

GOMOS Daily Report 30-MAY-2011

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	03JUN2011 07:06:42
Data source version	GOMOS/5.01
Start time of products	30MAY2011 00:00:49
Stop time of products	30MAY2011 23:56:53
Store outputs in DB	Yes
Nb of level 1b prods	327
Nb of prods with errors	2

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

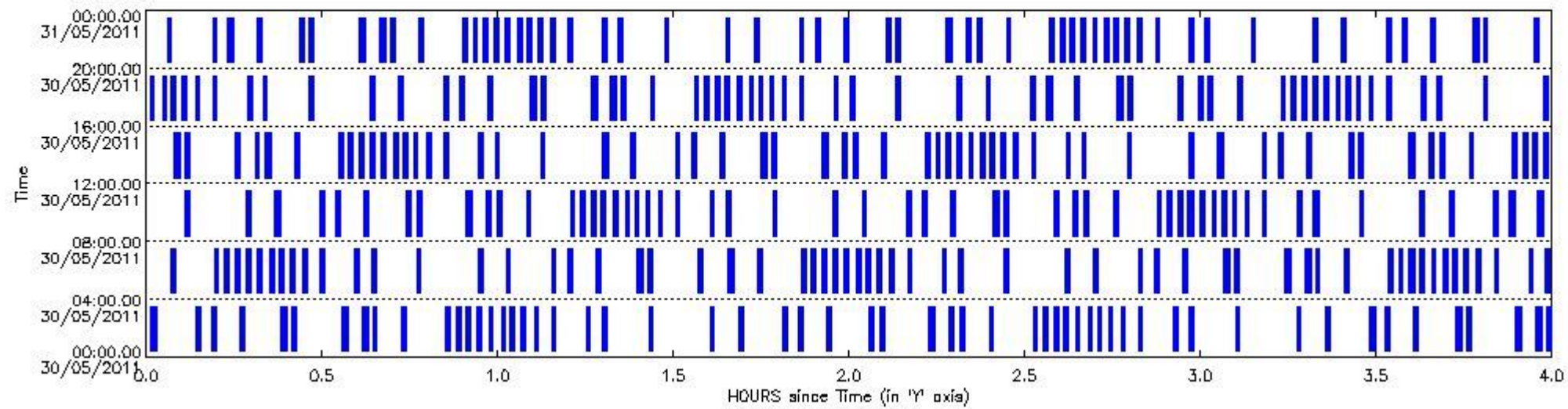
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

No missing products.

2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110530_000049_000000513103_00059_48349_0537.N1	30-MAY-2011 00:00:49	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	48349	No
2	GOM_TRA_1PNPDE20110530_000828_000000463103_00059_48349_0538.N1	30-MAY-2011 00:08:28	Bright	45.500	53	43Bet And	2.0480	3300.0	91	48349	No
3	GOM_TRA_1PNPDE20110530_001106_000000533103_00059_48349_0539.N1	30-MAY-2011 00:11:06	Twilight_and_stray	53.000	58	21Alp And	2.0730	11000.	106	48349	No
4	GOM_TRA_1PNPDE20110530_001557_000000513103_00059_48349_0540.N1	30-MAY-2011 00:15:57	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48349	No
5	GOM_TRA_1PNPDE20110530_002454_000000493103_00059_48349_0635.N1	30-MAY-2011 00:24:54	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	48349	No
6	GOM_TRA_1PNPDE20110530_003321_000000653103_00059_48349_0636.N1	30-MAY-2011 00:33:21	Dark	65.000	18	24Alp PsA	1.1660	9700.0	130	48349	No
7	GOM_TRA_1PNPDE20110530_003647_000000613103_00060_48350_0637.N1	30-MAY-2011 00:36:47	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	48350	No
8	GOM_TRA_1PNPDE20110530_003838_000000463103_00060_48350_0638.N1	30-MAY-2011 00:38:38	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48350	No
9	GOM_TRA_1PNPDE20110530_004340_000000483103_00060_48350_0639.N1	30-MAY-2011 00:43:40	Straylight	48.000	45	Alp Pav	1.9400	26000.	96	48350	No
10	GOM_TRA_1PNPDE20110530_005111_000000433103_00060_48350_0640.N1	30-MAY-2011 00:51:11	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	48350	No
11	GOM_TRA_1PNPDE20110530_005251_000000493103_00060_48350_0641.N1	30-MAY-2011 00:52:51	Straylight	49.000	40	The Sco	1.8590	7100.0	98	48350	No
12	GOM_TRA_1PNPDE20110530_005439_000000493103_00060_48350_0642.N1	30-MAY-2011 00:54:39	Twilight_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	48350	No

13	GOM_TRA_1PNPDE20110530_005627_000000463103_00060_48350_0643.N1	30-MAY-2011 00:56:27	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	48350	No
14	GOM_TRA_1PNPDE20110530_005830_000000433103_00060_48350_0644.N1	30-MAY-2011 00:58:30	Bright	43.000	136	23Tau Sco	2.8220	30000.	86	48350	No
15	GOM_TRA_1PNPDE20110530_010036_000000423103_00060_48350_0645.N1	30-MAY-2011 01:00:36	Bright	41.500	80	7Del Sco	2.3160	30000.	83	48350	No
16	GOM_TRA_1PNPDE20110530_010210_000000473103_00060_48350_0646.N1	30-MAY-2011 01:02:10	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	48350	No
17	GOM_TRA_1PNPDE20110530_010402_000000433103_00060_48350_0647.N1	30-MAY-2011 01:04:02	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48350	No
18	GOM_TRA_1PNPDE20110530_010614_000000403103_00060_48350_0648.N1	30-MAY-2011 01:06:14	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48350	No
19	GOM_TRA_1PNPDE20110530_010915_000000383103_00060_48350_0649.N1	30-MAY-2011 01:09:15	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48350	No
20	GOM_TRA_1PNPDE20110530_011510_000000373103_00060_48350_0650.N1	30-MAY-2011 01:15:10	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	48350	No
21	GOM_TRA_1PNPDE20110530_011755_000000463103_00060_48350_0651.N1	30-MAY-2011 01:17:55	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48350	No
22	GOM_TRA_1PNPDE20110530_012546_000000393103_00060_48350_0652.N1	30-MAY-2011 01:25:46	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	48350	No
23	GOM_TRA_1PNPDE20110530_013611_000000483103_00060_48350_0653.N1	30-MAY-2011 01:36:11	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	48350	No
24	GOM_TRA_1PNPDE20110530_014103_000000563103_00060_48350_0654.N1	30-MAY-2011 01:41:03	Bright	55.500	76	27Gam Cas	2.3000	30000.	111	48350	No
25	GOM_TRA_1PNPDE20110530_014842_000000433103_00060_48350_0655.N1	30-MAY-2011 01:48:42	Bright	43.000	53	43Bet And	2.0480	3300.0	86	48350	No
26	GOM_TRA_1PNPDE20110530_015121_000000513103_00060_48350_0656.N1	30-MAY-2011 01:51:21	Twilight	51.000	58	21Alp And	2.0730	11000.	102	48350	No
27	GOM_TRA_1PNPDE20110530_015611_000000513103_00060_48350_0657.N1	30-MAY-2011 01:56:11	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	48350	No
28	GOM_TRA_1PNPDE20110530_020508_000000503103_00060_48350_0673.N1	30-MAY-2011 02:05:08	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	48350	No
29	GOM_TRA_1PNPDE20110530_021336_000000603103_00060_48350_0674.N1	30-MAY-2011 02:13:36	Dark	60.000	18	24Alp PsA	1.1660	9700.0	120	48350	No
30	GOM_TRA_1PNPDE20110530_021702_000000563103_00061_48351_0675.N1	30-MAY-2011 02:17:02	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	48351	No
31	GOM_TRA_1PNPDE20110530_021853_000000463103_00061_48351_0676.N1	30-MAY-2011 02:18:53	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48351	No
32	GOM_TRA_1PNPDE20110530_022355_000000443103_00061_48351_0677.N1	30-MAY-2011 02:23:55	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	48351	No
33	GOM_TRA_1PNPDE20110530_023125_000000423103_00061_48351_0678.N1	30-MAY-2011 02:31:25	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48351	No
34	GOM_TRA_1PNPDE20110530_023305_000000533103_00061_48351_0679.N1	30-MAY-2011 02:33:05	Straylight	52.500	40	The Sco	1.8590	7100.0	105	48351	No
35	GOM_TRA_1PNPDE20110530_023453_000000493103_00061_48351_0680.N1	30-MAY-2011 02:34:53	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	48351	No
36	GOM_TRA_1PNPDE20110530_023641_000000493103_00061_48351_0681.N1	30-MAY-2011 02:36:41	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	48351	No
37	GOM_TRA_1PNPDE20110530_023844_000000403103_00061_48351_0682.N1	30-MAY-2011 02:38:44	Bright	40.000	136	23Tau Sco	2.8220	30000.	80	48351	No
38	GOM_TRA_1PNPDE20110530_024050_000000413103_00061_48351_0683.N1	30-MAY-2011 02:40:50	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48351	No
39	GOM_TRA_1PNPDE20110530_024224_000000463103_00061_48351_0684.N1	30-MAY-2011 02:42:24	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	48351	No
40	GOM_TRA_1PNPDE20110530_024416_000000433103_00061_48351_0685.N1	30-MAY-2011 02:44:16	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48351	No
41	GOM_TRA_1PNPDE20110530_024628_000000403103_00061_48351_0686.N1	30-MAY-2011 02:46:28	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48351	No
42	GOM_TRA_1PNPDE20110530_024929_000000383103_00061_48351_0687.N1	30-MAY-2011 02:49:29	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48351	No
43	GOM_TRA_1PNPDE20110530_025523_000000393103_00061_48351_0688.N1	30-MAY-2011 02:55:23	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48351	No
44	GOM_TRA_1PNPDE20110530_025809_000000463103_00061_48351_0689.N1	30-MAY-2011 02:58:09	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	48351	No
45	GOM_TRA_1PNPDE20110530_030559_000000373103_00061_48351_0690.N1	30-MAY-2011 03:05:59	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	48351	No
46	GOM_TRA_1PNPDE20110530_031625_000000473103_00061_48351_0740.N1	30-MAY-2011 03:16:25	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48351	No
47	GOM_TRA_1PNPDE20110530_032117_000000563103_00061_48351_0741.N1	30-MAY-2011 03:21:17	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48351	No
48	GOM_TRA_1PNPDE20110530_032856_000000573103_00061_48351_0742.N1	30-MAY-2011 03:28:56	Bright	57.000	53	43Bet And	2.0480	3300.0	114	48351	No
49	GOM_TRA_1PNPDE20110530_033135_000000533103_00061_48351_0743.N1	30-MAY-2011 03:31:35	Twilight	52.500	58	21Alp And	2.0730	11000.	105	48351	No
50	GOM_TRA_1PNPDE20110530_033626_000000513103_00061_48351_0744.N1	30-MAY-2011 03:36:26	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	48351	No
51	GOM_TRA_1PNPDE20110530_034523_000000483103_00061_48351_0745.N1	30-MAY-2011 03:45:23	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48351	No
52	GOM_TRA_1PNPDE20110530_035351_000000663103_00061_48351_0746.N1	30-MAY-2011 03:53:51	Dark	65.500	18	24Alp PsA	1.1660	9700.0	131	48351	No
53	GOM_TRA_1PNPDE20110530_035717_000000583103_00062_48352_0747.N1	30-MAY-2011 03:57:17	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	48352	No
54	GOM_TRA_1PNPDE20110530_035908_000000473103_00062_48352_0748.N1	30-MAY-2011 03:59:08	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48352	No
55	GOM_TRA_1PNPDE20110530_040409_000000433103_00062_48352_0749.N1	30-MAY-2011 04:04:09	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	48352	No
56	GOM_TRA_1PNPDE20110530_041140_000000393103_00062_48352_0750.N1	30-MAY-2011 04:11:40	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	48352	No
57	GOM_TRA_1PNPDE20110530_041320_000000453103_00062_48352_0751.N1	30-MAY-2011 04:13:20	Straylight	45.000	40	The Sco	1.8590	7100.0	90	48352	No
58	GOM_TRA_1PNPDE20110530_041508_000000473103_00062_48352_0752.N1	30-MAY-2011 04:15:08	Twilight	47.000	25	35Lam Sco	1.6200	28000.	94	48352	No
59	GOM_TRA_1PNPDE20110530_041656_000000483103_00062_48352_0753.N1	30-MAY-2011 04:16:56	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	48352	No
60	GOM_TRA_1PNPDE20110530_041859_000000443103_00062_48352_0754.N1	30-MAY-2011 04:18:59	Bright	43.500	136	23Tau Sco	2.8220	30000.	87	48352	No
61	GOM_TRA_1PNPDE20110530_042105_000000403103_00062_48352_0755.N1	30-MAY-2011 04:21:05	Bright	40.000	80	7Del Sco	2.3160	30000.	80	48352	No
62	GOM_TRA_1PNPDE20110530_042238_000000483103_00062_48352_0756.N1	30-MAY-2011 04:22:38	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48352	No
63	GOM_TRA_1PNPDE20110530_042430_000000443103_00062_48352_0757.N1	30-MAY-2011 04:24:30	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	48352	No
64	GOM_TRA_1PNPDE20110530_042643_000000403103_00062_48352_0758.N1	30-MAY-2011 04:26:43	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48352	No
65	GOM_TRA_1PNPDE20110530_042943_000000383103_00062_48352_0759.N1	30-MAY-2011 04:29:43	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48352	No
66	GOM_TRA_1PNPDE20110530_043537_000000473103_00062_48352_0760.N1	30-MAY-2011 04:35:37	Bright	46.500	67	5Alp CrB	2.2210	11000.	93	48352	No
67	GOM_TRA_1PNPDE20110530_043822_000000553103_00062_48352_0761.N1	30-MAY-2011 04:38:22	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	48352	No
68	GOM_TRA_1PNPDE20110530_044613_000000403103_00062_48352_0762.N1	30-MAY-2011 04:46:13	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48352	No
69	GOM_TRA_1PNPDE20110530_045638_000000483103_00062_48352_0763.N1	30-MAY-2011 04:56:38	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48352	No
70	GOM_TRA_1PNPDE20110530_050131_000000363103_00062_48352_0814.N1	30-MAY-2011 05:01:31	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	48352	No
71	GOM_TRA_1PNPDE20110530_050911_000000403103_00062_48352_0815.N1	30-MAY-2011 05:09:11	Bright	39.500	53	43Bet And	2.0480	3300.0	79	48352	No

72	GOM_TRA_1PNPDE20110530_051149_000000533103_00062_48352_0816.N1	30-MAY-2011 05:11:49	Twilight	53.000	58	21Alp And	2.0730	11000.	106	48352	No
73	GOM_TRA_1PNPDE20110530_051640_000000523103_00062_48352_0817.N1	30-MAY-2011 05:16:40	Dark	52.000	140	88Gam Peg	2.8340	26000.	104	48352	No
74	GOM_TRA_1PNPDE20110530_052537_000000493103_00062_48352_0818.N1	30-MAY-2011 05:25:37	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	48352	No
75	GOM_TRA_1PNPDE20110530_053406_000000533103_00062_48352_0819.N1	30-MAY-2011 05:34:06	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	48352	No
76	GOM_TRA_1PNPDE20110530_053923_000000553103_00063_48353_0820.N1	30-MAY-2011 05:39:23	Dark	54.500	31	Alp Gru	1.7340	15200.	109	48353	No
77	GOM_TRA_1PNPDE20110530_054424_000000433103_00063_48353_0821.N1	30-MAY-2011 05:44:24	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48353	No
78	GOM_TRA_1PNPDE20110530_055154_000000403103_00063_48353_0822.N1	30-MAY-2011 05:51:54	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	48353	No
79	GOM_TRA_1PNPDE20110530_055335_000000443103_00063_48353_0823.N1	30-MAY-2011 05:53:35	Straylight	44.000	40	The Sco	1.8590	7100.0	88	48353	No
80	GOM_TRA_1PNPDE20110530_055522_000000463103_00063_48353_0824.N1	30-MAY-2011 05:55:22	Twilight	46.000	25	35Lam Sco	1.6200	28000.	92	48353	No
81	GOM_TRA_1PNPDE20110530_055710_000000483103_00063_48353_0825.N1	30-MAY-2011 05:57:10	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	48353	No
82	GOM_TRA_1PNPDE20110530_055913_000000443103_00063_48353_0826.N1	30-MAY-2011 05:59:13	Bright	44.000	136	23Tau Sco	2.8220	30000.	88	48353	No
83	GOM_TRA_1PNPDE20110530_060119_000000423103_00063_48353_0827.N1	30-MAY-2011 06:01:19	Bright	41.500	80	7Del Sco	2.3160	30000.	83	48353	No
84	GOM_TRA_1PNPDE20110530_060252_000000473103_00063_48353_0828.N1	30-MAY-2011 06:02:52	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48353	No
85	GOM_TRA_1PNPDE20110530_060445_000000423103_00063_48353_0829.N1	30-MAY-2011 06:04:45	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48353	No
86	GOM_TRA_1PNPDE20110530_060656_000000403103_00063_48353_0830.N1	30-MAY-2011 06:06:56	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48353	No
87	GOM_TRA_1PNPDE20110530_060957_000000373103_00063_48353_0831.N1	30-MAY-2011 06:09:57	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48353	No
88	GOM_TRA_1PNPDE20110530_061551_000000393103_00063_48353_0832.N1	30-MAY-2011 06:15:51	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48353	No
89	GOM_TRA_1PNPDE20110530_061836_000000453103_00063_48353_0833.N1	30-MAY-2011 06:18:36	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48353	No
90	GOM_TRA_1PNPDE20110530_062627_000000513103_00063_48353_0834.N1	30-MAY-2011 06:26:27	Bright	51.000	119	14Eta Dra	2.7270	4700.0	102	48353	No
91	GOM_TRA_1PNPDK20110530_063652_000000473103_00063_48353_5609.N1	30-MAY-2011 06:36:52	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48353	Yes
92	GOM_TRA_1PNPDK20110530_064145_000000383103_00063_48353_5610.N1	30-MAY-2011 06:41:45	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	48353	No
93	GOM_TRA_1PNPDK20110530_064925_000000413103_00063_48353_5611.N1	30-MAY-2011 06:49:25	Bright	40.500	53	43Bet And	2.0480	3300.0	81	48353	No
94	GOM_TRA_1PNPDK20110530_065203_000000533103_00063_48353_5612.N1	30-MAY-2011 06:52:03	Twilight	53.000	58	21Alp And	2.0730	11000.	106	48353	No
95	GOM_TRA_1PNPDK20110530_065655_000000523103_00063_48353_5613.N1	30-MAY-2011 06:56:55	Dark	51.500	140	88Gam Peg	2.8340	26000.	103	48353	No
96	GOM_TRA_1PNPDK20110530_070552_000000483103_00063_48353_5614.N1	30-MAY-2011 07:05:52	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48353	No
97	GOM_TRA_1PNPDK20110530_071421_000000693103_00063_48353_5615.N1	30-MAY-2011 07:14:21	Dark	68.500	18	24Alp PsA	1.1660	9700.0	137	48353	No
98	GOM_TRA_1PNPDK20110530_071747_000000623103_00064_48354_5616.N1	30-MAY-2011 07:17:47	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48354	No
99	GOM_TRA_1PNPDK20110530_071938_000000463103_00064_48354_5617.N1	30-MAY-2011 07:19:38	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48354	No
100	GOM_TRA_1PNPDK20110530_072439_000000423103_00064_48354_5618.N1	30-MAY-2011 07:24:39	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	48354	No
101	GOM_TRA_1PNPDK20110530_073209_000000413103_00064_48354_5619.N1	30-MAY-2011 07:32:09	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48354	No
102	GOM_TRA_1PNPDK20110530_073349_000000473103_00064_48354_5620.N1	30-MAY-2011 07:33:49	Straylight	47.000	40	The Sco	1.8590	7100.0	94	48354	No
103	GOM_TRA_1PNPDK20110530_073537_000000533103_00064_48354_5621.N1	30-MAY-2011 07:35:37	Twilight	52.500	25	35Lam Sco	1.6200	28000.	105	48354	No
104	GOM_TRA_1PNPDK20110530_073725_000000483103_00064_48354_5622.N1	30-MAY-2011 07:37:25	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	48354	No
105	GOM_TRA_1PNPDK20110530_073927_000000433103_00064_48354_5623.N1	30-MAY-2011 07:39:27	Bright	43.000	136	23Tau Sco	2.8220	30000.	86	48354	No
106	GOM_TRA_1PNPDK20110530_074133_000000423103_00064_48354_5624.N1	30-MAY-2011 07:41:33	Bright	41.500	80	7Del Sco	2.3160	30000.	83	48354	No
107	GOM_TRA_1PNPDK20110530_074306_000000463103_00064_48354_5625.N1	30-MAY-2011 07:43:06	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	48354	No
108	GOM_TRA_1PNPDK20110530_074459_000000433103_00064_48354_5672.N1	30-MAY-2011 07:44:59	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48354	No
109	GOM_TRA_1PNPDK20110530_074710_000000403103_00064_48354_5673.N1	30-MAY-2011 07:47:10	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48354	No
110	GOM_TRA_1PNPDK20110530_075011_000000383103_00064_48354_5674.N1	30-MAY-2011 07:50:11	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48354	No
111	GOM_TRA_1PNPDK20110530_075605_000000383103_00064_48354_5675.N1	30-MAY-2011 07:56:05	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	48354	No
112	GOM_TRA_1PNPDK20110530_075849_000000453103_00064_48354_5676.N1	30-MAY-2011 07:58:49	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48354	No
113	GOM_TRA_1PNPDK20110530_080641_000000473103_00064_48354_5677.N1	30-MAY-2011 08:06:41	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	48354	No
114	GOM_TRA_1PNPDK20110530_081705_000000463103_00064_48354_5678.N1	30-MAY-2011 08:17:05	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	48354	No
115	GOM_TRA_1PNPDK20110530_082159_000000553103_00064_48354_5679.N1	30-MAY-2011 08:21:59	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	48354	No
116	GOM_TRA_1PNPDK20110530_082939_000000423103_00064_48354_5680.N1	30-MAY-2011 08:29:39	Bright	41.500	53	43Bet And	2.0480	3300.0	83	48354	No
117	GOM_TRA_1PNPDK20110530_083218_000000533103_00064_48354_5681.N1	30-MAY-2011 08:32:18	Twilight	52.500	58	21Alp And	2.0730	11000.	105	48354	No
118	GOM_TRA_1PNPDK20110530_083709_000000523103_00064_48354_5682.N1	30-MAY-2011 08:37:09	Dark	52.000	140	88Gam Peg	2.8340	26000.	104	48354	No
119	GOM_TRA_1PNPDK20110530_084607_000000493103_00064_48354_5683.N1	30-MAY-2011 08:46:07	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	48354	No
120	GOM_TRA_1PNPDK20110530_085437_000000563103_00064_48354_5684.N1	30-MAY-2011 08:54:37	Dark	56.000	18	24Alp PsA	1.1660	9700.0	112	48354	No
121	GOM_TRA_1PNPDK20110530_085802_000000493103_00065_48355_5685.N1	30-MAY-2011 08:58:02	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	48355	No
122	GOM_TRA_1PNPDK20110530_085952_000000473103_00065_48355_5686.N1	30-MAY-2011 08:59:52	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48355	No
123	GOM_TRA_1PNPDK20110530_090454_000000433103_00065_48355_5687.N1	30-MAY-2011 09:04:54	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	48355	No
124	GOM_TRA_1PNPDK20110530_091223_000000413103_00065_48355_5688.N1	30-MAY-2011 09:12:23	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48355	No
125	GOM_TRA_1PNPDK20110530_091404_000000473103_00065_48355_5689.N1	30-MAY-2011 09:14:04	Straylight	46.500	40	The Sco	1.8590	7100.0	93	48355	No
126	GOM_TRA_1PNPDK20110530_091551_000000483103_00065_48355_5690.N1	30-MAY-2011 09:15:51	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	48355	No
127	GOM_TRA_1PNPDK20110530_091739_000000463103_00065_48355_5691.N1	30-MAY-2011 09:17:39	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	48355	No
128	GOM_TRA_1PNPDK20110530_091942_000000433103_00065_48355_5692.N1	30-MAY-2011 09:19:42	Bright	43.000	136	23Tau Sco	2.8220	30000.	86	48355	No
129	GOM_TRA_1PNPDK20110530_092147_000000413103_00065_48355_5693.N1	30-MAY-2011 09:21:47	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48355	No
130	GOM_TRA_1PNPDK20110530_092320_000000473103_00065_48355_5694.N1	30-MAY-2011 09:23:20	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48355	No

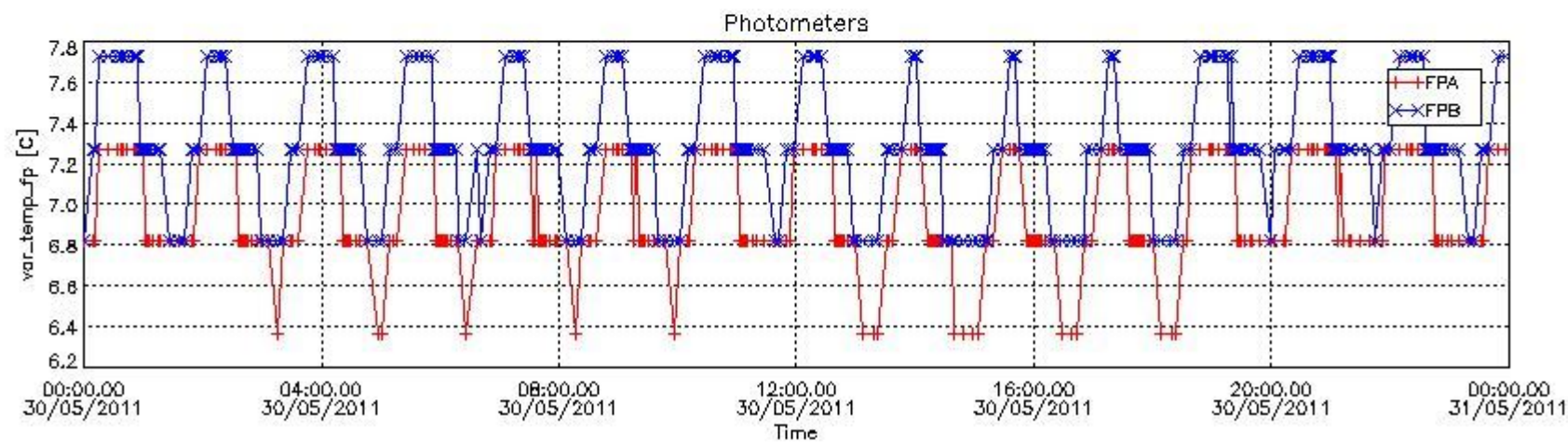
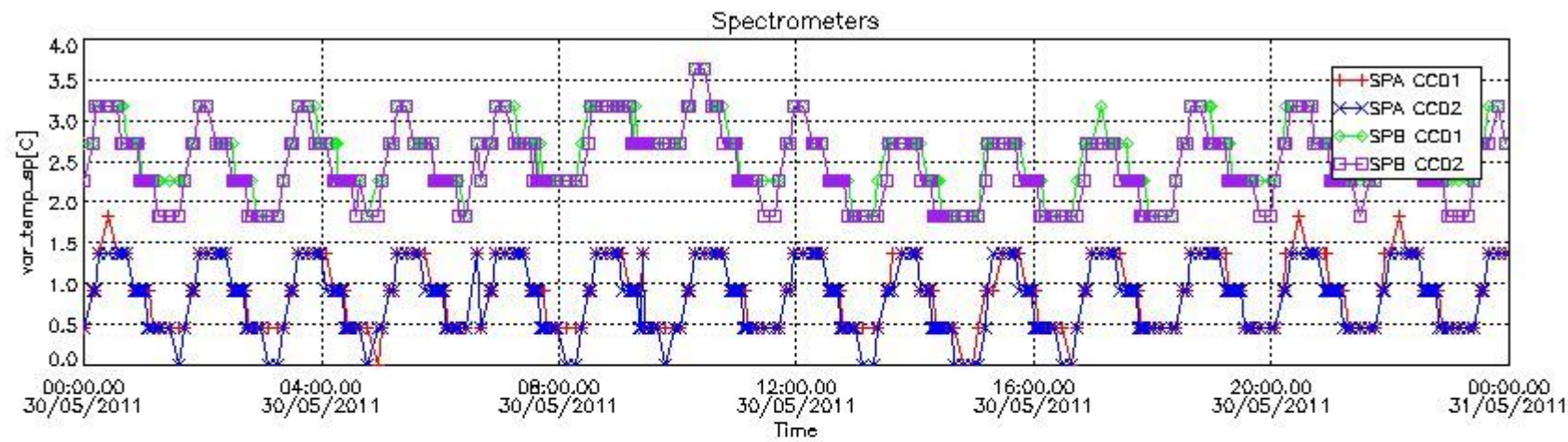
131	GOM_TRA_1PNPDK20110530_092513_000000433103_00065_48355_5742.N1	30-MAY-2011 09:25:13	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48355	Yes
132	GOM_TRA_1PNPDK20110530_092725_000000403103_00065_48355_5743.N1	30-MAY-2011 09:27:25	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48355	No
133	GOM_TRA_1PNPDK20110530_093025_000000383103_00065_48355_5744.N1	30-MAY-2011 09:30:25	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48355	No
134	GOM_TRA_1PNPDK20110530_093619_000000383103_00065_48355_5745.N1	30-MAY-2011 09:36:19	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	48355	No
135	GOM_TRA_1PNPDK20110530_093903_000000433103_00065_48355_5746.N1	30-MAY-2011 09:39:03	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	48355	No
136	GOM_TRA_1PNPDK20110530_094654_000000383103_00065_48355_5747.N1	30-MAY-2011 09:46:54	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	48355	No
137	GOM_TRA_1PNPDK20110530_095718_000000483103_00065_48355_5748.N1	30-MAY-2011 09:57:18	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48355	No
138	GOM_TRA_1PNPDK20110530_100213_000000363103_00065_48355_5749.N1	30-MAY-2011 10:02:13	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	48355	No
139	GOM_TRA_1PNPDK20110530_100953_000000443103_00065_48355_5750.N1	30-MAY-2011 10:09:53	Bright	43.500	53	43Bet And	2.0480	3300.0	87	48355	No
140	GOM_TRA_1PNPDK20110530_101232_000000543103_00065_48355_5751.N1	30-MAY-2011 10:12:32	Tw_i_and_stray	54.000	58	21Alp And	2.0730	11000.	108	48355	No
141	GOM_TRA_1PNPDK20110530_101723_000000523103_00065_48355_5752.N1	30-MAY-2011 10:17:23	Dark	51.500	140	88Gam Peg	2.8340	26000.	103	48355	No
142	GOM_TRA_1PNPDK20110530_102621_000000503103_00065_48355_5753.N1	30-MAY-2011 10:26:21	Dark	50.000	52	16Bet Cet	2.0370	4500.0	100	48355	No
143	GOM_TRA_1PNPDK20110530_103452_000000593103_00065_48355_5754.N1	30-MAY-2011 10:34:52	Dark	59.000	18	24Alp PsA	1.1660	9700.0	118	48355	No
144	GOM_TRA_1PNPDK20110530_103816_000000523103_00066_48356_5755.N1	30-MAY-2011 10:38:16	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	48356	No
145	GOM_TRA_1PNPDK20110530_104007_000000463103_00066_48356_5756.N1	30-MAY-2011 10:40:07	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48356	No
146	GOM_TRA_1PNPDK20110530_104508_000000443103_00066_48356_5757.N1	30-MAY-2011 10:45:08	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	48356	No
147	GOM_TRA_1PNPDK20110530_105237_000000413103_00066_48356_5758.N1	30-MAY-2011 10:52:37	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48356	No
148	GOM_TRA_1PNPDK20110530_105418_000000503103_00066_48356_5759.N1	30-MAY-2011 10:54:18	Straylight	50.000	40	The Sco	1.8590	7100.0	100	48356	No
149	GOM_TRA_1PNPDK20110530_105605_000000493103_00066_48356_5760.N1	30-MAY-2011 10:56:05	Tw_i_and_stray	49.000	25	35Lam Sco	1.6200	28000.	98	48356	No
150	GOM_TRA_1PNPDK20110530_105753_000000503103_00066_48356_5761.N1	30-MAY-2011 10:57:53	Tw_i_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	48356	No
151	GOM_TRA_1PNPDK20110530_105956_000000433103_00066_48356_5762.N1	30-MAY-2011 10:59:56	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	48356	No
152	GOM_TRA_1PNPDK20110530_110201_000000403103_00066_48356_5763.N1	30-MAY-2011 11:02:01	Bright	40.000	80	7Del Sco	2.3160	30000.	80	48356	No
153	GOM_TRA_1PNPDK20110530_110334_000000473103_00066_48356_5764.N1	30-MAY-2011 11:03:34	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48356	No
154	GOM_TRA_1PNPDK20110530_110527_000000423103_00066_48356_5813.N1	30-MAY-2011 11:05:27	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48356	No
155	GOM_TRA_1PNPDK20110530_110738_000000403103_00066_48356_5814.N1	30-MAY-2011 11:07:38	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48356	No
156	GOM_TRA_1PNPDK20110530_111039_000000383103_00066_48356_5815.N1	30-MAY-2011 11:10:39	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48356	No
157	GOM_TRA_1PNPDK20110530_111633_000000403103_00066_48356_5816.N1	30-MAY-2011 11:16:33	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48356	No
158	GOM_TRA_1PNPDK20110530_111916_000000653103_00066_48356_5817.N1	30-MAY-2011 11:19:16	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	48356	No
159	GOM_TRA_1PNPDK20110530_112708_000000403103_00066_48356_5818.N1	30-MAY-2011 11:27:08	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	48356	No
160	GOM_TRA_1PNPDK20110530_113732_000000463103_00066_48356_5819.N1	30-MAY-2011 11:37:32	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	48356	No
161	GOM_TRA_1PNPDK20110530_114226_000000543103_00066_48356_5820.N1	30-MAY-2011 11:42:26	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	48356	No
162	GOM_TRA_1PNPDK20110530_115007_000000423103_00066_48356_5821.N1	30-MAY-2011 11:50:07	Bright	41.500	53	43Bet And	2.0480	3300.0	83	48356	No
163	GOM_TRA_1PNPDK20110530_115246_000000553103_00066_48356_5822.N1	30-MAY-2011 11:52:46	Tw_i_and_stray	54.500	58	21Alp And	2.0730	11000.	109	48356	No
164	GOM_TRA_1PNPDK20110530_115738_000000533103_00066_48356_5823.N1	30-MAY-2011 11:57:38	Dark	52.500	140	88Gam Peg	2.8340	26000.	105	48356	No
165	GOM_TRA_1PNPDK20110530_120636_000000493103_00066_48356_5824.N1	30-MAY-2011 12:06:36	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	48356	No
166	GOM_TRA_1PNPDK20110530_121507_000000543103_00066_48356_5825.N1	30-MAY-2011 12:15:07	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	48356	No
167	GOM_TRA_1PNPDK20110530_121831_000000463103_00067_48357_5826.N1	30-MAY-2011 12:18:31	Dark	45.500	63	Bet Gru	2.1500	2800.0	91	48357	No
168	GOM_TRA_1PNPDK20110530_122022_000000543103_00067_48357_5827.N1	30-MAY-2011 12:20:22	Dark	53.500	31	Alp Gru	1.7340	15200.	107	48357	No
169	GOM_TRA_1PNPDK20110530_122523_000000423103_00067_48357_5828.N1	30-MAY-2011 12:25:23	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	48357	No
170	GOM_TRA_1PNPDK20110530_123252_000000433103_00067_48357_5829.N1	30-MAY-2011 12:32:52	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	48357	No
171	GOM_TRA_1PNPDK20110530_123432_000000483103_00067_48357_5830.N1	30-MAY-2011 12:34:32	Straylight	47.500	40	The Sco	1.8590	7100.0	95	48357	No
172	GOM_TRA_1PNPDK20110530_123620_000000513103_00067_48357_5831.N1	30-MAY-2011 12:36:20	Tw_i_and_stray	51.000	25	35Lam Sco	1.6200	28000.	102	48357	No
173	GOM_TRA_1PNPDK20110530_123808_000000473103_00067_48357_5832.N1	30-MAY-2011 12:38:08	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	48357	No
174	GOM_TRA_1PNPDK20110530_124010_000000433103_00067_48357_5833.N1	30-MAY-2011 12:40:10	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	48357	No
175	GOM_TRA_1PNPDK20110530_124215_000000403103_00067_48357_5834.N1	30-MAY-2011 12:42:15	Bright	40.000	80	7Del Sco	2.3160	30000.	80	48357	No
176	GOM_TRA_1PNPDK20110530_124348_000000473103_00067_48357_5868.N1	30-MAY-2011 12:43:48	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	48357	No
177	GOM_TRA_1PNPDK20110530_124541_000000403103_00067_48357_5869.N1	30-MAY-2011 12:45:41	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	48357	No
178	GOM_TRA_1PNPDK20110530_124752_000000403103_00067_48357_5870.N1	30-MAY-2011 12:47:52	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48357	No
179	GOM_TRA_1PNPDK20110530_125053_000000383103_00067_48357_5871.N1	30-MAY-2011 12:50:53	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48357	No
180	GOM_TRA_1PNPDK20110530_125647_000000373103_00067_48357_5872.N1	30-MAY-2011 12:56:47	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	48357	No
181	GOM_TRA_1PNPDK20110530_125929_000000433103_00067_48357_5873.N1	30-MAY-2011 12:59:29	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	48357	No
182	GOM_TRA_1PNPDK20110530_130722_000000363103_00067_48357_5874.N1	30-MAY-2011 13:07:22	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	48357	No
183	GOM_TRA_1PNPDK20110530_131746_000000693103_00067_48357_5875.N1	30-MAY-2011 13:17:46	Bright	69.000	89	5Alp Cep	2.4510	8000.0	138	48357	No
184	GOM_TRA_1PNPDK20110530_132240_000000443103_00067_48357_5876.N1	30-MAY-2011 13:22:40	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	48357	No
185	GOM_TRA_1PNPDK20110530_133021_000000433103_00067_48357_5877.N1	30-MAY-2011 13:30:21	Bright	43.000	53	43Bet And	2.0480	3300.0	86	48357	No
186	GOM_TRA_1PNPDK20110530_133300_000000523103_00067_48357_5878.N1	30-MAY-2011 13:33:00	Tw_i_and_stray	52.000	58	21Alp And	2.0730	11000.	104	48357	No
187	GOM_TRA_1PNPDK20110530_133752_000000493103_00067_48357_5879.N1	30-MAY-2011 13:37:52	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	48357	No
188	GOM_TRA_1PNPDK20110530_134650_000000473103_00067_48357_5880.N1	30-MAY-2011 13:46:50	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	48357	No
189	GOM_TRA_1PNPDK20110530_135522_000000693103_00067_48357_5881.N1	30-MAY-2011 13:55:22	Dark	68.500	18	24Alp PsA	1.1660	9700.0	137	48357	No

190	GOM_TRA_1PNPDK20110530_135846_000000463103_00068_48358_5882.N1	30-MAY-2011 13:58:46	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	48358	No
191	GOM_TRA_1PNPDK20110530_140037_000000473103_00068_48358_5883.N1	30-MAY-2011 14:00:37	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48358	No
192	GOM_TRA_1PNPDK20110530_140538_000000423103_00068_48358_5884.N1	30-MAY-2011 14:05:38	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	48358	No
193	GOM_TRA_1PNPDK20110530_141306_000000393103_00068_48358_5885.N1	30-MAY-2011 14:13:06	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	48358	No
194	GOM_TRA_1PNPDK20110530_141447_000000433103_00068_48358_5886.N1	30-MAY-2011 14:14:47	Straylight	42.500	40	The Sco	1.8590	7100.0	85	48358	No
195	GOM_TRA_1PNPDK20110530_141634_000000493103_00068_48358_5887.N1	30-MAY-2011 14:16:34	Twilight_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	48358	No
196	GOM_TRA_1PNPDK20110530_141822_000000483103_00068_48358_5888.N1	30-MAY-2011 14:18:22	Twilight_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	48358	No
197	GOM_TRA_1PNPDK20110530_142024_000000453103_00068_48358_5889.N1	30-MAY-2011 14:20:24	Bright	45.000	136	23Tau Sco	2.8220	30000.	90	48358	No
198	GOM_TRA_1PNPDK20110530_142229_000000393103_00068_48358_5935.N1	30-MAY-2011 14:22:29	Bright	39.000	80	7Del Sco	2.3160	30000.	78	48358	No
199	GOM_TRA_1PNPDK20110530_142402_000000473103_00068_48358_5936.N1	30-MAY-2011 14:24:02	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	48358	No
200	GOM_TRA_1PNPDK20110530_142555_000000433103_00068_48358_5937.N1	30-MAY-2011 14:25:55	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48358	No
201	GOM_TRA_1PNPDK20110530_142806_000000403103_00068_48358_5938.N1	30-MAY-2011 14:28:06	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48358	No
202	GOM_TRA_1PNPDK20110530_143107_000000383103_00068_48358_5939.N1	30-MAY-2011 14:31:07	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48358	No
203	GOM_TRA_1PNPDK20110530_143701_000000373103_00068_48358_5940.N1	30-MAY-2011 14:37:01	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48358	No
204	GOM_TRA_1PNPDK20110530_143943_000000453103_00068_48358_5941.N1	30-MAY-2011 14:39:43	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48358	No
205	GOM_TRA_1PNPDK20110530_144735_000000393103_00068_48358_5942.N1	30-MAY-2011 14:47:35	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	48358	No
206	GOM_TRA_1PNPDK20110530_145759_000000523103_00068_48358_5943.N1	30-MAY-2011 14:57:59	Bright	51.500	89	5Alp Cep	2.4510	8000.0	103	48358	No
207	GOM_TRA_1PNPDK20110530_150254_000000543103_00068_48358_5944.N1	30-MAY-2011 15:02:54	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	48358	No
208	GOM_TRA_1PNPDK20110530_151035_000000423103_00068_48358_5945.N1	30-MAY-2011 15:10:35	Bright	42.000	53	43Bet And	2.0480	3300.0	84	48358	No
209	GOM_TRA_1PNPDK20110530_151314_000000513103_00068_48358_5946.N1	30-MAY-2011 15:13:14	Twilight_and_stray	51.000	58	21Alp And	2.0730	11000.	102	48358	No
210	GOM_TRA_1PNPDK20110530_151807_000000523103_00068_48358_5947.N1	30-MAY-2011 15:18:07	Dark	52.000	140	88Gam Peg	2.8340	26000.	104	48358	No
211	GOM_TRA_1PNPDK20110530_152705_000000443103_00068_48358_5948.N1	30-MAY-2011 15:27:05	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	48358	No
212	GOM_TRA_1PNPDK20110530_153537_000000533103_00068_48358_5949.N1	30-MAY-2011 15:35:37	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	48358	No
213	GOM_TRA_1PNPDK20110530_153901_000000543103_00069_48359_5950.N1	30-MAY-2011 15:39:01	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	48359	No
214	GOM_TRA_1PNPDK20110530_154052_000000463103_00069_48359_5951.N1	30-MAY-2011 15:40:52	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48359	No
215	GOM_TRA_1PNPDK20110530_154552_000000443103_00069_48359_5952.N1	30-MAY-2011 15:45:52	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	48359	No
216	GOM_TRA_1PNPDK20110530_155320_000000403103_00069_48359_5953.N1	30-MAY-2011 15:53:20	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48359	No
217	GOM_TRA_1PNPDK20110530_155501_000000483103_00069_48359_5954.N1	30-MAY-2011 15:55:01	Straylight	47.500	40	The Sco	1.8590	7100.0	95	48359	No
218	GOM_TRA_1PNPDK20110530_155649_000000473103_00069_48359_5955.N1	30-MAY-2011 15:56:49	Twilight_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	48359	No
219	GOM_TRA_1PNPDK20110530_155836_000000483103_00069_48359_5956.N1	30-MAY-2011 15:58:36	Twilight_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	48359	No
220	GOM_TRA_1PNPDK20110530_160038_000000433103_00069_48359_5988.N1	30-MAY-2011 16:00:38	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	48359	No
221	GOM_TRA_1PNPDK20110530_160244_000000393103_00069_48359_5989.N1	30-MAY-2011 16:02:44	Bright	39.000	80	7Del Sco	2.3160	30000.	78	48359	No
222	GOM_TRA_1PNPDK20110530_160417_000000463103_00069_48359_5990.N1	30-MAY-2011 16:04:17	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	48359	No
223	GOM_TRA_1PNPDK20110530_160608_000000423103_00069_48359_5991.N1	30-MAY-2011 16:06:08	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48359	No
224	GOM_TRA_1PNPDK20110530_160820_000000403103_00069_48359_5992.N1	30-MAY-2011 16:08:20	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48359	No
225	GOM_TRA_1PNPDK20110530_161120_000000383103_00069_48359_5993.N1	30-MAY-2011 16:11:20	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48359	No
226	GOM_TRA_1PNPDK20110530_161714_000000553103_00069_48359_5994.N1	30-MAY-2011 16:17:14	Bright	55.000	67	5Alp CrB	2.2210	11000.	110	48359	No
227	GOM_TRA_1PNPDK20110530_161956_000000433103_00069_48359_5995.N1	30-MAY-2011 16:19:56	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	48359	No
228	GOM_TRA_1PNPDK20110530_162749_000000413103_00069_48359_5996.N1	30-MAY-2011 16:27:49	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	48359	No
229	GOM_TRA_1PNPDK20110530_163812_000000473103_00069_48359_5997.N1	30-MAY-2011 16:38:12	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48359	No
230	GOM_TRA_1PNPDK20110530_164308_000000443103_00069_48359_5998.N1	30-MAY-2011 16:43:08	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	48359	No
231	GOM_TRA_1PNPDK20110530_165049_000000413103_00069_48359_5999.N1	30-MAY-2011 16:50:49	Bright	41.000	53	43Bet And	2.0480	3300.0	82	48359	No
232	GOM_TRA_1PNPDK20110530_165328_000000553103_00069_48359_6000.N1	30-MAY-2011 16:53:28	Twilight_and_stray	55.000	58	21Alp And	2.0730	11000.	110	48359	No
233	GOM_TRA_1PNPDK20110530_165821_000000503103_00069_48359_6001.N1	30-MAY-2011 16:58:21	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48359	No
234	GOM_TRA_1PNPDK20110530_170719_000000483103_00069_48359_6002.N1	30-MAY-2011 17:07:19	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	48359	No
235	GOM_TRA_1PNPDK20110530_171553_000000633103_00069_48359_6003.N1	30-MAY-2011 17:15:53	Dark	63.000	18	24Alp PsA	1.1660	9700.0	126	48359	No
236	GOM_TRA_1PNPDK20110530_171916_000000533103_00070_48360_6004.N1	30-MAY-2011 17:19:16	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	48360	No
237	GOM_TRA_1PNPDK20110530_172107_000000473103_00070_48360_6005.N1	30-MAY-2011 17:21:07	Dark	47.000	31	Alp Gru	1.7340	15200.	94	48360	No
238	GOM_TRA_1PNPDK20110530_172607_000000423103_00070_48360_6006.N1	30-MAY-2011 17:26:07	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	48360	No
239	GOM_TRA_1PNPDK20110530_173335_000000413103_00070_48360_6007.N1	30-MAY-2011 17:33:35	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48360	No
240	GOM_TRA_1PNPDK20110530_173516_000000483103_00070_48360_6008.N1	30-MAY-2011 17:35:16	Straylight	48.000	40	The Sco	1.8590	7100.0	96	48360	No
241	GOM_TRA_1PNPDK20110530_173703_000000493103_00070_48360_6055.N1	30-MAY-2011 17:37:03	Twilight_and_stray	49.000	25	35Lam Sco	1.6200	28000.	98	48360	No
242	GOM_TRA_1PNPDK20110530_173850_000000463103_00070_48360_6056.N1	30-MAY-2011 17:38:50	Twilight_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	48360	No
243	GOM_TRA_1PNPDK20110530_174053_000000423103_00070_48360_6057.N1	30-MAY-2011 17:40:53	Bright	42.000	136	23Tau Sco	2.8220	30000.	84	48360	No
244	GOM_TRA_1PNPDK20110530_174258_000000413103_00070_48360_6058.N1	30-MAY-2011 17:42:58	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48360	No
245	GOM_TRA_1PNPDK20110530_174431_000000463103_00070_48360_6059.N1	30-MAY-2011 17:44:31	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	48360	No
246	GOM_TRA_1PNPDK20110530_174623_000000433103_00070_48360_6060.N1	30-MAY-2011 17:46:23	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48360	No
247	GOM_TRA_1PNPDK20110530_174834_000000403103_00070_48360_6061.N1	30-MAY-2011 17:48:34	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	48360	No
248	GOM_TRA_1PNPDK20110530_175135_000000383103_00070_48360_6062.N1	30-MAY-2011 17:51:35	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48360	No

249	GOM_TRA_1PNPDK20110530_175728_000000403103_00070_48360_6063.N1	30-MAY-2011 17:57:28	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48360	No
250	GOM_TRA_1PNPDK20110530_180010_000000463103_00070_48360_6064.N1	30-MAY-2011 18:00:10	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48360	No
251	GOM_TRA_1PNPDK20110530_180803_000000383103_00070_48360_6065.N1	30-MAY-2011 18:08:03	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	48360	No
252	GOM_TRA_1PNPDK20110530_181826_000000473103_00070_48360_6066.N1	30-MAY-2011 18:18:26	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48360	No
253	GOM_TRA_1PNPDK20110530_182322_000000373103_00070_48360_6067.N1	30-MAY-2011 18:23:22	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	48360	No
254	GOM_TRA_1PNPDK20110530_183103_000000433103_00070_48360_6068.N1	30-MAY-2011 18:31:03	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48360	No
255	GOM_TRA_1PNPDK20110530_183343_000000553103_00070_48360_6069.N1	30-MAY-2011 18:33:43	Twilight	55.000	58	21Alp And	2.0730	11000.	110	48360	No
256	GOM_TRA_1PNPDK20110530_183836_000000503103_00070_48360_6070.N1	30-MAY-2011 18:38:36	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	48360	No
257	GOM_TRA_1PNPDK20110530_184734_000000483103_00070_48360_6071.N1	30-MAY-2011 18:47:34	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	48360	No
258	GOM_TRA_1PNPDK20110530_185608_000000553103_00070_48360_6072.N1	30-MAY-2011 18:56:08	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	48360	No
259	GOM_TRA_1PNPDK20110530_185931_000000623103_00071_48361_6073.N1	30-MAY-2011 18:59:31	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48361	No
260	GOM_TRA_1PNPDK20110530_190122_000000463103_00071_48361_6074.N1	30-MAY-2011 19:01:22	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48361	No
261	GOM_TRA_1PNPDK20110530_190622_000000453103_00071_48361_6075.N1	30-MAY-2011 19:06:22	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	48361	No
262	GOM_TRA_1PNPDK20110530_191349_000000403103_00071_48361_6076.N1	30-MAY-2011 19:13:49	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48361	No
263	GOM_TRA_1PNPDK20110530_191530_000000513103_00071_48361_6117.N1	30-MAY-2011 19:15:30	Straylight	50.500	40	The Sco	1.8590	7100.0	101	48361	No
264	GOM_TRA_1PNPDK20110530_191717_000000493103_00071_48361_6118.N1	30-MAY-2011 19:17:17	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	48361	No
265	GOM_TRA_1PNPDK20110530_191905_000000533103_00071_48361_6119.N1	30-MAY-2011 19:19:05	Twilight	53.000	75	26Eps Sco	2.2910	4250.0	106	48361	No
266	GOM_TRA_1PNPDK20110530_192107_000000433103_00071_48361_6120.N1	30-MAY-2011 19:21:07	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	48361	No
267	GOM_TRA_1PNPDK20110530_192312_000000413103_00071_48361_6121.N1	30-MAY-2011 19:23:12	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48361	No
268	GOM_TRA_1PNPDK20110530_192445_000000473103_00071_48361_6122.N1	30-MAY-2011 19:24:45	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	48361	No
269	GOM_TRA_1PNPDK20110530_192637_000000433103_00071_48361_6123.N1	30-MAY-2011 19:26:37	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48361	No
270	GOM_TRA_1PNPDK20110530_192848_000000403103_00071_48361_6124.N1	30-MAY-2011 19:28:48	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48361	No
271	GOM_TRA_1PNPDK20110530_193149_000000553103_00071_48361_6125.N1	30-MAY-2011 19:31:49	Bright	55.000	102	24Alp Ser	2.6000	4250.0	110	48361	No
272	GOM_TRA_1PNPDK20110530_193742_000000403103_00071_48361_6126.N1	30-MAY-2011 19:37:42	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	48361	No
273	GOM_TRA_1PNPDK20110530_194023_000000423103_00071_48361_6127.N1	30-MAY-2011 19:40:23	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	48361	No
274	GOM_TRA_1PNPDK20110530_194817_000000403103_00071_48361_6128.N1	30-MAY-2011 19:48:17	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48361	No
275	GOM_TRA_1PNPDK20110530_195839_000000473103_00071_48361_6129.N1	30-MAY-2011 19:58:39	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48361	No
276	GOM_TRA_1PNPDK20110530_200336_000000363103_00071_48361_6130.N1	30-MAY-2011 20:03:36	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	48361	No
277	GOM_TRA_1PNPDK20110530_201118_000000453103_00071_48361_6131.N1	30-MAY-2011 20:11:18	Bright	44.500	53	43Bet And	2.0480	3300.0	89	48361	No
278	GOM_TRA_1PNPDK20110530_201357_000000523103_00071_48361_6132.N1	30-MAY-2011 20:13:57	Twilight	51.500	58	21Alp And	2.0730	11000.	103	48361	No
279	GOM_TRA_1PNPDK20110530_201850_000000523103_00071_48361_6133.N1	30-MAY-2011 20:18:50	Dark	51.500	140	88Gam Peg	2.8340	26000.	103	48361	No
280	GOM_TRA_1PNPDK20110530_202748_000000503103_00071_48361_6134.N1	30-MAY-2011 20:27:48	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	48361	No
281	GOM_TRA_1PNPDK20110530_203623_000000663103_00071_48361_6135.N1	30-MAY-2011 20:36:23	Dark	66.000	18	24Alp PsA	1.1660	9700.0	132	48361	No
282	GOM_TRA_1PNPDK20110530_203945_000000623103_00072_48362_6136.N1	30-MAY-2011 20:39:45	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48362	No
283	GOM_TRA_1PNPDK20110530_204137_000000473103_00072_48362_6137.N1	30-MAY-2011 20:41:37	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48362	No
284	GOM_TRA_1PNPDK20110530_204636_000000433103_00072_48362_6138.N1	30-MAY-2011 20:46:36	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	48362	No
285	GOM_TRA_1PNPDK20110530_205404_000000423103_00072_48362_6139.N1	30-MAY-2011 20:54:04	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	48362	No
286	GOM_TRA_1PNPDK20110530_205544_000000323103_00072_48362_6140.N1	30-MAY-2011 20:55:44	Straylight	31.500	40	The Sco	1.8590	7100.0	63	48362	No
287	GOM_TRA_1PNPDE20110530_205732_000000483103_00072_48362_0966.N1	30-MAY-2011 20:57:32	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	48362	No
288	GOM_TRA_1PNPDE20110530_205919_000000463103_00072_48362_0967.N1	30-MAY-2011 20:59:19	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	48362	No
289	GOM_TRA_1PNPDE20110530_210121_000000423103_00072_48362_0968.N1	30-MAY-2011 21:01:21	Bright	42.000	136	23Tau Sco	2.8220	30000.	84	48362	No
290	GOM_TRA_1PNPDE20110530_210326_000000413103_00072_48362_0969.N1	30-MAY-2011 21:03:26	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48362	No
291	GOM_TRA_1PNPDE20110530_210459_000000473103_00072_48362_0970.N1	30-MAY-2011 21:04:59	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	48362	No
292	GOM_TRA_1PNPDE20110530_210651_000000433103_00072_48362_0971.N1	30-MAY-2011 21:06:51	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48362	No
293	GOM_TRA_1PNPDE20110530_210902_000000413103_00072_48362_0972.N1	30-MAY-2011 21:09:02	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48362	No
294	GOM_TRA_1PNPDE20110530_211202_000000383103_00072_48362_1099.N1	30-MAY-2011 21:12:02	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	48362	No
295	GOM_TRA_1PNPDE20110530_211756_000000373103_00072_48362_1100.N1	30-MAY-2011 21:17:56	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48362	No
296	GOM_TRA_1PNPDE20110530_212037_000000453103_00072_48362_1101.N1	30-MAY-2011 21:20:37	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48362	No
297	GOM_TRA_1PNPDE20110530_212830_000000413103_00072_48362_1102.N1	30-MAY-2011 21:28:30	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	48362	No
298	GOM_TRA_1PNPDE20110530_213853_000000443103_00072_48362_1103.N1	30-MAY-2011 21:38:53	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	48362	No
299	GOM_TRA_1PNPDE20110530_214350_000000563103_00072_48362_1104.N1	30-MAY-2011 21:43:50	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48362	No
300	GOM_TRA_1PNPDE20110530_215131_000000423103_00072_48362_1105.N1	30-MAY-2011 21:51:31	Bright	42.000	53	43Bet And	2.0480	3300.0	84	48362	No
301	GOM_TRA_1PNPDE20110530_215411_000000533103_00072_48362_1106.N1	30-MAY-2011 21:54:11	Twilight	52.500	58	21Alp And	2.0730	11000.	105	48362	No
302	GOM_TRA_1PNPDE20110530_215904_000000533103_00072_48362_1107.N1	30-MAY-2011 21:59:04	Dark	52.500	140	88Gam Peg	2.8340	26000.	105	48362	No
303	GOM_TRA_1PNPDE20110530_220803_000000473103_00072_48362_1026.N1	30-MAY-2011 22:08:03	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48362	No
304	GOM_TRA_1PNPDE20110530_221638_000000573103_00072_48362_1027.N1	30-MAY-2011 22:16:38	Dark	57.000	18	24Alp PsA	1.1660	9700.0	114	48362	No
305	GOM_TRA_1PNPDE20110530_222000_000000563103_00073_48363_1028.N1	30-MAY-2011 22:20:00	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	48363	No
306	GOM_TRA_1PNPDE20110530_222151_000000463103_00073_48363_1029.N1	30-MAY-2011 22:21:51	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48363	No
307	GOM_TRA_1PNPDE20110530_222651_000000473103_00073_48363_1030.N1	30-MAY-2011 22:26:51	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	48363	No

308	GOM_TRA_1PNPDE20110530_223418_000000413103_00073_48363_1031.N1	30-MAY-2011 22:34:18	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48363	No
309	GOM_TRA_1PNPDE20110530_223559_000000483103_00073_48363_1032.N1	30-MAY-2011 22:35:59	Straylight	48.000	40	The Sco	1.8590	7100.0	96	48363	No
310	GOM_TRA_1PNPDE20110530_223746_000000503103_00073_48363_1033.N1	30-MAY-2011 22:37:46	Twilight_and_stray	50.000	25	35Lam Sco	1.6200	28000.	100	48363	No
311	GOM_TRA_1PNPDE20110530_223933_000000483103_00073_48363_1034.N1	30-MAY-2011 22:39:33	Twilight_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	48363	No
312	GOM_TRA_1PNPDE20110530_224135_000000423103_00073_48363_1035.N1	30-MAY-2011 22:41:35	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	48363	No
313	GOM_TRA_1PNPDE20110530_224340_000000413103_00073_48363_1036.N1	30-MAY-2011 22:43:40	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48363	No
314	GOM_TRA_1PNPDE20110530_224513_000000473103_00073_48363_1037.N1	30-MAY-2011 22:45:13	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48363	No
315	GOM_TRA_1PNPDE20110530_224705_000000423103_00073_48363_1038.N1	30-MAY-2011 22:47:05	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48363	No
316	GOM_TRA_1PNPDE20110530_224916_000000413103_00073_48363_1039.N1	30-MAY-2011 22:49:16	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	48363	No
317	GOM_TRA_1PNPDE20110530_225216_000000373103_00073_48363_1040.N1	30-MAY-2011 22:52:16	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48363	No
318	GOM_TRA_1PNPDE20110530_225810_000000393103_00073_48363_1041.N1	30-MAY-2011 22:58:10	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	48363	No
319	GOM_TRA_1PNPDE20110530_230050_000000463103_00073_48363_1042.N1	30-MAY-2011 23:00:50	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48363	No
320	GOM_TRA_1PNPDE20110530_230844_000000403103_00073_48363_1043.N1	30-MAY-2011 23:08:44	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48363	No
321	GOM_TRA_1PNPDE20110530_231906_000000483103_00073_48363_1044.N1	30-MAY-2011 23:19:06	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	48363	No
322	GOM_TRA_1PNPDE20110530_232403_000000453103_00073_48363_1045.N1	30-MAY-2011 23:24:03	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	48363	No
323	GOM_TRA_1PNPDE20110530_233146_000000433103_00073_48363_1046.N1	30-MAY-2011 23:31:46	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48363	No
324	GOM_TRA_1PNPDE20110530_233425_000000543103_00073_48363_1047.N1	30-MAY-2011 23:34:25	Twilight_and_stray	54.000	58	21Alp And	2.0730	11000.	108	48363	No
325	GOM_TRA_1PNPDE20110530_233919_000000503103_00073_48363_1048.N1	30-MAY-2011 23:39:19	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	48363	No
326	GOM_TRA_1PNPDE20110530_234818_000000463103_00073_48363_1123.N1	30-MAY-2011 23:48:18	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	48363	No
327	GOM_TRA_1PNPDE20110530_235653_000000613103_00073_48363_1124.N1	30-MAY-2011 23:56:53	Dark	60.500	18	24Alp PsA	1.1660	9700.0	121	48363	No

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



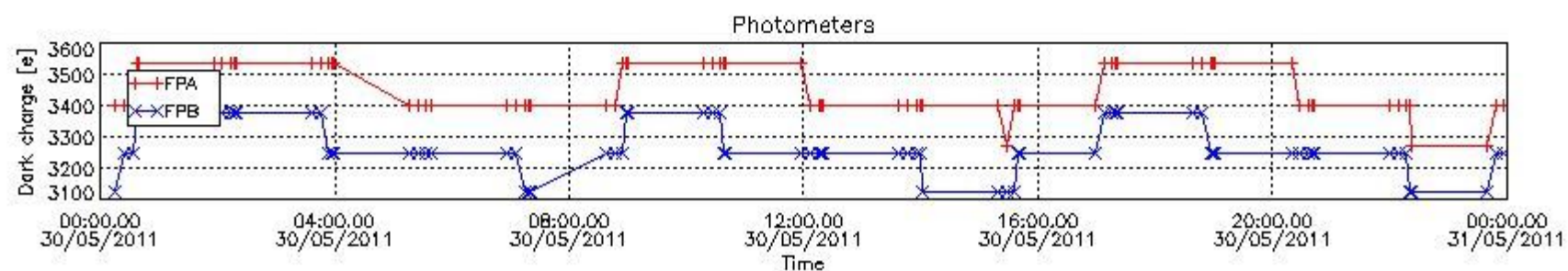
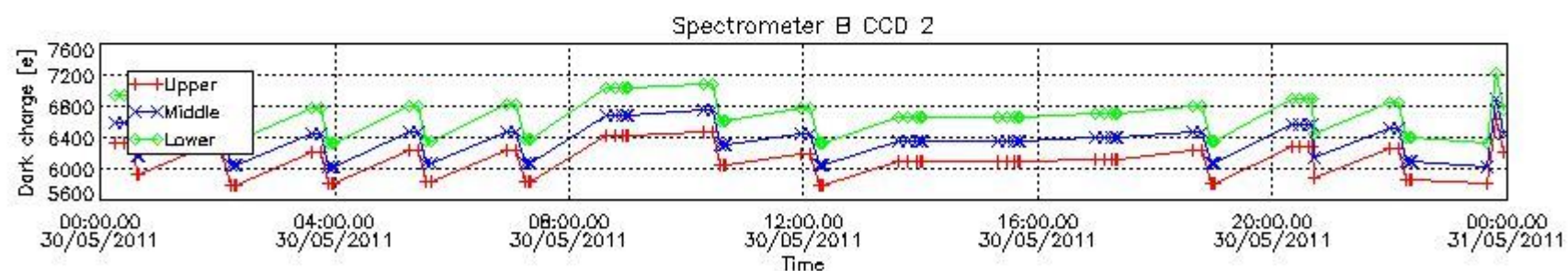
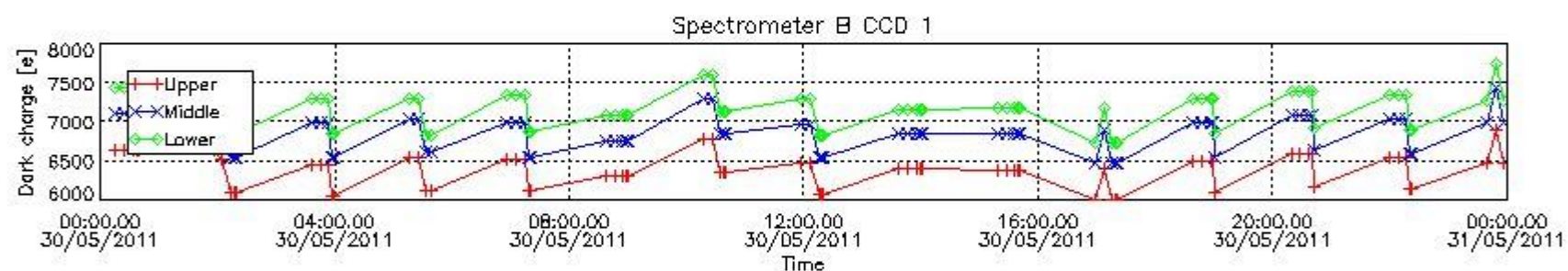
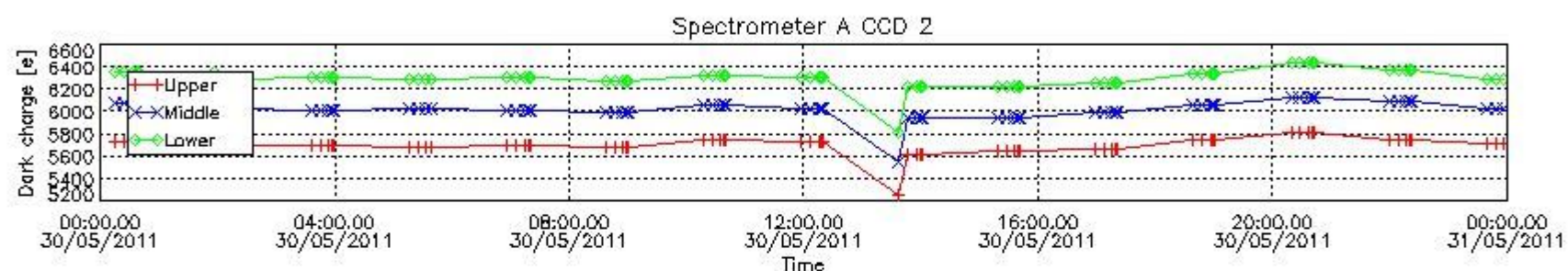
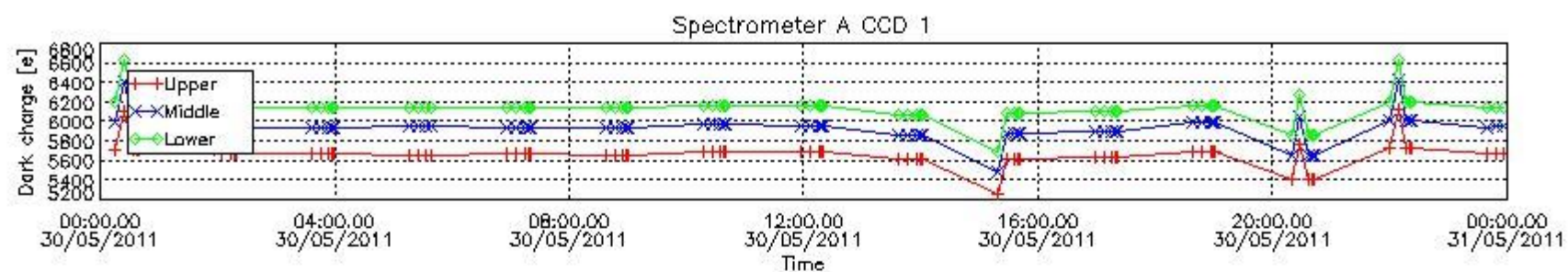
4. Overview of dark signal processing per product

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 All products used the DSA observation for the DC computation

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



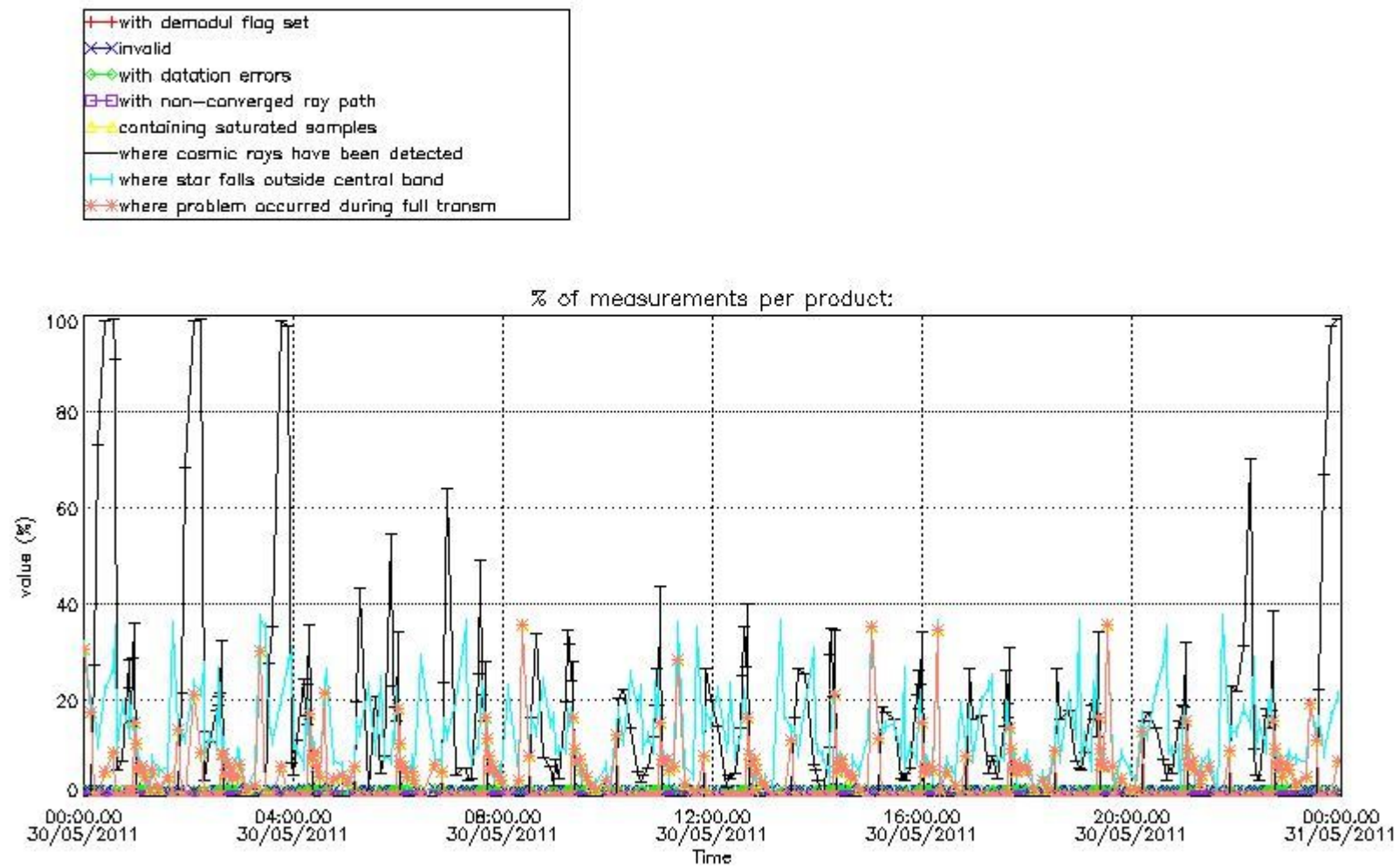
5. Demodulation flag and quality information monitoring

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.

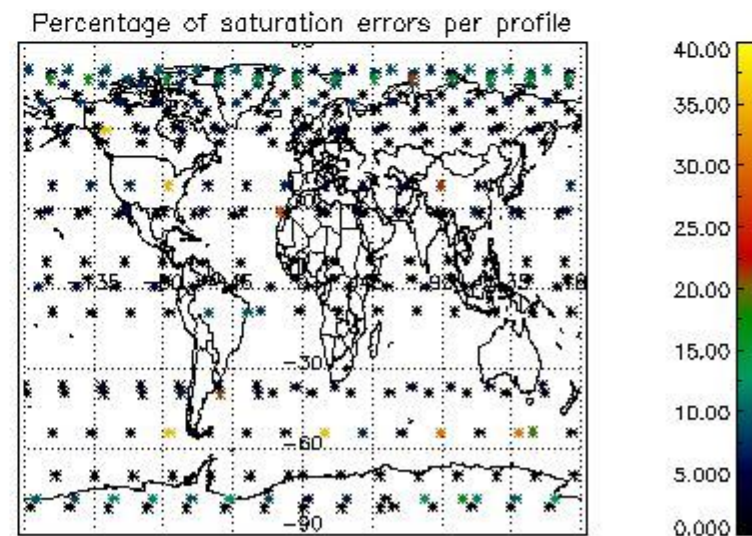
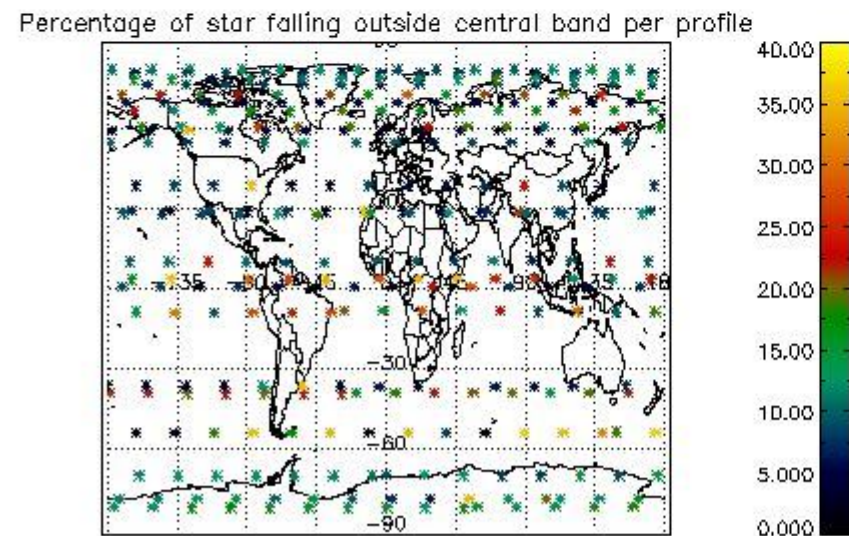
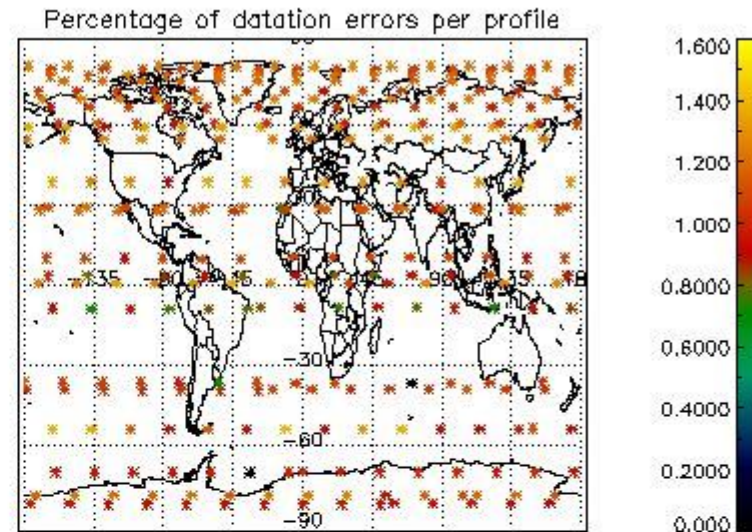
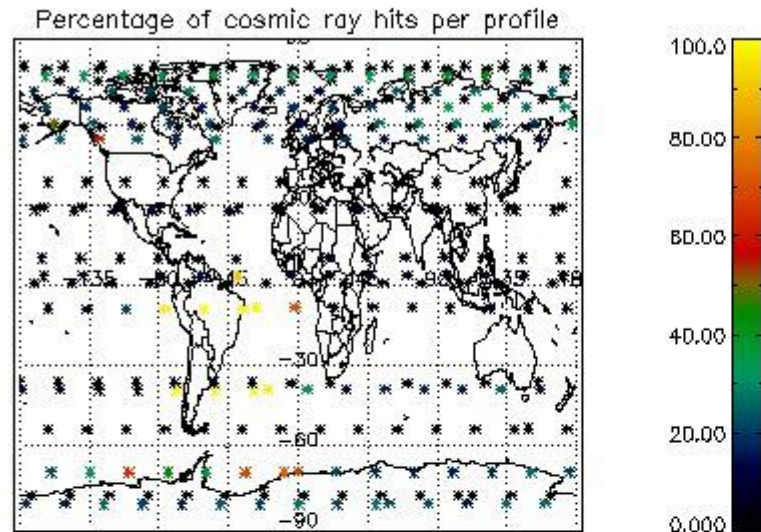
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	47.6923 %
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)



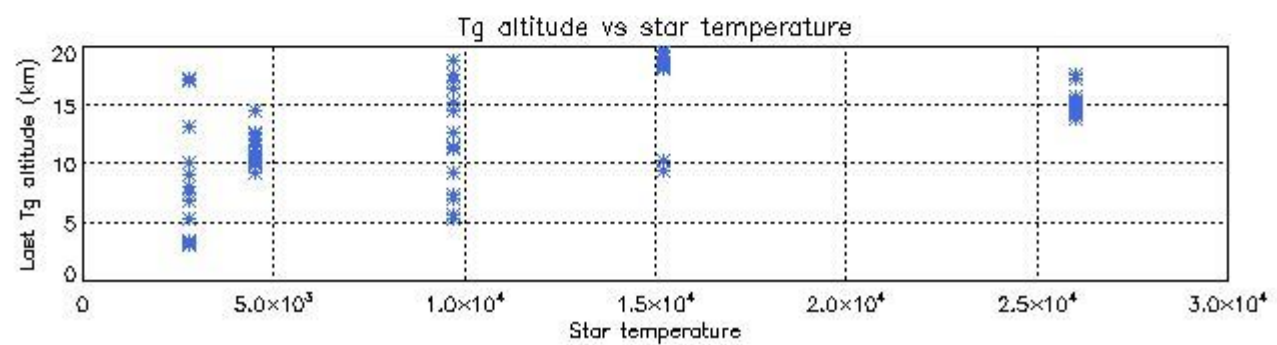
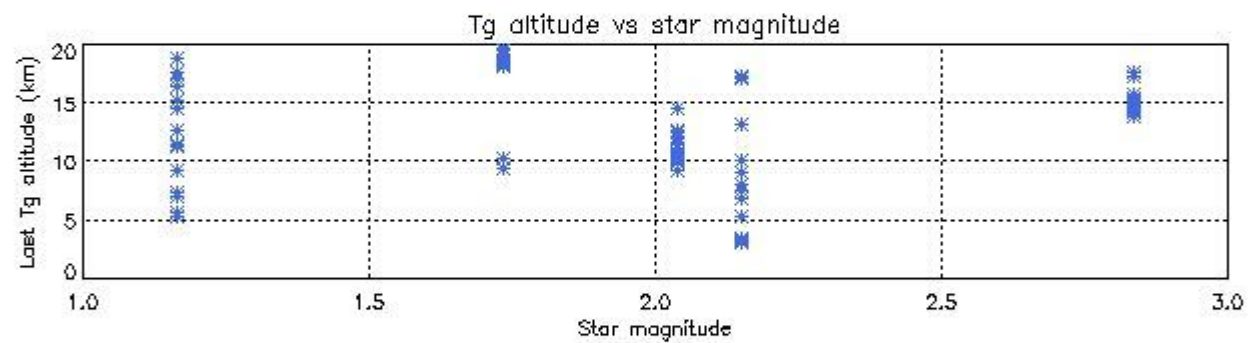
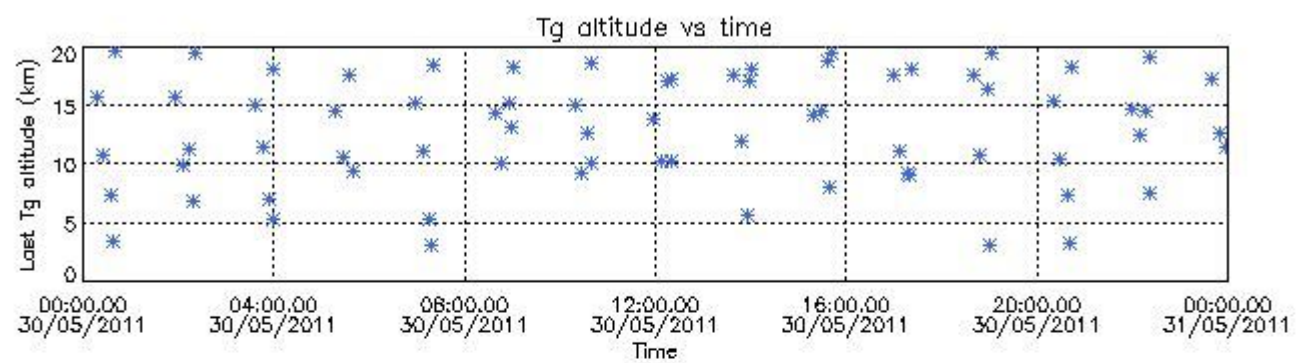
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	12.919	18.333	NaN
St. deviation:	4.6624	5.1343	NaN
Maximum:	19.660	28.197	NaN
Minimum:	2.9991	3.2832	NaN
Number of data:	72.000	168.00	NaN

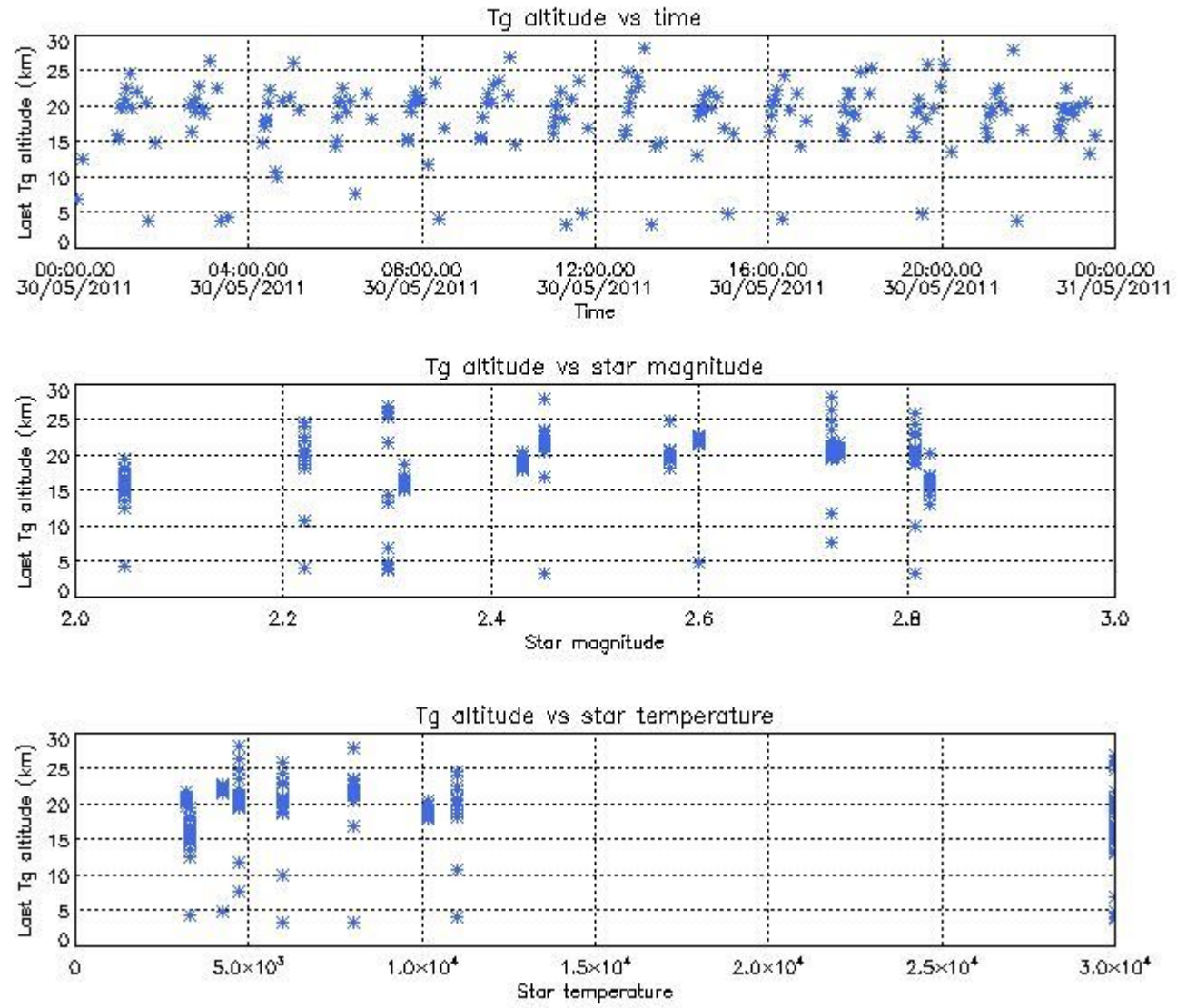
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

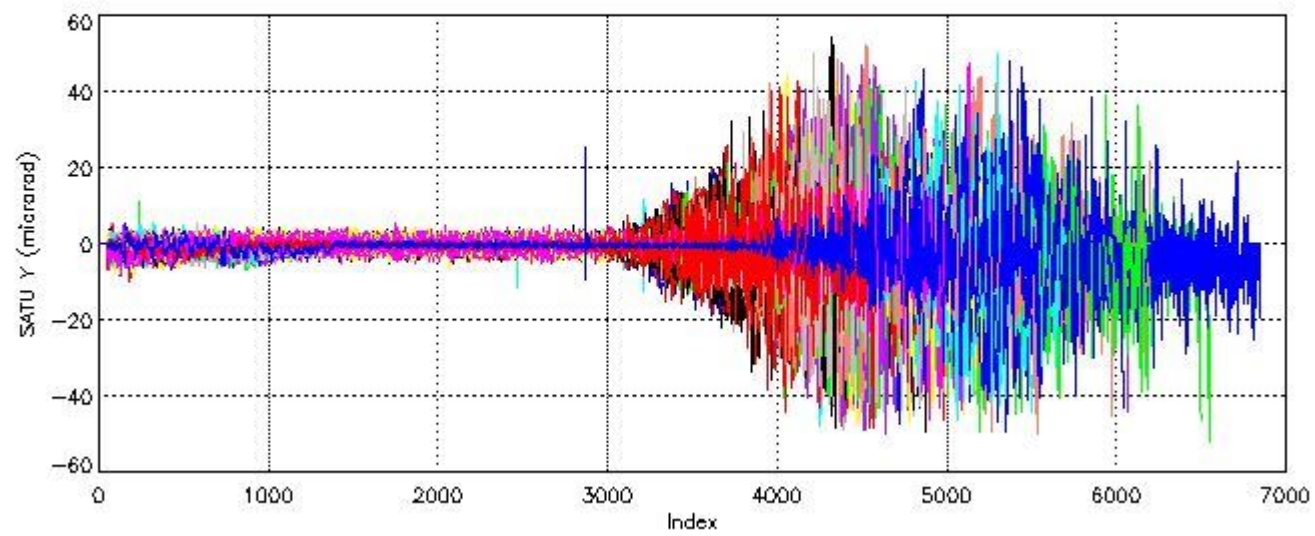
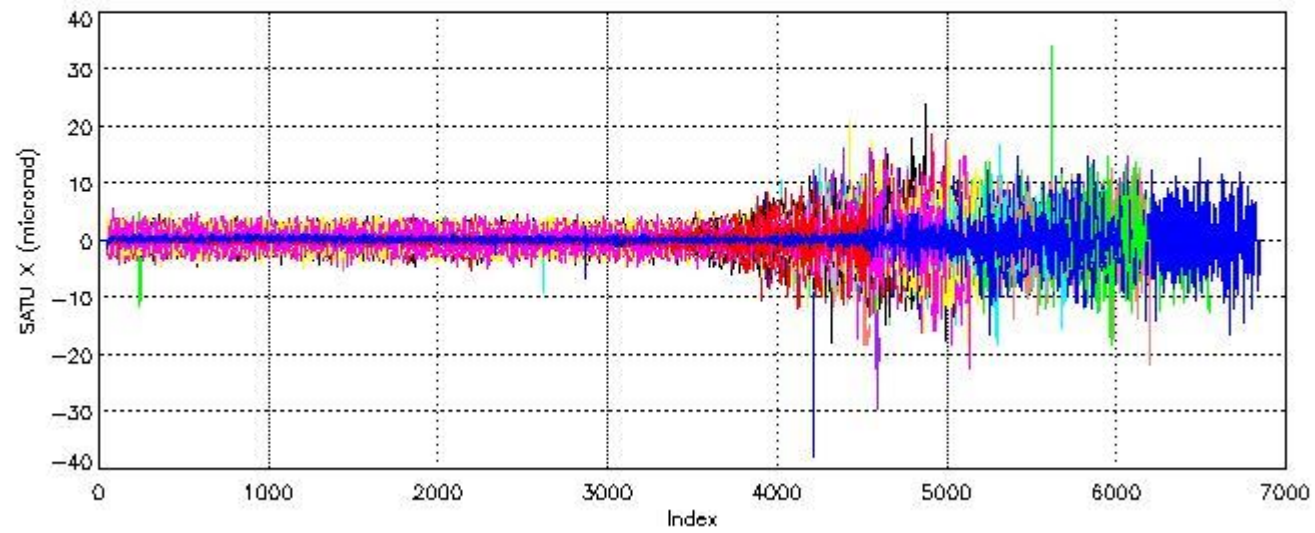


7. Star Acquisition and Tracking Unit (SATU)

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:	0.26487	-1.1195	0.23925	-1.3041
St. deviation:	0.52672	1.4847	0.76789	1.5378
Maximum:	5.5000	11.100	5.3000	7.1000
Minimum:	-11.600	-10.000	-5.1000	-8.8000

Number of data:	78150.	78150.	1.6185E+05	1.6185E+05
90Percentile:	0.90000	0.70000	1.3000	0.50000

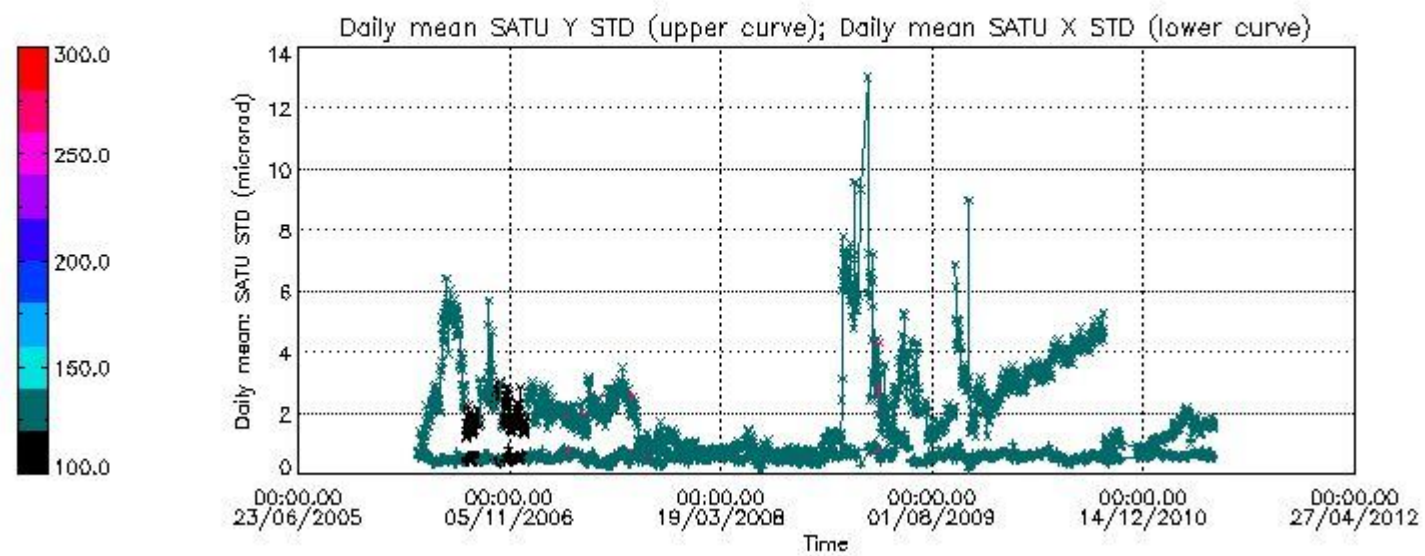
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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.

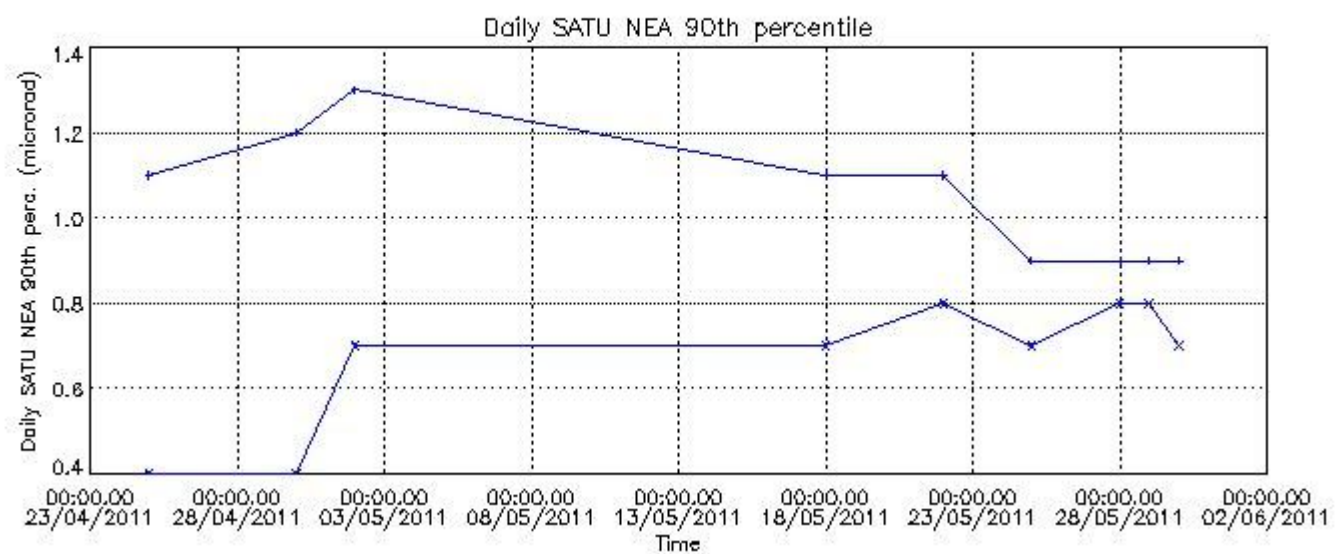
Upper curve: STD of SATU Y axis

Lower curve: STD of SATU X axis



Lower curve: 90th percentile of SATU Y axis

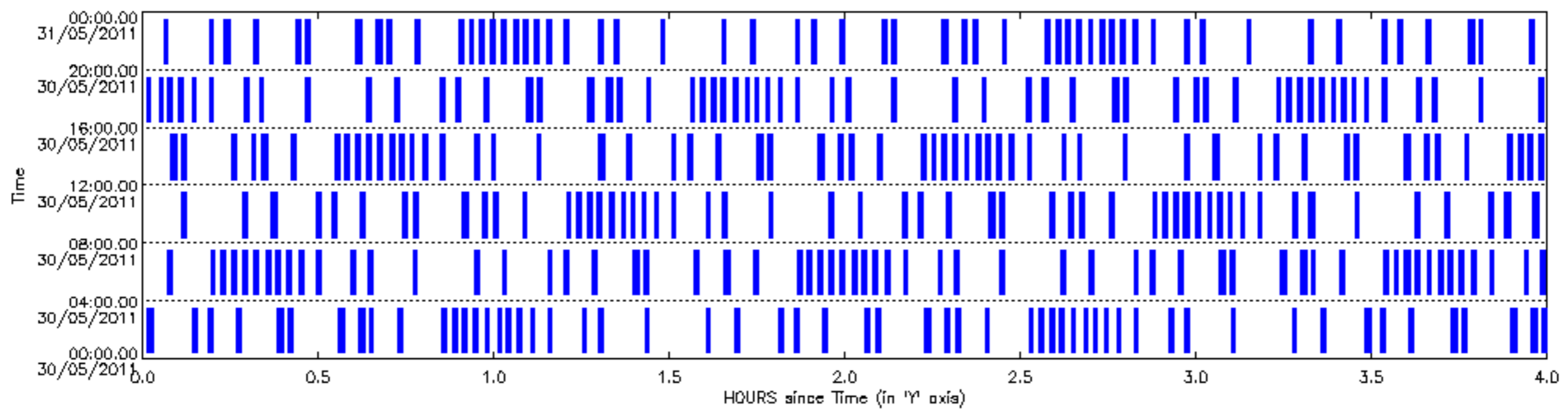
Upper curve: 90th percentile of SATU X axis

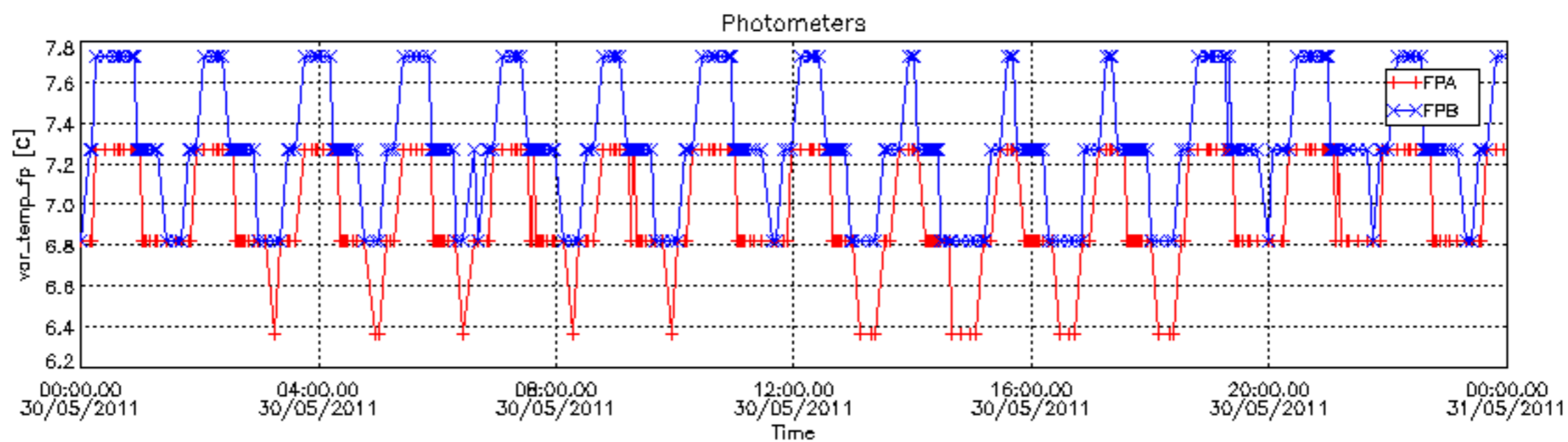
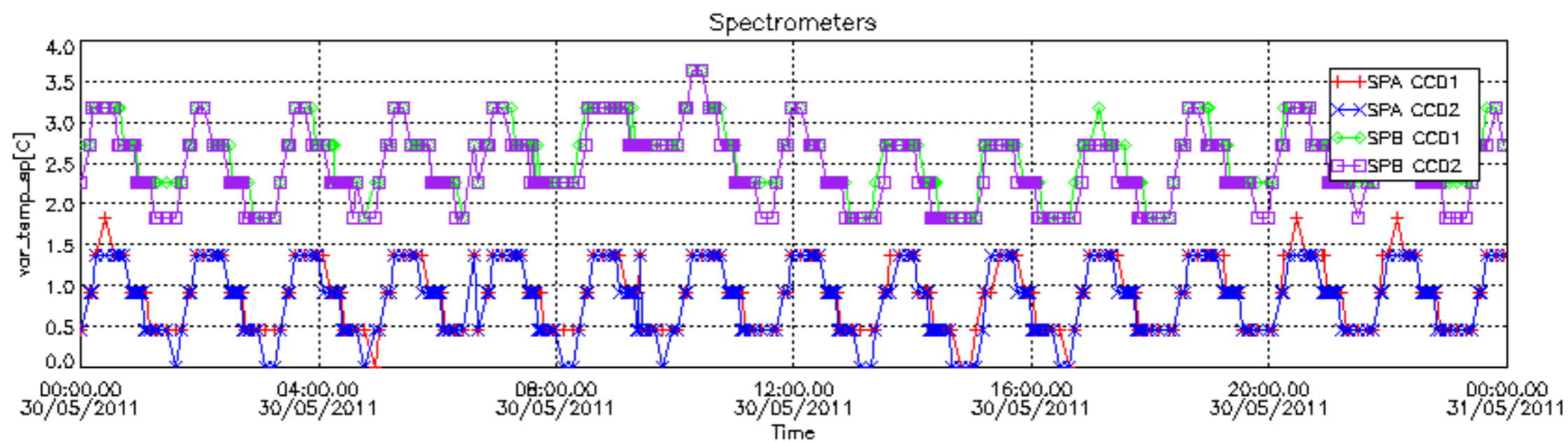


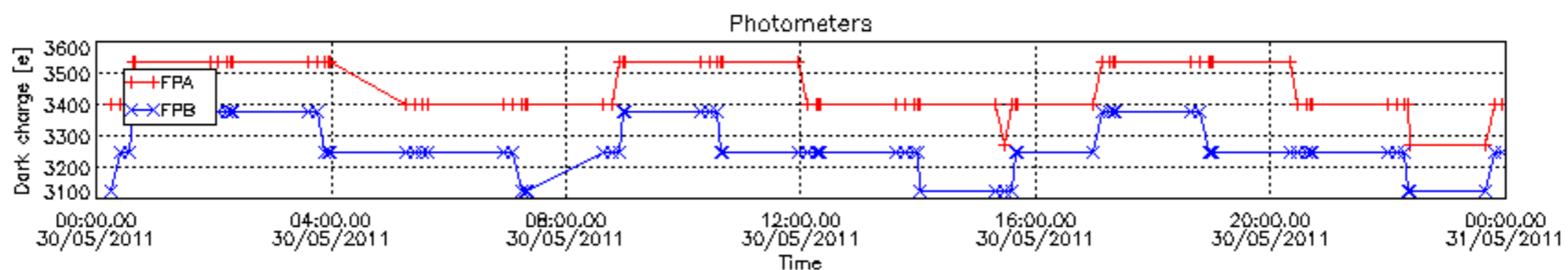
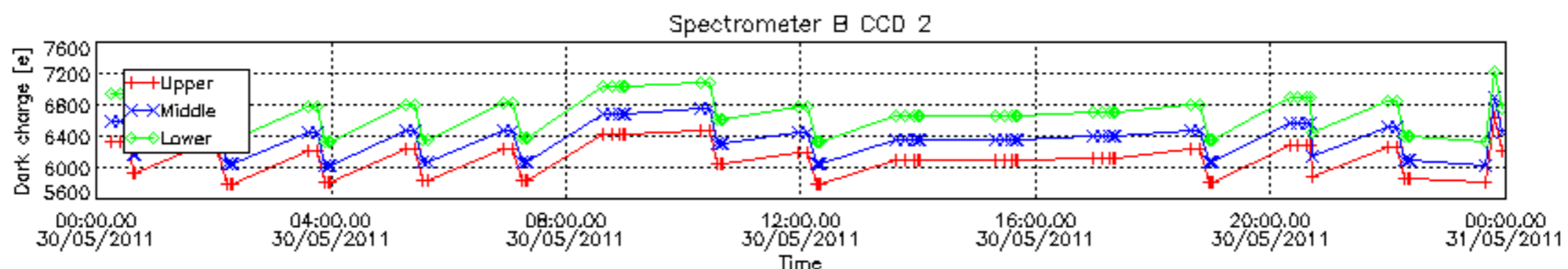
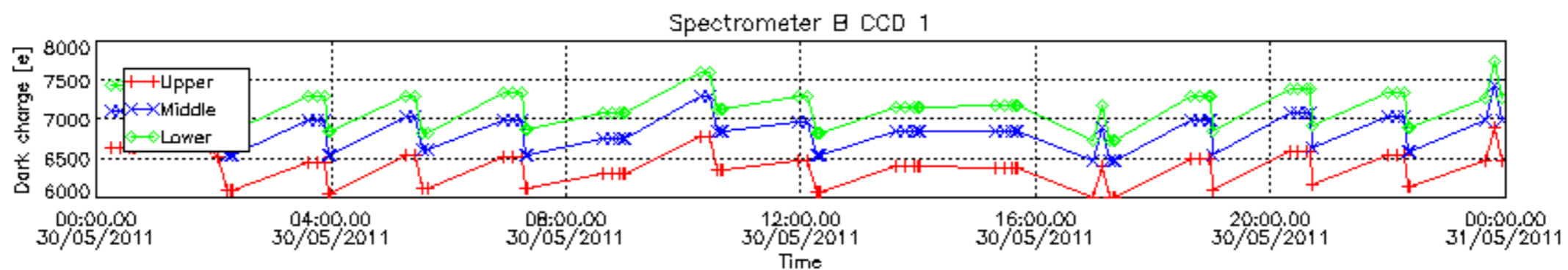
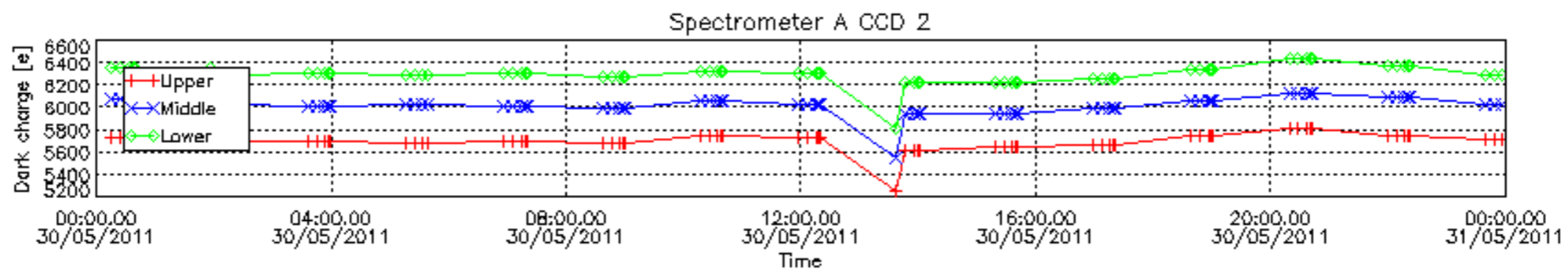
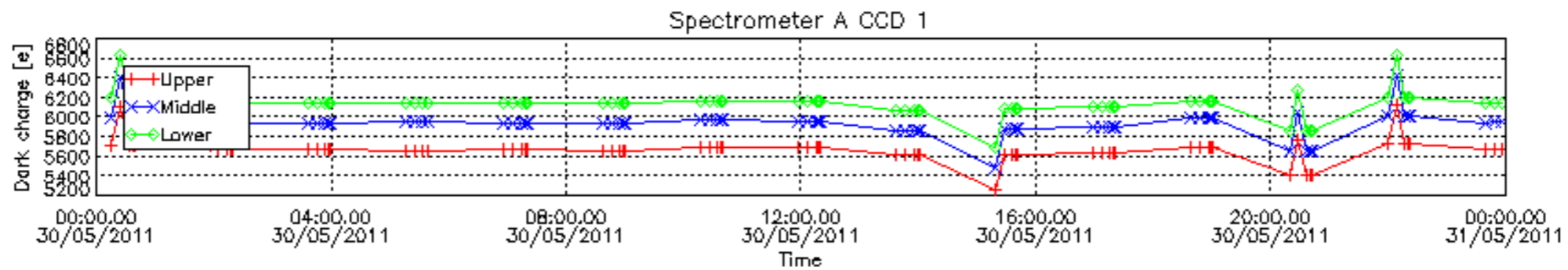
8. Auxiliary Data Files used for the production reported in section 2.4

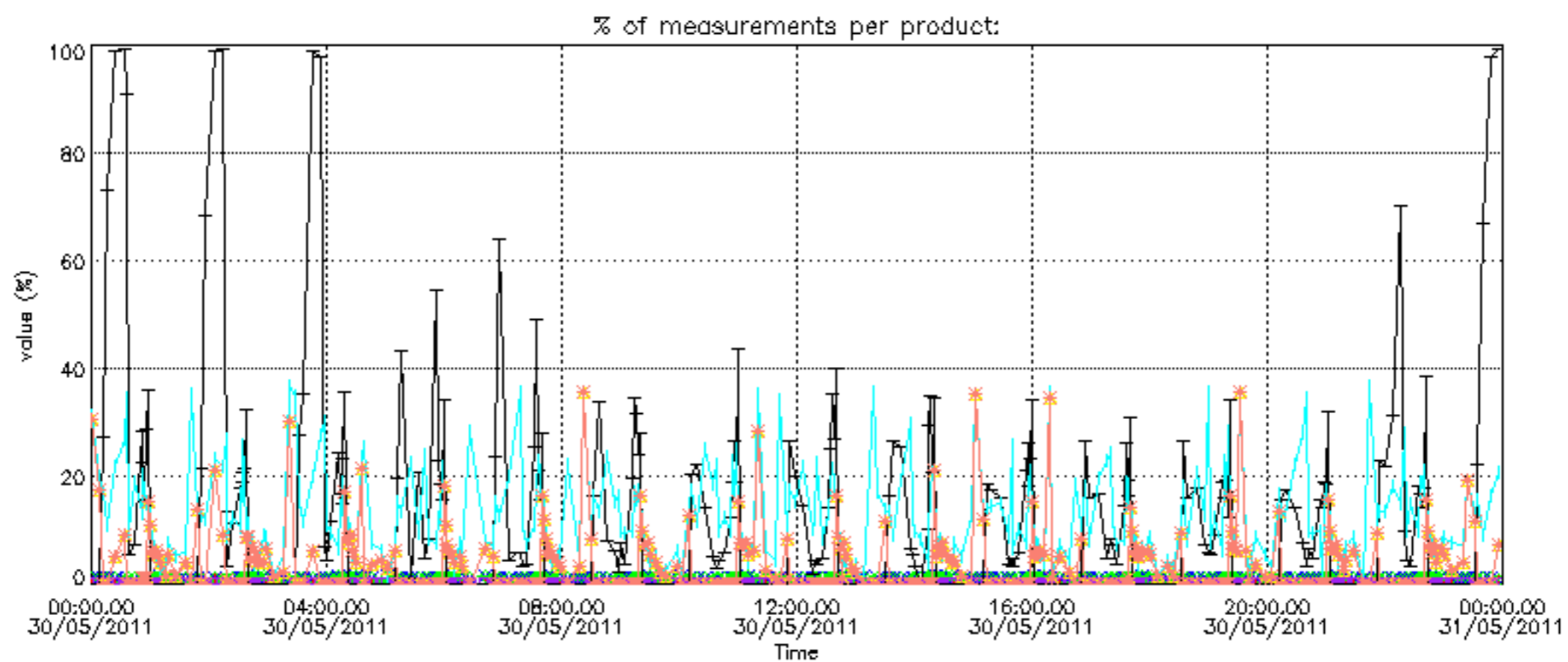
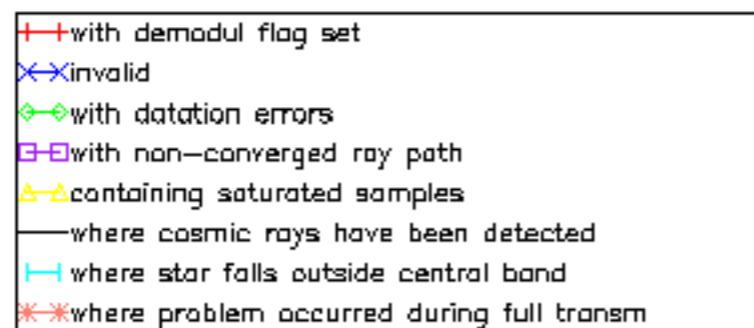
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-MAY-2011 00:00:49
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110526_082123_20110525_000000_20500101_000000	1	30-MAY-2011 00:00:49
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	30-MAY-2011 00:00:49
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	30-MAY-2011 00:00:49
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	30-MAY-2011 00:00:49
ECMWF_FILE	AUX_ECF_AXNECM20110529_062115_20110529_210000_20110530_090000	1	30-MAY-2011 00:00:49
ECMWF_FILE	AUX_ECF_AXNECM20110529_180336_20110530_030000_20110530_150000	46	30-MAY-2011 03:16:25
ECMWF_FILE	AUX_ECA_AXNECM20110530_062115_20110529_210000_20110530_090000	70	30-MAY-2011 05:01:31
ECMWF_FILE	AUX_ECF_AXNECM20110529_180336_20110530_030000_20110530_150000	108	30-MAY-2011 07:44:59
ECMWF_FILE	AUX_ECF_AXNECM20110530_062115_20110530_090000_20110530_210000	131	30-MAY-2011 09:25:13
ECMWF_FILE	AUX_ECF_AXNECM20110530_062116_20110530_150000_20110531_030000	220	30-MAY-2011 16:00:38
ECMWF_FILE	AUX_ECA_AXNECM20110530_182114_20110530_090000_20110530_210000	241	30-MAY-2011 17:37:03
ECMWF_FILE	AUX_ECF_AXNECM20110530_062116_20110530_150000_20110531_030000	287	30-MAY-2011 20:57:32
ECMWF_FILE	AUX_ECF_AXNECM20110530_062116_20110530_210000_20110531_090000	303	30-MAY-2011 22:08:03
OPTIONAL_ECMWF_FILE	MISSING	1	30-MAY-2011 00:00:49
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110528_102115_20110527_190825_20110606_212212	1	30-MAY-2011 00:00:49
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110530_001753_000057383103_00059_48349_6105.N1	5	30-MAY-2011 00:24:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110530_015850_000041443103_00060_48350_6106.N1	28	30-MAY-2011 02:05:08
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110530_031313_000057383103_00061_48351_6107.N1	46	30-MAY-2011 03:16:25
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110530_045410_000057383103_00062_48352_6108.N1	70	30-MAY-2011 05:01:31
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110530_063507_000038253103_00063_48353_4695.N1	91	30-MAY-2011 06:36:52
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110530_074412_000057383103_00064_48354_4696.N1	108	30-MAY-2011 07:44:59
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110530_092509_000054193103_00065_48355_4697.N1	131	30-MAY-2011 09:25:13
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110530_110047_000057383103_00066_48356_4698.N1	154	30-MAY-2011 11:05:27
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110530_124144_000054193103_00067_48357_4699.N1	176	30-MAY-2011 12:43:48
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110530_141722_000057383103_00068_48358_4700.N1	198	30-MAY-2011 14:22:29
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110530_155819_000054193103_00069_48359_4701.N1	220	30-MAY-2011 16:00:38
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110530_173357_000057383103_00070_48360_4702.N1	241	30-MAY-2011 17:37:03
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110530_190936_000057383103_00071_48361_4703.N1	263	30-MAY-2011 19:15:30
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110530_205033_000041443103_00072_48362_6109.N1	287	30-MAY-2011 20:57:32
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110530_220456_000057383103_00072_48362_6110.N1	303	30-MAY-2011 22:08:03
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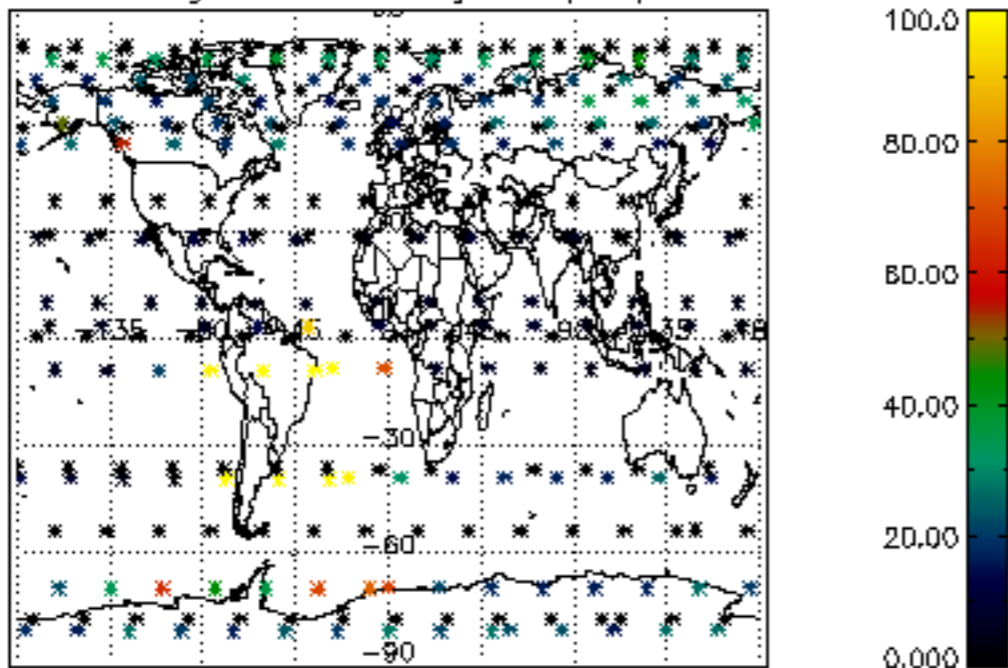




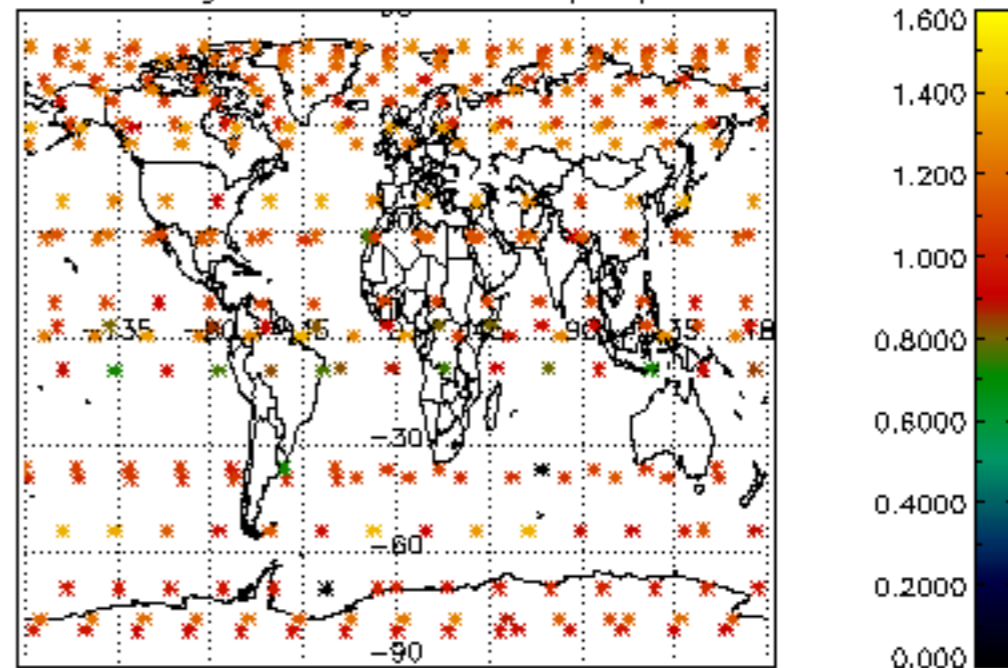




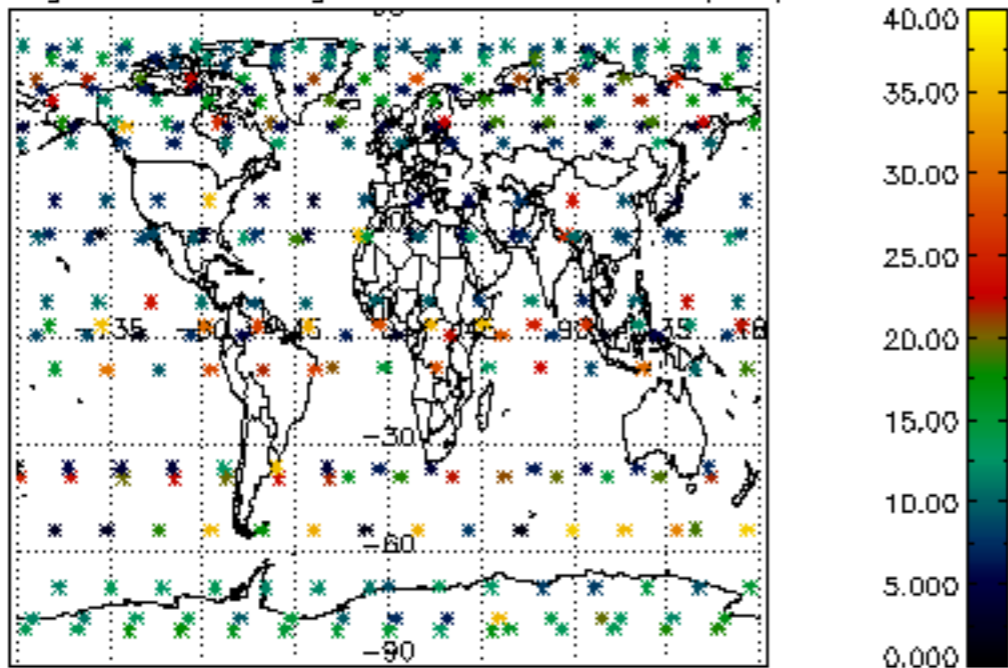
Percentage of cosmic ray hits per profile



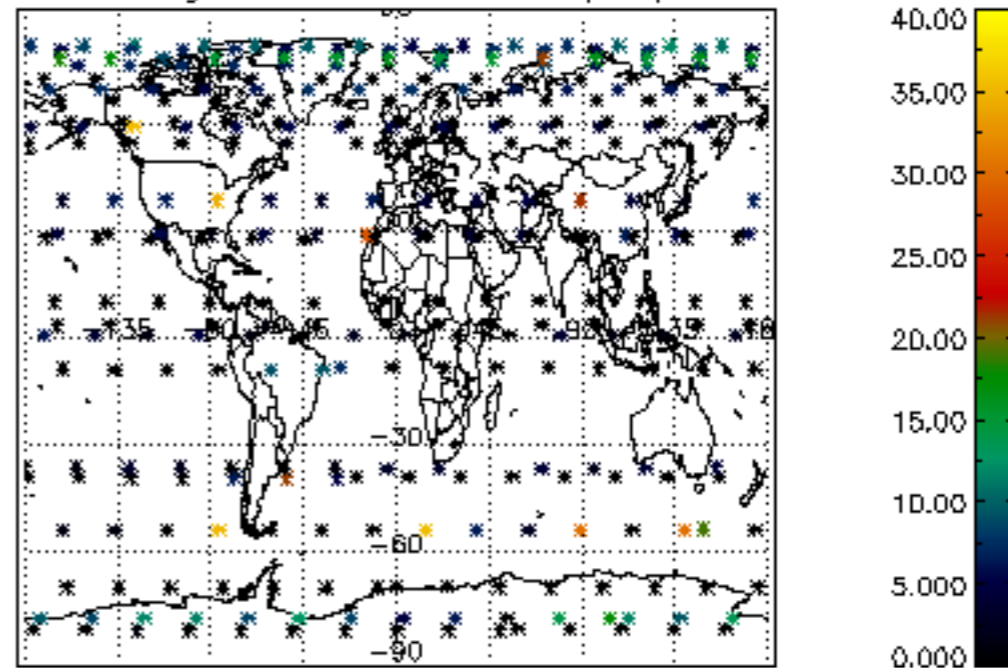
Percentage of datation errors per profile



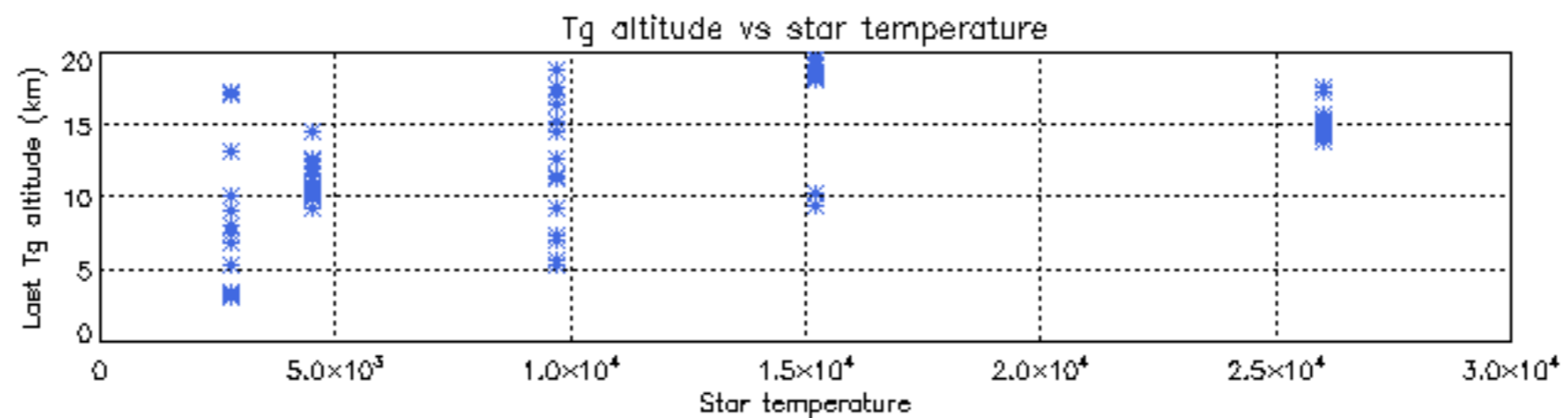
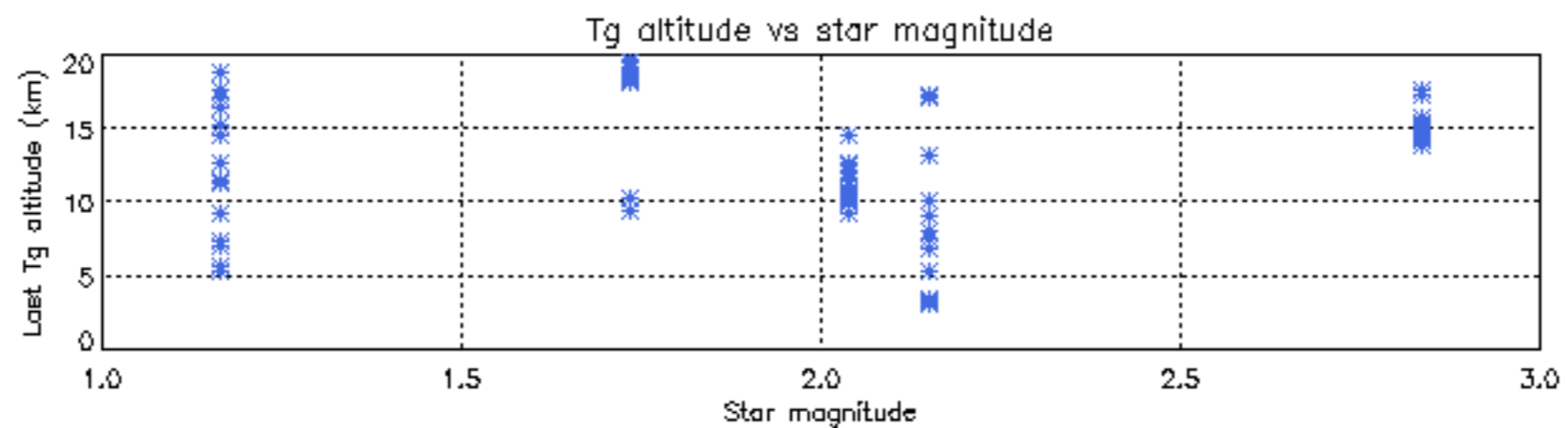
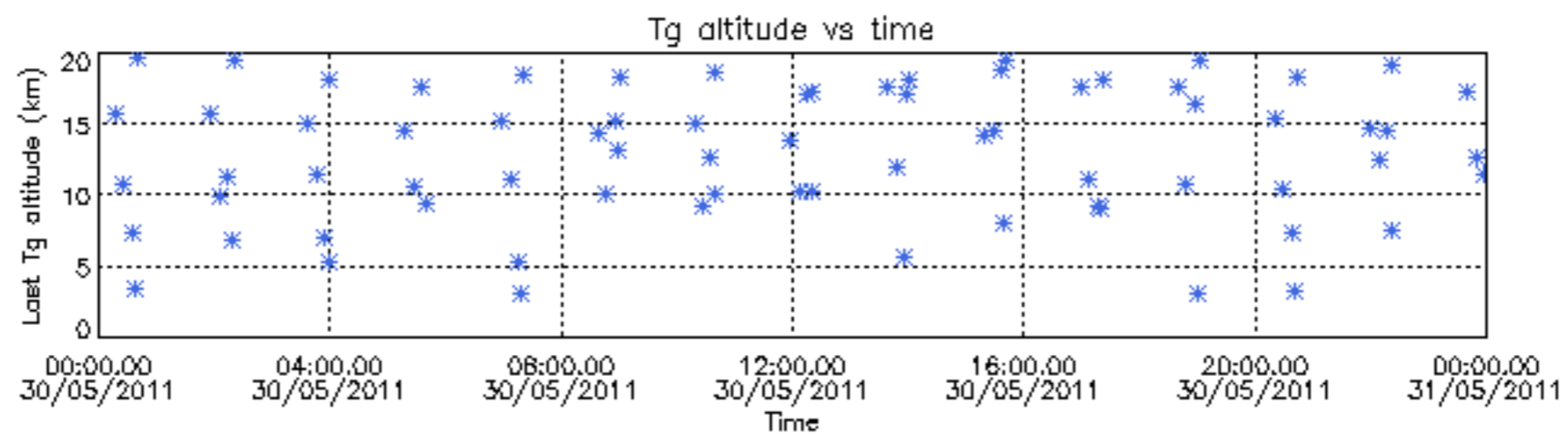
Percentage of star falling outside central band per profile



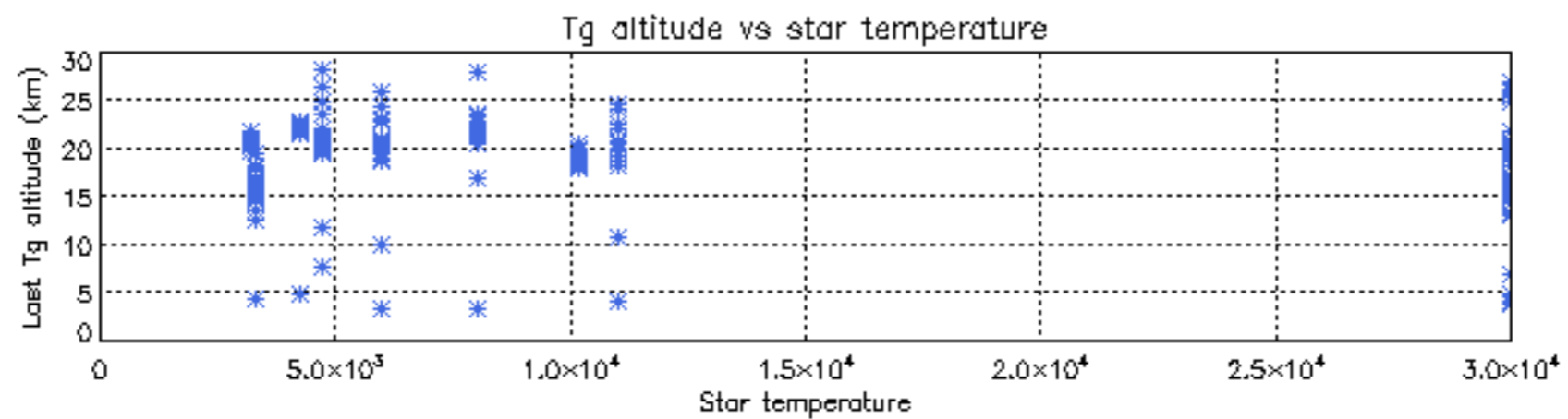
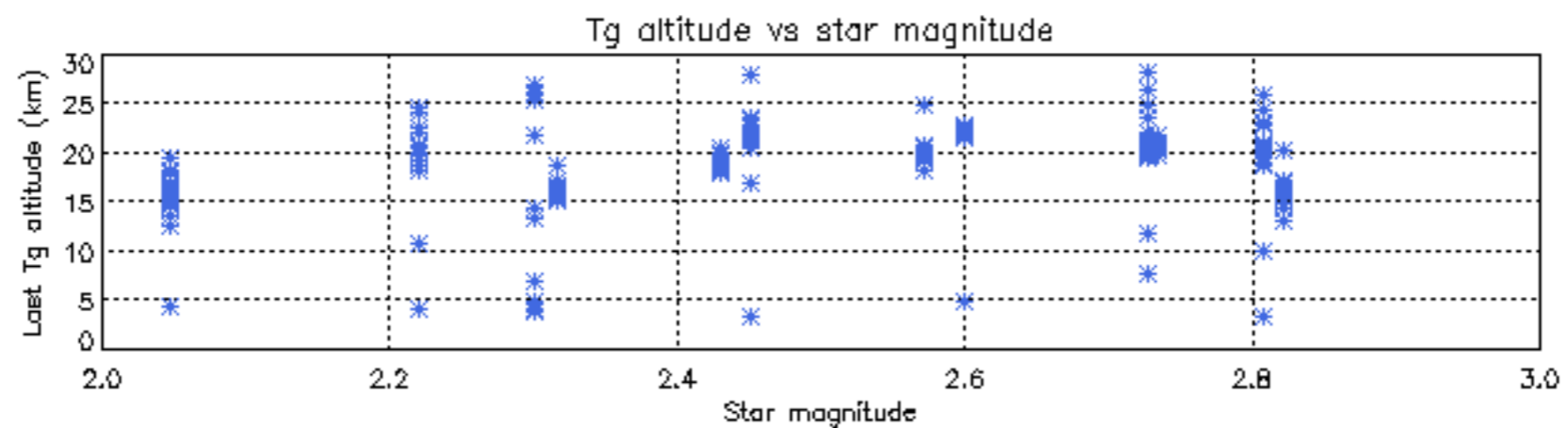
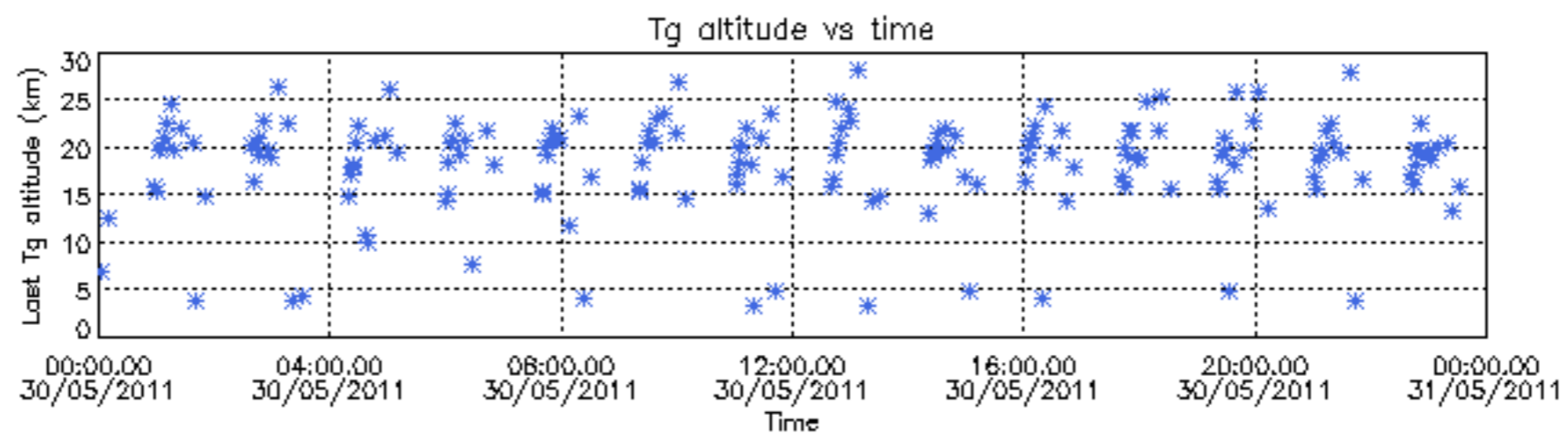
Percentage of saturation errors per profile

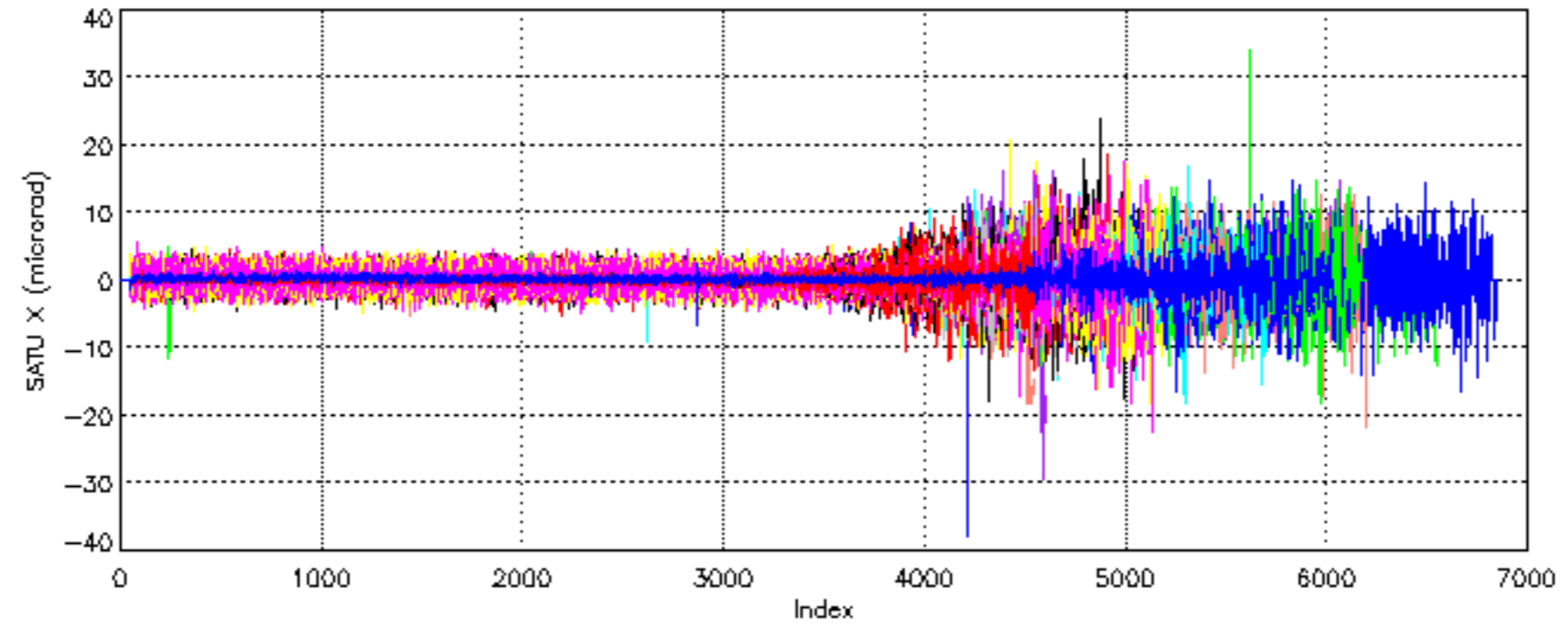


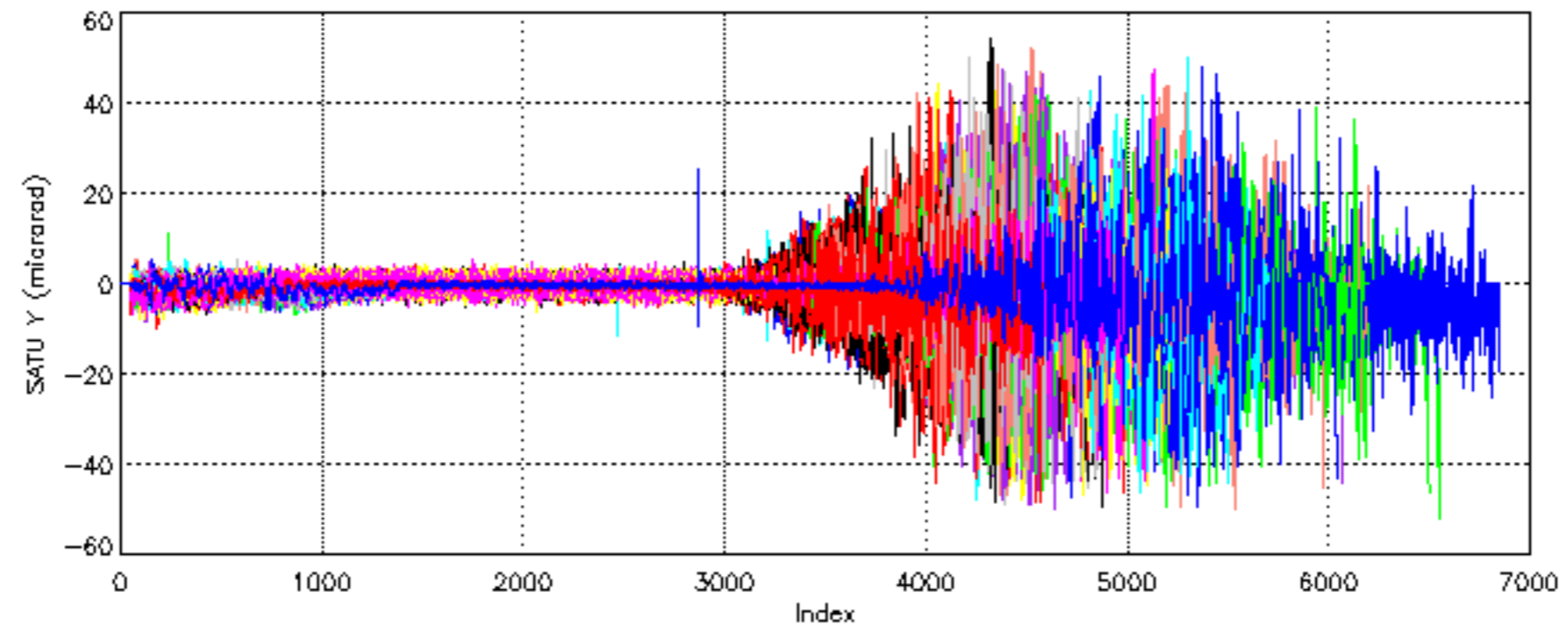
Tangent altitude at which the star is lost

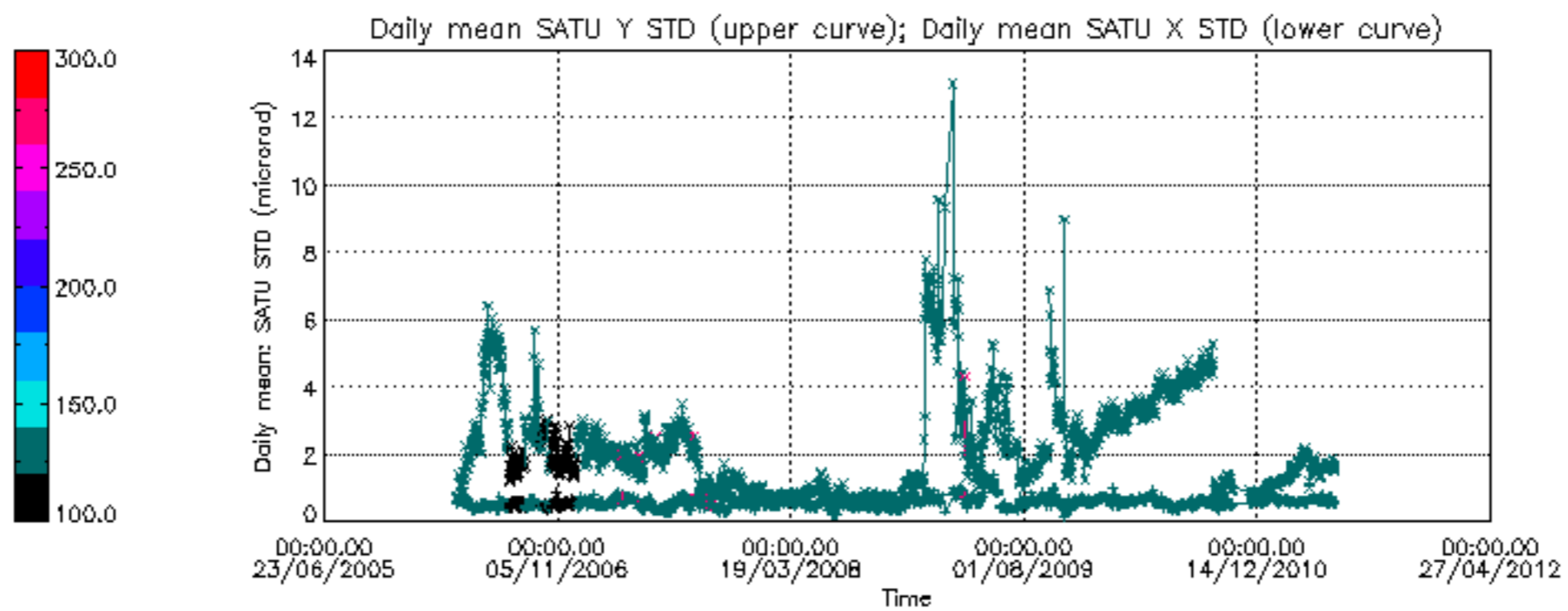


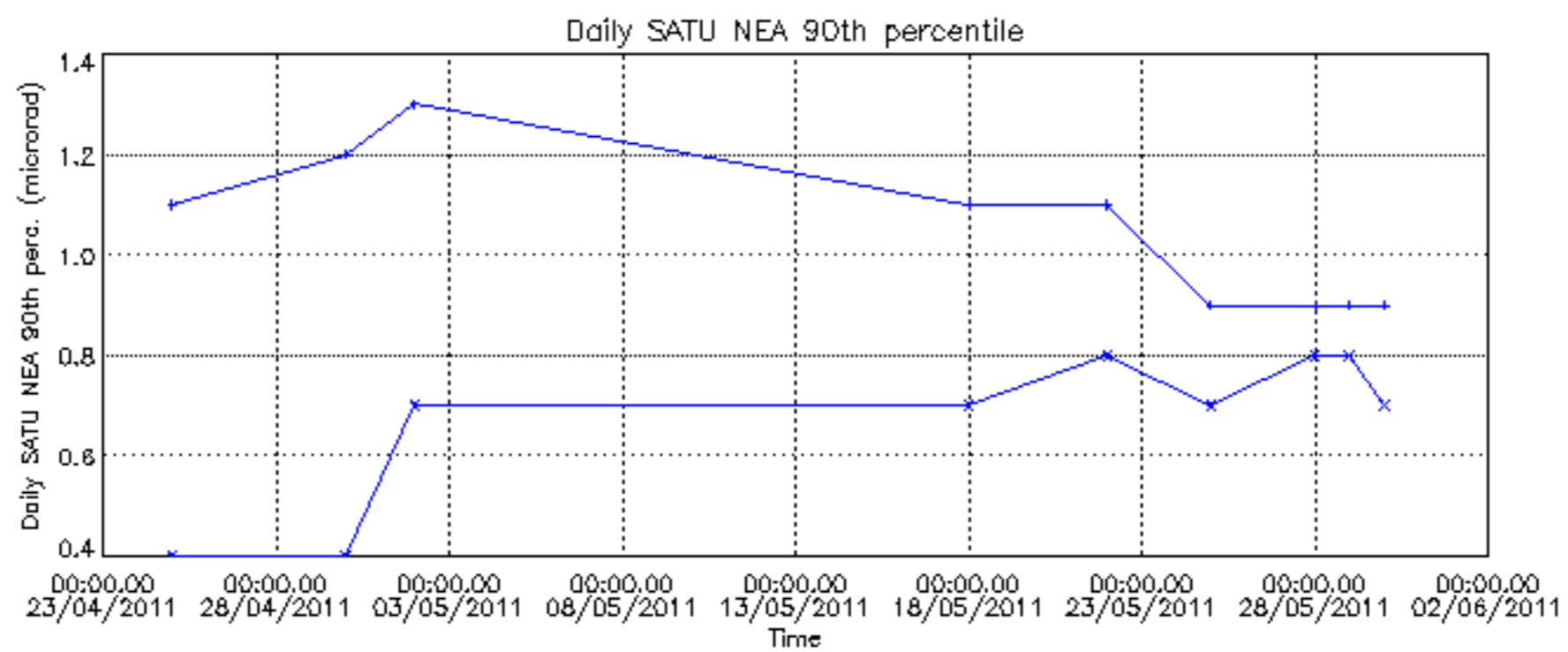
Tangent altitude at which the star is lost











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16; 1566.7; 22-MAY-2011 05:55:53; Bright; 54.0; 86; 35Eta Oph ; 2.43; 10200;occ; 108; 0;48238
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5; 3006.0; 27-MAY-2011 08:16:53; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;48311
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