

GOMOS Daily Report 14-DEC-2010

Level 0 and Level 1 products

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This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM_TRA_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	15DEC2010 04:52:50
Data source version	GOMOS/5.01
Start time of products	14DEC2010 00:00:13
Stop time of products	14DEC2010 23:57:25
Store outputs in DB	Yes
Nb of level 1b prods	157
Nb of prods with errors	0

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

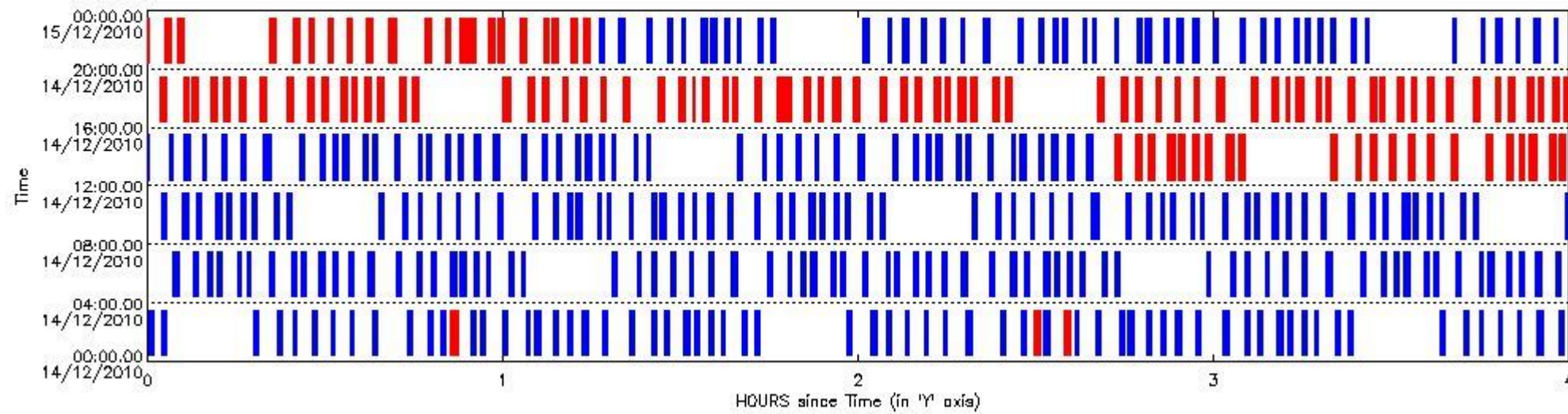
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
14-DEC-2010 00:51:00	2EpsCrv	171	45950
14-DEC-2010 02:29:39	4GamCrv	100	45951
14-DEC-2010 02:34:49	GamCen	64	45951
14-DEC-2010 14:43:11	2BetCMa	47	45959
14-DEC-2010 14:46:45	19BetOri	7	45959
14-DEC-2010 14:49:03	46EpsOri	30	45959
14-DEC-2010 14:52:16	58AlpOri	14	45959
14-DEC-2010 14:54:07	87AlpTau	13	45959
14-DEC-2010 14:56:27	23ZetTau	176	45959
14-DEC-2010 14:58:29	12BetTau	28	45959
14-DEC-2010 15:02:10	37TheAur	107	45959
14-DEC-2010 15:04:18	34BetAur	42	45959
14-DEC-2010 15:19:48	50AlpUMa	36	45959
14-DEC-2010 15:23:54	77EpsUMa	32	45959
14-DEC-2010 15:26:26	85EtaUMa	39	45959

14-DEC-2010 15:29:43	27GamBoo	180	45959
14-DEC-2010 15:32:54		83	45959
14-DEC-2010 15:36:10	8EtaBoo	111	45959
14-DEC-2010 15:39:59	47EpsVir	138	45959
14-DEC-2010 15:45:56	67AlpVir	15	45959
14-DEC-2010 15:49:25	46GamHya	169	45959
14-DEC-2010 15:51:42	4GamCrv	100	45959
14-DEC-2010 15:53:17	2EpsCrv	171	45959
14-DEC-2010 15:56:46	GamCen	64	45959
14-DEC-2010 15:58:22	DelCen	99	45960
14-DEC-2010 16:02:08	MuVel	113	45960
14-DEC-2010 16:06:00	lotCar	71	45960
14-DEC-2010 16:07:25	DSA1030	0	45960
14-DEC-2010 16:10:36	Gam2Vel	34	45960
14-DEC-2010 16:12:51	AlpCar	2	45960
14-DEC-2010 16:15:29	PiPup	117	45960
14-DEC-2010 16:18:46	21EpsCMa	23	45960
14-DEC-2010 16:23:25	2BetCMa	47	45960
14-DEC-2010 16:26:59	19BetOri	7	45960
14-DEC-2010 16:29:17	46EpsOri	30	45960
14-DEC-2010 16:32:30	58AlpOri	14	45960
14-DEC-2010 16:34:21	87AlpTau	13	45960
14-DEC-2010 16:36:41	23ZetTau	176	45960
14-DEC-2010 16:38:43	12BetTau	28	45960
14-DEC-2010 16:42:23	37TheAur	107	45960
14-DEC-2010 16:44:32	34BetAur	42	45960
14-DEC-2010 17:00:01	50AlpUMa	36	45960
14-DEC-2010 17:04:08	77EpsUMa	32	45960
14-DEC-2010 17:06:40	85EtaUMa	39	45960
14-DEC-2010 17:09:57	27GamBoo	180	45960
14-DEC-2010 17:13:08		83	45960
14-DEC-2010 17:16:24	8EtaBoo	111	45960
14-DEC-2010 17:20:14	47EpsVir	138	45960
14-DEC-2010 17:26:10	67AlpVir	15	45960
14-DEC-2010 17:29:40	46GamHya	169	45960
14-DEC-2010 17:31:57	4GamCrv	100	45960
14-DEC-2010 17:33:32	2EpsCrv	171	45960
14-DEC-2010 17:37:01	GamCen	64	45960
14-DEC-2010 17:38:37	DelCen	99	45961
14-DEC-2010 17:42:23	MuVel	113	45961
14-DEC-2010 17:46:14	lotCar	71	45961
14-DEC-2010 17:47:40	DSA1030	0	45961
14-DEC-2010 17:50:51	Gam2Vel	34	45961
14-DEC-2010 17:53:05	AlpCar	2	45961
14-DEC-2010 17:55:44	PiPup	117	45961
14-DEC-2010 17:59:01	21EpsCMa	23	45961
14-DEC-2010 18:03:39	2BetCMa	47	45961
14-DEC-2010 18:07:14	19BetOri	7	45961
14-DEC-2010 18:09:31	46EpsOri	30	45961
14-DEC-2010 18:12:43	58AlpOri	14	45961
14-DEC-2010 18:14:35	87AlpTau	13	45961
14-DEC-2010 18:16:54	23ZetTau	176	45961
14-DEC-2010 18:18:57	12BetTau	28	45961
14-DEC-2010 18:22:36	37TheAur	107	45961
14-DEC-2010 18:24:45	34BetAur	42	45961
14-DEC-2010 18:40:15	50AlpUMa	36	45961
14-DEC-2010 18:44:22	77EpsUMa	32	45961
14-DEC-2010 18:46:54	85EtaUMa	39	45961
14-DEC-2010 18:50:12	27GamBoo	180	45961

14-DEC-2010 18:53:22		83	45961
14-DEC-2010 18:56:38	8EtaBoo	111	45961
14-DEC-2010 19:00:29	47EpsVir	138	45961
14-DEC-2010 19:06:25	67AlpVir	15	45961
14-DEC-2010 19:09:54	46GamHya	169	45961
14-DEC-2010 19:12:13	4GamCrv	100	45961
14-DEC-2010 19:13:48	2EpsCrv	171	45961
14-DEC-2010 19:17:15	GamCen	64	45961
14-DEC-2010 19:18:51	DelCen	99	45962
14-DEC-2010 19:22:37	MuVel	113	45962
14-DEC-2010 19:26:29	lotCar	71	45962
14-DEC-2010 19:27:54	DSA1030	0	45962
14-DEC-2010 19:31:06	Gam2Vel	34	45962
14-DEC-2010 19:33:19	AlpCar	2	45962
14-DEC-2010 19:35:58	PIPup	117	45962
14-DEC-2010 19:39:15	21EpsCMa	23	45962
14-DEC-2010 19:43:53	2BetCMa	47	45962
14-DEC-2010 19:47:28	19BetOri	7	45962
14-DEC-2010 19:49:45	46EpsOri	30	45962
14-DEC-2010 19:52:57	58AlpOri	14	45962
14-DEC-2010 19:54:49	87AlpTau	13	45962
14-DEC-2010 19:57:08	23ZetTau	176	45962
14-DEC-2010 19:59:10	12BetTau	28	45962
14-DEC-2010 20:02:50	37TheAur	107	45962
14-DEC-2010 20:04:59	34BetAur	42	45962
14-DEC-2010 20:20:28	50AlpUMa	36	45962
14-DEC-2010 20:24:36	77EpsUMa	32	45962
14-DEC-2010 20:27:08	85EtaUMa	39	45962
14-DEC-2010 20:30:26	27GamBoo	180	45962
14-DEC-2010 20:33:36		83	45962
14-DEC-2010 20:36:53	8EtaBoo	111	45962
14-DEC-2010 20:40:43	47EpsVir	138	45962
14-DEC-2010 20:46:40	67AlpVir	15	45962
14-DEC-2010 20:50:09	46GamHya	169	45962
14-DEC-2010 20:52:32	9BetCrv	106	45962
14-DEC-2010 20:54:03	2EpsCrv	171	45962
14-DEC-2010 20:57:30	GamCen	64	45962
14-DEC-2010 20:59:06	DelCen	99	45963
14-DEC-2010 21:02:52	MuVel	113	45963
14-DEC-2010 21:06:44	lotCar	71	45963
14-DEC-2010 21:08:09	DSA1030	0	45963
14-DEC-2010 21:11:21	Gam2Vel	34	45963
14-DEC-2010 21:13:34	AlpCar	2	45963

2.4 Summary of processed GOM_TRA_1P products

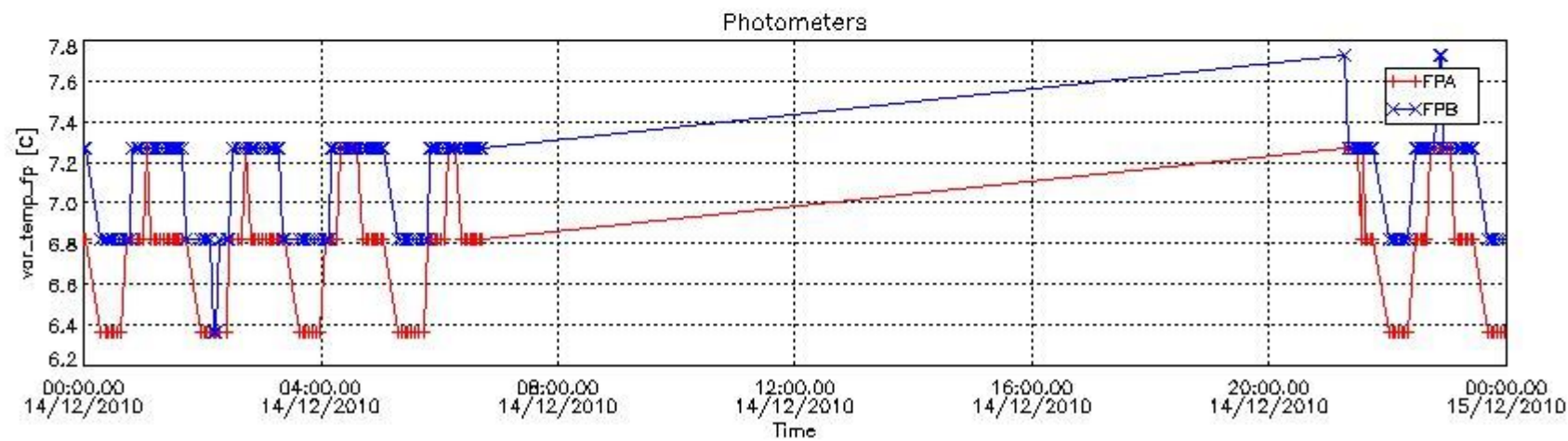
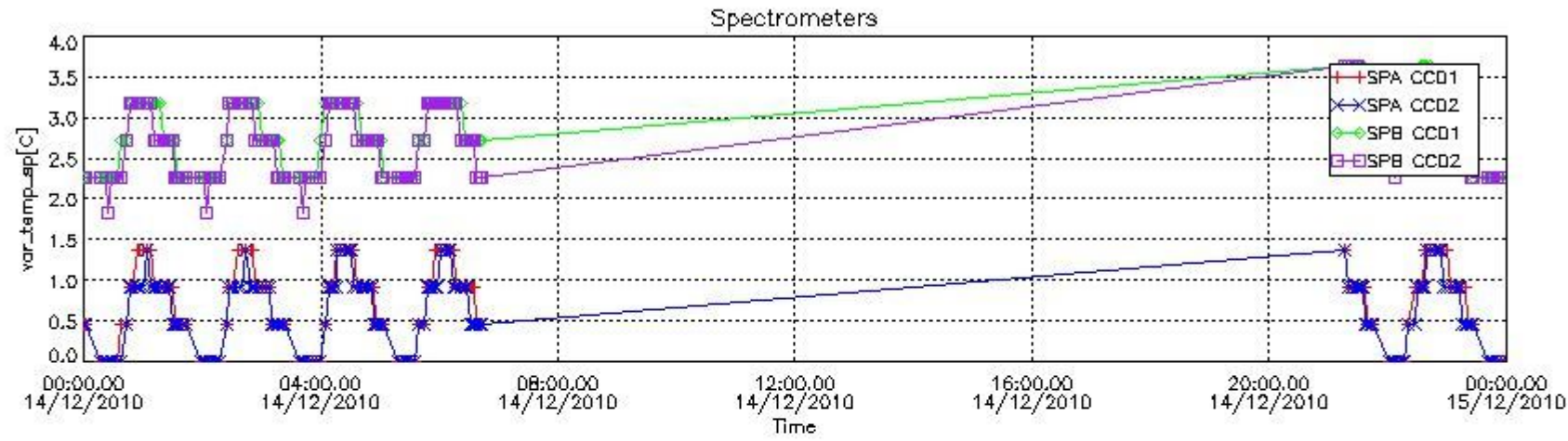
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20101214_000013_000000443097_00246_45950_6527.N1	14-DEC-2010 00:00:13	Bright	43.500	107	37The Aur	2.6490	11000.	87	45950	No
2	GOM_TRA_1PNPDE20101214_000222_000000433097_00246_45950_6528.N1	14-DEC-2010 00:02:22	Bright	42.500	42	34Bet Aur	1.9000	10200.	85	45950	No
3	GOM_TRA_1PNPDE20101214_001750_000000473097_00246_45950_6529.N1	14-DEC-2010 00:17:50	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	45950	No
4	GOM_TRA_1PNPDE20101214_002154_000000443097_00246_45950_6530.N1	14-DEC-2010 00:21:54	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	45950	No
5	GOM_TRA_1PNPDE20101214_002424_000000383097_00246_45950_6531.N1	14-DEC-2010 00:24:24	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	45950	No
6	GOM_TRA_1PNPDE20101214_002740_000000553097_00246_45950_6532.N1	14-DEC-2010 00:27:40	Bright	55.000	180	27Gam Boo	3.0400	8000.0	110	45950	No
7	GOM_TRA_1PNPDE20101214_003050_000000373097_00246_45950_6533.N1	14-DEC-2010 00:30:50	Bright	36.500	83		2.3780	11000.	73	45950	No
8	GOM_TRA_1PNPDE20101214_003405_000000393097_00246_45950_6534.N1	14-DEC-2010 00:34:05	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	45950	No
9	GOM_TRA_1PNPDE20101214_003751_000000523097_00246_45950_6535.N1	14-DEC-2010 00:37:51	Bright	51.500	138	47Eps Vir	2.8280	4700.0	103	45950	No
10	GOM_TRA_1PNPDE20101214_004347_000000493097_00246_45950_6536.N1	14-DEC-2010 00:43:47	Twilight	48.500	15	67Alp Vir	0.97600	28000.	97	45950	No
11	GOM_TRA_1PNPDE20101214_004716_000000443097_00246_45950_6537.N1	14-DEC-2010 00:47:16	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	45950	No

12	GOM_TRA_1PNPDE20101214_004928_000000553097_00246_45950_6538.N1	14-DEC-2010 00:49:28	Dark	54.500	100	4Gam Crv	2.5800	13100.	109	45950	No
13	GOM_TRA_1PNPDE20101214_005438_000000423097_00246_45950_6539.N1	14-DEC-2010 00:54:38	Dark	41.500	64	Gam Cen	2.2000	10600.	83	45950	No
14	GOM_TRA_1PNPDE20101214_005614_000000423097_00247_45951_6540.N1	14-DEC-2010 00:56:14	Dark	42.000	99	Del Cen	2.5750	26000.	84	45951	No
15	GOM_TRA_1PNPDE20101214_005957_000000463097_00247_45951_6541.N1	14-DEC-2010 00:59:57	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	45951	No
16	GOM_TRA_1PNPDE20101214_010352_000000423097_00247_45951_6542.N1	14-DEC-2010 01:03:52	Dark	42.000	71	lot Car	2.2460	7700.0	84	45951	No
17	GOM_TRA_1PNPDE20101214_010827_000000473097_00247_45951_6543.N1	14-DEC-2010 01:08:27	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	45951	No
18	GOM_TRA_1PNPDE20101214_011045_000000563097_00247_45951_6544.N1	14-DEC-2010 01:10:45	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45951	No
19	GOM_TRA_1PNPDE20101214_011322_000000583097_00247_45951_6545.N1	14-DEC-2010 01:13:22	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	45951	No
20	GOM_TRA_1PNPDE20101214_011640_000000563097_00247_45951_6546.N1	14-DEC-2010 01:16:40	Straylight	55.500	23	21Eps CMa	1.5020	26000.	111	45951	No
21	GOM_TRA_1PNPDE20101214_012121_000000543097_00247_45951_6547.N1	14-DEC-2010 01:21:21	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	45951	No
22	GOM_TRA_1PNPDE20101214_012457_000000503097_00247_45951_6548.N1	14-DEC-2010 01:24:57	Straylight	49.500	7	19Bet Ori	0.10000	14000.	99	45951	No
23	GOM_TRA_1PNPDE20101214_012715_000000503097_00247_45951_6549.N1	14-DEC-2010 01:27:15	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	45951	No
24	GOM_TRA_1PNPDE20101214_013031_000000573097_00247_45951_6550.N1	14-DEC-2010 01:30:31	Tw_i_and_stray	57.000	14	58Alp Ori	0.87000	3000.0	114	45951	No
25	GOM_TRA_1PNPDE20101214_013219_000000553097_00247_45951_6551.N1	14-DEC-2010 01:32:19	Tw_i_and_stray	55.000	13	87Alp Tau	0.86700	3800.0	110	45951	No
26	GOM_TRA_1PNPDE20101214_013442_000000453097_00247_45951_6552.N1	14-DEC-2010 01:34:42	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	45951	No
27	GOM_TRA_1PNPDE20101214_013645_000000443097_00247_45951_6553.N1	14-DEC-2010 01:36:45	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	45951	No
28	GOM_TRA_1PNPDE20101214_014026_000000473097_00247_45951_6554.N1	14-DEC-2010 01:40:26	Bright	46.500	107	37The Aur	2.6490	11000.	93	45951	No
29	GOM_TRA_1PNPDE20101214_014235_000000443097_00247_45951_6555.N1	14-DEC-2010 01:42:35	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	45951	No
30	GOM_TRA_1PNPDE20101214_015803_000000483097_00247_45951_6556.N1	14-DEC-2010 01:58:03	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	45951	No
31	GOM_TRA_1PNPDE20101214_020208_000000613097_00247_45951_6557.N1	14-DEC-2010 02:02:08	Bright	61.000	32	77Eps UMa	1.7630	11000.	122	45951	No
32	GOM_TRA_1PNPDE20101214_020438_000000573097_00247_45951_6558.N1	14-DEC-2010 02:04:38	Bright	57.000	39	85Eta UMa	1.8540	24000.	114	45951	No
33	GOM_TRA_1PNPDE20101214_020754_000000363097_00247_45951_6559.N1	14-DEC-2010 02:07:54	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	45951	No
34	GOM_TRA_1PNPDE20101214_021104_000000363097_00247_45951_6560.N1	14-DEC-2010 02:11:04	Bright	35.500	83		2.3780	11000.	71	45951	No
35	GOM_TRA_1PNPDE20101214_021419_000000393097_00247_45951_6561.N1	14-DEC-2010 02:14:19	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	45951	No
36	GOM_TRA_1PNPDE20101214_021806_000000723097_00247_45951_6562.N1	14-DEC-2010 02:18:06	Bright	71.500	138	47Eps Vir	2.8280	4700.0	143	45951	No
37	GOM_TRA_1PNPDE20101214_022402_000000523097_00247_45951_6564.N1	14-DEC-2010 02:24:02	Tw_i_and_stray	52.000	15	67Alp Vir	0.97600	28000.	104	45951	No
38	GOM_TRA_1PNPDE20101214_022731_000000483097_00247_45951_6565.N1	14-DEC-2010 02:27:31	Twilight	48.000	169	46Gam Hya	2.9910	4700.0	96	45951	No
39	GOM_TRA_1PNPDE20101214_023119_000000543097_00247_45951_6566.N1	14-DEC-2010 02:31:19	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	45951	No
40	GOM_TRA_1PNPDE20101214_023628_000000413097_00248_45952_6567.N1	14-DEC-2010 02:36:28	Dark	41.000	99	Del Cen	2.5750	26000.	82	45952	No
41	GOM_TRA_1PNPDE20101214_024012_000000453097_00248_45952_6568.N1	14-DEC-2010 02:40:12	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45952	No
42	GOM_TRA_1PNPDE20101214_024407_000000433097_00248_45952_6569.N1	14-DEC-2010 02:44:07	Dark	42.500	71	lot Car	2.2460	7700.0	85	45952	No
43	GOM_TRA_1PNPDE20101214_024842_000000483097_00248_45952_6570.N1	14-DEC-2010 02:48:42	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	45952	No
44	GOM_TRA_1PNPDE20101214_025059_000000563097_00248_45952_6571.N1	14-DEC-2010 02:50:59	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45952	No
45	GOM_TRA_1PNPDE20101214_025336_000000543097_00248_45952_6572.N1	14-DEC-2010 02:53:36	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	45952	No
46	GOM_TRA_1PNPDE20101214_025654_000000543097_00248_45952_6573.N1	14-DEC-2010 02:56:54	Straylight	54.000	23	21Eps CMa	1.5020	26000.	108	45952	No
47	GOM_TRA_1PNPDE20101214_030135_000000553097_00248_45952_6574.N1	14-DEC-2010 03:01:35	Straylight	54.500	47	2Bet CMa	1.9760	28000.	109	45952	No
48	GOM_TRA_1PNPDE20101214_030511_000000493097_00248_45952_6575.N1	14-DEC-2010 03:05:11	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	45952	No
49	GOM_TRA_1PNPDE20101214_030729_000000503097_00248_45952_6576.N1	14-DEC-2010 03:07:29	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	45952	No
50	GOM_TRA_1PNPDE20101214_031044_000000643097_00248_45952_6577.N1	14-DEC-2010 03:10:44	Tw_i_and_stray	64.000	14	58Alp Ori	0.87000	3000.0	128	45952	No
51	GOM_TRA_1PNPDE20101214_031233_000000493097_00248_45952_6578.N1	14-DEC-2010 03:12:33	Tw_i_and_stray	48.500	13	87Alp Tau	0.86700	3800.0	97	45952	No
52	GOM_TRA_1PNPDE20101214_031456_000000473097_00248_45952_6579.N1	14-DEC-2010 03:14:56	Bright	46.500	176	23Zet Tau	3.0200	22000.	93	45952	No
53	GOM_TRA_1PNPDE20101214_031658_000000453097_00248_45952_6580.N1	14-DEC-2010 03:16:58	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	45952	No
54	GOM_TRA_1PNPDE20101214_032040_000000463097_00248_45952_6581.N1	14-DEC-2010 03:20:40	Bright	45.500	107	37The Aur	2.6490	11000.	91	45952	No
55	GOM_TRA_1PNPDE20101214_032248_000000433097_00248_45952_6582.N1	14-DEC-2010 03:22:48	Bright	43.000	42	34Bet Aur	1.9000	10200.	86	45952	No
56	GOM_TRA_1PNPDE20101214_033817_000000483097_00248_45952_6584.N1	14-DEC-2010 03:38:17	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	45952	No
57	GOM_TRA_1PNPDE20101214_034222_000000403097_00248_45952_6585.N1	14-DEC-2010 03:42:22	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	45952	No
58	GOM_TRA_1PNPDE20101214_034452_000000413097_00248_45952_6586.N1	14-DEC-2010 03:44:52	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	45952	No
59	GOM_TRA_1PNPDE20101214_034808_000000373097_00248_45952_6587.N1	14-DEC-2010 03:48:08	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	45952	No
60	GOM_TRA_1PNPDE20101214_035118_000000363097_00248_45952_6588.N1	14-DEC-2010 03:51:18	Bright	36.000	83		2.3780	11000.	72	45952	No
61	GOM_TRA_1PNPDE20101214_035433_000000593097_00248_45952_6589.N1	14-DEC-2010 03:54:33	Bright	59.000	111	8Eta Boo	2.6800	6000.0	118	45952	No
62	GOM_TRA_1PNPDE20101214_035820_000000523097_00248_45952_6590.N1	14-DEC-2010 03:58:20	Bright	51.500	138	47Eps Vir	2.8280	4700.0	103	45952	No
63	GOM_TRA_1PNPDE20101214_040417_000000523097_00248_45952_6591.N1	14-DEC-2010 04:04:17	Tw_i_and_stray	52.000	15	67Alp Vir	0.97600	28000.	104	45952	No
64	GOM_TRA_1PNPDE20101214_040746_000000453097_00248_45952_6592.N1	14-DEC-2010 04:07:46	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	45952	No
65	GOM_TRA_1PNPDE20101214_040959_000000543097_00248_45952_6593.N1	14-DEC-2010 04:09:59	Dark	54.000	100	4Gam Crv	2.5800	13100.	108	45952	No
66	GOM_TRA_1PNPDE20101214_041134_000000563097_00248_45952_6594.N1	14-DEC-2010 04:11:34	Dark	55.500	171	2Eps Crv	3.0010	4250.0	111	45952	No
67	GOM_TRA_1PNPDE20101214_041507_000000423097_00248_45952_6595.N1	14-DEC-2010 04:15:07	Dark	41.500	64	Gam Cen	2.2000	10600.	83	45952	No
68	GOM_TRA_1PNPDE20101214_041643_000000423097_00249_45953_6596.N1	14-DEC-2010 04:16:43	Dark	42.000	99	Del Cen	2.5750	26000.	84	45953	No
69	GOM_TRA_1PNPDE20101214_042027_000000453097_00249_45953_6597.N1	14-DEC-2010 04:20:27	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45953	No
70	GOM_TRA_1PNPDE20101214_042421_000000413097_00249_45953_6598.N1	14-DEC-2010 04:24:21	Dark	41.000	71	lot Car	2.2460	7700.0	82	45953	No

71	GOM_TRA_1PNPDE20101214_042857_000000513097_00249_45953_6599.N1	14-DEC-2010 04:28:57	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	45953	No
72	GOM_TRA_1PNPDE20101214_043113_000000563097_00249_45953_6600.N1	14-DEC-2010 04:31:13	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45953	No
73	GOM_TRA_1PNPDE20101214_043351_000000593097_00249_45953_6601.N1	14-DEC-2010 04:33:51	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	45953	No
74	GOM_TRA_1PNPDE20101214_043709_000000583097_00249_45953_6602.N1	14-DEC-2010 04:37:09	Straylight	58.000	23	21Eps CMa	1.5020	26000.	116	45953	No
75	GOM_TRA_1PNPDE20101214_044149_000000553097_00249_45953_6603.N1	14-DEC-2010 04:41:49	Straylight	54.500	47	2Bet CMa	1.9760	28000.	109	45953	No
76	GOM_TRA_1PNPDE20101214_044525_000000473097_00249_45953_6604.N1	14-DEC-2010 04:45:25	Straylight	46.500	7	19Bet Ori	0.10000	14000.	93	45953	No
77	GOM_TRA_1PNPDE20101214_044743_000000513097_00249_45953_6605.N1	14-DEC-2010 04:47:43	Straylight	50.500	30	46Eps Ori	1.6940	30000.	101	45953	No
78	GOM_TRA_1PNPDE20101214_045058_000000643097_00249_45953_6606.N1	14-DEC-2010 04:50:58	Twilight	64.000	14	58Alp Ori	0.87000	3000.0	128	45953	No
79	GOM_TRA_1PNPDE20101214_045247_000000553097_00249_45953_6607.N1	14-DEC-2010 04:52:47	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	45953	No
80	GOM_TRA_1PNPDE20101214_045510_000000463097_00249_45953_6608.N1	14-DEC-2010 04:55:10	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	45953	No
81	GOM_TRA_1PNPDE20101214_045712_000000423097_00249_45953_6609.N1	14-DEC-2010 04:57:12	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	45953	No
82	GOM_TRA_1PNPDE20101214_050053_000000463097_00249_45953_6610.N1	14-DEC-2010 05:00:53	Bright	46.000	107	37The Aur	2.6490	11000.	92	45953	No
83	GOM_TRA_1PNPDE20101214_050302_000000443097_00249_45953_6611.N1	14-DEC-2010 05:03:02	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	45953	No
84	GOM_TRA_1PNPDE20101214_051830_000000473097_00249_45953_6607.N1	14-DEC-2010 05:18:30	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	45953	No
85	GOM_TRA_1PNPDE20101214_052236_000000403097_00249_45953_6608.N1	14-DEC-2010 05:22:36	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	45953	No
86	GOM_TRA_1PNPDE20101214_052506_000000403097_00249_45953_6609.N1	14-DEC-2010 05:25:06	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	45953	No
87	GOM_TRA_1PNPDE20101214_052822_000000383097_00249_45953_6610.N1	14-DEC-2010 05:28:22	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	45953	No
88	GOM_TRA_1PNPDE20101214_053133_000000363097_00249_45953_6611.N1	14-DEC-2010 05:31:33	Bright	36.000	83		2.3780	11000.	72	45953	No
89	GOM_TRA_1PNPDE20101214_053447_000000423097_00249_45953_6612.N1	14-DEC-2010 05:34:47	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	45953	No
90	GOM_TRA_1PNPDE20101214_053835_000000533097_00249_45953_6613.N1	14-DEC-2010 05:38:35	Bright	52.500	138	47Eps Vir	2.8280	4700.0	105	45953	No
91	GOM_TRA_1PNPDE20101214_054431_000000493097_00249_45953_6614.N1	14-DEC-2010 05:44:31	Twilight	48.500	15	67Alp Vir	0.97600	28000.	97	45953	No
92	GOM_TRA_1PNPDE20101214_054800_000000473097_00249_45953_6615.N1	14-DEC-2010 05:48:00	Twilight	47.000	169	46Gam Hya	2.9910	4700.0	94	45953	No
93	GOM_TRA_1PNPDE20101214_055014_000000563097_00249_45953_6616.N1	14-DEC-2010 05:50:14	Dark	55.500	100	4Gam Crv	2.5800	13100.	111	45953	No
94	GOM_TRA_1PNPDE20101214_055149_000000603097_00249_45953_6617.N1	14-DEC-2010 05:51:49	Dark	59.500	171	2Eps Crv	3.0010	4250.0	119	45953	No
95	GOM_TRA_1PNPDE20101214_055522_000000453097_00249_45953_6618.N1	14-DEC-2010 05:55:22	Dark	44.500	64	Gam Cen	2.2000	10600.	89	45953	No
96	GOM_TRA_1PNPDE20101214_055658_000000423097_00250_45954_6619.N1	14-DEC-2010 05:56:58	Dark	42.000	99	Del Cen	2.5750	26000.	84	45954	No
97	GOM_TRA_1PNPDE20101214_060042_000000463097_00250_45954_6620.N1	14-DEC-2010 06:00:42	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	45954	No
98	GOM_TRA_1PNPDE20101214_060436_000000433097_00250_45954_6621.N1	14-DEC-2010 06:04:36	Dark	43.000	71	lot Car	2.2460	7700.0	86	45954	No
99	GOM_TRA_1PNPDE20101214_060912_000000463097_00250_45954_6622.N1	14-DEC-2010 06:09:12	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	45954	No
100	GOM_TRA_1PNPDE20101214_061128_000000533097_00250_45954_6623.N1	14-DEC-2010 06:11:28	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	45954	No
101	GOM_TRA_1PNPDE20101214_061405_000000553097_00250_45954_6624.N1	14-DEC-2010 06:14:05	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	45954	No
102	GOM_TRA_1PNPDE20101214_061724_000000573097_00250_45954_6625.N1	14-DEC-2010 06:17:24	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45954	No
103	GOM_TRA_1PNPDE20101214_062204_000000563097_00250_45954_6626.N1	14-DEC-2010 06:22:04	Straylight	55.500	47	2Bet CMa	1.9760	28000.	111	45954	No
104	GOM_TRA_1PNPDE20101214_062539_000000563097_00250_45954_6627.N1	14-DEC-2010 06:25:39	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	45954	No
105	GOM_TRA_1PNPDE20101214_062757_000000493097_00250_45954_6628.N1	14-DEC-2010 06:27:57	Straylight	49.000	30	46Eps Ori	1.6940	30000.	98	45954	No
106	GOM_TRA_1PNPDE20101214_063112_000000693097_00250_45954_6629.N1	14-DEC-2010 06:31:12	Twilight	69.000	14	58Alp Ori	0.87000	3000.0	138	45954	No
107	GOM_TRA_1PNPDE20101214_063301_000000553097_00250_45954_6630.N1	14-DEC-2010 06:33:01	Twilight	54.500	13	87Alp Tau	0.86700	3800.0	109	45954	No
108	GOM_TRA_1PNPDE20101214_063523_000000463097_00250_45954_6631.N1	14-DEC-2010 06:35:23	Bright	46.000	176	23Zet Tau	3.0200	22000.	92	45954	No
109	GOM_TRA_1PNPDE20101214_063726_000000443097_00250_45954_6632.N1	14-DEC-2010 06:37:26	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	45954	No
110	GOM_TRA_1PNPDE20101214_064107_000000453097_00250_45954_6633.N1	14-DEC-2010 06:41:07	Bright	44.500	107	37The Aur	2.6490	11000.	89	45954	No
111	GOM_TRA_1PNPDE20101214_064315_000000443097_00250_45954_6634.N1	14-DEC-2010 06:43:15	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	45954	No
112	GOM_TRA_1PNPDE20101214_211617_000000533097_00259_45963_6691.N1	14-DEC-2010 21:16:17	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	45963	No
113	GOM_TRA_1PNPDE20101214_211934_000000573097_00259_45963_6692.N1	14-DEC-2010 21:19:34	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45963	No
114	GOM_TRA_1PNPDE20101214_212411_000000543097_00259_45963_6693.N1	14-DEC-2010 21:24:11	Straylight	53.500	47	2Bet CMa	1.9760	28000.	107	45963	No
115	GOM_TRA_1PNPDE20101214_212746_000000483097_00259_45963_6694.N1	14-DEC-2010 21:27:46	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	45963	No
116	GOM_TRA_1PNPDE20101214_213002_000000483097_00259_45963_6695.N1	14-DEC-2010 21:30:02	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	45963	No
117	GOM_TRA_1PNPDE20101214_213315_000000683097_00259_45963_6696.N1	14-DEC-2010 21:33:15	Twilight	68.000	14	58Alp Ori	0.87000	3000.0	136	45963	No
118	GOM_TRA_1PNPDE20101214_213507_000000553097_00259_45963_6697.N1	14-DEC-2010 21:35:07	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	45963	No
119	GOM_TRA_1PNPDE20101214_213725_000000463097_00259_45963_6698.N1	14-DEC-2010 21:37:25	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	45963	No
120	GOM_TRA_1PNPDE20101214_213928_000000443097_00259_45963_6699.N1	14-DEC-2010 21:39:28	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	45963	No
121	GOM_TRA_1PNPDE20101214_214307_000000453097_00259_45963_6700.N1	14-DEC-2010 21:43:07	Bright	44.500	107	37The Aur	2.6490	11000.	89	45963	No
122	GOM_TRA_1PNPDE20101214_214516_000000453097_00259_45963_6701.N1	14-DEC-2010 21:45:16	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	45963	No
123	GOM_TRA_1PNPDE20101214_220046_000000683097_00259_45963_6702.N1	14-DEC-2010 22:00:46	Bright	68.000	36	50Alp UMa	1.8000	6300.0	136	45963	No
124	GOM_TRA_1PNPDE20101214_220454_000000433097_00259_45963_6703.N1	14-DEC-2010 22:04:54	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45963	No
125	GOM_TRA_1PNPDE20101214_220726_000000583097_00259_45963_6704.N1	14-DEC-2010 22:07:26	Bright	58.000	39	85Eta UMa	1.8540	24000.	116	45963	No
126	GOM_TRA_1PNPDE20101214_221044_000000363097_00259_45963_6705.N1	14-DEC-2010 22:10:44	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	45963	No
127	GOM_TRA_1PNPDE20101214_221355_000000373097_00259_45963_6706.N1	14-DEC-2010 22:13:55	Bright	37.000	83		2.3780	11000.	74	45963	No
128	GOM_TRA_1PNPDE20101214_221711_000000403097_00259_45963_6707.N1	14-DEC-2010 22:17:11	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	45963	No
129	GOM_TRA_1PNPDE20101214_222102_000000633097_00259_45963_6708.N1	14-DEC-2010 22:21:02	Bright	63.000	138	47Eps Vir	2.8280	4700.0	126	45963	No

130	GOM_TRA_1PNPDE20101214_222659_000000143097_00259_45963_6709.N1	14-DEC-2010 22:26:59	Twilight	14.000	15	67Alp Vir	0.97600	28000.	28	45963	No
131	GOM_TRA_1PNPDE20101214_222659_000000533097_00259_45963_6722.N1	14-DEC-2010 22:26:59	Twilight	53.000	15	67Alp Vir	0.97600	28000.	106	45963	No
132	GOM_TRA_1PNPDE20101214_223028_000000463097_00259_45963_6723.N1	14-DEC-2010 22:30:28	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	45963	No
133	GOM_TRA_1PNPDE20101214_223251_000000553097_00259_45963_6724.N1	14-DEC-2010 22:32:51	Dark	54.500	106	9Bet Crv	2.6480	5600.0	109	45963	No
134	GOM_TRA_1PNPDE20101214_223422_000000573097_00259_45963_6725.N1	14-DEC-2010 22:34:22	Dark	57.000	171	2Eps Crv	3.0010	4250.0	114	45963	No
135	GOM_TRA_1PNPDE20101214_223748_000000413097_00259_45963_6726.N1	14-DEC-2010 22:37:48	Dark	41.000	64	Gam Cen	2.2000	10600.	82	45963	No
136	GOM_TRA_1PNPDE20101214_223925_000000423097_00260_45964_6727.N1	14-DEC-2010 22:39:25	Dark	41.500	99	Del Cen	2.5750	26000.	83	45964	No
137	GOM_TRA_1PNPDE20101214_224311_000000473097_00260_45964_6728.N1	14-DEC-2010 22:43:11	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	45964	No
138	GOM_TRA_1PNPDE20101214_224702_000000423097_00260_45964_6729.N1	14-DEC-2010 22:47:02	Dark	42.000	71	lot Car	2.2460	7700.0	84	45964	No
139	GOM_TRA_1PNPDE20101214_225139_000000493097_00260_45964_6730.N1	14-DEC-2010 22:51:39	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	45964	No
140	GOM_TRA_1PNPDE20101214_225352_000000563097_00260_45964_6731.N1	14-DEC-2010 22:53:52	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45964	No
141	GOM_TRA_1PNPDE20101214_225632_000000643097_00260_45964_6732.N1	14-DEC-2010 22:56:32	Dark	64.000	117	Pi Pup	2.7060	3800.0	128	45964	No
142	GOM_TRA_1PNPDE20101214_225948_000000573097_00260_45964_6733.N1	14-DEC-2010 22:59:48	Straylight	56.500	23	21Eps CMa	1.5020	26000.	113	45964	No
143	GOM_TRA_1PNPDE20101214_230425_000000533097_00260_45964_6734.N1	14-DEC-2010 23:04:25	Straylight	52.500	47	2Bet CMa	1.9760	28000.	105	45964	No
144	GOM_TRA_1PNPDE20101214_230800_000000463097_00260_45964_6735.N1	14-DEC-2010 23:08:00	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	45964	No
145	GOM_TRA_1PNPDE20101214_231016_000000483097_00260_45964_6736.N1	14-DEC-2010 23:10:16	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	45964	No
146	GOM_TRA_1PNPDE20101214_231328_000000593097_00260_45964_6737.N1	14-DEC-2010 23:13:28	Twilight	59.000	14	58Alp Ori	0.87000	3000.0	118	45964	No
147	GOM_TRA_1PNPDE20101214_231520_000000533097_00260_45964_6738.N1	14-DEC-2010 23:15:20	Twilight	53.000	13	87Alp Tau	0.86700	3800.0	106	45964	No
148	GOM_TRA_1PNPDE20101214_231739_000000453097_00260_45964_6739.N1	14-DEC-2010 23:17:39	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	45964	No
149	GOM_TRA_1PNPDE20101214_231941_000000433097_00260_45964_6740.N1	14-DEC-2010 23:19:41	Bright	43.000	28	12Bet Tau	1.6500	15200.	86	45964	No
150	GOM_TRA_1PNPDE20101214_232320_000000443097_00260_45964_6741.N1	14-DEC-2010 23:23:20	Bright	44.000	107	37The Aur	2.6490	11000.	88	45964	No
151	GOM_TRA_1PNPDE20101214_232529_000000443097_00260_45964_6742.N1	14-DEC-2010 23:25:29	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	45964	No
152	GOM_TRA_1PNPDE20101214_234029_000000343097_00260_45964_6743.N1	14-DEC-2010 23:40:29	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	45964	No
153	GOM_TRA_1PNPDE20101214_234507_000000413097_00260_45964_6744.N1	14-DEC-2010 23:45:07	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	45964	No
154	GOM_TRA_1PNPDE20101214_234740_000000583097_00260_45964_6745.N1	14-DEC-2010 23:47:40	Bright	58.000	39	85Eta UMa	1.8540	24000.	116	45964	No
155	GOM_TRA_1PNPDE20101214_235058_000000453097_00260_45964_6746.N1	14-DEC-2010 23:50:58	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	45964	No
156	GOM_TRA_1PNPDE20101214_235409_000000543097_00260_45964_6747.N1	14-DEC-2010 23:54:09	Bright	54.000	83		2.3780	11000.	108	45964	No
157	GOM_TRA_1PNPDE20101214_235725_000000403097_00260_45964_6748.N1	14-DEC-2010 23:57:25	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	45964	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).

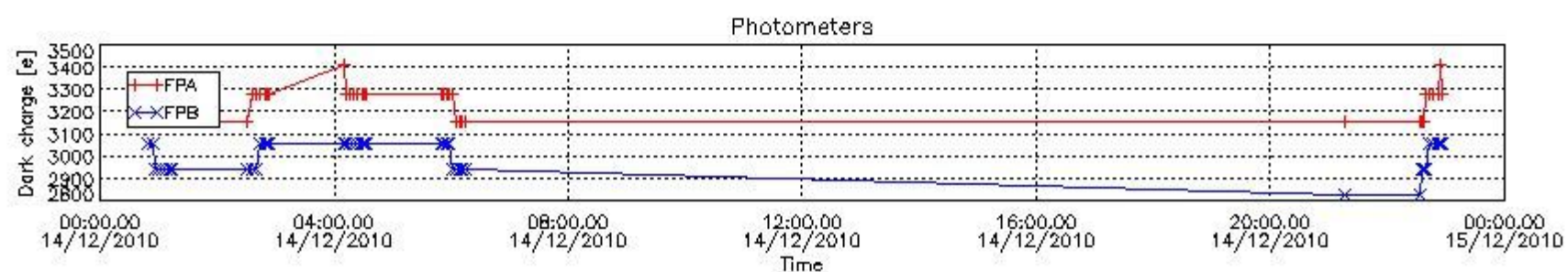
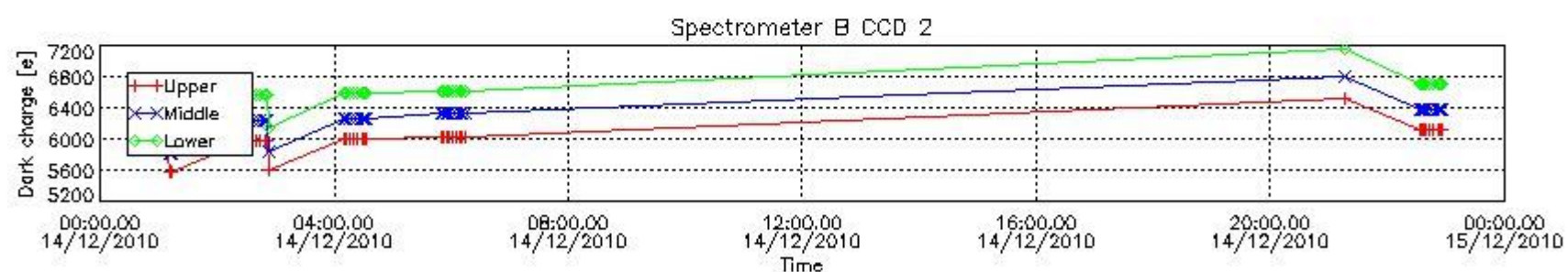
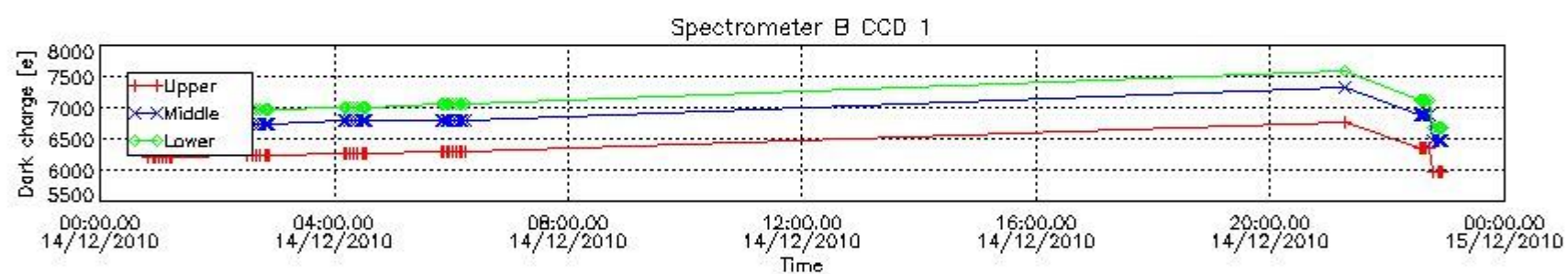
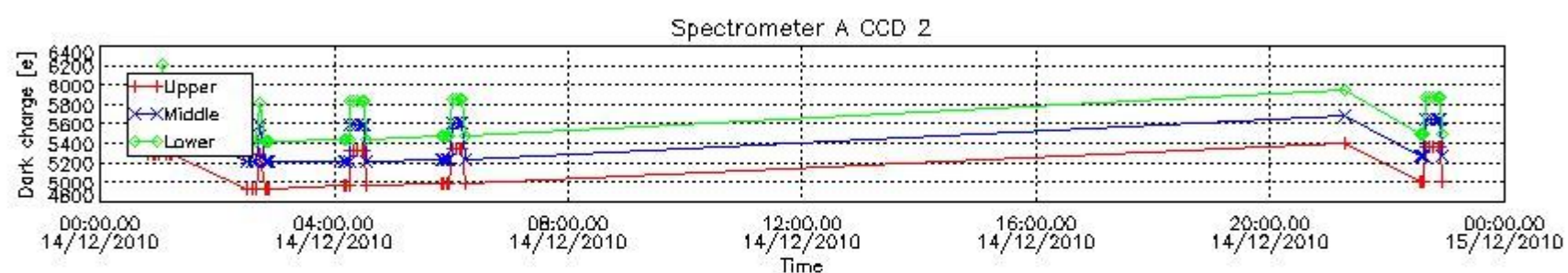
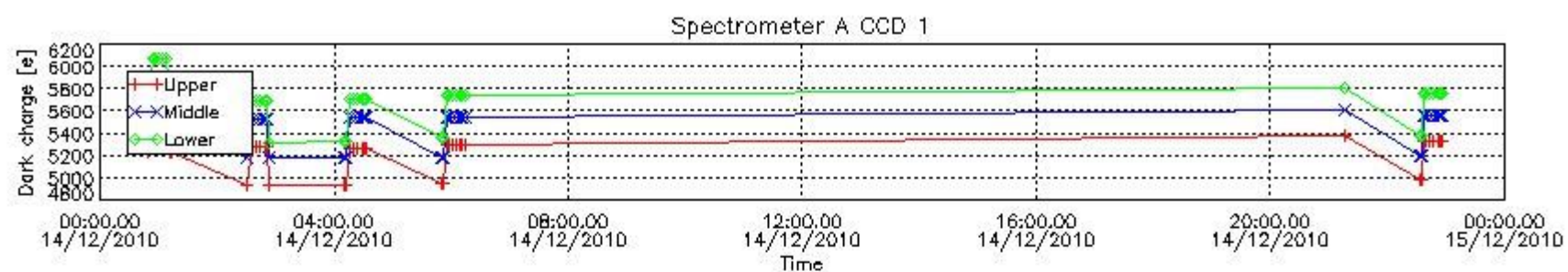
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20101214_211617_000000533097_00259_45963_6691.N1	DC map used
GOM_TRA_1PNPDE20101214_211934_000000573097_00259_45963_6692.N1	DC map used
GOM_TRA_1PNPDE20101214_212411_000000543097_00259_45963_6693.N1	DC map used
GOM_TRA_1PNPDE20101214_212746_000000483097_00259_45963_6694.N1	DC map used
GOM_TRA_1PNPDE20101214_213002_000000483097_00259_45963_6695.N1	DC map used
GOM_TRA_1PNPDE20101214_213315_000000683097_00259_45963_6696.N1	DC map used
GOM_TRA_1PNPDE20101214_213507_000000553097_00259_45963_6697.N1	DC map used
GOM_TRA_1PNPDE20101214_213725_000000463097_00259_45963_6698.N1	DC map used
GOM_TRA_1PNPDE20101214_213928_000000443097_00259_45963_6699.N1	DC map used
GOM_TRA_1PNPDE20101214_214307_000000453097_00259_45963_6700.N1	DC map used
GOM_TRA_1PNPDE20101214_214516_000000453097_00259_45963_6701.N1	DC map used
GOM_TRA_1PNPDE20101214_220046_000000683097_00259_45963_6702.N1	DC map used
GOM_TRA_1PNPDE20101214_220454_000000433097_00259_45963_6703.N1	DC map used
GOM_TRA_1PNPDE20101214_220726_000000583097_00259_45963_6704.N1	DC map used

GOM_TRA_1PNPDE20101214_221044_000000363097_00259_45963_6705.N1	DC map used
GOM_TRA_1PNPDE20101214_221355_000000373097_00259_45963_6706.N1	DC map used
GOM_TRA_1PNPDE20101214_221711_000000403097_00259_45963_6707.N1	DC map used
GOM_TRA_1PNPDE20101214_222102_000000633097_00259_45963_6708.N1	DC map used
GOM_TRA_1PNPDE20101214_222659_000000143097_00259_45963_6709.N1	DC map used

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

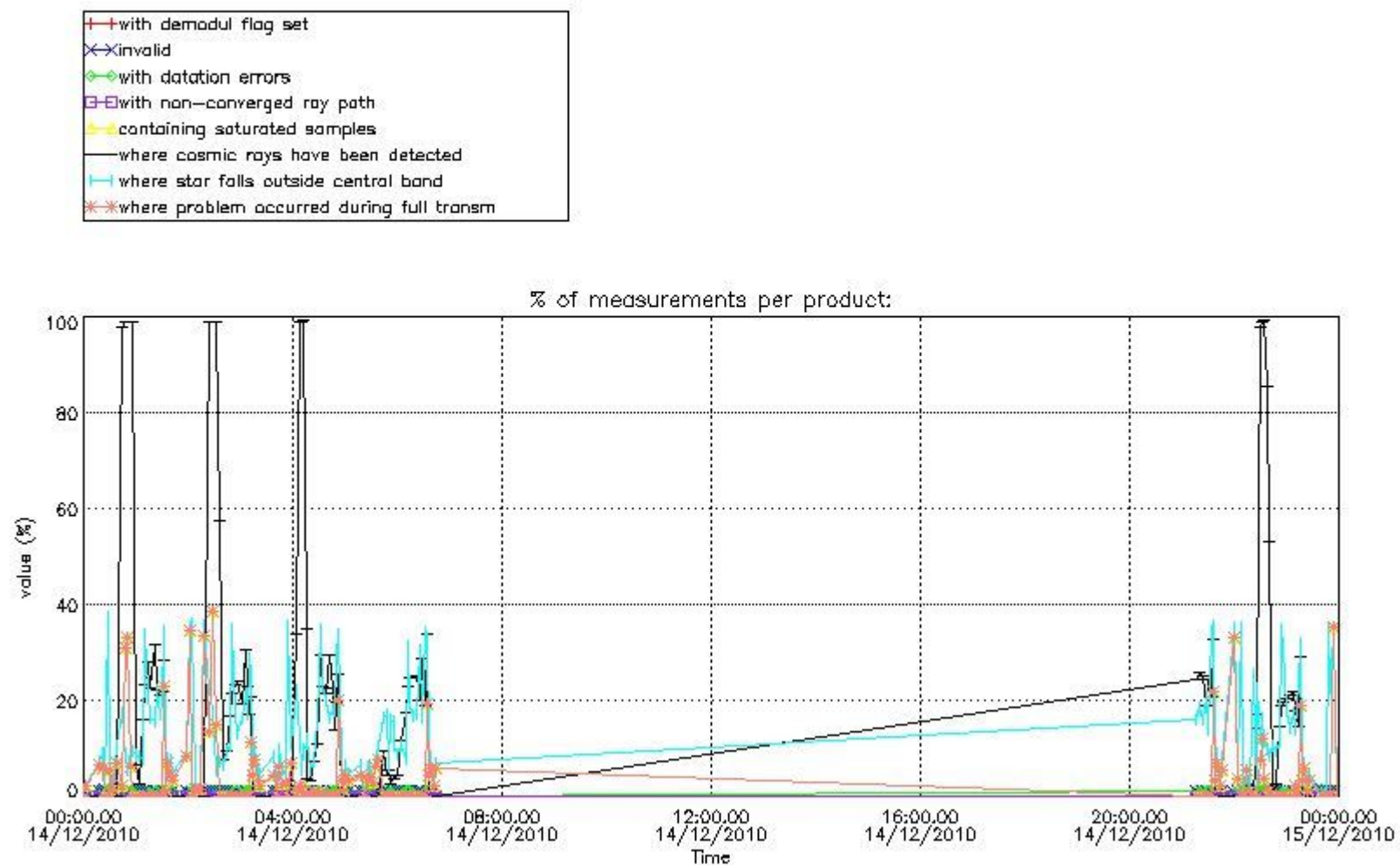


In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

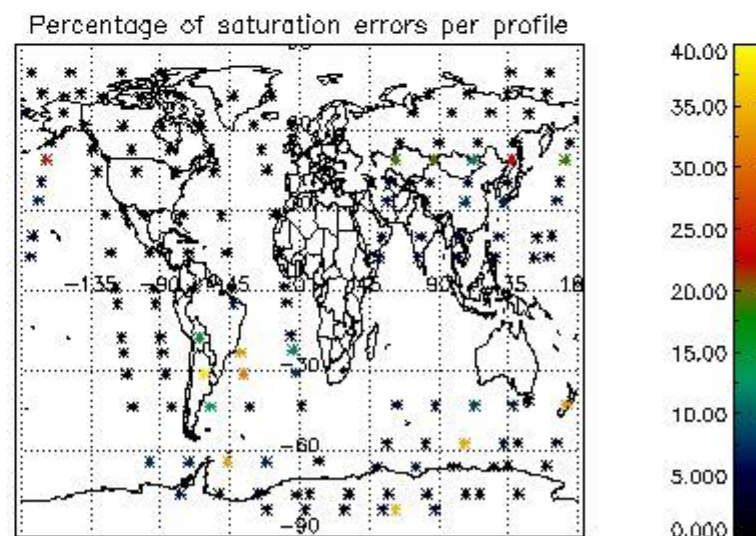
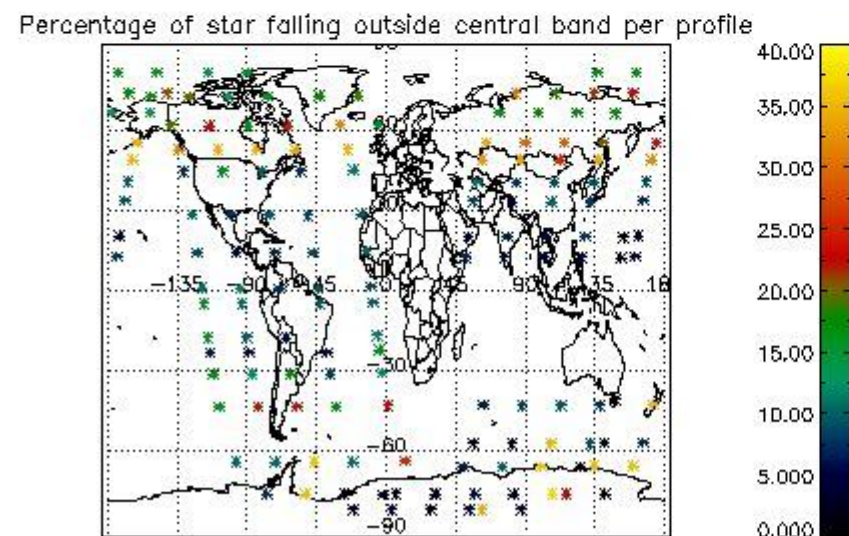
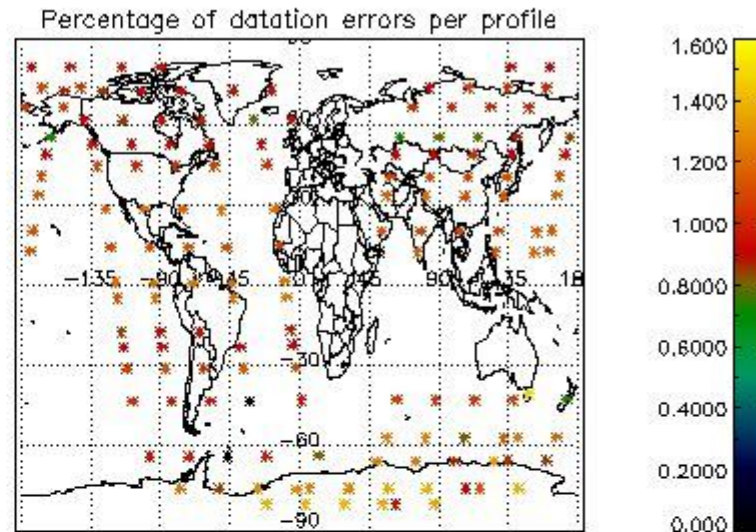
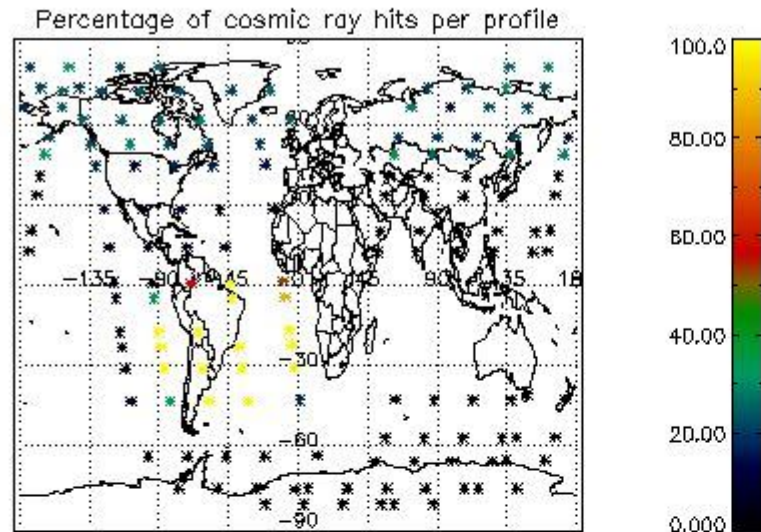
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	56.0510 %
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)



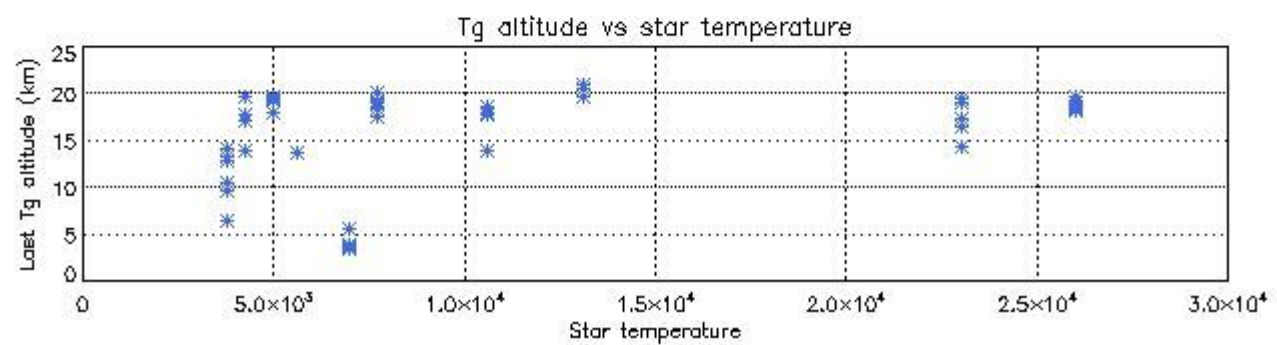
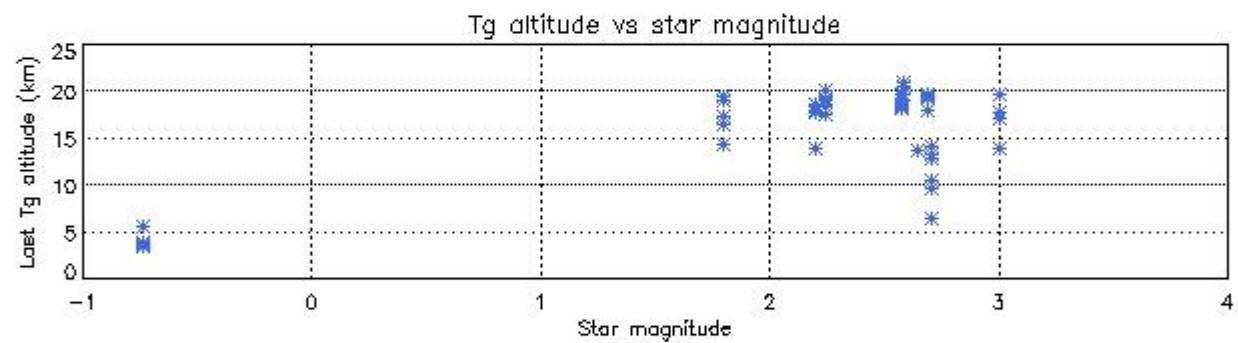
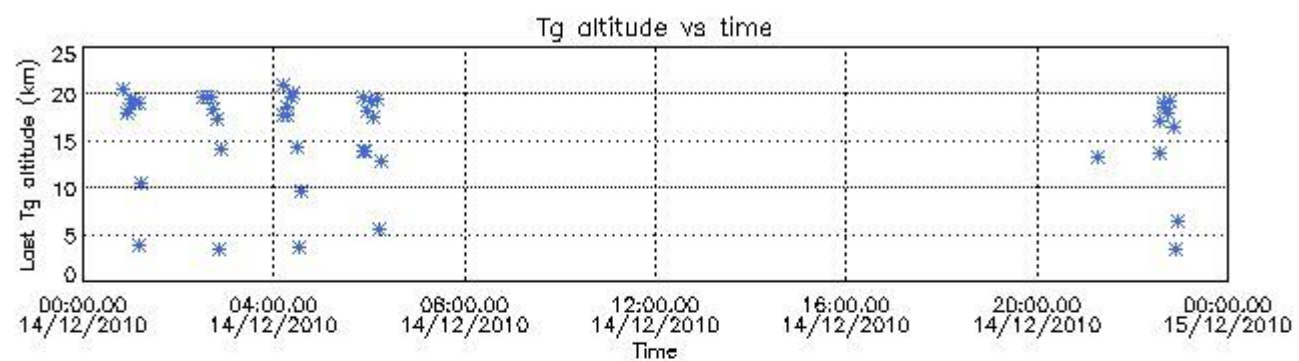
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.535	18.718	15.366
St. deviation:	5.2726	6.5813	2.1541
Maximum:	21.045	28.060	17.911
Minimum:	3.4062	3.1518	12.348
Number of data:	43.000	67.000	5.0000

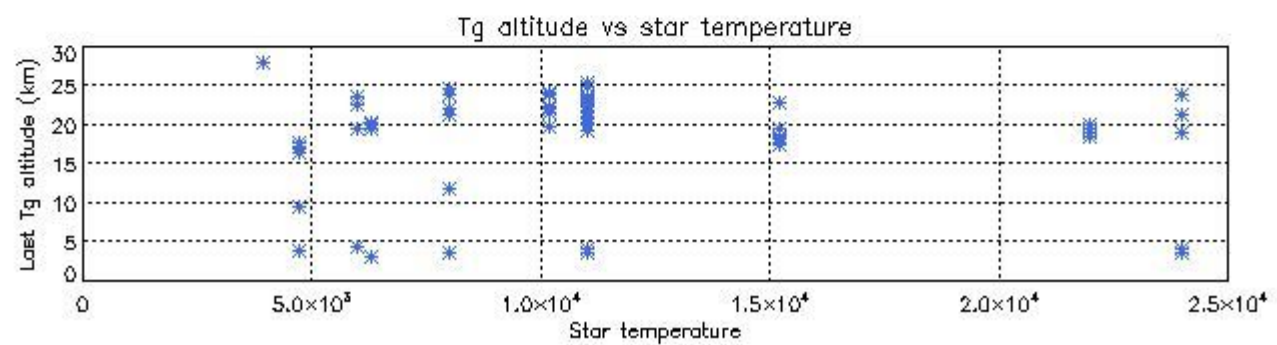
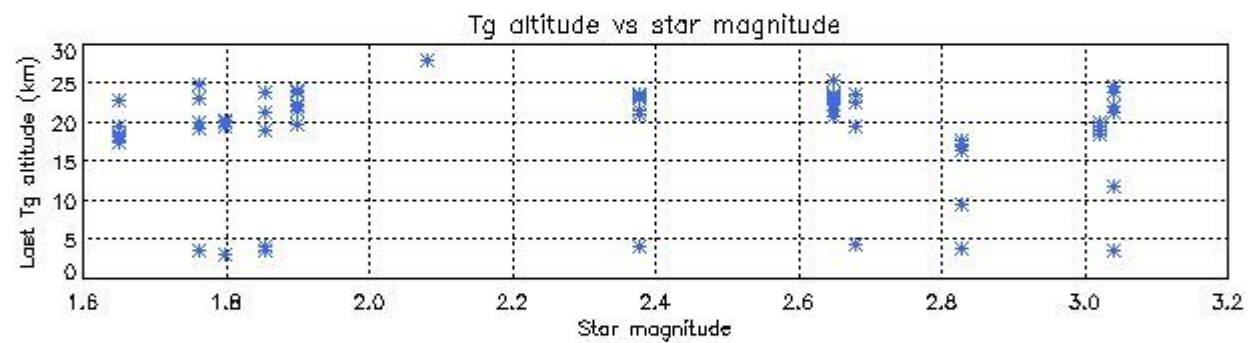
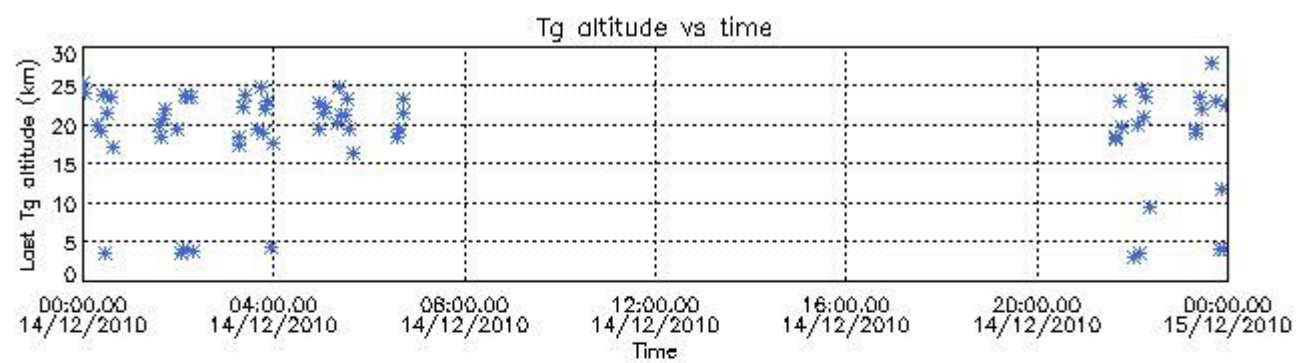
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



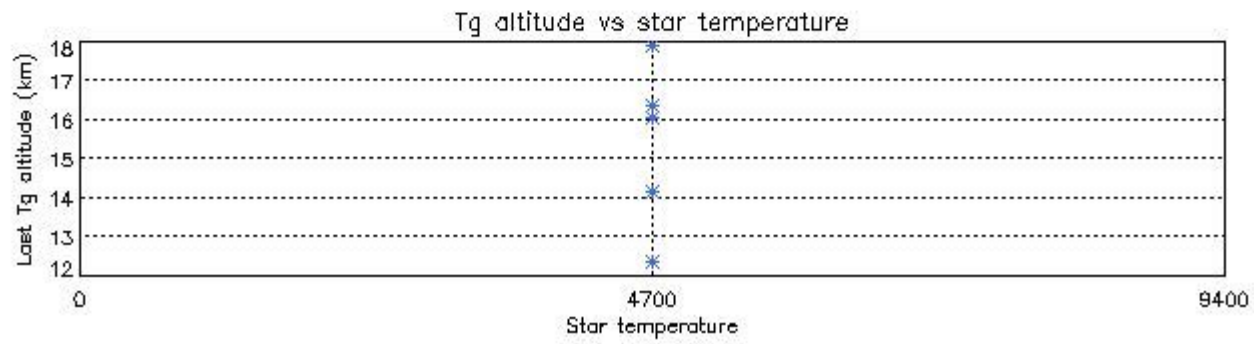
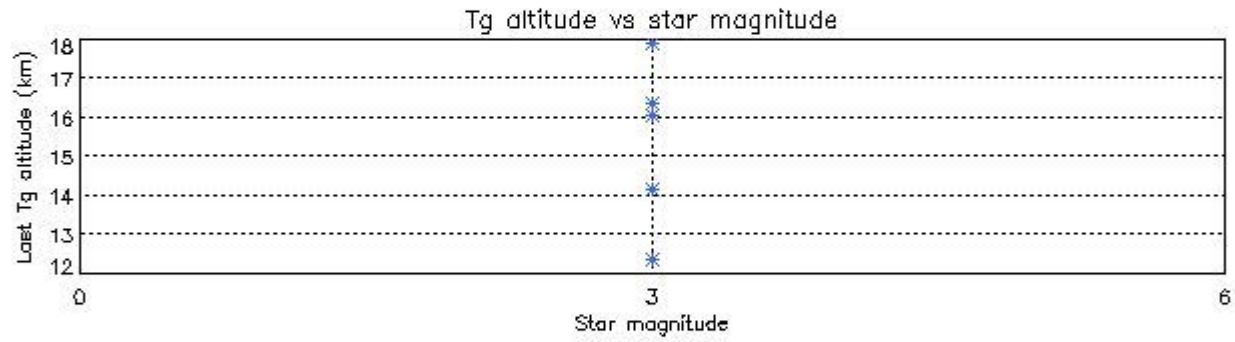
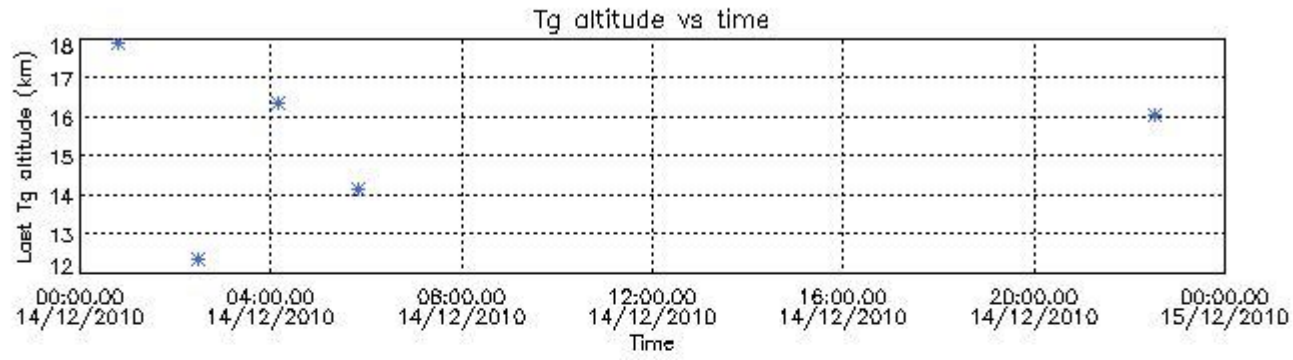
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

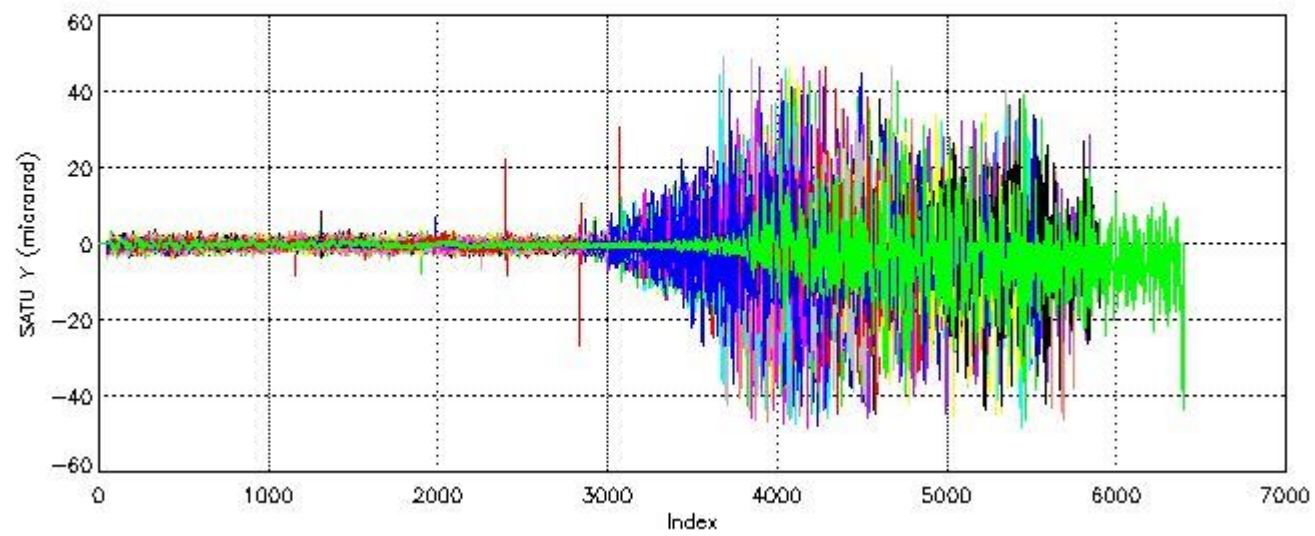
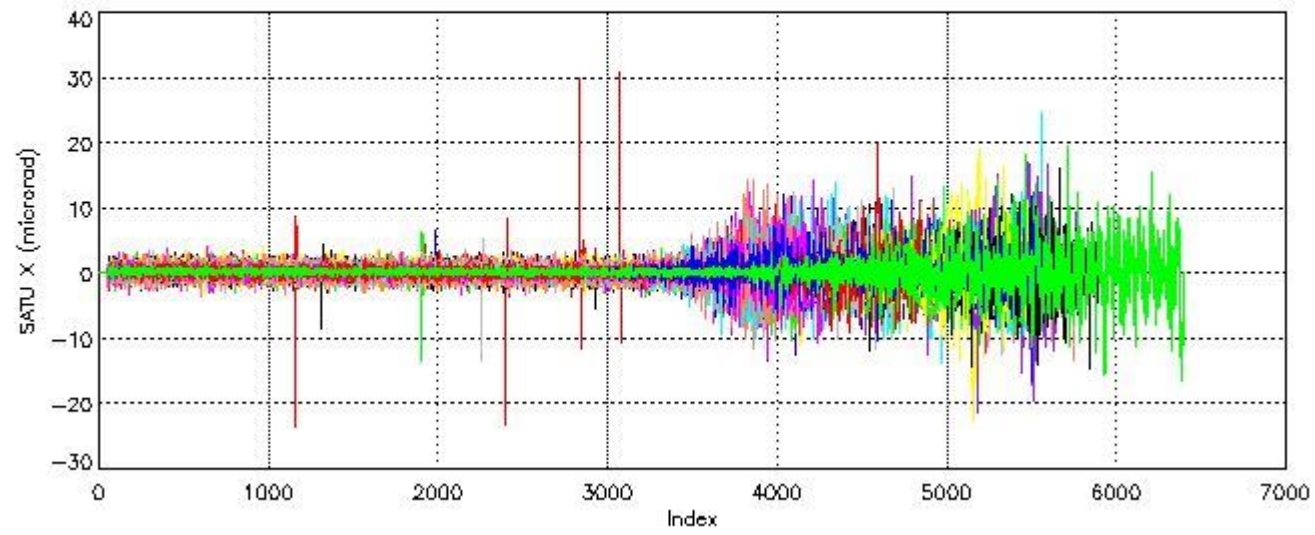


7. Star Acquisition and Tracking Unit (SATU)

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:	0.22591	-0.30915	0.16945	-0.22649
St. deviation:	0.56484	0.68928	0.87004	0.97836
Maximum:	8.6000	8.4000	7.2000	7.5000
Minimum:	-23.400	-8.4000	-7.0000	-7.2000

Number of data:	47550.	47550.	67600.	67600.
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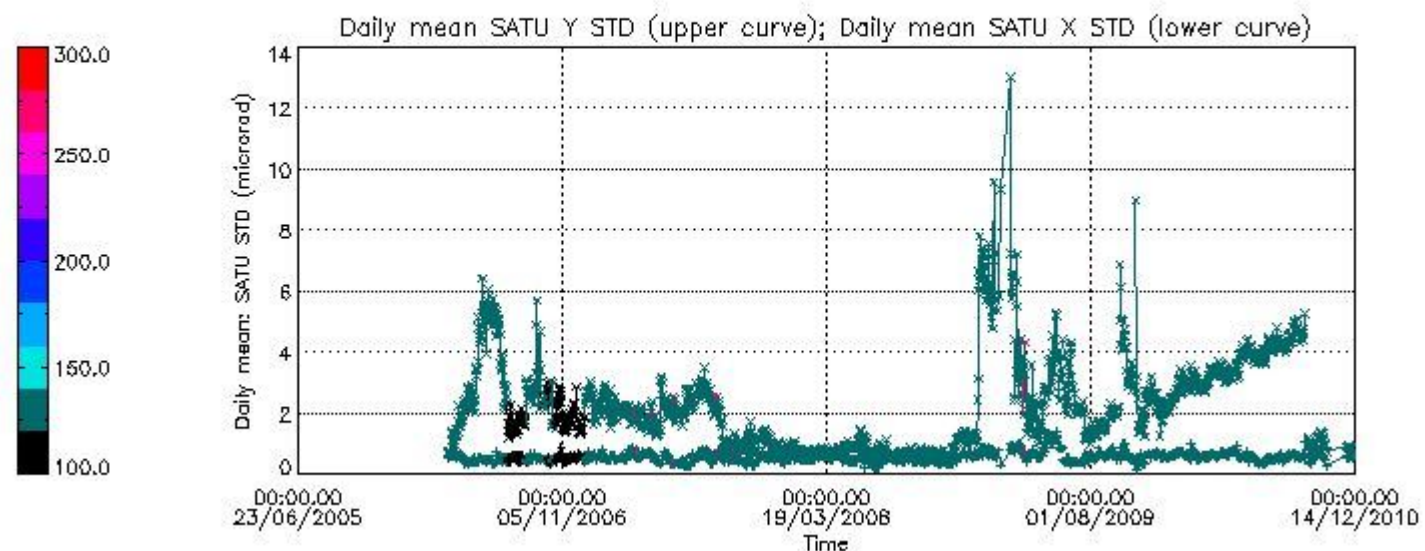
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

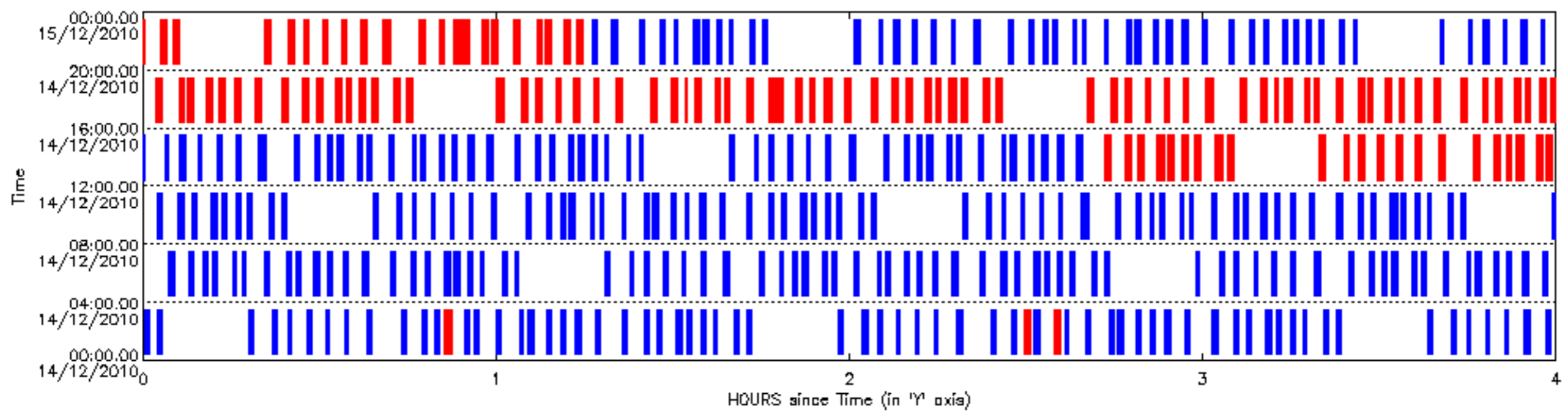
Lower curve: STD of SATU X axis

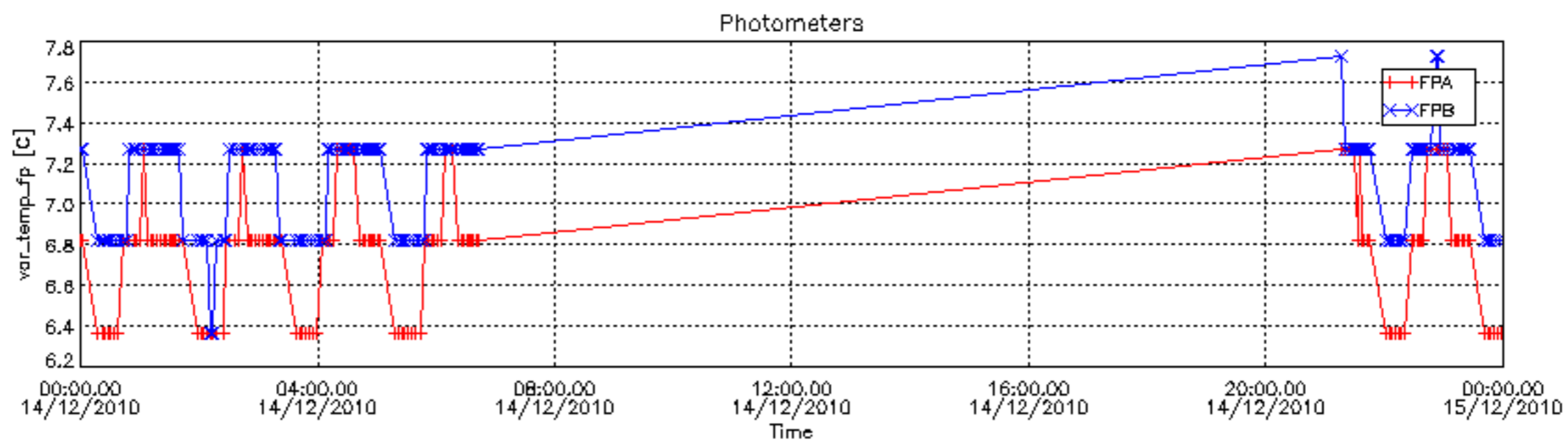
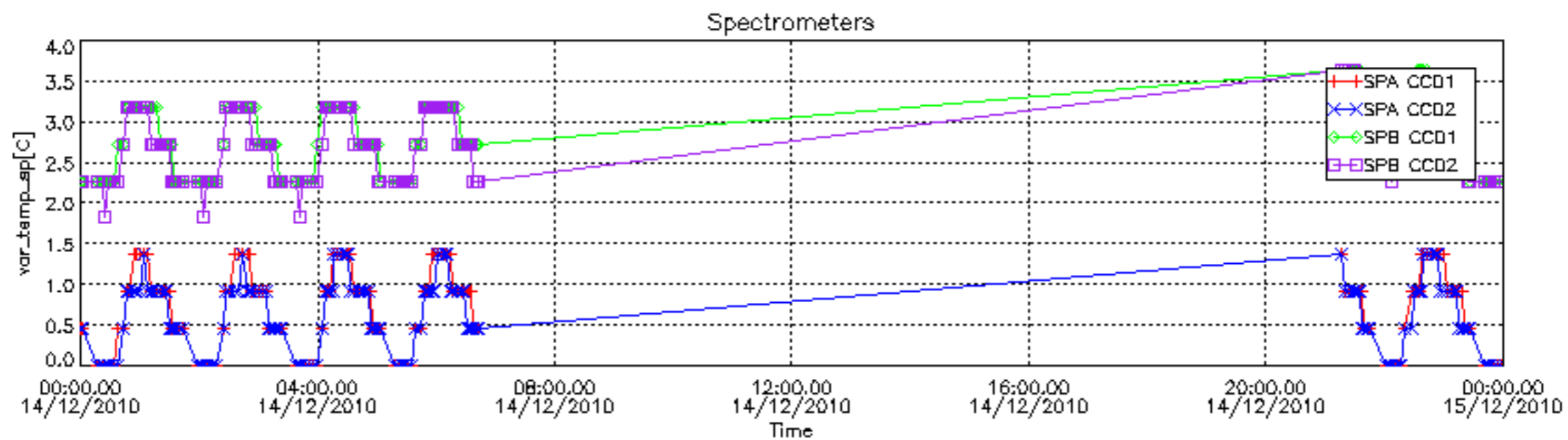


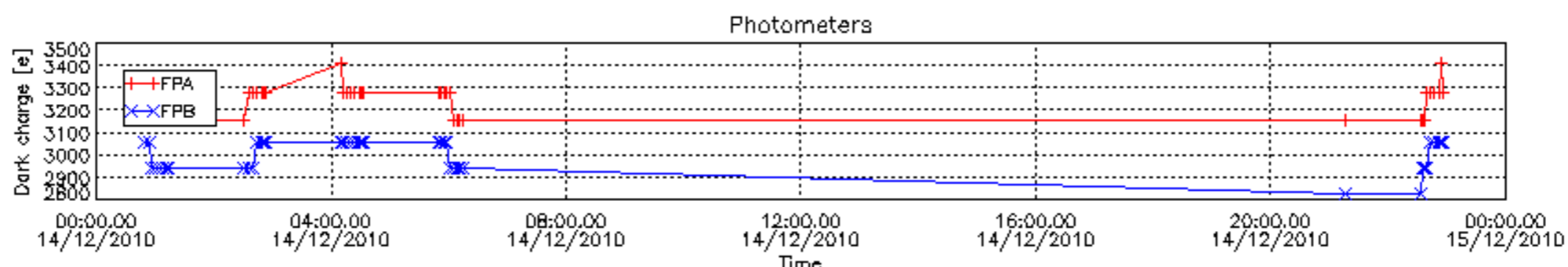
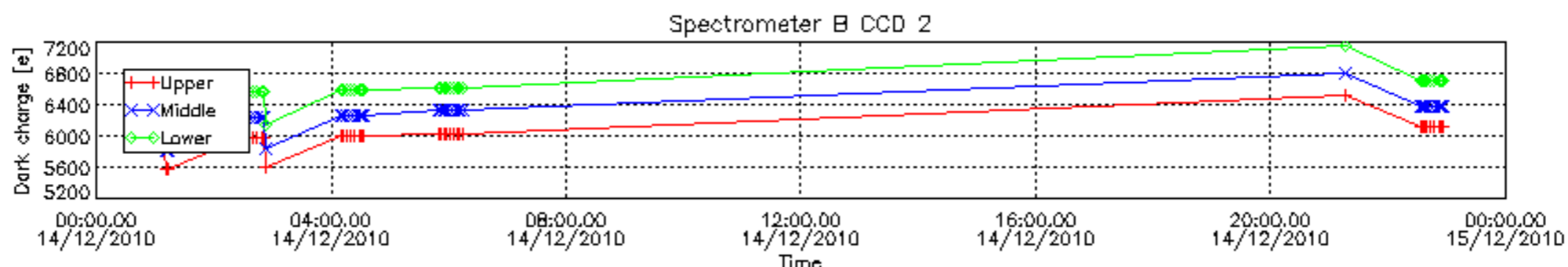
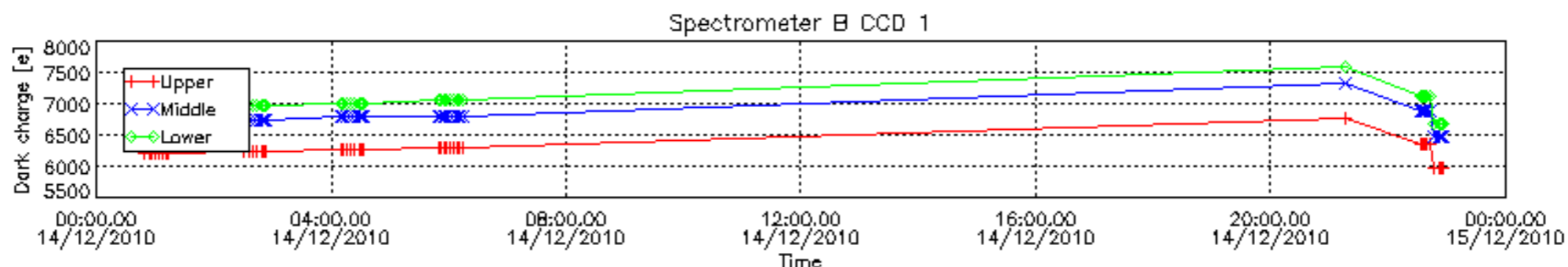
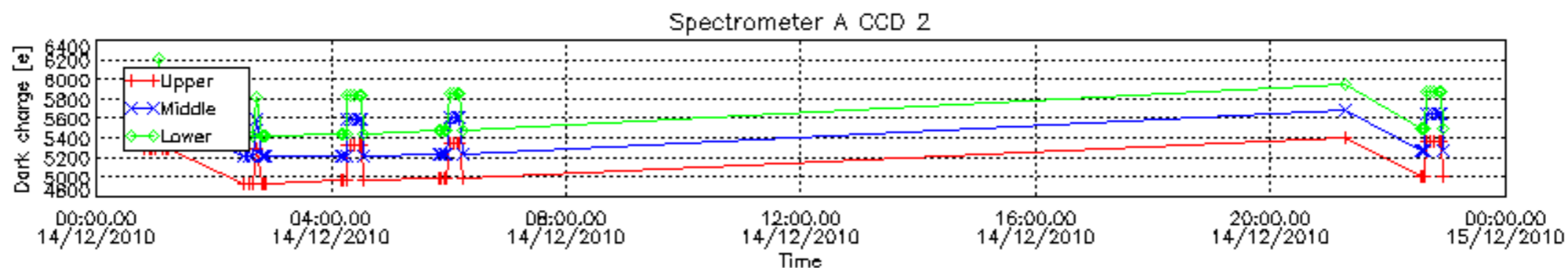
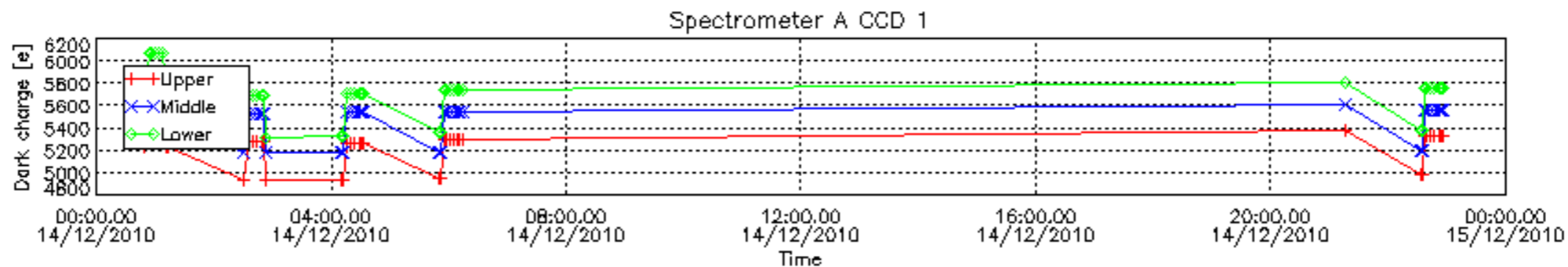
8. Auxiliary Data Files used for the production reported in section 2.4

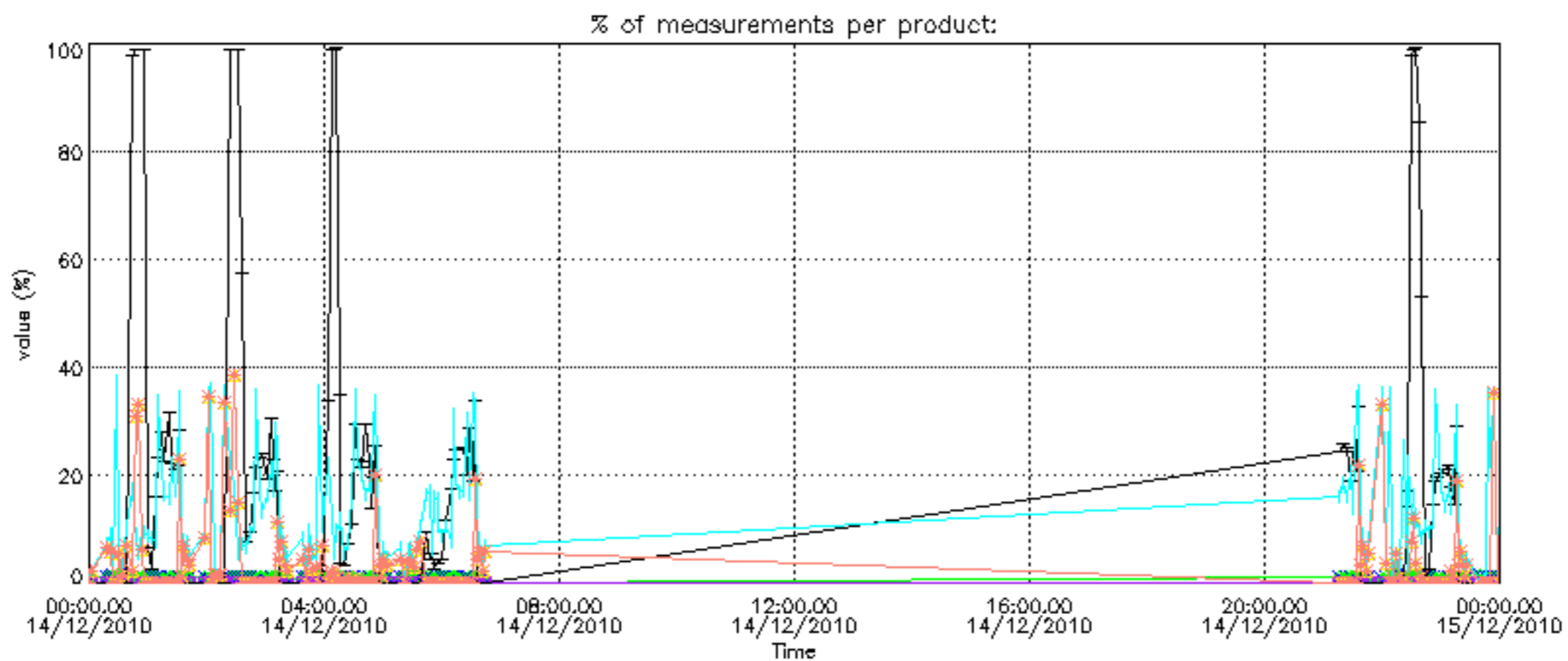
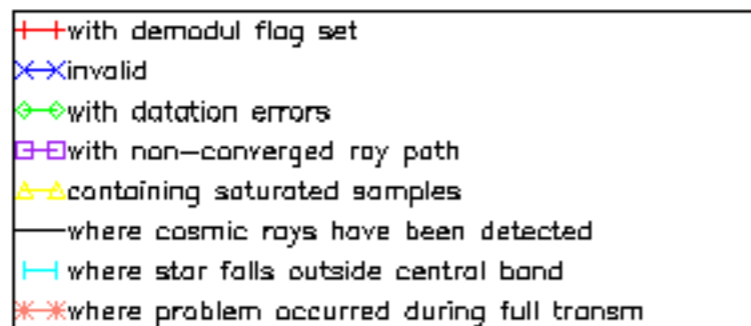
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-DEC-2010 00:00:13
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20101201_093519_20101129_000000_20500101_000000	1	14-DEC-2010 00:00:13
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20101214_130634_20101212_000000_20500101_000000	112	14-DEC-2010 21:16:17
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	14-DEC-2010 00:00:13
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	14-DEC-2010 00:00:13
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	14-DEC-2010 00:00:13
ECMWF_FILE	AUX_ECF_AXNECM20101213_054114_20101213_210000_20101214_090000	1	14-DEC-2010 00:00:13
ECMWF_FILE	AUX_ECF_AXNECM20101213_174115_20101214_030000_20101214_150000	56	14-DEC-2010 03:38:17
ECMWF_FILE	AUX_ECA_AXNECM20101214_052114_20101213_210000_20101214_090000	84	14-DEC-2010 05:18:30
ECMWF_FILE	AUX_ECF_AXNECM20101214_054115_20101214_210000_20101215_090000	112	14-DEC-2010 21:16:17
OPTIONAL_ECMWF_FILE	MISSING	1	14-DEC-2010 00:00:13
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101213_230430_000057383097_00245_45949_2123.N1	1	14-DEC-2010 00:00:13
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20101213_102115_20101212_185148_20101222_210541	11	14-DEC-2010 00:47:16
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101214_021546_000044633097_00247_45951_2125.N1	37	14-DEC-2010 02:24:02
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101214_033528_000057383097_00248_45952_2126.N1	56	14-DEC-2010 03:38:17
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101214_051625_000054193097_00249_45953_2127.N1	84	14-DEC-2010 05:18:30
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101214_211248_000038253097_00259_45963_2128.N1	112	14-DEC-2010 21:16:17
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101214_222152_000060573097_00259_45963_2129.N1	131	14-DEC-2010 22:26:59

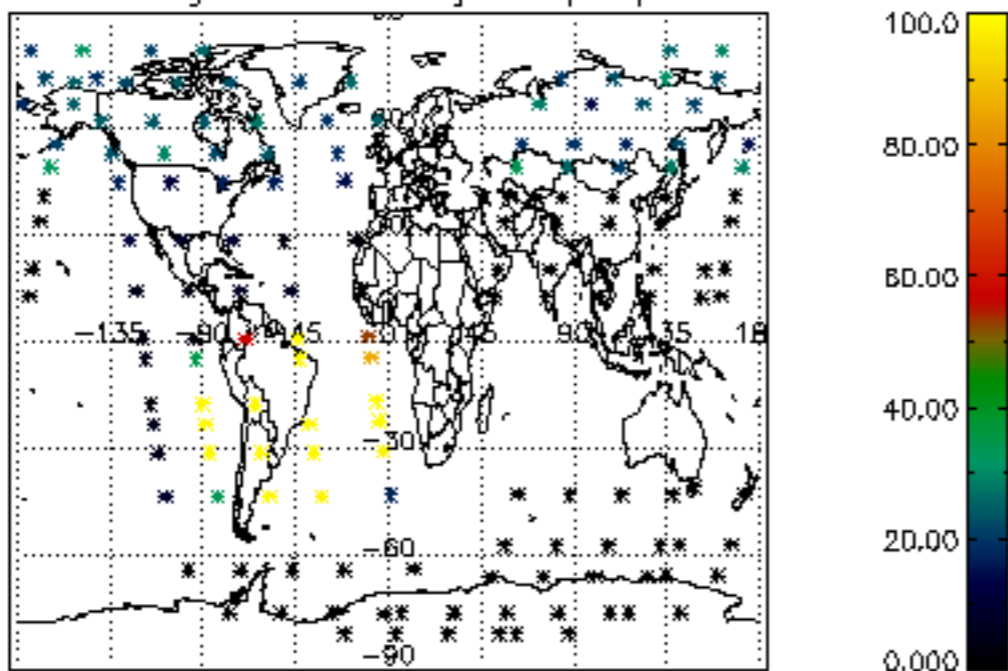




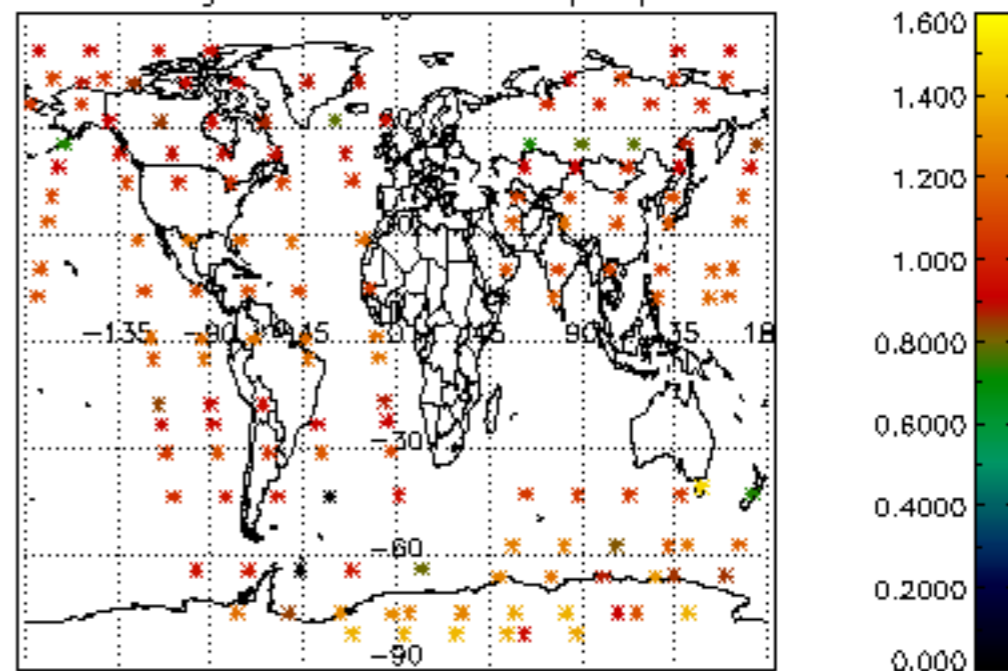




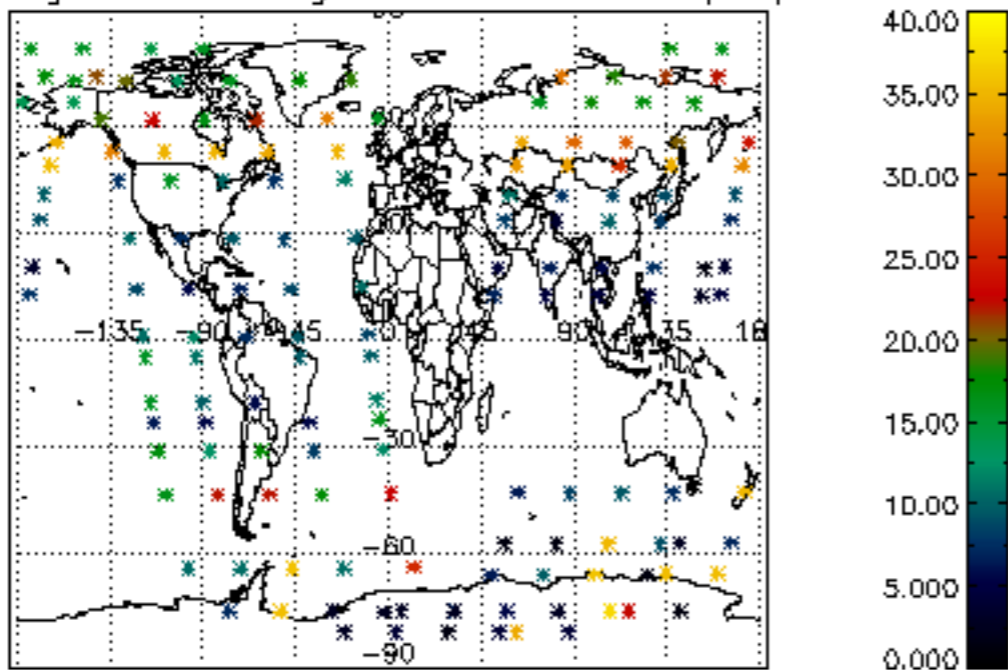
Percentage of cosmic ray hits per profile



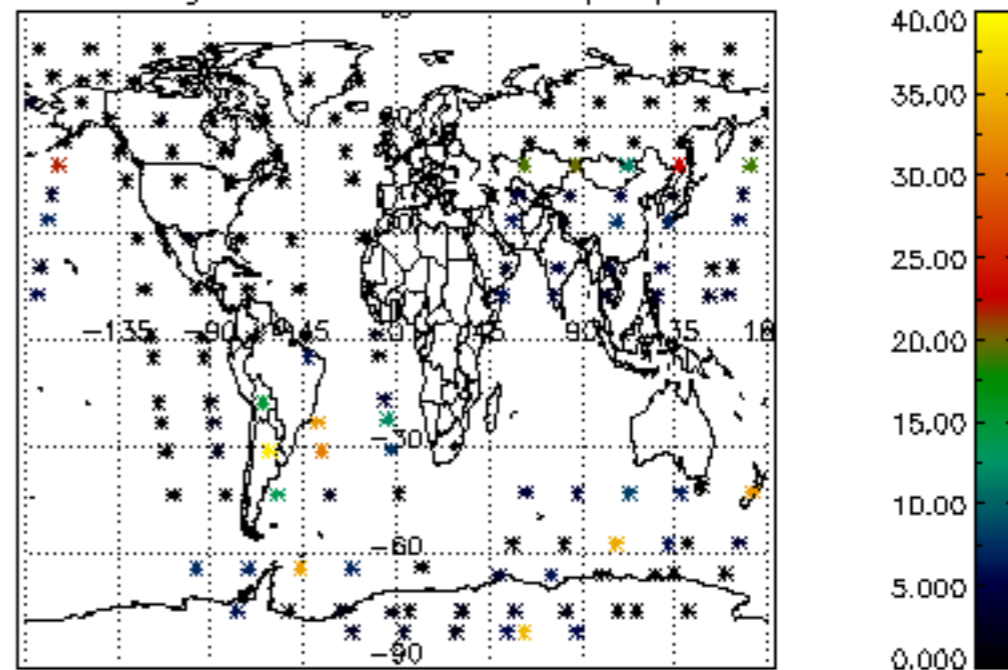
Percentage of datation errors per profile



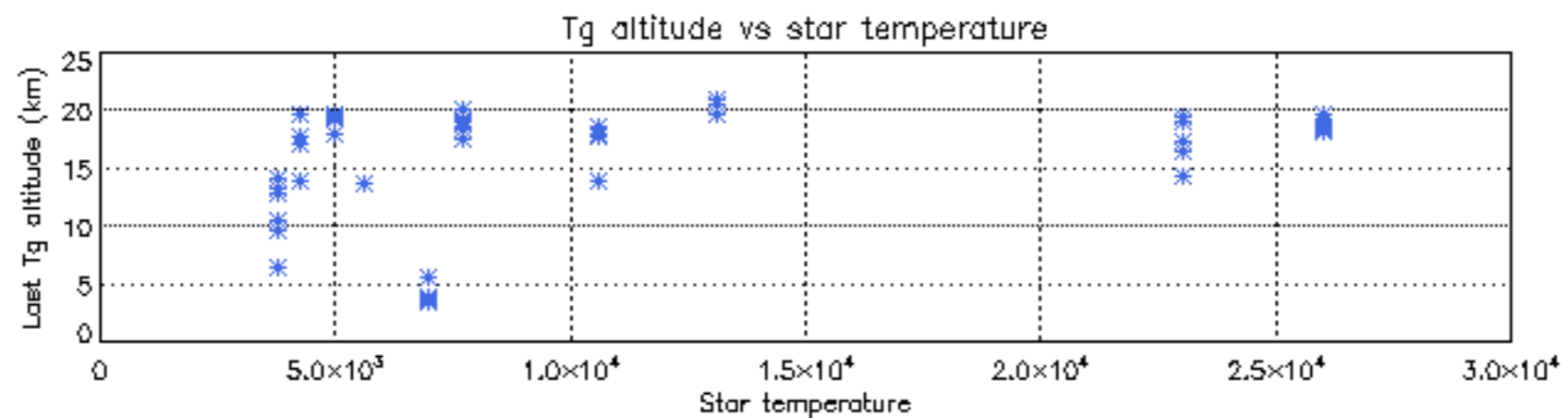
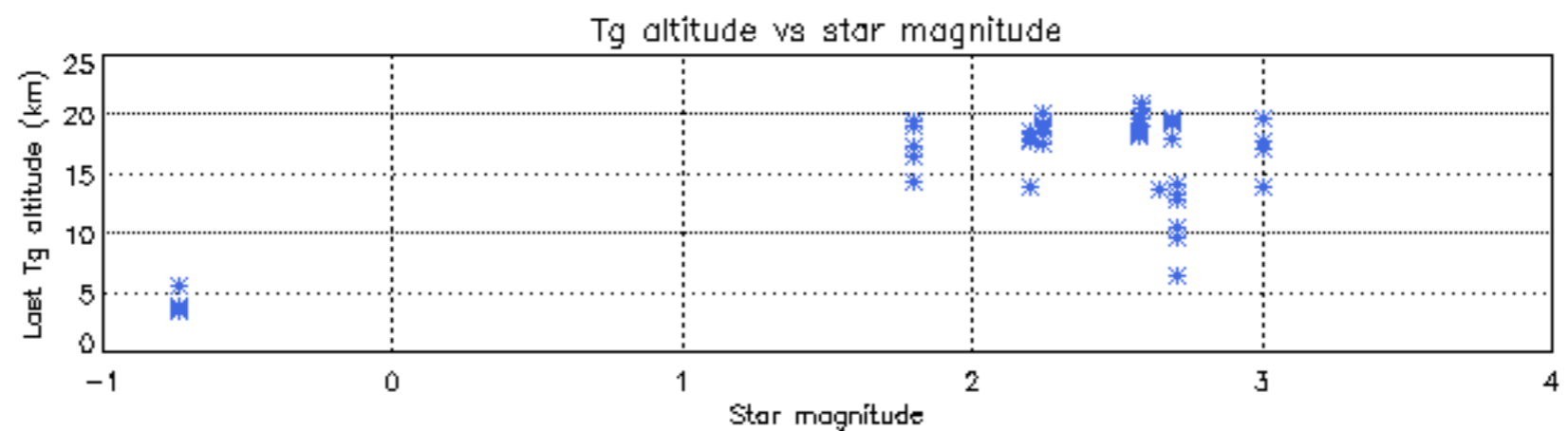
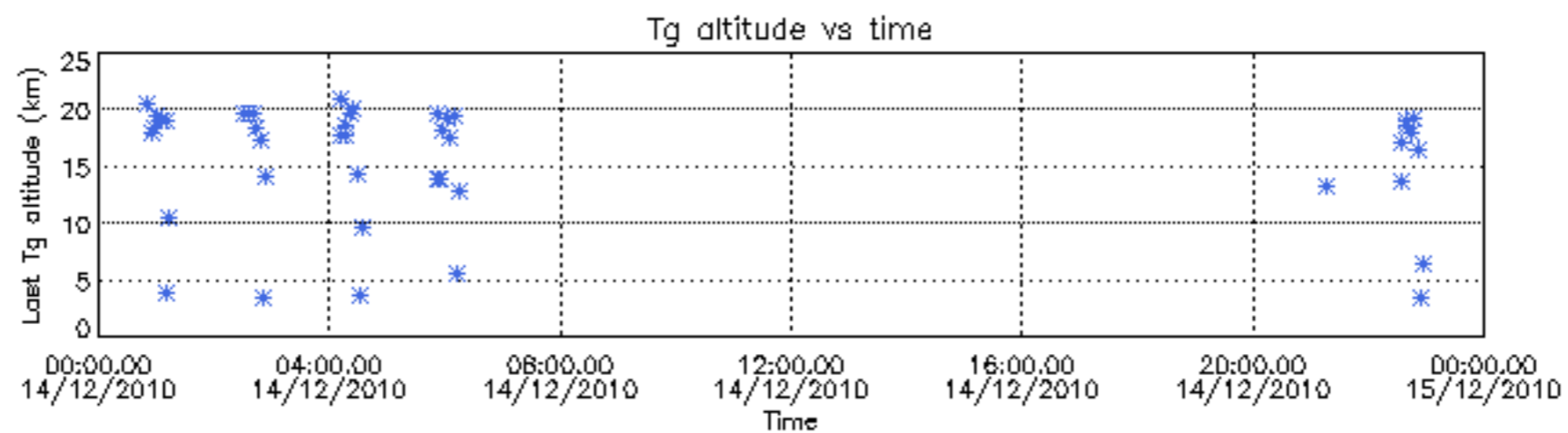
Percentage of star falling outside central band per profile



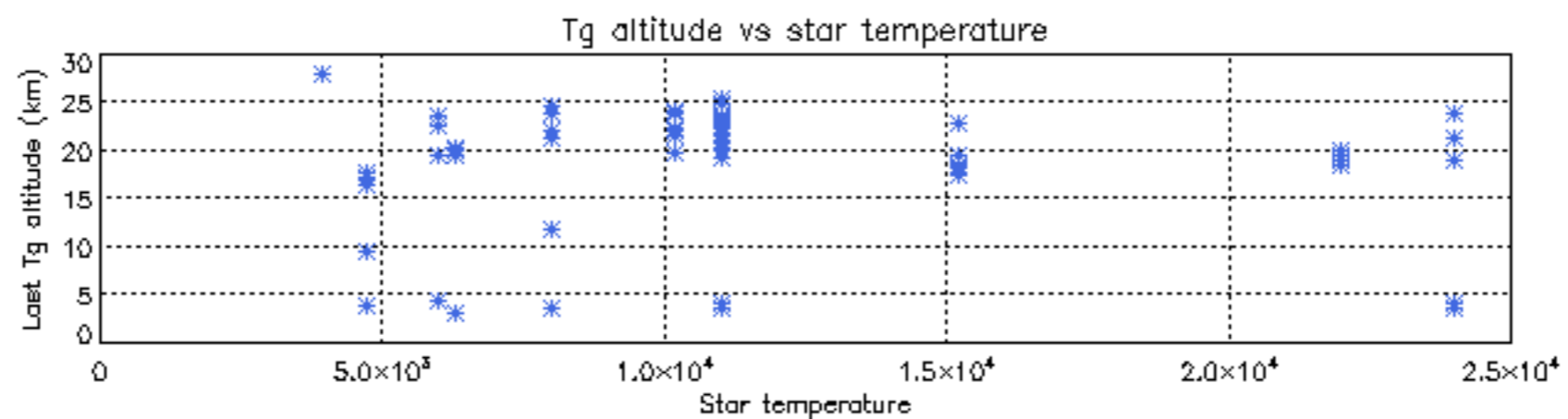
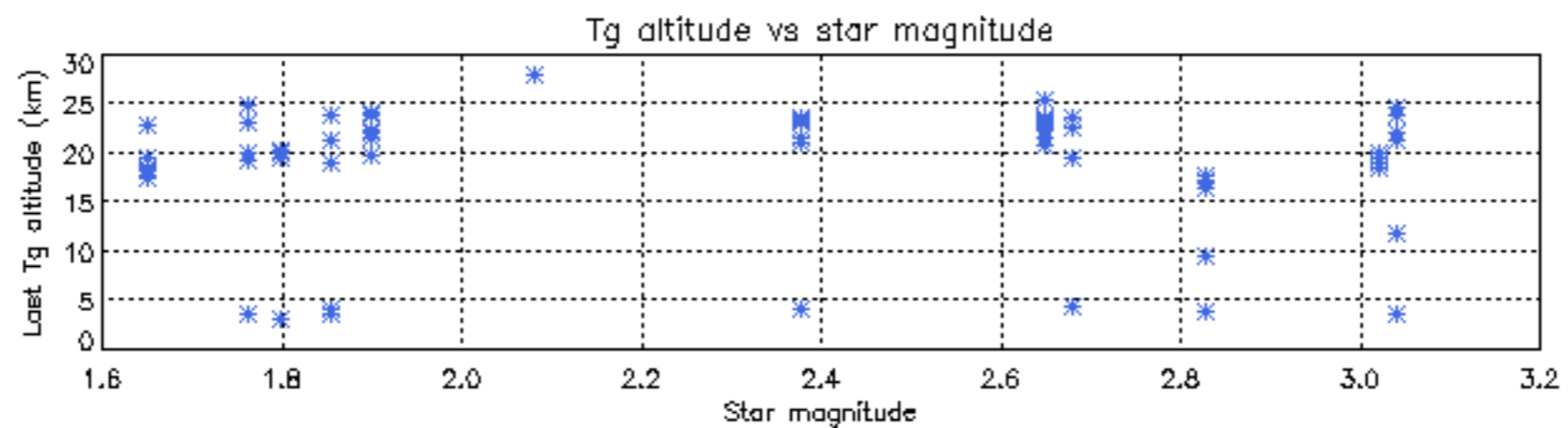
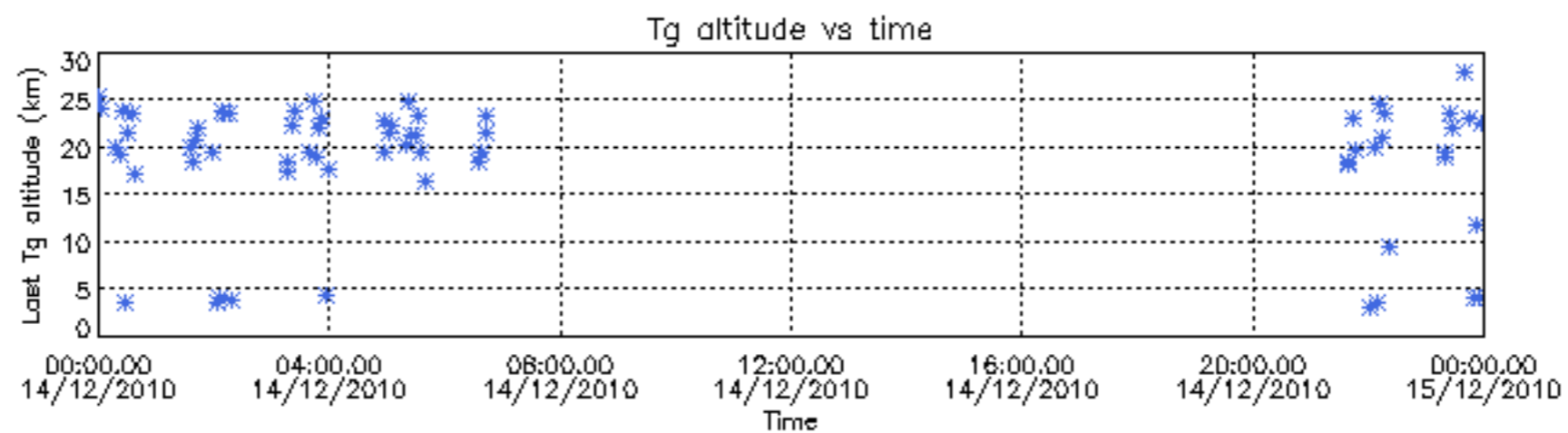
Percentage of saturation errors per profile



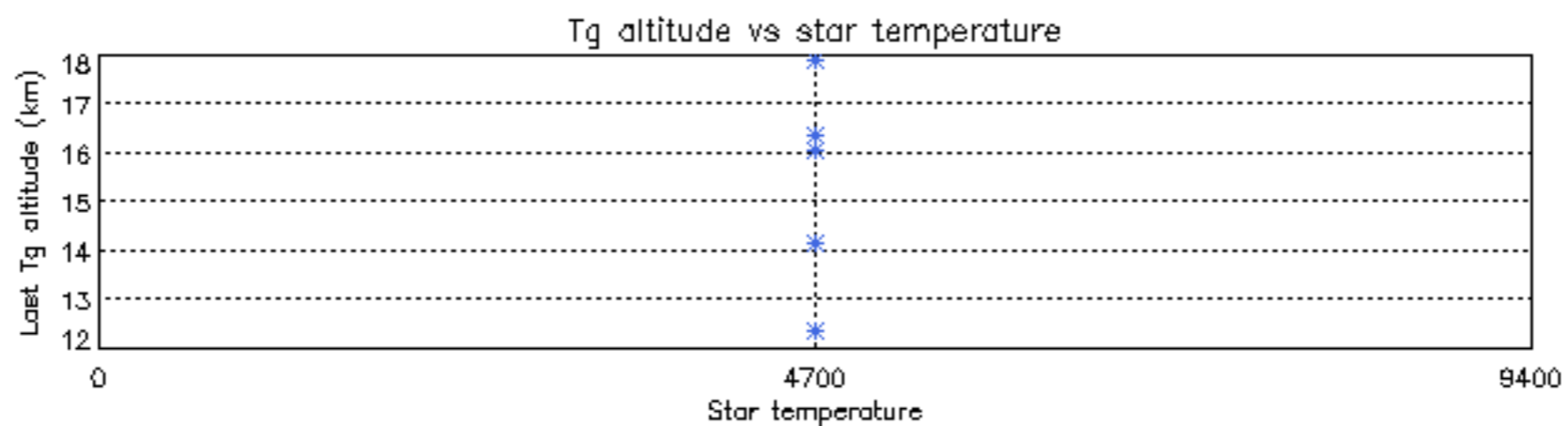
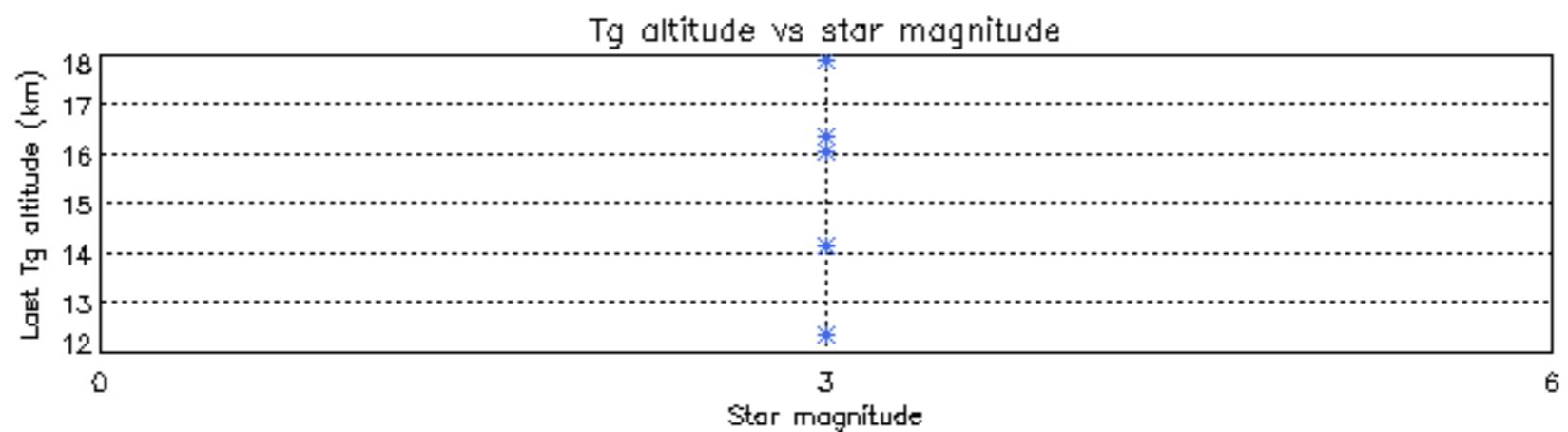
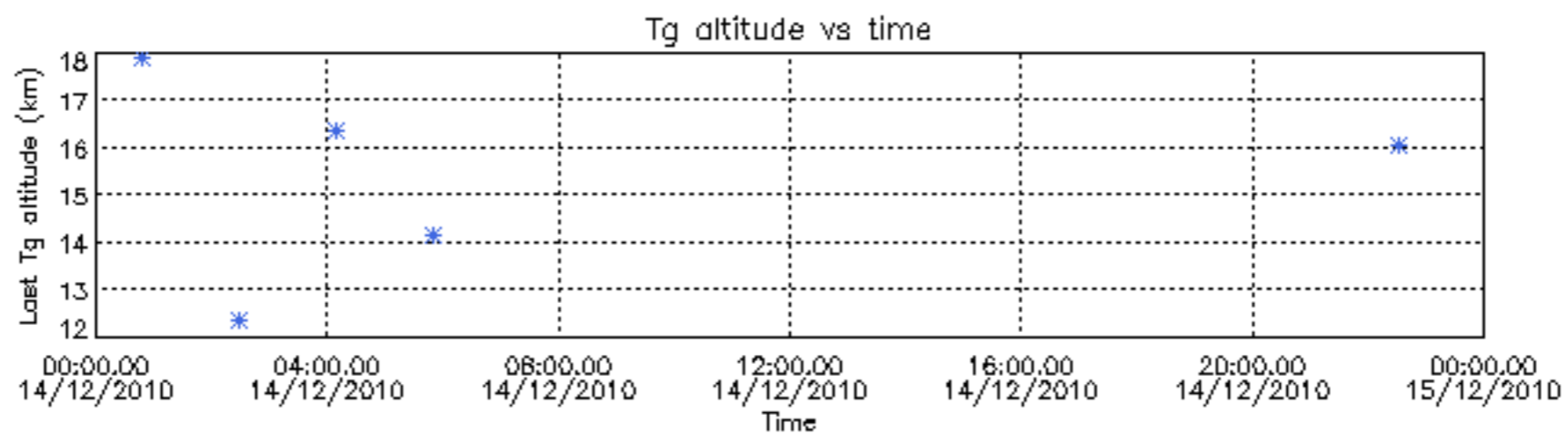
Tangent altitude at which the star is lost

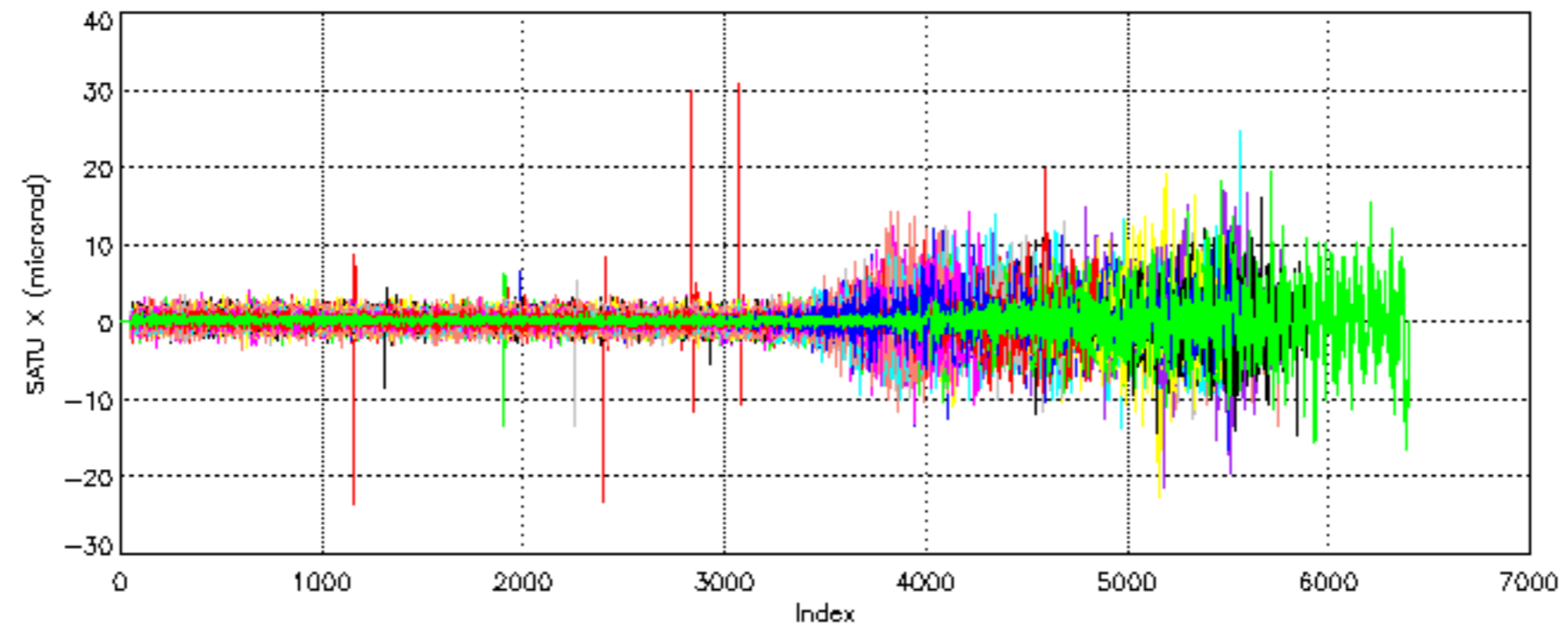


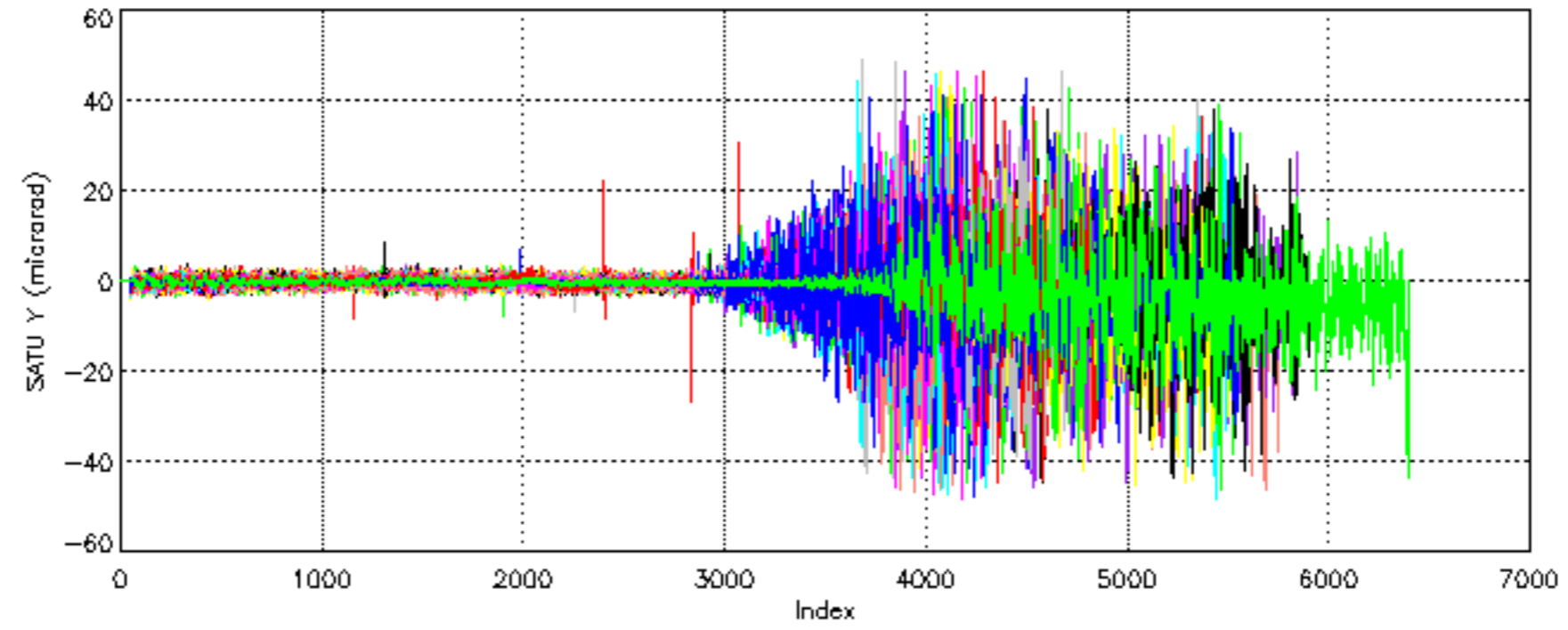
Tangent altitude at which the star is lost

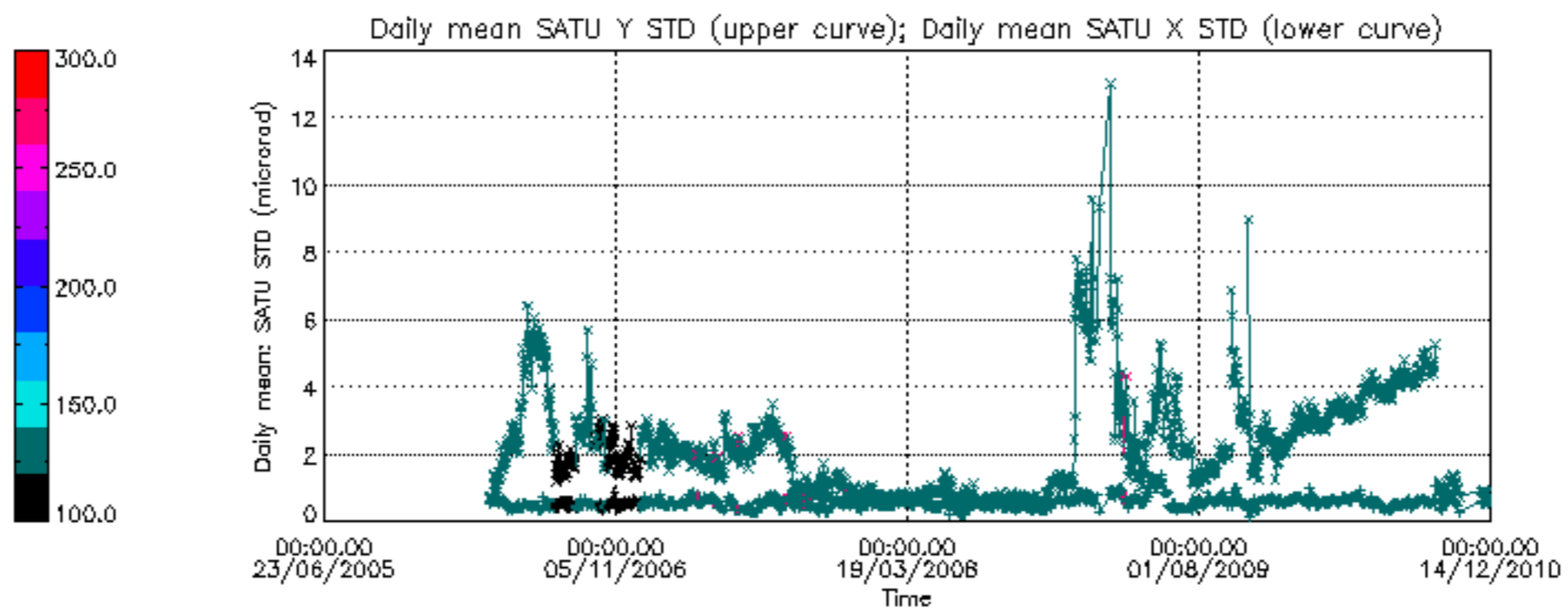


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20101201_002235_000056993097_00059_45763_1795.N1

1; -581.2; 01-DEC-2010 00:22:35; Dark ; 49.0; 100; 4Gam Crv ; 2.58; 13100;occ; 98; 0;45763
 2; -485.7; 01-DEC-2010 00:24:11; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;45763
 3; 80.8; 01-DEC-2010 00:33:37; Dark ; 42.0; 113; Mu Vel ; 2.69; 5000;occ; 84; 0;45764
 4; 404.8; 01-DEC-2010 00:39:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45764
 5; 595.6; 01-DEC-2010 00:42:12; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;45764
 6; 797.9; 01-DEC-2010 00:45:35; Dark ; 49.0; 2; Alp Car ;-0.74; 7000;occ; 98; 0;45764
 7; 907.6; 01-DEC-2010 00:47:24; Dark ; 59.5; 117; Pi Pup ; 2.71; 3800;occ; 119; 0;45764
 8; 1181.6; 01-DEC-2010 00:51:58; Dark ; 47.0; 108; Alp Col ; 2.65; 15200;occ; 94; 0;45764
 9; 1523.2; 01-DEC-2010 00:57:40; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;45764
 10; 1739.4; 01-DEC-2010 01:01:16; Dark ; 68.5; 7; 19Bet Ori ; 0.10; 14000;occ; 137; 0;45764
 11; 2218.1; 01-DEC-2010 01:09:15; Bright; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;45764
 12; 2314.7; 01-DEC-2010 01:10:51; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 0;45764
 13; 2456.2; 01-DEC-2010 01:13:13; Bright; 36.5; 150; 44Zet Per ; 2.89; 28000;occ; 73; 0;45764
 14; 2601.4; 01-DEC-2010 01:15:38; Bright; 37.0; 149; 45Eps Per ; 2.89; 30000;occ; 74; 0;45764
 15; 2722.5; 01-DEC-2010 01:17:39; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45764
 16; 2831.7; 01-DEC-2010 01:19:28; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;45764
 17; 2940.4; 01-DEC-2010 01:21:17; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;45764
 18; 3801.3; 01-DEC-2010 01:35:38; Bright; 45.0; 36; 50Alp UMa ; 1.80; 6300;occ; 90; 0;45764
 19; 3896.8; 01-DEC-2010 01:37:13; Bright; 68.0; 82; 48Bet UMa ; 2.37; 10600;occ; 136; 0;45764
 20; 3994.3; 01-DEC-2010 01:38:51; Bright; 38.0; 32; 77Eps UMa ; 1.76; 11000;occ; 76; 0;45764
 21; 4165.0; 01-DEC-2010 01:41:42; Bright; 52.0; 174; 52Psi UMa ; 3.00; 4400;occ; 104; 0;45764
 22; 4326.2; 01-DEC-2010 01:44:23; Bright; 39.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 78; 0;45764
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 23; 6963.9; 04-DEC-2010 15:40:16; Dark ; 58.5; 117; Pi Pup ; 2.71; 3800;occ; 117; 0;45816
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23; 6464.7; 04-DEC-2010 20:32:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45819
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26; 8214.9; 05-DEC-2010 03:42:45; Dark ; 59.5; 13; 87Alp Tau ; 0.87; 3800;occ; 119; 39;45823
27; 8321.8; 05-DEC-2010 03:44:32; Bright; 24.0; 146; 25Eta Tau ; 2.87; 15200;occ; 48; 0;45823
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 3;-2027.6; 06-DEC-2010 05:16:01; Bright; 40.5; 32; 77Eps UMA ; 1.76; 11000;occ; 81; 0;45838
 4;-1893.7; 06-DEC-2010 05:18:15; Bright; 36.5; 39; 85Eta UMA ; 1.85; 24000;occ; 73; 0;45838
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 7;-1147.3; 06-DEC-2010 05:30:42; Bright; 63.0; 138; 47Eps Vir ; 2.83; 4700;occ; 126; 0;45838
 8; -871.4; 06-DEC-2010 05:35:18; Dark ; 50.0; 121; 29Gam Vir ; 2.74; 7200;occ; 100; 0;45838
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11; 141.4; 06-DEC-2010 05:52:10; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;45839
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 5; 475.2; 06-DEC-2010 22:40:05; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45849
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 9; 1214.5; 06-DEC-2010 22:52:24; Dark ; 44.5; 108; Alp Col ; 2.65; 15200;occ; 89; 0;45849
 10; 1535.6; 06-DEC-2010 22:57:45; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;45849
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 23; 4120.1; 06-DEC-2010 23:40:49; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;45849
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 13; 3983.9; 07-DEC-2010 11:20:11; Bright; 41.5; 32; 77Eps UMA ; 1.76; 11000;occ; 83; 0;45856
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 17; 4875.1; 07-DEC-2010 11:35:03; Bright; 45.0; 138; 47Eps Vir ; 2.83; 4700;occ; 90; 0;45856
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 27; 6994.4; 07-DEC-2010 12:10:22; Dark ; 60.0; 117; Pi Pup ; 2.71; 3800;occ; 120; 0;45857
 28; 7231.5; 07-DEC-2010 12:14:19; Dark ; 44.0; 108; Alp Col ; 2.65; 15200;occ; 88; 0;45857
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 25; 6689.7; 07-DEC-2010 13:45:31; Dark ; 51.5; 34; Gam2Vel ; 1.79; 23000;occ; 103; 0;45858
 26; 6858.3; 07-DEC-2010 13:48:20; Dark ; 48.5; 2; Alp Car ; -0.74; 7000;occ; 97; 0;45858
 27; 6995.0; 07-DEC-2010 13:50:36; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;45858
 28; 7231.8; 07-DEC-2010 13:54:33; Dark ; 44.0; 108; Alp Col ; 2.65; 15200;occ; 88; 0;45858

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 7; 2441.4; 07-DEC-2010 14:14:57; Bright; 38.0; 150; 44Zet Per ; 2.89; 28000;occ; 76; 0;45858
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 9; 2709.2; 07-DEC-2010 14:19:25; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45858
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 17; 4876.0; 07-DEC-2010 14:55:31; Bright; 64.0; 138; 47Eps Vir ; 2.83; 4700;occ; 128; 0;45858
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 22; 5969.5; 07-DEC-2010 15:13:45; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;45858
 23; 6172.2; 07-DEC-2010 15:17:08; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45859
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 27; 6995.8; 07-DEC-2010 15:30:51; Dark ; 61.5; 117; Pi Pup ; 2.71; 3800;occ; 123; 0;45859
 28; 7232.1; 07-DEC-2010 15:34:48; Dark ; 46.5; 108; Alp Col ; 2.65; 15200;occ; 93; 0;45859

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 4; 2042.4; 07-DEC-2010 15:48:32; Dark ; 55.5; 27; 24Gam Ori ; 1.64; 26000;occ; 111; 0;45859
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 9; 2708.8; 07-DEC-2010 15:59:38; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45859
 10; 2858.9; 07-DEC-2010 16:02:08; Bright; 49.0; 42; 34Bet Aur ; 1.90; 10200;occ; 98; 0;45859
 11; 3765.0; 07-DEC-2010 16:17:15; Bright; 66.0; 36; 50Alp UMa ; 1.80; 6300;occ; 132; 0;45859
 12; 3857.0; 07-DEC-2010 16:18:46; Bright; 49.5; 82; 48Bet UMa ; 2.37; 10600;occ; 99; 0;45859
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 20; 5519.1; 07-DEC-2010 16:46:29; Dark ; 50.0; 100; 4Gam Crv ; 2.58; 13100;occ; 100; 0;45859
 21; 5615.4; 07-DEC-2010 16:48:05; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;45859
 22; 5970.1; 07-DEC-2010 16:54:00; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;45859
 23; 6173.1; 07-DEC-2010 16:57:23; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;45860
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 27; 6996.5; 07-DEC-2010 17:11:06; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;45860

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 19; 4876.9; 07-DEC-2010 18:16:01; Bright; 45.5; 138; 47Eps Vir ; 2.83; 4700;occ; 91; 0;45860
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 22; 5520.1; 07-DEC-2010 18:26:44; Dark ; 49.0; 100; 4Gam Crv ; 2.58; 13100;occ; 98; 0;45860
 23; 5616.4; 07-DEC-2010 18:28:20; Dark ; 53.5; 171; 2Eps Crv ; 3.00; 4250;occ; 107; 0;45860
 24; 5970.6; 07-DEC-2010 18:34:14; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;45860
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 29; 6997.1; 07-DEC-2010 18:51:21; Dark ; 0.5; 117; Pi Pup ; 2.71; 3800;occ; 1; 0;45861

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 4; 1735.8; 07-DEC-2010 19:03:54; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;45861
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14; 4512.8; 17-DEC-2010 13:42:54; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;46001
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13; 4115.3; 17-DEC-2010 16:56:44; Bright; 42.0; 39; 85Eta UMa ; 1.85; 24000;occ; 84; 0;46003
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9; 3684.0; 20-DEC-2010 08:18:26; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;46041
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13; 4520.0; 20-DEC-2010 08:32:22; Bright; 56.0; 83; ; 2.38; 11000;occ; 112; 0;46041
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13; 4111.4; 20-DEC-2010 16:46:44; Bright; 42.0; 39; 85Eta UMa ; 1.85; 24000;occ; 84; 0;46046
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 6; 1743.0; 21-DEC-2010 20:31:14; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;46063
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27; 6768.3; 24-DEC-2010 18:24:34; Dark ; 61.0; 65; Lam Vel ; 2.20; 4400;occ; 122; 0;46105
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6; 1746.7; 24-DEC-2010 18:41:07; Dark ; 50.5; 7; 19Bet Ori ; 0.10; 14000;occ; 101; 0;46105
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13;	3680.5;	24-DEC-2010	19:13:21;	Bright;	;	54.0;	60;	7Bet UMi	;	2.08;	3950;occ;	108;	0;	46105
14;	3928.2;	24-DEC-2010	19:17:28;	Bright;	;	46.5;	32;	77Eps UMa	;	1.76;	11000;occ;	93;	0;	46105
15;	4104.8;	24-DEC-2010	19:20:25;	Bright;	;	43.5;	39;	85Eta UMa	;	1.85;	24000;occ;	87;	0;	46105
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22;	5794.1;	24-DEC-2010	19:48:34;	Dark	;	44.0;	123;	Iot Cen	;	2.75;	10200;occ;	88;	0;	46105
23;	6035.7;	24-DEC-2010	19:52:36;	Dark	;	43.0;	64;	Gam Cen	;	2.20;	10600;occ;	86;	0;	46106
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27;	6684.2;	24-DEC-2010	20:03:24;	Dark	;	56.5;	41;	Eps Car	;	1.86;	4100;occ;	113;	0;	46106
28;	6769.1;	24-DEC-2010	20:04:49;	Dark	;	58.5;	65;	Lam Vel	;	2.20;	4400;occ;	117;	0;	46106
29;	6865.0;	24-DEC-2010	20:06:25;	Dark	;	46.0;	34;	Gam2Vel	;	1.79;	23000;occ;	92;	0;	46106
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25;	4532.3;	25-DEC-2010	02:08:28;	Bright;	;	58.0;	83;		;	2.38;	11000;occ;	116;	0;	46109
26;	4754.1;	25-DEC-2010	02:12:10;	Bright;	;	46.5;	111;	8Eta Boo	;	2.68;	6000;occ;	93;	0;	46109
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6; 2270.1; 25-DEC-2010 14:52:38; Bright; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;46117
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23; 6586.9; 25-DEC-2010 16:04:35; Dark ; 43.5; 71; Iot Car ; 2.25; 7700;occ; 87; 0;46118
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 23; 6142.9; 25-DEC-2010 17:37:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46119
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26;	2572.1;	27-DEC-2010	07:03:17;	Bright;	39.5;	107;	37The Aur	; 2.65;	11000;occ;	79;	0;	46141
27;	2685.5;	27-DEC-2010	07:05:10;	Bright;	41.5;	6;	13Alp Aur	; 0.08;	3400;occ;	83;	0;	46141
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16;	4098.0;	27-DEC-2010	20:50:35;	Bright;	43.0;	39;	85Eta UMa	; 1.85;	24000;occ;	86;	0;	46149
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 19; 5327.2; 31-DEC-2010 18:44:10; Dark ; 45.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 90; 0;46205
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 21; 5904.5; 31-DEC-2010 18:53:47; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;46205
 22; 6112.9; 31-DEC-2010 18:57:15; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;46206
 23; 6221.9; 31-DEC-2010 18:59:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46206
 24; 6481.2; 31-DEC-2010 19:03:24; Dark ; 52.0; 113; Mu Vel ; 2.69; 5000;occ; 104; 0;46206
 25; 6636.0; 31-DEC-2010 19:05:58; Dark ; 46.5; 71; Iot Car ; 2.25; 7700;occ; 93; 0;46206
 26; 6749.9; 31-DEC-2010 19:07:52; Dark ; 47.0; 46; Del Vel ; 1.95; 10600;occ; 94; 0;46206
 27; 6920.5; 31-DEC-2010 19:10:43; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;46206
 28; 7051.4; 31-DEC-2010 19:12:54; Dark ; 22.5; 70; Zet Pup ; 2.25; 39000;occ; 45; 0;46206

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1;	1037.3;	31-DEC-2010	19:12:54;	Dark	;	49.0;	70;	Zet Pup	;	2.25;	39000;occ;	98;	0;	46206
2;	1162.1;	31-DEC-2010	19:14:59;	Dark	;	47.0;	117;	Pi Pup	;	2.71;	3800;occ;	94;	0;	46206
3;	1329.8;	31-DEC-2010	19:17:46;	Dark	;	44.0;	23;	21Eps CMa	;	1.50;	26000;occ;	88;	0;	46206
4;	1422.0;	31-DEC-2010	19:19:18;	Dark	;	42.5;	179;	24Omi2CMa	;	3.03;	24000;occ;	85;	0;	46206
5;	1569.9;	31-DEC-2010	19:21:46;	Dark	;	48.0;	1;	9Alp CMa	;	-1.44;	11000;occ;	96;	0;	46206
6;	1719.2;	31-DEC-2010	19:24:16;	Dark	;	42.0;	56;	53Kap Ori	;	2.07;	30000;occ;	84;	0;	46206
7;	1869.3;	31-DEC-2010	19:26:46;	Dark	;	44.5;	30;	46Eps Ori	;	1.69;	30000;occ;	89;	0;	46206
8;	2020.2;	31-DEC-2010	19:29:17;	Dark	;	55.0;	14;	58Alp Ori	;	0.87;	3000;occ;	110;	0;	46206
9;	2215.8;	31-DEC-2010	19:32:32;	Dark	;	57.0;	44;	24Gam Gem	;	1.93;	11000;occ;	114;	0;	46206
10;	2313.6;	31-DEC-2010	19:34:10;	Bright;	;	47.5;	151;	13Mu Gem	;	2.89;	3000;occ;	95;	0;	46206
11;	2552.7;	31-DEC-2010	19:38:09;	Bright;	;	39.0;	107;	37The Aur	;	2.65;	11000;occ;	78;	0;	46206
12;	2677.7;	31-DEC-2010	19:40:14;	Bright;	;	41.0;	6;	13Alp Aur	;	0.08;	3400;occ;	82;	0;	46206
13;	3672.2;	31-DEC-2010	19:56:49;	Bright;	;	35.0;	60;	7Bet UMi	;	2.08;	3950;occ;	70;	0;	46206
14;	3891.1;	31-DEC-2010	20:00:28;	Bright;	;	49.5;	32;	77Eps UMa	;	1.76;	11000;occ;	99;	0;	46206
15;	4087.7;	31-DEC-2010	20:03:44;	Bright;	;	66.0;	39;	85Eta UMa	;	1.85;	24000;occ;	132;	0;	46206
16;	4330.9;	31-DEC-2010	20:07:47;	Bright;	;	62.0;	180;	27Gam Boo	;	3.04;	8000;occ;	124;	0;	46206
17;	4551.4;	31-DEC-2010	20:11:28;	Bright;	;	62.0;	83;		;	2.38;	11000;occ;	124;	0;	46206
18;	4746.2;	31-DEC-2010	20:14:43;	Bright;	;	53.5;	3;	16Alp Boo	;	-0.05;	4250;occ;	107;	0;	46206
19;	5169.6;	31-DEC-2010	20:21:46;	Bright;	;	56.0;	104;	27Bet Lib	;	2.61;	13100;occ;	112;	0;	46206
20;	5327.7;	31-DEC-2010	20:24:24;	Dark	;	45.5;	122;	9Alp2Lib	;	2.75;	9700;occ;	91;	0;	46206
21;	5739.5;	31-DEC-2010	20:31:16;	Dark	;	48.5;	54;	5The Cen	;	2.06;	4500;occ;	97;	0;	46206
22;	5904.9;	31-DEC-2010	20:34:01;	Dark	;	42.0;	95;	Zet Cen	;	2.55;	26000;occ;	84;	0;	46206
23;	6113.8;	31-DEC-2010	20:37:30;	Dark	;	44.5;	64;	Gam Cen	;	2.20;	10600;occ;	89;	0;	46207
24;	6222.7;	31-DEC-2010	20:39:19;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	46207
25;	6482.0;	31-DEC-2010	20:43:38;	Dark	;	46.5;	113;	Mu Vel	;	2.69;	5000;occ;	93;	0;	46207
26;	6636.4;	31-DEC-2010	20:46:13;	Dark	;	45.0;	71;	Iot Car	;	2.25;	7700;occ;	90;	0;	46207
27;	6750.2;	31-DEC-2010	20:48:07;	Dark	;	42.5;	46;	Del Vel	;	1.95;	10600;occ;	85;	0;	46207
28;	6921.0;	31-DEC-2010	20:50:57;	Dark	;	48.0;	34;	Gam2Vel	;	1.79;	23000;occ;	96;	0;	46207
29;	7051.8;	31-DEC-2010	20:53:08;	Dark	;	23.5;	70;	Zet Pup	;	2.25;	39000;occ;	47;	0;	46207