

GOMOS Daily Report 26-JAN-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	29JAN2011 04:54:51
Data source version	GOMOS/5.01
Start time of products	26JAN2011 00:04:11
Stop time of products	26JAN2011 23:58:40
Store outputs in DB	Yes
Nb of level 1b prods	123
Nb of prods with errors	1

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

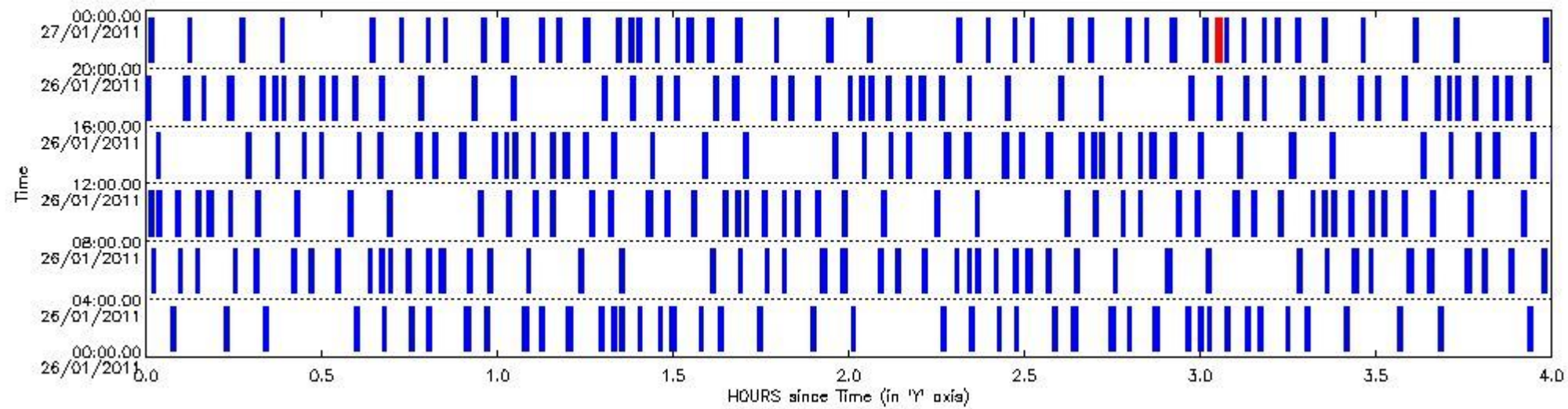
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
26-JAN-2011 23:02:35	BetLup	109	46581

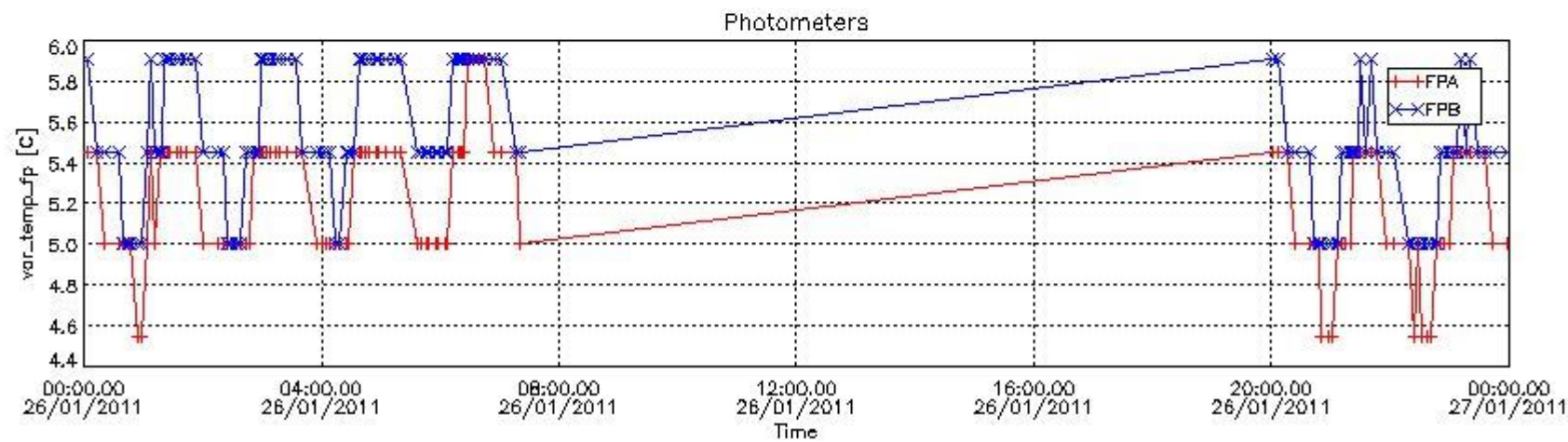
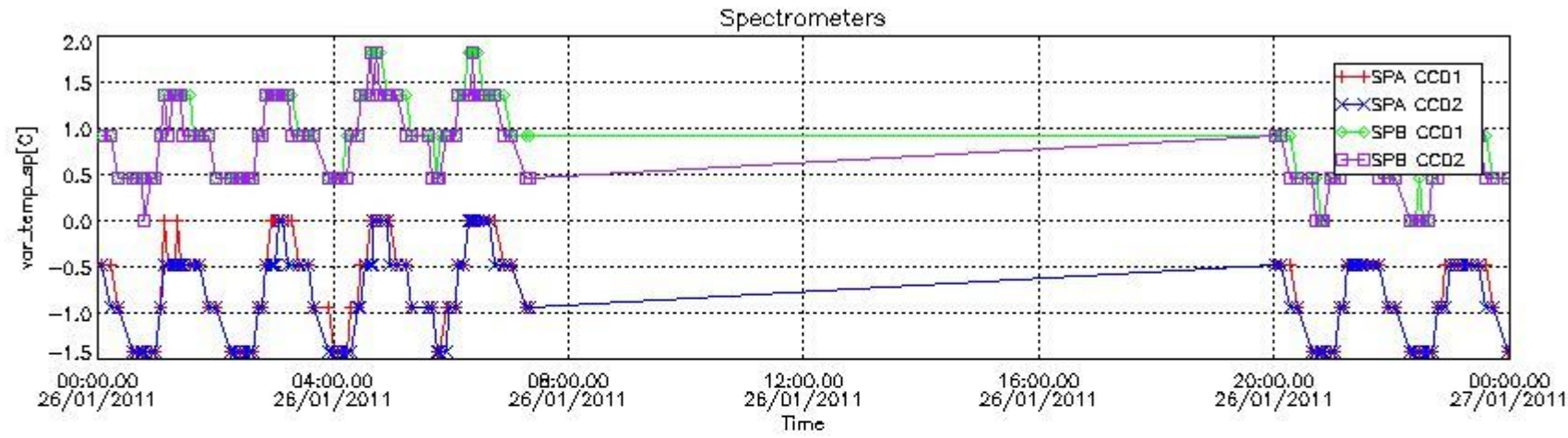
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110126_000411_000000413099_00002_46568_6649.N1	26-JAN-2011 00:04:11	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	46568	No
2	GOM_TRA_1PNPDE20110126_001312_000000503099_00002_46568_6650.N1	26-JAN-2011 00:13:12	Twilight_stray	50.000	8	10Alp CMi	0.40000	6500.0	100	46568	No
3	GOM_TRA_1PNPDE20110126_002006_000000443099_00002_46568_6651.N1	26-JAN-2011 00:20:06	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46568	No
4	GOM_TRA_1PNPDE20110126_003534_000000483099_00002_46568_6652.N1	26-JAN-2011 00:35:34	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46568	No
5	GOM_TRA_1PNPDE20110126_004025_000000363099_00002_46568_6653.N1	26-JAN-2011 00:40:25	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	46568	No
6	GOM_TRA_1PNPDE20110126_004459_000000403099_00002_46568_6654.N1	26-JAN-2011 00:44:59	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46568	No
7	GOM_TRA_1PNPDE20110126_004756_000000383099_00002_46568_6655.N1	26-JAN-2011 00:47:56	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	46568	No
8	GOM_TRA_1PNPDE20110126_005424_000000593099_00002_46568_6656.N1	26-JAN-2011 00:54:24	Bright	59.000	133	40Zet Her	2.8070	6000.0	118	46568	No
9	GOM_TRA_1PNPDE20110126_005746_000000413099_00002_46568_6657.N1	26-JAN-2011 00:57:46	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	46568	No
10	GOM_TRA_1PNPDE20110126_010411_000000623099_00002_46568_6658.N1	26-JAN-2011 01:04:11	Twilight_stray	61.500	102	24Alp Ser	2.6000	4250.0	123	46568	No

11	GOM_TRA_1PNPDE20110126_010715_000000473099_00002_46568_6673.N1	26-JAN-2011 01:07:15	Twilight	47.000	98	13Zet Oph	2.5710	30000.	94	46568	Yes
12	GOM_TRA_1PNPDE20110126_011145_000000543099_00002_46568_6674.N1	26-JAN-2011 01:11:45	Dark	53.500	16	21Alp Sco	1.0200	3000.0	107	46568	No
13	GOM_TRA_1PNPDE20110126_011722_000000403099_00002_46568_6675.N1	26-JAN-2011 01:17:22	Dark	40.000	131	Gam Lup	2.8000	26000.	80	46568	No
14	GOM_TRA_1PNPDE20110126_011925_000000433099_00002_46568_6676.N1	26-JAN-2011 01:19:25	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46568	No
15	GOM_TRA_1PNPDE20110126_012053_000000443099_00003_46569_6677.N1	26-JAN-2011 01:20:53	Dark	43.500	78	Alp Lup	2.3040	28000.	87	46569	No
16	GOM_TRA_1PNPDE20110126_012357_000000443099_00003_46569_6678.N1	26-JAN-2011 01:23:57	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46569	No
17	GOM_TRA_1PNPDE20110126_012723_000000463099_00003_46569_6679.N1	26-JAN-2011 01:27:23	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	46569	No
18	GOM_TRA_1PNPDE20110126_013424_000000403099_00003_46569_6680.N1	26-JAN-2011 01:34:24	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46569	No
19	GOM_TRA_1PNPDE20110126_013743_000000513099_00003_46569_6681.N1	26-JAN-2011 01:37:43	Dark	51.000	65	Lam Vel	2.2040	4400.0	102	46569	No
20	GOM_TRA_1PNPDE20110126_014425_000000413099_00003_46569_6682.N1	26-JAN-2011 01:44:25	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	46569	No
21	GOM_TRA_1PNPDE20110126_015326_000000503099_00003_46569_6683.N1	26-JAN-2011 01:53:26	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	46569	No
22	GOM_TRA_1PNPDE20110126_020020_000000443099_00003_46569_6684.N1	26-JAN-2011 02:00:20	Bright	44.000	17	78Bet Gem	1.1610	4500.0	88	46569	No
23	GOM_TRA_1PNPDE20110126_021548_000000443099_00003_46569_6685.N1	26-JAN-2011 02:15:48	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	46569	No
24	GOM_TRA_1PNPDE20110126_022038_000000413099_00003_46569_6686.N1	26-JAN-2011 02:20:38	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46569	No
25	GOM_TRA_1PNPDE20110126_022513_000000393099_00003_46569_6687.N1	26-JAN-2011 02:25:13	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46569	No
26	GOM_TRA_1PNPDE20110126_022810_000000473099_00003_46569_6688.N1	26-JAN-2011 02:28:10	Bright	46.500	130	23Bet Dra	2.7990	5800.0	93	46569	No
27	GOM_TRA_1PNPDE20110126_023438_000000593099_00003_46569_6689.N1	26-JAN-2011 02:34:38	Bright	59.000	133	40Zet Her	2.8070	6000.0	118	46569	No
28	GOM_TRA_1PNPDE20110126_023801_000000623099_00003_46569_6690.N1	26-JAN-2011 02:38:01	Bright	62.000	127	27Bet Her	2.7810	4700.0	124	46569	No
29	GOM_TRA_1PNPDE20110126_024426_000000613099_00003_46569_6691.N1	26-JAN-2011 02:44:26	Twilight	60.500	102	24Alp Ser	2.6000	4250.0	121	46569	No
30	GOM_TRA_1PNPDE20110126_024730_000000463099_00003_46569_6692.N1	26-JAN-2011 02:47:30	Twilight	45.500	98	13Zet Oph	2.5710	30000.	91	46569	No
31	GOM_TRA_1PNPDE20110126_025200_000000573099_00003_46569_6693.N1	26-JAN-2011 02:52:00	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	46569	No
32	GOM_TRA_1PNPDE20110126_025736_000000433099_00003_46569_6694.N1	26-JAN-2011 02:57:36	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46569	No
33	GOM_TRA_1PNPDE20110126_025940_000000443099_00003_46569_6695.N1	26-JAN-2011 02:59:40	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46569	No
34	GOM_TRA_1PNPDE20110126_030108_000000433099_00004_46570_6696.N1	26-JAN-2011 03:01:08	Dark	42.500	78	Alp Lup	2.3040	28000.	85	46570	No
35	GOM_TRA_1PNPDE20110126_030412_000000433099_00004_46570_6697.N1	26-JAN-2011 03:04:12	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46570	No
36	GOM_TRA_1PNPDE20110126_030738_000000443099_00004_46570_6698.N1	26-JAN-2011 03:07:38	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46570	No
37	GOM_TRA_1PNPDE20110126_031439_000000403099_00004_46570_6699.N1	26-JAN-2011 03:14:39	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46570	No
38	GOM_TRA_1PNPDE20110126_031758_000000473099_00004_46570_6700.N1	26-JAN-2011 03:17:58	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	46570	No
39	GOM_TRA_1PNPDE20110126_032440_000000433099_00004_46570_6701.N1	26-JAN-2011 03:24:40	Straylight	43.000	132	15Rho Pup	2.8030	6900.0	86	46570	No
40	GOM_TRA_1PNPDE20110126_033340_000000493099_00004_46570_6702.N1	26-JAN-2011 03:33:40	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	46570	No
41	GOM_TRA_1PNPDE20110126_034034_000000573099_00004_46570_6703.N1	26-JAN-2011 03:40:34	Bright	56.500	17	78Bet Gem	1.1610	4500.0	113	46570	No
42	GOM_TRA_1PNPDE20110126_035601_000000483099_00004_46570_6704.N1	26-JAN-2011 03:56:01	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46570	No
43	GOM_TRA_1PNPDE20110126_040052_000000403099_00004_46570_6696.N1	26-JAN-2011 04:00:52	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46570	No
44	GOM_TRA_1PNPDE20110126_040527_000000413099_00004_46570_6697.N1	26-JAN-2011 04:05:27	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46570	No
45	GOM_TRA_1PNPDE20110126_040824_000000383099_00004_46570_6698.N1	26-JAN-2011 04:08:24	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46570	No
46	GOM_TRA_1PNPDE20110126_041452_000000393099_00004_46570_6699.N1	26-JAN-2011 04:14:52	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	46570	No
47	GOM_TRA_1PNPDE20110126_041815_000000623099_00004_46570_6700.N1	26-JAN-2011 04:18:15	Bright	62.000	127	27Bet Her	2.7810	4700.0	124	46570	No
48	GOM_TRA_1PNPDE20110126_042441_000000613099_00004_46570_6701.N1	26-JAN-2011 04:24:41	Twilight	60.500	102	24Alp Ser	2.6000	4250.0	121	46570	No
49	GOM_TRA_1PNPDE20110126_042744_000000473099_00004_46570_6702.N1	26-JAN-2011 04:27:44	Twilight	47.000	98	13Zet Oph	2.5710	30000.	94	46570	No
50	GOM_TRA_1PNPDE20110126_043215_000000493099_00004_46570_6703.N1	26-JAN-2011 04:32:15	Dark	49.000	16	21Alp Sco	1.0200	3000.0	98	46570	No
51	GOM_TRA_1PNPDE20110126_043751_000000413099_00004_46570_6704.N1	26-JAN-2011 04:37:51	Dark	41.000	131	Gam Lup	2.8000	26000.	82	46570	No
52	GOM_TRA_1PNPDE20110126_043955_000000433099_00004_46570_6705.N1	26-JAN-2011 04:39:55	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46570	No
53	GOM_TRA_1PNPDE20110126_044122_000000423099_00005_46571_6706.N1	26-JAN-2011 04:41:22	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46571	No
54	GOM_TRA_1PNPDE20110126_044426_000000413099_00005_46571_6707.N1	26-JAN-2011 04:44:26	Dark	40.500	10	Bet Cen	0.61000	28000.	81	46571	No
55	GOM_TRA_1PNPDE20110126_044753_000000423099_00005_46571_6708.N1	26-JAN-2011 04:47:53	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46571	No
56	GOM_TRA_1PNPDE20110126_045455_000000373099_00005_46571_6709.N1	26-JAN-2011 04:54:55	Dark	37.000	91	Kap Vel	2.4900	26000.	74	46571	No
57	GOM_TRA_1PNPDE20110126_045813_000000463099_00005_46571_6710.N1	26-JAN-2011 04:58:13	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	46571	No
58	GOM_TRA_1PNPDE20110126_050454_000000443099_00005_46571_6711.N1	26-JAN-2011 05:04:54	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	46571	No
59	GOM_TRA_1PNPDE20110126_051354_000000503099_00005_46571_6712.N1	26-JAN-2011 05:13:54	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	46571	No
60	GOM_TRA_1PNPDE20110126_052047_000000443099_00005_46571_6713.N1	26-JAN-2011 05:20:47	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46571	No
61	GOM_TRA_1PNPDE20110126_053614_000000483099_00005_46571_6714.N1	26-JAN-2011 05:36:14	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46571	No
62	GOM_TRA_1PNPDE20110126_054106_000000363099_00005_46571_6715.N1	26-JAN-2011 05:41:06	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	46571	No
63	GOM_TRA_1PNPDE20110126_054541_000000403099_00005_46571_6719.N1	26-JAN-2011 05:45:41	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46571	No
64	GOM_TRA_1PNPDE20110126_054839_000000373099_00005_46571_6720.N1	26-JAN-2011 05:48:39	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	46571	No
65	GOM_TRA_1PNPDE20110126_055506_000000593099_00005_46571_6721.N1	26-JAN-2011 05:55:06	Bright	59.000	133	40Zet Her	2.8070	6000.0	118	46571	No
66	GOM_TRA_1PNPDE20110126_055829_000000623099_00005_46571_6722.N1	26-JAN-2011 05:58:29	Bright	62.000	127	27Bet Her	2.7810	4700.0	124	46571	No
67	GOM_TRA_1PNPDE20110126_060456_000000603099_00005_46571_6723.N1	26-JAN-2011 06:04:56	Twilight	60.000	102	24Alp Ser	2.6000	4250.0	120	46571	No
68	GOM_TRA_1PNPDE20110126_060759_000000483099_00005_46571_6724.N1	26-JAN-2011 06:07:59	Twilight	47.500	98	13Zet Oph	2.5710	30000.	95	46571	No
69	GOM_TRA_1PNPDE20110126_061229_000000543099_00005_46571_6725.N1	26-JAN-2011 06:12:29	Dark	53.500	16	21Alp Sco	1.0200	3000.0	107	46571	No

70	GOM_TRA_1PNPDE20110126_061806_000000423099_00005_46571_6726.N1	26-JAN-2011 06:18:06	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46571	No
71	GOM_TRA_1PNPDE20110126_062010_000000443099_00005_46571_6727.N1	26-JAN-2011 06:20:10	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46571	No
72	GOM_TRA_1PNPDE20110126_062137_000000493099_00006_46572_6728.N1	26-JAN-2011 06:21:37	Dark	48.500	78	Alp Lup	2.3040	28000.	97	46572	No
73	GOM_TRA_1PNPDE20110126_062441_000000423099_00006_46572_6729.N1	26-JAN-2011 06:24:41	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46572	No
74	GOM_TRA_1PNPDE20110126_062807_000000413099_00006_46572_6730.N1	26-JAN-2011 06:28:07	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	46572	No
75	GOM_TRA_1PNPDE20110126_063343_000000473099_00006_46572_6731.N1	26-JAN-2011 06:33:43	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46572	No
76	GOM_TRA_1PNPDE20110126_063827_000000483099_00006_46572_6732.N1	26-JAN-2011 06:38:27	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	46572	No
77	GOM_TRA_1PNPDE20110126_064508_000000423099_00006_46572_6733.N1	26-JAN-2011 06:45:08	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	46572	No
78	GOM_TRA_1PNPDE20110126_065408_000000503099_00006_46572_6734.N1	26-JAN-2011 06:54:08	Twilight_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	46572	No
79	GOM_TRA_1PNPDE20110126_070101_000000423099_00006_46572_6735.N1	26-JAN-2011 07:01:01	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46572	No
80	GOM_TRA_1PNPDE20110126_071628_000000503099_00006_46572_6736.N1	26-JAN-2011 07:16:28	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	46572	No
81	GOM_TRA_1PNPDE20110126_072120_000000383099_00006_46572_6737.N1	26-JAN-2011 07:21:20	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46572	No
82	GOM_TRA_1PNPDE20110126_200022_000000483099_00014_46580_6813.N1	26-JAN-2011 20:00:22	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	46580	No
83	GOM_TRA_1PNPDE20110126_200702_000000453099_00014_46580_6814.N1	26-JAN-2011 20:07:02	Straylight	44.500	132	15Rho Pup	2.8030	6900.0	89	46580	No
84	GOM_TRA_1PNPDE20110126_201600_000000533099_00014_46580_6815.N1	26-JAN-2011 20:16:00	Twilight_and_stray	52.500	8	10Alp CMi	0.40000	6500.0	105	46580	No
85	GOM_TRA_1PNPDE20110126_202251_000000443099_00014_46580_6816.N1	26-JAN-2011 20:22:51	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46580	No
86	GOM_TRA_1PNPDE20110126_203814_000000483099_00014_46580_6817.N1	26-JAN-2011 20:38:14	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46580	No
87	GOM_TRA_1PNPDE20110126_204310_000000383099_00014_46580_6818.N1	26-JAN-2011 20:43:10	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	46580	No
88	GOM_TRA_1PNPDE20110126_204746_000000403099_00014_46580_6819.N1	26-JAN-2011 20:47:46	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46580	No
89	GOM_TRA_1PNPDE20110126_205045_000000353099_00014_46580_6820.N1	26-JAN-2011 20:50:45	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	46580	No
90	GOM_TRA_1PNPDE20110126_205714_000000423099_00014_46580_6821.N1	26-JAN-2011 20:57:14	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	46580	No
91	GOM_TRA_1PNPDE20110126_210038_000000623099_00014_46580_6822.N1	26-JAN-2011 21:00:38	Bright	62.000	127	27Bet Her	2.7810	4700.0	124	46580	No
92	GOM_TRA_1PNPDE20110126_210709_000000503099_00014_46580_6834.N1	26-JAN-2011 21:07:09	Twilight_and_stray	50.000	102	24Alp Ser	2.6000	4250.0	100	46580	No
93	GOM_TRA_1PNPDE20110126_211010_000000453099_00014_46580_6835.N1	26-JAN-2011 21:10:10	Twilight_and_stray	44.500	98	13Zet Oph	2.5710	30000.	89	46580	No
94	GOM_TRA_1PNPDE20110126_211440_000000573099_00014_46580_6836.N1	26-JAN-2011 21:14:40	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	46580	No
95	GOM_TRA_1PNPDE20110126_212018_000000433099_00014_46580_6837.N1	26-JAN-2011 21:20:18	Dark	42.500	131	Gam Lup	2.8000	26000.	85	46580	No
96	GOM_TRA_1PNPDE20110126_212223_000000443099_00014_46580_6838.N1	26-JAN-2011 21:22:23	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46580	No
97	GOM_TRA_1PNPDE20110126_212351_000000443099_00015_46581_6839.N1	26-JAN-2011 21:23:51	Dark	44.000	78	Alp Lup	2.3040	28000.	88	46581	No
98	GOM_TRA_1PNPDE20110126_212652_000000423099_00015_46581_6840.N1	26-JAN-2011 21:26:52	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46581	No
99	GOM_TRA_1PNPDE20110126_213018_000000433099_00015_46581_6841.N1	26-JAN-2011 21:30:18	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	46581	No
100	GOM_TRA_1PNPDE20110126_213555_000000513099_00015_46581_6842.N1	26-JAN-2011 21:35:55	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	46581	No
101	GOM_TRA_1PNPDE20110126_214037_000000573099_00015_46581_6843.N1	26-JAN-2011 21:40:37	Dark	57.000	65	Lam Vel	2.2040	4400.0	114	46581	No
102	GOM_TRA_1PNPDE20110126_214716_000000423099_00015_46581_6844.N1	26-JAN-2011 21:47:16	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	46581	No
103	GOM_TRA_1PNPDE20110126_215614_000000523099_00015_46581_6845.N1	26-JAN-2011 21:56:14	Twilight_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	46581	No
104	GOM_TRA_1PNPDE20110126_220305_000000443099_00015_46581_6846.N1	26-JAN-2011 22:03:05	Bright	43.500	17	78Bet Gem	1.1610	4500.0	87	46581	No
105	GOM_TRA_1PNPDE20110126_221827_000000493099_00015_46581_6847.N1	26-JAN-2011 22:18:27	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	46581	No
106	GOM_TRA_1PNPDE20110126_222324_000000393099_00015_46581_6848.N1	26-JAN-2011 22:23:24	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46581	No
107	GOM_TRA_1PNPDE20110126_222800_000000393099_00015_46581_6849.N1	26-JAN-2011 22:28:00	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46581	No
108	GOM_TRA_1PNPDE20110126_223059_000000383099_00015_46581_6850.N1	26-JAN-2011 22:30:59	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	46581	No
109	GOM_TRA_1PNPDE20110126_223728_000000403099_00015_46581_6851.N1	26-JAN-2011 22:37:28	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	46581	No
110	GOM_TRA_1PNPDE20110126_224052_000000433099_00015_46581_6852.N1	26-JAN-2011 22:40:52	Bright	42.500	127	27Bet Her	2.7810	4700.0	85	46581	No
111	GOM_TRA_1PNPDE20110126_224723_000000503099_00015_46581_6853.N1	26-JAN-2011 22:47:23	Twilight_and_stray	50.000	102	24Alp Ser	2.6000	4250.0	100	46581	No
112	GOM_TRA_1PNPDE20110126_225024_000000443099_00015_46581_6854.N1	26-JAN-2011 22:50:24	Twilight_and_stray	43.500	98	13Zet Oph	2.5710	30000.	87	46581	No
113	GOM_TRA_1PNPDE20110126_225455_000000543099_00015_46581_6853.N1	26-JAN-2011 22:54:55	Dark	54.000	16	21Alp Sco	1.0200	3000.0	108	46581	No
114	GOM_TRA_1PNPDE20110126_230033_000000423099_00015_46581_6854.N1	26-JAN-2011 23:00:33	Dark	42.000	131	Gam Lup	2.8000	26000.	84	46581	No
115	GOM_TRA_1PNPDE20110126_230405_000000443099_00016_46582_6855.N1	26-JAN-2011 23:04:05	Dark	43.500	78	Alp Lup	2.3040	28000.	87	46582	No
116	GOM_TRA_1PNPDE20110126_230707_000000423099_00016_46582_6856.N1	26-JAN-2011 23:07:07	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46582	No
117	GOM_TRA_1PNPDE20110126_231033_000000443099_00016_46582_6857.N1	26-JAN-2011 23:10:33	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46582	No
118	GOM_TRA_1PNPDE20110126_231610_000000543099_00016_46582_6858.N1	26-JAN-2011 23:16:10	Dark	53.500	113	Mu Vel	2.6920	5000.0	107	46582	No
119	GOM_TRA_1PNPDE20110126_232051_000000473099_00016_46582_6859.N1	26-JAN-2011 23:20:51	Dark	46.500	65	Lam Vel	2.2040	4400.0	93	46582	No
120	GOM_TRA_1PNPDE20110126_232730_000000403099_00016_46582_6860.N1	26-JAN-2011 23:27:30	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	46582	No
121	GOM_TRA_1PNPDE20110126_233628_000000493099_00016_46582_6861.N1	26-JAN-2011 23:36:28	Twilight_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	46582	No
122	GOM_TRA_1PNPDE20110126_234319_000000433099_00016_46582_6862.N1	26-JAN-2011 23:43:19	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	46582	No
123	GOM_TRA_1PNPDE20110126_235840_000000463099_00016_46582_6863.N1	26-JAN-2011 23:58:40	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	46582	No

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



4. Overview of dark signal processing per product

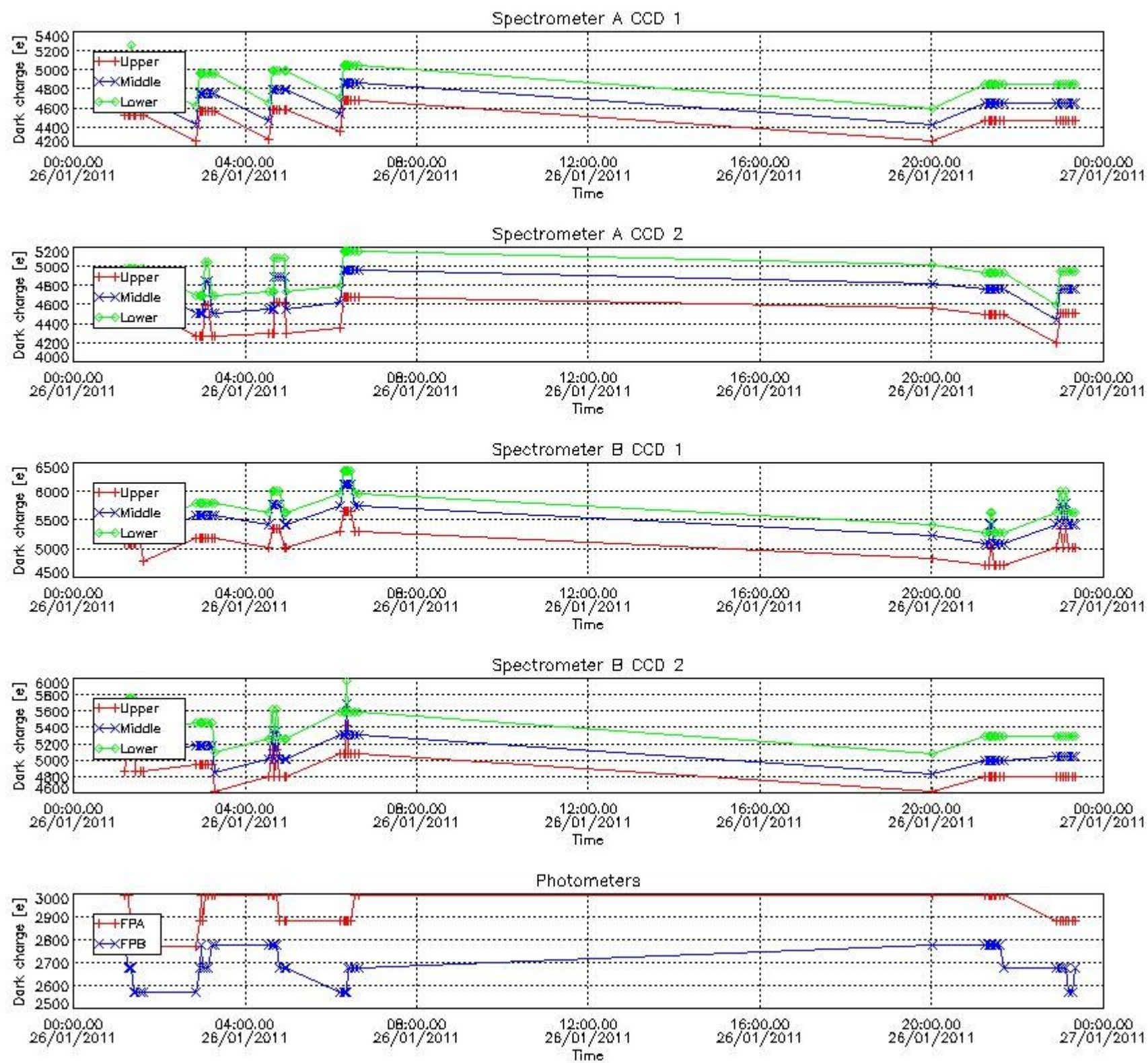
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20110126_200022_000000483099_00014_46580_6813.N1	DC map used
GOM_TRA_1PNPDE20110126_200702_000000453099_00014_46580_6814.N1	DC map used
GOM_TRA_1PNPDE20110126_201600_000000533099_00014_46580_6815.N1	DC map used
GOM_TRA_1PNPDE20110126_202251_000000443099_00014_46580_6816.N1	DC map used
GOM_TRA_1PNPDE20110126_203814_000000483099_00014_46580_6817.N1	DC map used
GOM_TRA_1PNPDE20110126_204310_000000383099_00014_46580_6818.N1	DC map used
GOM_TRA_1PNPDE20110126_204746_000000403099_00014_46580_6819.N1	DC map used
GOM_TRA_1PNPDE20110126_205045_000000353099_00014_46580_6820.N1	DC map used
GOM_TRA_1PNPDE20110126_205714_000000423099_00014_46580_6821.N1	DC map used
GOM_TRA_1PNPDE20110126_210038_000000623099_00014_46580_6822.N1	DC map used

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



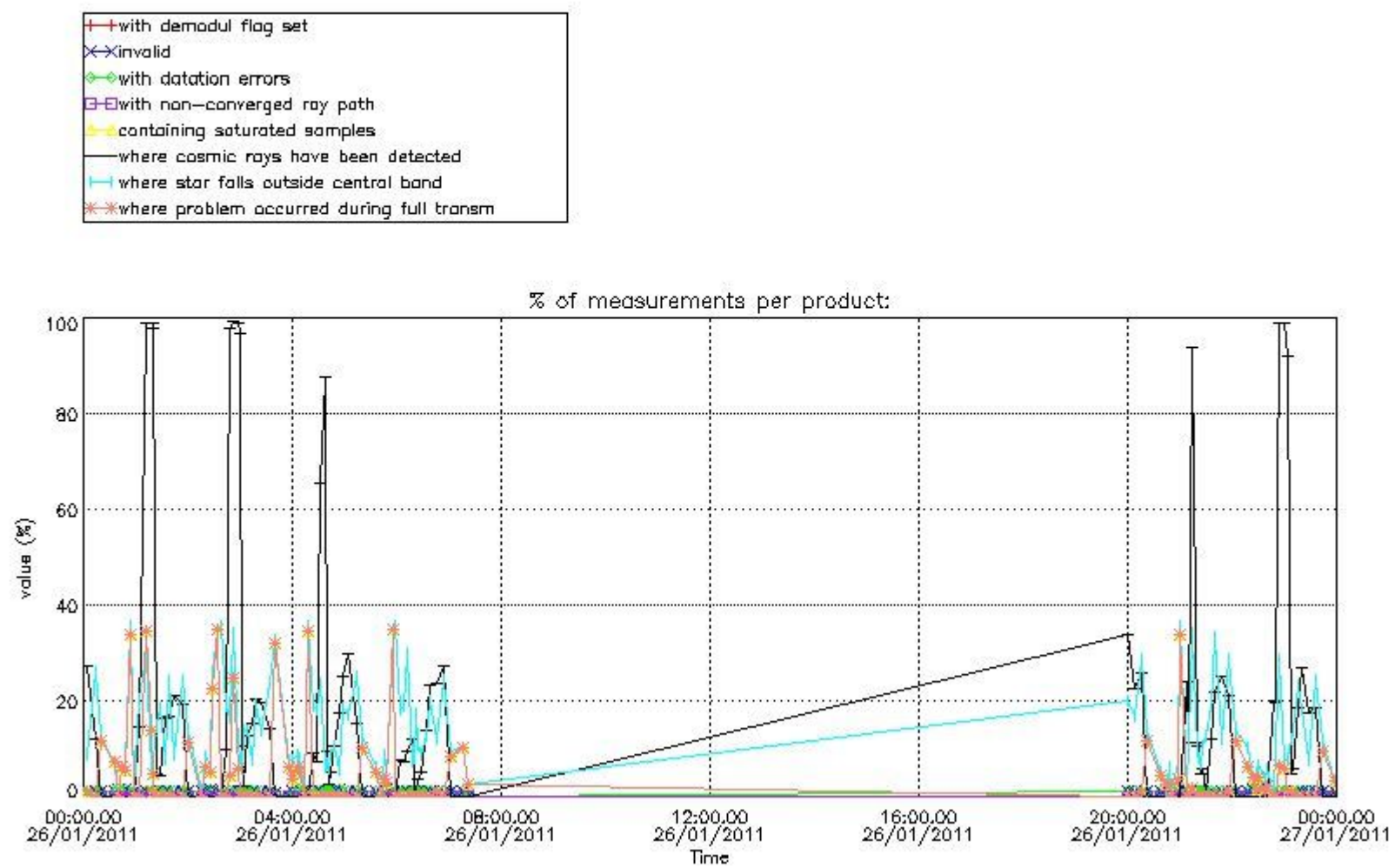
5. Demodulation flag and quality information monitoring

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.

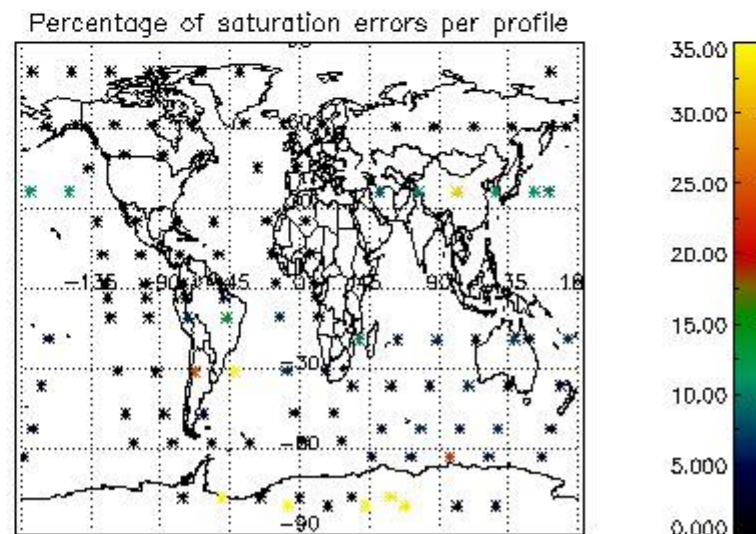
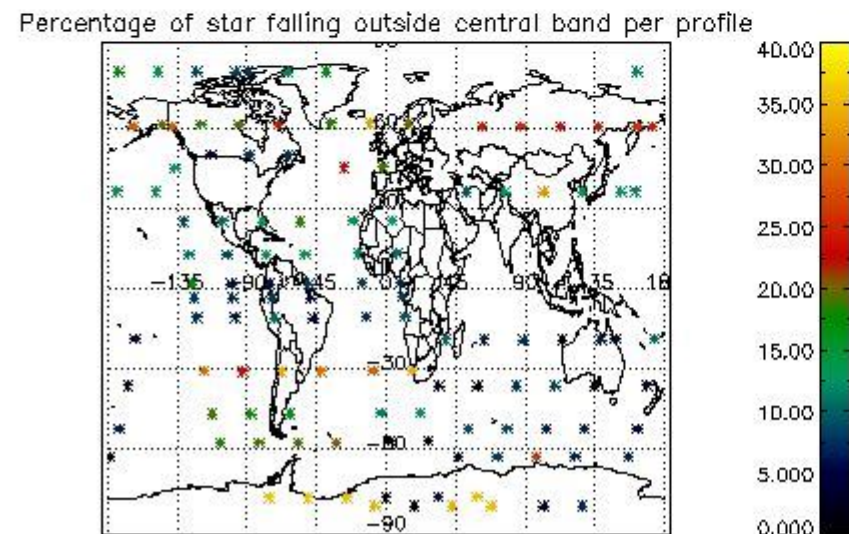
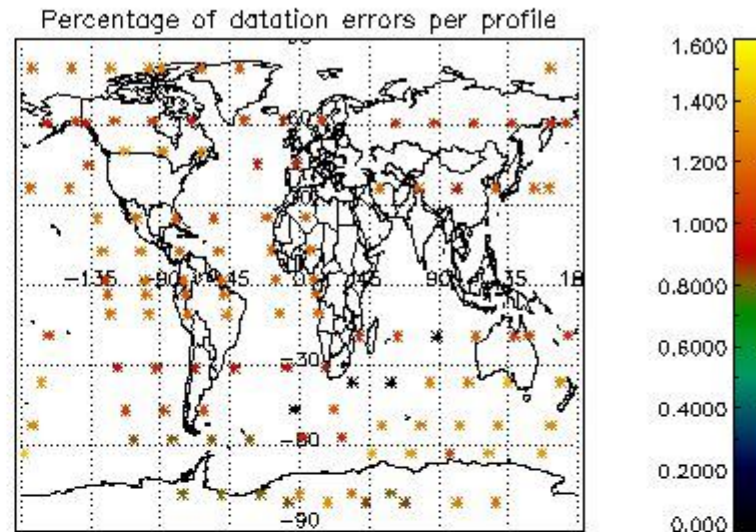
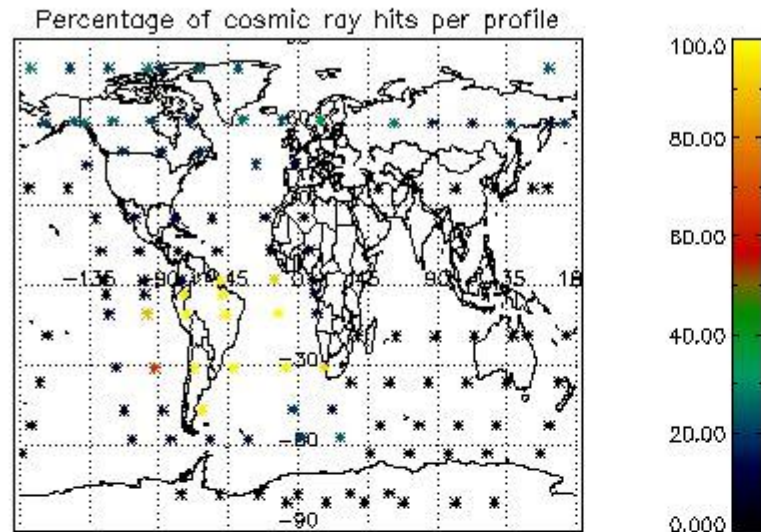
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	54.0984 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



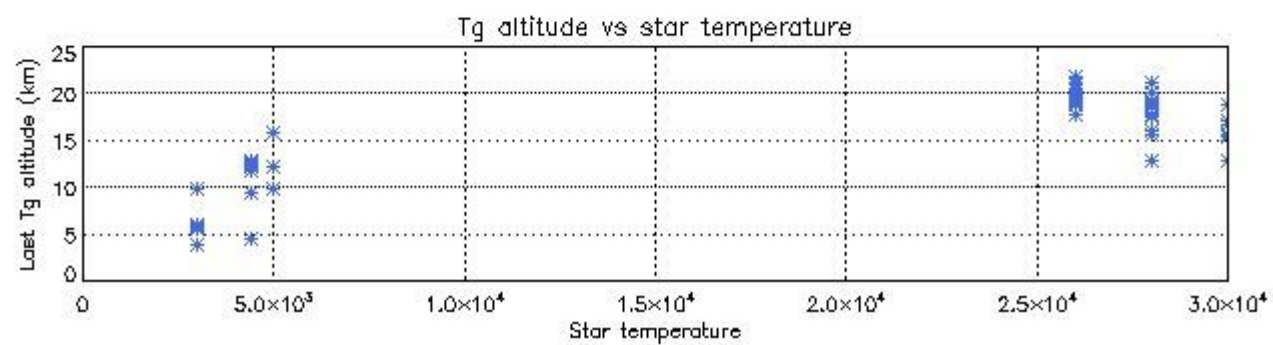
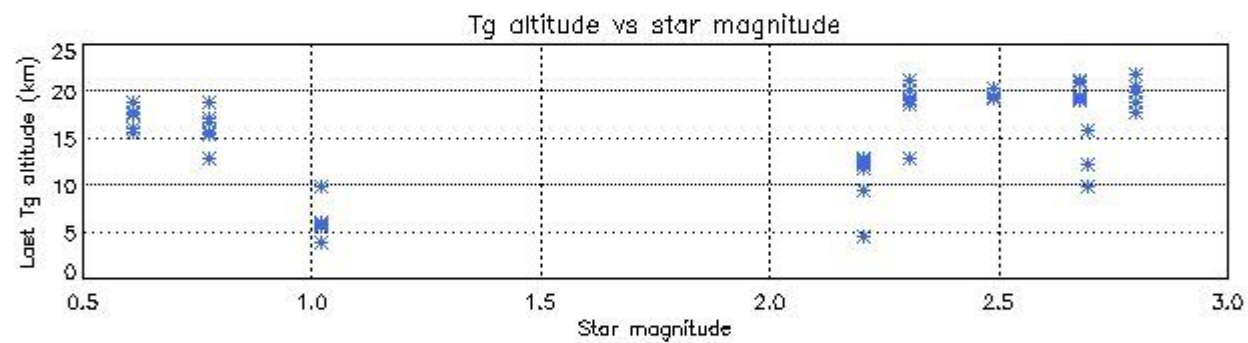
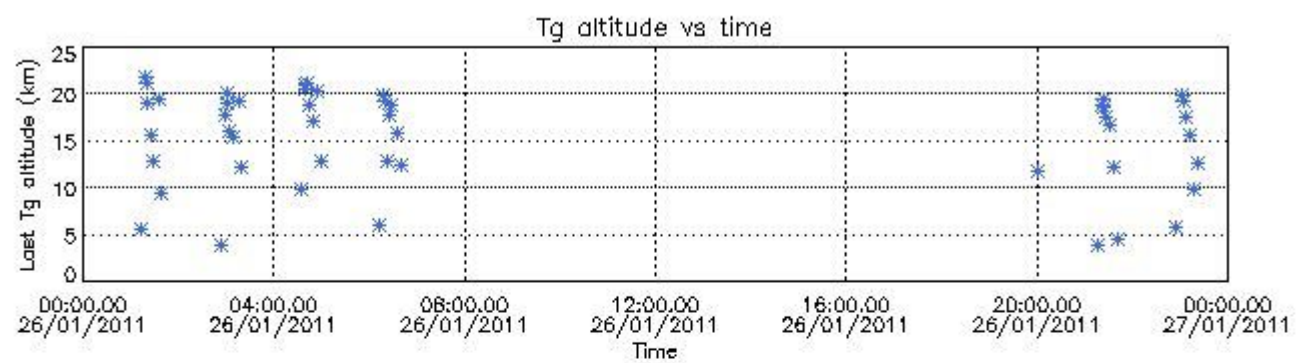
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.352	17.721	NaN
St. deviation:	5.1766	7.2726	NaN
Maximum:	21.839	29.416	NaN
Minimum:	3.7987	3.5011	NaN
Number of data:	48.000	47.000	NaN

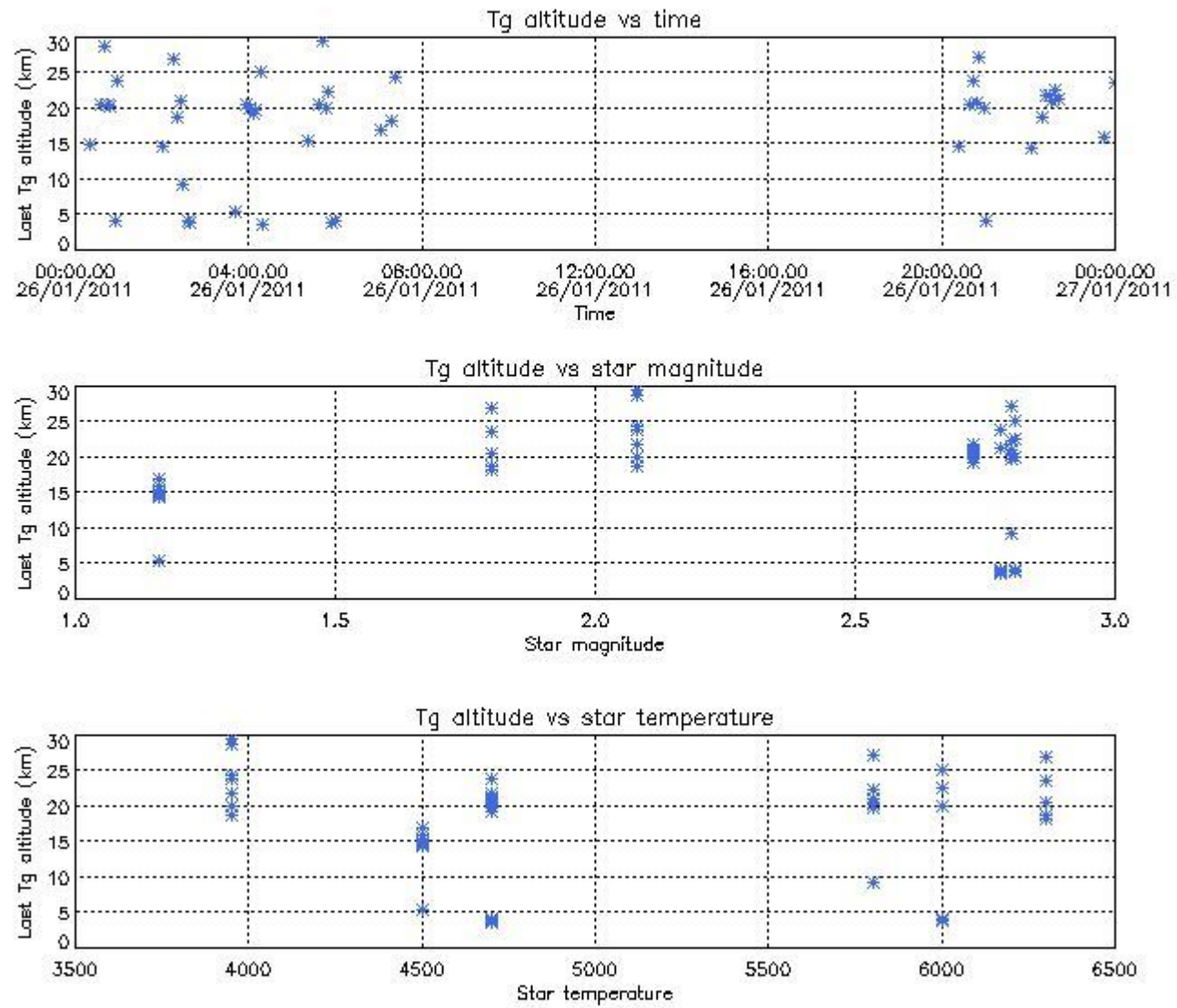
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

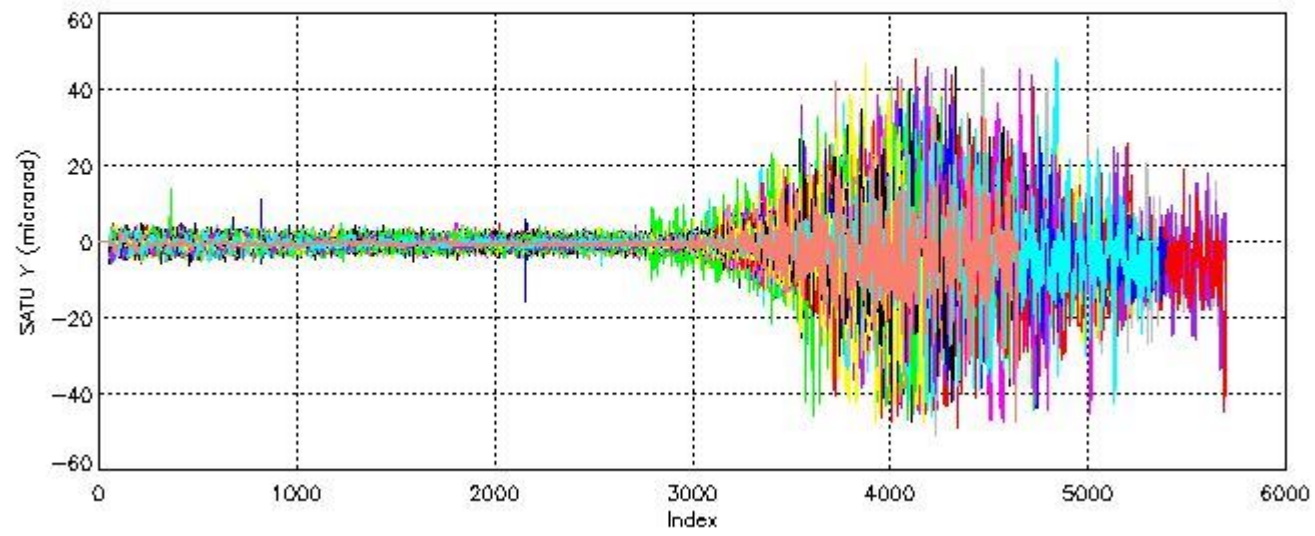
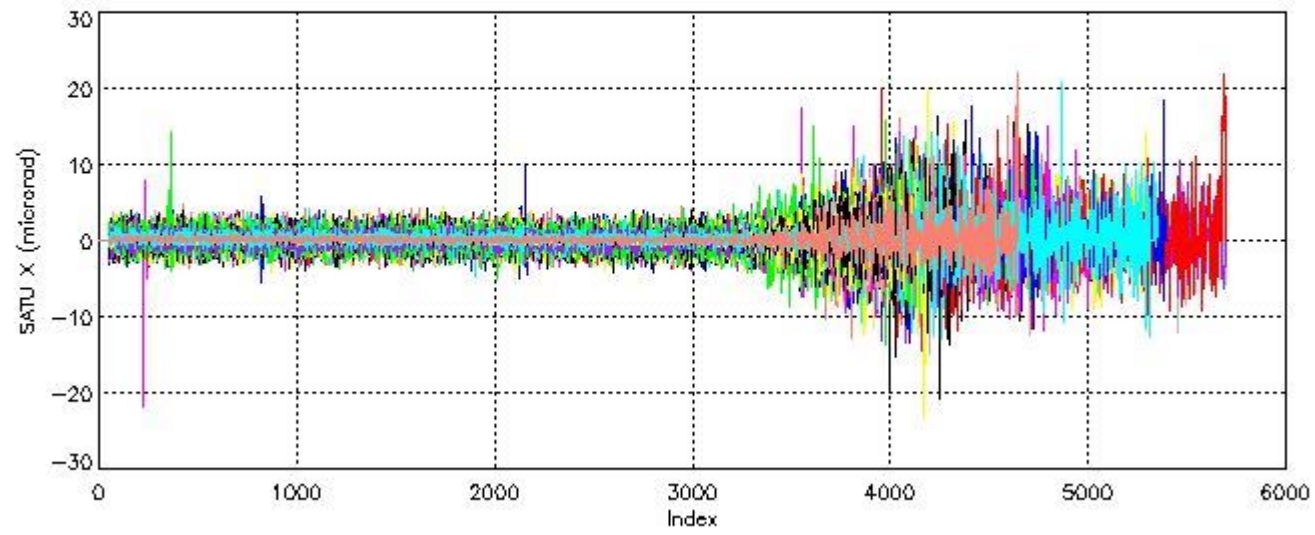


7. Star Acquisition and Tracking Unit (SATU)

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:	0.16788	-0.47247	0.16090	-0.42239
St. deviation:	0.59122	1.0729	0.53831	0.90987
Maximum:	14.200	13.500	3.3000	3.5000
Minimum:	-21.900	-6.2000	-3.1000	-5.2000

Number of data:	48100.	48100.	45700.	45700.
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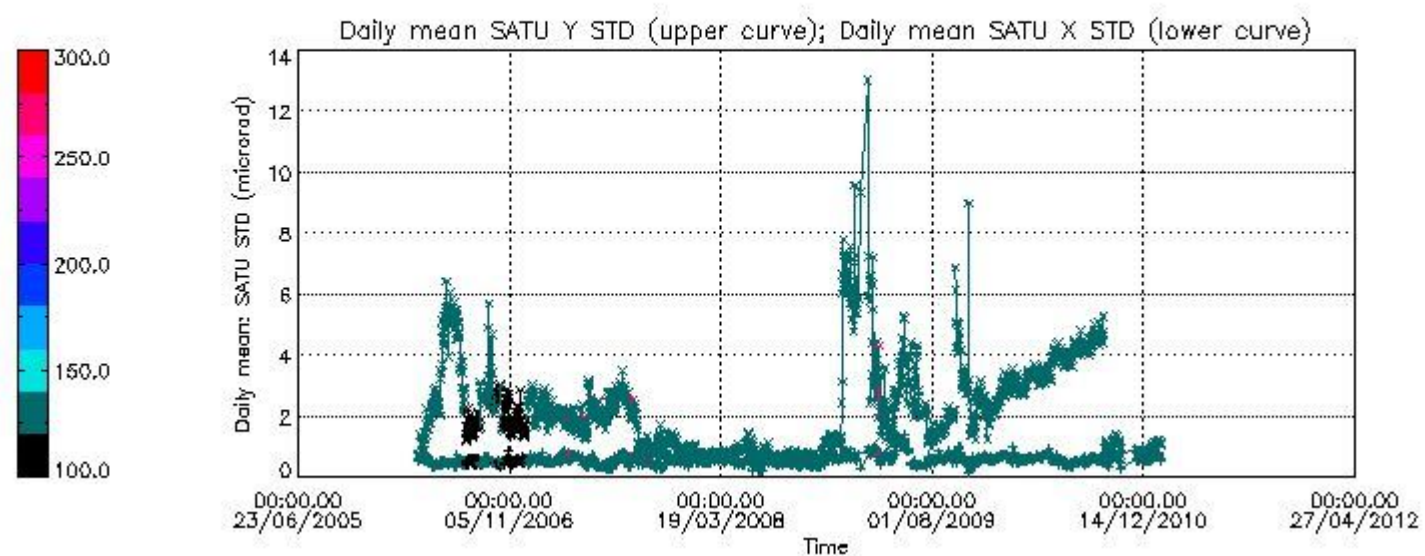
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

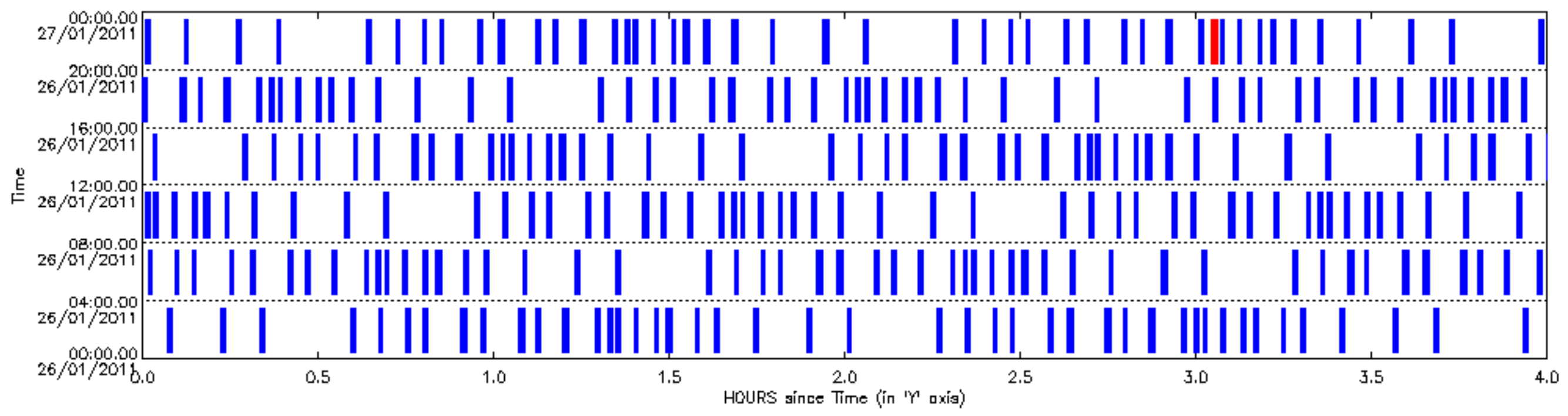
Lower curve: STD of SATU X axis

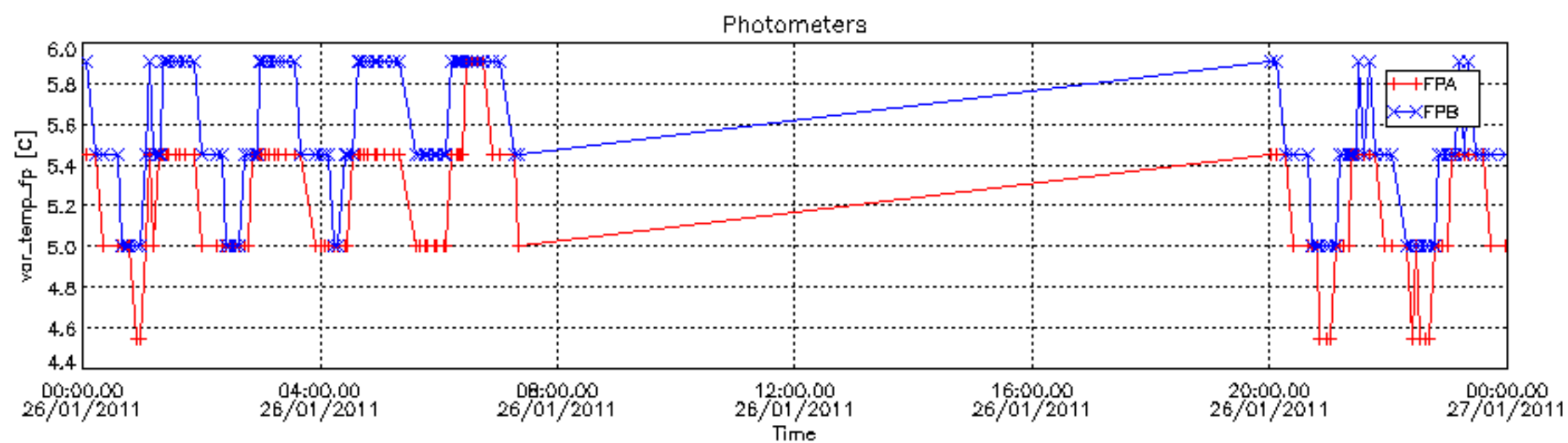
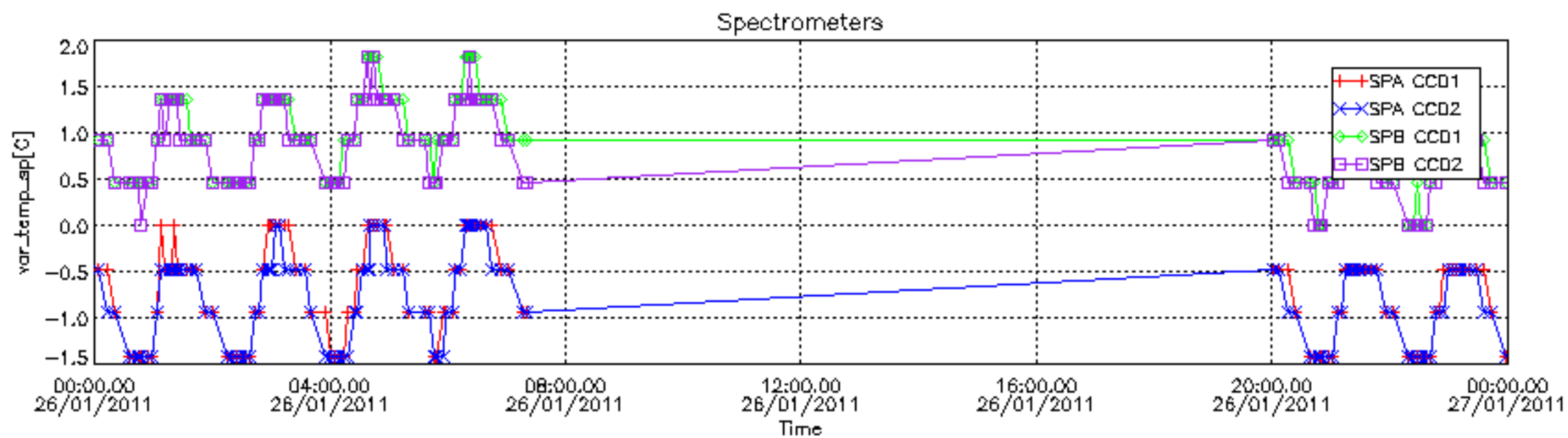


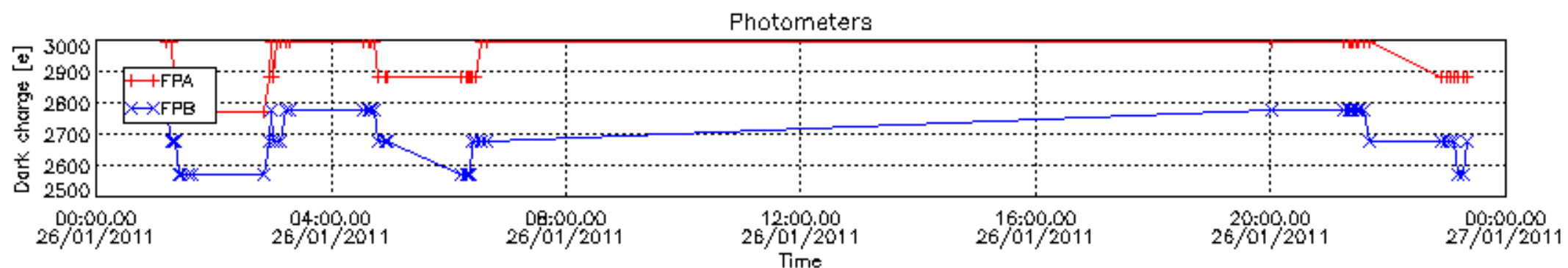
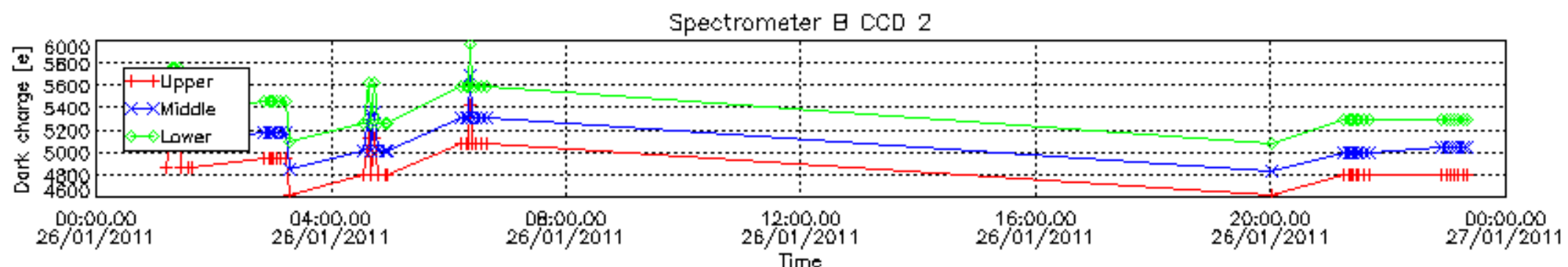
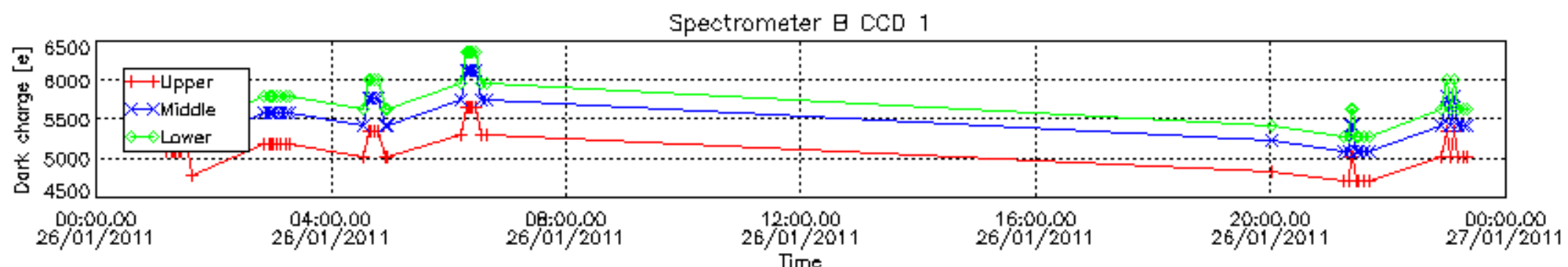
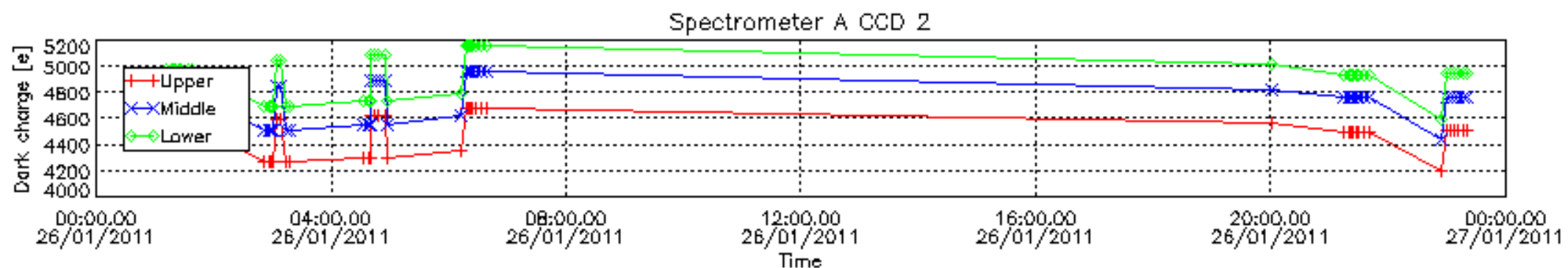
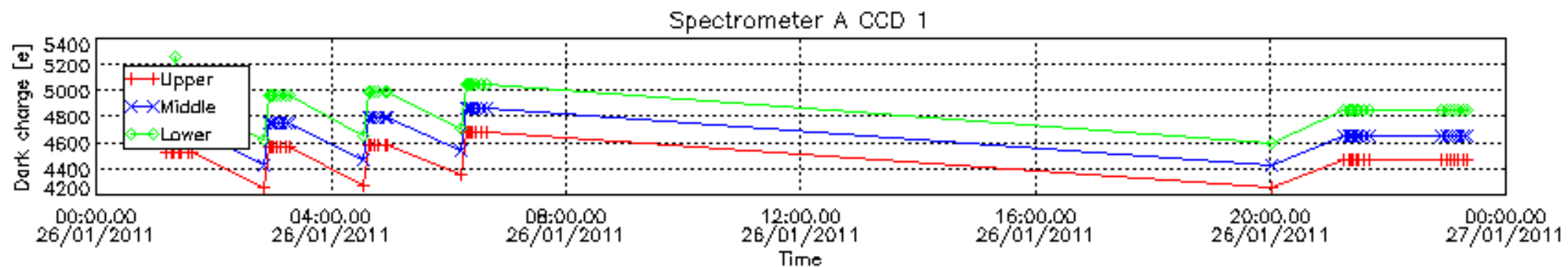
8. Auxiliary Data Files used for the production reported in section 2.4

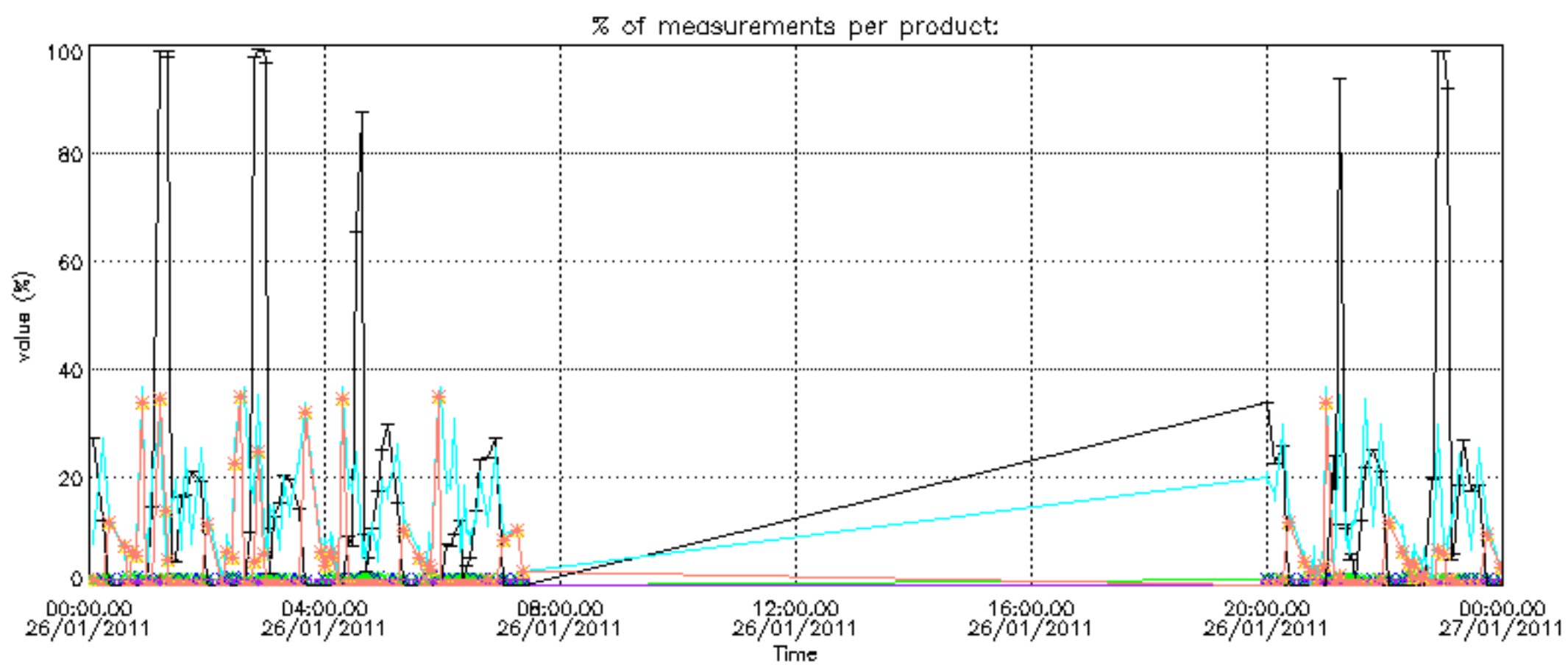
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	26-JAN-2011 00:04:11
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110125_110046_20110123_000000_20500101_000000	1	26-JAN-2011 00:04:11
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	26-JAN-2011 00:04:11
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	26-JAN-2011 00:04:11
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	26-JAN-2011 00:04:11
ECMWF_FILE	AUX_ECF_AXNECM20110125_052116_20110125_210000_20110126_090000	1	26-JAN-2011 00:04:11
ECMWF_FILE	AUX_ECF_AXNECM20110125_172115_20110126_030000_20110126_150000	43	26-JAN-2011 04:00:52
ECMWF_FILE	AUX_ECF_AXNECM20110126_052115_20110126_150000_20110127_030000	82	26-JAN-2011 20:00:22
ECMWF_FILE	AUX_ECF_AXNECM20110126_052115_20110126_210000_20110127_090000	92	26-JAN-2011 21:07:09
OPTIONAL_ECMWF_FILE	MISSING	1	26-JAN-2011 00:04:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110125_232520_000057383099_00001_46567_2398.N1	1	26-JAN-2011 00:04:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110126_010617_000098823099_00002_46568_2399.N1	11	26-JAN-2011 01:07:15
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110125_102115_20110124_191612_20110203_213004	43	26-JAN-2011 04:00:52
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110126_054234_000054193099_00005_46571_2401.N1	63	26-JAN-2011 05:45:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110126_195241_000038253099_00014_46580_2402.N1	82	26-JAN-2011 20:00:22
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110126_210145_000060573099_00014_46580_2403.N1	92	26-JAN-2011 21:07:09
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110126_224801_000057383099_00015_46581_2404.N1	113	26-JAN-2011 22:54:55

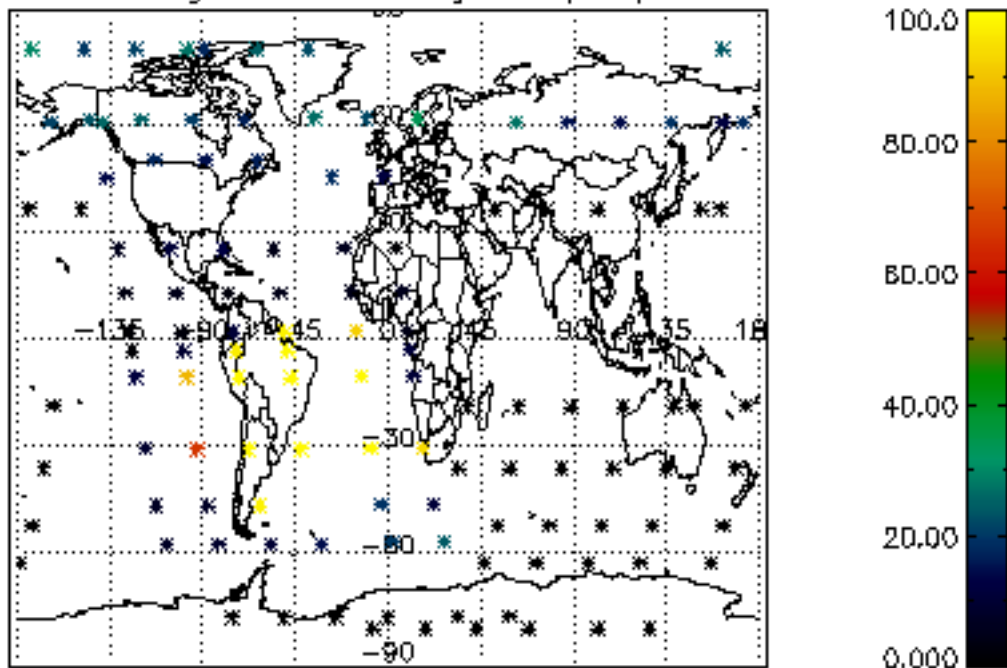




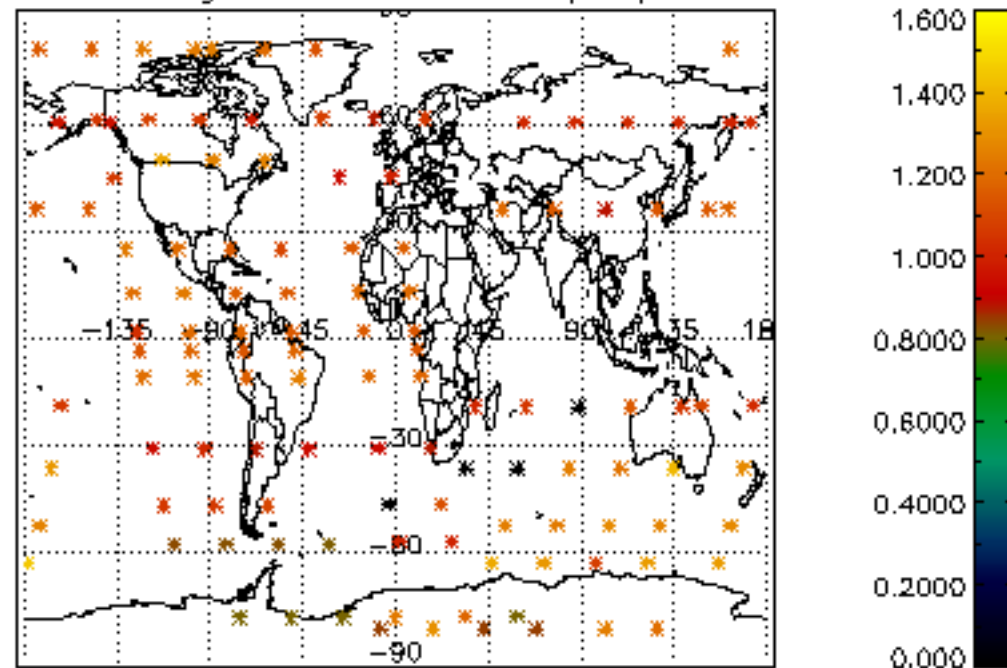




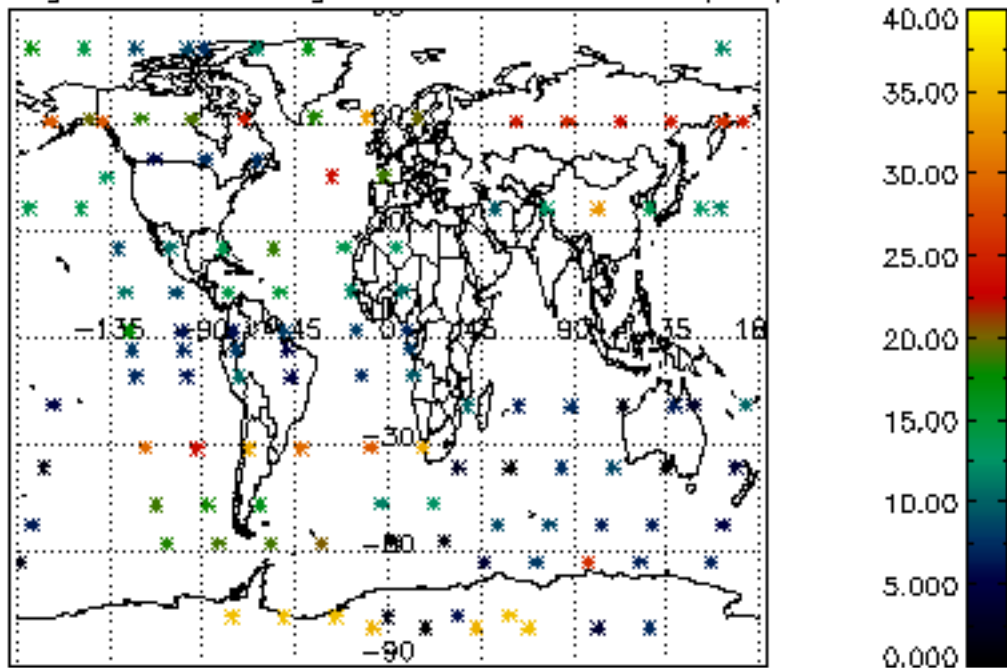
Percentage of cosmic ray hits per profile



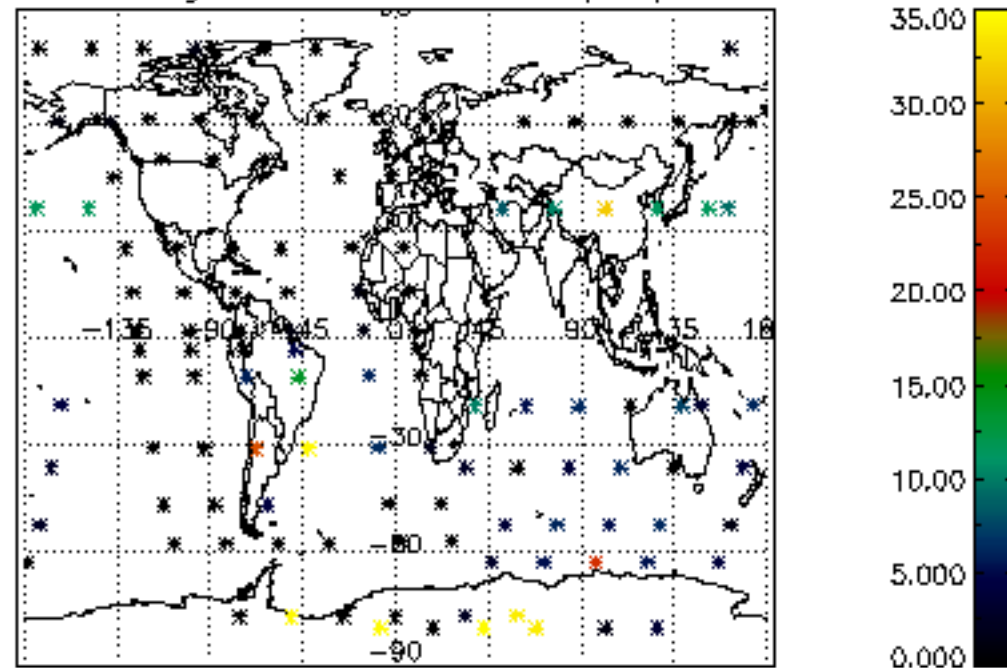
Percentage of datation errors per profile



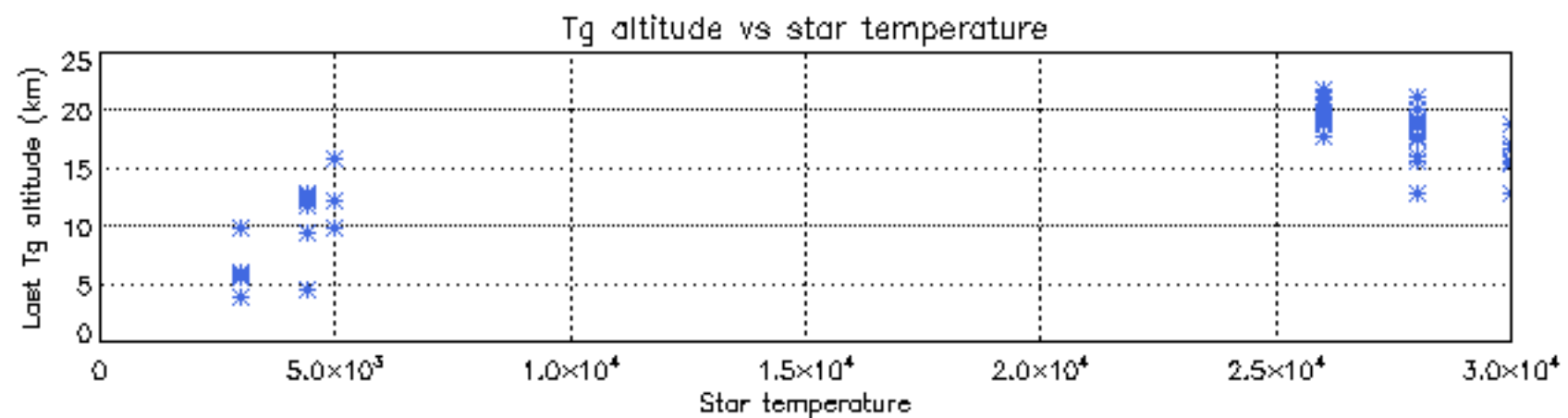
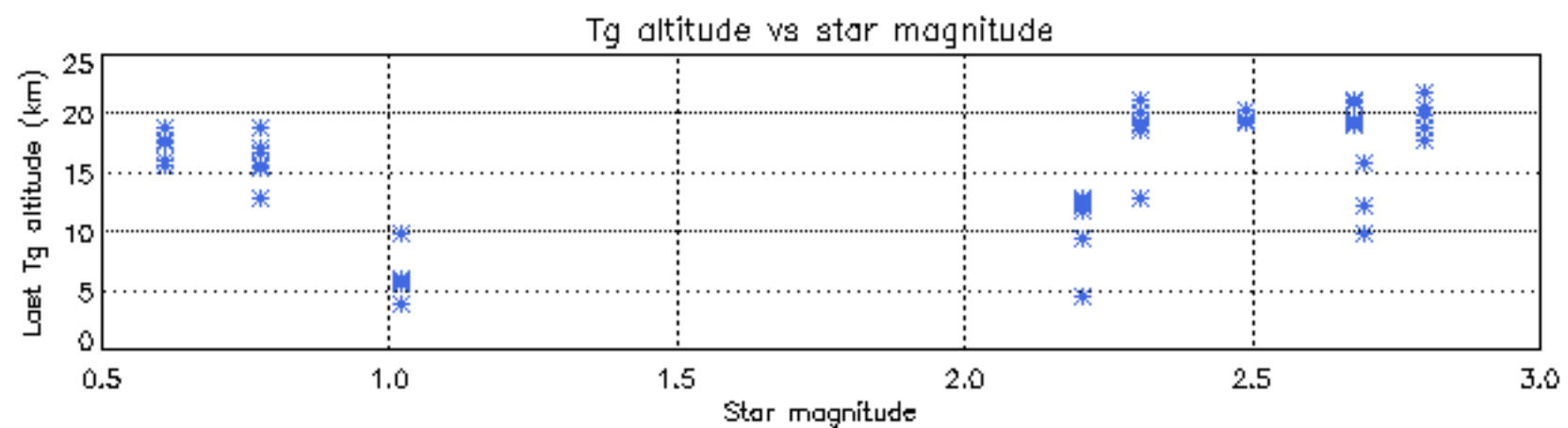
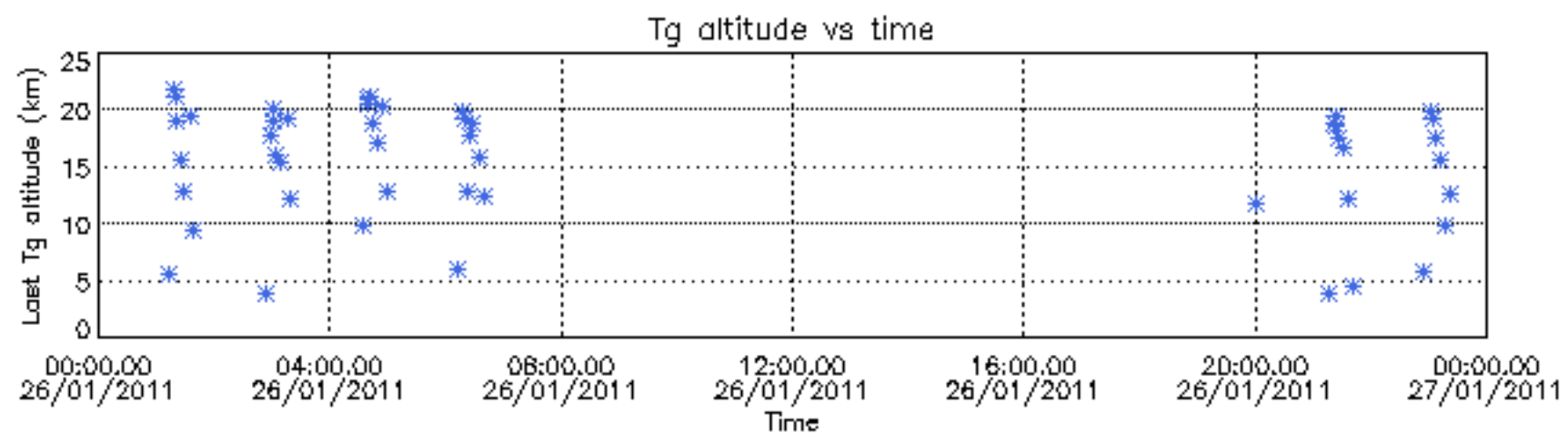
Percentage of star falling outside central band per profile



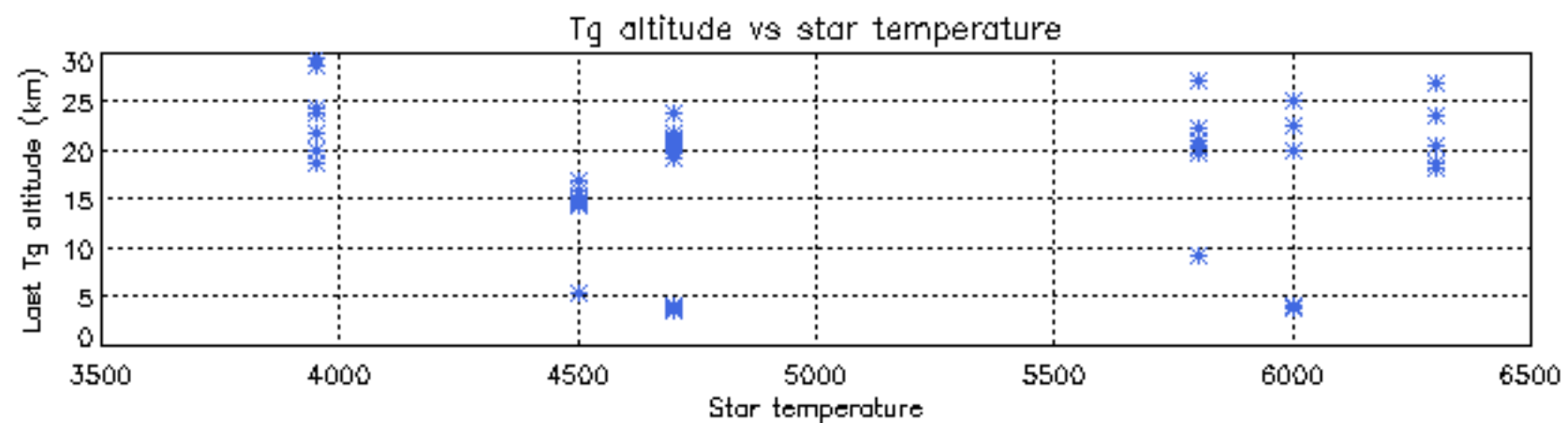
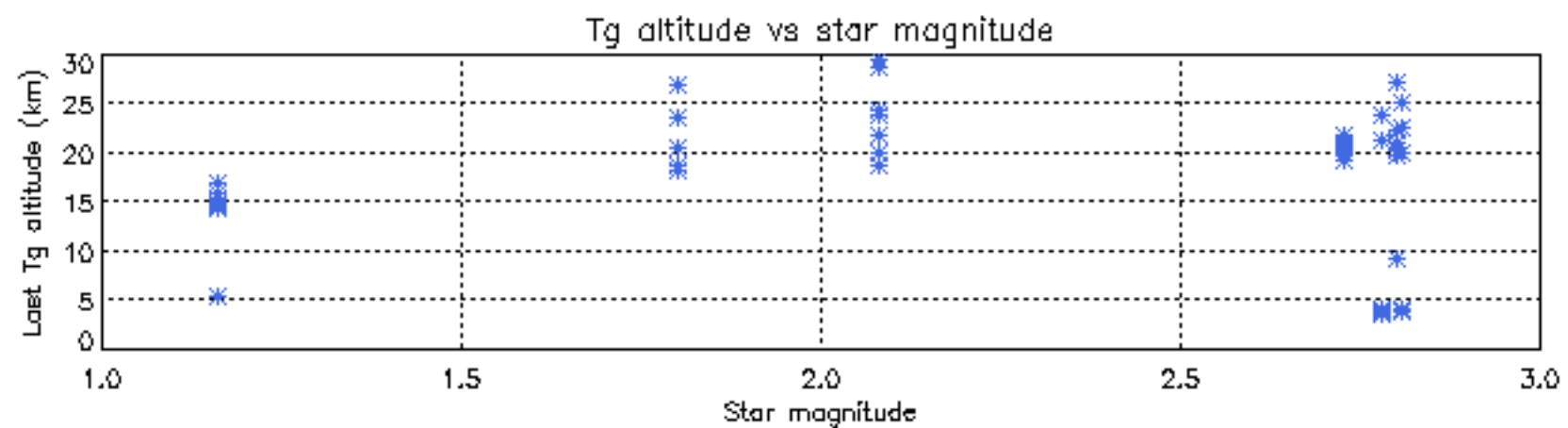
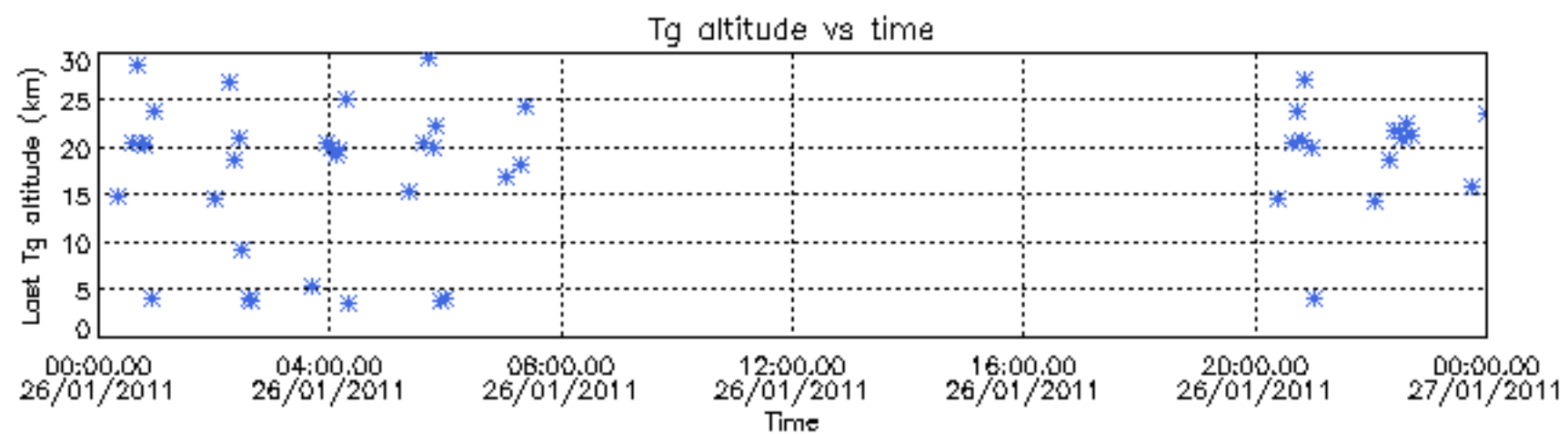
Percentage of saturation errors per profile

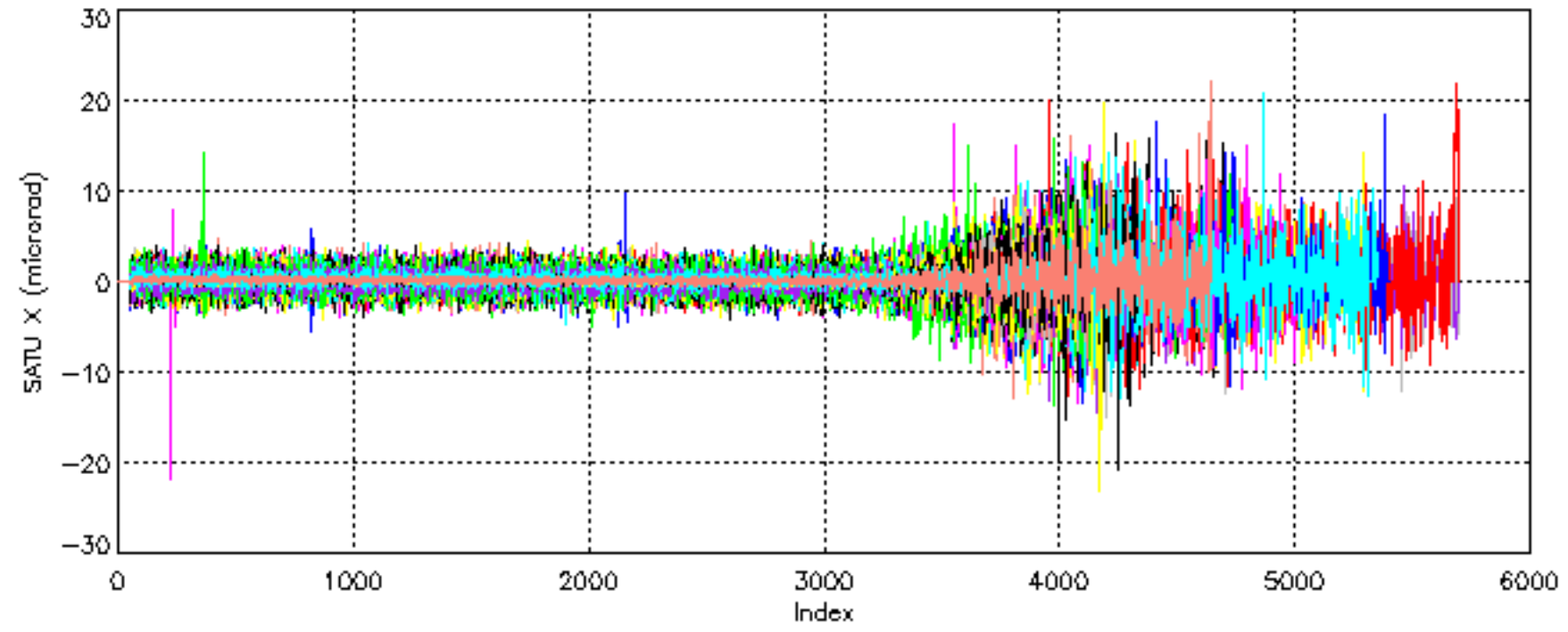


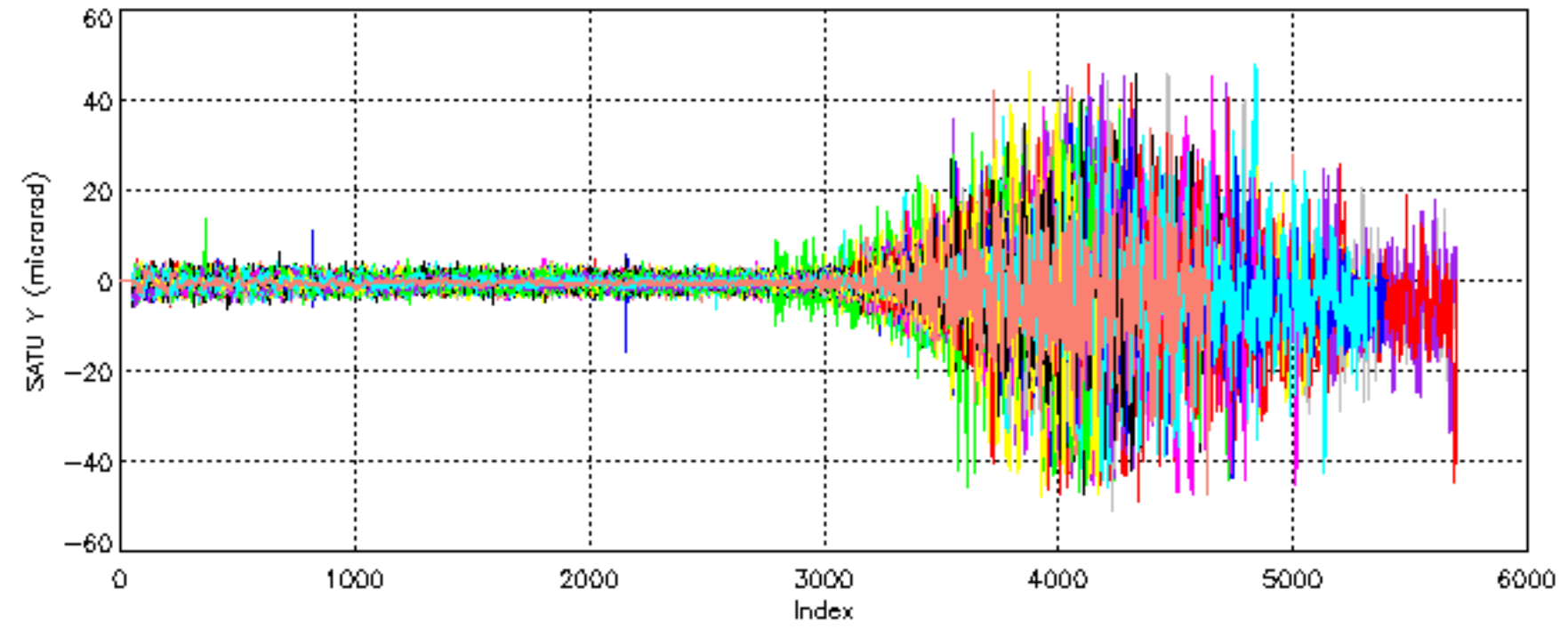
Tangent altitude at which the star is lost

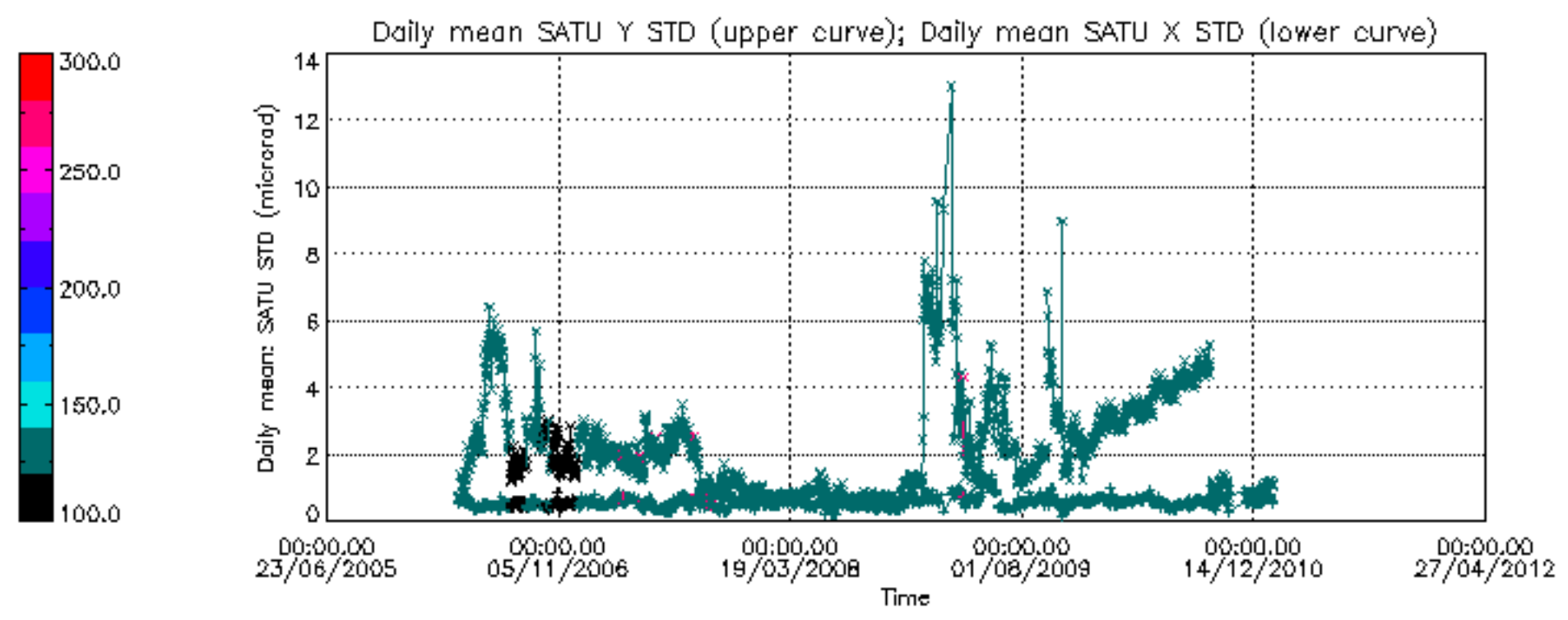


Tangent altitude at which the star is lost









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1;	-684.4;	01-JAN-2011	01:25:08;	Dark	;	45.0;	122;	9Alp2Lib	;	2.75;	9700;	occ;	90;	0;	46209
2;	-272.2;	01-JAN-2011	01:32:00;	Dark	;	43.0;	54;	5The Cen	;	2.06;	4500;	occ;	86;	0;	46209
3;	-3.0;	01-JAN-2011	01:36:29;	Dark	;	40.5;	77;	Eps Cen	;	2.30;	28000;	occ;	81;	0;	46210
4;	102.2;	01-JAN-2011	01:38:14;	Dark	;	45.0;	64;	Gam Cen	;	2.20;	10600;	occ;	90;	0;	46210
5;	211.5;	01-JAN-2011	01:40:04;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46210
6;	470.5;	01-JAN-2011	01:44:23;	Dark	;	48.0;	113;	Mu Vel	;	2.69;	5000;	occ;	96;	0;	46210
7;	623.9;	01-JAN-2011	01:46:56;	Dark	;	48.5;	71;	Iot Car	;	2.25;	7700;	occ;	97;	0;	46210
8;	738.0;	01-JAN-2011	01:48:50;	Dark	;	42.5;	46;	Del Vel	;	1.95;	10600;	occ;	85;	0;	46210
9;	908.3;	01-JAN-2011	01:51:41;	Dark	;	48.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	97;	0;	46210
10;	1039.2;	01-JAN-2011	01:53:52;	Dark	;	49.5;	70;	Zet Pup	;	2.25;	39000;	occ;	99;	0;	46210
11;	1163.5;	01-JAN-2011	01:55:56;	Dark	;	49.0;	117;	Pi Pup	;	2.71;	3800;	occ;	98;	0;	46210
12;	1330.9;	01-JAN-2011	01:58:43;	Dark	;	47.0;	23;	21Eps CMA	;	1.50;	26000;	occ;	94;	0;	46210
13;	1423.0;	01-JAN-2011	02:00:15;	Dark	;	45.0;	179;	240mi2CMA	;	3.03;	24000;	occ;	90;	0;	46210
14;	1570.3;	01-JAN-2011	02:02:43;	Dark	;	53.0;	1;	9Alp CMA	;	-1.44;	11000;	occ;	106;	0;	46210
15;	1719.7;	01-JAN-2011	02:05:12;	Dark	;	42.5;	56;	53Kap Ori	;	2.07;	30000;	occ;	85;	0;	46210
16;	1869.3;	01-JAN-2011	02:07:42;	Dark	;	45.5;	30;	46Eps Ori	;	1.69;	30000;	occ;	91;	0;	46210
17;	2019.8;	01-JAN-2011	02:10:12;	Dark	;	55.0;	14;	58Alp Ori	;	0.87;	3000;	occ;	110;	0;	46210
18;	2214.1;	01-JAN-2011	02:13:26;	Dark	;	48.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	97;	0;	46210
19;	2312.3;	01-JAN-2011	02:15:05;	Bright;	;	48.0;	151;	13Mu Gem	;	2.89;	3000;	occ;	96;	0;	46210
20;	2551.7;	01-JAN-2011	02:19:04;	Bright;	;	39.0;	107;	37The Aur	;	2.65;	11000;	occ;	78;	0;	46210
21;	2677.4;	01-JAN-2011	02:21:10;	Bright;	;	40.5;	6;	13Alp Aur	;	0.08;	3400;	occ;	81;	0;	46210
22;	3671.8;	01-JAN-2011	02:37:44;	Bright;	;	55.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	110;	0;	46210
23;	3889.5;	01-JAN-2011	02:41:22;	Bright;	;	48.0;	32;	77Eps UMa	;	1.76;	11000;	occ;	96;	0;	46210
24;	4086.7;	01-JAN-2011	02:44:39;	Bright;	;	66.0;	39;	85Eta UMa	;	1.85;	24000;	occ;	132;	0;	46210
25;	4331.1;	01-JAN-2011	02:48:43;	Bright;	;	40.0;	180;	27Gam Boo	;	3.04;	8000;	occ;	80;	0;	46210
26;	4552.2;	01-JAN-2011	02:52:24;	Bright;	;	62.0;	83;		;	2.38;	11000;	occ;	124;	0;	46210
27;	4747.8;	01-JAN-2011	02:55:40;	Bright;	;	54.0;	3;	16Alp Boo	;	-0.05;	4250;	occ;	108;	0;	46210
28;	4868.3;	01-JAN-2011	02:57:41;	Bright;	;	54.0;	102;	24Alp Ser	;	2.60;	4250;	occ;	108;	0;	46210
29;	5171.3;	01-JAN-2011	03:02:44;	Bright;	;	56.0;	104;	27Bet Lib	;	2.61;	13100;	occ;	112;	0;	46210
30;	5330.2;	01-JAN-2011	03:05:23;	Dark	;	44.5;	122;	9Alp2Lib	;	2.75;	9700;	occ;	89;	0;	46210
31;	5742.5;	01-JAN-2011	03:12:15;	Dark	;	49.0;	54;	5The Cen	;	2.06;	4500;	occ;	98;	0;	46210
32;	5907.7;	01-JAN-2011	03:15:00;	Dark	;	40.0;	95;	Zet Cen	;	2.55;	26000;	occ;	80;	0;	46210
33;	6011.7;	01-JAN-2011	03:16:44;	Dark	;	39.5;	77;	Eps Cen	;	2.30;	28000;	occ;	79;	0;	46211
34;	6117.0;	01-JAN-2011	03:18:29;	Dark	;	45.0;	64;	Gam Cen	;	2.20;	10600;	occ;	90;	0;	46211
35;	6226.4;	01-JAN-2011	03:20:19;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46211
36;	6485.7;	01-JAN-2011	03:24:38;	Dark	;	49.0;	113;	Mu Vel	;	2.69;	5000;	occ;	98;	0;	46211
37;	6638.6;	01-JAN-2011	03:27:11;	Dark	;	42.5;	71;	Iot Car	;	2.25;	7700;	occ;	85;	0;	46211
38;	6752.6;	01-JAN-2011	03:29:05;	Dark	;	45.0;	46;	Del Vel	;	1.95;	10600;	occ;	90;	0;	46211
39;	6923.2;	01-JAN-2011	03:31:56;	Dark	;	46.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	93;	0;	46211
40;	7054.0;	01-JAN-2011	03:34:06;	Dark	;	45.5;	70;	Zet Pup	;	2.25;	39000;	occ;	91;	0;	46211
41;	7178.0;	01-JAN-2011	03:36:10;	Dark	;	47.0;	117;	Pi Pup	;	2.71;	3800;	occ;	94;	0;	46211
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43;	7437.3;	01-JAN-2011	03:40:30;	Dark	;	46.0;	179;	240mi2CMA	;	3.03;	24000;	occ;	92;	0;	46211
44;	7584.6;	01-JAN-2011	03:42:57;	Dark	;	53.0;	1;	9Alp CMA	;	-1.44;	11000;	occ;	106;	0;	46211
45;	7733.8;	01-JAN-2011	03:45:26;	Dark	;	44.0;	56;	53Kap Ori	;	2.07;	30000;	occ;	88;	0;	46211
46;	7883.6;	01-JAN-2011	03:47:56;	Dark	;	44.5;	30;	46Eps Ori	;	1.69;	30000;	occ;	89;	0;	46211
47;	8034.0;	01-JAN-2011	03:50:26;	Dark	;	55.0;	14;	58Alp Ori	;	0.87;	3000;	occ;	110;	0;	46211
48;	8228.0;	01-JAN-2011	03:53:40;	Dark	;	44.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	89;	0;	46211
49;	8326.2;	01-JAN-2011	03:55:18;	Bright;	;	43.5;	151;	13Mu Gem	;	2.89;	3000;	occ;	87;	0;	46211
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51;	8691.4;	01-JAN-2011	04:01:24;	Bright;	;	41.0;	6;	13Alp Aur	;	0.08;	3400;	occ;	82;	0;	46211

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1;	-2342.4;	01-JAN-2011	04:17:58;	Bright;	;	39.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	78;	0;	46211
2;	-2124.9;	01-JAN-2011	04:21:36;	Bright;	;	47.5;	32;	77Eps UMa	;	1.76;	11000;	occ;	95;	0;	46211
3;	-1927.5;	01-JAN-2011	04:24:53;	Bright;	;	45.0;	39;	85Eta UMa	;	1.85;	24000;	occ;	90;	0;	46211
4;	-1683.0;	01-JAN-2011	04:28:57;	Bright;	;	42.5;	180;	27Gam Boo	;	3.04;	8000;	occ;	85;	0;	46211
5;	-1461.7;	01-JAN-2011	04:32:39;	Bright;	;	44.0;	83;		;	2.38;	11000;	occ;	88;	0;	46211
6;	-1265.7;	01-JAN-2011	04:35:55;	Bright;	;	54.0;	3;	16Alp Boo	;	-0.05;	4250;	occ;	108;	0;	46211
7;	-1145.5;	01-JAN-2011	04:37:55;	Bright;	;	54.0;	102;	24Alp Ser	;	2.60;	4250;	occ;	108;	0;	46211
8;	-842.3;	01-JAN-2011	04:42:58;	Bright;	;	56.0;	104;	27Bet Lib	;	2.61;	13100;	occ;	112;	0;	46211
9;	-683.2;	01-JAN-2011	04:45:37;	Dark	;	45.5;	122;	9Alp2Lib	;	2.75;	9700;	occ;	91;	0;	46211
10;	-270.8;	01-JAN-2011	04:52:30;	Dark	;	47.0;	54;	5The Cen	;	2.06;	4500;	occ;	94;	0;	46211
11;	-105.9;	01-JAN-2011	04:55:15;	Dark	;	41.5;	95;	Zet Cen	;	2.55;	26000;	occ;	83;	0;	46211
12;	-1.7;	01-JAN-2011	04:56:59;	Dark	;	40.0;	77;	Eps Cen	;	2.30;	28000;	occ;	80;	0;	46212
13;	103.9;	01-JAN-2011	04:58:44;	Dark	;	44.0;	64;	Gam Cen	;	2.20;	10600;	occ;	88;	0;	46212
14;	213.3;	01-JAN-2011	05:00:34;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46212
15;	472.3;	01-JAN-2011	05:04:53;	Dark	;	48.5;	113;	Mu Vel	;	2.69;	5000;	occ;	97;	0;	46212

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17; 739.0; 01-JAN-2011 05:09:19; Dark ; 42.0; 46; Del Vel ; 1.95; 10600;occ; 84; 0;46212
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19; 1040.6; 01-JAN-2011 05:14:21; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;46212
20; 1164.3; 01-JAN-2011 05:16:25; Dark ; 48.5; 117; Pi Pup ; 2.71; 3800;occ; 97; 0;46212
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23; 1570.7; 01-JAN-2011 05:23:11; Dark ; 54.0; 1; 9Alp CMA ; -1.44; 11000;occ; 108; 0;46212
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25; 1869.6; 01-JAN-2011 05:28:10; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;46212
26; 2019.7; 01-JAN-2011 05:30:40; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;46212
27; 2213.8; 01-JAN-2011 05:33:54; Dark ; 52.5; 44; 24Gam Gem ; 1.93; 11000;occ; 105; 0;46212
28; 2312.0; 01-JAN-2011 05:35:32; Bright; 60.0; 151; 13Mu Gem ; 2.89; 3000;occ; 120; 0;46212
29; 2551.3; 01-JAN-2011 05:39:32; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;46212
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31; 3671.7; 01-JAN-2011 05:58:12; Bright; 11.5; 60; 7Bet UMi ; 2.08; 3950;occ; 23; 0;46212
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2; 1045.1; 01-JAN-2011 20:16:32; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;46221
3; 1167.5; 01-JAN-2011 20:18:34; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;46221
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5; 1425.5; 01-JAN-2011 20:22:52; Dark ; 46.0; 179; 240mi2CMA ; 3.03; 24000;occ; 92; 0;46221
6; 1571.8; 01-JAN-2011 20:25:19; Dark ; 51.5; 1; 9Alp CMA ; -1.44; 11000;occ; 103; 0;46221
7; 1720.8; 01-JAN-2011 20:27:48; Dark ; 44.0; 56; 53Kap Ori ; 2.07; 30000;occ; 88; 0;46221
8; 1856.3; 01-JAN-2011 20:30:03; Dark ; 44.5; 33; 50Zet Ori ; 1.77; 30000;occ; 89; 0;46221
9; 2019.3; 01-JAN-2011 20:32:46; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;46221
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11; 2309.2; 01-JAN-2011 20:37:36; Bright; 45.0; 151; 13Mu Gem ; 2.89; 3000;occ; 90; 0;46221
12; 2549.2; 01-JAN-2011 20:41:36; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46221
13; 2676.5; 01-JAN-2011 20:43:43; Bright; 41.5; 6; 13Alp Aur ; 0.08; 3400;occ; 83; 0;46221
14; 3670.6; 01-JAN-2011 21:00:17; Bright; 55.0; 60; 7Bet UMi ; 2.08; 3950;occ; 110; 0;46221
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19; 4752.6; 01-JAN-2011 21:18:19; Bright; 54.5; 3; 16Alp Boo ; -0.05; 4250;occ; 109; 0;46221
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5; 4.0; 01-JAN-2011 21:39:25; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;46222
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7; 222.6; 01-JAN-2011 21:43:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46222
8; 481.3; 01-JAN-2011 21:47:22; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;46222
9; 630.4; 01-JAN-2011 21:49:51; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;46222
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12; 1045.6; 01-JAN-2011 21:56:46; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;46222
13; 1167.9; 01-JAN-2011 21:58:49; Dark ; 45.5; 117; Pi Pup ; 2.71; 3800;occ; 91; 0;46222
14; 1334.3; 01-JAN-2011 22:01:35; Dark ; 49.0; 23; 21Eps CMA ; 1.50; 26000;occ; 98; 0;46222
15; 1425.7; 01-JAN-2011 22:03:06; Dark ; 44.0; 179; 240mi2CMA ; 3.03; 24000;occ; 88; 0;46222
16; 1571.8; 01-JAN-2011 22:05:33; Dark ; 57.0; 1; 9Alp CMA ; -1.44; 11000;occ; 114; 0;46222
17; 1721.0; 01-JAN-2011 22:08:02; Dark ; 41.5; 56; 53Kap Ori ; 2.07; 30000;occ; 83; 0;46222
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24; 3670.6; 01-JAN-2011 22:40:31; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;46222
25; 3884.4; 01-JAN-2011 22:44:05; Bright; 46.0; 32; 77Eps UMa ; 1.76; 11000;occ; 92; 0;46222
26; 4084.2; 01-JAN-2011 22:47:25; Bright; 67.0; 39; 85Eta UMa ; 1.85; 24000;occ; 134; 0;46222
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13; 1345.6; 05-JAN-2011 01:12:17; Dark ; 44.0; 23; 21Eps CMa ; 1.50; 26000;occ; 88; 0;46267
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16; 2017.9; 05-JAN-2011 01:23:29; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;46267
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23; 4073.5; 05-JAN-2011 01:57:45; Bright; 45.5; 39; 85Eta UMa ; 1.85; 24000;occ; 91; 0;46267
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15;	1435.5;	05-JAN-2011	02:54:01;	Dark	;	45.5;	179;	240mi2CMA	;	3.03;	24000;occ;	91;	0;	46268
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21;	2672.2;	05-JAN-2011	03:14:38;	Bright;	;	38.0;	42;	34Bet Aur	;	1.90;	10200;occ;	76;	0;	46268
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7;	-814.4;	05-JAN-2011	03:56:45;	Bright;	;	45.5;	104;	27Bet Lib	;	2.61;	13100;occ;	91;	0;	46268
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17;	1068.1;	05-JAN-2011	04:28:08;	Dark	;	44.5;	70;	Zet Pup	;	2.25;	39000;occ;	89;	0;	46269
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19;	1346.4;	05-JAN-2011	04:32:46;	Dark	;	44.5;	23;	21Eps CMA	;	1.50;	26000;occ;	89;	0;	46269
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23;	2197.8;	05-JAN-2011	04:46:57;	Dark	;	47.0;	44;	24Gam Gem	;	1.93;	11000;occ;	94;	0;	46269
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 16; 1579.6; 06-JAN-2011 02:19:41; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;46282
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