

# GOMOS Daily Report 31-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 07:05:18
Data source version	GOMOS/5.01
Start time of products	31MAY2011 00:00:15
Stop time of products	31MAY2011 23:55:46
Store outputs in DB	Yes
Nb of level 1b prods	306
Nb of prods with errors	2

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

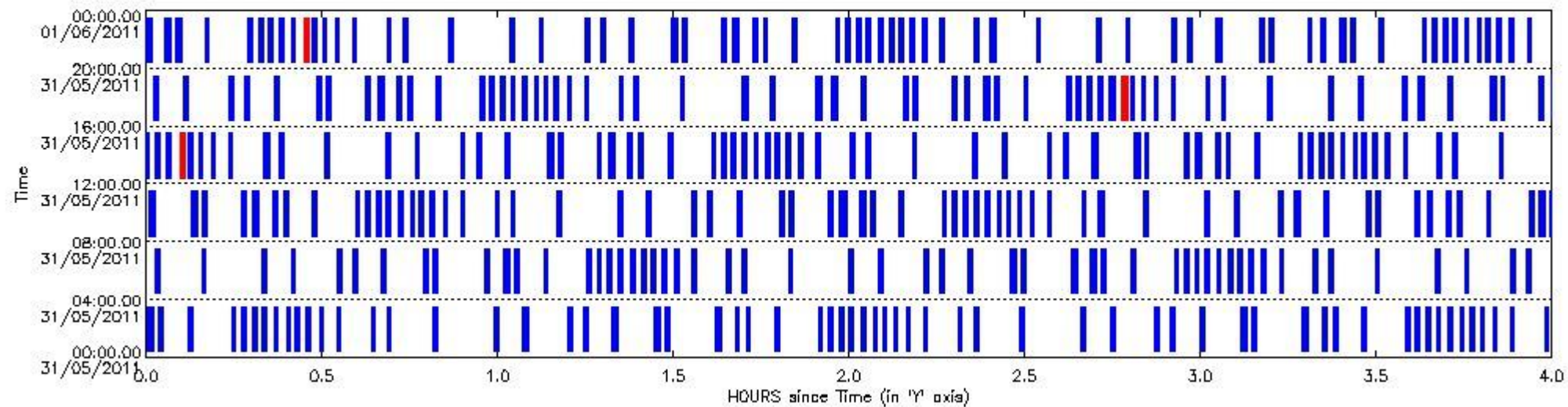
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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)

UTC start time	Star name	Star ID	Orbit
31-MAY-2011 12:05:40	7DelSco	80	48371
31-MAY-2011 18:46:37	7DelSco	80	48375
31-MAY-2011 20:26:51	7DelSco	80	48376

### 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_1PNPDE20110531_000015_000000633103_00074_48364_1125.N1	31-MAY-2011 00:00:15	Dark	63.000	63	Bet Gru	2.1500	2800.0	126	48364	No
2	GOM_TRA_1PNPDE20110531_000206_000000463103_00074_48364_1126.N1	31-MAY-2011 00:02:06	Dark	46.000	31	Alp Gru	1.7340	15200.	92	48364	No
3	GOM_TRA_1PNPDE20110531_000706_000000433103_00074_48364_1127.N1	31-MAY-2011 00:07:06	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48364	No
4	GOM_TRA_1PNPDE20110531_001432_000000423103_00074_48364_1128.N1	31-MAY-2011 00:14:32	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48364	No
5	GOM_TRA_1PNPDE20110531_001613_000000463103_00074_48364_1129.N1	31-MAY-2011 00:16:13	Straylight	46.000	40	The Sco	1.8590	7100.0	92	48364	No
6	GOM_TRA_1PNPDE20110531_001800_000000503103_00074_48364_1130.N1	31-MAY-2011 00:18:00	Twilight_stray	49.500	25	35Lam Sco	1.6200	28000.	99	48364	No
7	GOM_TRA_1PNPDE20110531_001947_000000463103_00074_48364_1131.N1	31-MAY-2011 00:19:47	Twilight_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	48364	No
8	GOM_TRA_1PNPDE20110531_002149_000000433103_00074_48364_1132.N1	31-MAY-2011 00:21:49	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	48364	No

9	GOM_TRA_1PNPDE20110531_002354_000000413103_00074_48364_1133.N1	31-MAY-2011 00:23:54	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48364	No
10	GOM_TRA_1PNPDE20110531_002527_000000473103_00074_48364_1134.N1	31-MAY-2011 00:25:27	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48364	No
11	GOM_TRA_1PNPDE20110531_002719_000000423103_00074_48364_1135.N1	31-MAY-2011 00:27:19	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48364	No
12	GOM_TRA_1PNPDE20110531_002930_000000403103_00074_48364_1136.N1	31-MAY-2011 00:29:30	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48364	No
13	GOM_TRA_1PNPDE20110531_003230_000000373103_00074_48364_1137.N1	31-MAY-2011 00:32:30	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48364	No
14	GOM_TRA_1PNPDE20110531_003824_000000373103_00074_48364_1138.N1	31-MAY-2011 00:38:24	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48364	No
15	GOM_TRA_1PNPDE20110531_004104_000000423103_00074_48364_1139.N1	31-MAY-2011 00:41:04	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	48364	No
16	GOM_TRA_1PNPDE20110531_004858_000000393103_00074_48364_1140.N1	31-MAY-2011 00:48:58	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	48364	No
17	GOM_TRA_1PNPDE20110531_005919_000000473103_00074_48364_1141.N1	31-MAY-2011 00:59:19	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48364	No
18	GOM_TRA_1PNPDE20110531_010417_000000563103_00074_48364_1142.N1	31-MAY-2011 01:04:17	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48364	No
19	GOM_TRA_1PNPDE20110531_011159_000000433103_00074_48364_1143.N1	31-MAY-2011 01:11:59	Bright	42.500	53	43Bet And	2.0480	3300.0	85	48364	No
20	GOM_TRA_1PNPDE20110531_011439_000000513103_00074_48364_1144.N1	31-MAY-2011 01:14:39	Tw_i_and_stray	51.000	58	21Alp And	2.0730	11000.	102	48364	No
21	GOM_TRA_1PNPDE20110531_011933_000000533103_00074_48364_1145.N1	31-MAY-2011 01:19:33	Dark	52.500	140	88Gam Peg	2.8340	26000.	105	48364	No
22	GOM_TRA_1PNPDE20110531_012832_000000473103_00074_48364_1171.N1	31-MAY-2011 01:28:32	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48364	No
23	GOM_TRA_1PNPDE20110531_013708_000000683103_00074_48364_1172.N1	31-MAY-2011 01:37:08	Dark	67.500	18	24Alp PsA	1.1660	9700.0	135	48364	No
24	GOM_TRA_1PNPDE20110531_014030_000000473103_00075_48365_1173.N1	31-MAY-2011 01:40:30	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	48365	No
25	GOM_TRA_1PNPDE20110531_014221_000000463103_00075_48365_1174.N1	31-MAY-2011 01:42:21	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48365	No
26	GOM_TRA_1PNPDE20110531_014720_000000433103_00075_48365_1175.N1	31-MAY-2011 01:47:20	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48365	No
27	GOM_TRA_1PNPDE20110531_015447_000000423103_00075_48365_1176.N1	31-MAY-2011 01:54:47	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48365	No
28	GOM_TRA_1PNPDE20110531_015627_000000463103_00075_48365_1177.N1	31-MAY-2011 01:56:27	Straylight	45.500	40	The Sco	1.8590	7100.0	91	48365	No
29	GOM_TRA_1PNPDE20110531_015815_000000483103_00075_48365_1178.N1	31-MAY-2011 01:58:15	Tw_i_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	48365	No
30	GOM_TRA_1PNPDE20110531_020002_000000483103_00075_48365_1179.N1	31-MAY-2011 02:00:02	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	48365	No
31	GOM_TRA_1PNPDE20110531_020203_000000443103_00075_48365_1180.N1	31-MAY-2011 02:02:03	Bright	44.000	136	23Tau Sco	2.8220	30000.	88	48365	No
32	GOM_TRA_1PNPDE20110531_020408_000000423103_00075_48365_1181.N1	31-MAY-2011 02:04:08	Bright	42.000	80	7Del Sco	2.3160	30000.	84	48365	No
33	GOM_TRA_1PNPDE20110531_020541_000000463103_00075_48365_1182.N1	31-MAY-2011 02:05:41	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	48365	No
34	GOM_TRA_1PNPDE20110531_020732_000000433103_00075_48365_1183.N1	31-MAY-2011 02:07:32	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48365	No
35	GOM_TRA_1PNPDE20110531_020944_000000403103_00075_48365_1184.N1	31-MAY-2011 02:09:44	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	48365	No
36	GOM_TRA_1PNPDE20110531_021244_000000373103_00075_48365_1185.N1	31-MAY-2011 02:12:44	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48365	No
37	GOM_TRA_1PNPDE20110531_021837_000000393103_00075_48365_1186.N1	31-MAY-2011 02:18:37	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48365	No
38	GOM_TRA_1PNPDE20110531_022117_000000453103_00075_48365_1187.N1	31-MAY-2011 02:21:17	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	48365	No
39	GOM_TRA_1PNPDE20110531_022911_000000383103_00075_48365_1188.N1	31-MAY-2011 02:29:11	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	48365	No
40	GOM_TRA_1PNPDE20110531_023933_000000463103_00075_48365_1189.N1	31-MAY-2011 02:39:33	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	48365	No
41	GOM_TRA_1PNPDE20110531_024431_000000563103_00075_48365_1190.N1	31-MAY-2011 02:44:31	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48365	No
42	GOM_TRA_1PNPDE20110531_025214_000000423103_00075_48365_1191.N1	31-MAY-2011 02:52:14	Bright	42.000	53	43Bet And	2.0480	3300.0	84	48365	No
43	GOM_TRA_1PNPDE20110531_025453_000000513103_00075_48365_1192.N1	31-MAY-2011 02:54:53	Tw_i_and_stray	50.500	58	21Alp And	2.0730	11000.	101	48365	No
44	GOM_TRA_1PNPDE20110531_025948_000000533103_00075_48365_1193.N1	31-MAY-2011 02:59:48	Dark	52.500	140	88Gam Peg	2.8340	26000.	105	48365	No
45	GOM_TRA_1PNPDE20110531_030847_000000473103_00075_48365_1194.N1	31-MAY-2011 03:08:47	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48365	No
46	GOM_TRA_1PNPDE20110531_031724_000000533103_00075_48365_1195.N1	31-MAY-2011 03:17:24	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	48365	No
47	GOM_TRA_1PNPDE20110531_032044_000000533103_00076_48366_1196.N1	31-MAY-2011 03:20:44	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	48366	No
48	GOM_TRA_1PNPDE20110531_032236_000000473103_00076_48366_1197.N1	31-MAY-2011 03:22:36	Dark	46.500	31	Alp Gru	1.7340	15200.	93	48366	No
49	GOM_TRA_1PNPDE20110531_032735_000000433103_00076_48366_1198.N1	31-MAY-2011 03:27:35	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48366	No
50	GOM_TRA_1PNPDE20110531_033501_000000423103_00076_48366_1199.N1	31-MAY-2011 03:35:01	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48366	No
51	GOM_TRA_1PNPDE20110531_033642_000000453103_00076_48366_1200.N1	31-MAY-2011 03:36:42	Straylight	44.500	40	The Sco	1.8590	7100.0	89	48366	No
52	GOM_TRA_1PNPDE20110531_033829_000000483103_00076_48366_1201.N1	31-MAY-2011 03:38:29	Tw_i_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	48366	No
53	GOM_TRA_1PNPDE20110531_034016_000000463103_00076_48366_1202.N1	31-MAY-2011 03:40:16	Tw_i_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	48366	No
54	GOM_TRA_1PNPDE20110531_034218_000000453103_00076_48366_1203.N1	31-MAY-2011 03:42:18	Bright	44.500	136	23Tau Sco	2.8220	30000.	89	48366	No
55	GOM_TRA_1PNPDE20110531_034423_000000403103_00076_48366_1204.N1	31-MAY-2011 03:44:23	Bright	40.000	80	7Del Sco	2.3160	30000.	80	48366	No
56	GOM_TRA_1PNPDE20110531_034555_000000483103_00076_48366_1205.N1	31-MAY-2011 03:45:55	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	48366	No
57	GOM_TRA_1PNPDE20110531_034747_000000423103_00076_48366_1206.N1	31-MAY-2011 03:47:47	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48366	No
58	GOM_TRA_1PNPDE20110531_034958_000000403103_00076_48366_1207.N1	31-MAY-2011 03:49:58	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	48366	No
59	GOM_TRA_1PNPDE20110531_035258_000000373103_00076_48366_1208.N1	31-MAY-2011 03:52:58	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48366	No
60	GOM_TRA_1PNPDE20110531_035851_000000393103_00076_48366_1209.N1	31-MAY-2011 03:58:51	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48366	No
61	GOM_TRA_1PNPDE20110531_040131_000000433103_00076_48366_1210.N1	31-MAY-2011 04:01:31	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	48366	No
62	GOM_TRA_1PNPDE20110531_040925_000000403103_00076_48366_1211.N1	31-MAY-2011 04:09:25	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48366	No
63	GOM_TRA_1PNPDE20110531_041946_000000473103_00076_48366_1226.N1	31-MAY-2011 04:19:46	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48366	No
64	GOM_TRA_1PNPDE20110531_042445_000000373103_00076_48366_1227.N1	31-MAY-2011 04:24:45	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	48366	No
65	GOM_TRA_1PNPDE20110531_043228_000000503103_00076_48366_1228.N1	31-MAY-2011 04:32:28	Bright	49.500	53	43Bet And	2.0480	3300.0	99	48366	No
66	GOM_TRA_1PNPDE20110531_043508_000000563103_00076_48366_1229.N1	31-MAY-2011 04:35:08	Tw_i_and_stray	55.500	58	21Alp And	2.0730	11000.	111	48366	No
67	GOM_TRA_1PNPDE20110531_044002_000000533103_00076_48366_1230.N1	31-MAY-2011 04:40:02	Dark	52.500	140	88Gam Peg	2.8340	26000.	105	48366	No



68	GOM_TRA_1PNPDE20110531_044901_000000483103_00076_48366_1231.N1	31-MAY-2011 04:49:01	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	48366	No
69	GOM_TRA_1PNPDE20110531_045739_000000553103_00076_48366_1232.N1	31-MAY-2011 04:57:39	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	48366	No
70	GOM_TRA_1PNPDE20110531_050059_000000573103_00077_48367_1233.N1	31-MAY-2011 05:00:59	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	48367	No
71	GOM_TRA_1PNPDE20110531_050251_000000453103_00077_48367_1234.N1	31-MAY-2011 05:02:51	Dark	45.000	31	Alp Gru	1.7340	15200.	90	48367	No
72	GOM_TRA_1PNPDE20110531_050749_000000433103_00077_48367_1235.N1	31-MAY-2011 05:07:49	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	48367	No
73	GOM_TRA_1PNPDE20110531_051515_000000403103_00077_48367_1236.N1	31-MAY-2011 05:15:15	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	48367	No
74	GOM_TRA_1PNPDE20110531_051656_000000473103_00077_48367_1237.N1	31-MAY-2011 05:16:56	Straylight	46.500	40	The Sco	1.8590	7100.0	93	48367	No
75	GOM_TRA_1PNPDE20110531_051844_000000453103_00077_48367_1238.N1	31-MAY-2011 05:18:44	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	48367	No
76	GOM_TRA_1PNPDE20110531_052030_000000463103_00077_48367_1239.N1	31-MAY-2011 05:20:30	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	48367	No
77	GOM_TRA_1PNPDE20110531_052232_000000503103_00077_48367_1240.N1	31-MAY-2011 05:22:32	Bright	50.000	136	23Tau Sco	2.8220	30000.	100	48367	No
78	GOM_TRA_1PNPDE20110531_052437_000000403103_00077_48367_1241.N1	31-MAY-2011 05:24:37	Bright	39.500	80	7Del Sco	2.3160	30000.	79	48367	No
79	GOM_TRA_1PNPDE20110531_052609_000000473103_00077_48367_1242.N1	31-MAY-2011 05:26:09	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48367	No
80	GOM_TRA_1PNPDE20110531_052801_000000433103_00077_48367_1243.N1	31-MAY-2011 05:28:01	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	48367	No
81	GOM_TRA_1PNPDE20110531_053012_000000403103_00077_48367_1244.N1	31-MAY-2011 05:30:12	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	48367	No
82	GOM_TRA_1PNPDE20110531_053312_000000373103_00077_48367_1245.N1	31-MAY-2011 05:33:12	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48367	No
83	GOM_TRA_1PNPDE20110531_053905_000000403103_00077_48367_1246.N1	31-MAY-2011 05:39:05	Bright	40.000	67	5Alp CrB	2.2210	11000.	80	48367	No
84	GOM_TRA_1PNPDE20110531_054144_000000453103_00077_48367_1247.N1	31-MAY-2011 05:41:44	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48367	No
85	GOM_TRA_1PNPDE20110531_054939_000000403103_00077_48367_1248.N1	31-MAY-2011 05:49:39	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48367	No
86	GOM_TRA_1PNPDE20110531_055959_000000473103_00077_48367_1249.N1	31-MAY-2011 05:59:59	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48367	No
87	GOM_TRA_1PNPDK20110531_070815_000000403103_00078_48368_6341.N1	31-MAY-2011 07:08:15	Bright	40.000	98	13Zet Oph	2.5710	30000.	80	48368	No
88	GOM_TRA_1PNPDK20110531_071026_000000403103_00078_48368_6342.N1	31-MAY-2011 07:10:26	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	48368	No
89	GOM_TRA_1PNPDK20110531_071326_000000373103_00078_48368_6343.N1	31-MAY-2011 07:13:26	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48368	No
90	GOM_TRA_1PNPDK20110531_071919_000000393103_00078_48368_6344.N1	31-MAY-2011 07:19:19	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	48368	No
91	GOM_TRA_1PNPDK20110531_072158_000000453103_00078_48368_6345.N1	31-MAY-2011 07:21:58	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48368	No
92	GOM_TRA_1PNPDK20110531_072952_000000393103_00078_48368_6346.N1	31-MAY-2011 07:29:52	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	48368	No
93	GOM_TRA_1PNPDK20110531_074013_000000473103_00078_48368_6347.N1	31-MAY-2011 07:40:13	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48368	No
94	GOM_TRA_1PNPDK20110531_074513_000000383103_00078_48368_6348.N1	31-MAY-2011 07:45:13	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	48368	No
95	GOM_TRA_1PNPDK20110531_075256_000000463103_00078_48368_6349.N1	31-MAY-2011 07:52:56	Bright	45.500	53	43Bet And	2.0480	3300.0	91	48368	No
96	GOM_TRA_1PNPDK20110531_075536_000000523103_00078_48368_6350.N1	31-MAY-2011 07:55:36	Tw_i_and_stray	51.500	58	21Alp And	2.0730	11000.	103	48368	No
97	GOM_TRA_1PNPDK20110531_080031_000000533103_00078_48368_6351.N1	31-MAY-2011 08:00:31	Dark	52.500	140	88Gam Peg	2.8340	26000.	105	48368	No
98	GOM_TRA_1PNPDK20110531_080931_000000473103_00078_48368_6352.N1	31-MAY-2011 08:09:31	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	48368	No
99	GOM_TRA_1PNPDK20110531_081611_000000443103_00078_48368_6353.N1	31-MAY-2011 08:16:11	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	48368	No
100	GOM_TRA_1PNPDK20110531_081810_000000683103_00078_48368_6354.N1	31-MAY-2011 08:18:10	Dark	68.000	18	24Alp PsA	1.1660	9700.0	136	48368	No
101	GOM_TRA_1PNPDK20110531_082129_000000523103_00079_48369_6355.N1	31-MAY-2011 08:21:29	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	48369	No
102	GOM_TRA_1PNPDK20110531_082321_000000483103_00079_48369_6356.N1	31-MAY-2011 08:23:21	Dark	48.000	31	Alp Gru	1.7340	15200.	96	48369	No
103	GOM_TRA_1PNPDK20110531_082819_000000413103_00079_48369_6357.N1	31-MAY-2011 08:28:19	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	48369	No
104	GOM_TRA_1PNPDK20110531_083544_000000433103_00079_48369_6358.N1	31-MAY-2011 08:35:44	Straylight	43.000	147	Alp Ara	2.8770	26000.	86	48369	No
105	GOM_TRA_1PNPDK20110531_083725_000000463103_00079_48369_6359.N1	31-MAY-2011 08:37:25	Straylight	45.500	40	The Sco	1.8590	7100.0	91	48369	No
106	GOM_TRA_1PNPDK20110531_083913_000000483103_00079_48369_6360.N1	31-MAY-2011 08:39:13	Tw_i_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	48369	No
107	GOM_TRA_1PNPDK20110531_084059_000000473103_00079_48369_6361.N1	31-MAY-2011 08:40:59	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	48369	No
108	GOM_TRA_1PNPDK20110531_084301_000000493103_00079_48369_6362.N1	31-MAY-2011 08:43:01	Bright	48.500	136	23Tau Sco	2.8220	30000.	97	48369	No
109	GOM_TRA_1PNPDK20110531_084505_000000413103_00079_48369_6363.N1	31-MAY-2011 08:45:05	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48369	No
110	GOM_TRA_1PNPDK20110531_084637_000000463103_00079_48369_6364.N1	31-MAY-2011 08:46:37	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	48369	No
111	GOM_TRA_1PNPDK20110531_084829_000000393103_00079_48369_6365.N1	31-MAY-2011 08:48:29	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	48369	No
112	GOM_TRA_1PNPDK20110531_085040_000000403103_00079_48369_6390.N1	31-MAY-2011 08:50:40	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	48369	No
113	GOM_TRA_1PNPDK20110531_085340_000000373103_00079_48369_6391.N1	31-MAY-2011 08:53:40	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48369	No
114	GOM_TRA_1PNPDK20110531_085933_000000373103_00079_48369_6392.N1	31-MAY-2011 08:59:33	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	48369	No
115	GOM_TRA_1PNPDK20110531_090211_000000433103_00079_48369_6393.N1	31-MAY-2011 09:02:11	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	48369	No
116	GOM_TRA_1PNPDK20110531_091006_000000403103_00079_48369_6394.N1	31-MAY-2011 09:10:06	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48369	No
117	GOM_TRA_1PNPDK20110531_092026_000000483103_00079_48369_6395.N1	31-MAY-2011 09:20:26	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	48369	No
118	GOM_TRA_1PNPDK20110531_092527_000000473103_00079_48369_6396.N1	31-MAY-2011 09:25:27	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	48369	No
119	GOM_TRA_1PNPDK20110531_093310_000000453103_00079_48369_6397.N1	31-MAY-2011 09:33:10	Bright	44.500	53	43Bet And	2.0480	3300.0	89	48369	No
120	GOM_TRA_1PNPDK20110531_093550_000000523103_00079_48369_6398.N1	31-MAY-2011 09:35:50	Tw_i_and_stray	52.000	58	21Alp And	2.0730	11000.	104	48369	No
121	GOM_TRA_1PNPDK20110531_094046_000000523103_00079_48369_6399.N1	31-MAY-2011 09:40:46	Dark	52.000	140	88Gam Peg	2.8340	26000.	104	48369	No
122	GOM_TRA_1PNPDK20110531_094945_000000493103_00079_48369_6400.N1	31-MAY-2011 09:49:45	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	48369	No
123	GOM_TRA_1PNPDK20110531_095626_000000413103_00079_48369_6401.N1	31-MAY-2011 09:56:26	Dark	40.500	84	Alp Phe	2.3970	4500.0	81	48369	No
124	GOM_TRA_1PNPDK20110531_095825_000000683103_00079_48369_6402.N1	31-MAY-2011 09:58:25	Dark	67.500	18	24Alp PsA	1.1660	9700.0	135	48369	No
125	GOM_TRA_1PNPDK20110531_100144_000000623103_00080_48370_6403.N1	31-MAY-2011 10:01:44	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48370	No
126	GOM_TRA_1PNPDK20110531_100336_000000473103_00080_48370_6404.N1	31-MAY-2011 10:03:36	Dark	47.000	31	Alp Gru	1.7340	15200.	94	48370	No

127	GOM_TRA_1PNPDK20110531_100834_000000453103_00080_48370_6405.N1	31-MAY-2011 10:08:34	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	48370	No
128	GOM_TRA_1PNPDK20110531_101559_000000403103_00080_48370_6406.N1	31-MAY-2011 10:15:59	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48370	No
129	GOM_TRA_1PNPDK20110531_101740_000000493103_00080_48370_6407.N1	31-MAY-2011 10:17:40	Straylight	49.000	40	The Sco	1.8590	7100.0	98	48370	No
130	GOM_TRA_1PNPDK20110531_101927_000000513103_00080_48370_6408.N1	31-MAY-2011 10:19:27	Tw_i_and_stray	51.000	25	35Lam Sco	1.6200	28000.	102	48370	No
131	GOM_TRA_1PNPDK20110531_102113_000000493103_00080_48370_6409.N1	31-MAY-2011 10:21:13	Tw_i_and_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	48370	No
132	GOM_TRA_1PNPDK20110531_102315_000000413103_00080_48370_6410.N1	31-MAY-2011 10:23:15	Bright	41.000	136	23Tau Sco	2.8220	30000.	82	48370	No
133	GOM_TRA_1PNPDK20110531_102519_000000413103_00080_48370_6411.N1	31-MAY-2011 10:25:19	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48370	No
134	GOM_TRA_1PNPDK20110531_102651_000000473103_00080_48370_6412.N1	31-MAY-2011 10:26:51	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	48370	No
135	GOM_TRA_1PNPDK20110531_102843_000000423103_00080_48370_6268.N1	31-MAY-2011 10:28:43	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48370	Yes
136	GOM_TRA_1PNPDK20110531_103054_000000403103_00080_48370_6269.N1	31-MAY-2011 10:30:54	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	48370	No
137	GOM_TRA_1PNPDK20110531_103354_000000293103_00080_48370_6270.N1	31-MAY-2011 10:33:54	Bright	28.500	102	24Alp Ser	2.6000	4250.0	57	48370	No
138	GOM_TRA_1PNPDK20110531_103947_000000383103_00080_48370_6271.N1	31-MAY-2011 10:39:47	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	48370	No
139	GOM_TRA_1PNPDK20110531_104224_000000643103_00080_48370_6272.N1	31-MAY-2011 10:42:24	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	48370	No
140	GOM_TRA_1PNPDK20110531_105020_000000403103_00080_48370_6273.N1	31-MAY-2011 10:50:20	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	48370	No
141	GOM_TRA_1PNPDK20110531_110039_000000453103_00080_48370_6274.N1	31-MAY-2011 11:00:39	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	48370	No
142	GOM_TRA_1PNPDK20110531_110541_000000563103_00080_48370_6275.N1	31-MAY-2011 11:05:41	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48370	No
143	GOM_TRA_1PNPDK20110531_111324_000000433103_00080_48370_6276.N1	31-MAY-2011 11:13:24	Bright	43.000	53	43Bet And	2.0480	3300.0	86	48370	No
144	GOM_TRA_1PNPDK20110531_111604_000000563103_00080_48370_6277.N1	31-MAY-2011 11:16:04	Tw_i_and_stray	55.500	58	21Alp And	2.0730	11000.	111	48370	No
145	GOM_TRA_1PNPDK20110531_112100_000000503103_00080_48370_6278.N1	31-MAY-2011 11:21:00	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	48370	No
146	GOM_TRA_1PNPDK20110531_113000_000000473103_00080_48370_6279.N1	31-MAY-2011 11:30:00	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	48370	No
147	GOM_TRA_1PNPDK20110531_113640_000000483103_00080_48370_6280.N1	31-MAY-2011 11:36:40	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	48370	No
148	GOM_TRA_1PNPDK20110531_113840_000000583103_00080_48370_6281.N1	31-MAY-2011 11:38:40	Dark	58.000	18	24Alp PsA	1.1660	9700.0	116	48370	No
149	GOM_TRA_1PNPDK20110531_114159_000000483103_00081_48371_6282.N1	31-MAY-2011 11:41:59	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	48371	No
150	GOM_TRA_1PNPDK20110531_114351_000000493103_00081_48371_6283.N1	31-MAY-2011 11:43:51	Dark	49.000	31	Alp Gru	1.7340	15200.	98	48371	No
151	GOM_TRA_1PNPDK20110531_114848_000000433103_00081_48371_6284.N1	31-MAY-2011 11:48:48	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48371	No
152	GOM_TRA_1PNPDK20110531_115613_000000403103_00081_48371_6285.N1	31-MAY-2011 11:56:13	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48371	No
153	GOM_TRA_1PNPDK20110531_115754_000000493103_00081_48371_6286.N1	31-MAY-2011 11:57:54	Straylight	49.000	40	The Sco	1.8590	7100.0	98	48371	No
154	GOM_TRA_1PNPDK20110531_115941_000000473103_00081_48371_6287.N1	31-MAY-2011 11:59:41	Tw_i_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	48371	No
155	GOM_TRA_1PNPDK20110531_120127_000000473103_00081_48371_6288.N1	31-MAY-2011 12:01:27	Tw_i_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	48371	No
156	GOM_TRA_1PNPDK20110531_120329_000000433103_00081_48371_6289.N1	31-MAY-2011 12:03:29	Bright	43.000	136	23Tau Sco	2.8220	30000.	86	48371	No
157	GOM_TRA_1PNPDK20110531_120706_000000463103_00081_48371_6290.N1	31-MAY-2011 12:07:06	Bright	45.500	86	35Eta Oph	2.4300	10200.	91	48371	No
158	GOM_TRA_1PNPDK20110531_120857_000000423103_00081_48371_6476.N1	31-MAY-2011 12:08:57	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48371	No
159	GOM_TRA_1PNPDK20110531_121108_000000403103_00081_48371_6477.N1	31-MAY-2011 12:11:08	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	48371	No
160	GOM_TRA_1PNPDK20110531_121408_000000373103_00081_48371_6478.N1	31-MAY-2011 12:14:08	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48371	No
161	GOM_TRA_1PNPDK20110531_122001_000000553103_00081_48371_6479.N1	31-MAY-2011 12:20:01	Bright	55.000	67	5Alp CrB	2.2210	11000.	110	48371	No
162	GOM_TRA_1PNPDK20110531_122238_000000433103_00081_48371_6480.N1	31-MAY-2011 12:22:38	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	48371	No
163	GOM_TRA_1PNPDK20110531_123033_000000373103_00081_48371_6481.N1	31-MAY-2011 12:30:33	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	48371	No
164	GOM_TRA_1PNPDK20110531_124053_000000473103_00081_48371_6482.N1	31-MAY-2011 12:40:53	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48371	No
165	GOM_TRA_1PNPDK20110531_124554_000000413103_00081_48371_6483.N1	31-MAY-2011 12:45:54	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	48371	No
166	GOM_TRA_1PNPDK20110531_125338_000000433103_00081_48371_6484.N1	31-MAY-2011 12:53:38	Bright	43.000	53	43Bet And	2.0480	3300.0	86	48371	No
167	GOM_TRA_1PNPDK20110531_125618_000000533103_00081_48371_6485.N1	31-MAY-2011 12:56:18	Tw_i_and_stray	52.500	58	21Alp And	2.0730	11000.	105	48371	No
168	GOM_TRA_1PNPDK20110531_130115_000000533103_00081_48371_6486.N1	31-MAY-2011 13:01:15	Dark	52.500	140	88Gam Peg	2.8340	26000.	105	48371	No
169	GOM_TRA_1PNPDK20110531_131014_000000493103_00081_48371_6487.N1	31-MAY-2011 13:10:14	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	48371	No
170	GOM_TRA_1PNPDK20110531_131655_000000483103_00081_48371_6488.N1	31-MAY-2011 13:16:55	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	48371	No
171	GOM_TRA_1PNPDK20110531_131855_000000673103_00081_48371_6489.N1	31-MAY-2011 13:18:55	Dark	66.500	18	24Alp PsA	1.1660	9700.0	133	48371	No
172	GOM_TRA_1PNPDK20110531_132214_000000473103_00082_48372_6490.N1	31-MAY-2011 13:22:14	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	48372	No
173	GOM_TRA_1PNPDK20110531_132406_000000493103_00082_48372_6491.N1	31-MAY-2011 13:24:06	Dark	48.500	31	Alp Gru	1.7340	15200.	97	48372	No
174	GOM_TRA_1PNPDK20110531_132903_000000443103_00082_48372_6492.N1	31-MAY-2011 13:29:03	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	48372	No
175	GOM_TRA_1PNPDK20110531_133627_000000413103_00082_48372_6493.N1	31-MAY-2011 13:36:27	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48372	No
176	GOM_TRA_1PNPDK20110531_133808_000000493103_00082_48372_6494.N1	31-MAY-2011 13:38:08	Straylight	49.000	40	The Sco	1.8590	7100.0	98	48372	No
177	GOM_TRA_1PNPDK20110531_133956_000000443103_00082_48372_6495.N1	31-MAY-2011 13:39:56	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	48372	No
178	GOM_TRA_1PNPDK20110531_134141_000000483103_00082_48372_6496.N1	31-MAY-2011 13:41:41	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	48372	No
179	GOM_TRA_1PNPDK20110531_134343_000000433103_00082_48372_6497.N1	31-MAY-2011 13:43:43	Bright	43.000	136	23Tau Sco	2.8220	30000.	86	48372	No
180	GOM_TRA_1PNPDK20110531_134547_000000413103_00082_48372_6498.N1	31-MAY-2011 13:45:47	Bright	40.500	80	7Del Sco	2.3160	30000.	81	48372	No
181	GOM_TRA_1PNPDK20110531_134719_000000463103_00082_48372_6536.N1	31-MAY-2011 13:47:19	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	48372	No
182	GOM_TRA_1PNPDK20110531_134911_000000423103_00082_48372_6537.N1	31-MAY-2011 13:49:11	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	48372	No
183	GOM_TRA_1PNPDK20110531_135122_000000393103_00082_48372_6538.N1	31-MAY-2011 13:51:22	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	48372	No
184	GOM_TRA_1PNPDK20110531_135422_000000373103_00082_48372_6539.N1	31-MAY-2011 13:54:22	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48372	No
185	GOM_TRA_1PNPDK20110531_140014_000000393103_00082_48372_6540.N1	31-MAY-2011 14:00:14	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	48372	No

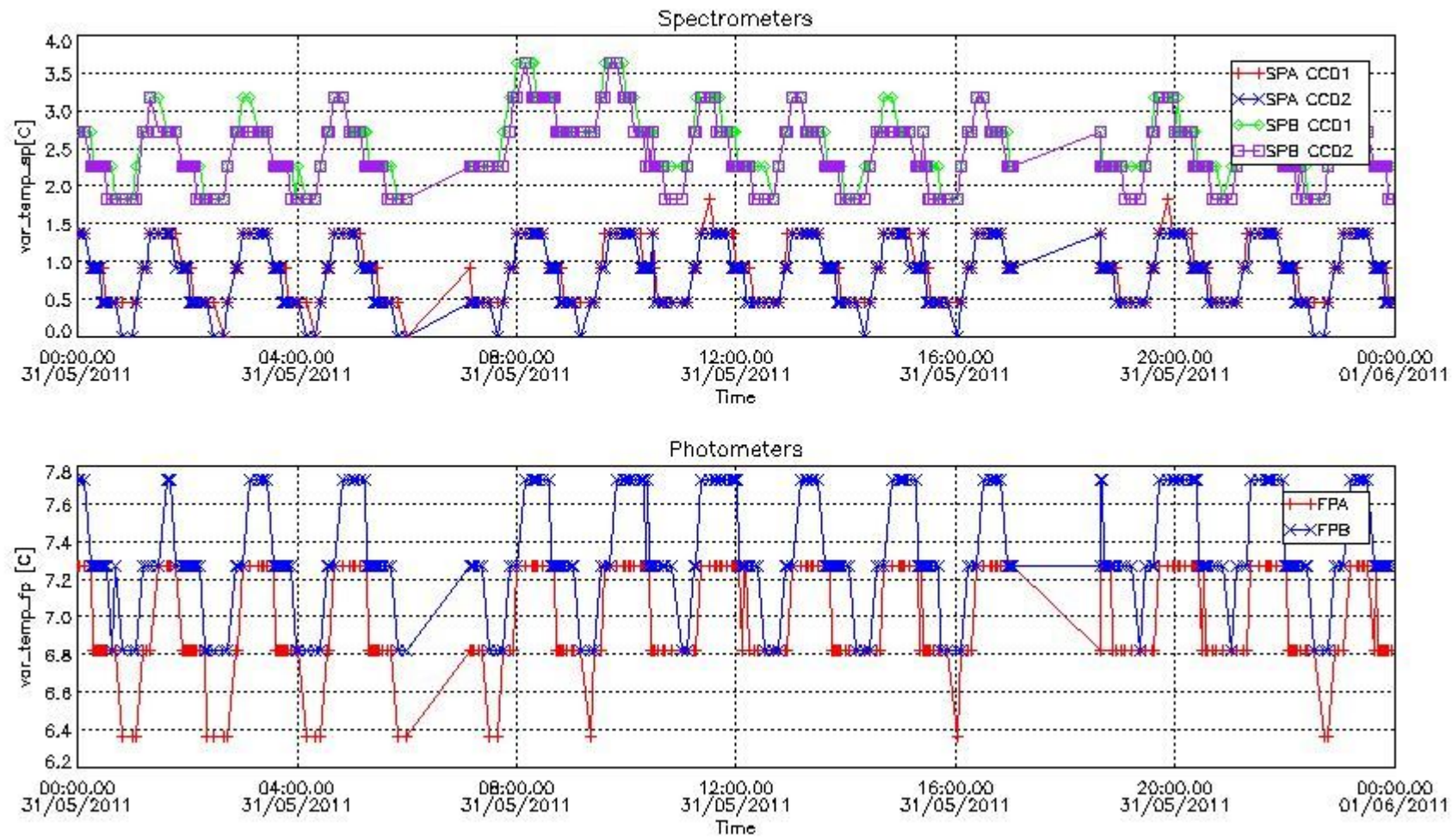
186	GOM_TRA_1PNPDK20110531_140251_000000453103_00082_48372_6541.N1	31-MAY-2011 14:02:51	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	48372	No
187	GOM_TRA_1PNPDK20110531_141047_000000373103_00082_48372_6542.N1	31-MAY-2011 14:10:47	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	48372	No
188	GOM_TRA_1PNPDK20110531_142106_000000473103_00082_48372_6543.N1	31-MAY-2011 14:21:06	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	48372	No
189	GOM_TRA_1PNPDK20110531_142608_000000563103_00082_48372_6544.N1	31-MAY-2011 14:26:08	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48372	No
190	GOM_TRA_1PNPDK20110531_143352_000000443103_00082_48372_6545.N1	31-MAY-2011 14:33:52	Bright	43.500	53	43Bet And	2.0480	3300.0	87	48372	No
191	GOM_TRA_1PNPDK20110531_143633_000000563103_00082_48372_6546.N1	31-MAY-2011 14:36:33	Twilight	56.000	58	21Alp And	2.0730	11000.	112	48372	No
192	GOM_TRA_1PNPDK20110531_144129_000000533103_00082_48372_6547.N1	31-MAY-2011 14:41:29	Dark	53.000	140	88Gam Peg	2.8340	26000.	106	48372	No
193	GOM_TRA_1PNPDK20110531_145029_000000433103_00082_48372_6548.N1	31-MAY-2011 14:50:29	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	48372	No
194	GOM_TRA_1PNPDK20110531_145709_000000463103_00082_48372_6549.N1	31-MAY-2011 14:57:09	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	48372	No
195	GOM_TRA_1PNPDK20110531_145910_000000563103_00082_48372_6550.N1	31-MAY-2011 14:59:10	Dark	56.000	18	24Alp PsA	1.1660	9700.0	112	48372	No
196	GOM_TRA_1PNPDK20110531_150229_000000483103_00083_48373_6551.N1	31-MAY-2011 15:02:29	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	48373	No
197	GOM_TRA_1PNPDK20110531_150421_000000483103_00083_48373_6552.N1	31-MAY-2011 15:04:21	Dark	47.500	31	Alp Gru	1.7340	15200.	95	48373	No
198	GOM_TRA_1PNPDK20110531_150917_000000433103_00083_48373_6553.N1	31-MAY-2011 15:09:17	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	48373	No
199	GOM_TRA_1PNPDK20110531_151642_000000413103_00083_48373_6554.N1	31-MAY-2011 15:16:42	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	48373	No
200	GOM_TRA_1PNPDK20110531_151823_000000493103_00083_48373_6555.N1	31-MAY-2011 15:18:23	Straylight	48.500	40	The Sco	1.8590	7100.0	97	48373	No
201	GOM_TRA_1PNPDK20110531_152010_000000483103_00083_48373_6556.N1	31-MAY-2011 15:20:10	Twilight	48.000	25	35Lam Sco	1.6200	28000.	96	48373	No
202	GOM_TRA_1PNPDK20110531_152156_000000493103_00083_48373_6557.N1	31-MAY-2011 15:21:56	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	48373	No
203	GOM_TRA_1PNPDK20110531_152357_000000393103_00083_48373_6569.N1	31-MAY-2011 15:23:57	Bright	39.000	136	23Tau Sco	2.8220	30000.	78	48373	No
204	GOM_TRA_1PNPDK20110531_152602_000000413103_00083_48373_6570.N1	31-MAY-2011 15:26:02	Bright	41.000	80	7Del Sco	2.3160	30000.	82	48373	No
205	GOM_TRA_1PNPDK20110531_152734_000000473103_00083_48373_6571.N1	31-MAY-2011 15:27:34	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	48373	No
206	GOM_TRA_1PNPDK20110531_152925_000000413103_00083_48373_6572.N1	31-MAY-2011 15:29:25	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	48373	No
207	GOM_TRA_1PNPDK20110531_153136_000000403103_00083_48373_6573.N1	31-MAY-2011 15:31:36	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	48373	No
208	GOM_TRA_1PNPDK20110531_153436_000000353103_00083_48373_6574.N1	31-MAY-2011 15:34:36	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	48373	No
209	GOM_TRA_1PNPDK20110531_154028_000000483103_00083_48373_6575.N1	31-MAY-2011 15:40:28	Bright	47.500	67	5Alp CrB	2.2210	11000.	95	48373	No
210	GOM_TRA_1PNPDK20110531_154305_000000433103_00083_48373_6576.N1	31-MAY-2011 15:43:05	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	48373	No
211	GOM_TRA_1PNPDK20110531_155100_000000423103_00083_48373_6577.N1	31-MAY-2011 15:51:00	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	48373	No
212	GOM_TRA_1PNPDK20110531_160120_000000483103_00083_48373_6578.N1	31-MAY-2011 16:01:20	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	48373	No
213	GOM_TRA_1PNPDK20110531_160622_000000383103_00083_48373_6579.N1	31-MAY-2011 16:06:22	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	48373	No
214	GOM_TRA_1PNPDK20110531_161406_000000433103_00083_48373_6580.N1	31-MAY-2011 16:14:06	Bright	43.000	53	43Bet And	2.0480	3300.0	86	48373	No
215	GOM_TRA_1PNPDK20110531_161647_000000553103_00083_48373_6581.N1	31-MAY-2011 16:16:47	Twilight	54.500	58	21Alp And	2.0730	11000.	109	48373	No
216	GOM_TRA_1PNPDK20110531_162144_000000543103_00083_48373_6582.N1	31-MAY-2011 16:21:44	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	48373	No
217	GOM_TRA_1PNPDK20110531_163043_000000513103_00083_48373_6583.N1	31-MAY-2011 16:30:43	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	48373	No
218	GOM_TRA_1PNPDK20110531_163724_000000463103_00083_48373_6584.N1	31-MAY-2011 16:37:24	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	48373	No
219	GOM_TRA_1PNPDK20110531_163926_000000653103_00083_48373_6585.N1	31-MAY-2011 16:39:26	Dark	65.000	18	24Alp PsA	1.1660	9700.0	130	48373	No
220	GOM_TRA_1PNPDK20110531_164243_000000553103_00084_48374_6586.N1	31-MAY-2011 16:42:43	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	48374	No
221	GOM_TRA_1PNPDK20110531_164436_000000453103_00084_48374_6587.N1	31-MAY-2011 16:44:36	Dark	44.500	31	Alp Gru	1.7340	15200.	89	48374	No
222	GOM_TRA_1PNPDK20110531_164932_000000423103_00084_48374_6588.N1	31-MAY-2011 16:49:32	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	48374	No
223	GOM_TRA_1PNPDK20110531_165656_000000413103_00084_48374_6589.N1	31-MAY-2011 16:56:56	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	48374	No
224	GOM_TRA_1PNPDK20110531_165837_000000493103_00084_48374_6590.N1	31-MAY-2011 16:58:37	Straylight	49.000	40	The Sco	1.8590	7100.0	98	48374	No
225	GOM_TRA_1PNPDK20110531_170025_000000483103_00084_48374_6591.N1	31-MAY-2011 17:00:25	Twilight	48.000	25	35Lam Sco	1.6200	28000.	96	48374	No
226	GOM_TRA_1PNPDK20110531_170210_000000483103_00084_48374_6592.N1	31-MAY-2011 17:02:10	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	48374	No
227	GOM_TRA_1PNPDK20110531_183711_000000403103_00085_48375_6767.N1	31-MAY-2011 18:37:11	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	48375	Yes
228	GOM_TRA_1PNPDK20110531_183852_000000473103_00085_48375_6768.N1	31-MAY-2011 18:38:52	Straylight	46.500	40	The Sco	1.8590	7100.0	93	48375	No
229	GOM_TRA_1PNPDK20110531_184039_000000493103_00085_48375_6769.N1	31-MAY-2011 18:40:39	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	48375	No
230	GOM_TRA_1PNPDK20110531_184224_000000483103_00085_48375_6770.N1	31-MAY-2011 18:42:24	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	48375	No
231	GOM_TRA_1PNPDK20110531_184426_000000543103_00085_48375_6771.N1	31-MAY-2011 18:44:26	Bright	53.500	136	23Tau Sco	2.8220	30000.	107	48375	No
232	GOM_TRA_1PNPDK20110531_184802_000000463103_00085_48375_6772.N1	31-MAY-2011 18:48:02	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	48375	No
233	GOM_TRA_1PNPDK20110531_184953_000000433103_00085_48375_6773.N1	31-MAY-2011 18:49:53	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	48375	No
234	GOM_TRA_1PNPDK20110531_185204_000000403103_00085_48375_6774.N1	31-MAY-2011 18:52:04	Bright	39.500	120	1Del Oph	2.7340	3200.0	79	48375	No
235	GOM_TRA_1PNPDK20110531_185504_000000373103_00085_48375_6775.N1	31-MAY-2011 18:55:04	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48375	No
236	GOM_TRA_1PNPDK20110531_190056_000000393103_00085_48375_6776.N1	31-MAY-2011 19:00:56	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	48375	No
237	GOM_TRA_1PNPDK20110531_190332_000000413103_00085_48375_6777.N1	31-MAY-2011 19:03:32	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	48375	No
238	GOM_TRA_1PNPDK20110531_191128_000000413103_00085_48375_6778.N1	31-MAY-2011 19:11:28	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	48375	No
239	GOM_TRA_1PNPDK20110531_192146_000000473103_00085_48375_6779.N1	31-MAY-2011 19:21:46	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48375	No
240	GOM_TRA_1PNPDK20110531_192650_000000563103_00085_48375_6780.N1	31-MAY-2011 19:26:50	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	48375	No
241	GOM_TRA_1PNPDK20110531_193435_000000453103_00085_48375_6781.N1	31-MAY-2011 19:34:35	Bright	44.500	53	43Bet And	2.0480	3300.0	89	48375	No
242	GOM_TRA_1PNPDK20110531_193715_000000553103_00085_48375_6782.N1	31-MAY-2011 19:37:15	Twilight	55.000	58	21Alp And	2.0730	11000.	110	48375	No
243	GOM_TRA_1PNPDK20110531_194213_000000533103_00085_48375_6783.N1	31-MAY-2011 19:42:13	Dark	52.500	140	88Gam Peg	2.8340	26000.	105	48375	No
244	GOM_TRA_1PNPDK20110531_195113_000000473103_00085_48375_6784.N1	31-MAY-2011 19:51:13	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	48375	No



245	GOM_TRA_1PNPDK20110531_195753_000000473103_00085_48375_6785.N1	31-MAY-2011 19:57:53	Dark	47.000	84	Alp Phe	2.3970	4500.0	94	48375	No
246	GOM_TRA_1PNPDK20110531_195956_000000563103_00085_48375_6786.N1	31-MAY-2011 19:59:56	Dark	56.000	18	24Alp PsA	1.1660	9700.0	112	48375	No
247	GOM_TRA_1PNPDK20110531_200313_000000623103_00086_48376_6787.N1	31-MAY-2011 20:03:13	Dark	61.500	63	Bet Gru	2.1500	2800.0	123	48376	No
248	GOM_TRA_1PNPDK20110531_200506_000000513103_00086_48376_6788.N1	31-MAY-2011 20:05:06	Dark	50.500	31	Alp Gru	1.7340	15200.	101	48376	No
249	GOM_TRA_1PNPDK20110531_201002_000000423103_00086_48376_6789.N1	31-MAY-2011 20:10:02	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	48376	No
250	GOM_TRA_1PNPDE20110531_201725_000000403103_00086_48376_1387.N1	31-MAY-2011 20:17:25	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	48376	No
251	GOM_TRA_1PNPDE20110531_201906_000000483103_00086_48376_1388.N1	31-MAY-2011 20:19:06	Straylight	48.000	40	The Sco	1.8590	7100.0	96	48376	No
252	GOM_TRA_1PNPDE20110531_202053_000000453103_00086_48376_1389.N1	31-MAY-2011 20:20:53	Twilight_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	48376	No
253	GOM_TRA_1PNPDE20110531_202239_000000473103_00086_48376_1390.N1	31-MAY-2011 20:22:39	Twilight_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	48376	No
254	GOM_TRA_1PNPDE20110531_202440_000000403103_00086_48376_1391.N1	31-MAY-2011 20:24:40	Bright	40.000	136	23Tau Sco	2.8220	30000.	80	48376	No
255	GOM_TRA_1PNPDE20110531_202816_000000473103_00086_48376_1392.N1	31-MAY-2011 20:28:16	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	48376	No
256	GOM_TRA_1PNPDE20110531_203007_000000423103_00086_48376_1393.N1	31-MAY-2011 20:30:07	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48376	No
257	GOM_TRA_1PNPDE20110531_203218_000000393103_00086_48376_1394.N1	31-MAY-2011 20:32:18	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	48376	No
258	GOM_TRA_1PNPDE20110531_203518_000000373103_00086_48376_1395.N1	31-MAY-2011 20:35:18	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48376	No
259	GOM_TRA_1PNPDE20110531_204110_000000363103_00086_48376_1396.N1	31-MAY-2011 20:41:10	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	48376	No
260	GOM_TRA_1PNPDE20110531_204346_000000463103_00086_48376_1397.N1	31-MAY-2011 20:43:46	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	48376	No
261	GOM_TRA_1PNPDE20110531_205142_000000413103_00086_48376_1398.N1	31-MAY-2011 20:51:42	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	48376	No
262	GOM_TRA_1PNPDE20110531_210200_000000453103_00086_48376_1399.N1	31-MAY-2011 21:02:00	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	48376	No
263	GOM_TRA_1PNPDE20110531_210704_000000363103_00086_48376_1400.N1	31-MAY-2011 21:07:04	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	48376	No
264	GOM_TRA_1PNPDE20110531_211449_000000513103_00086_48376_1401.N1	31-MAY-2011 21:14:49	Bright	51.000	53	43Bet And	2.0480	3300.0	102	48376	No
265	GOM_TRA_1PNPDE20110531_211729_000000563103_00086_48376_1402.N1	31-MAY-2011 21:17:29	Twilight_and_stray	55.500	58	21Alp And	2.0730	11000.	111	48376	No
266	GOM_TRA_1PNPDE20110531_212227_000000523103_00086_48376_1403.N1	31-MAY-2011 21:22:27	Dark	52.000	140	88Gam Peg	2.8340	26000.	104	48376	No
267	GOM_TRA_1PNPDE20110531_213127_000000503103_00086_48376_1439.N1	31-MAY-2011 21:31:27	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	48376	No
268	GOM_TRA_1PNPDE20110531_213807_000000463103_00086_48376_1440.N1	31-MAY-2011 21:38:07	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	48376	No
269	GOM_TRA_1PNPDE20110531_214011_000000643103_00086_48376_1441.N1	31-MAY-2011 21:40:11	Dark	63.500	18	24Alp PsA	1.1660	9700.0	127	48376	No
270	GOM_TRA_1PNPDE20110531_214328_000000493103_00087_48377_1442.N1	31-MAY-2011 21:43:28	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	48377	No
271	GOM_TRA_1PNPDE20110531_214520_000000463103_00087_48377_1443.N1	31-MAY-2011 21:45:20	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48377	No
272	GOM_TRA_1PNPDE20110531_215016_000000453103_00087_48377_1444.N1	31-MAY-2011 21:50:16	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	48377	No
273	GOM_TRA_1PNPDE20110531_215740_000000423103_00087_48377_1445.N1	31-MAY-2011 21:57:40	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	48377	No
274	GOM_TRA_1PNPDE20110531_215921_000000473103_00087_48377_1446.N1	31-MAY-2011 21:59:21	Straylight	46.500	40	The Sco	1.8590	7100.0	93	48377	No
275	GOM_TRA_1PNPDE20110531_220108_000000483103_00087_48377_1447.N1	31-MAY-2011 22:01:08	Twilight_and_stray	48.000	25	35Lam Sco	1.6200	28000.	96	48377	No
276	GOM_TRA_1PNPDE20110531_220253_000000473103_00087_48377_1448.N1	31-MAY-2011 22:02:53	Twilight_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	48377	No
277	GOM_TRA_1PNPDE20110531_220454_000000473103_00087_48377_1449.N1	31-MAY-2011 22:04:54	Bright	46.500	136	23Tau Sco	2.8220	30000.	93	48377	No
278	GOM_TRA_1PNPDE20110531_220658_000000403103_00087_48377_1450.N1	31-MAY-2011 22:06:58	Bright	39.500	80	7Del Sco	2.3160	30000.	79	48377	No
279	GOM_TRA_1PNPDE20110531_220830_000000463103_00087_48377_1451.N1	31-MAY-2011 22:08:30	Bright	45.500	86	35Eta Oph	2.4300	10200.	91	48377	No
280	GOM_TRA_1PNPDE20110531_221021_000000423103_00087_48377_1452.N1	31-MAY-2011 22:10:21	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	48377	No
281	GOM_TRA_1PNPDE20110531_221232_000000393103_00087_48377_1453.N1	31-MAY-2011 22:12:32	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	48377	No
282	GOM_TRA_1PNPDE20110531_221532_000000373103_00087_48377_1454.N1	31-MAY-2011 22:15:32	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	48377	No
283	GOM_TRA_1PNPDE20110531_222124_000000383103_00087_48377_1455.N1	31-MAY-2011 22:21:24	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	48377	No
284	GOM_TRA_1PNPDE20110531_222359_000000633103_00087_48377_1456.N1	31-MAY-2011 22:23:59	Bright	63.000	133	40Zet Her	2.8070	6000.0	126	48377	No
285	GOM_TRA_1PNPDE20110531_223156_000000393103_00087_48377_1457.N1	31-MAY-2011 22:31:56	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	48377	No
286	GOM_TRA_1PNPDE20110531_224213_000000473103_00087_48377_1458.N1	31-MAY-2011 22:42:13	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	48377	No
287	GOM_TRA_1PNPDE20110531_224718_000000373103_00087_48377_1459.N1	31-MAY-2011 22:47:18	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	48377	No
288	GOM_TRA_1PNPDE20110531_225503_000000453103_00087_48377_1460.N1	31-MAY-2011 22:55:03	Bright	45.000	53	43Bet And	2.0480	3300.0	90	48377	No
289	GOM_TRA_1PNPDE20110531_225743_000000553103_00087_48377_1461.N1	31-MAY-2011 22:57:43	Twilight_and_stray	55.000	58	21Alp And	2.0730	11000.	110	48377	No
290	GOM_TRA_1PNPDE20110531_230242_000000533103_00087_48377_1462.N1	31-MAY-2011 23:02:42	Dark	52.500	140	88Gam Peg	2.8340	26000.	105	48377	No
291	GOM_TRA_1PNPDE20110531_231142_000000463103_00087_48377_1498.N1	31-MAY-2011 23:11:42	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	48377	No
292	GOM_TRA_1PNPDE20110531_231822_000000413103_00087_48377_1499.N1	31-MAY-2011 23:18:22	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	48377	No
293	GOM_TRA_1PNPDE20110531_232027_000000553103_00087_48377_1500.N1	31-MAY-2011 23:20:27	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	48377	No
294	GOM_TRA_1PNPDE20110531_232342_000000623103_00088_48378_1501.N1	31-MAY-2011 23:23:42	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	48378	No
295	GOM_TRA_1PNPDE20110531_232535_000000463103_00088_48378_1502.N1	31-MAY-2011 23:25:35	Dark	45.500	31	Alp Gru	1.7340	15200.	91	48378	No
296	GOM_TRA_1PNPDE20110531_233031_000000433103_00088_48378_1503.N1	31-MAY-2011 23:30:31	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	48378	No
297	GOM_TRA_1PNPDE20110531_233754_000000423103_00088_48378_1504.N1	31-MAY-2011 23:37:54	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	48378	No
298	GOM_TRA_1PNPDE20110531_233935_000000463103_00088_48378_1505.N1	31-MAY-2011 23:39:35	Straylight	46.000	40	The Sco	1.8590	7100.0	92	48378	No
299	GOM_TRA_1PNPDE20110531_234122_000000453103_00088_48378_1506.N1	31-MAY-2011 23:41:22	Twilight_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	48378	No
300	GOM_TRA_1PNPDE20110531_234307_000000473103_00088_48378_1507.N1	31-MAY-2011 23:43:07	Twilight_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	48378	No
301	GOM_TRA_1PNPDE20110531_234508_000000413103_00088_48378_1508.N1	31-MAY-2011 23:45:08	Bright	41.000	136	23Tau Sco	2.8220	30000.	82	48378	No
302	GOM_TRA_1PNPDE20110531_234712_000000453103_00088_48378_1509.N1	31-MAY-2011 23:47:12	Bright	44.500	80	7Del Sco	2.3160	30000.	89	48378	No
303	GOM_TRA_1PNPDE20110531_234844_000000463103_00088_48378_1510.N1	31-MAY-2011 23:48:44	Bright	45.500	86	35Eta Oph	2.4300	10200.	91	48378	No

304	GOM_TRA_1PNPDE20110531_235035_000000423103_00088_48378_1511.N1	31-MAY-2011 23:50:35	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	48378	No
305	GOM_TRA_1PNPDE20110531_235246_000000393103_00088_48378_1512.N1	31-MAY-2011 23:52:46	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	48378	No
306	GOM_TRA_1PNPDE20110531_235546_000000373103_00088_48378_1513.N1	31-MAY-2011 23:55:46	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	48378	No

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



### 4. Overview of dark signal processing per product

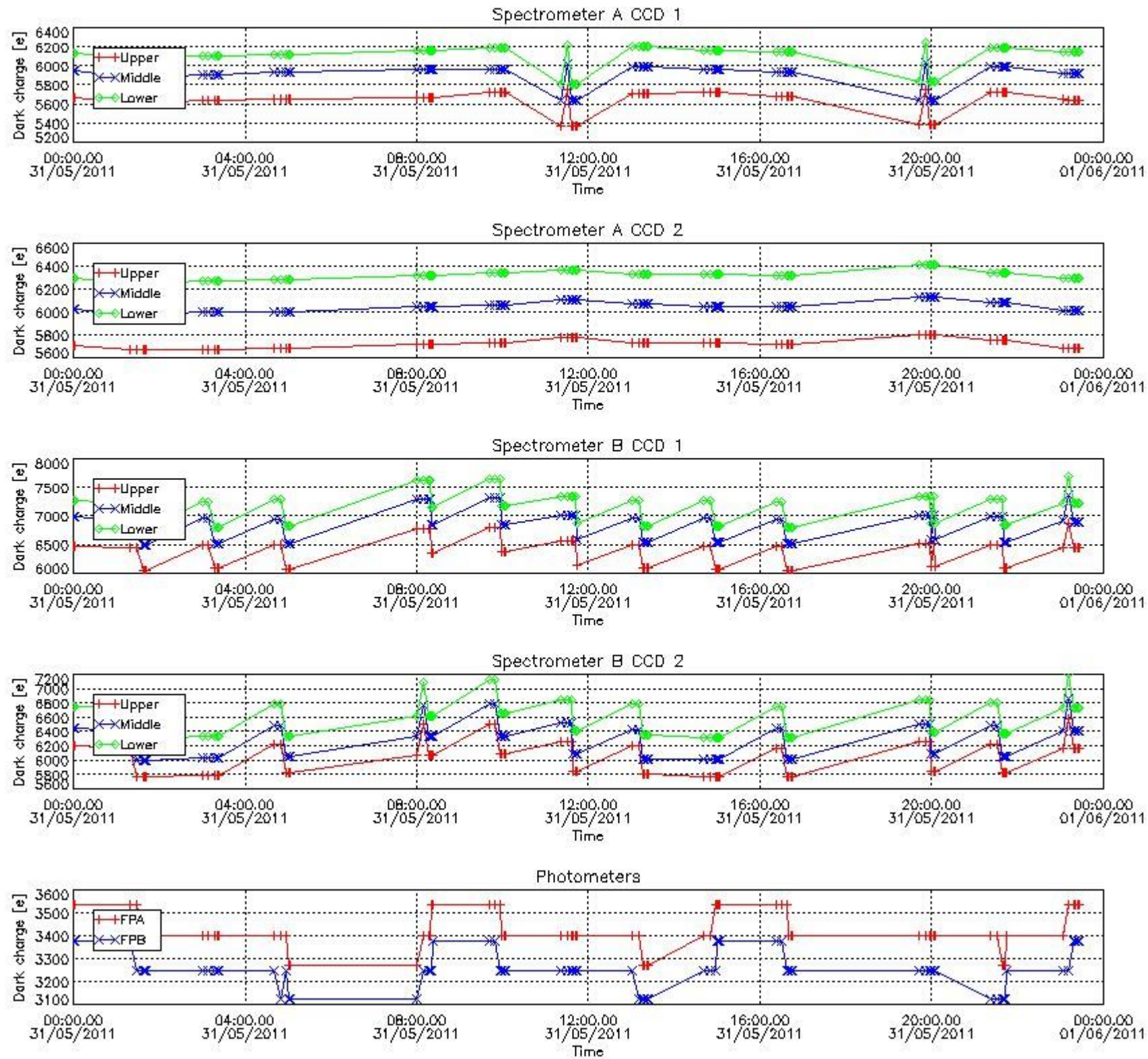
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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





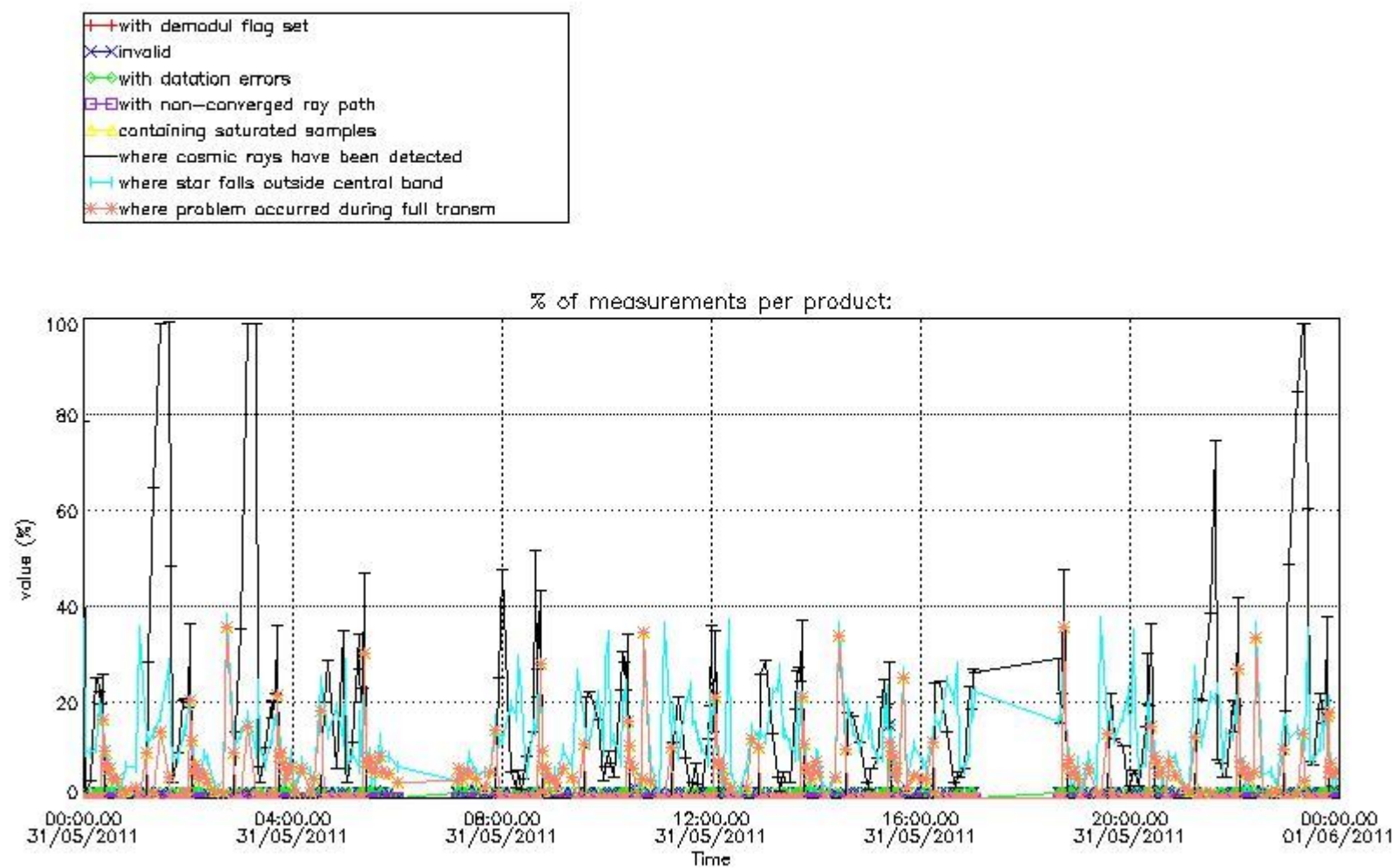
## 5. Demodulation flag and quality information monitoring

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:

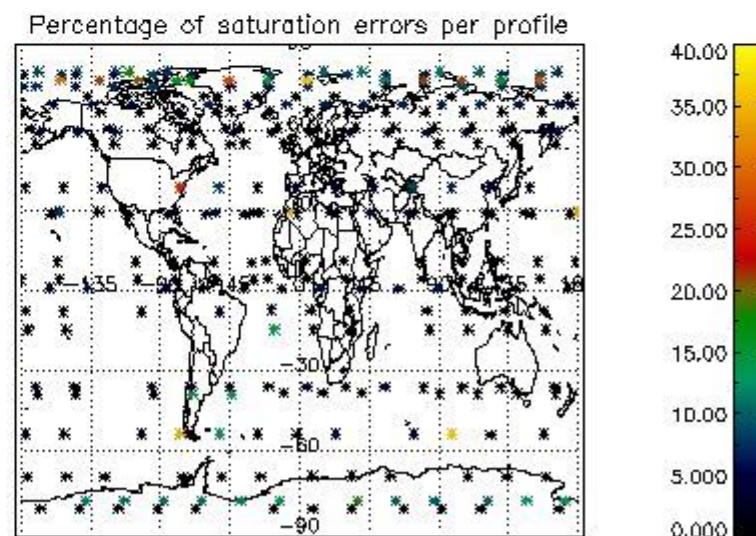
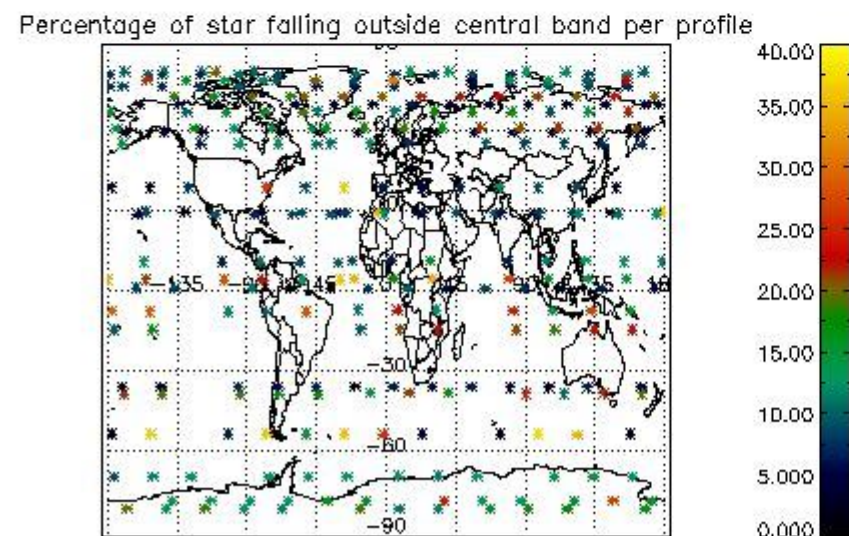
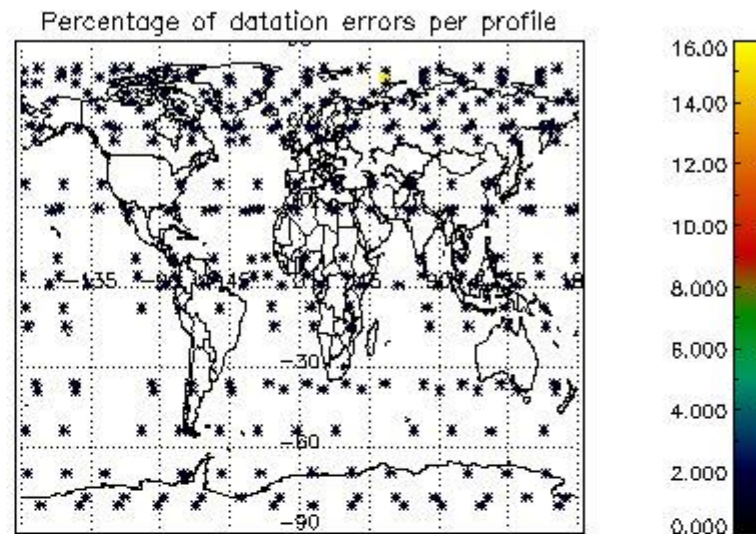
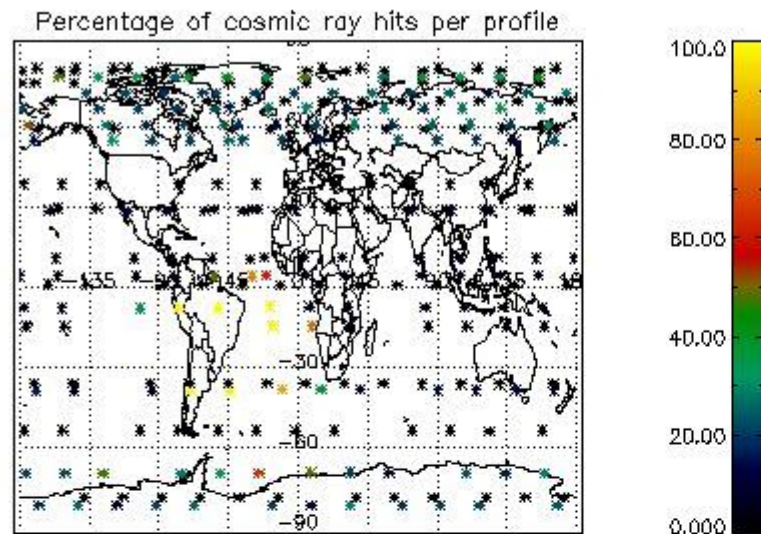
At least one measurement with demodulation flag set:	49.6711 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

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)

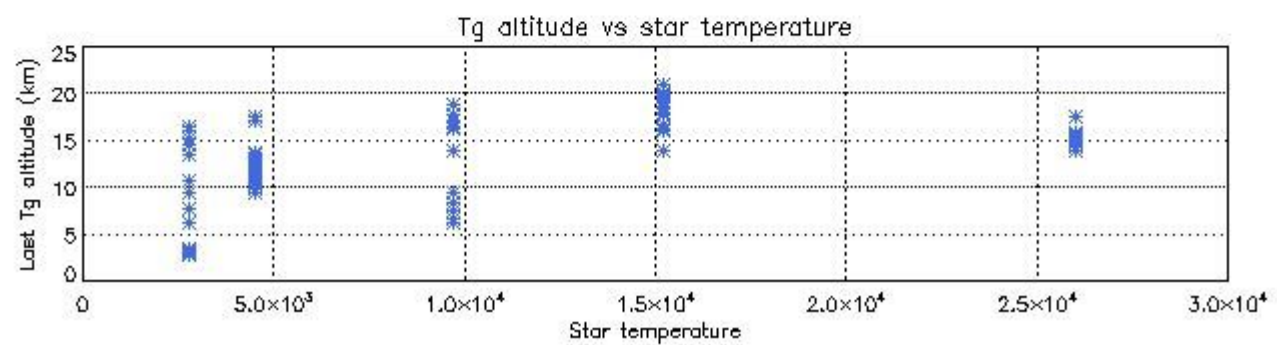
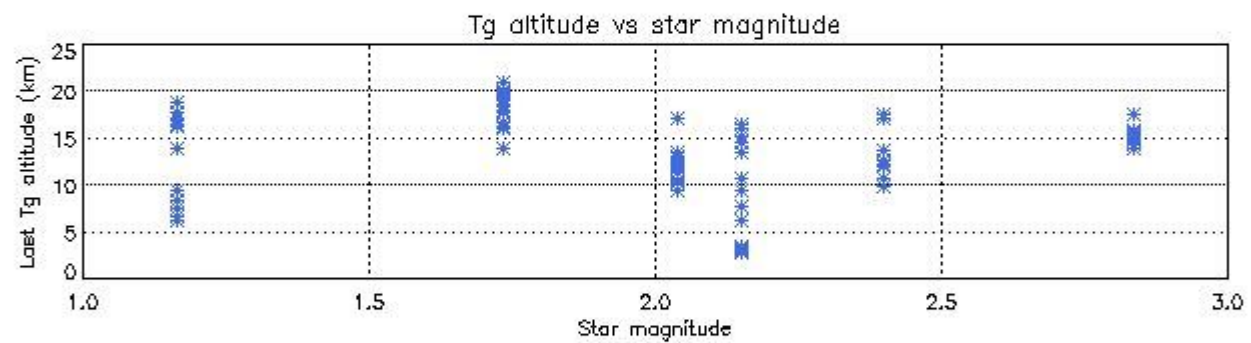
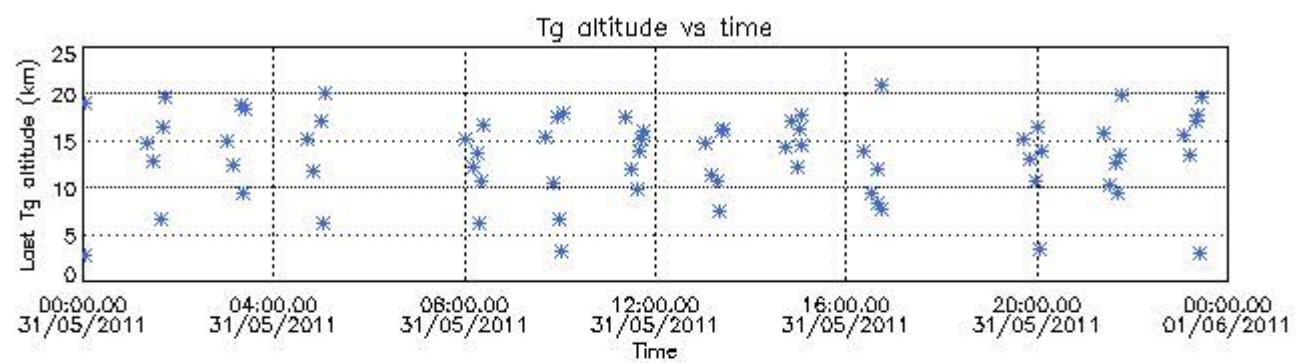
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.350	18.877	NaN
St. deviation:	4.4090	5.6411	NaN
Maximum:	20.876	45.812	NaN
Minimum:	2.8819	3.4055	NaN
Number of data:	71.000	153.00	NaN

### 6.2 Plot for DARK limb products

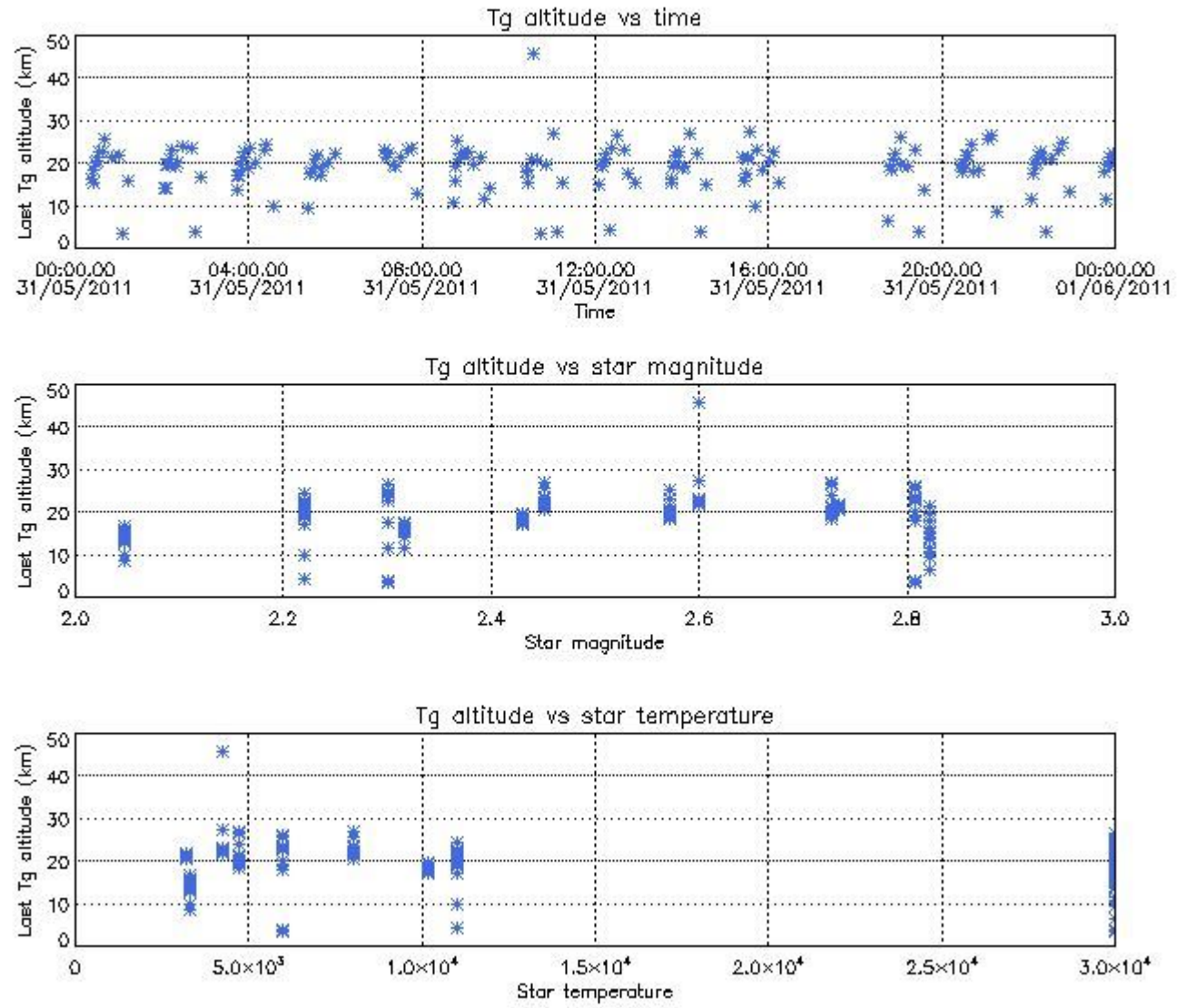


Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost

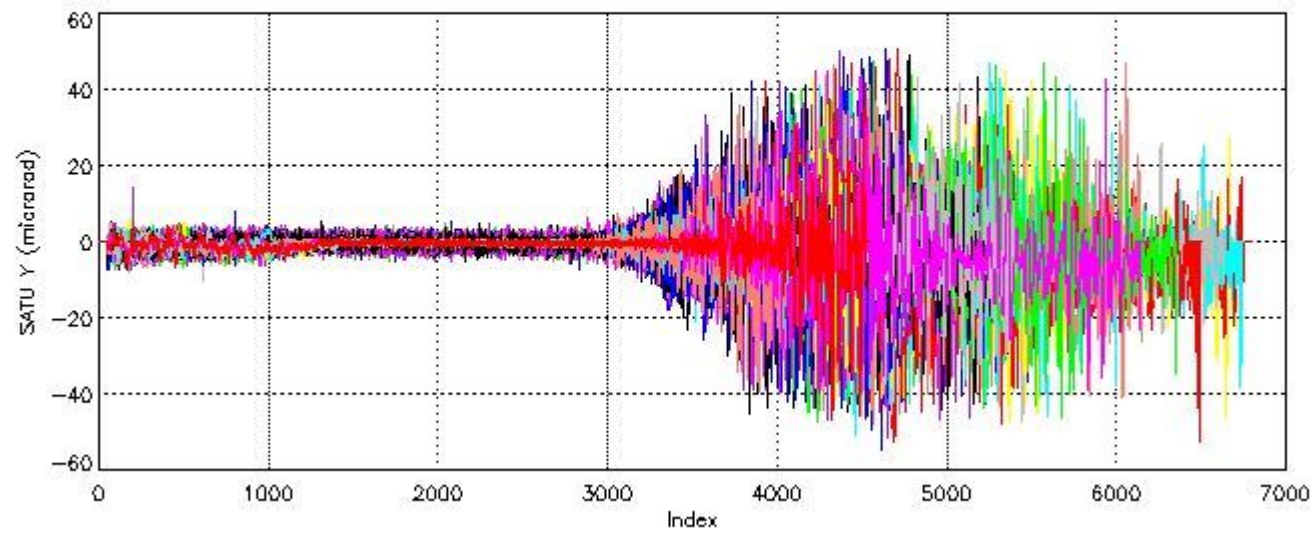
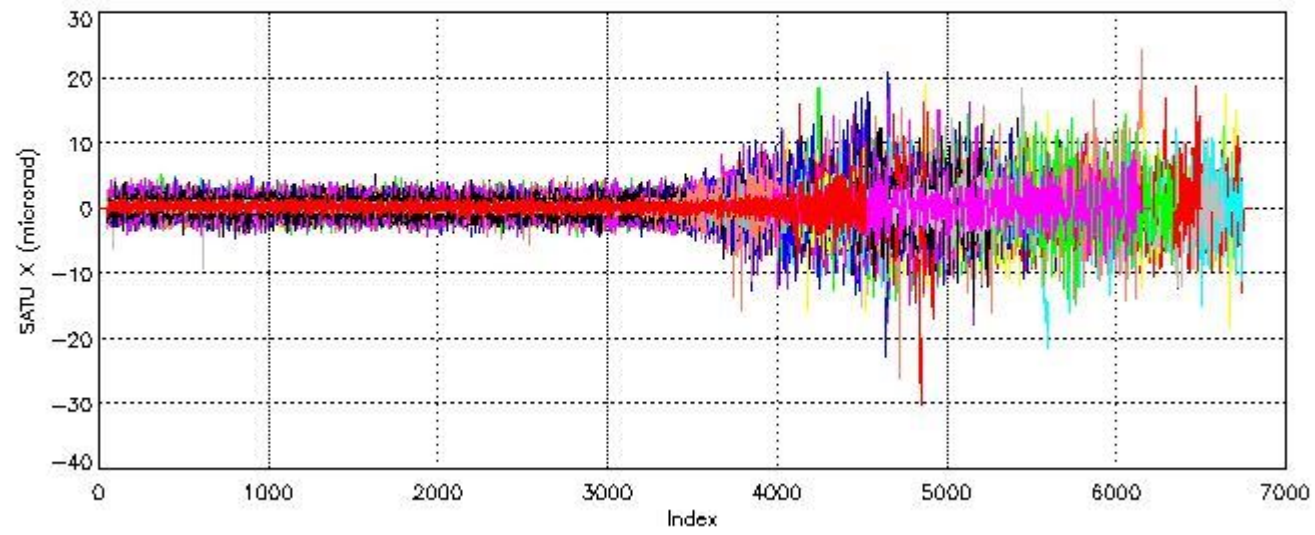


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.20559	-1.0615	0.24588	-1.1934
St. deviation:	0.49254	1.4822	0.78258	1.5195
Maximum:	5.0000	14.200	5.5000	28.200
Minimum:	-9.2000	-10.500	-4.6000	-8.8000



Number of data:	76450.	76450.	1.4790E+05	1.4790E+05
90Percentile:	0.80000	0.80000	1.3000	0.60000

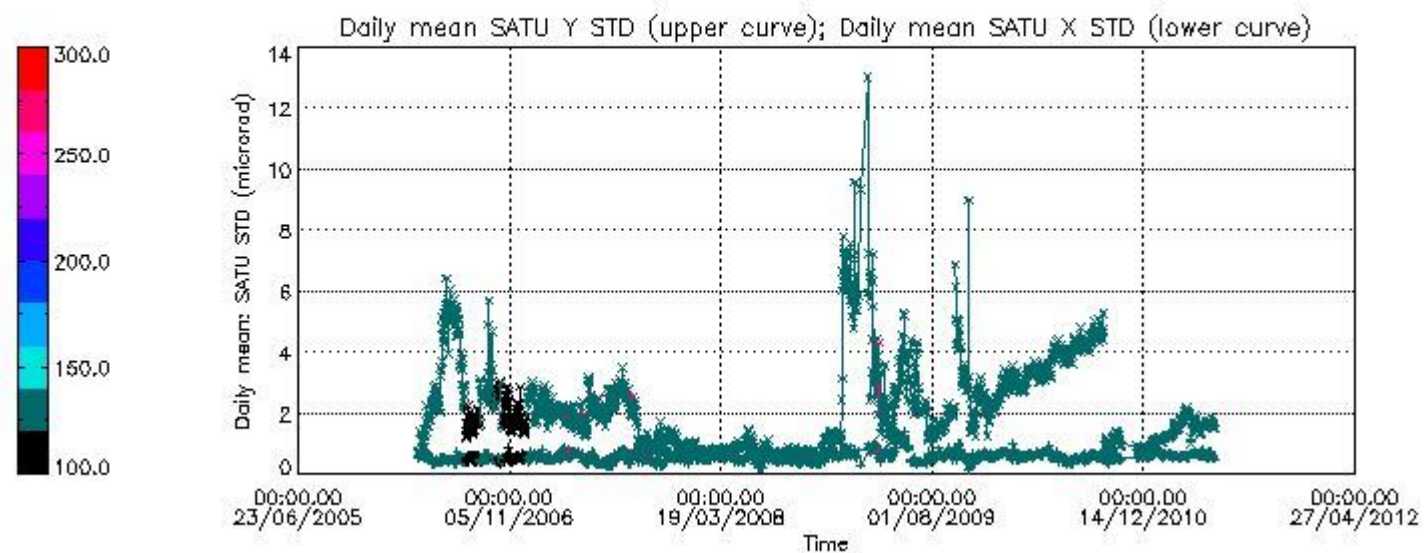
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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.

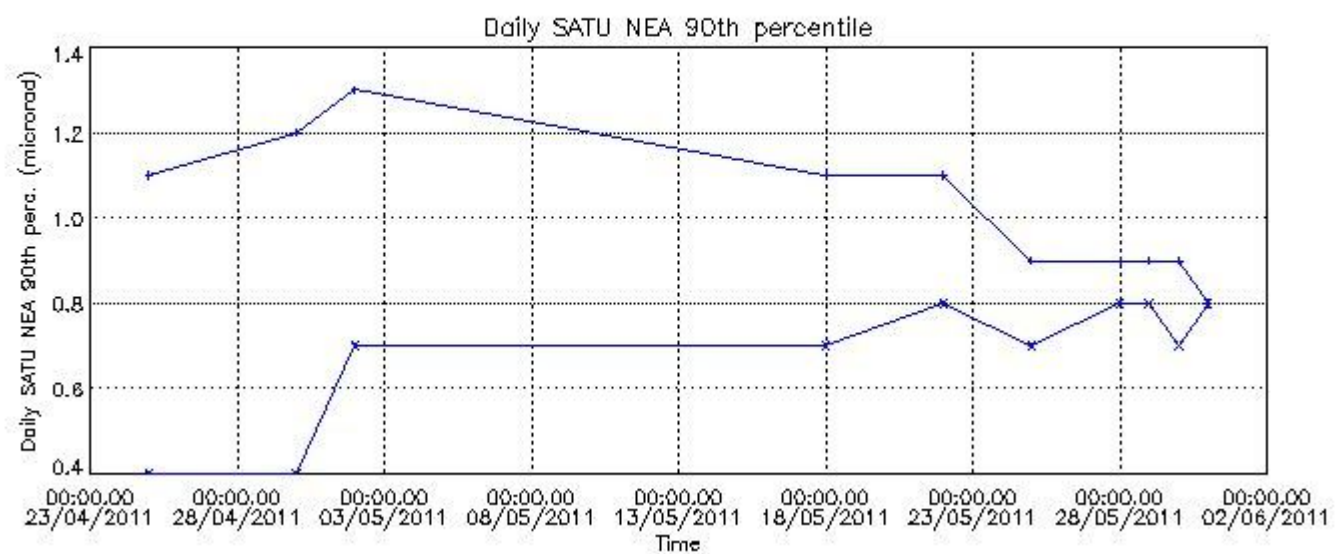
Upper curve: STD of SATU Y axis

Lower curve: STD of SATU X axis



Lower curve: 90th percentile of SATU Y axis

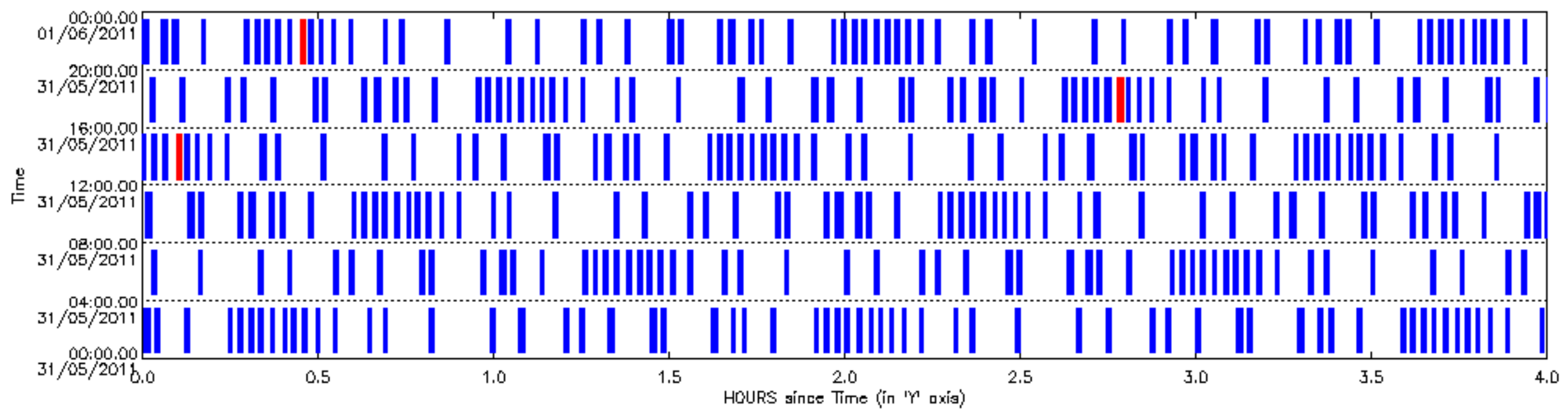
Upper curve: 90th percentile of SATU X axis



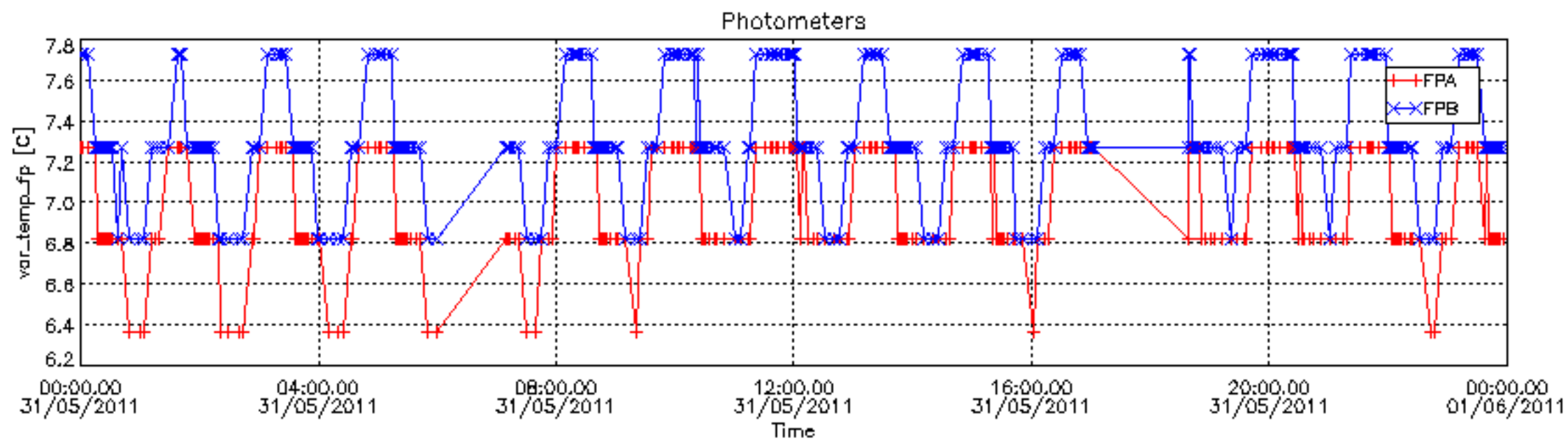
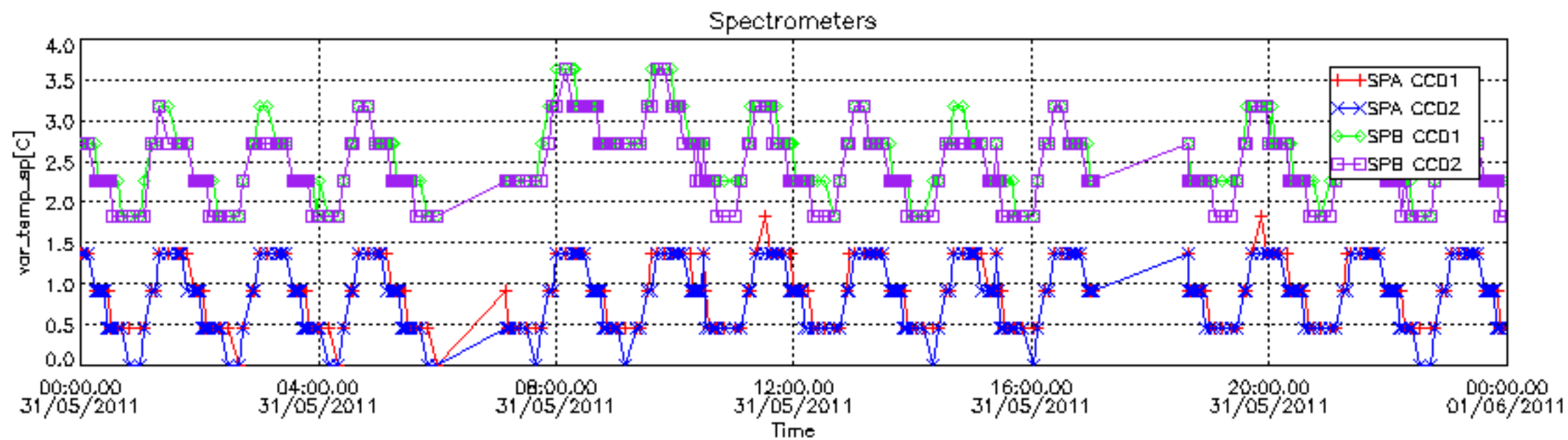
### 8. Auxiliary Data Files used for the production reported in section 2.4

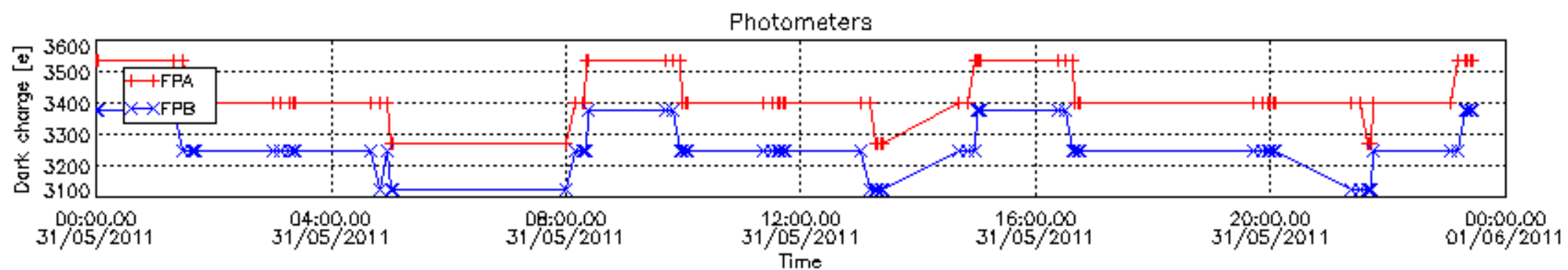
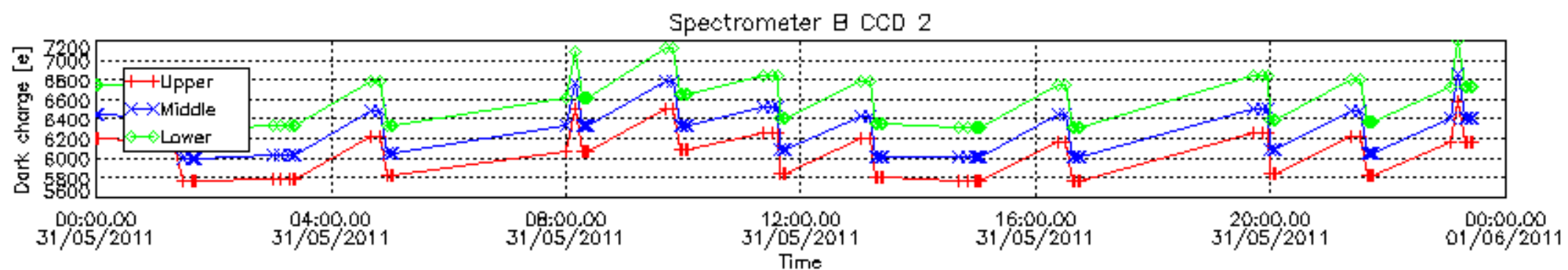
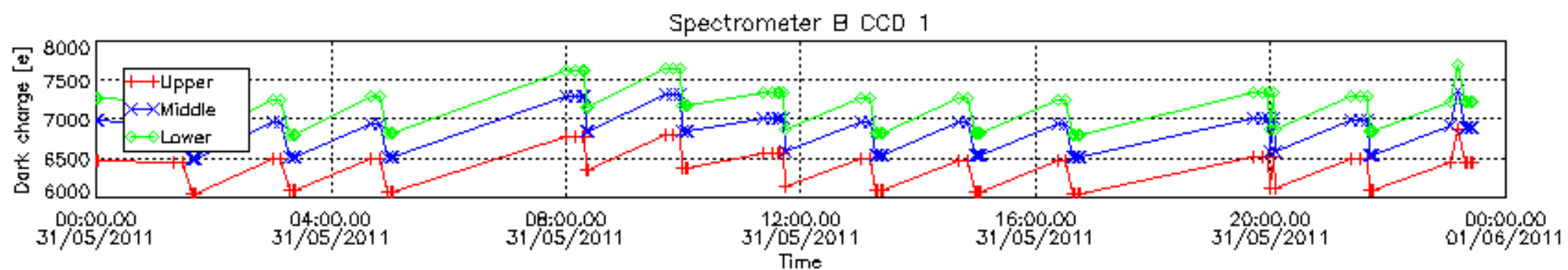
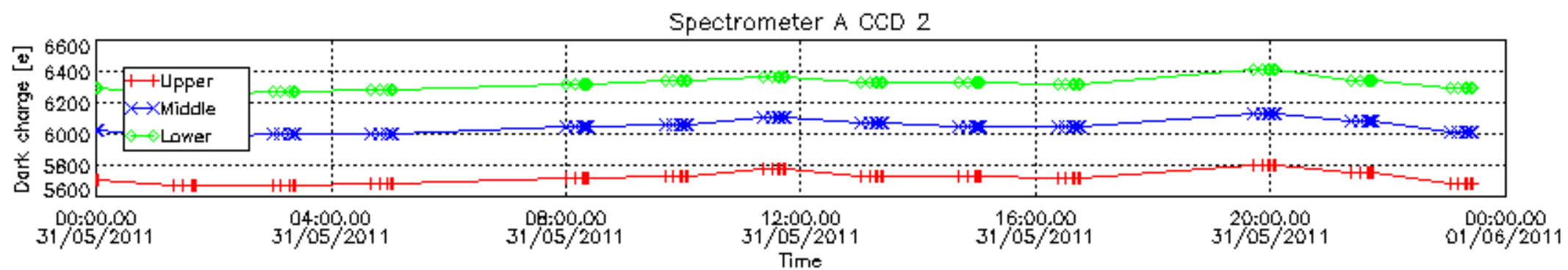
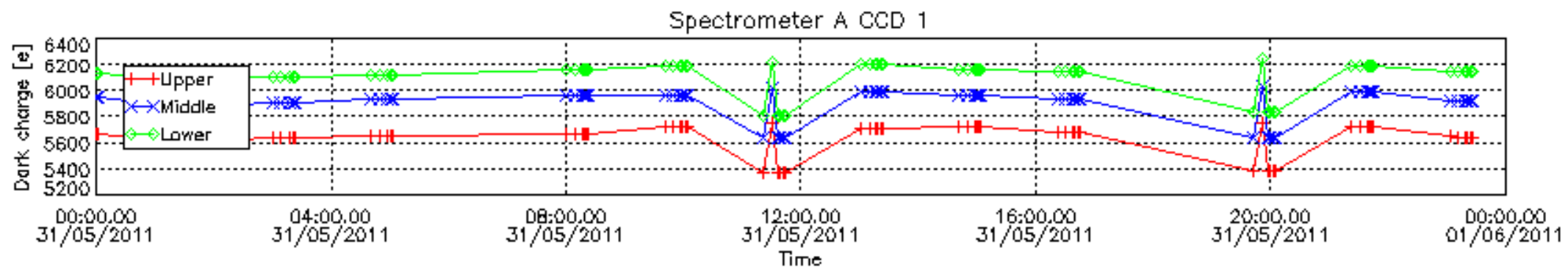
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

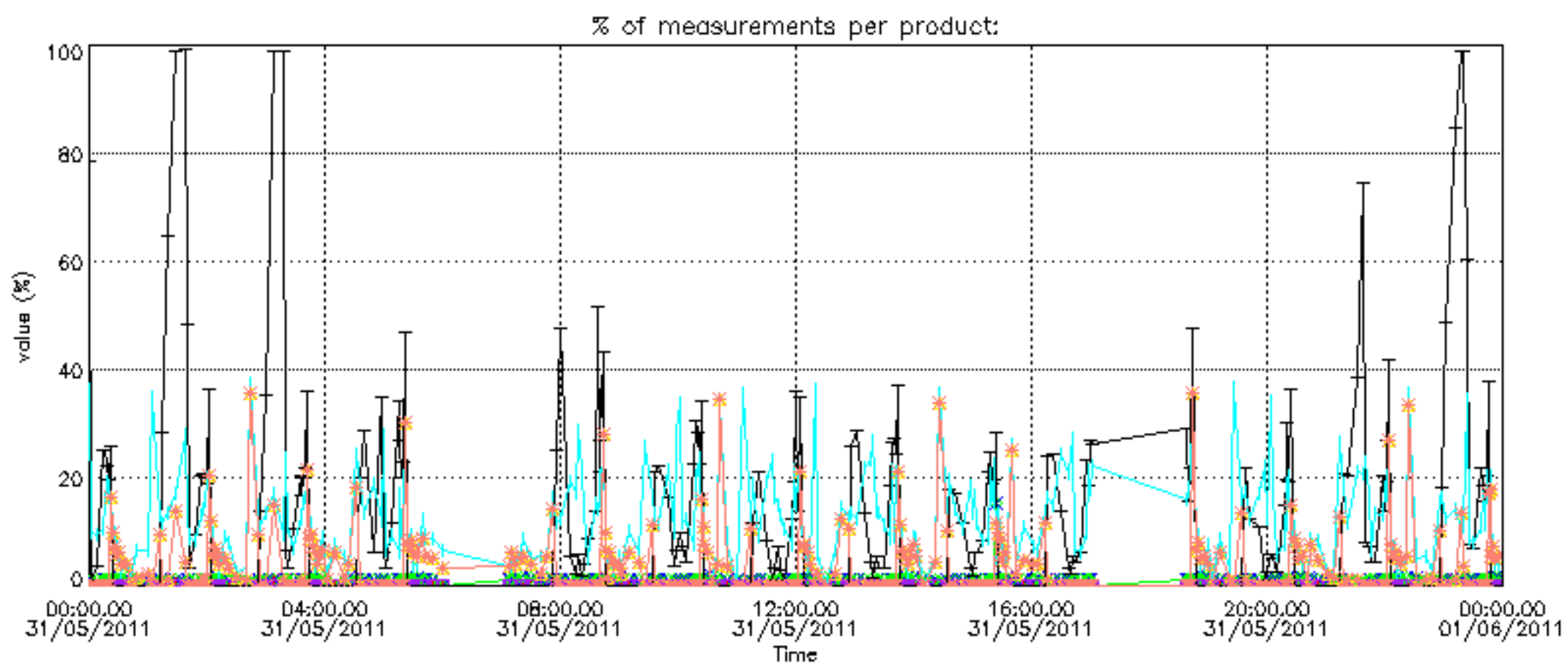
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	31-MAY-2011 00:00:15
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110526_082123_20110525_000000_20500101_000000	1	31-MAY-2011 00:00:15
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	31-MAY-2011 00:00:15
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	31-MAY-2011 00:00:15
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	31-MAY-2011 00:00:15
ECMWF_FILE	AUX_ECF_AXNECM20110530_062116_20110530_210000_20110531_090000	1	31-MAY-2011 00:00:15
ECMWF_FILE	AUX_ECF_AXNECM20110530_182114_20110531_030000_20110531_150000	63	31-MAY-2011 04:19:46
ECMWF_FILE	AUX_ECA_AXNECM20110531_062338_20110530_210000_20110531_090000	87	31-MAY-2011 07:08:15
ECMWF_FILE	AUX_ECF_AXNECM20110530_182114_20110531_030000_20110531_150000	112	31-MAY-2011 08:50:40
ECMWF_FILE	AUX_ECF_AXNECM20110531_062339_20110531_090000_20110531_210000	135	31-MAY-2011 10:28:43
ECMWF_FILE	AUX_ECA_AXNECM20110531_180340_20110531_090000_20110531_210000	158	31-MAY-2011 12:08:57
ECMWF_FILE	AUX_ECF_AXNECM20110531_062339_20110531_090000_20110531_210000	181	31-MAY-2011 13:47:19
ECMWF_FILE	AUX_ECA_AXNECM20110531_180340_20110531_090000_20110531_210000	203	31-MAY-2011 15:23:57
ECMWF_FILE	AUX_ECF_AXNECM20110531_062339_20110531_150000_20110601_030000	250	31-MAY-2011 20:17:25
ECMWF_FILE	AUX_ECF_AXNECM20110531_062340_20110531_210000_20110601_090000	267	31-MAY-2011 21:31:27
OPTIONAL_ECMWF_FILE	MISSING	1	31-MAY-2011 00:00:15
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110530_234553_000057383103_00073_48363_6111.N1	1	31-MAY-2011 00:00:15
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110528_102115_20110527_190825_20110606_212212	22	31-MAY-2011 01:28:32
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110531_041651_000057383103_00076_48366_6115.N1	63	31-MAY-2011 04:19:46
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110531_070652_000057383103_00078_48368_4705.N1	87	31-MAY-2011 07:08:15
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110531_084749_000057383103_00079_48369_4706.N1	112	31-MAY-2011 08:50:40
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110531_102846_000054193103_00080_48370_4707.N1	135	31-MAY-2011 10:28:43
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110531_120424_000057383103_00081_48371_4708.N1	158	31-MAY-2011 12:08:57
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110531_134521_000054193103_00082_48372_4709.N1	181	31-MAY-2011 13:47:19
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110531_152100_000057383103_00083_48373_4710.N1	203	31-MAY-2011 15:23:57
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110531_183735_000054193103_00085_48375_4712.N1	227	31-MAY-2011 18:37:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110531_201313_000041443103_00086_48376_6116.N1	250	31-MAY-2011 20:17:25
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110531_212736_000057383103_00086_48376_6117.N1	267	31-MAY-2011 21:31:27
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110531_230833_000057383103_00087_48377_6118.N1	291	31-MAY-2011 23:11:42





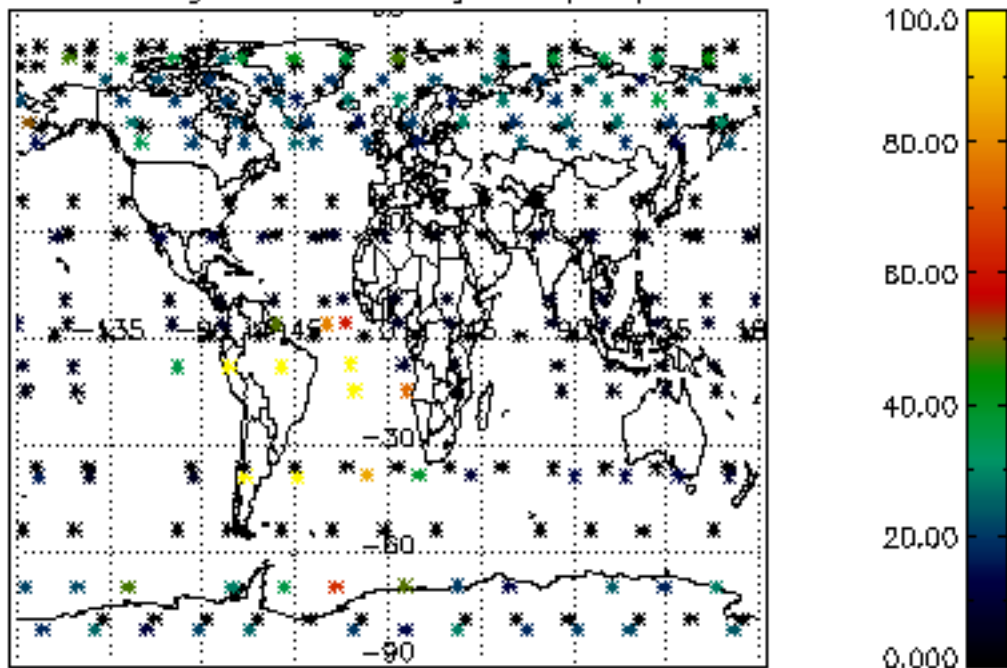




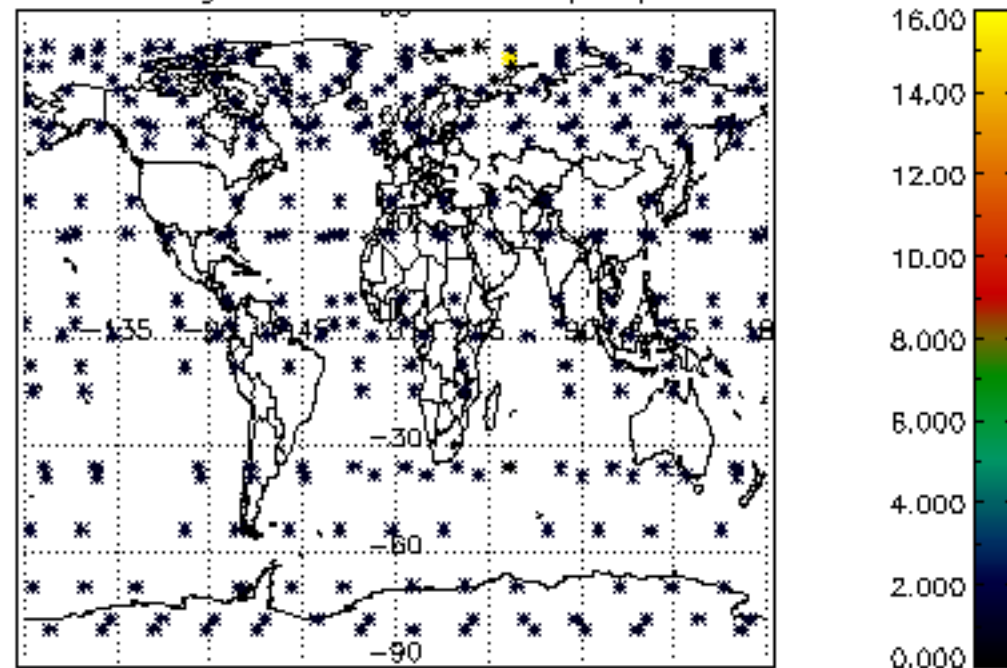




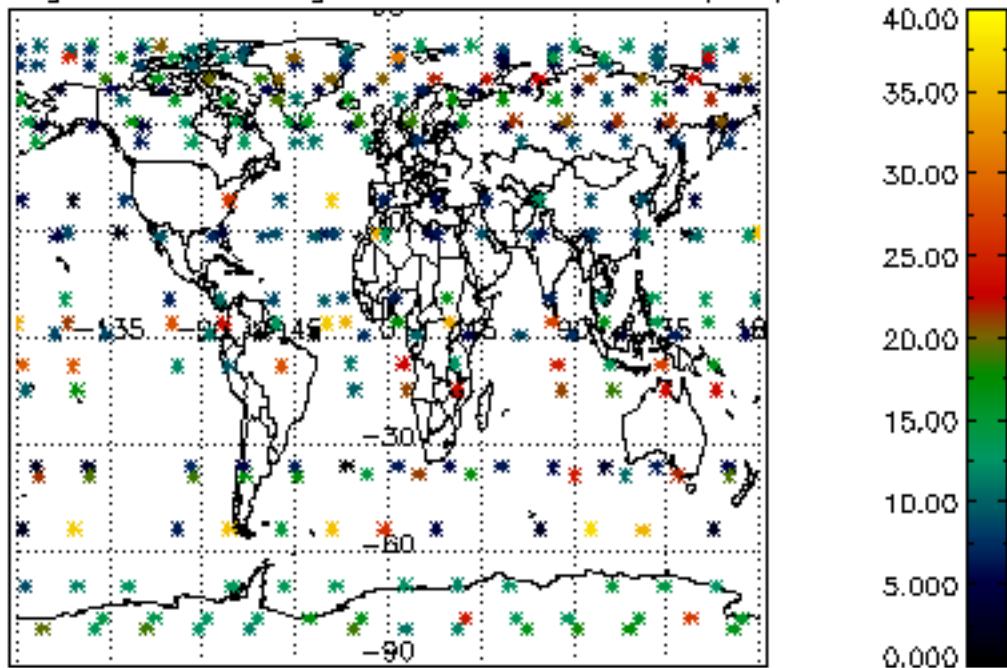
Percentage of cosmic ray hits per profile



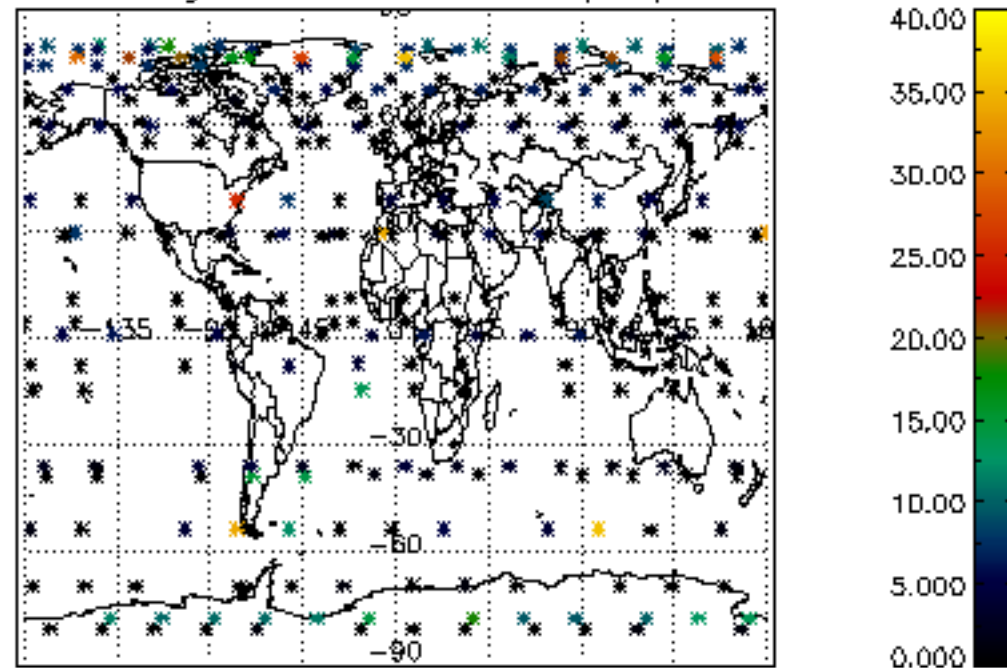
Percentage of datation errors per profile



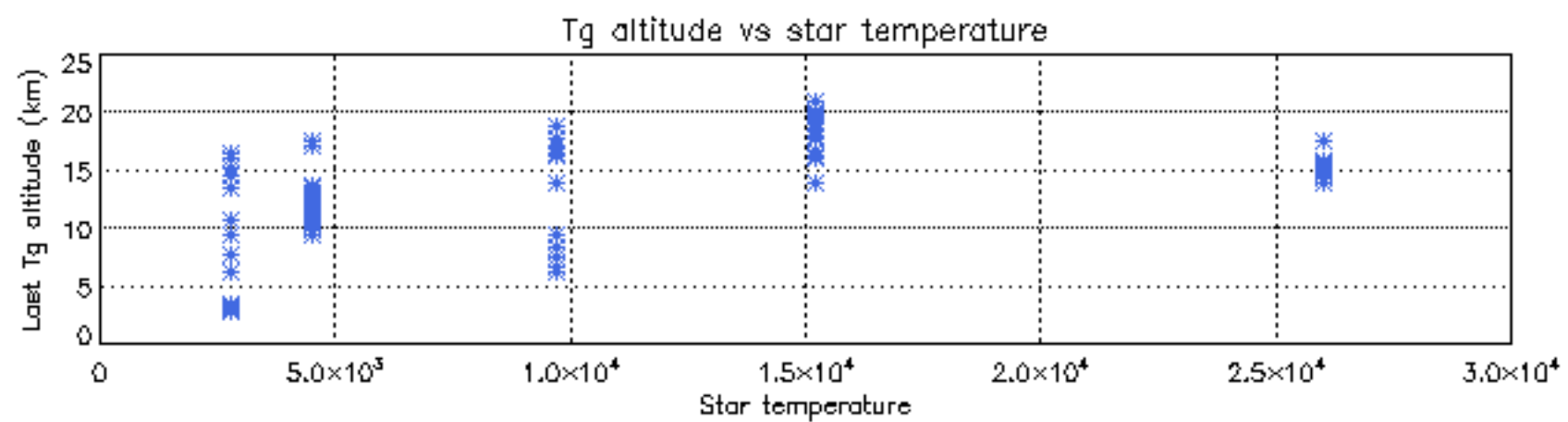
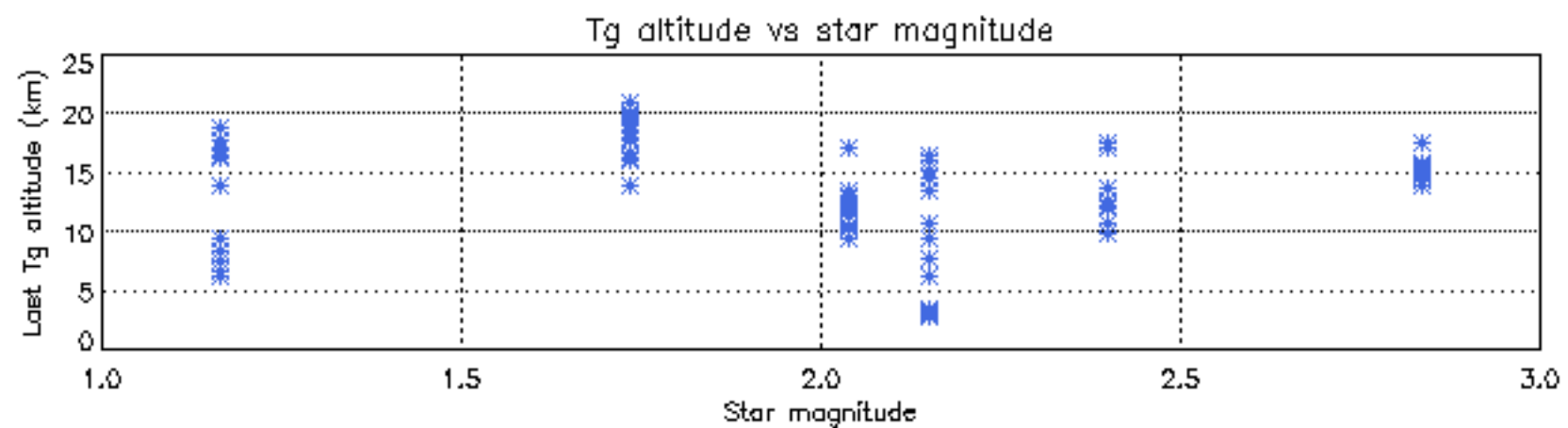
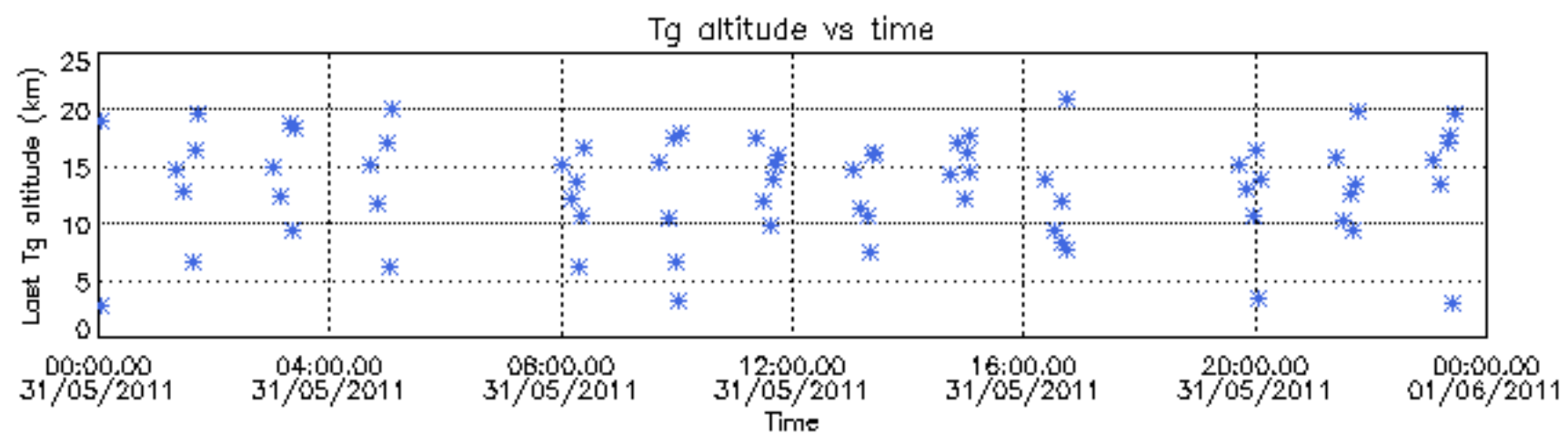
Percentage of star falling outside central band per profile



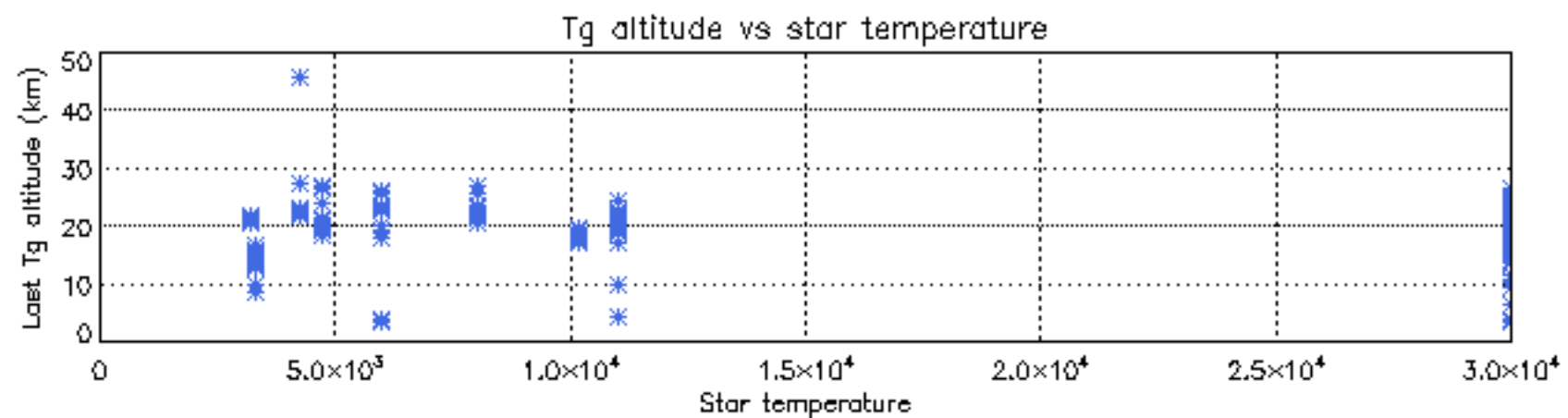
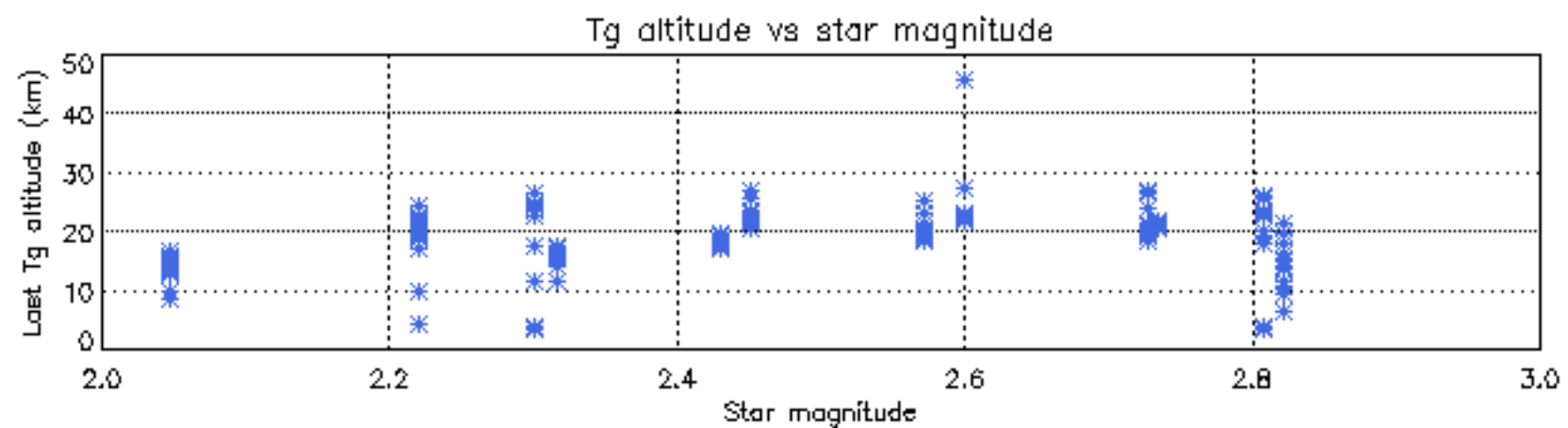
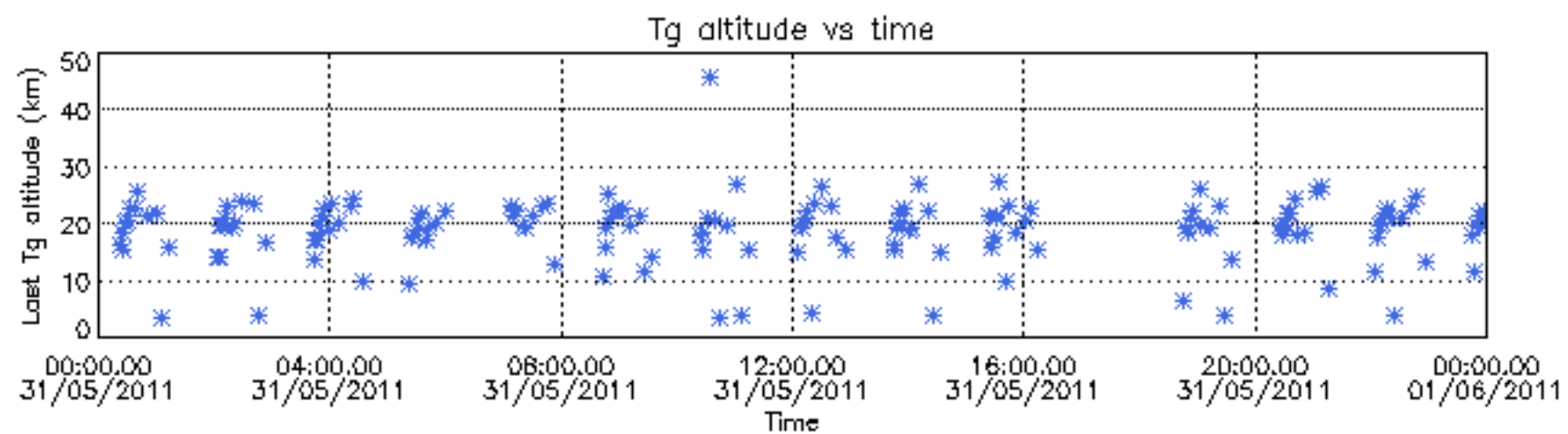
Percentage of saturation errors per profile



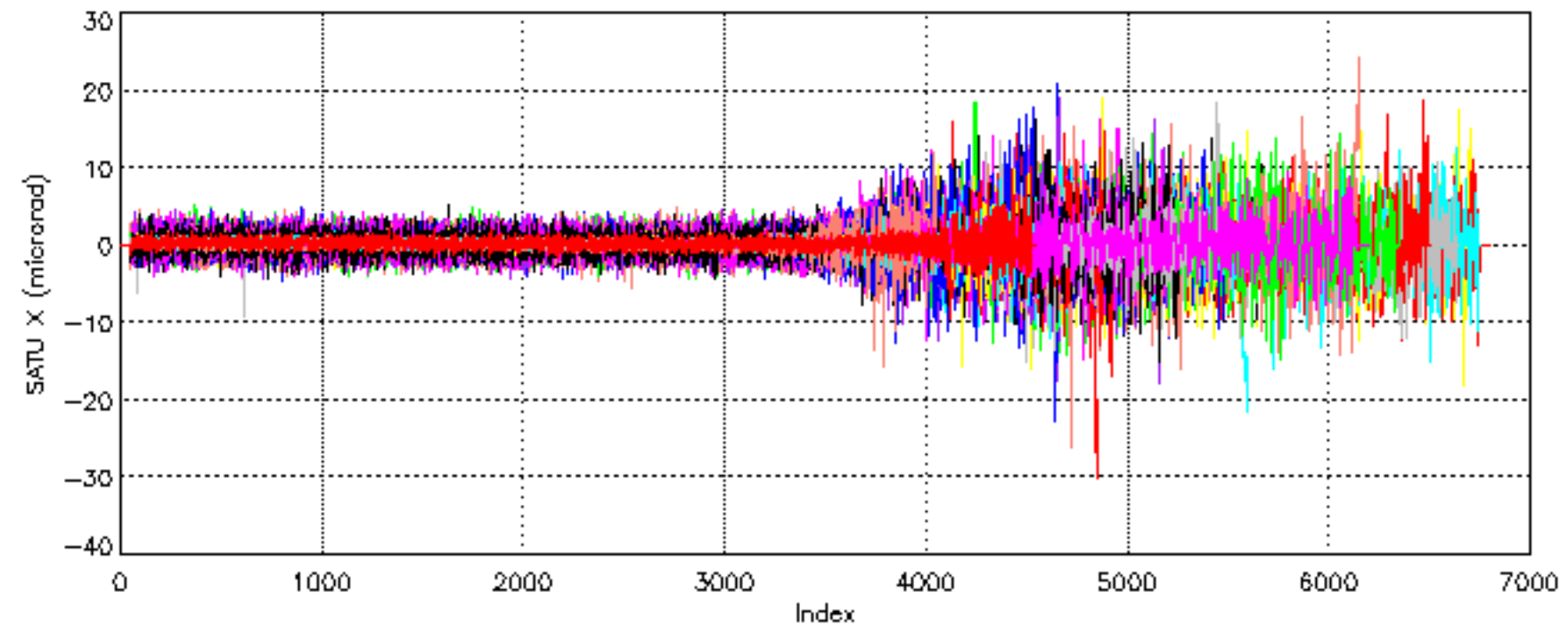
Tangent altitude at which the star is lost

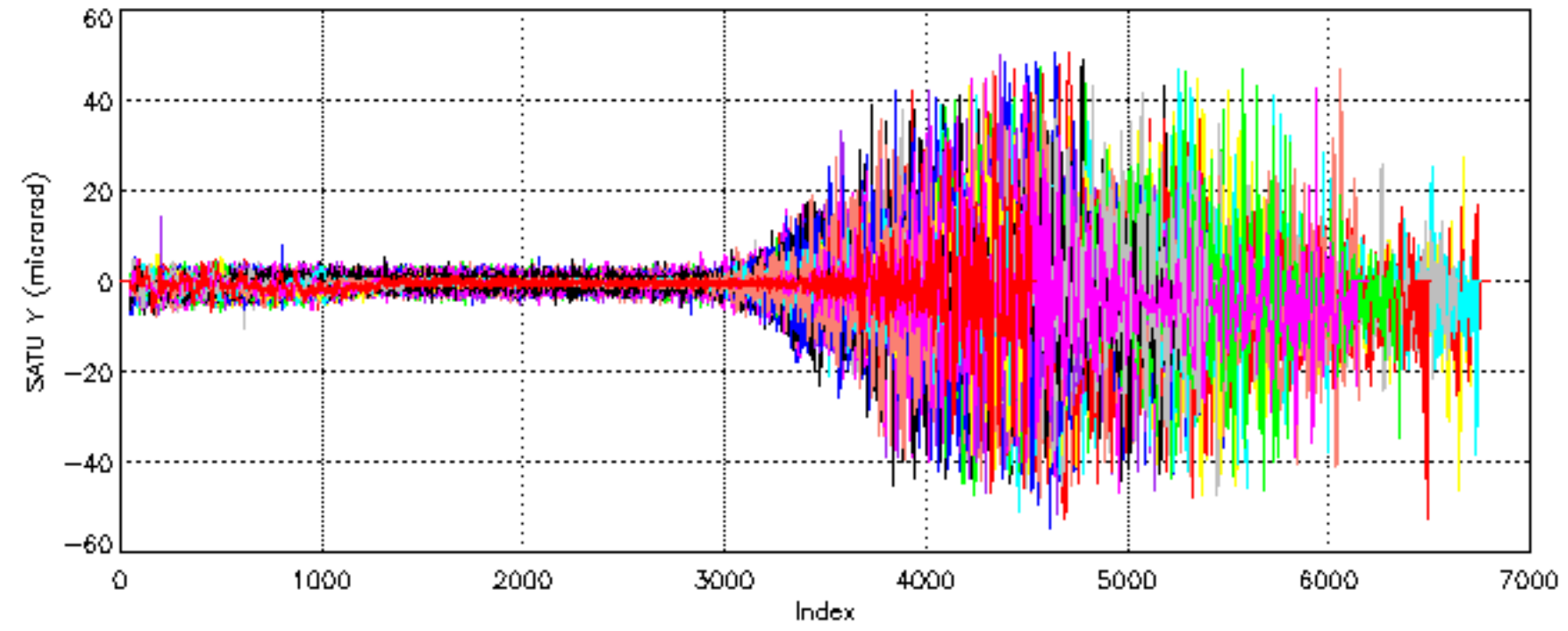


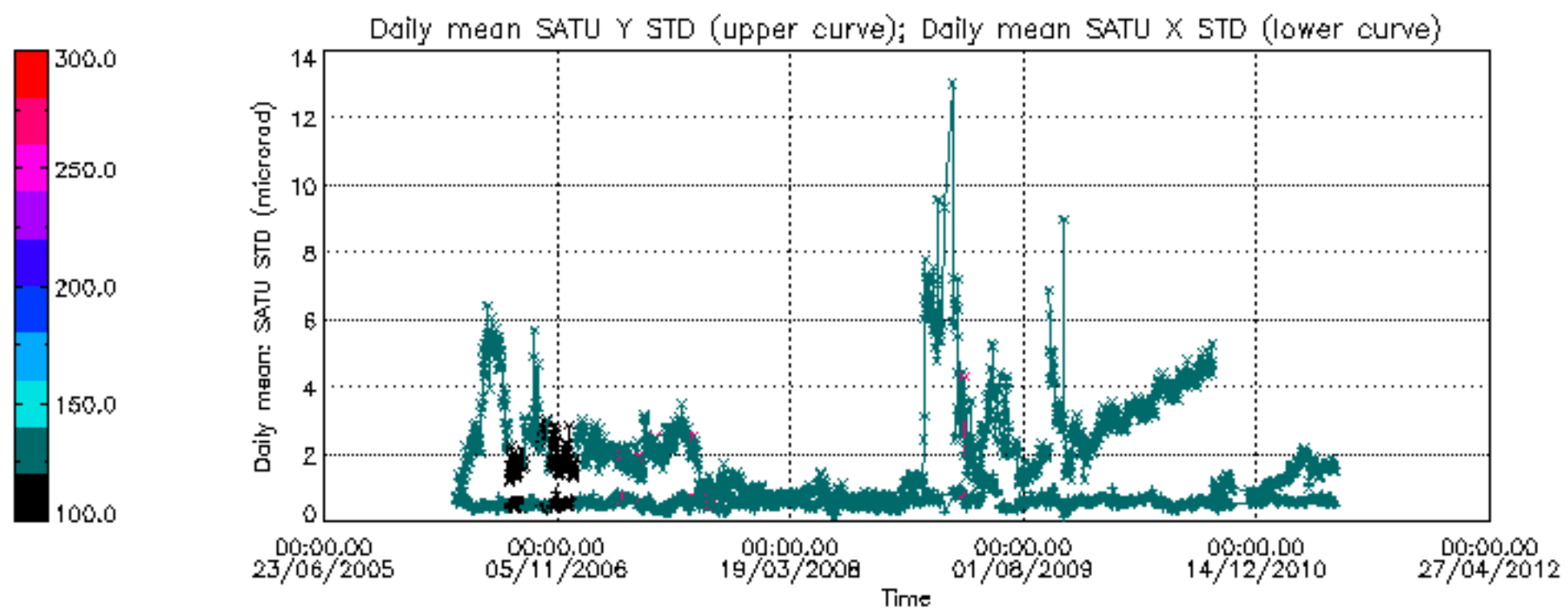
Tangent altitude at which the star is lost



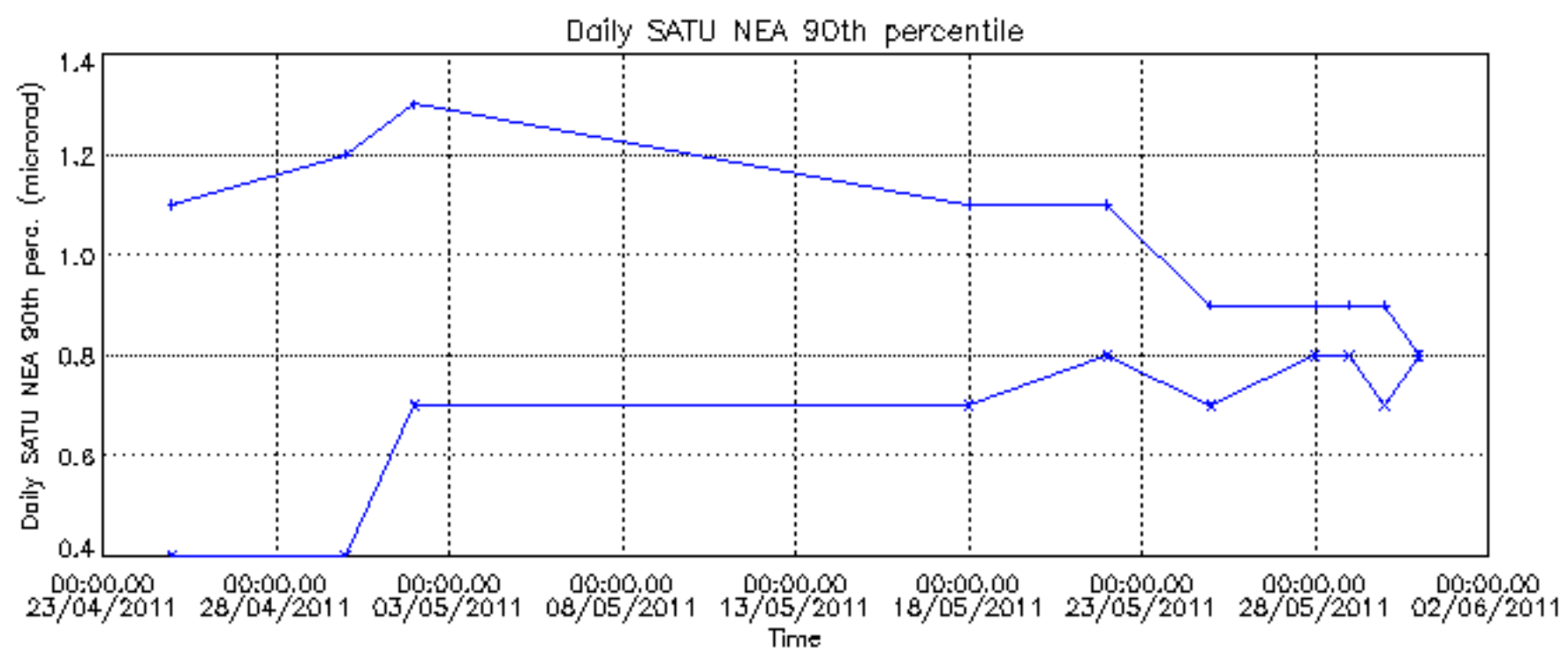












```

/data4_2/GOMOS/data_tmp/GOM_NL__0PNPDE20110511_002754_000051163102_00217_48076_5711.N1
 1; -259.5; 11-MAY-2011 00:27:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48076
 2; -138.6; 11-MAY-2011 00:29:55; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;48076
 3; -57.9; 11-MAY-2011 00:31:16; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;48076
 4; 276.6; 11-MAY-2011 00:36:50; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;48077
 5; 717.5; 11-MAY-2011 00:44:11; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;48077
 6; 860.3; 11-MAY-2011 00:46:34; Dark ; 55.0; 40; The Sco ; 1.86; 7100;occ; 110; 0;48077
 7; 970.8; 11-MAY-2011 00:48:24; Dark ; 57.5; 25; 35Lam Sco ; 1.62; 28000;occ; 115; 0;48077
 8; 1123.8; 11-MAY-2011 00:50:57; Dark ; 55.0; 75; 26Eps Sco ; 2.29; 4250;occ; 110; 0;48077
 9; 1318.6; 11-MAY-2011 00:54:12; Dark ; 64.0; 16; 21Alp Sco ; 1.02; 3000;occ; 128; 0;48077
10; 1429.3; 11-MAY-2011 00:56:03; Dark ; 56.0; 80; 7Del Sco ; 2.32; 30000;occ; 112; 0;48077
11; 1597.0; 11-MAY-2011 00:58:51; Bright; 39.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 79; 0;48077
12; 1713.5; 11-MAY-2011 01:00:47; Bright; 40.5; 104; 27Bet Lib ; 2.61; 13100;occ; 81; 0;48077
13; 2053.5; 11-MAY-2011 01:06:27; Bright; 48.5; 102; 24Alp Ser ; 2.60; 4250;occ; 97; 0;48077
14; 2224.0; 11-MAY-2011 01:09:18; Bright; 38.0; 3; 16Alp Boo ;-0.05; 4250;occ; 76; 0;48077
15; 2382.3; 11-MAY-2011 01:11:56; Bright; 42.5; 83; ; 2.38; 11000;occ; 85; 0;48077
16; 2568.3; 11-MAY-2011 01:15:02; Bright; 38.5; 180; 27Gam Boo ; 3.04; 8000;occ; 77; 0;48077
17; 3105.1; 11-MAY-2011 01:23:59; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;48077
18; 3754.5; 11-MAY-2011 01:34:48; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;48077
19; 3944.7; 11-MAY-2011 01:37:58; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;48077
20; 4542.4; 11-MAY-2011 01:47:56; Dark ; 59.0; 93; 53Bet Peg ; 2.52; 3100;occ; 118; 0;48077
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 4; 1188.4; 20-MAY-2011 20:24:55; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;48218  
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 6; 952.1; 20-MAY-2011 23:41:26; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;48220  
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 8; 1189.0; 20-MAY-2011 23:45:23; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;48220  
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15; 5892.1; 21-MAY-2011 14:25:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48228
16; 6073.2; 21-MAY-2011 14:28:39; Dark ; 56.0; 31; Alp Gru ; 1.73; 15200;occ; 112; 0;48229
17; 6397.3; 21-MAY-2011 14:34:04; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;48229
18; 6875.3; 21-MAY-2011 14:42:01; Dark ; 42.0; 147; Alp Ara ; 2.88; 26000;occ; 84; 0;48229
19; 6971.0; 21-MAY-2011 14:43:37; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;48229
20; 7081.5; 21-MAY-2011 14:45:28; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;48229
21; 7206.5; 21-MAY-2011 14:47:33; Dark ; 53.0; 75; 26Eps Sco ; 2.29; 4250;occ; 106; 0;48229
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2; 1461.7; 21-MAY-2011 14:52:02; Bright; 45.0; 80; 7Del Sco ; 2.32; 30000;occ; 90; 0;48229
3; 1566.1; 21-MAY-2011 14:53:46; Bright; 54.0; 86; 35Eta Oph ; 2.43; 10200;occ; 108; 0;48229
4; 1689.2; 21-MAY-2011 14:55:49; Bright; 48.0; 98; 13Zet Oph ; 2.57; 30000;occ; 96; 0;48229

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6; 2014.6; 21-MAY-2011 15:01:15; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;48229  
7; 2384.0; 21-MAY-2011 15:07:24; Bright; 40.0; 67; 5Alp CrB ; 2.22; 11000;occ; 80; 0;48229  
8; 2602.0; 21-MAY-2011 15:11:02; Bright; 49.5; 133; 40Zet Her ; 2.81; 6000;occ; 99; 0;48229  
9; 3035.9; 21-MAY-2011 15:18:16; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;48229  
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11; 3685.5; 21-MAY-2011 15:29:06; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;48229  
12; 3934.0; 21-MAY-2011 15:33:14; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;48229  
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22; 7082.2; 21-MAY-2011 16:25:42; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;48230  
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3; 1069.1; 21-MAY-2011 19:46:11; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;48232  
4; 1193.8; 21-MAY-2011 19:48:16; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;48232  
5; 1366.5; 21-MAY-2011 19:51:09; Dark ; 55.5; 16; 21Alp Sco ; 1.02; 3000;occ; 111; 0;48232  
6; 1462.1; 21-MAY-2011 19:52:44; Bright; 44.0; 80; 7Del Sco ; 2.32; 30000;occ; 88; 0;48232  
7; 1566.3; 21-MAY-2011 19:54:29; Bright; 53.5; 86; 35Eta Oph ; 2.43; 10200;occ; 107; 0;48232  
8; 1689.0; 21-MAY-2011 19:56:31; Bright; 47.0; 98; 13Zet Oph ; 2.57; 30000;occ; 94; 0;48232  
9; 1829.3; 21-MAY-2011 19:58:52; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;48232  
10; 2014.3; 21-MAY-2011 20:01:57; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;48232  
11; 2383.0; 21-MAY-2011 20:08:05; Bright; 40.5; 67; 5Alp CrB ; 2.22; 11000;occ; 81; 0;48232  
12; 2599.6; 21-MAY-2011 20:11:42; Bright; 51.0; 133; 40Zet Her ; 2.81; 6000;occ; 102; 0;48232  
13; 3034.6; 21-MAY-2011 20:18:57; Bright; 59.0; 119; 14Eta Dra ; 2.73; 4700;occ; 118; 0;48232  
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16; 3933.5; 21-MAY-2011 20:33:56; Bright; 57.0; 74; 11Bet Cas ; 2.27; 6600;occ; 114; 0;48232  
17; 4507.5; 21-MAY-2011 20:43:30; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;48232  
18; 4770.7; 21-MAY-2011 20:47:53; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;48232  
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4; 385.9; 21-MAY-2011 21:15:02; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;48233  
5; 863.2; 21-MAY-2011 21:23:00; Dark ; 44.0; 147; Alp Ara ; 2.88; 26000;occ; 88; 0;48233  
6; 959.4; 21-MAY-2011 21:24:36; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;48233  
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12; 1689.0; 21-MAY-2011 21:36:45; Bright; 47.0; 98; 13Zet Oph ; 2.57; 30000;occ; 94; 0;48233  
13; 1829.2; 21-MAY-2011 21:39:06; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;48233  
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16; 2598.9; 21-MAY-2011 21:51:55; Bright; 47.5; 133; 40Zet Her ; 2.81; 6000;occ; 95; 0;48233  
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18; 3134.2; 21-MAY-2011 22:00:51; Bright; 55.0; 69; 33Gam Dra ; 2.23; 3800;occ; 110; 0;48233  
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21; 4507.7; 21-MAY-2011 22:23:44; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;48233  
22; 4771.0; 21-MAY-2011 22:28:07; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;48233  
23; 4894.1; 21-MAY-2011 22:30:10; Dark ; 60.0; 90; 54Alp Peg ; 2.49; 11000;occ; 120; 0;48233

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3; 63.2; 21-MAY-2011 22:49:53; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;48234  
4; 386.7; 21-MAY-2011 22:55:17; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;48234

5; 863.7; 21-MAY-2011 23:03:14; Dark ; 41.5; 147; Alp Ara ; 2.88; 26000;occ; 83; 0;48234  
6; 959.7; 21-MAY-2011 23:04:50; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;48234  
7; 1070.4; 21-MAY-2011 23:06:41; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;48234  
8; 1194.5; 21-MAY-2011 23:08:45; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;48234  
9; 1366.9; 21-MAY-2011 23:11:37; Dark ; 54.5; 16; 21Alp Sco ; 1.02; 3000;occ; 109; 0;48234  
10; 1462.4; 21-MAY-2011 23:13:13; Bright; 44.0; 80; 7Del Sco ; 2.32; 30000;occ; 88; 0;48234  
11; 1566.3; 21-MAY-2011 23:14:57; Bright; 53.0; 86; 35Eta Oph ; 2.43; 10200;occ; 106; 0;48234  
12; 1688.8; 21-MAY-2011 23:16:59; Bright; 48.5; 98; 13Zet Oph ; 2.57; 30000;occ; 97; 0;48234  
13; 1829.1; 21-MAY-2011 23:19:19; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;48234  
14; 2013.7; 21-MAY-2011 23:22:24; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;48234  
15; 2382.2; 21-MAY-2011 23:28:32; Bright; 40.0; 67; 5Alp CrB ; 2.22; 11000;occ; 80; 0;48234  
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18; 3133.1; 21-MAY-2011 23:41:03; Bright; 47.0; 69; 33Gam Dra ; 2.23; 3800;occ; 94; 0;48234  
19; 3682.8; 21-MAY-2011 23:50:13; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;48234  
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21; 4507.8; 22-MAY-2011 00:03:58; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;48234  
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6; 1689.1; 21-MAY-2011 18:16:17; Bright; 48.5; 98; 13Zet Oph ; 2.57; 30000;occ; 97; 0;48231  
7; 1829.6; 21-MAY-2011 18:18:38; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;48231  
8; 2014.4; 21-MAY-2011 18:21:43; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;48231  
9; 2383.3; 21-MAY-2011 18:27:52; Bright; 39.5; 67; 5Alp CrB ; 2.22; 11000;occ; 79; 0;48231  
10; 2600.5; 21-MAY-2011 18:31:29; Bright; 51.5; 133; 40Zet Her ; 2.81; 6000;occ; 103; 0;48231  
11; 3035.2; 21-MAY-2011 18:38:44; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;48231  
12; 3136.2; 21-MAY-2011 18:40:24; Bright; 55.0; 69; 33Gam Dra ; 2.23; 3800;occ; 110; 0;48231  
13; 3684.4; 21-MAY-2011 18:49:33; Bright; 53.5; 89; 5Alp Cep ; 2.45; 8000;occ; 107; 0;48231  
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3; 64.0; 22-MAY-2011 00:30:08; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;48235  
4; 387.3; 22-MAY-2011 00:35:31; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;48235  
5; 864.1; 22-MAY-2011 00:43:28; Dark ; 44.0; 147; Alp Ara ; 2.88; 26000;occ; 88; 0;48235  
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7; 1070.8; 22-MAY-2011 00:46:55; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;48235  
8; 1194.7; 22-MAY-2011 00:48:59; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;48235  
9; 1367.2; 22-MAY-2011 00:51:51; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;48235  
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11; 1566.6; 22-MAY-2011 00:55:11; Bright; 54.5; 86; 35Eta Oph ; 2.43; 10200;occ; 109; 0;48235  
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16; 2597.2; 22-MAY-2011 01:12:21; Bright; 51.0; 133; 40Zet Her ; 2.81; 6000;occ; 102; 0;48235  
17; 3033.4; 22-MAY-2011 01:19:38; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;48235  
18; 3132.4; 22-MAY-2011 01:21:17; Bright; 54.5; 69; 33Gam Dra ; 2.23; 3800;occ; 109; 0;48235  
19; 3682.3; 22-MAY-2011 01:30:26; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;48235  
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 5; 864.9; 22-MAY-2011 02:23:43; Dark ; 44.0; 147; Alp Ara ; 2.88; 26000;occ; 88; 0;48236  
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22;	4776.9;	23-MAY-2011	01:11:57;	Dark	;	42.5;	140;	88Gam	Peg	;	2.83;	26000;occ;	85;	0;	48249
23;	4905.9;	23-MAY-2011	01:14:06;	Dark	;	62.5;	90;	54Alp	Peg	;	2.49;	11000;occ;	125;	0;	48249
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 5; -822.1; 25-MAY-2011 05:06:05; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48280  
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 8; 103.5; 25-MAY-2011 05:21:31; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;48281  
 9; 419.9; 25-MAY-2011 05:26:47; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;48281  
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 16; 1689.1; 25-MAY-2011 05:47:57; Bright; 44.5; 98; 13Zet Oph ; 2.57; 30000;occ; 89; 0;48281  
 17; 1825.3; 25-MAY-2011 05:50:13; Bright; 42.0; 120; 1Del Oph ; 2.73; 3200;occ; 84; 0;48281  
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 20; 2564.0; 25-MAY-2011 06:02:32; Bright; 48.0; 133; 40Zet Her ; 2.81; 6000;occ; 96; 0;48281  
 21; 3016.4; 25-MAY-2011 06:10:04; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;48281

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 4;-1225.1; 25-MAY-2011 06:39:37; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;48281  
 5; -821.4; 25-MAY-2011 06:46:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48281  
 6; -228.6; 25-MAY-2011 06:56:13; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;48281  
 7; 0.4; 25-MAY-2011 07:00:02; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;48281  
 8; 104.5; 25-MAY-2011 07:01:46; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;48282  
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 10; 985.7; 25-MAY-2011 07:16:27; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;48282  
 11; 1095.1; 25-MAY-2011 07:18:17; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;48282  
 12; 1212.6; 25-MAY-2011 07:20:14; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;48282  
 13; 1379.4; 25-MAY-2011 07:23:01; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;48282  
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 15; 1570.9; 25-MAY-2011 07:26:12; Bright; 49.5; 86; 35Eta Oph ; 2.43; 10200;occ; 99; 0;48282  
 16; 1688.8; 25-MAY-2011 07:28:10; Bright; 2.5; 98; 13Zet Oph ; 2.57; 30000;occ; 5; 0;48282

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 4; 2370.0; 25-MAY-2011 07:39:32; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;48282  
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 6; 3016.1; 25-MAY-2011 07:50:18; Bright; 58.0; 119; 14Eta Dra ; 2.73; 4700;occ; 116; 0;48282

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8; 3927.5; 25-MAY-2011 08:05:29; Bright; 53.5; 74; 11Bet Cas ; 2.27; 6600;occ; 107; 0;48282  
9; 4516.3; 25-MAY-2011 08:15:18; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;48282  
10; 4789.3; 25-MAY-2011 08:19:51; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;48282  
11; 5193.2; 25-MAY-2011 08:26:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48282  
12; 5786.3; 25-MAY-2011 08:36:28; Dark ; 60.0; 18; 24Alp PsA ; 1.17; 9700;occ; 120; 0;48282  
13; 6015.2; 25-MAY-2011 08:40:17; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;48282  
14; 6119.3; 25-MAY-2011 08:42:01; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;48283  
15; 6435.4; 25-MAY-2011 08:47:17; Dark ; 44.5; 45; Alp Pav ; 1.94; 26000;occ; 89; 0;48283  
16; 7000.2; 25-MAY-2011 08:56:42; Dark ; 47.0; 40; The Sco ; 1.86; 7100;occ; 94; 0;48283  
17; 7109.5; 25-MAY-2011 08:58:31; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;48283  
18; 7226.8; 25-MAY-2011 09:00:28; Dark ; 51.5; 75; 26Eps Sco ; 2.29; 4250;occ; 103; 0;48283  
19; 7393.8; 25-MAY-2011 09:03:15; Dark ; 54.0; 16; 21Alp Sco ; 1.02; 3000;occ; 108; 0;48283  
20; 7485.9; 25-MAY-2011 09:04:47; Bright; 43.0; 80; 7Del Sco ; 2.32; 30000;occ; 86; 0;48283  
21; 7585.1; 25-MAY-2011 09:06:27; Bright; 50.0; 86; 35Eta Oph ; 2.43; 10200;occ; 100; 0;48283  
22; 7703.0; 25-MAY-2011 09:08:25; Bright; 44.5; 98; 13Zet Oph ; 2.57; 30000;occ; 89; 0;48283

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2; 1825.1; 25-MAY-2011 09:10:41; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;48283  
3; 2007.7; 25-MAY-2011 09:13:43; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;48283  
4; 2369.6; 25-MAY-2011 09:19:45; Bright; 40.0; 67; 5Alp CrB ; 2.22; 11000;occ; 80; 0;48283  
5; 2562.7; 25-MAY-2011 09:22:58; Bright; 69.0; 133; 40Zet Her ; 2.81; 6000;occ; 138; 0;48283  
6; 3015.7; 25-MAY-2011 09:30:31; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;48283  
7; 3657.3; 25-MAY-2011 09:41:13; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;48283  
8; 3927.2; 25-MAY-2011 09:45:43; Bright; 58.0; 74; 11Bet Cas ; 2.27; 6600;occ; 116; 0;48283  
9; 4516.5; 25-MAY-2011 09:55:32; Dark ; 49.5; 58; 21Alp And ; 2.07; 11000;occ; 99; 0;48283  
10; 4789.7; 25-MAY-2011 10:00:05; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;48283  
11; 5193.9; 25-MAY-2011 10:06:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;48283  
12; 5787.5; 25-MAY-2011 10:16:43; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;48283  
13; 6016.2; 25-MAY-2011 10:20:32; Dark ; 50.0; 63; Bet Gru ; 2.15; 2800;occ; 100; 0;48283  
14; 6120.4; 25-MAY-2011 10:22:16; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;48284  
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19; 7393.9; 25-MAY-2011 10:43:29; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;48284  
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22; 7702.8; 25-MAY-2011 10:48:38; Bright; 44.5; 98; 13Zet Oph ; 2.57; 30000;occ; 89; 0;48284

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3; 2007.5; 25-MAY-2011 10:53:57; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;48284  
4; 2369.7; 25-MAY-2011 10:59:59; Bright; 57.0; 67; 5Alp CrB ; 2.22; 11000;occ; 114; 0;48284  
5; 2561.9; 25-MAY-2011 11:03:11; Bright; 47.0; 133; 40Zet Her ; 2.81; 6000;occ; 94; 0;48284  
6; 3015.3; 25-MAY-2011 11:10:45; Bright; 58.0; 119; 14Eta Dra ; 2.73; 4700;occ; 116; 0;48284  
7; 3656.7; 25-MAY-2011 11:21:26; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;48284  
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11; 5229.8; 25-MAY-2011 11:47:39; Dark ; 49.5; 0; ; 0.00; 0;occ; 99; 0;48284  
12; 5788.5; 25-MAY-2011 11:56:58; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;48284  
13; 6016.8; 25-MAY-2011 12:00:46; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;48284  
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21; 7585.0; 25-MAY-2011 12:26:55; Bright; 50.0; 86; 35Eta Oph ; 2.43; 10200;occ; 100; 0;48285  
22; 7702.7; 25-MAY-2011 12:28:52; Bright; 16.5; 98; 13Zet Oph ; 2.57; 30000;occ; 33; 0;48285

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19; 7394.4; 25-MAY-2011 14:03:58; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;48286
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5; 2369.1; 25-MAY-2011 14:20:26; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;48286
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13; 5790.8; 25-MAY-2011 15:17:28; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;48286
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4; 1825.0; 25-MAY-2011 15:51:36; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;48287
5; 2007.2; 25-MAY-2011 15:54:38; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;48287
6; 2369.0; 25-MAY-2011 16:00:40; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;48287
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 22; 6479.9; 29-MAY-2011 19:42:56; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;48347  
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 5; 53.6; 29-MAY-2011 21:16:18; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;48348  
 6; 163.7; 29-MAY-2011 21:18:08; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;48348  
 7; 466.4; 29-MAY-2011 21:23:11; Dark ; 45.0; 45; Alp Pav ; 1.94; 26000;occ; 90; 0;48348  
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