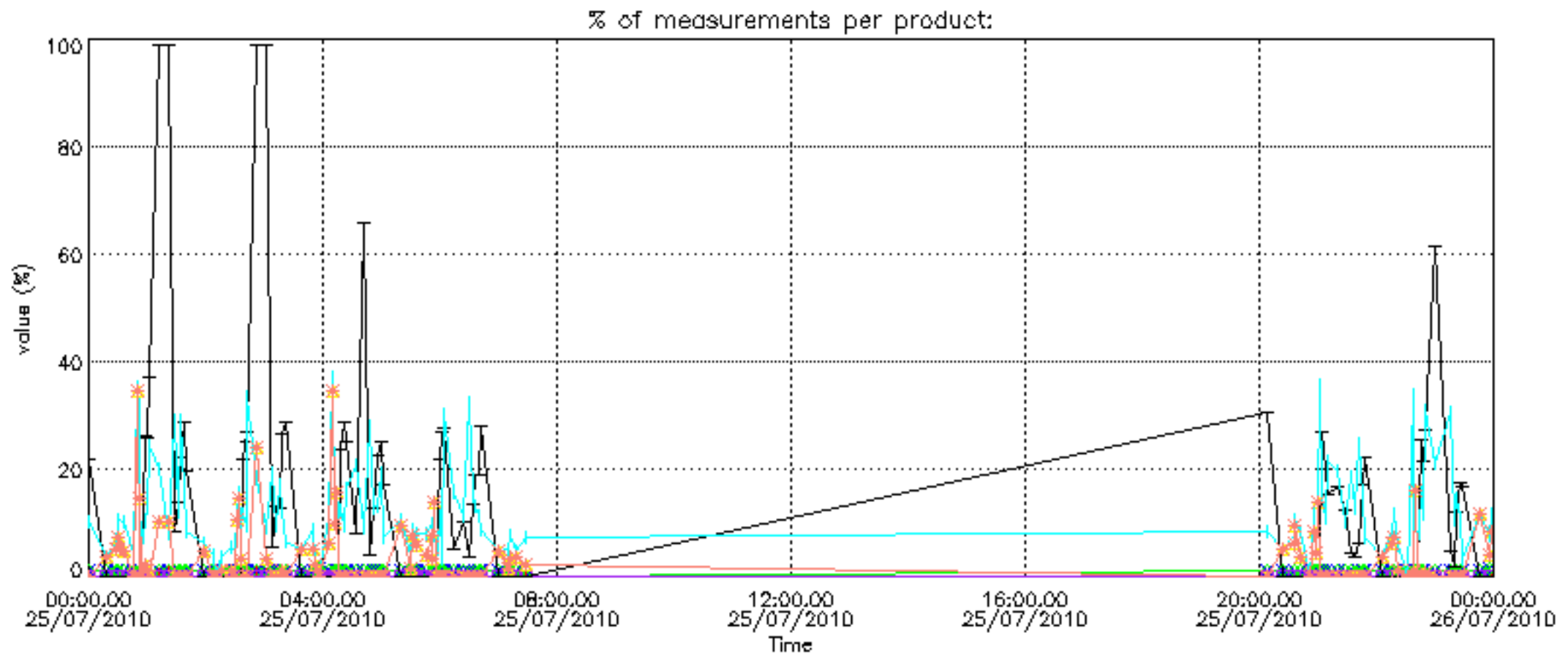
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-JUL-2010 00:00:22
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100720_095840_20100718_000000_20500101_000000	1	25-JUL-2010 00:00:22
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	25-JUL-2010 00:00:22
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	25-JUL-2010 00:00:22
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	25-JUL-2010 00:00:22
ECMWF_FILE	AUX_ECF_AXNECM20100724_054115_20100724_210000_20100725_090000	1	25-JUL-2010 00:00:22
ECMWF_FILE	AUX_ECF_AXNECM20100724_170436_20100725_030000_20100725_150000	43	25-JUL-2010 03:56:20
ECMWF_FILE	AUX_ECA_AXNECM20100725_164114_20100725_030000_20100725_150000	63	25-JUL-2010 05:46:50
ECMWF_FILE	MISSING	83	25-JUL-2010 20:07:40
OPTIONAL_ECMWF_FILE	MISSING	1	25-JUL-2010 00:00:22
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100724_232852_000057382091_00273_43914_0816.N1	1	25-JUL-2010 00:00:22
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100724_092115_20100723_191239_20100802_203853	14	25-JUL-2010 01:12:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100725_054606_000057382091_00277_43918_0819.N1	63	25-JUL-2010 05:46:50
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100725_200131_000041442091_00286_43927_0820.N1	83	25-JUL-2010 20:07:40
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100725_211554_000057382091_00286_43927_0821.N1	96	25-JUL-2010 21:19:31
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100725_225651_000057382091_00287_43928_0822.N1	115	25-JUL-2010 23:00:07

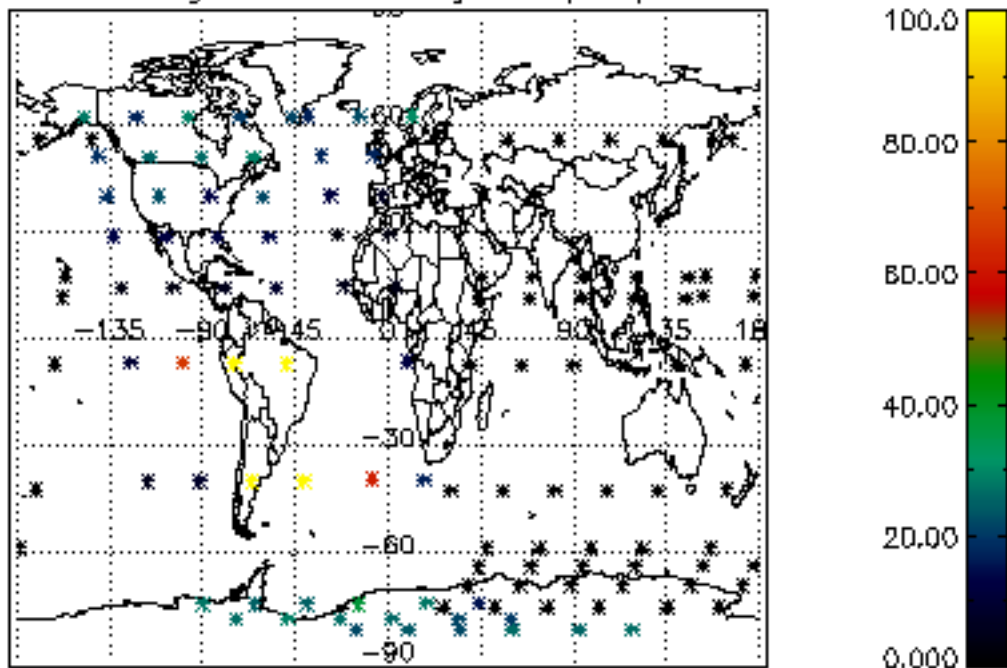




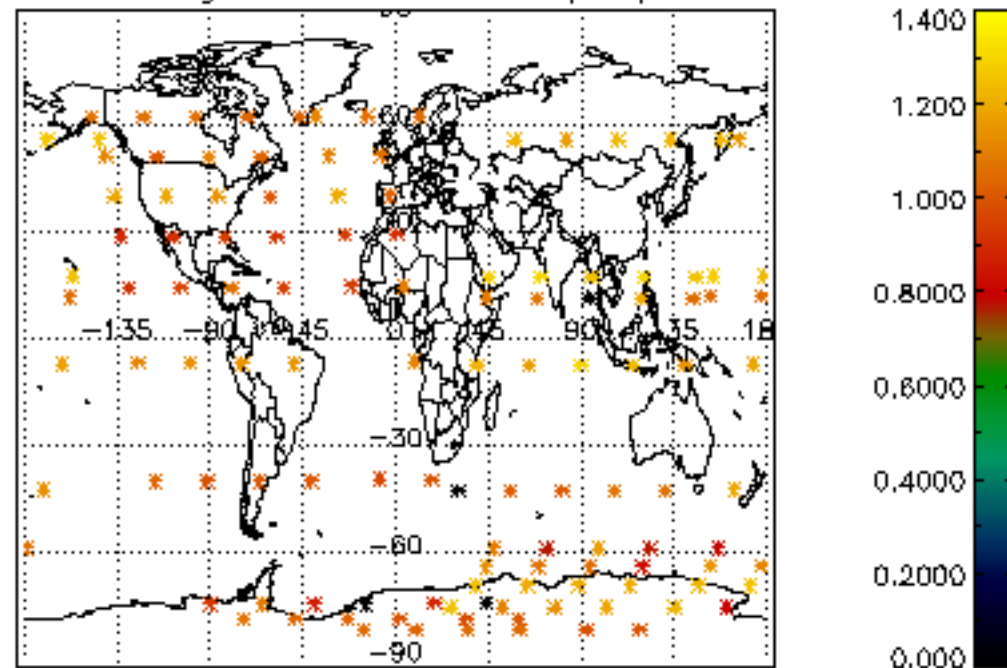




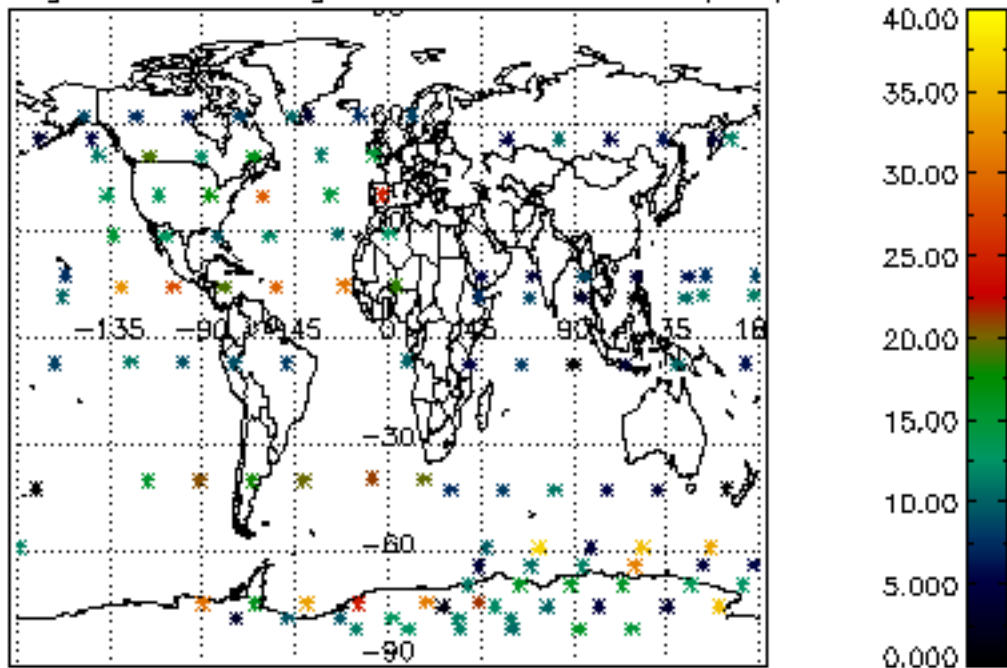
Percentage of cosmic ray hits per profile



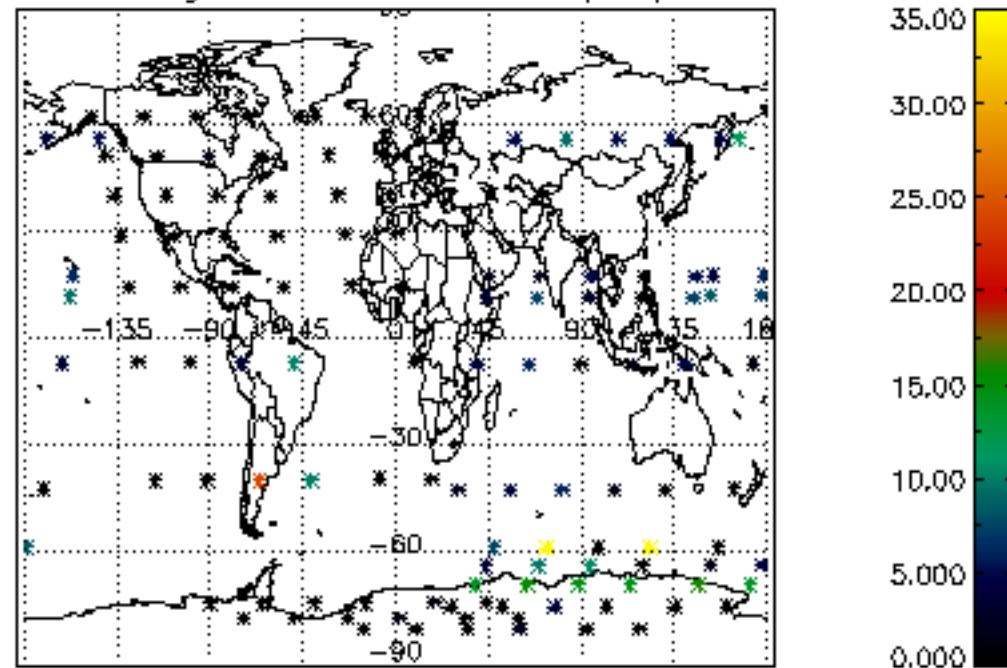
Percentage of datation errors per profile



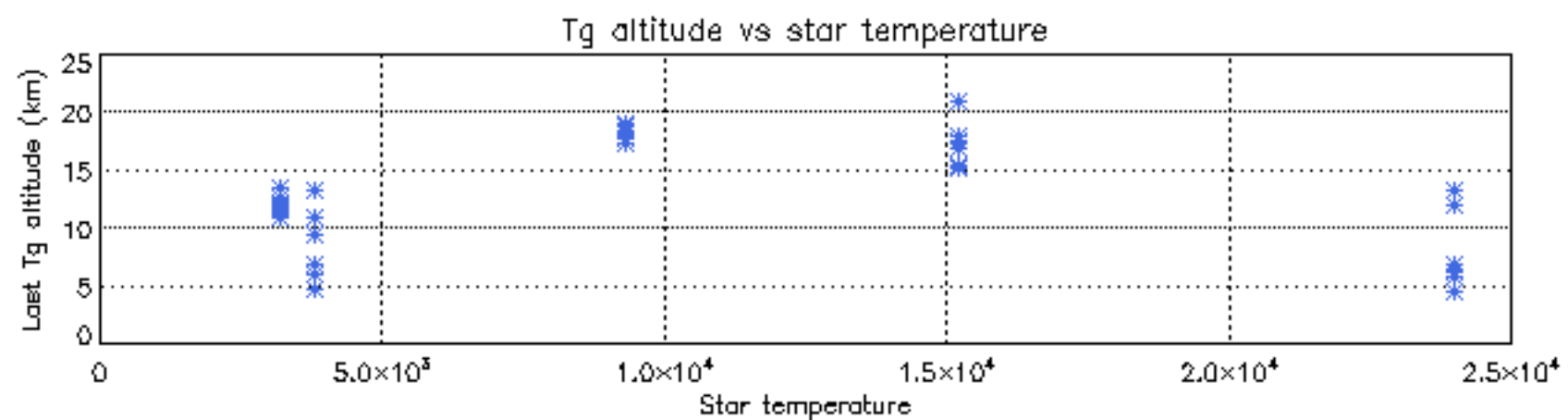
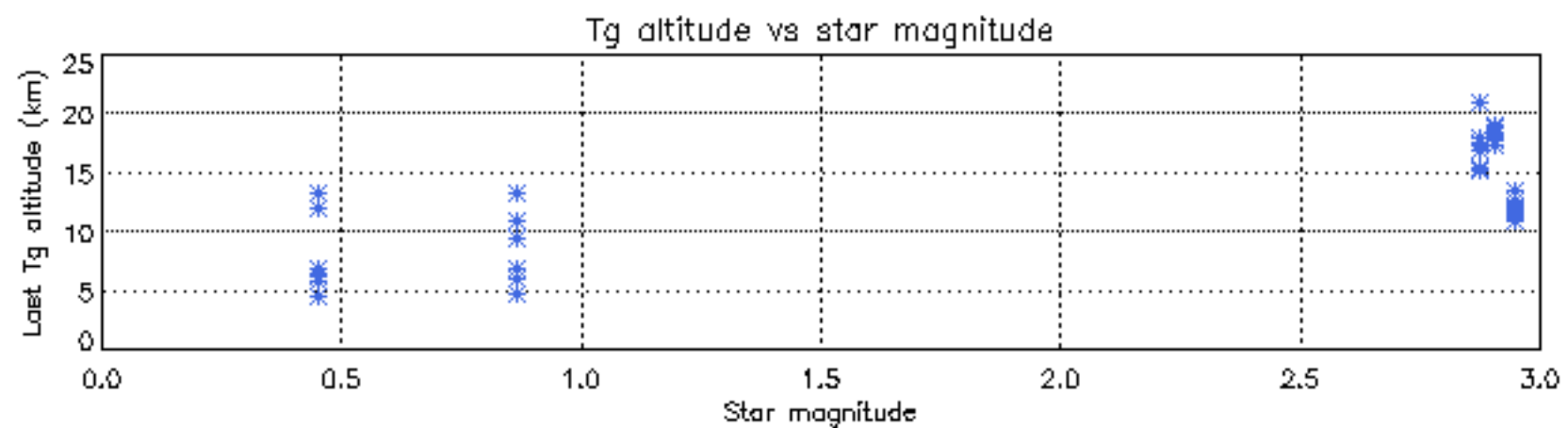
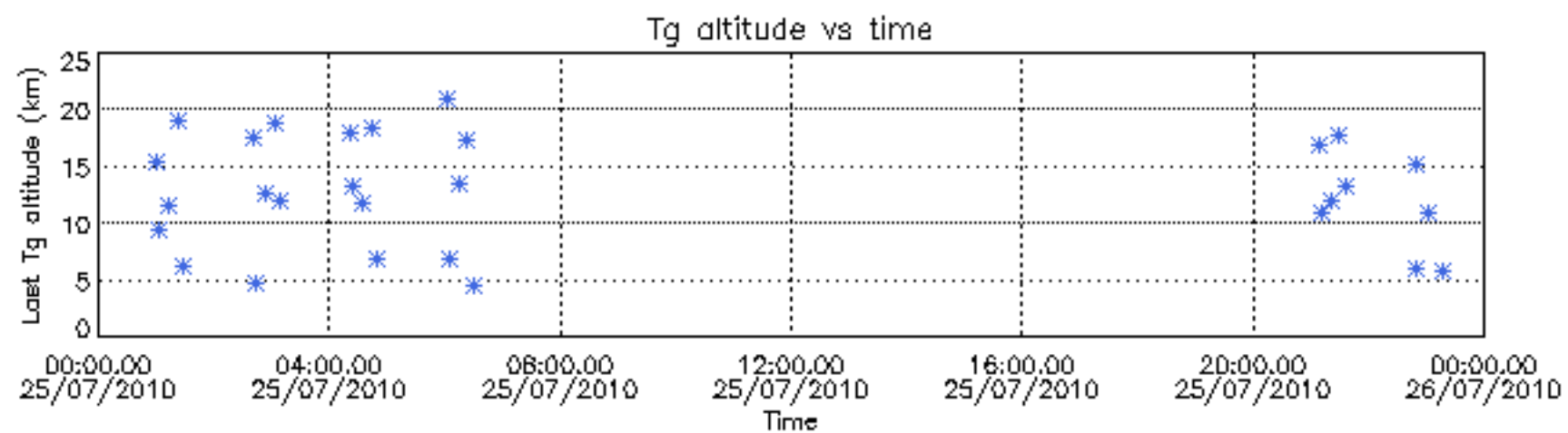
Percentage of star falling outside central band per profile



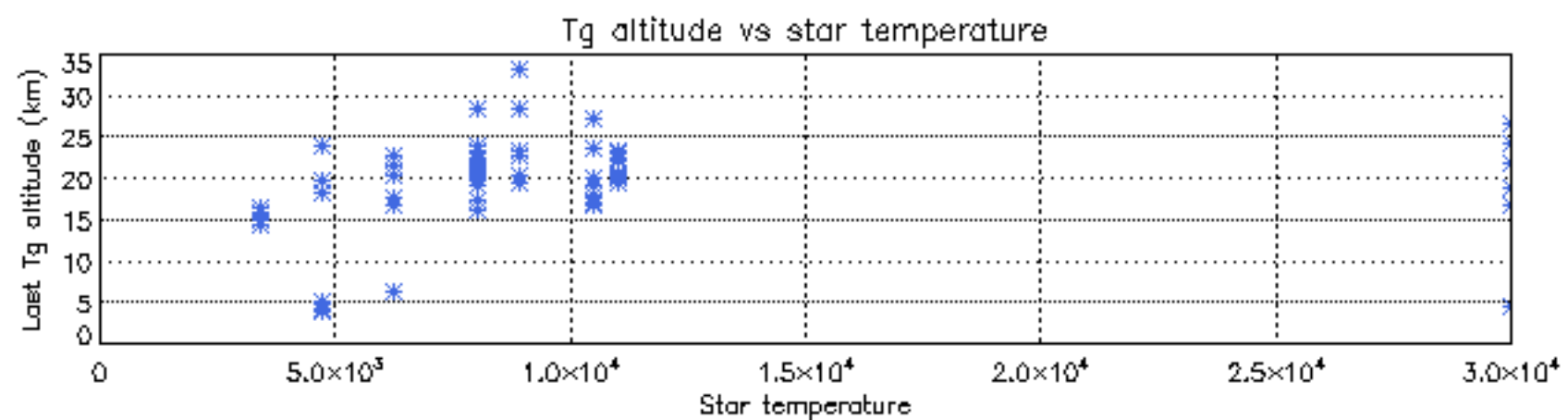
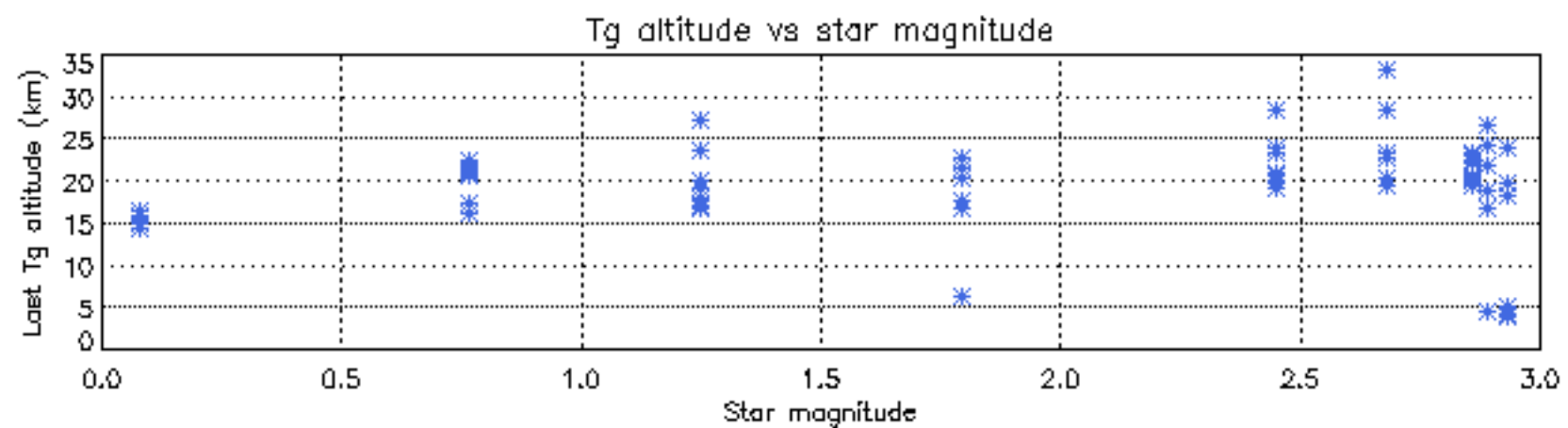
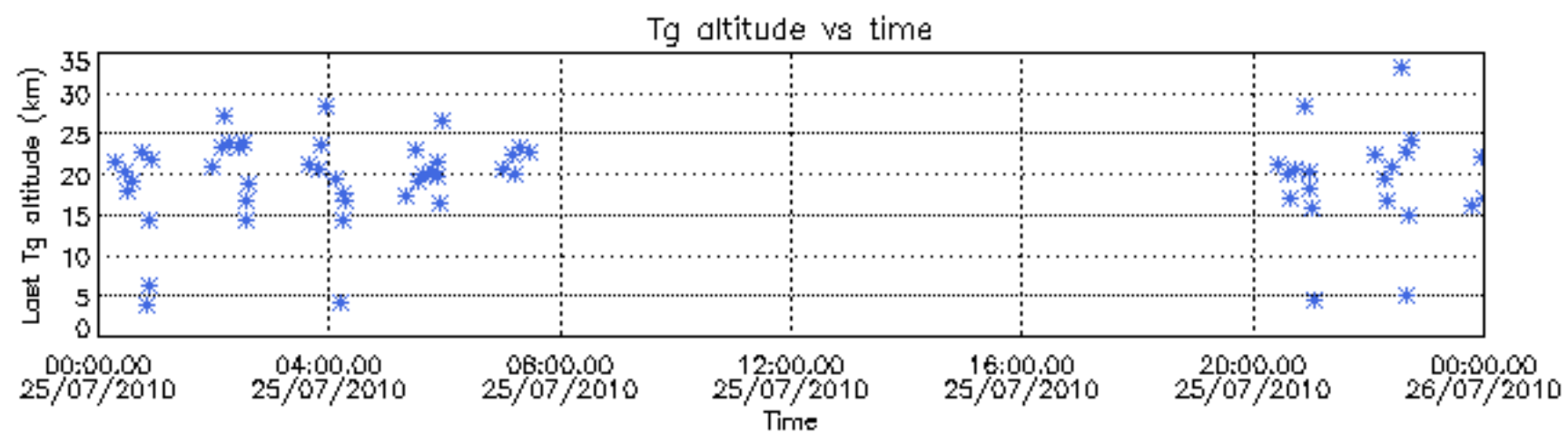
Percentage of saturation errors per profile

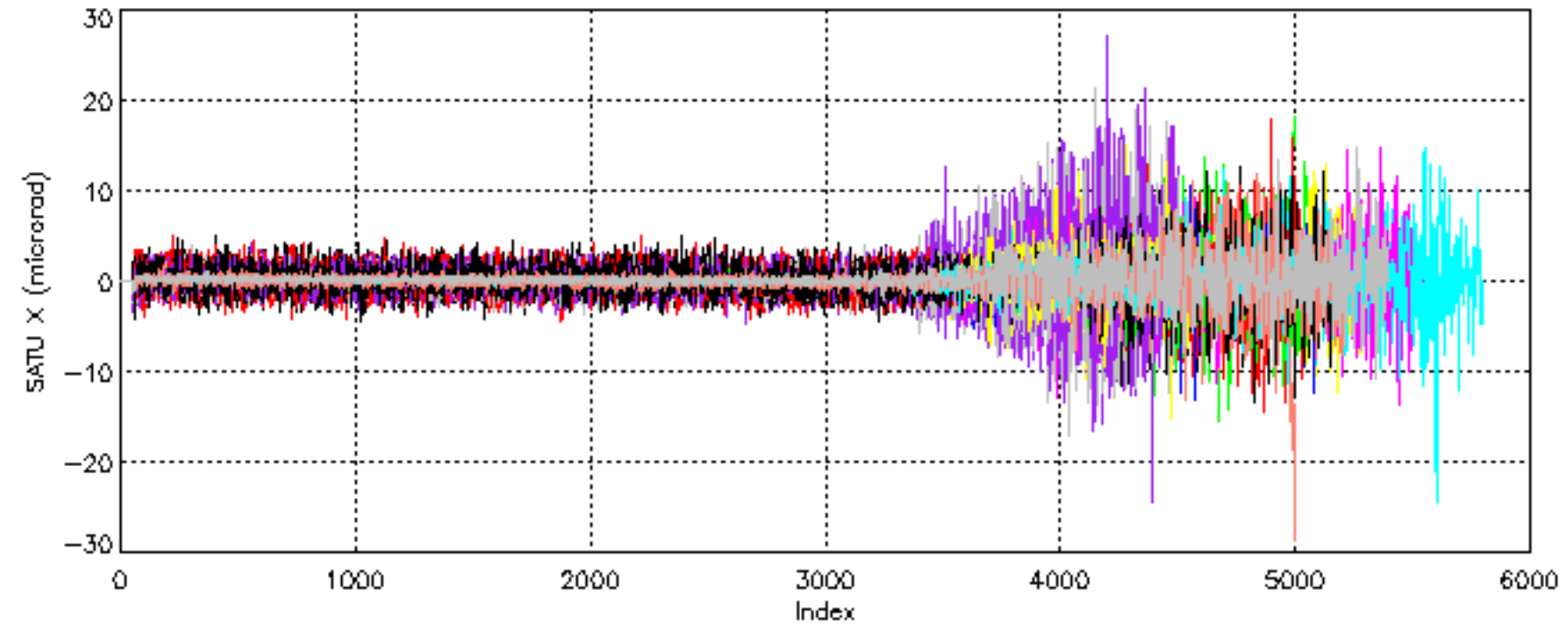


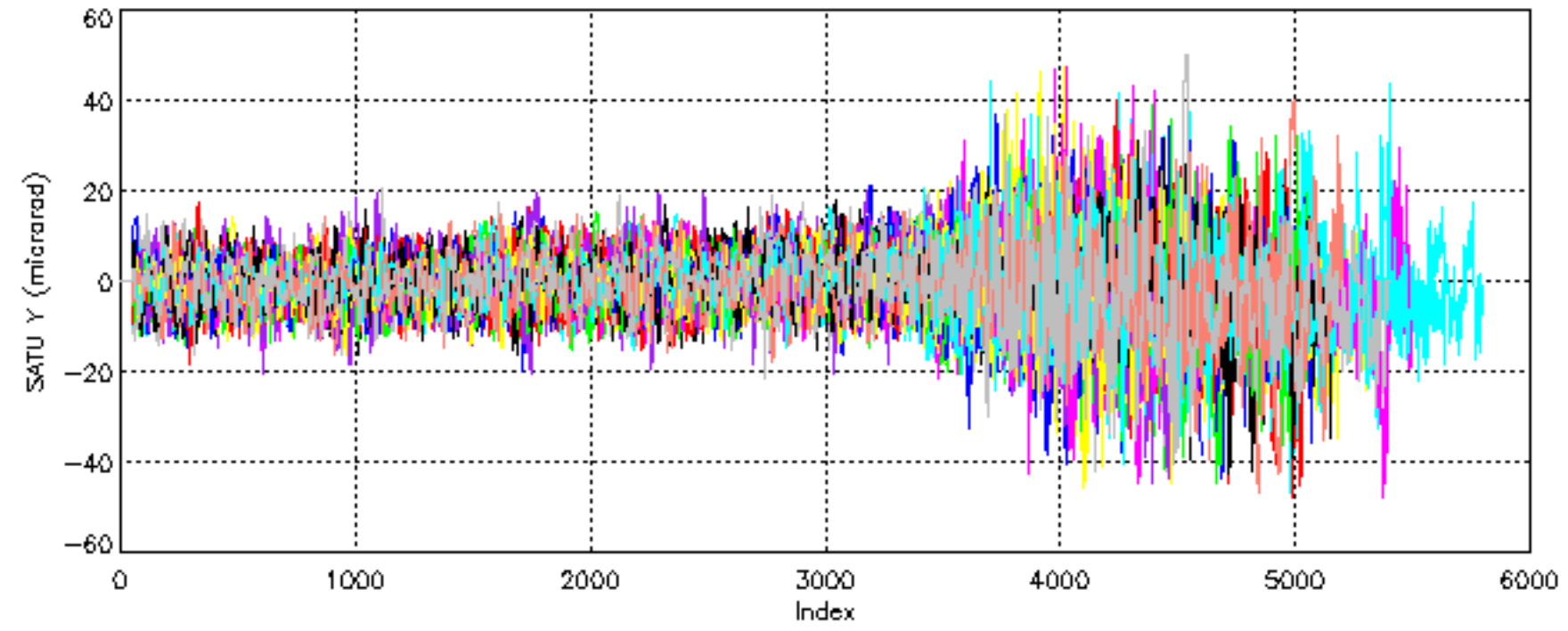
Tangent altitude at which the star is lost

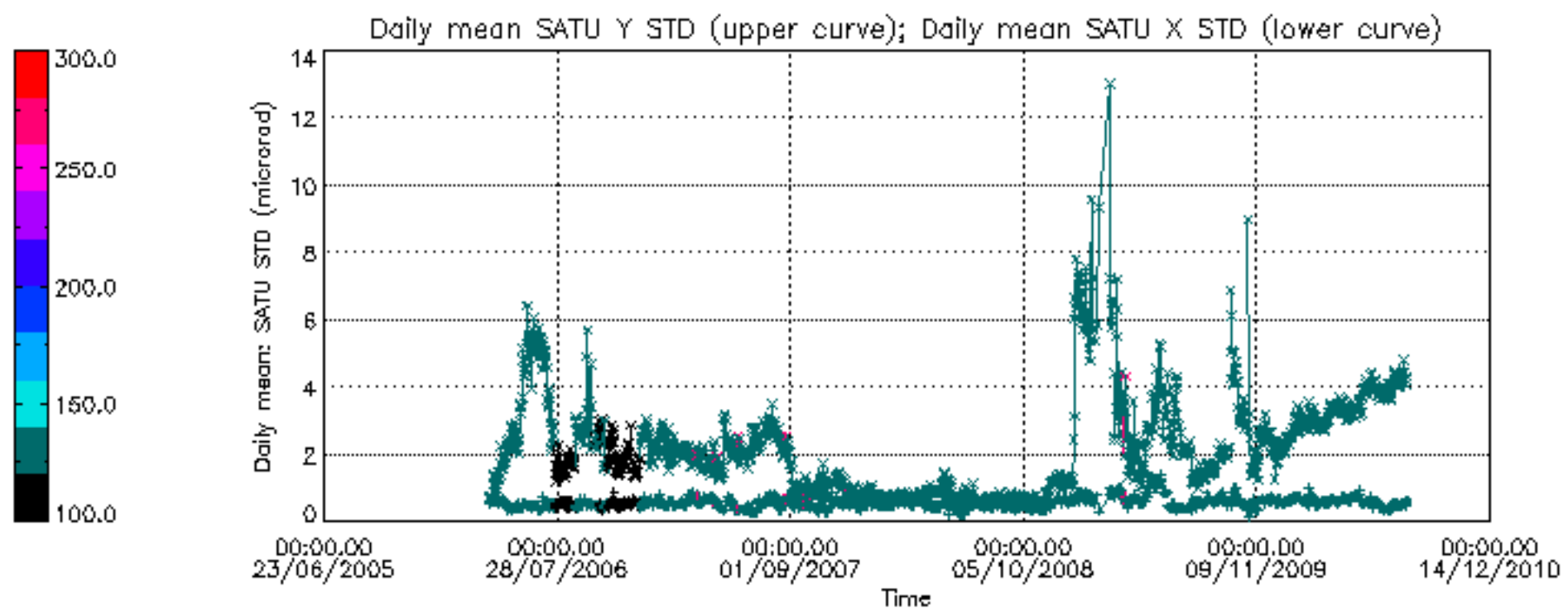


Tangent altitude at which the star is lost









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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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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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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
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
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4; 2650.9; 01-JUL-2010 09:44:35; Bright; 46.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 93; 0;43577
5; 2808.7; 01-JUL-2010 09:47:13; Bright; 39.5; 130; 23Bet Dra ; 2.80; 5800;occ; 79; 0;43577
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9; 4062.1; 01-JUL-2010 11:48:42; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;43578

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 3; 2649.4; 01-JUL-2010 14:46:21; Bright; 47.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 95; 0;43580
 4; 2918.4; 01-JUL-2010 14:50:50; Bright; 48.5; 144; 18Del Cyg ; 2.86; 11000;occ; 97; 0;43580
 5; 3137.9; 01-JUL-2010 14:54:29; Bright; 59.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 119; 0;43580
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 7; 3772.7; 02-JUL-2010 21:15:51; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;43598
 8; 3870.0; 02-JUL-2010 21:17:28; Bright; 42.0; 110; 37Del Cas ; 2.68; 8900;occ; 84; 0;43598
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 11; 4687.4; 02-JUL-2010 21:31:06; Dark ; 63.5; 50; 13Alp Ari ; 2.01; 4250;occ; 127; 0;43598

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 3; 122.1; 02-JUL-2010 21:55:36; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;43599
 4; 509.5; 02-JUL-2010 22:02:04; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;43599
 5; 620.8; 02-JUL-2010 22:03:55; Dark ; 95.0; 18; 24Alp PsA ; 1.17; 9700;occ; 190; 0;43599
 6; 801.4; 02-JUL-2010 22:06:56; Dark ; 53.5; 172; Gam Gru ; 3.00; 13100;occ; 107; 0;43599
 7; 1485.3; 02-JUL-2010 22:18:20; Bright; 44.5; 155; 41Pi Sgr ; 2.90; 6600;occ; 89; 0;43599
 8; 2219.6; 02-JUL-2010 22:30:34; Bright; 47.5; 168; 17Zet Aql ; 2.99; 11000;occ; 95; 0;43599
 9; 2640.5; 02-JUL-2010 22:37:35; Bright; 44.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 88; 0;43599
 10; 2902.2; 02-JUL-2010 22:41:57; Bright; 50.0; 144; 18Del Cyg ; 2.86; 11000;occ; 100; 0;43599
 11; 3113.9; 02-JUL-2010 22:45:28; Bright; 60.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 121; 0;43599
 12; 3327.7; 02-JUL-2010 22:49:02; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;43599
 13; 3772.1; 02-JUL-2010 22:56:26; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;43599
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 15; 4265.0; 02-JUL-2010 23:04:39; Bright; 53.0; 73; 57Gam1And ; 2.26; 13100;occ; 106; 0;43599
 16; 4419.6; 02-JUL-2010 23:07:14; Dark ; 74.0; 53; 43Bet And ; 2.05; 3300;occ; 148; 0;43599
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 3; 123.3; 02-JUL-2010 23:36:14; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;43600
 4; 510.5; 02-JUL-2010 23:42:41; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;43600
 5; 622.6; 02-JUL-2010 23:44:33; Dark ; 77.5; 18; 24Alp PsA ; 1.17; 9700;occ; 155; 0;43600
 6; 802.4; 02-JUL-2010 23:47:33; Dark ; 57.0; 172; Gam Gru ; 3.00; 13100;occ; 114; 0;43600
 7; 1485.6; 02-JUL-2010 23:58:56; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43600
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11; 3112.7; 03-JUL-2010 00:26:03; Bright; 59.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 119; 0;43600
12; 3326.7; 03-JUL-2010 00:29:37; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;43600
13; 3771.5; 03-JUL-2010 00:37:02; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;43600
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16; 4419.5; 03-JUL-2010 00:47:50; Dark ; 72.5; 53; 43Bet And ; 2.05; 3300;occ; 145; 0;43600
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5; -1351.6; 02-JUL-2010 06:25:39; Dark ; 60.0; 50; 13Alp Ari ; 2.01; 4250;occ; 120; 0;43589
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8; 113.3; 02-JUL-2010 06:50:04; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;43590
9; 501.0; 02-JUL-2010 06:56:32; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;43590
10; 605.1; 02-JUL-2010 06:58:16; Dark ; 78.0; 18; 24Alp PsA ; 1.17; 9700;occ; 156; 0;43590
11; 792.1; 02-JUL-2010 07:01:23; Dark ; 54.0; 172; Gam Gru ; 3.00; 13100;occ; 108; 0;43590
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3; 2909.9; 02-JUL-2010 07:36:41; Bright; 48.0; 144; 18Del Cyg ; 2.86; 11000;occ; 96; 0;43590
4; 3125.1; 02-JUL-2010 07:40:16; Bright; 57.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 115; 0;43590
5; 3333.5; 02-JUL-2010 07:43:45; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;43590
6; 3777.0; 02-JUL-2010 07:51:08; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;43590
7; 3872.4; 02-JUL-2010 07:52:43; Bright; 43.0; 110; 37Del Cas ; 2.68; 8900;occ; 86; 0;43590
8; 4265.4; 02-JUL-2010 07:59:16; Bright; 54.5; 73; 57Gam1And ; 2.26; 13100;occ; 109; 0;43590
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10; 4684.9; 02-JUL-2010 08:06:16; Dark ; 58.0; 50; 13Alp Ari ; 2.01; 4250;occ; 116; 0;43590
11; 5516.5; 02-JUL-2010 08:20:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43590
12; 5893.1; 02-JUL-2010 08:26:24; Dark ; 87.0; 52; 16Bet Cet ; 2.04; 4500;occ; 174; 0;43590
13; 6150.0; 02-JUL-2010 08:30:41; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;43591
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15; 6642.6; 02-JUL-2010 08:38:54; Dark ; 93.0; 18; 24Alp PsA ; 1.17; 9700;occ; 186; 0;43591
16; 6829.2; 02-JUL-2010 08:42:00; Dark ; 57.0; 172; Gam Gru ; 3.00; 13100;occ; 114; 0;43591
17; 7519.7; 02-JUL-2010 08:53:31; Bright; 45.0; 155; 41Pi Sgr ; 2.90; 6600;occ; 90; 0;43591
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3; 2909.0; 02-JUL-2010 09:17:16; Bright; 49.0; 144; 18Del Cyg ; 2.86; 11000;occ; 98; 0;43591
4; 3123.9; 02-JUL-2010 09:20:51; Bright; 60.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 121; 0;43591
5; 3333.0; 02-JUL-2010 09:24:20; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;43591
6; 3776.4; 02-JUL-2010 09:31:43; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;43591
7; 3872.3; 02-JUL-2010 09:33:19; Bright; 42.5; 110; 37Del Cas ; 2.68; 8900;occ; 85; 0;43591
8; 4265.3; 02-JUL-2010 09:39:52; Bright; 52.0; 73; 57Gam1And ; 2.26; 13100;occ; 104; 0;43591
9; 4419.7; 02-JUL-2010 09:42:27; Dark ; 76.5; 53; 43Bet And ; 2.05; 3300;occ; 153; 0;43591
10; 4685.3; 02-JUL-2010 09:46:52; Dark ; 62.0; 50; 13Alp Ari ; 2.01; 4250;occ; 124; 0;43591
11; 5517.4; 02-JUL-2010 10:00:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43591
12; 5895.1; 02-JUL-2010 10:07:02; Dark ; 72.0; 52; 16Bet Cet ; 2.04; 4500;occ; 144; 0;43591
13; 6151.0; 02-JUL-2010 10:11:18; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;43592
14; 6538.9; 02-JUL-2010 10:17:46; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;43592
15; 6644.6; 02-JUL-2010 10:19:31; Dark ; 82.0; 18; 24Alp PsA ; 1.17; 9700;occ; 164; 0;43592
16; 6830.0; 02-JUL-2010 10:22:37; Dark ; 56.0; 172; Gam Gru ; 3.00; 13100;occ; 112; 0;43592
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3; 2908.4; 02-JUL-2010 10:57:51; Bright; 48.5; 144; 18Del Cyg ; 2.86; 11000;occ; 97; 0;43592
4; 3122.9; 02-JUL-2010 11:01:26; Bright; 57.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 115; 0;43592
5; 3332.1; 02-JUL-2010 11:04:55; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;43592
6; 3776.1; 02-JUL-2010 11:12:19; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;43592
7; 3872.0; 02-JUL-2010 11:13:55; Bright; 62.0; 110; 37Del Cas ; 2.68; 8900;occ; 124; 0;43592
8; 4265.4; 02-JUL-2010 11:20:28; Bright; 56.5; 73; 57Gam1And ; 2.26; 13100;occ; 113; 0;43592
9; 4419.4; 02-JUL-2010 11:23:02; Dark ; 72.5; 53; 43Bet And ; 2.05; 3300;occ; 145; 0;43592

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16; 6831.2; 02-JUL-2010 12:03:14; Dark ; 56.0; 172; Gam Gru ; 3.00; 13100;occ; 112; 0;43593
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13; 6153.3; 02-JUL-2010 13:32:32; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;43594
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16; 6832.2; 02-JUL-2010 13:43:51; Dark ; 54.0; 172; Gam Gru ; 3.00; 13100;occ; 108; 0;43594
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12; 5520.1; 02-JUL-2010 15:02:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43594
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 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
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 12; 3738.8; 07-JUL-2010 01:51:13; Bright; 50.5; 74; 11Bet Cas ; 2.27; 6600;occ; 101; 0;43658
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 14; 4259.3; 07-JUL-2010 01:59:53; Bright; 52.0; 73; 57Gam1And ; 2.26; 13100;occ; 104; 0;43658
 15; 4418.8; 07-JUL-2010 02:02:33; Dark ; 77.0; 53; 43Bet And ; 2.05; 3300;occ; 154; 0;43658
 16; 4710.9; 07-JUL-2010 02:07:25; Dark ; 66.5; 50; 13Alp Ari ; 2.01; 4250;occ; 133; 0;43658
 17; 5017.2; 07-JUL-2010 02:12:31; Dark ; 55.0; 94; 92Alp Cet ; 2.53; 3100;occ; 110; 0;43658

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11; 723.1; 07-JUL-2010 04:22:09; Dark ; 82.5; 18; 24Alp PsA ; 1.17; 9700;occ; 165; 0;43660
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13; 2192.8; 07-JUL-2010 04:46:39; Bright; 44.5; 168; 17Zet Aql ; 2.99; 11000;occ; 89; 0;43660
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16; 3043.1; 07-JUL-2010 05:00:49; Bright; 55.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 111; 0;43660
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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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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
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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
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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
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15; 4715.9; 07-JUL-2010 23:55:17; Dark ; 67.5; 50; 13Alp Ari ; 2.01; 4250;occ; 135; 0;43671
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5; 742.6; 08-JUL-2010 00:29:40; Dark ; 81.0; 18; 24Alp PsA ; 1.17; 9700;occ; 162; 0;43672
6; 872.2; 08-JUL-2010 00:31:49; Dark ; 55.0; 172; Gam Gru ; 3.00; 13100;occ; 110; 0;43672

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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
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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
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10; 2607.1; 09-JUL-2010 02:09:43; Bright; 39.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 79; 0;43687
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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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21;	8773.6;	22-JUL-2010	05:24:30;	Bright;		39.0;	144;	18Del	Cyg	;	2.86;	11000;	occ;	78;	0;	43875
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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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