

GOMOS Daily Report 28-FEB-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	03MAR2011 07:05:46
Data source version	GOMOS/5.01
Start time of products	28FEB2011 00:06:03
Stop time of products	28FEB2011 23:56:39
Store outputs in DB	Yes
Nb of level 1b prods	290
Nb of prods with errors	0

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

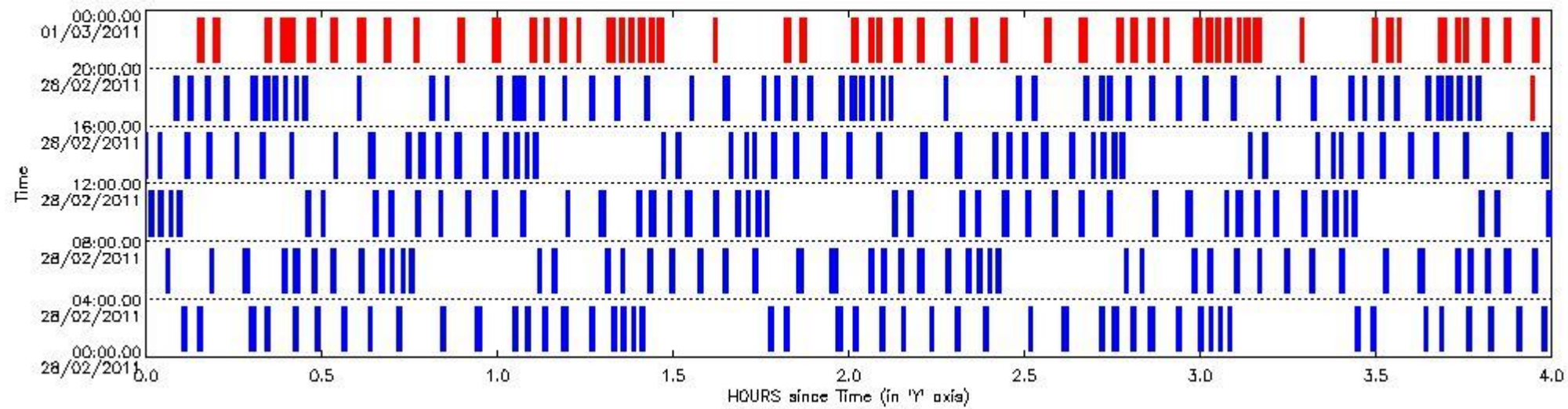
2.1 Level 0 products arrived in PCF (see template [here](#))

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
28-FEB-2011 19:56:33	2EpsCrv	171	47054
28-FEB-2011 20:08:48	32AlpLeo	22	47054
28-FEB-2011 20:11:24	41Gam1Leo	51	47054
28-FEB-2011 20:20:18	52PsiUMa	174	47054
28-FEB-2011 20:23:02	48BetUMa	82	47054
28-FEB-2011 20:24:22	50AlpUMa	36	47054
28-FEB-2011 20:27:34	77EpsUMa	32	47054
28-FEB-2011 20:31:30	7BetUMi	60	47054
28-FEB-2011 20:36:11	14EtaDra	119	47054
28-FEB-2011 20:40:33	23BetDra	130	47054
28-FEB-2011 20:45:37	3AlpLyr	5	47054
28-FEB-2011 20:53:12	17ZetAql	168	47054
28-FEB-2011 20:59:02	60BetOph	126	47054
28-FEB-2011 21:05:31	22LamSgr	137	47054
28-FEB-2011 21:07:52	20EpsSgr	38	47054

28-FEB-2011 21:10:42	35LamSco	25	47054
28-FEB-2011 21:13:28	21AlpSco	16	47054
28-FEB-2011 21:18:42	GamLup	131	47055
28-FEB-2011 21:20:42	DSA1027	0	47055
28-FEB-2011 21:22:17	BetCen	10	47055
28-FEB-2011 21:24:04	EpsCen	77	47055
28-FEB-2011 21:25:57	5TheCen	54	47055
28-FEB-2011 21:27:17	GamCen	64	47055
28-FEB-2011 21:36:47	2EpsCrv	171	47055
28-FEB-2011 21:49:01	32AlpLeo	22	47055
28-FEB-2011 21:51:38	41Gam1Leo	51	47055
28-FEB-2011 22:00:31	52PsiUMa	174	47055
28-FEB-2011 22:03:16	48BetUMa	82	47055
28-FEB-2011 22:04:35	50AlpUMa	36	47055
28-FEB-2011 22:07:47	77EpsUMa	32	47055
28-FEB-2011 22:11:44	7BetUMi	60	47055
28-FEB-2011 22:16:24	14EtaDra	119	47055
28-FEB-2011 22:20:47	23BetDra	130	47055
28-FEB-2011 22:25:51	3AlpLyr	5	47055
28-FEB-2011 22:33:26	17ZetAql	168	47055
28-FEB-2011 22:39:17	60BetOph	126	47055
28-FEB-2011 22:45:46	22LamSgr	137	47055
28-FEB-2011 22:48:07	20EpsSgr	38	47055
28-FEB-2011 22:50:57	35LamSco	25	47055
28-FEB-2011 22:53:43	21AlpSco	16	47055
28-FEB-2011 22:58:57	GamLup	131	47056
28-FEB-2011 23:00:57	DSA1027	0	47056
28-FEB-2011 23:02:32	BetCen	10	47056
28-FEB-2011 23:04:19	EpsCen	77	47056
28-FEB-2011 23:06:13	5TheCen	54	47056
28-FEB-2011 23:07:31	GamCen	64	47056
28-FEB-2011 23:08:59	lotCen	123	47056
28-FEB-2011 23:17:02	2EpsCrv	171	47056
28-FEB-2011 23:29:15	32AlpLeo	22	47056
28-FEB-2011 23:31:52	41Gam1Leo	51	47056
28-FEB-2011 23:33:41	68DelLeo	96	47056
28-FEB-2011 23:40:44	52PsiUMa	174	47056
28-FEB-2011 23:43:29	48BetUMa	82	47056
28-FEB-2011 23:44:49	50AlpUMa	36	47056
28-FEB-2011 23:48:00	77EpsUMa	32	47056
28-FEB-2011 23:51:58	7BetUMi	60	47056
28-FEB-2011 23:56:38	14EtaDra	119	47056

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_1PNPDE20110228_000603_000000453100_00045_47042_4399.N1	28-FEB-2011 00:06:03	Bright	44.500	22	32Alp Leo	1.3600	15200.	89	47042	No
2	GOM_TRA_1PNPDE20110228_000841_000000443100_00045_47042_4400.N1	28-FEB-2011 00:08:41	Bright	44.000	51	41Gam1Leo	2.0100	4500.0	88	47042	No
3	GOM_TRA_1PNPDE20110228_001739_000000623100_00045_47042_4401.N1	28-FEB-2011 00:17:39	Bright	61.500	174	52Psi UMa	3.0040	4400.0	123	47042	No
4	GOM_TRA_1PNPDE20110228_002021_000000423100_00045_47042_4402.N1	28-FEB-2011 00:20:21	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	47042	No
5	GOM_TRA_1PNPDE20110228_002458_000000503100_00045_47042_4403.N1	28-FEB-2011 00:24:58	Bright	50.000	32	77Eps UMa	1.7630	11000.	100	47042	No
6	GOM_TRA_1PNPDE20110228_002848_000000433100_00045_47042_4404.N1	28-FEB-2011 00:28:48	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	47042	No
7	GOM_TRA_1PNPDE20110228_003329_000000433100_00045_47042_4405.N1	28-FEB-2011 00:33:29	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	47042	No
8	GOM_TRA_1PNPDE20110228_003749_000000463100_00045_47042_4406.N1	28-FEB-2011 00:37:49	Bright	46.000	130	23Bet Dra	2.7990	5800.0	92	47042	No
9	GOM_TRA_1PNPDE20110228_004250_000000423100_00045_47042_4407.N1	28-FEB-2011 00:42:50	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	47042	No
10	GOM_TRA_1PNPDE20110228_005021_000000393100_00045_47042_4408.N1	28-FEB-2011 00:50:21	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	47042	No
11	GOM_TRA_1PNPDE20110228_005604_000000633100_00045_47042_4409.N1	28-FEB-2011 00:56:04	Straylight	63.000	126	60Bet Oph	2.7700	4250.0	126	47042	No
12	GOM_TRA_1PNPDE20110228_010237_000000443100_00045_47042_4420.N1	28-FEB-2011 01:02:37	Dark	44.000	137	22Lam Sgr	2.8240	4400.0	88	47042	No

13	GOM_TRA_1PNPDE20110228_010440_000000583100_00045_47042_4421.N1	28-FEB-2011 01:04:40	Dark	58.000	86	35Eta Oph	2.4300	10200.	116	47042	No
14	GOM_TRA_1PNPDE20110228_010745_000000463100_00045_47042_4422.N1	28-FEB-2011 01:07:45	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	47042	No
15	GOM_TRA_1PNPDE20110228_011541_000000523100_00046_47043_4423.N1	28-FEB-2011 01:15:41	Dark	51.500	131	Gam Lup	2.8000	26000.	103	47043	No
16	GOM_TRA_1PNPDE20110228_011923_000000513100_00046_47043_4424.N1	28-FEB-2011 01:19:23	Dark	51.000	10	Bet Cen	0.61000	28000.	102	47043	No
17	GOM_TRA_1PNPDE20110228_012109_000000453100_00046_47043_4425.N1	28-FEB-2011 01:21:09	Dark	45.000	77	Eps Cen	2.3030	28000.	90	47043	No
18	GOM_TRA_1PNPDE20110228_012256_000000363100_00046_47043_4426.N1	28-FEB-2011 01:22:56	Dark	36.000	54	5The Cen	2.0550	4500.0	72	47043	No
19	GOM_TRA_1PNPDE20110228_012422_000000493100_00046_47043_4427.N1	28-FEB-2011 01:24:22	Dark	48.500	64	Gam Cen	2.2000	10600.	97	47043	No
20	GOM_TRA_1PNPDE20110228_014617_000000403100_00046_47043_4428.N1	28-FEB-2011 01:46:17	Bright	39.500	22	32Alp Leo	1.3600	15200.	79	47043	No
21	GOM_TRA_1PNPDE20110228_014855_000000453100_00046_47043_4429.N1	28-FEB-2011 01:48:55	Bright	44.500	51	41Gam1Leo	2.0100	4500.0	89	47043	No
22	GOM_TRA_1PNPDE20110228_015752_000000623100_00046_47043_4430.N1	28-FEB-2011 01:57:52	Bright	62.000	174	52Psi UMa	3.0040	4400.0	124	47043	No
23	GOM_TRA_1PNPDE20110228_020035_000000613100_00046_47043_4431.N1	28-FEB-2011 02:00:35	Bright	61.000	82	48Bet UMa	2.3650	10600.	122	47043	No
24	GOM_TRA_1PNPDE20110228_020511_000000503100_00046_47043_4432.N1	28-FEB-2011 02:05:11	Bright	50.000	32	77Eps UMa	1.7630	11000.	100	47043	No
25	GOM_TRA_1PNPDE20110228_020901_000000373100_00046_47043_4433.N1	28-FEB-2011 02:09:01	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	47043	No
26	GOM_TRA_1PNPDE20110228_021342_000000463100_00046_47043_4434.N1	28-FEB-2011 02:13:42	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	47043	No
27	GOM_TRA_1PNPDE20110228_021803_000000473100_00046_47043_4435.N1	28-FEB-2011 02:18:03	Bright	47.000	130	23Bet Dra	2.7990	5800.0	94	47043	No
28	GOM_TRA_1PNPDE20110228_022303_000000413100_00046_47043_4436.N1	28-FEB-2011 02:23:03	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	47043	No
29	GOM_TRA_1PNPDE20110228_023035_000000403100_00046_47043_4437.N1	28-FEB-2011 02:30:35	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	47043	No
30	GOM_TRA_1PNPDE20110228_023619_000000623100_00046_47043_4438.N1	28-FEB-2011 02:36:19	Straylight	61.500	126	60Bet Oph	2.7700	4250.0	123	47043	No
31	GOM_TRA_1PNPDE20110228_024251_000000463100_00046_47043_4439.N1	28-FEB-2011 02:42:51	Dark	46.000	137	22Lam Sgr	2.8240	4400.0	92	47043	No
32	GOM_TRA_1PNPDE20110228_024455_000000603100_00046_47043_4440.N1	28-FEB-2011 02:44:55	Dark	60.000	86	35Eta Oph	2.4300	10200.	120	47043	No
33	GOM_TRA_1PNPDE20110228_024800_000000533100_00046_47043_4441.N1	28-FEB-2011 02:48:00	Dark	53.000	25	35Lam Sco	1.6200	28000.	106	47043	No
34	GOM_TRA_1PNPDE20110228_025556_000000523100_00047_47044_4442.N1	28-FEB-2011 02:55:56	Dark	51.500	131	Gam Lup	2.8000	26000.	103	47044	No
35	GOM_TRA_1PNPDE20110228_025938_000000503100_00047_47044_4443.N1	28-FEB-2011 02:59:38	Dark	50.000	10	Bet Cen	0.61000	28000.	100	47044	No
36	GOM_TRA_1PNPDE20110228_030123_000000433100_00047_47044_4444.N1	28-FEB-2011 03:01:23	Dark	43.000	77	Eps Cen	2.3030	28000.	86	47044	No
37	GOM_TRA_1PNPDE20110228_030312_000000363100_00047_47044_4445.N1	28-FEB-2011 03:03:12	Dark	36.000	54	5The Cen	2.0550	4500.0	72	47044	No
38	GOM_TRA_1PNPDE20110228_030437_000000473100_00047_47044_4446.N1	28-FEB-2011 03:04:37	Dark	47.000	64	Gam Cen	2.2000	10600.	94	47044	No
39	GOM_TRA_1PNPDE20110228_032630_000000403100_00047_47044_4447.N1	28-FEB-2011 03:26:30	Bright	39.500	22	32Alp Leo	1.3600	15200.	79	47044	No
40	GOM_TRA_1PNPDE20110228_032909_000000543100_00047_47044_4448.N1	28-FEB-2011 03:29:09	Bright	53.500	51	41Gam1Leo	2.0100	4500.0	107	47044	No
41	GOM_TRA_1PNPDE20110228_033805_000000443100_00047_47044_4449.N1	28-FEB-2011 03:38:05	Bright	44.000	174	52Psi UMa	3.0040	4400.0	88	47044	No
42	GOM_TRA_1PNPDE20110228_034048_000000423100_00047_47044_4450.N1	28-FEB-2011 03:40:48	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	47044	No
43	GOM_TRA_1PNPDE20110228_034524_000000513100_00047_47044_4451.N1	28-FEB-2011 03:45:24	Bright	50.500	32	77Eps UMa	1.7630	11000.	101	47044	No
44	GOM_TRA_1PNPDE20110228_034915_000000413100_00047_47044_4454.N1	28-FEB-2011 03:49:15	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	47044	No
45	GOM_TRA_1PNPDE20110228_035356_000000473100_00047_47044_4455.N1	28-FEB-2011 03:53:56	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	47044	No
46	GOM_TRA_1PNPDE20110228_035817_000000453100_00047_47044_4456.N1	28-FEB-2011 03:58:17	Bright	44.500	130	23Bet Dra	2.7990	5800.0	89	47044	No
47	GOM_TRA_1PNPDE20110228_040317_000000433100_00047_47044_4457.N1	28-FEB-2011 04:03:17	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	47044	No
48	GOM_TRA_1PNPDE20110228_041050_000000393100_00047_47044_4458.N1	28-FEB-2011 04:10:50	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	47044	No
49	GOM_TRA_1PNPDE20110228_041634_000000633100_00047_47044_4459.N1	28-FEB-2011 04:16:34	Straylight	62.500	126	60Bet Oph	2.7700	4250.0	125	47044	No
50	GOM_TRA_1PNPDE20110228_042306_000000473100_00047_47044_4460.N1	28-FEB-2011 04:23:06	Dark	46.500	137	22Lam Sgr	2.8240	4400.0	93	47044	No
51	GOM_TRA_1PNPDE20110228_042510_000000593100_00047_47044_4461.N1	28-FEB-2011 04:25:10	Dark	59.000	86	35Eta Oph	2.4300	10200.	118	47044	No
52	GOM_TRA_1PNPDE20110228_042815_000000453100_00047_47044_4462.N1	28-FEB-2011 04:28:15	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	47044	No
53	GOM_TRA_1PNPDE20110228_043612_000000513100_00048_47045_4463.N1	28-FEB-2011 04:36:12	Dark	50.500	131	Gam Lup	2.8000	26000.	101	47045	No
54	GOM_TRA_1PNPDE20110228_043952_000000463100_00048_47045_4464.N1	28-FEB-2011 04:39:52	Dark	45.500	10	Bet Cen	0.61000	28000.	91	47045	No
55	GOM_TRA_1PNPDE20110228_044138_000000433100_00048_47045_4465.N1	28-FEB-2011 04:41:38	Dark	43.000	77	Eps Cen	2.3030	28000.	86	47045	No
56	GOM_TRA_1PNPDE20110228_044327_000000363100_00048_47045_4466.N1	28-FEB-2011 04:43:27	Dark	36.000	54	5The Cen	2.0550	4500.0	72	47045	No
57	GOM_TRA_1PNPDE20110228_044452_000000463100_00048_47045_4467.N1	28-FEB-2011 04:44:52	Dark	45.500	64	Gam Cen	2.2000	10600.	91	47045	No
58	GOM_TRA_1PNPDE20110228_050644_000000393100_00048_47045_4468.N1	28-FEB-2011 05:06:44	Bright	38.500	22	32Alp Leo	1.3600	15200.	77	47045	No
59	GOM_TRA_1PNPDE20110228_050922_000000443100_00048_47045_4469.N1	28-FEB-2011 05:09:22	Bright	44.000	51	41Gam1Leo	2.0100	4500.0	88	47045	No
60	GOM_TRA_1PNPDE20110228_051819_000000453100_00048_47045_4470.N1	28-FEB-2011 05:18:19	Bright	45.000	174	52Psi UMa	3.0040	4400.0	90	47045	No
61	GOM_TRA_1PNPDE20110228_052102_000000403100_00048_47045_4471.N1	28-FEB-2011 05:21:02	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	47045	No
62	GOM_TRA_1PNPDE20110228_052537_000000523100_00048_47045_4472.N1	28-FEB-2011 05:25:37	Bright	51.500	32	77Eps UMa	1.7630	11000.	103	47045	No
63	GOM_TRA_1PNPDE20110228_052929_000000403100_00048_47045_4473.N1	28-FEB-2011 05:29:29	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	47045	No
64	GOM_TRA_1PNPDE20110228_053410_000000443100_00048_47045_4467.N1	28-FEB-2011 05:34:10	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	47045	No
65	GOM_TRA_1PNPDE20110228_053831_000000473100_00048_47045_4468.N1	28-FEB-2011 05:38:31	Bright	46.500	130	23Bet Dra	2.7990	5800.0	93	47045	No
66	GOM_TRA_1PNPDE20110228_054332_000000463100_00048_47045_4469.N1	28-FEB-2011 05:43:32	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	47045	No
67	GOM_TRA_1PNPDE20110228_055104_000000583100_00048_47045_4470.N1	28-FEB-2011 05:51:04	Bright	58.000	168	17Zet Aql	2.9860	11000.	116	47045	No
68	GOM_TRA_1PNPDE20110228_055649_000000653100_00048_47045_4471.N1	28-FEB-2011 05:56:49	Straylight	65.000	126	60Bet Oph	2.7700	4250.0	130	47045	No
69	GOM_TRA_1PNPDE20110228_060320_000000463100_00048_47045_4472.N1	28-FEB-2011 06:03:20	Dark	45.500	137	22Lam Sgr	2.8240	4400.0	91	47045	No
70	GOM_TRA_1PNPDE20110228_060525_000000603100_00048_47045_4473.N1	28-FEB-2011 06:05:25	Dark	59.500	86	35Eta Oph	2.4300	10200.	119	47045	No
71	GOM_TRA_1PNPDE20110228_060830_000000463100_00048_47045_4474.N1	28-FEB-2011 06:08:30	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	47045	No

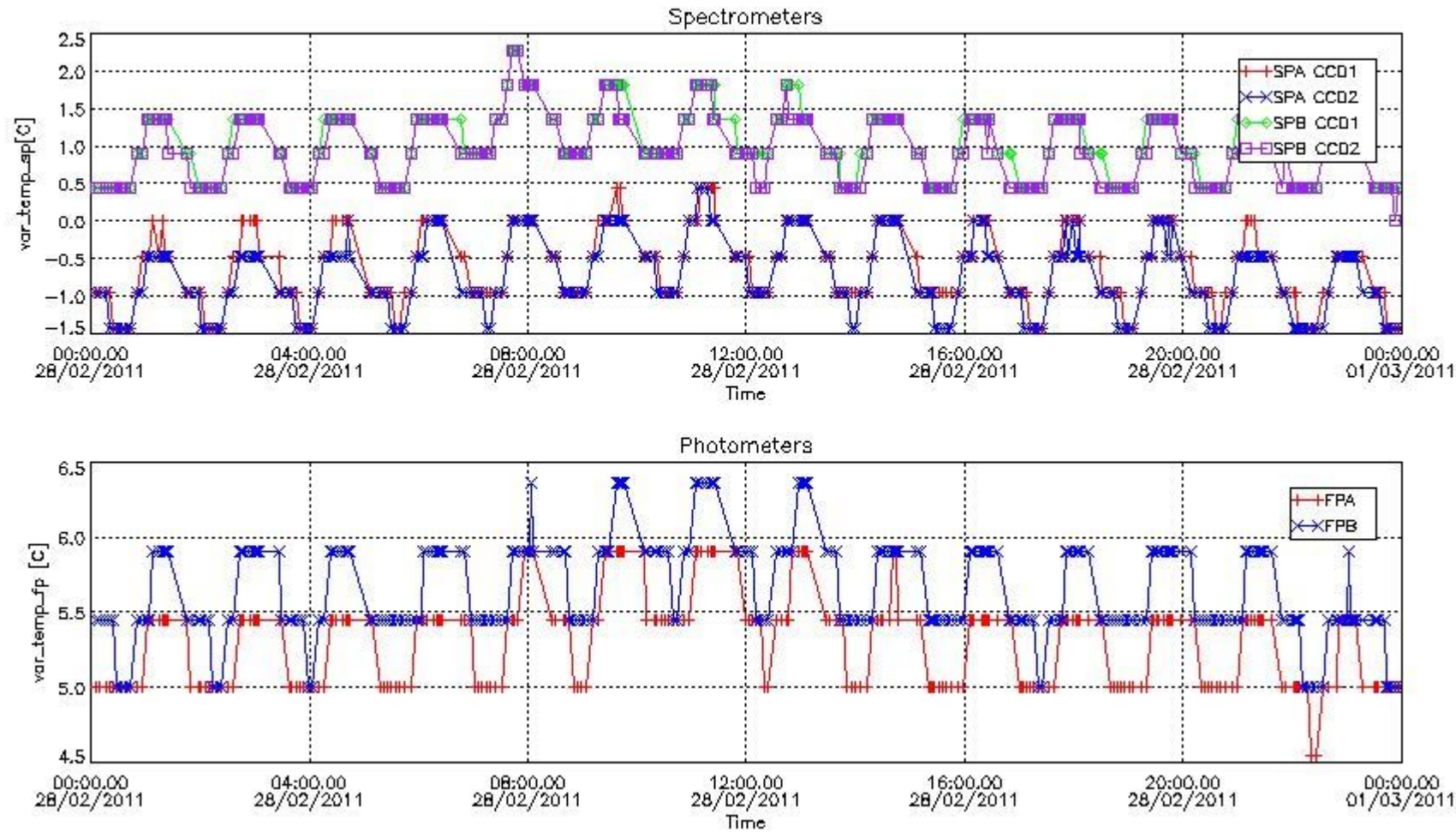
72	GOM_TRA_1PNPDE20110228_061627_000000513100_00049_47046_4475.N1	28-FEB-2011 06:16:27	Dark	50.500	131	Gam Lup	2.8000	26000.	101	47046	No
73	GOM_TRA_1PNPDE20110228_062007_000000493100_00049_47046_4476.N1	28-FEB-2011 06:20:07	Dark	49.000	10	Bet Cen	0.61000	28000.	98	47046	No
74	GOM_TRA_1PNPDE20110228_062153_000000453100_00049_47046_4477.N1	28-FEB-2011 06:21:53	Dark	45.000	77	Eps Cen	2.3030	28000.	90	47046	No
75	GOM_TRA_1PNPDE20110228_062342_000000373100_00049_47046_4478.N1	28-FEB-2011 06:23:42	Dark	37.000	54	5The Cen	2.0550	4500.0	74	47046	No
76	GOM_TRA_1PNPDE20110228_062506_000000463100_00049_47046_4479.N1	28-FEB-2011 06:25:06	Dark	45.500	64	Gam Cen	2.2000	10600.	91	47046	No
77	GOM_TRA_1PNPDE20110228_064658_000000433100_00049_47046_4480.N1	28-FEB-2011 06:46:58	Bright	42.500	22	32Alp Leo	1.3600	15200.	85	47046	No
78	GOM_TRA_1PNPDE20110228_064936_000000433100_00049_47046_4481.N1	28-FEB-2011 06:49:36	Bright	42.500	51	41Gam1Leo	2.0100	4500.0	85	47046	No
79	GOM_TRA_1PNPDE20110228_065832_000000473100_00049_47046_4482.N1	28-FEB-2011 06:58:32	Bright	47.000	174	52Psi UMa	3.0040	4400.0	94	47046	No
80	GOM_TRA_1PNPDE20110228_070115_000000413100_00049_47046_4483.N1	28-FEB-2011 07:01:15	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	47046	No
81	GOM_TRA_1PNPDE20110228_070550_000000513100_00049_47046_4484.N1	28-FEB-2011 07:05:50	Bright	50.500	32	77Eps UMa	1.7630	11000.	101	47046	No
82	GOM_TRA_1PNPDE20110228_070942_000000423100_00049_47046_4485.N1	28-FEB-2011 07:09:42	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	47046	No
83	GOM_TRA_1PNPDK20110228_071423_000000463100_00049_47046_3310.N1	28-FEB-2011 07:14:23	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	47046	No
84	GOM_TRA_1PNPDK20110228_071844_000000463100_00049_47046_3311.N1	28-FEB-2011 07:18:44	Bright	45.500	130	23Bet Dra	2.7990	5800.0	91	47046	No
85	GOM_TRA_1PNPDK20110228_072346_000000413100_00049_47046_3312.N1	28-FEB-2011 07:23:46	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	47046	No
86	GOM_TRA_1PNPDK20110228_073119_000000393100_00049_47046_3313.N1	28-FEB-2011 07:31:19	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	47046	No
87	GOM_TRA_1PNPDK20110228_073704_000000683100_00049_47046_3314.N1	28-FEB-2011 07:37:04	Straylight	68.000	126	60Bet Oph	2.7700	4250.0	136	47046	No
88	GOM_TRA_1PNPDK20110228_074335_000000473100_00049_47046_3315.N1	28-FEB-2011 07:43:35	Dark	47.000	137	22Lam Sgr	2.8240	4400.0	94	47046	No
89	GOM_TRA_1PNPDK20110228_074541_000000583100_00049_47046_3316.N1	28-FEB-2011 07:45:41	Dark	58.000	86	35Eta Oph	2.4300	10200.	116	47046	No
90	GOM_TRA_1PNPDK20110228_074845_000000483100_00049_47046_3317.N1	28-FEB-2011 07:48:45	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	47046	No
91	GOM_TRA_1PNPDK20110228_075642_000000523100_00050_47047_3318.N1	28-FEB-2011 07:56:42	Dark	51.500	131	Gam Lup	2.8000	26000.	103	47047	No
92	GOM_TRA_1PNPDK20110228_080022_000000483100_00050_47047_3319.N1	28-FEB-2011 08:00:22	Dark	47.500	10	Bet Cen	0.61000	28000.	95	47047	No
93	GOM_TRA_1PNPDK20110228_080208_000000443100_00050_47047_3320.N1	28-FEB-2011 08:02:08	Dark	43.500	77	Eps Cen	2.3030	28000.	87	47047	No
94	GOM_TRA_1PNPDK20110228_080357_000000373100_00050_47047_3321.N1	28-FEB-2011 08:03:57	Dark	37.000	54	5The Cen	2.0550	4500.0	74	47047	No
95	GOM_TRA_1PNPDK20110228_080521_000000433100_00050_47047_3322.N1	28-FEB-2011 08:05:21	Dark	43.000	64	Gam Cen	2.2000	10600.	86	47047	No
96	GOM_TRA_1PNPDK20110228_082712_000000423100_00050_47047_3363.N1	28-FEB-2011 08:27:12	Bright	42.000	22	32Alp Leo	1.3600	15200.	84	47047	No
97	GOM_TRA_1PNPDK20110228_082950_000000443100_00050_47047_3364.N1	28-FEB-2011 08:29:50	Bright	43.500	51	41Gam1Leo	2.0100	4500.0	87	47047	No
98	GOM_TRA_1PNPDK20110228_083846_000000453100_00050_47047_3365.N1	28-FEB-2011 08:38:46	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	47047	No
99	GOM_TRA_1PNPDK20110228_084129_000000413100_00050_47047_3366.N1	28-FEB-2011 08:41:29	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	47047	No
100	GOM_TRA_1PNPDK20110228_084603_000000513100_00050_47047_3367.N1	28-FEB-2011 08:46:03	Bright	50.500	32	77Eps UMa	1.7630	11000.	101	47047	No
101	GOM_TRA_1PNPDK20110228_084956_000000413100_00050_47047_3368.N1	28-FEB-2011 08:49:56	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	47047	No
102	GOM_TRA_1PNPDK20110228_085437_000000453100_00050_47047_3369.N1	28-FEB-2011 08:54:37	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47047	No
103	GOM_TRA_1PNPDK20110228_085858_000000533100_00050_47047_3370.N1	28-FEB-2011 08:58:58	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	47047	No
104	GOM_TRA_1PNPDK20110228_090400_000000403100_00050_47047_3371.N1	28-FEB-2011 09:04:00	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	47047	No
105	GOM_TRA_1PNPDK20110228_091133_000000393100_00050_47047_3372.N1	28-FEB-2011 09:11:33	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	47047	No
106	GOM_TRA_1PNPDK20110228_091719_000000633100_00050_47047_3373.N1	28-FEB-2011 09:17:19	Straylight	63.000	126	60Bet Oph	2.7700	4250.0	126	47047	No
107	GOM_TRA_1PNPDK20110228_092350_000000483100_00050_47047_3374.N1	28-FEB-2011 09:23:50	Dark	47.500	137	22Lam Sgr	2.8240	4400.0	95	47047	No
108	GOM_TRA_1PNPDK20110228_092556_000000623100_00050_47047_3375.N1	28-FEB-2011 09:25:56	Dark	62.000	86	35Eta Oph	2.4300	10200.	124	47047	No
109	GOM_TRA_1PNPDK20110228_092900_000000463100_00050_47047_3376.N1	28-FEB-2011 09:29:00	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	47047	No
110	GOM_TRA_1PNPDK20110228_093657_000000513100_00051_47048_3377.N1	28-FEB-2011 09:36:57	Dark	51.000	131	Gam Lup	2.8000	26000.	102	47048	No
111	GOM_TRA_1PNPDK20110228_094036_000000443100_00051_47048_3378.N1	28-FEB-2011 09:40:36	Dark	43.500	10	Bet Cen	0.61000	28000.	87	47048	No
112	GOM_TRA_1PNPDK20110228_094222_000000433100_00051_47048_3379.N1	28-FEB-2011 09:42:22	Dark	43.000	77	Eps Cen	2.3030	28000.	86	47048	No
113	GOM_TRA_1PNPDK20110228_094412_000000383100_00051_47048_3380.N1	28-FEB-2011 09:44:12	Dark	38.000	54	5The Cen	2.0550	4500.0	76	47048	No
114	GOM_TRA_1PNPDK20110228_094536_000000453100_00051_47048_3381.N1	28-FEB-2011 09:45:36	Dark	45.000	64	Gam Cen	2.2000	10600.	90	47048	No
115	GOM_TRA_1PNPDK20110228_100726_000000433100_00051_47048_3409.N1	28-FEB-2011 10:07:26	Bright	42.500	22	32Alp Leo	1.3600	15200.	85	47048	No
116	GOM_TRA_1PNPDK20110228_101004_000000443100_00051_47048_3410.N1	28-FEB-2011 10:10:04	Bright	43.500	51	41Gam1Leo	2.0100	4500.0	87	47048	No
117	GOM_TRA_1PNPDK20110228_101859_000000463100_00051_47048_3411.N1	28-FEB-2011 10:18:59	Bright	45.500	174	52Psi UMa	3.0040	4400.0	91	47048	No
118	GOM_TRA_1PNPDK20110228_102142_000000423100_00051_47048_3412.N1	28-FEB-2011 10:21:42	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	47048	No
119	GOM_TRA_1PNPDK20110228_102617_000000513100_00051_47048_3413.N1	28-FEB-2011 10:26:17	Bright	50.500	32	77Eps UMa	1.7630	11000.	101	47048	No
120	GOM_TRA_1PNPDK20110228_103010_000000433100_00051_47048_3414.N1	28-FEB-2011 10:30:10	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	47048	No
121	GOM_TRA_1PNPDK20110228_103450_000000483100_00051_47048_3415.N1	28-FEB-2011 10:34:50	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	47048	No
122	GOM_TRA_1PNPDK20110228_103912_000000473100_00051_47048_3416.N1	28-FEB-2011 10:39:12	Bright	47.000	130	23Bet Dra	2.7990	5800.0	94	47048	No
123	GOM_TRA_1PNPDK20110228_104414_000000453100_00051_47048_3417.N1	28-FEB-2011 10:44:14	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	47048	No
124	GOM_TRA_1PNPDK20110228_105147_000000583100_00051_47048_3418.N1	28-FEB-2011 10:51:47	Bright	58.000	168	17Zet Aql	2.9860	11000.	116	47048	No
125	GOM_TRA_1PNPDK20110228_105734_000000593100_00051_47048_3419.N1	28-FEB-2011 10:57:34	Straylight	58.500	126	60Bet Oph	2.7700	4250.0	117	47048	No
126	GOM_TRA_1PNPDK20110228_110404_000000473100_00051_47048_3420.N1	28-FEB-2011 11:04:04	Dark	46.500	137	22Lam Sgr	2.8240	4400.0	93	47048	No
127	GOM_TRA_1PNPDK20110228_110612_000000643100_00051_47048_3421.N1	28-FEB-2011 11:06:12	Dark	63.500	86	35Eta Oph	2.4300	10200.	127	47048	No
128	GOM_TRA_1PNPDK20110228_110915_000000483100_00051_47048_3422.N1	28-FEB-2011 11:09:15	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	47048	No
129	GOM_TRA_1PNPDK20110228_111712_000000513100_00052_47049_3423.N1	28-FEB-2011 11:17:12	Dark	51.000	131	Gam Lup	2.8000	26000.	102	47049	No
130	GOM_TRA_1PNPDK20110228_112051_000000443100_00052_47049_3424.N1	28-FEB-2011 11:20:51	Dark	44.000	10	Bet Cen	0.61000	28000.	88	47049	No

131	GOM_TRA_1PNPDK20110228_112237_000000453100_00052_47049_3425.N1	28-FEB-2011 11:22:37	Dark	44.500	77	Eps Cen	2.3030	28000.	89	47049	No
132	GOM_TRA_1PNPDK20110228_112427_000000383100_00052_47049_3426.N1	28-FEB-2011 11:24:27	Dark	38.000	54	5The Cen	2.0550	4500.0	76	47049	No
133	GOM_TRA_1PNPDK20110228_112550_000000463100_00052_47049_3427.N1	28-FEB-2011 11:25:50	Dark	46.000	64	Gam Cen	2.2000	10600.	92	47049	No
134	GOM_TRA_1PNPDK20110228_114740_000000413100_00052_47049_3471.N1	28-FEB-2011 11:47:40	Bright	41.000	22	32Alp Leo	1.3600	15200.	82	47049	No
135	GOM_TRA_1PNPDK20110228_115017_000000463100_00052_47049_3472.N1	28-FEB-2011 11:50:17	Bright	45.500	51	41Gam1Leo	2.0100	4500.0	91	47049	No
136	GOM_TRA_1PNPDK20110228_115912_000000533100_00052_47049_3473.N1	28-FEB-2011 11:59:12	Bright	52.500	174	52Psi UMa	3.0040	4400.0	105	47049	No
137	GOM_TRA_1PNPDK20110228_120156_000000423100_00052_47049_3474.N1	28-FEB-2011 12:01:56	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	47049	No
138	GOM_TRA_1PNPDK20110228_120630_000000513100_00052_47049_3475.N1	28-FEB-2011 12:06:30	Bright	50.500	32	77Eps UMa	1.7630	11000.	101	47049	No
139	GOM_TRA_1PNPDK20110228_121023_000000393100_00052_47049_3476.N1	28-FEB-2011 12:10:23	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	47049	No
140	GOM_TRA_1PNPDK20110228_121504_000000443100_00052_47049_3477.N1	28-FEB-2011 12:15:04	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	47049	No
141	GOM_TRA_1PNPDK20110228_121926_000000463100_00052_47049_3478.N1	28-FEB-2011 12:19:26	Bright	46.000	130	23Bet Dra	2.7990	5800.0	92	47049	No
142	GOM_TRA_1PNPDK20110228_122428_000000453100_00052_47049_3479.N1	28-FEB-2011 12:24:28	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	47049	No
143	GOM_TRA_1PNPDK20110228_123202_000000393100_00052_47049_3480.N1	28-FEB-2011 12:32:02	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	47049	No
144	GOM_TRA_1PNPDK20110228_123749_000000643100_00052_47049_3481.N1	28-FEB-2011 12:37:49	Straylight	64.000	126	60Bet Oph	2.7700	4250.0	128	47049	No
145	GOM_TRA_1PNPDK20110228_124419_000000503100_00052_47049_3482.N1	28-FEB-2011 12:44:19	Dark	49.500	137	22Lam Sgr	2.8240	4400.0	99	47049	No
146	GOM_TRA_1PNPDK20110228_124627_000000613100_00052_47049_3483.N1	28-FEB-2011 12:46:27	Dark	60.500	86	35Eta Oph	2.4300	10200.	121	47049	No
147	GOM_TRA_1PNPDK20110228_124929_000000453100_00052_47049_3484.N1	28-FEB-2011 12:49:29	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	47049	No
148	GOM_TRA_1PNPDK20110228_125727_000000513100_00053_47050_3485.N1	28-FEB-2011 12:57:27	Dark	51.000	131	Gam Lup	2.8000	26000.	102	47050	No
149	GOM_TRA_1PNPDK20110228_130105_000000443100_00053_47050_3486.N1	28-FEB-2011 13:01:05	Dark	43.500	10	Bet Cen	0.61000	28000.	87	47050	No
150	GOM_TRA_1PNPDK20110228_130252_000000453100_00053_47050_3487.N1	28-FEB-2011 13:02:52	Dark	44.500	77	Eps Cen	2.3030	28000.	89	47050	No
151	GOM_TRA_1PNPDK20110228_130443_000000383100_00053_47050_3488.N1	28-FEB-2011 13:04:43	Dark	38.000	54	5The Cen	2.0550	4500.0	76	47050	No
152	GOM_TRA_1PNPDK20110228_130605_000000463100_00053_47050_3489.N1	28-FEB-2011 13:06:05	Dark	45.500	64	Gam Cen	2.2000	10600.	91	47050	No
153	GOM_TRA_1PNPDK20110228_132754_000000443100_00053_47050_3628.N1	28-FEB-2011 13:27:54	Bright	43.500	22	32Alp Leo	1.3600	15200.	87	47050	No
154	GOM_TRA_1PNPDK20110228_133031_000000453100_00053_47050_3629.N1	28-FEB-2011 13:30:31	Bright	45.000	51	41Gam1Leo	2.0100	4500.0	90	47050	No
155	GOM_TRA_1PNPDK20110228_133926_000000453100_00053_47050_3630.N1	28-FEB-2011 13:39:26	Bright	45.000	174	52Psi UMa	3.0040	4400.0	90	47050	No
156	GOM_TRA_1PNPDK20110228_134209_000000423100_00053_47050_3631.N1	28-FEB-2011 13:42:09	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	47050	No
157	GOM_TRA_1PNPDK20110228_134329_000000423100_00053_47050_3632.N1	28-FEB-2011 13:43:29	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	47050	No
158	GOM_TRA_1PNPDK20110228_134643_000000493100_00053_47050_3633.N1	28-FEB-2011 13:46:43	Bright	48.500	32	77Eps UMa	1.7630	11000.	97	47050	No
159	GOM_TRA_1PNPDK20110228_135037_000000383100_00053_47050_3634.N1	28-FEB-2011 13:50:37	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	47050	No
160	GOM_TRA_1PNPDK20110228_135518_000000453100_00053_47050_3635.N1	28-FEB-2011 13:55:18	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	47050	No
161	GOM_TRA_1PNPDK20110228_135939_000000473100_00053_47050_3636.N1	28-FEB-2011 13:59:39	Bright	46.500	130	23Bet Dra	2.7990	5800.0	93	47050	No
162	GOM_TRA_1PNPDK20110228_140442_000000453100_00053_47050_3637.N1	28-FEB-2011 14:04:42	Bright	45.000	5	3Alp Lyr	0.033000	11000.	90	47050	No
163	GOM_TRA_1PNPDK20110228_141216_000000583100_00053_47050_3638.N1	28-FEB-2011 14:12:16	Bright	58.000	168	17Zet Aql	2.9860	11000.	116	47050	No
164	GOM_TRA_1PNPDK20110228_141803_000000653100_00053_47050_3639.N1	28-FEB-2011 14:18:03	Straylight	65.000	126	60Bet Oph	2.7700	4250.0	130	47050	No
165	GOM_TRA_1PNPDK20110228_142434_000000453100_00053_47050_3640.N1	28-FEB-2011 14:24:34	Dark	44.500	137	22Lam Sgr	2.8240	4400.0	89	47050	No
166	GOM_TRA_1PNPDK20110228_142655_000000483100_00053_47050_3641.N1	28-FEB-2011 14:26:55	Dark	47.500	38	20Eps Sgr	1.8360	11000.	95	47050	No
167	GOM_TRA_1PNPDK20110228_142944_000000473100_00053_47050_3642.N1	28-FEB-2011 14:29:44	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	47050	No
168	GOM_TRA_1PNPDK20110228_143742_000000503100_00054_47051_3643.N1	28-FEB-2011 14:37:42	Dark	49.500	131	Gam Lup	2.8000	26000.	99	47051	No
169	GOM_TRA_1PNPDK20110228_144120_000000423100_00054_47051_3644.N1	28-FEB-2011 14:41:20	Dark	41.500	10	Bet Cen	0.61000	28000.	83	47051	No
170	GOM_TRA_1PNPDK20110228_144306_000000433100_00054_47051_3645.N1	28-FEB-2011 14:43:06	Dark	42.500	77	Eps Cen	2.3030	28000.	85	47051	No
171	GOM_TRA_1PNPDK20110228_144458_000000383100_00054_47051_3646.N1	28-FEB-2011 14:44:58	Dark	38.000	54	5The Cen	2.0550	4500.0	76	47051	No
172	GOM_TRA_1PNPDK20110228_144619_000000463100_00054_47051_3647.N1	28-FEB-2011 14:46:19	Dark	45.500	64	Gam Cen	2.2000	10600.	91	47051	No
173	GOM_TRA_1PNPDK20110228_150808_000000423100_00054_47051_3766.N1	28-FEB-2011 15:08:08	Bright	41.500	22	32Alp Leo	1.3600	15200.	83	47051	No
174	GOM_TRA_1PNPDK20110228_151044_000000443100_00054_47051_3767.N1	28-FEB-2011 15:10:44	Bright	44.000	51	41Gam1Leo	2.0100	4500.0	88	47051	No
175	GOM_TRA_1PNPDK20110228_151939_000000443100_00054_47051_3768.N1	28-FEB-2011 15:19:39	Bright	44.000	174	52Psi UMa	3.0040	4400.0	88	47051	No
176	GOM_TRA_1PNPDK20110228_152223_000000423100_00054_47051_3769.N1	28-FEB-2011 15:22:23	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	47051	No
177	GOM_TRA_1PNPDK20110228_152342_000000423100_00054_47051_3770.N1	28-FEB-2011 15:23:42	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	47051	No
178	GOM_TRA_1PNPDK20110228_152656_000000513100_00054_47051_3771.N1	28-FEB-2011 15:26:56	Bright	51.000	32	77Eps UMa	1.7630	11000.	102	47051	No
179	GOM_TRA_1PNPDK20110228_153051_000000403100_00054_47051_3772.N1	28-FEB-2011 15:30:51	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	47051	No
180	GOM_TRA_1PNPDK20110228_153531_000000463100_00054_47051_3773.N1	28-FEB-2011 15:35:31	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	47051	No
181	GOM_TRA_1PNPDK20110228_153953_000000463100_00054_47051_3774.N1	28-FEB-2011 15:39:53	Bright	45.500	130	23Bet Dra	2.7990	5800.0	91	47051	No
182	GOM_TRA_1PNPDK20110228_154456_000000403100_00054_47051_3775.N1	28-FEB-2011 15:44:56	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	47051	No
183	GOM_TRA_1PNPDK20110228_155230_000000383100_00054_47051_3776.N1	28-FEB-2011 15:52:30	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	47051	No
184	GOM_TRA_1PNPDK20110228_155818_000000663100_00054_47051_3777.N1	28-FEB-2011 15:58:18	Straylight	66.000	126	60Bet Oph	2.7700	4250.0	132	47051	No
185	GOM_TRA_1PNPDK20110228_160448_000000473100_00054_47051_3778.N1	28-FEB-2011 16:04:48	Dark	47.000	137	22Lam Sgr	2.8240	4400.0	94	47051	No
186	GOM_TRA_1PNPDK20110228_160710_000000483100_00054_47051_3779.N1	28-FEB-2011 16:07:10	Dark	47.500	38	20Eps Sgr	1.8360	11000.	95	47051	No
187	GOM_TRA_1PNPDK20110228_160959_000000463100_00054_47051_3780.N1	28-FEB-2011 16:09:59	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	47051	No
188	GOM_TRA_1PNPDK20110228_161758_000000523100_00055_47052_3781.N1	28-FEB-2011 16:17:58	Dark	52.000	131	Gam Lup	2.8000	26000.	104	47052	No
189	GOM_TRA_1PNPDK20110228_162135_000000453100_00055_47052_3782.N1	28-FEB-2011 16:21:35	Dark	44.500	10	Bet Cen	0.61000	28000.	89	47052	No

190	GOM_TRA_1PNPDK20110228_162321_000000443100_00055_47052_3783.N1	28-FEB-2011 16:23:21	Dark	43.500	77	Eps Cen	2.3030	28000.	87	47052	No
191	GOM_TRA_1PNPDK20110228_162513_000000393100_00055_47052_3784.N1	28-FEB-2011 16:25:13	Dark	39.000	54	5The Cen	2.0550	4500.0	78	47052	No
192	GOM_TRA_1PNPDK20110228_162634_000000503100_00055_47052_3785.N1	28-FEB-2011 16:26:34	Dark	50.000	64	Gam Cen	2.2000	10600.	100	47052	No
193	GOM_TRA_1PNPDK20110228_163605_000000283100_00055_47052_3862.N1	28-FEB-2011 16:36:05	Straylight	28.000	171	2Eps Crv	3.0010	4250.0	56	47052	No
194	GOM_TRA_1PNPDK20110228_164821_000000433100_00055_47052_3863.N1	28-FEB-2011 16:48:21	Bright	43.000	22	32Alp Leo	1.3600	15200.	86	47052	No
195	GOM_TRA_1PNPDK20110228_165058_000000453100_00055_47052_3864.N1	28-FEB-2011 16:50:58	Bright	45.000	51	41Gam1Leo	2.0100	4500.0	90	47052	No
196	GOM_TRA_1PNPDK20110228_165952_000000483100_00055_47052_3865.N1	28-FEB-2011 16:59:52	Bright	47.500	174	52Psi UMa	3.0040	4400.0	95	47052	No
197	GOM_TRA_1PNPDK20110228_170236_000000613100_00055_47052_3866.N1	28-FEB-2011 17:02:36	Bright	61.000	82	48Bet UMa	2.3650	10600.	122	47052	No
198	GOM_TRA_1PNPDK20110228_170356_000000423100_00055_47052_3867.N1	28-FEB-2011 17:03:56	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	47052	No
199	GOM_TRA_1PNPDK20110228_170709_000000483100_00055_47052_3868.N1	28-FEB-2011 17:07:09	Bright	48.000	32	77Eps UMa	1.7630	11000.	96	47052	No
200	GOM_TRA_1PNPDK20110228_171104_000000423100_00055_47052_3869.N1	28-FEB-2011 17:11:04	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	47052	No
201	GOM_TRA_1PNPDK20110228_171545_000000483100_00055_47052_3870.N1	28-FEB-2011 17:15:45	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	47052	No
202	GOM_TRA_1PNPDK20110228_172007_000000473100_00055_47052_3871.N1	28-FEB-2011 17:20:07	Bright	46.500	130	23Bet Dra	2.7990	5800.0	93	47052	No
203	GOM_TRA_1PNPDK20110228_172510_000000433100_00055_47052_3872.N1	28-FEB-2011 17:25:10	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	47052	No
204	GOM_TRA_1PNPDK20110228_173244_000000403100_00055_47052_3873.N1	28-FEB-2011 17:32:44	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	47052	No
205	GOM_TRA_1PNPDK20110228_173833_000000633100_00055_47052_3874.N1	28-FEB-2011 17:38:33	Straylight	63.000	126	60Bet Oph	2.7700	4250.0	126	47052	No
206	GOM_TRA_1PNPDK20110228_174503_000000463100_00055_47052_3875.N1	28-FEB-2011 17:45:03	Dark	46.000	137	22Lam Sgr	2.8240	4400.0	92	47052	No
207	GOM_TRA_1PNPDK20110228_174724_000000473100_00055_47052_3876.N1	28-FEB-2011 17:47:24	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	47052	No
208	GOM_TRA_1PNPDK20110228_175014_000000523100_00055_47052_3877.N1	28-FEB-2011 17:50:14	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	47052	No
209	GOM_TRA_1PNPDK20110228_175258_000000493100_00055_47052_3878.N1	28-FEB-2011 17:52:58	Dark	49.000	16	21Alp Sco	1.0200	3000.0	98	47052	No
210	GOM_TRA_1PNPDK20110228_175813_000000503100_00056_47053_3879.N1	28-FEB-2011 17:58:13	Dark	50.000	131	Gam Lup	2.8000	26000.	100	47053	No
211	GOM_TRA_1PNPDK20110228_180149_000000533100_00056_47053_3880.N1	28-FEB-2011 18:01:49	Dark	53.000	10	Bet Cen	0.61000	28000.	106	47053	No
212	GOM_TRA_1PNPDK20110228_180336_000000433100_00056_47053_3881.N1	28-FEB-2011 18:03:36	Dark	43.000	77	Eps Cen	2.3030	28000.	86	47053	No
213	GOM_TRA_1PNPDK20110228_180528_000000393100_00056_47053_3882.N1	28-FEB-2011 18:05:28	Dark	39.000	54	5The Cen	2.0550	4500.0	78	47053	No
214	GOM_TRA_1PNPDK20110228_180649_000000443100_00056_47053_3883.N1	28-FEB-2011 18:06:49	Dark	43.500	64	Gam Cen	2.2000	10600.	87	47053	No
215	GOM_TRA_1PNPDK20110228_181620_000000283100_00056_47053_3969.N1	28-FEB-2011 18:16:20	Straylight	28.000	171	2Eps Crv	3.0010	4250.0	56	47053	No
216	GOM_TRA_1PNPDK20110228_182835_000000423100_00056_47053_3970.N1	28-FEB-2011 18:28:35	Bright	42.000	22	32Alp Leo	1.3600	15200.	84	47053	No
217	GOM_TRA_1PNPDK20110228_183112_000000443100_00056_47053_3971.N1	28-FEB-2011 18:31:12	Bright	44.000	51	41Gam1Leo	2.0100	4500.0	88	47053	No
218	GOM_TRA_1PNPDK20110228_184005_000000463100_00056_47053_3972.N1	28-FEB-2011 18:40:05	Bright	45.500	174	52Psi UMa	3.0040	4400.0	91	47053	No
219	GOM_TRA_1PNPDK20110228_184250_000000493100_00056_47053_3973.N1	28-FEB-2011 18:42:50	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	47053	No
220	GOM_TRA_1PNPDK20110228_184410_000000423100_00056_47053_3974.N1	28-FEB-2011 18:44:10	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	47053	No
221	GOM_TRA_1PNPDK20110228_184722_000000513100_00056_47053_3975.N1	28-FEB-2011 18:47:22	Bright	50.500	32	77Eps UMa	1.7630	11000.	101	47053	No
222	GOM_TRA_1PNPDK20110228_185118_000000433100_00056_47053_3976.N1	28-FEB-2011 18:51:18	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	47053	No
223	GOM_TRA_1PNPDK20110228_185558_000000463100_00056_47053_3977.N1	28-FEB-2011 18:55:58	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	47053	No
224	GOM_TRA_1PNPDK20110228_190021_000000473100_00056_47053_3978.N1	28-FEB-2011 19:00:21	Bright	47.000	130	23Bet Dra	2.7990	5800.0	94	47053	No
225	GOM_TRA_1PNPDK20110228_190524_000000453100_00056_47053_3979.N1	28-FEB-2011 19:05:24	Bright	45.000	5	3Alp Lyr	0.033000	11000.	90	47053	No
226	GOM_TRA_1PNPDK20110228_191259_000000403100_00056_47053_3980.N1	28-FEB-2011 19:12:59	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	47053	No
227	GOM_TRA_1PNPDK20110228_191848_000000623100_00056_47053_3981.N1	28-FEB-2011 19:18:48	Straylight	62.000	126	60Bet Oph	2.7700	4250.0	124	47053	No
228	GOM_TRA_1PNPDK20110228_192518_000000483100_00056_47053_3982.N1	28-FEB-2011 19:25:18	Dark	47.500	137	22Lam Sgr	2.8240	4400.0	95	47053	No
229	GOM_TRA_1PNPDK20110228_192739_000000433100_00056_47053_3983.N1	28-FEB-2011 19:27:39	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	47053	No
230	GOM_TRA_1PNPDK20110228_193029_000000453100_00056_47053_3984.N1	28-FEB-2011 19:30:29	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	47053	No
231	GOM_TRA_1PNPDK20110228_193314_000000493100_00056_47053_3985.N1	28-FEB-2011 19:33:14	Dark	49.000	16	21Alp Sco	1.0200	3000.0	98	47053	No
232	GOM_TRA_1PNPDK20110228_193828_000000513100_00057_47054_3986.N1	28-FEB-2011 19:38:28	Dark	51.000	131	Gam Lup	2.8000	26000.	102	47054	No
233	GOM_TRA_1PNPDK20110228_194204_000000553100_00057_47054_3987.N1	28-FEB-2011 19:42:04	Dark	54.500	10	Bet Cen	0.61000	28000.	109	47054	No
234	GOM_TRA_1PNPDK20110228_194351_000000443100_00057_47054_3988.N1	28-FEB-2011 19:43:51	Dark	44.000	77	Eps Cen	2.3030	28000.	88	47054	No
235	GOM_TRA_1PNPDK20110228_194544_000000393100_00057_47054_3989.N1	28-FEB-2011 19:45:44	Dark	39.000	54	5The Cen	2.0550	4500.0	78	47054	No
236	GOM_TRA_1PNPDK20110228_194703_000000513100_00057_47054_3990.N1	28-FEB-2011 19:47:03	Dark	50.500	64	Gam Cen	2.2000	10600.	101	47054	No
237	GOM_TRA_1PNPDE20110228_195634_000000333100_00057_47054_4568.N1	28-FEB-2011 19:56:34	Straylight	33.000	171	2Eps Crv	3.0010	4250.0	66	47054	No
238	GOM_TRA_1PNPDE20110228_200849_000000423100_00057_47054_4569.N1	28-FEB-2011 20:08:49	Bright	41.500	22	32Alp Leo	1.3600	15200.	83	47054	No
239	GOM_TRA_1PNPDE20110228_201126_000000433100_00057_47054_4570.N1	28-FEB-2011 20:11:26	Bright	43.000	51	41Gam1Leo	2.0100	4500.0	86	47054	No
240	GOM_TRA_1PNPDE20110228_202019_000000453100_00057_47054_4571.N1	28-FEB-2011 20:20:19	Bright	44.500	174	52Psi UMa	3.0040	4400.0	89	47054	No
241	GOM_TRA_1PNPDE20110228_202303_000000433100_00057_47054_4572.N1	28-FEB-2011 20:23:03	Bright	42.500	82	48Bet UMa	2.3650	10600.	85	47054	No
242	GOM_TRA_1PNPDE20110228_202423_000000433100_00057_47054_4573.N1	28-FEB-2011 20:24:23	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	47054	No
243	GOM_TRA_1PNPDE20110228_202735_000000513100_00057_47054_4574.N1	28-FEB-2011 20:27:35	Bright	51.000	32	77Eps UMa	1.7630	11000.	102	47054	No
244	GOM_TRA_1PNPDE20110228_203132_000000413100_00057_47054_4575.N1	28-FEB-2011 20:31:32	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	47054	No
245	GOM_TRA_1PNPDE20110228_203612_000000433100_00057_47054_4576.N1	28-FEB-2011 20:36:12	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	47054	No
246	GOM_TRA_1PNPDE20110228_204034_000000463100_00057_47054_4577.N1	28-FEB-2011 20:40:34	Bright	45.500	130	23Bet Dra	2.7990	5800.0	91	47054	No
247	GOM_TRA_1PNPDE20110228_204538_000000413100_00057_47054_4578.N1	28-FEB-2011 20:45:38	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	47054	No
248	GOM_TRA_1PNPDE20110228_205313_000000403100_00057_47054_4579.N1	28-FEB-2011 20:53:13	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	47054	No

249	GOM_TRA_1PNPDE20110228_205903_000000613100_00057_47054_4591.N1	28-FEB-2011 20:59:03	Straylight	60.500	126	60Bet Oph	2.7700	4250.0	121	47054	No
250	GOM_TRA_1PNPDE20110228_210532_000000483100_00057_47054_4592.N1	28-FEB-2011 21:05:32	Dark	47.500	137	22Lam Sgr	2.8240	4400.0	95	47054	No
251	GOM_TRA_1PNPDE20110228_210754_000000463100_00057_47054_4593.N1	28-FEB-2011 21:07:54	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	47054	No
252	GOM_TRA_1PNPDE20110228_211044_000000463100_00057_47054_4594.N1	28-FEB-2011 21:10:44	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	47054	No
253	GOM_TRA_1PNPDE20110228_211329_000000443100_00057_47054_4595.N1	28-FEB-2011 21:13:29	Dark	44.000	16	21Alp Sco	1.0200	3000.0	88	47054	No
254	GOM_TRA_1PNPDE20110228_211843_000000523100_00058_47055_4596.N1	28-FEB-2011 21:18:43	Dark	52.000	131	Gam Lup	2.8000	26000.	104	47055	No
255	GOM_TRA_1PNPDE20110228_212218_000000453100_00058_47055_4597.N1	28-FEB-2011 21:22:18	Dark	45.000	10	Bet Cen	0.61000	28000.	90	47055	No
256	GOM_TRA_1PNPDE20110228_212405_000000453100_00058_47055_4598.N1	28-FEB-2011 21:24:05	Dark	44.500	77	Eps Cen	2.3030	28000.	89	47055	No
257	GOM_TRA_1PNPDE20110228_212559_000000393100_00058_47055_4599.N1	28-FEB-2011 21:25:59	Dark	39.000	54	5The Cen	2.0550	4500.0	78	47055	No
258	GOM_TRA_1PNPDE20110228_212718_000000453100_00058_47055_4600.N1	28-FEB-2011 21:27:18	Dark	44.500	64	Gam Cen	2.2000	10600.	89	47055	No
259	GOM_TRA_1PNPDE20110228_213648_000000333100_00058_47055_4601.N1	28-FEB-2011 21:36:48	Straylight	33.000	171	2Eps Crv	3.0010	4250.0	66	47055	No
260	GOM_TRA_1PNPDE20110228_214903_000000423100_00058_47055_4602.N1	28-FEB-2011 21:49:03	Bright	41.500	22	32Alp Leo	1.3600	15200.	83	47055	No
261	GOM_TRA_1PNPDE20110228_215139_000000443100_00058_47055_4603.N1	28-FEB-2011 21:51:39	Bright	43.500	51	41Gam1Leo	2.0100	4500.0	87	47055	No
262	GOM_TRA_1PNPDE20110228_220032_000000463100_00058_47055_4604.N1	28-FEB-2011 22:00:32	Bright	45.500	174	52Psi UMa	3.0040	4400.0	91	47055	No
263	GOM_TRA_1PNPDE20110228_220317_000000403100_00058_47055_4605.N1	28-FEB-2011 22:03:17	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	47055	No
264	GOM_TRA_1PNPDE20110228_220437_000000393100_00058_47055_4606.N1	28-FEB-2011 22:04:37	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	47055	No
265	GOM_TRA_1PNPDE20110228_220748_000000513100_00058_47055_4607.N1	28-FEB-2011 22:07:48	Bright	50.500	32	77Eps UMa	1.7630	11000.	101	47055	No
266	GOM_TRA_1PNPDE20110228_221145_000000593100_00058_47055_4608.N1	28-FEB-2011 22:11:45	Bright	59.000	60	7Bet UMi	2.0810	3950.0	118	47055	No
267	GOM_TRA_1PNPDE20110228_221625_000000473100_00058_47055_4609.N1	28-FEB-2011 22:16:25	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	47055	No
268	GOM_TRA_1PNPDE20110228_222048_000000453100_00058_47055_4610.N1	28-FEB-2011 22:20:48	Bright	45.000	130	23Bet Dra	2.7990	5800.0	90	47055	No
269	GOM_TRA_1PNPDE20110228_222552_000000433100_00058_47055_4611.N1	28-FEB-2011 22:25:52	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	47055	No
270	GOM_TRA_1PNPDE20110228_223327_000000583100_00058_47055_4612.N1	28-FEB-2011 22:33:27	Bright	58.000	168	17Zet Aql	2.9860	11000.	116	47055	No
271	GOM_TRA_1PNPDE20110228_223918_000000653100_00058_47055_4613.N1	28-FEB-2011 22:39:18	Straylight	65.000	126	60Bet Oph	2.7700	4250.0	130	47055	No
272	GOM_TRA_1PNPDE20110228_224808_000000453100_00058_47055_4619.N1	28-FEB-2011 22:48:08	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	47055	No
273	GOM_TRA_1PNPDE20110228_225058_000000463100_00058_47055_4620.N1	28-FEB-2011 22:50:58	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	47055	No
274	GOM_TRA_1PNPDE20110228_225344_000000443100_00058_47055_4621.N1	28-FEB-2011 22:53:44	Dark	44.000	16	21Alp Sco	1.0200	3000.0	88	47055	No
275	GOM_TRA_1PNPDE20110228_225859_000000523100_00059_47056_4622.N1	28-FEB-2011 22:58:59	Dark	51.500	131	Gam Lup	2.8000	26000.	103	47056	No
276	GOM_TRA_1PNPDE20110228_230233_000000453100_00059_47056_4623.N1	28-FEB-2011 23:02:33	Dark	45.000	10	Bet Cen	0.61000	28000.	90	47056	No
277	GOM_TRA_1PNPDE20110228_230420_000000453100_00059_47056_4624.N1	28-FEB-2011 23:04:20	Dark	44.500	77	Eps Cen	2.3030	28000.	89	47056	No
278	GOM_TRA_1PNPDE20110228_230614_000000403100_00059_47056_4625.N1	28-FEB-2011 23:06:14	Dark	40.000	54	5The Cen	2.0550	4500.0	80	47056	No
279	GOM_TRA_1PNPDE20110228_230733_000000443100_00059_47056_4626.N1	28-FEB-2011 23:07:33	Dark	44.000	64	Gam Cen	2.2000	10600.	88	47056	No
280	GOM_TRA_1PNPDE20110228_230900_000000563100_00059_47056_4627.N1	28-FEB-2011 23:09:00	Dark	56.000	123	1ot Cen	2.7500	10200.	112	47056	No
281	GOM_TRA_1PNPDE20110228_231702_000000373100_00059_47056_4628.N1	28-FEB-2011 23:17:02	Straylight	37.000	171	2Eps Crv	3.0010	4250.0	74	47056	No
282	GOM_TRA_1PNPDE20110228_232916_000000443100_00059_47056_4629.N1	28-FEB-2011 23:29:16	Bright	43.500	22	32Alp Leo	1.3600	15200.	87	47056	No
283	GOM_TRA_1PNPDE20110228_233153_000000443100_00059_47056_4630.N1	28-FEB-2011 23:31:53	Bright	43.500	51	41Gam1Leo	2.0100	4500.0	87	47056	No
284	GOM_TRA_1PNPDE20110228_233342_000000283100_00059_47056_4631.N1	28-FEB-2011 23:33:42	Tw_i_and_stray	28.000	96	68Del Leo	2.5600	9300.0	56	47056	No
285	GOM_TRA_1PNPDE20110228_234045_000000623100_00059_47056_4632.N1	28-FEB-2011 23:40:45	Bright	61.500	174	52Psi UMa	3.0040	4400.0	123	47056	No
286	GOM_TRA_1PNPDE20110228_234330_000000423100_00059_47056_4633.N1	28-FEB-2011 23:43:30	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	47056	No
287	GOM_TRA_1PNPDE20110228_234450_000000433100_00059_47056_4634.N1	28-FEB-2011 23:44:50	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	47056	No
288	GOM_TRA_1PNPDE20110228_234802_000000473100_00059_47056_4635.N1	28-FEB-2011 23:48:02	Bright	46.500	32	77Eps UMa	1.7630	11000.	93	47056	No
289	GOM_TRA_1PNPDE20110228_235159_000000403100_00059_47056_4636.N1	28-FEB-2011 23:51:59	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	47056	No
290	GOM_TRA_1PNPDE20110228_235639_000000463100_00059_47056_4637.N1	28-FEB-2011 23:56:39	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	47056	No

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



4. Overview of dark signal processing per product

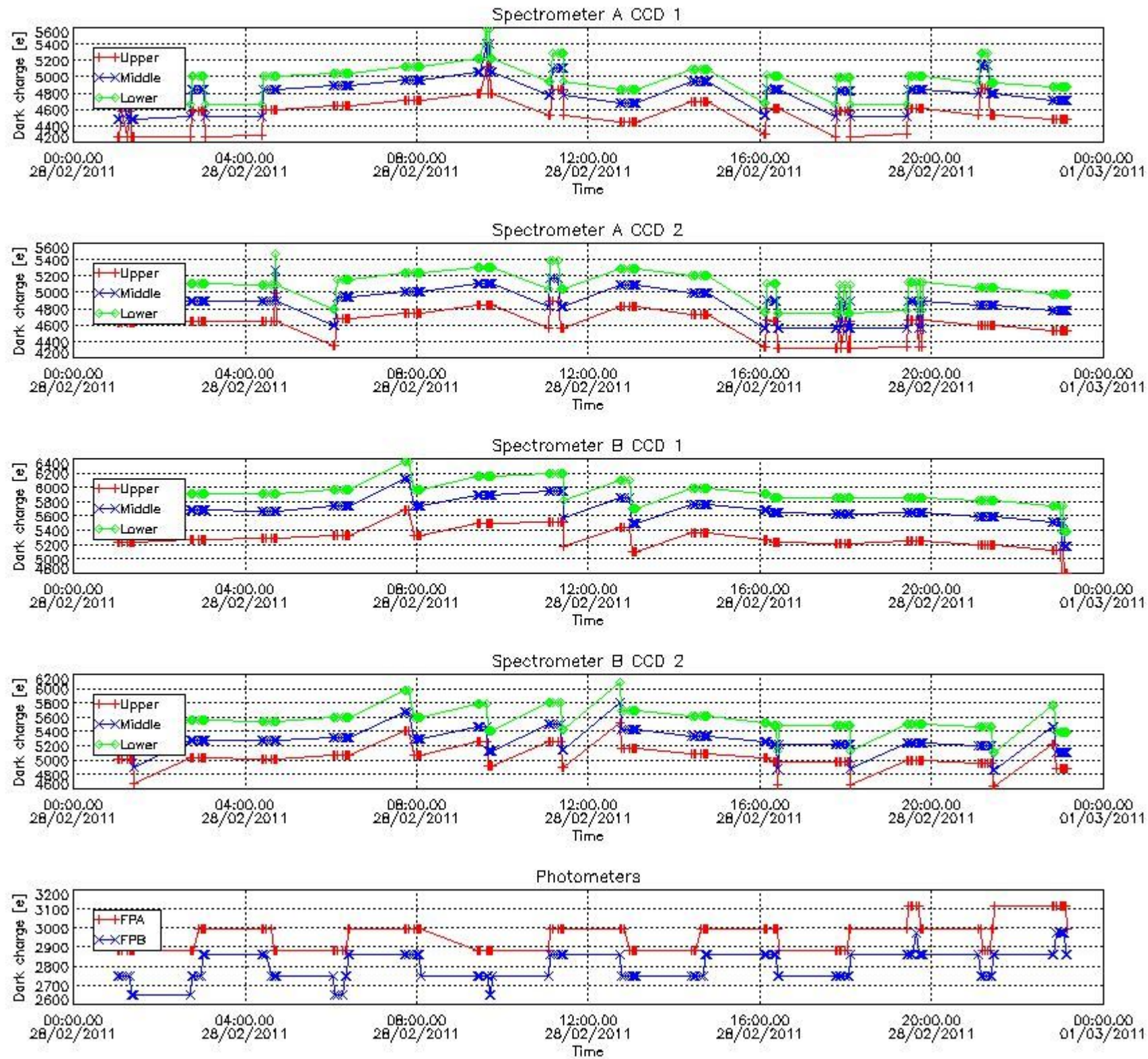
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20110228_195634_000000333100_00057_47054_4568.N1	DC map used
GOM_TRA_1PNPDE20110228_200849_000000423100_00057_47054_4569.N1	DC map used
GOM_TRA_1PNPDE20110228_201126_000000433100_00057_47054_4570.N1	DC map used
GOM_TRA_1PNPDE20110228_202019_000000453100_00057_47054_4571.N1	DC map used
GOM_TRA_1PNPDE20110228_202303_000000433100_00057_47054_4572.N1	DC map used
GOM_TRA_1PNPDE20110228_202423_000000433100_00057_47054_4573.N1	DC map used
GOM_TRA_1PNPDE20110228_202735_000000513100_00057_47054_4574.N1	DC map used
GOM_TRA_1PNPDE20110228_203132_000000413100_00057_47054_4575.N1	DC map used
GOM_TRA_1PNPDE20110228_203612_000000433100_00057_47054_4576.N1	DC map used
GOM_TRA_1PNPDE20110228_204034_000000463100_00057_47054_4577.N1	DC map used
GOM_TRA_1PNPDE20110228_204538_000000413100_00057_47054_4578.N1	DC map used
GOM_TRA_1PNPDE20110228_205313_000000403100_00057_47054_4579.N1	DC map used

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



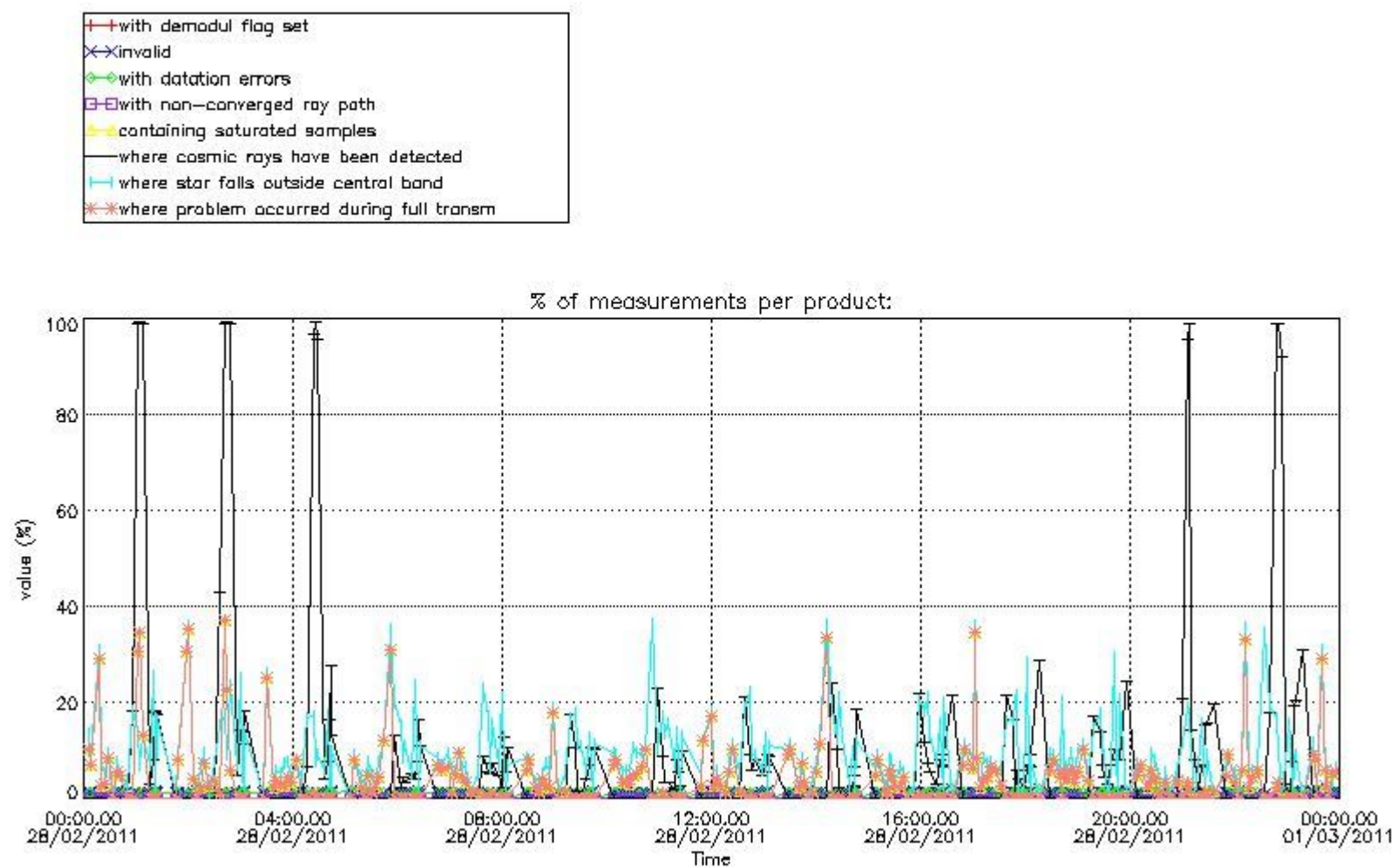
5. Demodulation flag and quality information monitoring

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

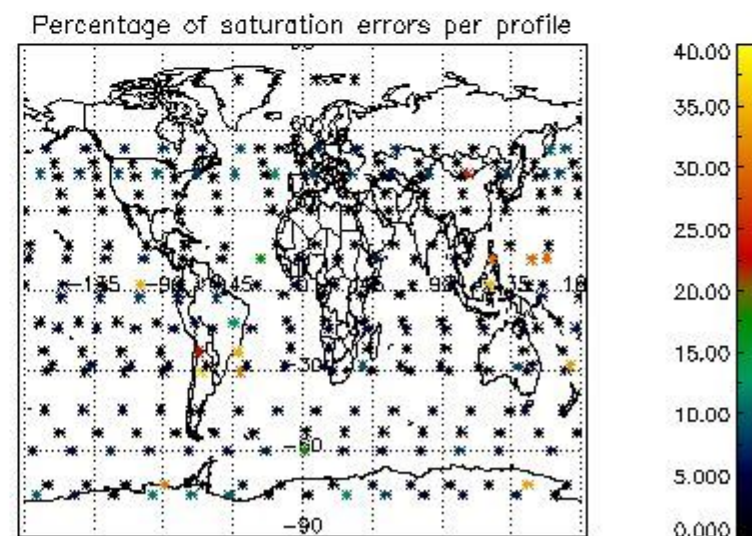
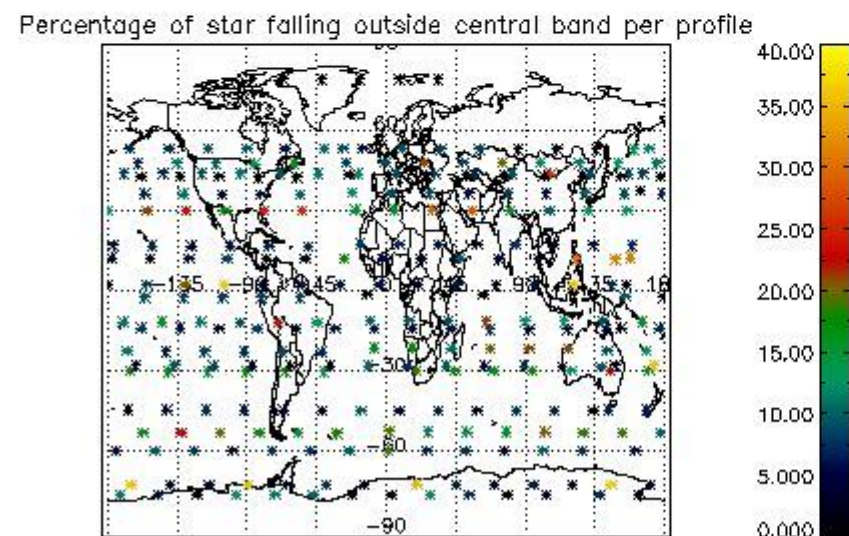
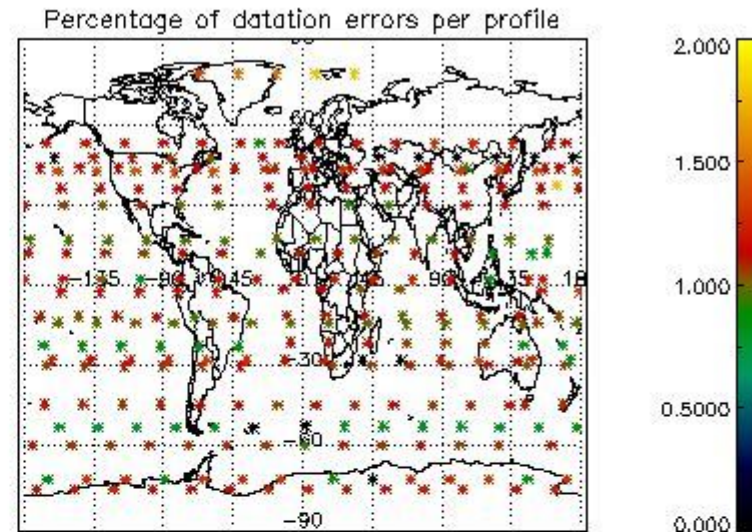
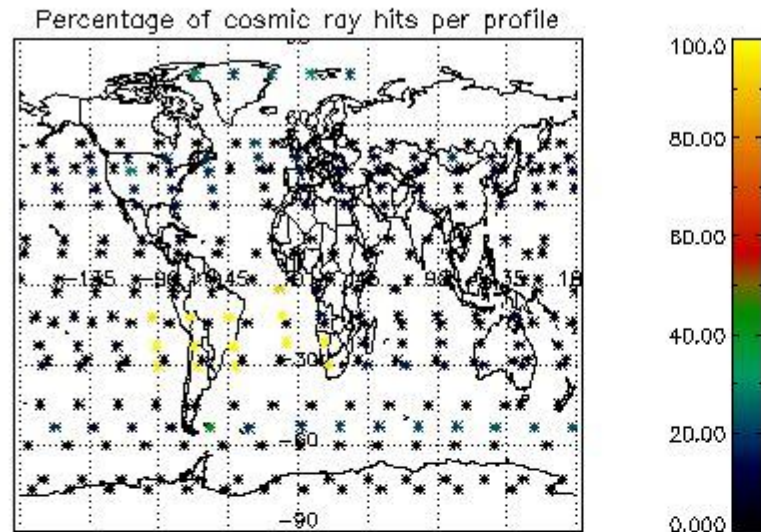
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	40.6897 %
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)



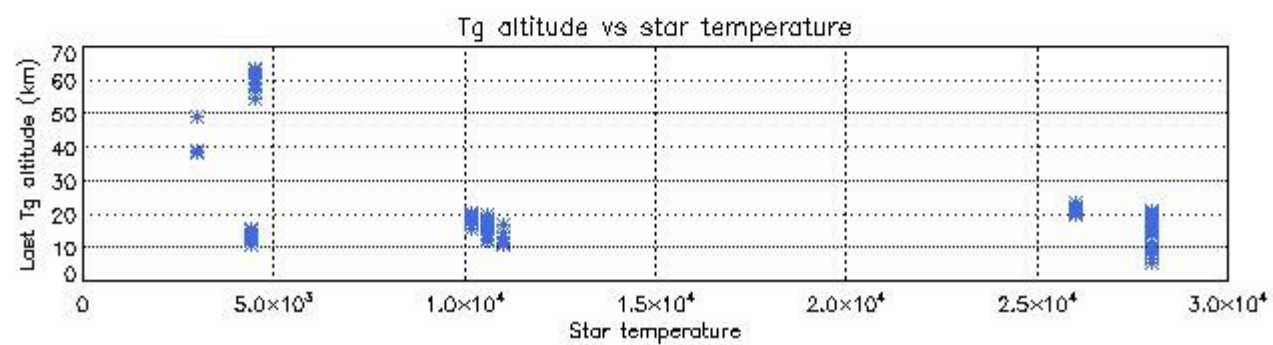
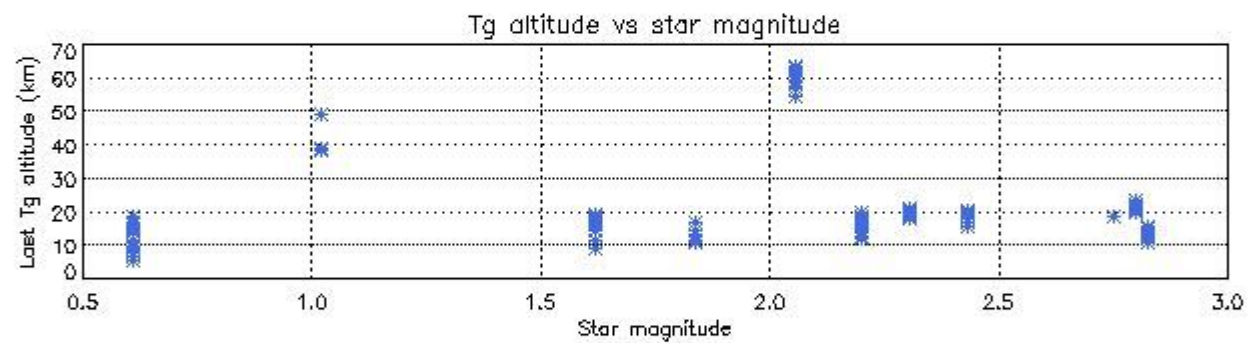
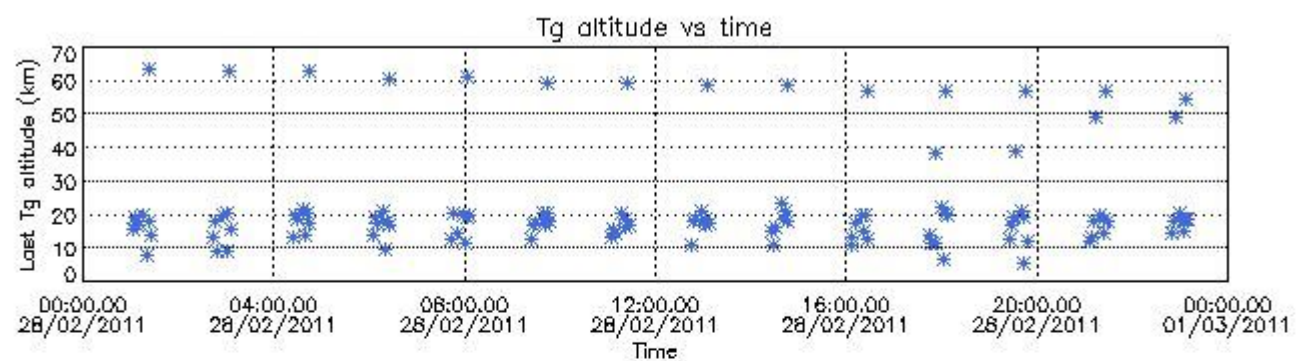
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	22.543	19.337	NaN
St. deviation:	14.992	4.8622	NaN
Maximum:	63.526	28.384	NaN
Minimum:	5.4440	3.1142	NaN
Number of data:	116.00	154.00	NaN

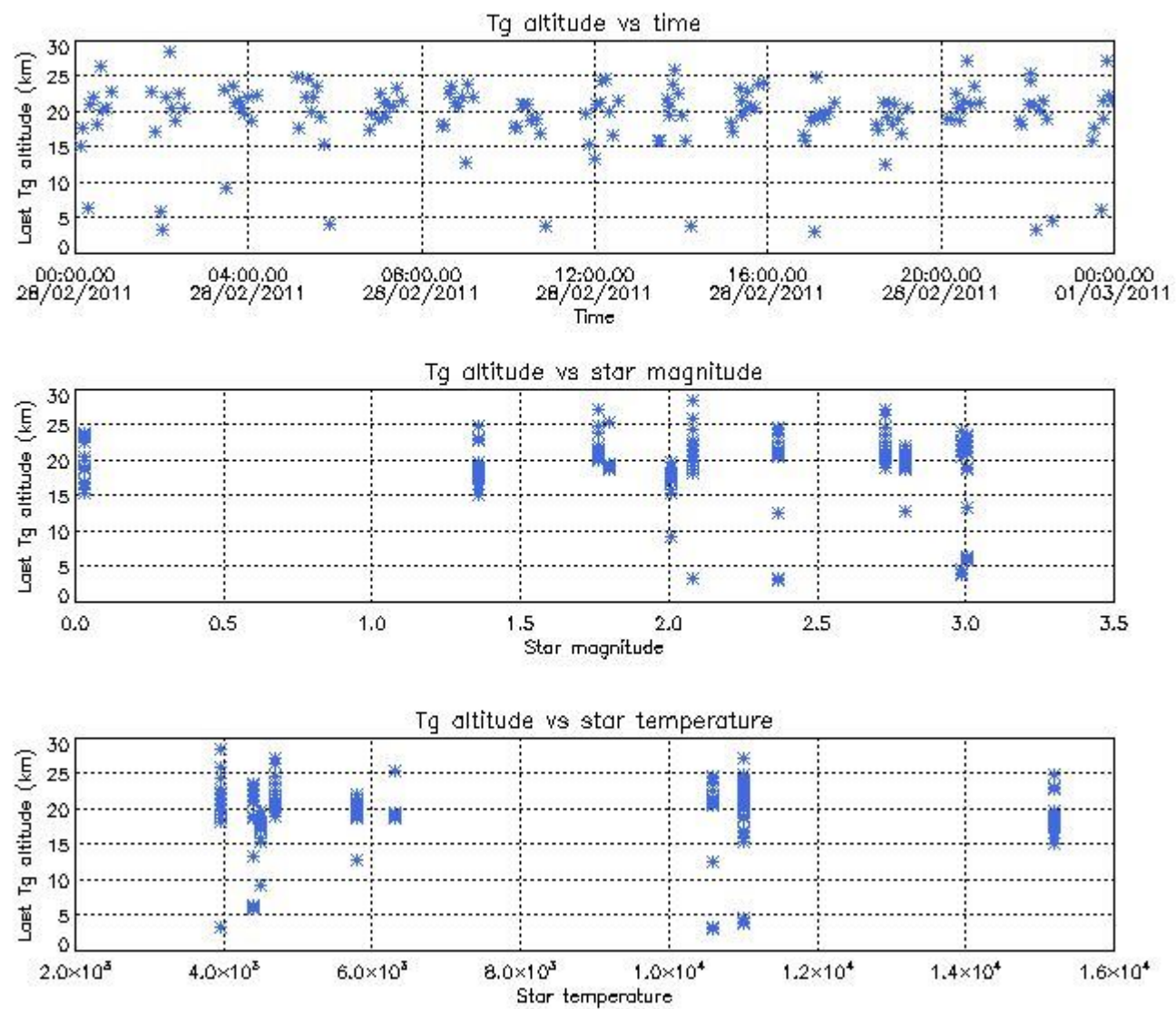
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

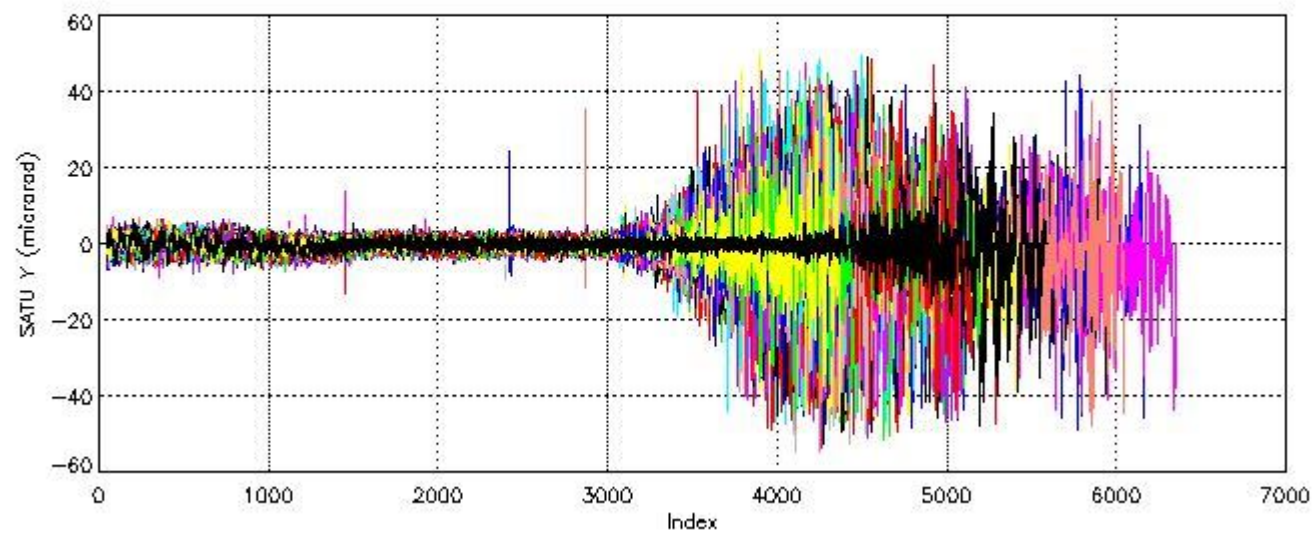
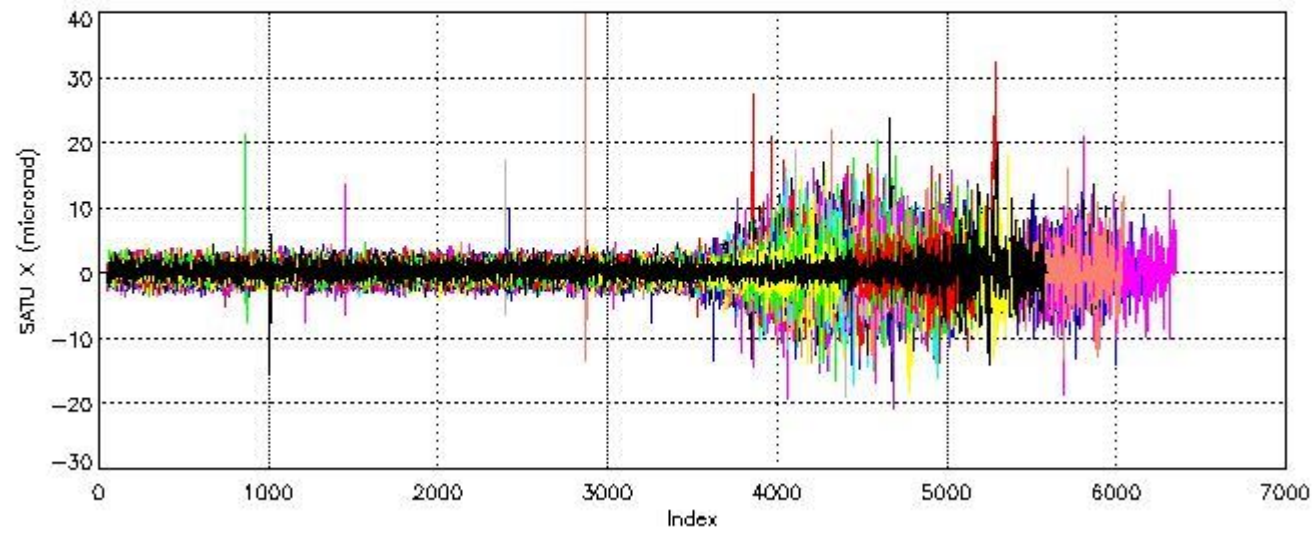


7. Star Acquisition and Tracking Unit (SATU)

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:	0.24743	-0.50951	0.21282	-0.56664
St. deviation:	0.60286	1.4075	0.64626	1.3510
Maximum:	21.200	13.600	7.6000	7.3000
Minimum:	-15.500	-8.7000	-5.0000	-7.4000

Number of data: 1.3540E+05 1.3540E+05 1.5860E+05 1.5860E+05

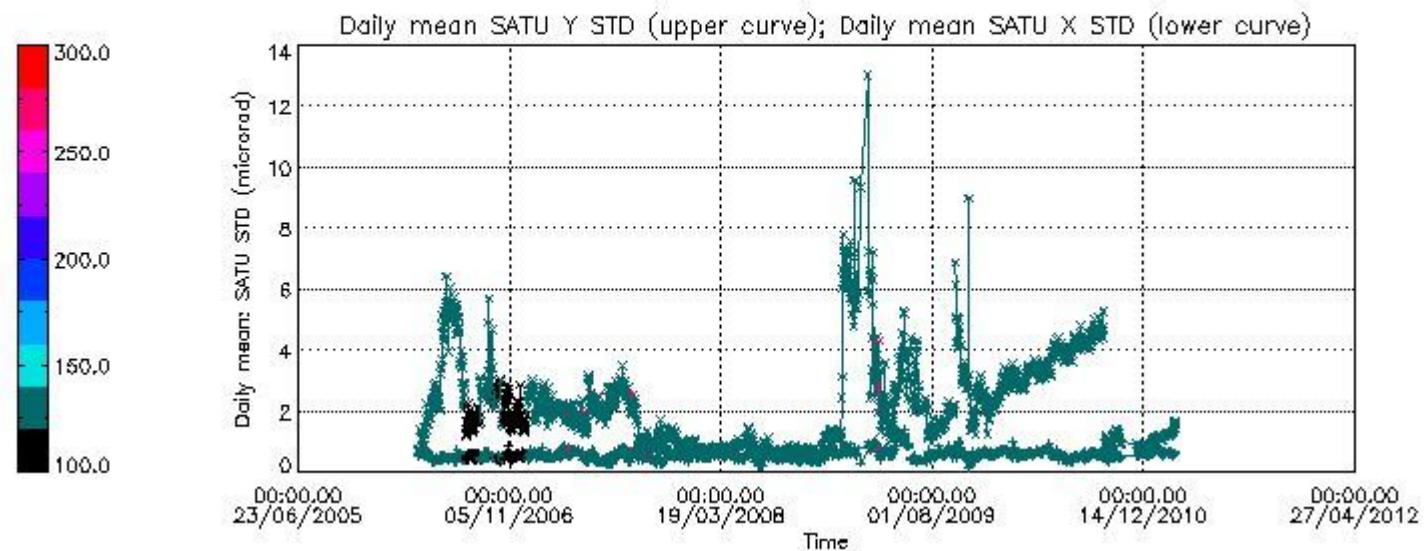
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

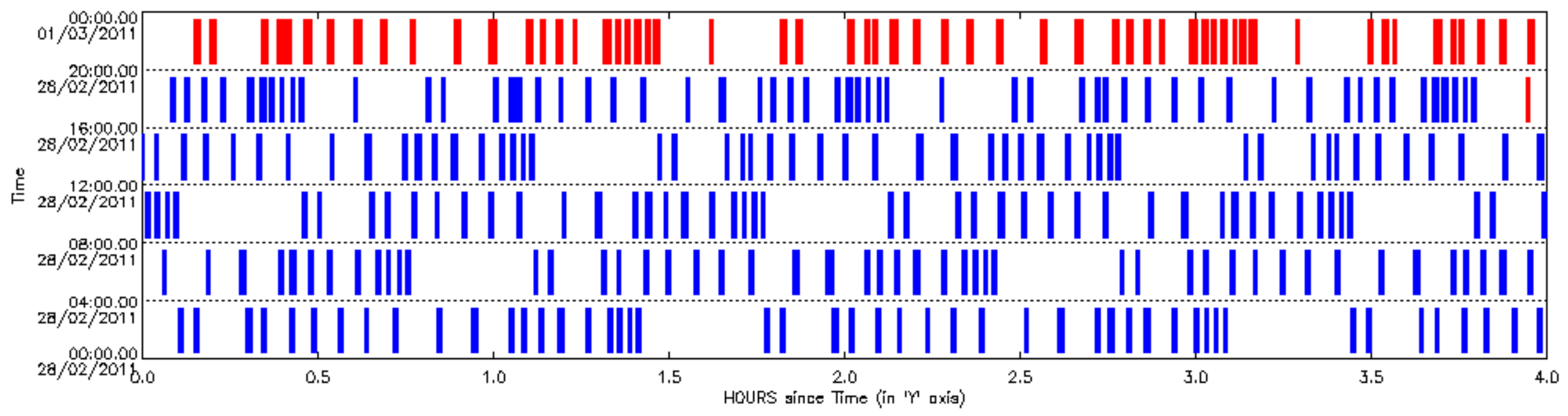


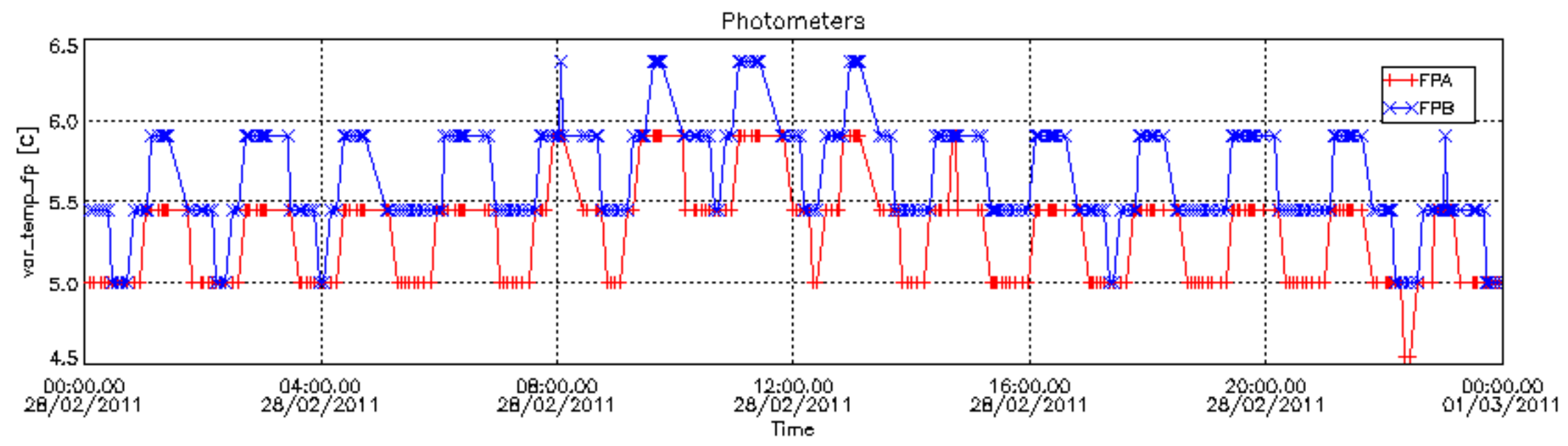
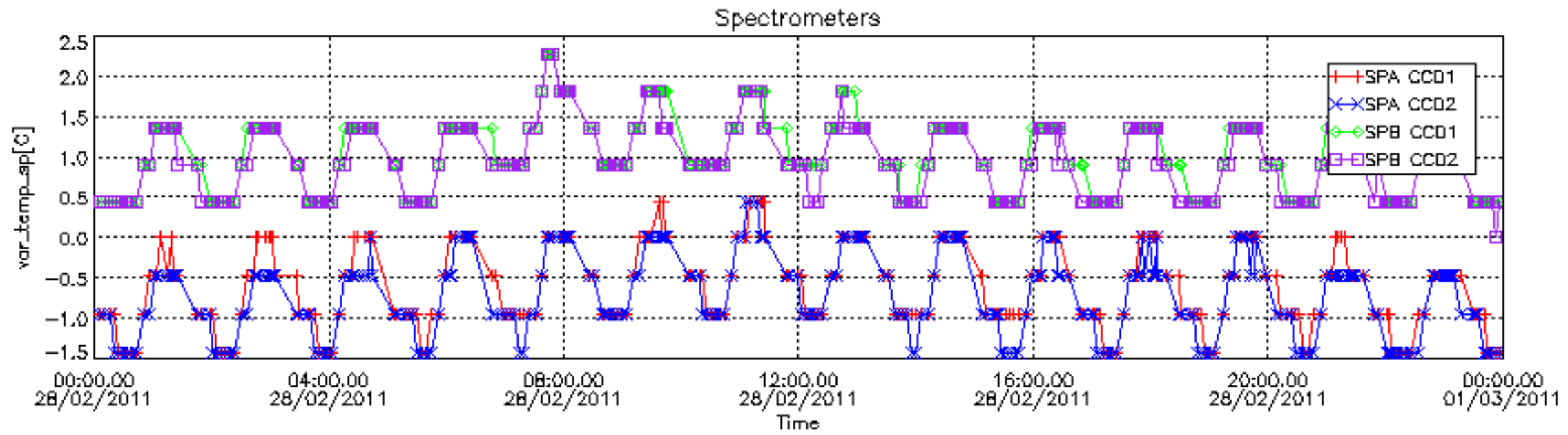
8. Auxiliary Data Files used for the production reported in section 2.4

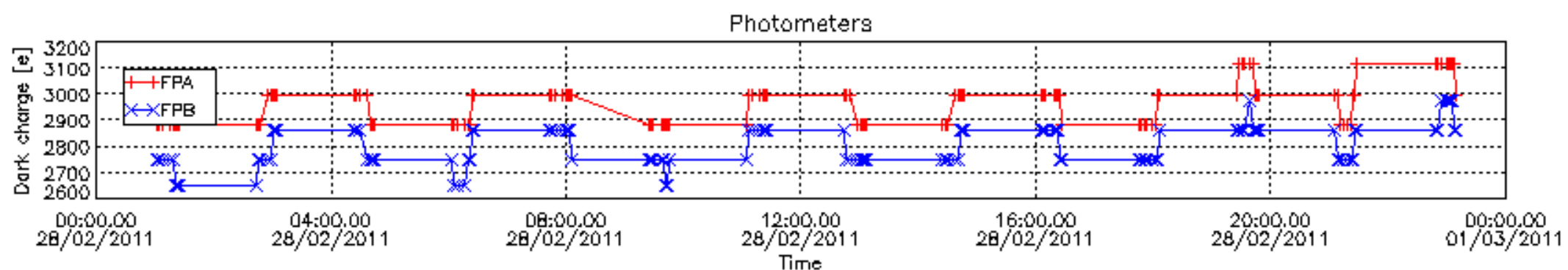
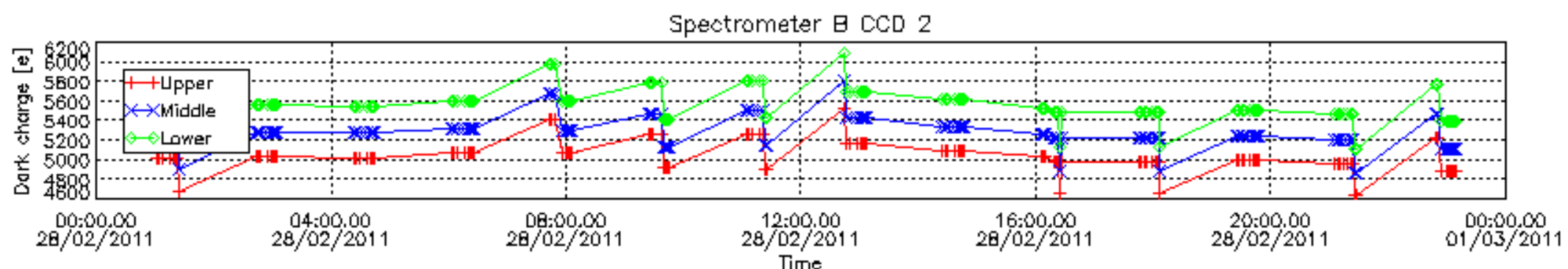
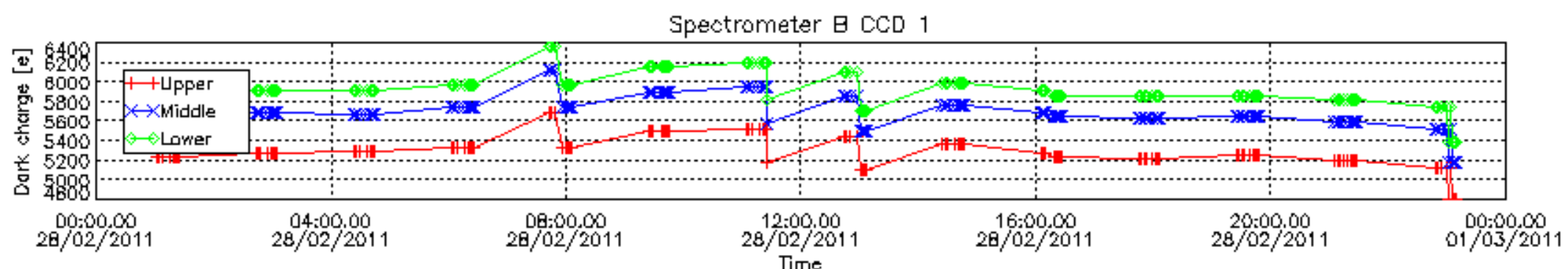
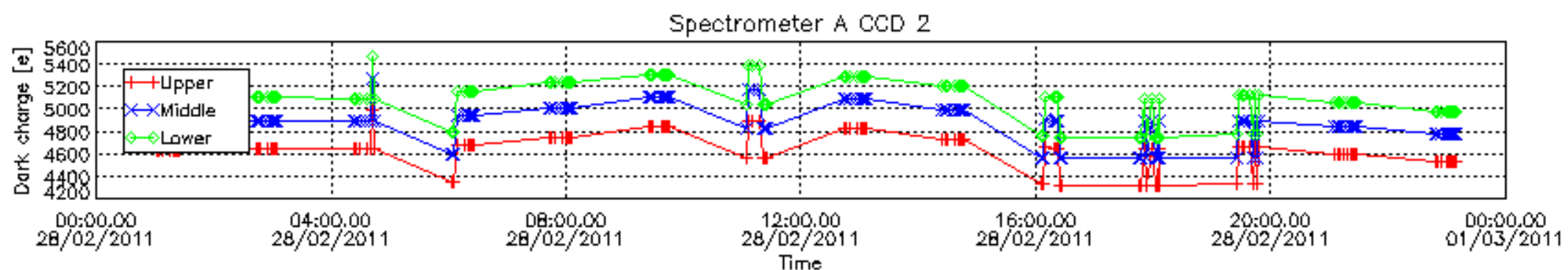
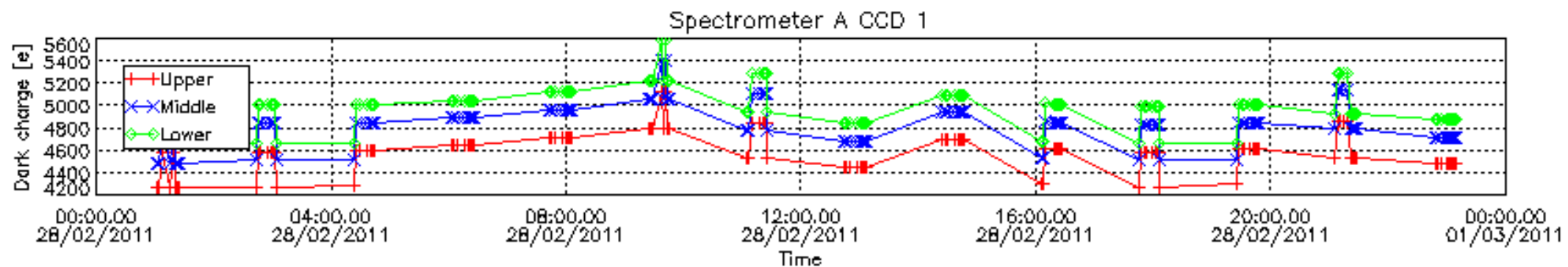
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

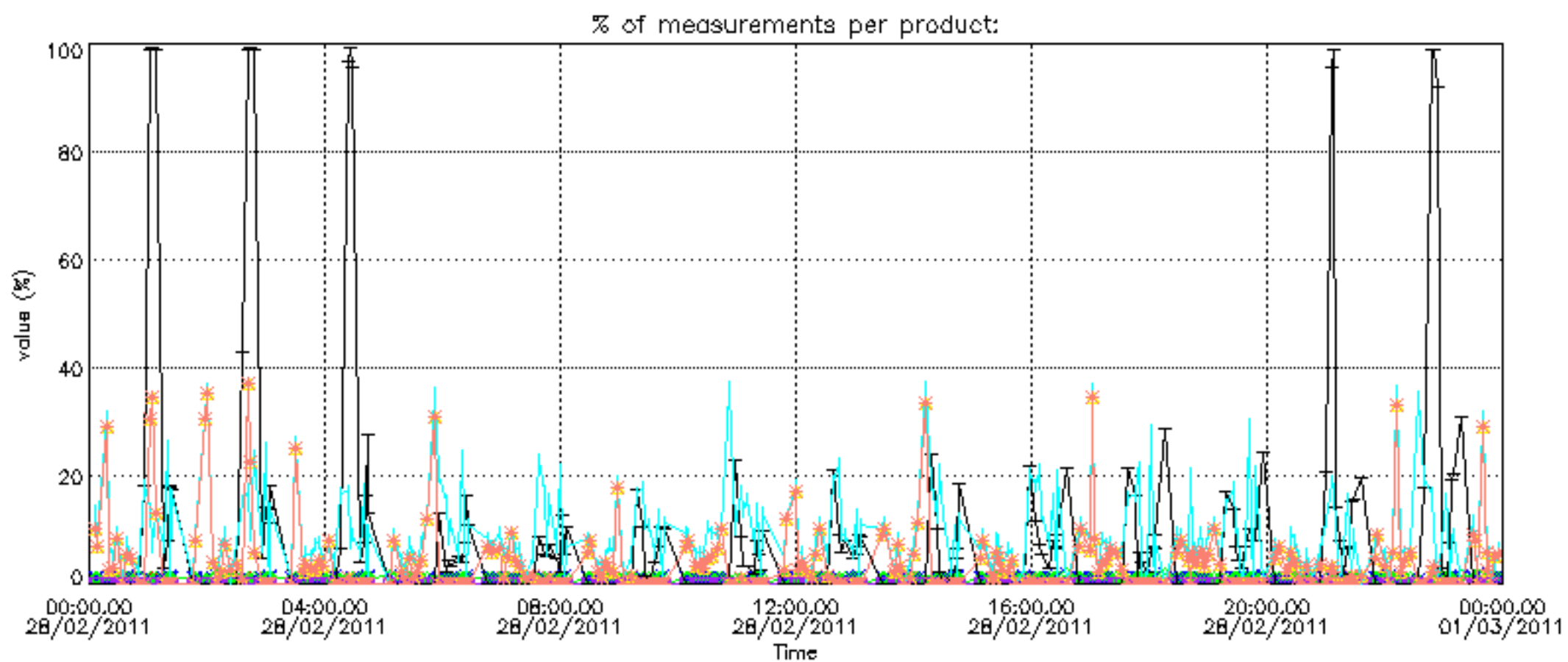
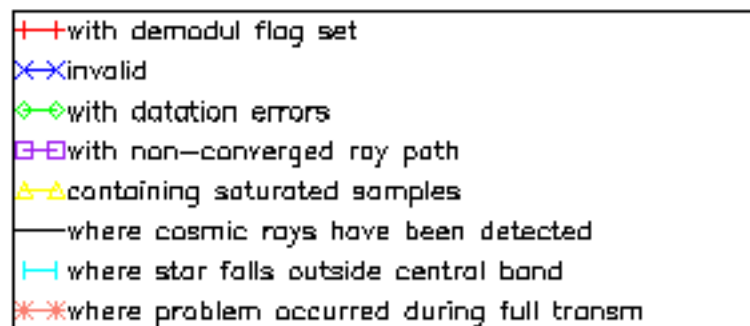
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-FEB-2011 00:06:03
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110222_092203_20110221_000000_20500101_000000	1	28-FEB-2011 00:06:03
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	28-FEB-2011 00:06:03
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	28-FEB-2011 00:06:03
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	28-FEB-2011 00:06:03
ECMWF_FILE	AUX_ECF_AXNECM20110227_052115_20110227_210000_20110228_090000	1	28-FEB-2011 00:06:03
ECMWF_FILE	AUX_ECF_AXNECM20110227_172115_20110228_030000_20110228_150000	44	28-FEB-2011 03:49:15
ECMWF_FILE	AUX_ECA_AXNECM20110228_052115_20110227_210000_20110228_090000	83	28-FEB-2011 07:14:23
ECMWF_FILE	AUX_ECF_AXNECM20110227_172115_20110228_030000_20110228_150000	96	28-FEB-2011 08:27:12
ECMWF_FILE	AUX_ECF_AXNECM20110228_052115_20110228_090000_20110228_210000	115	28-FEB-2011 10:07:26
ECMWF_FILE	AUX_ECF_AXNECM20110228_052116_20110228_150000_20110301_030000	173	28-FEB-2011 15:08:08
ECMWF_FILE	AUX_ECA_AXNECM20110228_170829_20110228_090000_20110228_210000	215	28-FEB-2011 18:16:20
ECMWF_FILE	AUX_ECF_AXNECM20110228_052116_20110228_150000_20110301_030000	249	28-FEB-2011 20:59:03
ECMWF_FILE	AUX_ECF_AXNECM20110228_052116_20110228_210000_20110301_090000	272	28-FEB-2011 22:48:08
OPTIONAL_ECMWF_FILE	MISSING	1	28-FEB-2011 00:06:03
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110227_222113_20110227_183008_20110309_204358	1	28-FEB-2011 00:06:03
ORBIT_DATA_FILE	DOR_NAV_OPNPKD20110228_070828_000038253100_00049_47046_3923.N1	83	28-FEB-2011 07:14:23
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110227_222113_20110227_183008_20110309_204358	96	28-FEB-2011 08:27:12
ORBIT_DATA_FILE	DOR_NAV_OPNPKD20110228_095829_000054193100_00051_47048_3925.N1	115	28-FEB-2011 10:07:26
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110227_222113_20110227_183008_20110309_204358	134	28-FEB-2011 11:47:40

ORBIT_DATA_FILE	DOR_NAV_OPNPK20110228_131504_000057383100_00053_47050_3927.N1	153	28-FEB-2011 13:27:54
ORBIT_DATA_FILE	DOR_NAV_OPNPK20110228_145601_000054193100_00054_47051_3928.N1	173	28-FEB-2011 15:08:08
ORBIT_DATA_FILE	DOR_NAV_OPNPK20110228_163140_000054193100_00055_47052_3929.N1	193	28-FEB-2011 16:36:05
ORBIT_DATA_FILE	DOR_NAV_OPNPK20110228_180718_000057383100_00056_47053_3930.N1	215	28-FEB-2011 18:16:20
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110227_222113_20110227_183008_20110309_204358	237	28-FEB-2011 19:56:34
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110228_222827_20110228_193338_20110310_200714	272	28-FEB-2011 22:48:08

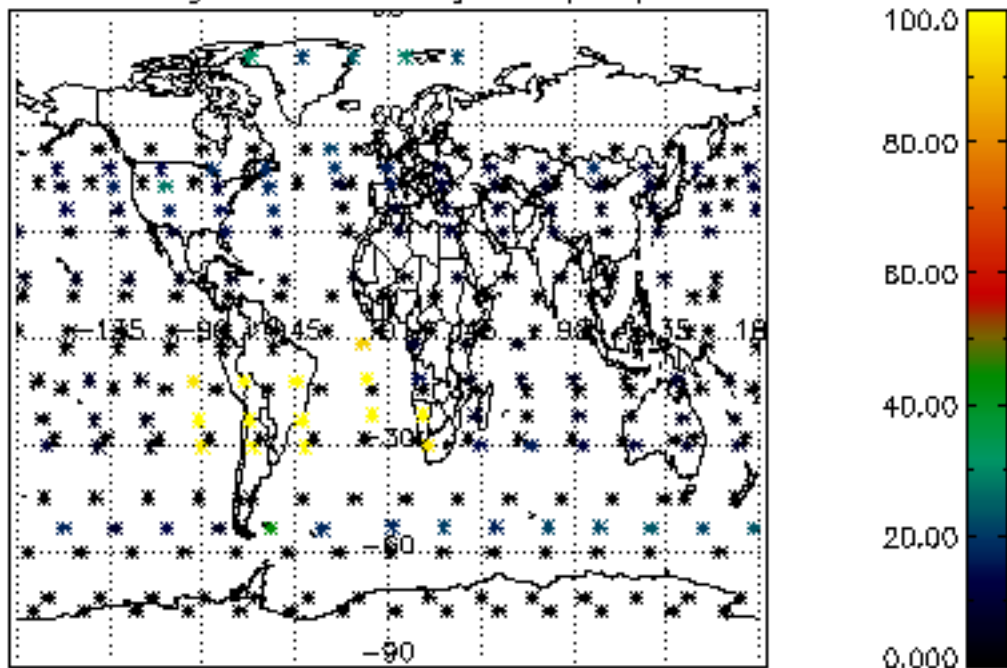




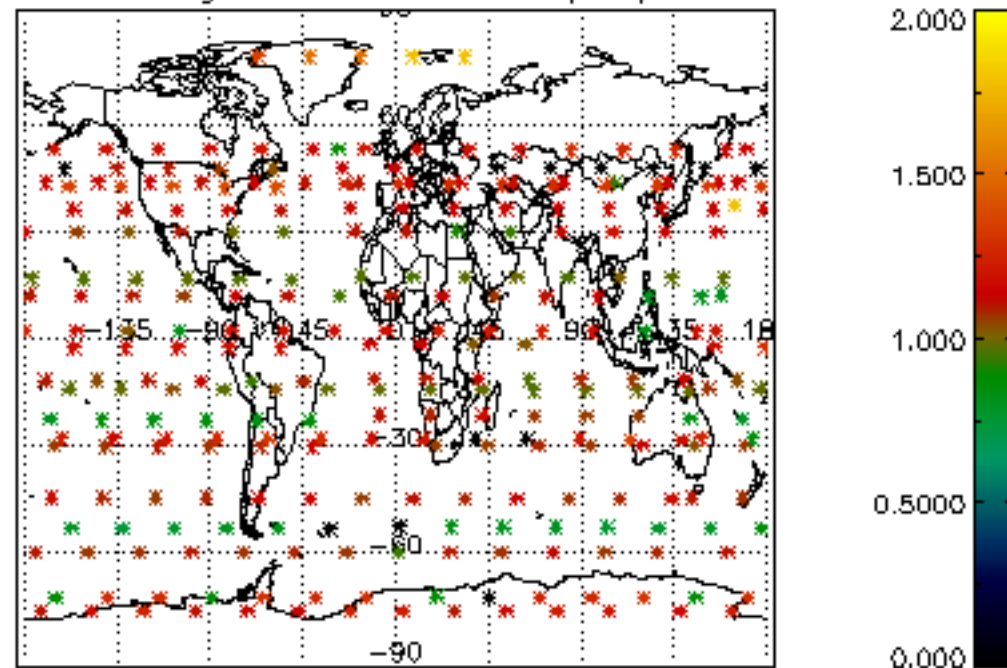




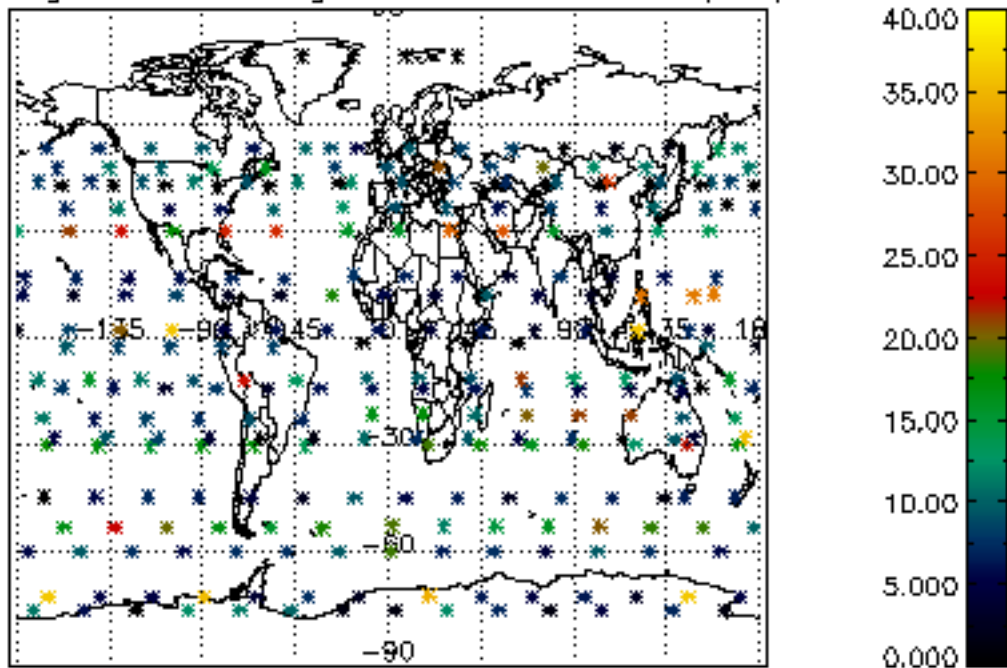
Percentage of cosmic ray hits per profile



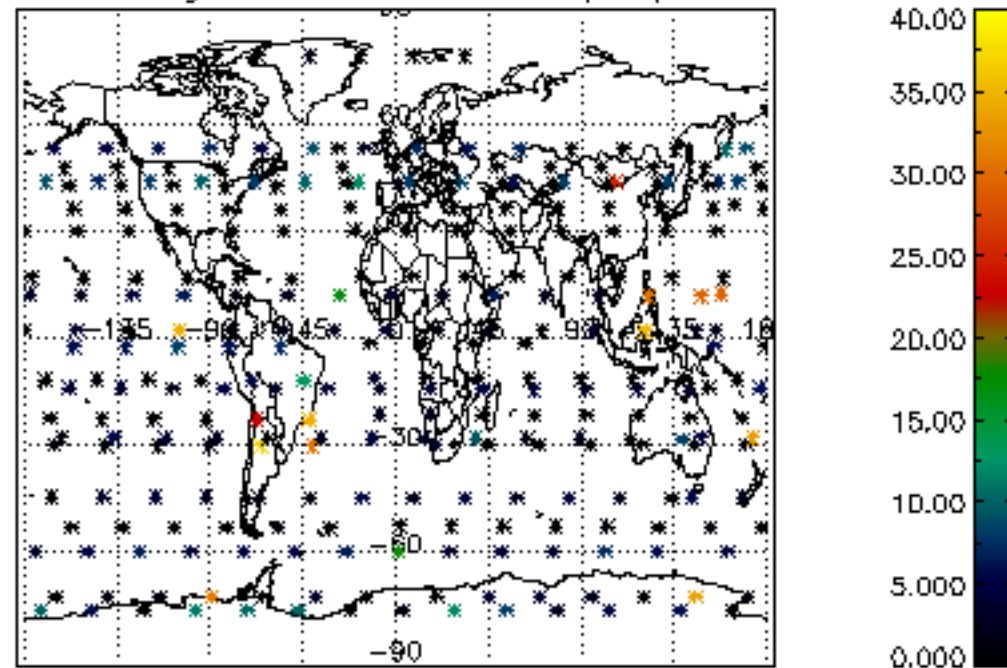
Percentage of datation errors per profile



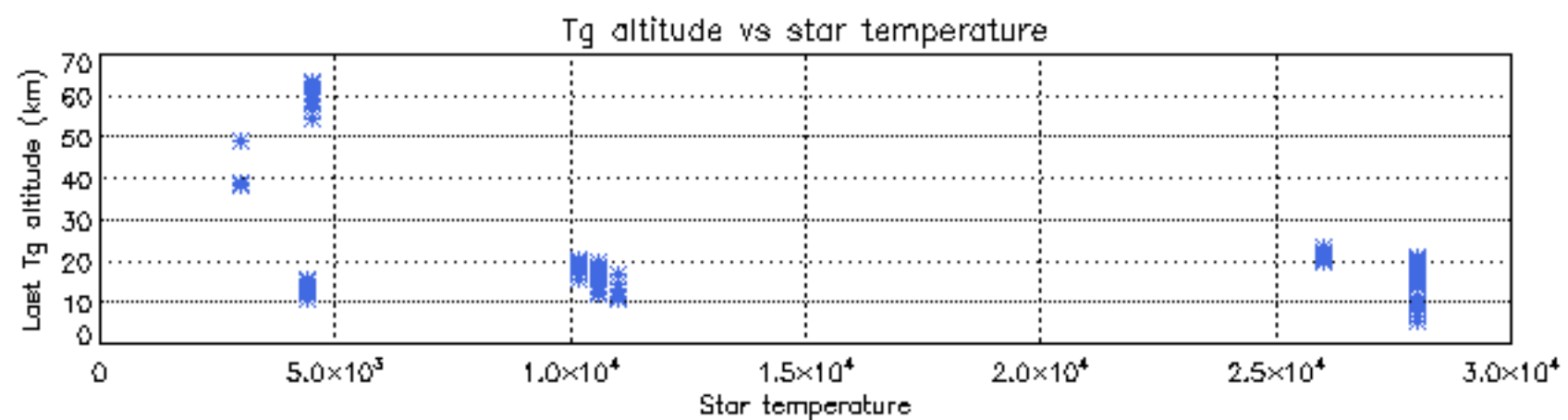
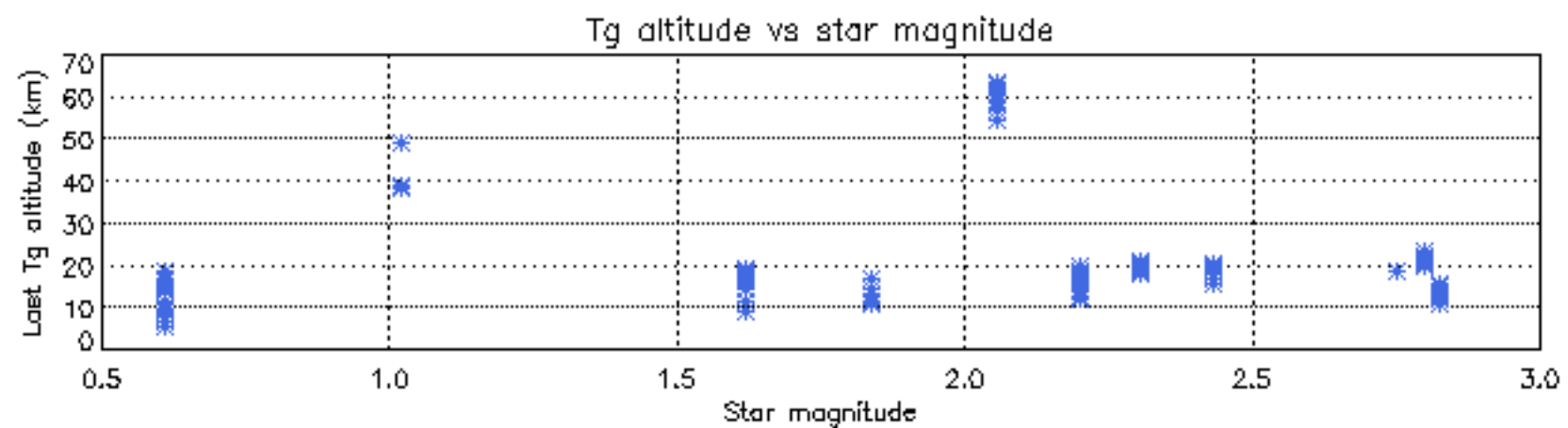
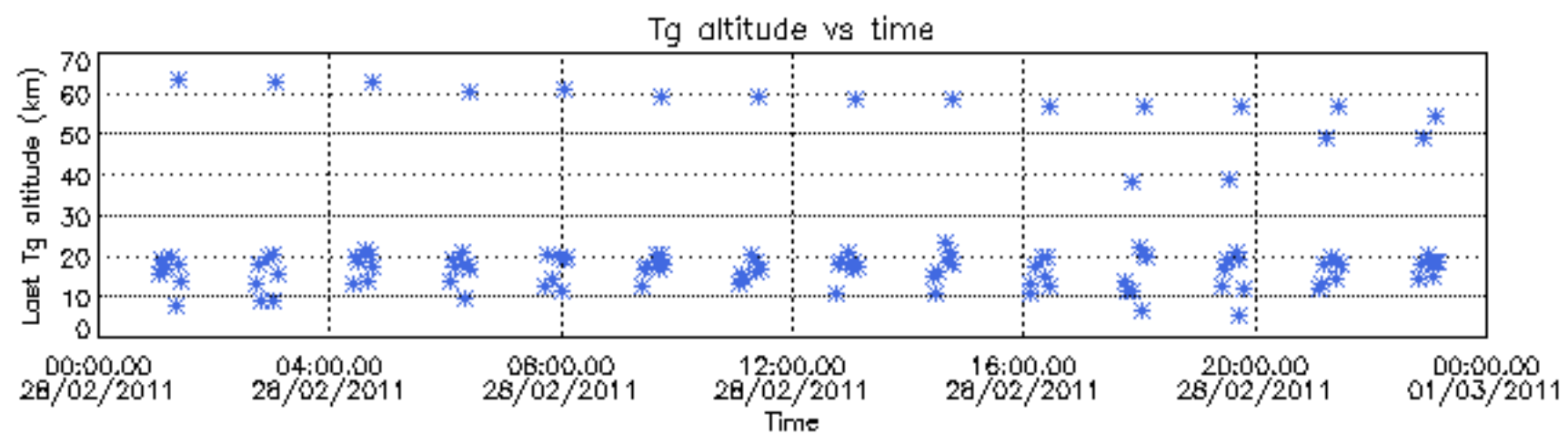
Percentage of star falling outside central band per profile



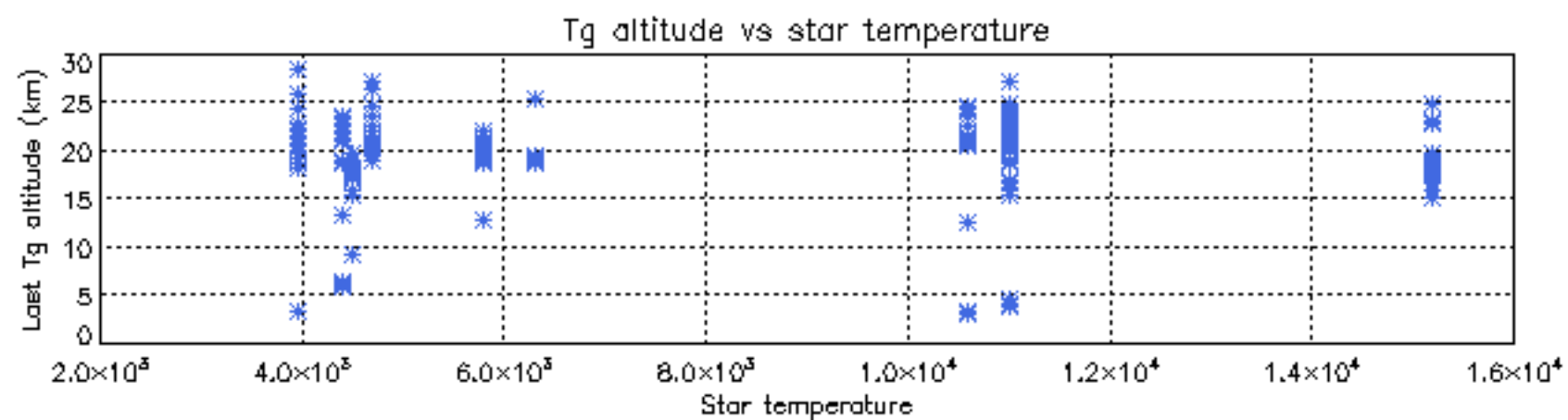
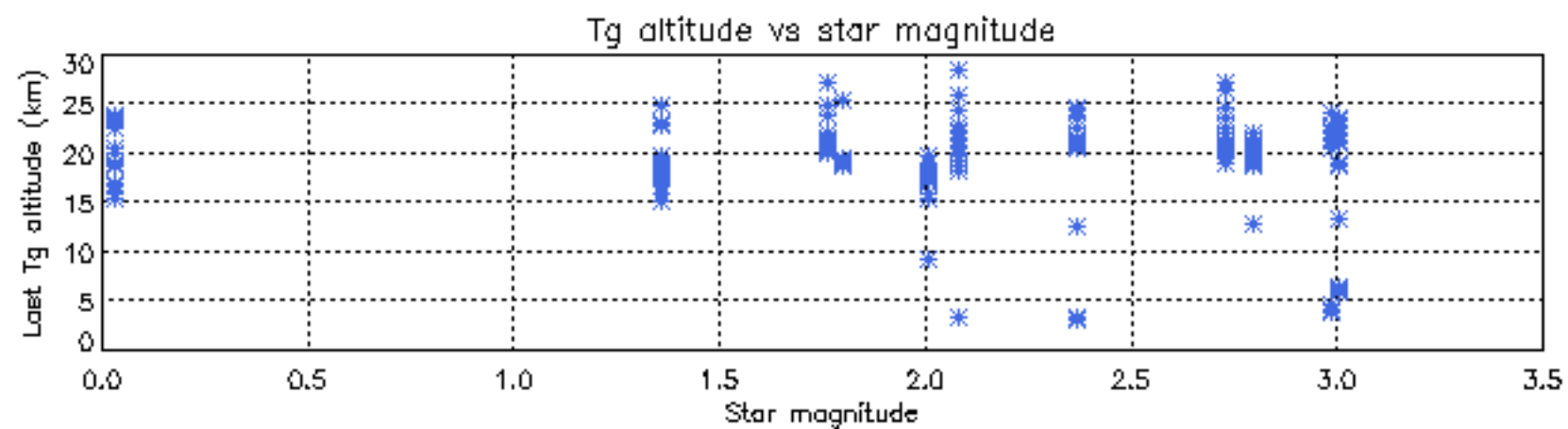
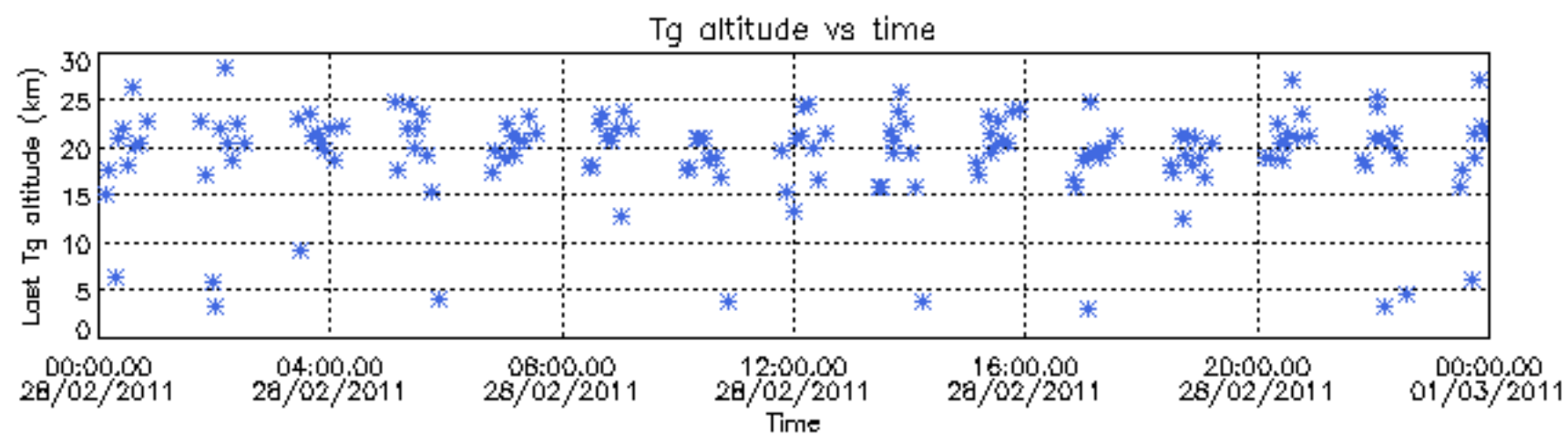
Percentage of saturation errors per profile

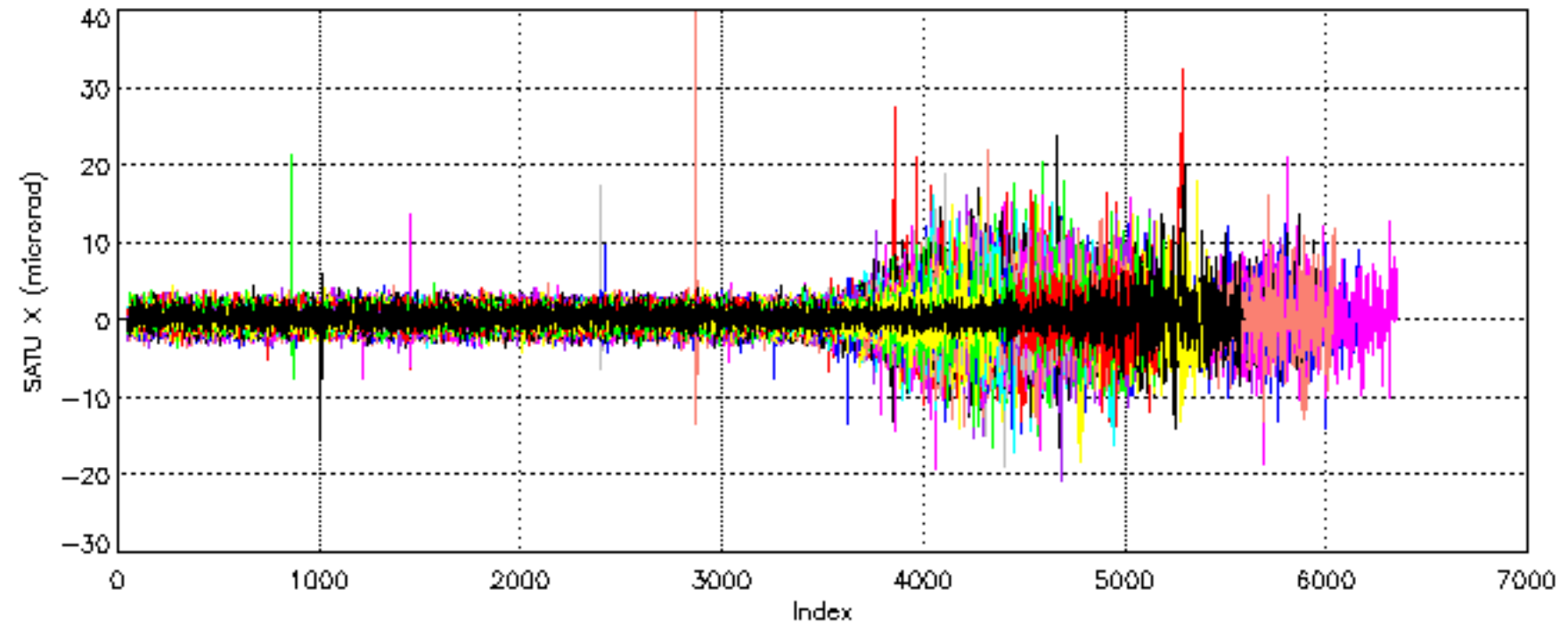


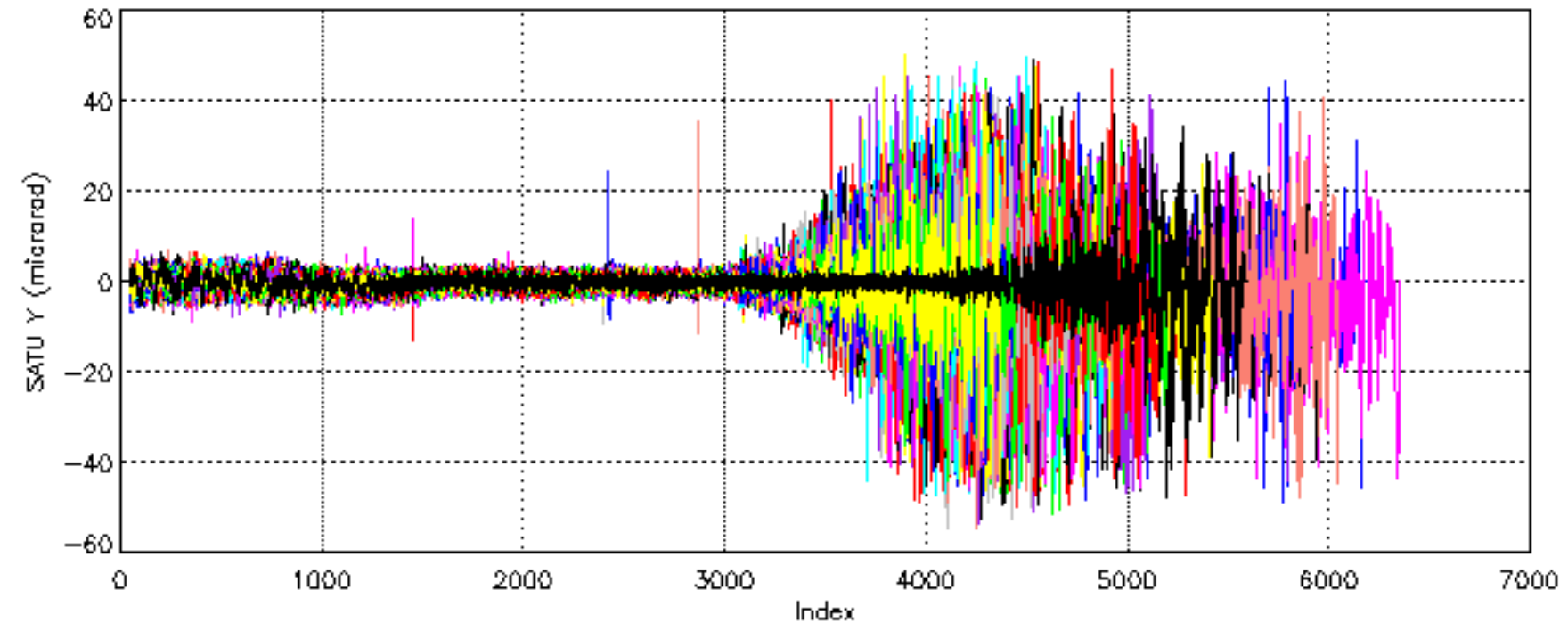
Tangent altitude at which the star is lost

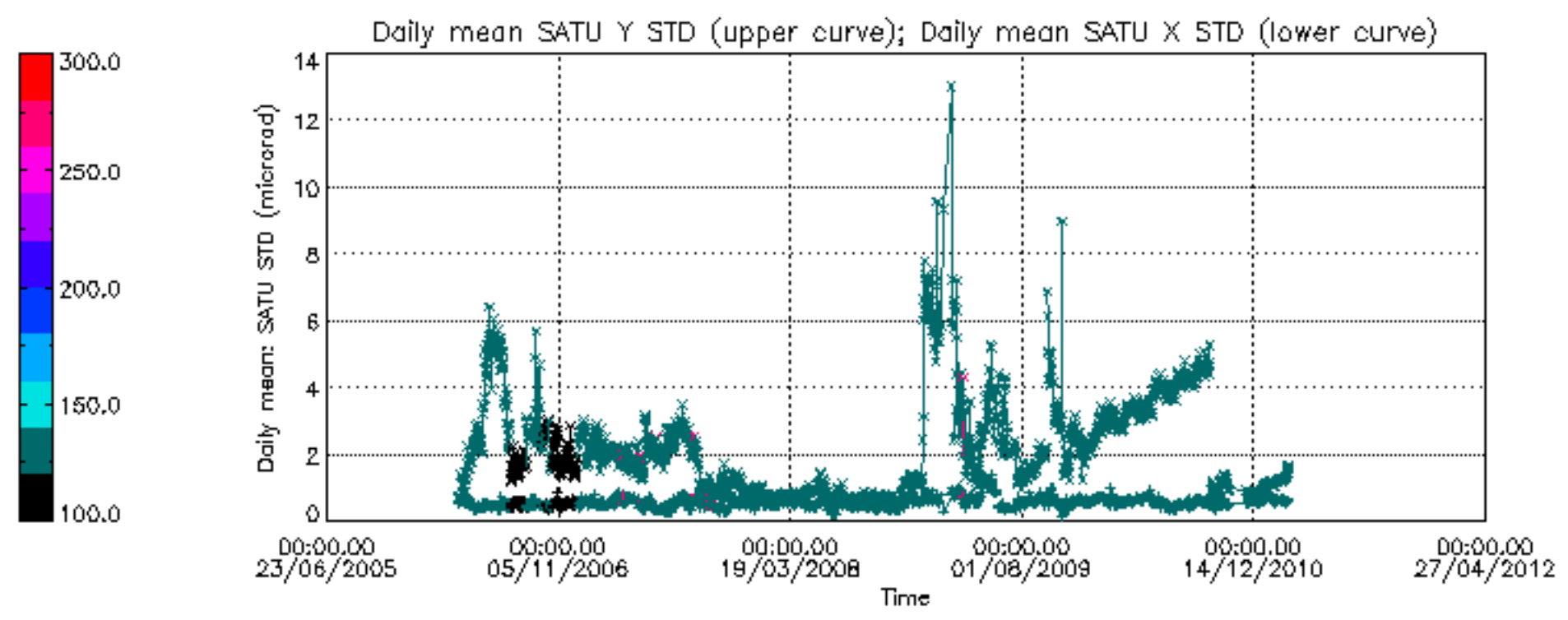


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110201_004830_000056763099_00088_46654_2201.N1

1; -719.1; 01-FEB-2011 00:48:30; Dark ; 44.5; 86; 35Eta Oph ; 2.43; 10200;occ; 89; 7;46654
 2; -464.4; 01-FEB-2011 00:52:45; Dark ; 56.0; 16; 21Alp Sco ; 1.02; 3000;occ; 112; 0;46654
 3; 15.5; 01-FEB-2011 01:00:45; Dark ; 44.5; 109; Bet Lup ; 2.68; 26000;occ; 89; 0;46655
 4; 109.8; 01-FEB-2011 01:02:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46655
 5; 263.2; 01-FEB-2011 01:04:53; Dark ; 52.5; 10; Bet Cen ; 0.61; 28000;occ; 105; 0;46655
 6; 465.9; 01-FEB-2011 01:08:15; Dark ; 50.0; 12; Alp1Cru ; 0.77; 30000;occ; 100; 0;46655
 7; 587.0; 01-FEB-2011 01:10:16; Dark ; 46.5; 99; Del Cen ; 2.58; 26000;occ; 93; 0;46655
 8; 808.8; 01-FEB-2011 01:13:58; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;46655
 9; 1072.2; 01-FEB-2011 01:18:22; Dark ; 45.5; 65; Lam Vel ; 2.20; 4400;occ; 91; 0;46655
 10; 1457.7; 01-FEB-2011 01:24:47; Dark ; 43.0; 132; 15Rho Pup ; 2.80; 6900;occ; 86; 0;46655
 11; 1730.7; 01-FEB-2011 01:29:20; Dark ; 47.0; 48; 30Alp Hya ; 1.98; 4100;occ; 94; 0;46655
 12; 1980.4; 01-FEB-2011 01:33:30; Dark ; 48.5; 8; 10Alp CMi ; 0.40; 6500;occ; 97; 0;46655
 13; 2379.1; 01-FEB-2011 01:40:09; Bright; 42.5; 17; 78Bet Gem ; 1.16; 4500;occ; 85; 0;46655
 14; 3264.1; 01-FEB-2011 01:54:54; Bright; 44.5; 36; 50Alp UMa ; 1.80; 6300;occ; 89; 0;46655
 15; 3593.4; 01-FEB-2011 02:00:23; Bright; 40.5; 60; 7Bet UMi ; 2.08; 3950;occ; 81; 0;46655
 16; 3875.8; 01-FEB-2011 02:05:05; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;46655
 17; 4066.7; 01-FEB-2011 02:08:16; Bright; 37.5; 130; 23Bet Dra ; 2.80; 5800;occ; 75; 0;46655
 18; 4465.4; 01-FEB-2011 02:14:55; Bright; 63.0; 133; 40Zet Her ; 2.81; 6000;occ; 126; 0;46655
 19; 4682.8; 01-FEB-2011 02:18:32; Bright; 47.0; 127; 27Bet Her ; 2.78; 4700;occ; 94; 0;46655
 20; 4903.9; 01-FEB-2011 02:22:13; Bright; 53.5; 126; 60Bet Oph ; 2.77; 4250;occ; 107; 0;46655

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20110201_022842_000040273099_00089_46655_2202.N1

1; -721.9; 01-FEB-2011 02:28:42; Dark ; 44.5; 86; 35Eta Oph ; 2.43; 10200;occ; 89; 0;46655
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 3; -117.1; 01-FEB-2011 02:38:46; Dark ; 45.5; 131; Gam Lup ; 2.80; 26000;occ; 91; 0;46655
 4; 16.4; 01-FEB-2011 02:41:00; Dark ; 44.0; 109; Bet Lup ; 2.68; 26000;occ; 88; 0;46656
 5; 110.5; 01-FEB-2011 02:42:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46656
 6; 263.8; 01-FEB-2011 02:45:07; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;46656
 7; 466.5; 01-FEB-2011 02:48:30; Dark ; 41.0; 12; Alp1Cru ; 0.77; 30000;occ; 82; 0;46656
 8; 587.9; 01-FEB-2011 02:50:31; Dark ; 46.0; 99; Del Cen ; 2.58; 26000;occ; 92; 0;46656
 9; 809.5; 01-FEB-2011 02:54:13; Dark ; 50.0; 113; Mu Vel ; 2.69; 5000;occ; 100; 0;46656
 10; 1072.7; 01-FEB-2011 02:58:36; Dark ; 47.0; 65; Lam Vel ; 2.20; 4400;occ; 94; 0;46656
 11; 1458.0; 01-FEB-2011 03:05:01; Dark ; 40.5; 132; 15Rho Pup ; 2.80; 6900;occ; 81; 0;46656
 12; 1730.8; 01-FEB-2011 03:09:34; Dark ; 53.0; 48; 30Alp Hya ; 1.98; 4100;occ; 106; 0;46656
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 3; -1947.4; 01-FEB-2011 03:48:30; Bright; 55.0; 130; 23Bet Dra ; 2.80; 5800;occ; 110; 0;46656
 4; -1548.3; 01-FEB-2011 03:55:09; Bright; 63.0; 133; 40Zet Her ; 2.81; 6000;occ; 126; 0;46656
 5; -1330.7; 01-FEB-2011 03:58:47; Bright; 67.0; 127; 27Bet Her ; 2.78; 4700;occ; 134; 0;46656
 6; -1109.8; 01-FEB-2011 04:02:28; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46656
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 11; 17.4; 01-FEB-2011 04:21:15; Dark ; 45.0; 109; Bet Lup ; 2.68; 26000;occ; 90; 0;46657
 12; 111.2; 01-FEB-2011 04:22:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46657
 13; 264.4; 01-FEB-2011 04:25:22; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;46657
 14; 467.0; 01-FEB-2011 04:28:44; Dark ; 52.0; 12; Alp1Cru ; 0.77; 30000;occ; 104; 0;46657
 15; 588.8; 01-FEB-2011 04:30:46; Dark ; 45.0; 99; Del Cen ; 2.58; 26000;occ; 90; 0;46657
 16; 809.9; 01-FEB-2011 04:34:27; Dark ; 43.5; 113; Mu Vel ; 2.69; 5000;occ; 87; 0;46657
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 18; 1458.1; 01-FEB-2011 04:45:16; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;46657
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 21; 2378.8; 01-FEB-2011 05:00:36; Bright; 41.5; 17; 78Bet Gem ; 1.16; 4500;occ; 83; 0;46657
 22; 3262.9; 01-FEB-2011 05:15:20; Bright; 48.0; 36; 50Alp UMa ; 1.80; 6300;occ; 96; 0;46657
 23; 3593.0; 01-FEB-2011 05:20:51; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;46657

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 5; -1109.4; 01-FEB-2011 05:42:42; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46657
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11; 111.9; 01-FEB-2011 06:03:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46658
12; 265.0; 01-FEB-2011 06:05:37; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;46658
13; 467.6; 01-FEB-2011 06:08:59; Dark ; 42.5; 12; Alp1Cru ; 0.77; 30000;occ; 85; 0;46658
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15; 810.5; 01-FEB-2011 06:14:42; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;46658
16; 1073.2; 01-FEB-2011 06:19:05; Dark ; 44.5; 65; Lam Vel ; 2.20; 4400;occ; 89; 0;46658
17; 1458.4; 01-FEB-2011 06:25:30; Dark ; 40.5; 132; 15Rho Pup ; 2.80; 6900;occ; 81; 0;46658
18; 1730.7; 01-FEB-2011 06:30:02; Dark ; 59.0; 48; 30Alp Hya ; 1.98; 4100;occ; 118; 0;46658
19; 1980.6; 01-FEB-2011 06:34:12; Dark ; 50.0; 8; 10Alp CMi ; 0.40; 6500;occ; 100; 0;46658
20; 2378.9; 01-FEB-2011 06:40:50; Bright; 41.5; 17; 78Bet Gem ; 1.16; 4500;occ; 83; 0;46658
21; 3262.1; 01-FEB-2011 06:55:34; Bright; 44.5; 36; 50Alp UMa ; 1.80; 6300;occ; 89; 0;46658
22; 3592.7; 01-FEB-2011 07:01:04; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;46658
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5; 3256.8; 01-FEB-2011 20:17:21; Bright; 58.0; 36; 50Alp UMa ; 1.80; 6300;occ; 116; 0;46666
6; 3590.8; 01-FEB-2011 20:22:55; Bright; 40.5; 60; 7Bet UMi ; 2.08; 3950;occ; 81; 0;46666
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8; 4066.3; 01-FEB-2011 20:30:50; Bright; 55.0; 130; 23Bet Dra ; 2.80; 5800;occ; 110; 0;46666
9; 4467.0; 01-FEB-2011 20:37:31; Bright; 63.0; 133; 40Zet Her ; 2.81; 6000;occ; 126; 0;46666
10; 4686.6; 01-FEB-2011 20:41:10; Bright; 68.0; 127; 27Bet Her ; 2.78; 4700;occ; 136; 0;46666
11; 4907.4; 01-FEB-2011 20:44:51; Bright; 54.5; 126; 60Bet Oph ; 2.77; 4250;occ; 109; 0;46666
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6; 118.2; 01-FEB-2011 21:05:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46667
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8; 472.2; 01-FEB-2011 21:11:10; Dark ; 44.0; 12; Alp1Cru ; 0.77; 30000;occ; 88; 0;46667
9; 596.3; 01-FEB-2011 21:13:14; Dark ; 45.0; 99; Del Cen ; 2.58; 26000;occ; 90; 0;46667
10; 815.8; 01-FEB-2011 21:16:54; Dark ; 49.5; 113; Mu Vel ; 2.69; 5000;occ; 99; 0;46667
11; 1076.3; 01-FEB-2011 21:21:14; Dark ; 47.0; 65; Lam Vel ; 2.20; 4400;occ; 94; 0;46667
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16; 3590.5; 01-FEB-2011 22:03:08; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;46667
17; 3873.5; 01-FEB-2011 22:07:51; Bright; 59.0; 119; 14Eta Dra ; 2.73; 4700;occ; 118; 0;46667
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20; 4686.8; 01-FEB-2011 22:21:25; Bright; 68.0; 127; 27Bet Her ; 2.78; 4700;occ; 136; 0;46667
21; 4907.7; 01-FEB-2011 22:25:05; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46667
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11; 19.1; 01-FEB-2011 07:41:45; Dark ; 45.0; 109; Bet Lup ; 2.68; 26000;occ; 90; 0;46659
12; 112.6; 01-FEB-2011 07:43:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46659
13; 265.5; 01-FEB-2011 07:45:51; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;46659
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6; 3874.8; 01-FEB-2011 08:46:00; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;46659
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17; 6280.2; 01-FEB-2011 09:26:06; Dark ; 47.0; 10; Bet Cen ; 0.61; 28000;occ; 94; 0;46660
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6; 3874.6; 01-FEB-2011 10:26:14; Bright; 58.0; 119; 14Eta Dra ; 2.73; 4700;occ; 116; 0;46660
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21; 3253.7; 02-FEB-2011 04:38:27; Bright; 46.5; 36; 50Alp UMa ; 1.80; 6300;occ; 93; 0;46671
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5; 206.9; 02-FEB-2011 23:50:29; Dark ; 55.0; 4; Alp1Cen ; -0.01; 5800;occ; 110; 0;46683
6; 279.8; 02-FEB-2011 23:51:42; Dark ; 51.5; 10; Bet Cen ; 0.61; 28000;occ; 103; 0;46683
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12; 283.0; 03-FEB-2011 08:12:55; Dark ; 52.0; 10; Bet Cen ; 0.61; 28000;occ; 104; 0;46688
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5; 3869.6; 03-FEB-2011 09:12:42; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;46688
6; 4066.0; 03-FEB-2011 09:15:58; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;46688
7; 4470.0; 03-FEB-2011 09:22:42; Bright; 43.0; 133; 40Zet Her ; 2.81; 6000;occ; 86; 0;46688
8; 4694.2; 03-FEB-2011 09:26:26; Bright; 49.5; 127; 27Bet Her ; 2.78; 4700;occ; 99; 0;46688
9; 4914.8; 03-FEB-2011 09:30:07; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46688
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 3; 3241.6; 03-FEB-2011 10:42:28; Bright; 46.5; 36; 50Alp UMa ; 1.80; 6300;occ; 93; 0;46689
 4; 3584.9; 03-FEB-2011 10:48:11; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;46689
 5; 3869.2; 03-FEB-2011 10:52:55; Bright; 42.0; 119; 14Eta Dra ; 2.73; 4700;occ; 84; 0;46689
 6; 4065.8; 03-FEB-2011 10:56:12; Bright; 38.5; 130; 23Bet Dra ; 2.80; 5800;occ; 77; 0;46689
 7; 4470.0; 03-FEB-2011 11:02:56; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;46689
 8; 4694.6; 03-FEB-2011 11:06:41; Bright; 69.0; 127; 27Bet Her ; 2.78; 4700;occ; 138; 0;46689
 9; 4915.1; 03-FEB-2011 11:10:21; Bright; 55.0; 126; 60Bet Oph ; 2.77; 4250;occ; 110; 0;46689
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 11; 5574.9; 03-FEB-2011 11:21:21; Dark ; 51.5; 16; 21Alp Sco ; 1.02; 3000;occ; 103; 0;46689
 12; 5665.8; 03-FEB-2011 11:22:52; Dark ; 48.0; 158; 6Pi Sco ; 2.91; 28000;occ; 96; 0;46689
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 16; 6298.0; 03-FEB-2011 11:33:24; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;46690
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 19; 6843.2; 03-FEB-2011 11:42:29; Dark ; 49.5; 113; Mu Vel ; 2.69; 5000;occ; 99; 0;46690
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 19; 6843.8; 03-FEB-2011 13:22:44; Dark ; 42.5; 113; Mu Vel ; 2.69; 5000;occ; 85; 0;46691
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 3; -70.2; 05-FEB-2011 00:12:38; Dark ; 43.5; 131; Gam Lup ; 2.80; 26000;occ; 87; 0;46711
 4; 150.5; 05-FEB-2011 00:16:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46712
 5; 297.2; 05-FEB-2011 00:18:45; Dark ; 40.0; 10; Bet Cen ; 0.61; 28000;occ; 80; 0;46712
 6; 496.1; 05-FEB-2011 00:22:04; Dark ; 43.5; 12; Alp1Cru ; 0.77; 30000;occ; 87; 0;46712
 7; 630.8; 05-FEB-2011 00:24:19; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;46712
 8; 841.4; 05-FEB-2011 00:27:50; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;46712
 9; 1091.6; 05-FEB-2011 00:32:00; Dark ; 44.0; 65; Lam Vel ; 2.20; 4400;occ; 88; 0;46712
 10; 1727.7; 05-FEB-2011 00:42:36; Dark ; 54.5; 48; 30Alp Hya ; 1.98; 4100;occ; 109; 0;46712
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 12; 3226.6; 05-FEB-2011 01:07:35; Bright; 44.5; 36; 50Alp UMa ; 1.80; 6300;occ; 89; 0;46712
 13; 3578.8; 05-FEB-2011 01:13:27; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;46712
 14; 3864.6; 05-FEB-2011 01:18:13; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;46712
 15; 4064.9; 05-FEB-2011 01:21:33; Bright; 56.0; 130; 23Bet Dra ; 2.80; 5800;occ; 112; 0;46712
 16; 4473.2; 05-FEB-2011 01:28:21; Bright; 46.0; 133; 40Zet Her ; 2.81; 6000;occ; 92; 0;46712
 17; 4703.2; 05-FEB-2011 01:32:11; Bright; 49.5; 127; 27Bet Her ; 2.78; 4700;occ; 99; 0;46712
 18; 4923.2; 05-FEB-2011 01:35:51; Bright; 38.5; 126; 60Bet Oph ; 2.77; 4250;occ; 77; 0;46712

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 3; 151.3; 05-FEB-2011 01:56:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46713
 4; 298.0; 05-FEB-2011 01:59:00; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;46713
 5; 496.8; 05-FEB-2011 02:02:19; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;46713
 6; 631.7; 05-FEB-2011 02:04:34; Dark ; 44.5; 99; Del Cen ; 2.58; 26000;occ; 89; 0;46713
 7; 842.0; 05-FEB-2011 02:08:04; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;46713
 8; 1092.0; 05-FEB-2011 02:12:14; Dark ; 48.5; 65; Lam Vel ; 2.20; 4400;occ; 97; 0;46713
 9; 1727.6; 05-FEB-2011 02:22:50; Dark ; 54.0; 48; 30Alp Hya ; 1.98; 4100;occ; 108; 0;46713
 10; 2373.1; 05-FEB-2011 02:33:35; Bright; 41.0; 17; 78Bet Gem ; 1.16; 4500;occ; 82; 0;46713
 11; 3226.0; 05-FEB-2011 02:47:48; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;46713
 12; 3578.6; 05-FEB-2011 02:53:41; Bright; 10.5; 60; 7Bet UMi ; 2.08; 3950;occ; 21; 0;46713

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 3; -1949.1; 05-FEB-2011 03:01:47; Bright; 54.0; 130; 23Bet Dra ; 2.80; 5800;occ; 108; 0;46713
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 5; -1310.4; 05-FEB-2011 03:12:26; Bright; 50.5; 127; 27Bet Her ; 2.78; 4700;occ; 101; 0;46713
 6; -1090.5; 05-FEB-2011 03:16:06; Bright; 56.0; 126; 60Bet Oph ; 2.77; 4250;occ; 112; 0;46713
 7; -690.3; 05-FEB-2011 03:22:46; Dark ; 43.5; 86; 35Eta Oph ; 2.43; 10200;occ; 87; 0;46713
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 9; -324.2; 05-FEB-2011 03:28:52; Dark ; 48.0; 158; 6Pi Sco ; 2.91; 28000;occ; 96; 0;46713
 10; -68.2; 05-FEB-2011 03:33:08; Dark ; 46.0; 131; Gam Lup ; 2.80; 26000;occ; 92; 0;46713
 11; 152.0; 05-FEB-2011 03:36:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46714
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 13; 497.2; 05-FEB-2011 03:42:33; Dark ; 49.5; 12; Alp1Cru ; 0.77; 30000;occ; 99; 0;46714
 14; 632.8; 05-FEB-2011 03:44:49; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;46714
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17; 1727.7; 05-FEB-2011 04:03:04; Dark ; 55.5; 48; 30Alp Hya ; 1.98; 4100;occ; 111; 0;46714
18; 2373.1; 05-FEB-2011 04:13:49; Bright; 40.5; 17; 78Bet Gem ; 1.16; 4500;occ; 81; 0;46714
19; 3225.5; 05-FEB-2011 04:28:02; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;46714
20; 3578.6; 05-FEB-2011 04:33:55; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;46714
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 2; -1949.0; 05-FEB-2011 04:42:01; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;46714
 3; -1540.3; 05-FEB-2011 04:48:50; Bright; 66.0; 133; 40Zet Her ; 2.81; 6000;occ; 132; 0;46714
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 5; -1090.1; 05-FEB-2011 04:56:20; Bright; 56.0; 126; 60Bet Oph ; 2.77; 4250;occ; 112; 0;46714
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 7; -419.4; 05-FEB-2011 05:07:31; Dark ; 63.0; 16; 21Alp Sco ; 1.02; 3000;occ; 126; 0;46714
 8; -323.2; 05-FEB-2011 05:09:07; Dark ; 48.0; 158; 6Pi Sco ; 2.91; 28000;occ; 96; 0;46714
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10; 152.7; 05-FEB-2011 05:17:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46715
11; 299.3; 05-FEB-2011 05:19:29; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;46715
12; 497.8; 05-FEB-2011 05:22:48; Dark ; 42.0; 12; Alp1Cru ; 0.77; 30000;occ; 84; 0;46715
13; 633.5; 05-FEB-2011 05:25:04; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;46715
14; 843.2; 05-FEB-2011 05:28:33; Dark ; 43.0; 113; Mu Vel ; 2.69; 5000;occ; 86; 0;46715
15; 1092.6; 05-FEB-2011 05:32:43; Dark ; 43.5; 65; Lam Vel ; 2.20; 4400;occ; 87; 0;46715
16; 1727.8; 05-FEB-2011 05:43:18; Dark ; 56.0; 48; 30Alp Hya ; 1.98; 4100;occ; 112; 0;46715
17; 2373.1; 05-FEB-2011 05:54:03; Bright; 40.0; 17; 78Bet Gem ; 1.16; 4500;occ; 80; 0;46715
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19; 3578.1; 05-FEB-2011 06:14:08; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;46715
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 3; 2372.5; 05-FEB-2011 20:56:09; Bright; 40.0; 17; 78Bet Gem ; 1.16; 4500;occ; 80; 0;46724
 4; 3219.0; 05-FEB-2011 21:10:15; Bright; 46.0; 36; 50Alp UMa ; 1.80; 6300;occ; 92; 0;46724
 5; 3575.7; 05-FEB-2011 21:16:12; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46724
 6; 3862.2; 05-FEB-2011 21:20:59; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;46724
 7; 4064.6; 05-FEB-2011 21:24:21; Bright; 39.5; 130; 23Bet Dra ; 2.80; 5800;occ; 79; 0;46724
 8; 4475.0; 05-FEB-2011 21:31:11; Bright; 67.0; 133; 40Zet Her ; 2.81; 6000;occ; 134; 0;46724
 9; 4707.7; 05-FEB-2011 21:35:04; Bright; 52.5; 127; 27Bet Her ; 2.78; 4700;occ; 105; 0;46724
10; 4927.7; 05-FEB-2011 21:38:44; Bright; 56.5; 126; 60Bet Oph ; 2.77; 4250;occ; 113; 0;46724
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 3; -312.8; 05-FEB-2011 21:51:38; Dark ; 49.5; 158; 6Pi Sco ; 2.91; 28000;occ; 99; 0;46724
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 5; 305.3; 05-FEB-2011 22:01:56; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;46725
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 7; 640.7; 05-FEB-2011 22:07:31; Dark ; 45.5; 99; Del Cen ; 2.58; 26000;occ; 91; 0;46725
 8; 848.5; 05-FEB-2011 22:10:59; Dark ; 42.0; 113; Mu Vel ; 2.69; 5000;occ; 84; 0;46725
 9; 1097.4; 05-FEB-2011 22:15:08; Dark ; 43.0; 65; Lam Vel ; 2.20; 4400;occ; 86; 0;46725
10; 1727.3; 05-FEB-2011 22:25:38; Dark ; 53.0; 48; 30Alp Hya ; 1.98; 4100;occ; 106; 0;46725
11; 2372.4; 05-FEB-2011 22:36:23; Bright; 40.5; 17; 78Bet Gem ; 1.16; 4500;occ; 81; 0;46725
12; 3218.4; 05-FEB-2011 22:50:29; Bright; 45.5; 36; 50Alp UMa ; 1.80; 6300;occ; 91; 0;46725
13; 3575.3; 05-FEB-2011 22:56:26; Bright; 40.5; 60; 7Bet UMi ; 2.08; 3950;occ; 81; 0;46725
14; 3861.9; 05-FEB-2011 23:01:12; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;46725
15; 4064.5; 05-FEB-2011 23:04:35; Bright; 38.5; 130; 23Bet Dra ; 2.80; 5800;occ; 77; 0;46725
16; 4475.1; 05-FEB-2011 23:11:25; Bright; 47.0; 133; 40Zet Her ; 2.81; 6000;occ; 94; 0;46725
17; 4708.1; 05-FEB-2011 23:15:18; Bright; 73.0; 127; 27Bet Her ; 2.78; 4700;occ; 146; 0;46725
18; 4928.1; 05-FEB-2011 23:18:58; Bright; 57.0; 126; 60Bet Oph ; 2.77; 4250;occ; 114; 0;46725
19; 5330.7; 05-FEB-2011 23:25:41; Dark ; 46.0; 86; 35Eta Oph ; 2.43; 10200;occ; 92; 0;46725
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10; 153.4; 05-FEB-2011 06:57:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46716
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13; 5948.5; 05-FEB-2011 08:33:53; Dark ; 44.5; 131; Gam Lup ; 2.80; 26000;occ; 89; 0;46716
14; 6168.2; 05-FEB-2011 08:37:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46717
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13; 5949.5; 05-FEB-2011 10:14:08; Dark ; 43.5; 131; Gam Lup ; 2.80; 26000;occ; 87; 0;46717
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 5; 3860.4; 06-FEB-2011 09:02:35; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;46731
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17; 6523.0; 06-FEB-2011 16:27:53; Dark ; 44.0; 12; Alp1Cru ; 0.77; 30000;occ; 88; 0;46736
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5; 3859.4; 06-FEB-2011 17:23:44; Bright; 43.5; 119; 14Eta Dra ; 2.73; 4700;occ; 87; 0;46736
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7; 683.3; 10-FEB-2011 00:42:00; Dark ; 43.0; 99; Del Cen ; 2.58; 26000;occ; 86; 0;46784
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9; 879.9; 10-FEB-2011 02:25:31; Dark ; 43.0; 113; Mu Vel ; 2.69; 5000;occ; 86; 0;46785
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9; 4961.7; 11-FEB-2011 14:38:26; Bright; 45.0; 126; 60Bet Oph ; 2.77; 4250;occ; 90; 0;46806
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6; 4058.7; 11-FEB-2011 16:03:37; Bright; 40.5; 130; 23Bet Dra ; 2.80; 5800;occ; 81; 0;46807
7; 4303.0; 11-FEB-2011 16:07:42; Bright; 35.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 71; 0;46807
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4; 24.6; 12-FEB-2011 00:57:47; Dark ; 45.0; 131; Gam Lup ; 2.80; 26000;occ; 90; 0;46813
5; 225.7; 12-FEB-2011 01:01:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46813
6; 359.4; 12-FEB-2011 01:03:22; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;46813
7; 548.3; 12-FEB-2011 01:06:31; Dark ; 50.0; 12; Alp1Cru ; 0.77; 30000;occ; 100; 0;46813
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11; 2391.8; 12-FEB-2011 01:37:15; Bright; 44.5; 166; 17Eps Leo ; 2.98; 6000;occ; 89; 0;46813
12; 3109.1; 12-FEB-2011 01:49:12; Bright; 44.5; 82; 48Bet UMa ; 2.37; 10600;occ; 89; 0;46813

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16; 4303.5; 12-FEB-2011 02:09:06; Bright; 35.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 70; 0;46813
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11; 227.2; 12-FEB-2011 04:21:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46815
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5; 3838.5; 12-FEB-2011 12:02:45; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;46819
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14; 556.4; 13-FEB-2011 03:50:23; Dark ; 52.0; 12; Alp1Cru ; 0.77; 30000;occ; 104; 0;46829

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17; 1727.2; 13-FEB-2011 04:09:54; Dark ; 41.5; 48; 30Alp Hya ; 1.98; 4100;occ; 83; 0;46829
18; 2383.3; 13-FEB-2011 04:20:50; Bright; 46.0; 166; 17Eps Leo ; 2.98; 6000;occ; 92; 0;46829
19; 3097.7; 13-FEB-2011 04:32:45; Bright; 45.0; 82; 48Bet UMa ; 2.37; 10600;occ; 90; 0;46829
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 4; -1176.3; 13-FEB-2011 05:01:45; Bright; 46.5; 59; 55Alp Oph ; 2.08; 8900;occ; 93; 0;46829
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 8; -237.4; 13-FEB-2011 05:17:24; Dark ; 28.0; 80; 7Del Sco ; 2.32; 30000;occ; 56; 0;46829
 9; -190.2; 13-FEB-2011 05:18:11; Dark ; 54.0; 158; 6Pi Sco ; 2.91; 28000;occ; 108; 0;46829
10; 41.6; 13-FEB-2011 05:22:03; Dark ; 47.0; 131; Gam Lup ; 2.80; 26000;occ; 94; 0;46830
11; 238.6; 13-FEB-2011 05:25:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46830
12; 369.8; 13-FEB-2011 05:27:31; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;46830
13; 556.8; 13-FEB-2011 05:30:38; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;46830
14; 647.3; 13-FEB-2011 05:32:08; Dark ; 49.0; 64; Gam Cen ; 2.20; 10600;occ; 98; 0;46830
15; 901.9; 13-FEB-2011 05:36:23; Dark ; 43.5; 113; Mu Vel ; 2.69; 5000;occ; 87; 0;46830
16; 1727.3; 13-FEB-2011 05:50:08; Dark ; 41.5; 48; 30Alp Hya ; 1.98; 4100;occ; 83; 0;46830
17; 2383.0; 13-FEB-2011 06:01:04; Bright; 46.0; 166; 17Eps Leo ; 2.98; 6000;occ; 92; 0;46830
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 4; -1175.7; 13-FEB-2011 06:41:59; Bright; 45.0; 59; 55Alp Oph ; 2.08; 8900;occ; 90; 0;46830
 5; -1040.9; 13-FEB-2011 06:44:14; Bright; 45.5; 126; 60Bet Oph ; 2.77; 4250;occ; 91; 0;46830
 6; -610.0; 13-FEB-2011 06:51:25; Dark ; 51.5; 86; 35Eta Oph ; 2.43; 10200;occ; 103; 0;46830
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 9; 42.5; 13-FEB-2011 07:02:18; Dark ; 45.5; 131; Gam Lup ; 2.80; 26000;occ; 91; 0;46831
10; 239.4; 13-FEB-2011 07:05:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46831
11; 370.5; 13-FEB-2011 07:07:46; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;46831
12; 557.4; 13-FEB-2011 07:10:52; Dark ; 51.5; 12; Alp1Cru ; 0.77; 30000;occ; 103; 0;46831
13; 648.5; 13-FEB-2011 07:12:24; Dark ; 45.0; 64; Gam Cen ; 2.20; 10600;occ; 90; 0;46831
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 4; 3545.4; 13-FEB-2011 08:00:40; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;46831
 5; 3835.1; 13-FEB-2011 08:05:30; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46831
 6; 4056.4; 13-FEB-2011 08:09:11; Bright; 41.5; 130; 23Bet Dra ; 2.80; 5800;occ; 83; 0;46831
 7; 4305.3; 13-FEB-2011 08:13:20; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;46831
 8; 4838.6; 13-FEB-2011 08:22:14; Bright; 43.0; 59; 55Alp Oph ; 2.08; 8900;occ; 86; 0;46831
 9; 4973.5; 13-FEB-2011 08:24:29; Bright; 46.5; 126; 60Bet Oph ; 2.77; 4250;occ; 93; 0;46831
10; 5405.0; 13-FEB-2011 08:31:40; Dark ; 50.5; 86; 35Eta Oph ; 2.43; 10200;occ; 101; 0;46831
11; 5701.6; 13-FEB-2011 08:36:37; Dark ; 56.0; 16; 21Alp Sco ; 1.02; 3000;occ; 112; 0;46831
12; 5826.4; 13-FEB-2011 08:38:41; Dark ; 57.0; 158; 6Pi Sco ; 2.91; 28000;occ; 114; 0;46831
13; 6057.5; 13-FEB-2011 08:42:33; Dark ; 48.0; 131; Gam Lup ; 2.80; 26000;occ; 96; 0;46832
14; 6254.1; 13-FEB-2011 08:45:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46832
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16; 6571.9; 13-FEB-2011 08:51:07; Dark ; 50.0; 12; Alp1Cru ; 0.77; 30000;occ; 100; 0;46832
17; 6663.0; 13-FEB-2011 08:52:38; Dark ; 47.5; 64; Gam Cen ; 2.20; 10600;occ; 95; 0;46832
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 2; 3095.4; 13-FEB-2011 09:33:24; Bright; 53.5; 82; 48Bet UMa ; 2.37; 10600;occ; 107; 0;46832
 3; 3544.9; 13-FEB-2011 09:40:54; Bright; 42.5; 60; 7Bet UMi ; 2.08; 3950;occ; 85; 0;46832
 4; 3835.1; 13-FEB-2011 09:45:44; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46832
 5; 4056.3; 13-FEB-2011 09:49:25; Bright; 40.0; 130; 23Bet Dra ; 2.80; 5800;occ; 80; 0;46832
 6; 4305.3; 13-FEB-2011 09:53:34; Bright; 39.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 78; 0;46832
 7; 4839.1; 13-FEB-2011 10:02:28; Bright; 44.5; 59; 55Alp Oph ; 2.08; 8900;occ; 89; 0;46832

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 9; 5405.9; 13-FEB-2011 10:11:55; Dark ; 49.5; 86; 35Eta Oph ; 2.43; 10200;occ; 99; 0;46832
 10; 5702.6; 13-FEB-2011 10:16:52; Dark ; 55.0; 16; 21Alp Sco ; 1.02; 3000;occ; 110; 0;46832
 11; 5827.6; 13-FEB-2011 10:18:57; Dark ; 54.0; 158; 6Pi Sco ; 2.91; 28000;occ; 108; 0;46832
 12; 6058.6; 13-FEB-2011 10:22:48; Dark ; 46.5; 131; Gam Lup ; 2.80; 26000;occ; 93; 0;46833
 13; 6254.9; 13-FEB-2011 10:26:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46833
 14; 6385.7; 13-FEB-2011 10:28:15; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;46833
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 16; 6663.9; 13-FEB-2011 10:32:53; Dark ; 46.0; 64; Gam Cen ; 2.20; 10600;occ; 92; 0;46833
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 3; 3544.7; 13-FEB-2011 11:21:08; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;46833
 4; 3834.5; 13-FEB-2011 11:25:57; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;46833
 5; 4056.2; 13-FEB-2011 11:29:39; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;46833
 6; 4305.5; 13-FEB-2011 11:33:48; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;46833
 7; 4839.5; 13-FEB-2011 11:42:43; Bright; 45.0; 59; 55Alp Oph ; 2.08; 8900;occ; 90; 0;46833
 8; 4974.6; 13-FEB-2011 11:44:58; Bright; 45.5; 126; 60Bet Oph ; 2.77; 4250;occ; 91; 0;46833
 9; 5406.6; 13-FEB-2011 11:52:10; Dark ; 47.5; 86; 35Eta Oph ; 2.43; 10200;occ; 95; 0;46833
 10; 5703.5; 13-FEB-2011 11:57:07; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;46833
 11; 5828.9; 13-FEB-2011 11:59:12; Dark ; 53.0; 158; 6Pi Sco ; 2.91; 28000;occ; 106; 0;46833
 12; 6059.6; 13-FEB-2011 12:03:03; Dark ; 46.0; 131; Gam Lup ; 2.80; 26000;occ; 92; 0;46834
 13; 6255.6; 13-FEB-2011 12:06:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46834
 14; 6386.1; 13-FEB-2011 12:08:29; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;46834
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 3; 3094.1; 13-FEB-2011 12:53:51; Bright; 44.5; 82; 48Bet UMa ; 2.37; 10600;occ; 89; 0;46834
 4; 3544.7; 13-FEB-2011 13:01:22; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;46834
 5; 3834.4; 13-FEB-2011 13:06:11; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46834
 6; 4056.1; 13-FEB-2011 13:09:53; Bright; 41.0; 130; 23Bet Dra ; 2.80; 5800;occ; 82; 0;46834
 7; 4305.5; 13-FEB-2011 13:14:02; Bright; 38.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 77; 0;46834
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 9; 4975.1; 13-FEB-2011 13:25:12; Bright; 46.5; 126; 60Bet Oph ; 2.77; 4250;occ; 93; 0;46834
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 12; 5830.3; 13-FEB-2011 13:39:27; Dark ; 54.5; 158; 6Pi Sco ; 2.91; 28000;occ; 109; 0;46834
 13; 6060.8; 13-FEB-2011 13:43:18; Dark ; 46.0; 131; Gam Lup ; 2.80; 26000;occ; 92; 0;46835
 14; 6256.4; 13-FEB-2011 13:46:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46835
 15; 6386.9; 13-FEB-2011 13:48:44; Dark ; 45.5; 10; Bet Cen ; 0.61; 28000;occ; 91; 0;46835
 16; 6573.3; 13-FEB-2011 13:51:50; Dark ; 43.5; 12; Alp1Cru ; 0.77; 30000;occ; 87; 0;46835
 17; 6665.4; 13-FEB-2011 13:53:22; Dark ; 47.5; 64; Gam Cen ; 2.20; 10600;occ; 95; 0;46835
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 3; 3093.4; 13-FEB-2011 14:34:04; Bright; 46.0; 82; 48Bet UMa ; 2.37; 10600;occ; 92; 0;46835
 4; 3544.1; 13-FEB-2011 14:41:35; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;46835
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 6; 4056.1; 13-FEB-2011 14:50:07; Bright; 41.5; 130; 23Bet Dra ; 2.80; 5800;occ; 83; 0;46835
 7; 4305.8; 13-FEB-2011 14:54:17; Bright; 37.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 74; 0;46835
 8; 4840.4; 13-FEB-2011 15:03:11; Bright; 64.0; 59; 55Alp Oph ; 2.08; 8900;occ; 128; 0;46835
 9; 4975.6; 13-FEB-2011 15:05:27; Bright; 50.5; 126; 60Bet Oph ; 2.77; 4250;occ; 101; 0;46835
 10; 5408.3; 13-FEB-2011 15:12:39; Dark ; 47.5; 86; 35Eta Oph ; 2.43; 10200;occ; 95; 0;46835
 11; 5705.8; 13-FEB-2011 15:17:37; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;46835
 12; 5831.5; 13-FEB-2011 15:19:42; Dark ; 54.5; 158; 6Pi Sco ; 2.91; 28000;occ; 109; 0;46835
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5; 3833.4; 13-FEB-2011 18:06:52; Bright; 43.5; 119; 14Eta Dra ; 2.73; 4700;occ; 87; 0;46837
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7; 4305.9; 13-FEB-2011 18:14:45; Bright; 35.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 71; 0;46837
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5; 3833.1; 13-FEB-2011 19:47:06; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46838
6; 4055.5; 13-FEB-2011 19:50:49; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;46838
7; 4305.9; 13-FEB-2011 19:54:59; Bright; 35.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 70; 0;46838
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13; 6087.4; 15-FEB-2011 09:09:49; Dark ; 48.5; 131; Gam Lup ; 2.80; 26000;occ; 97; 0;46861
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4; 3535.6; 15-FEB-2011 13:27:59; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;46863
5; 3825.6; 15-FEB-2011 13:32:49; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;46863
6; 4052.5; 15-FEB-2011 13:36:36; Bright; 42.0; 130; 23Bet Dra ; 2.80; 5800;occ; 84; 0;46863
7; 4308.2; 15-FEB-2011 13:40:51; Bright; 41.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 83; 0;46863
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9; 4989.9; 15-FEB-2011 13:52:13; Dark ; 52.0; 126; 60Bet Oph ; 2.77; 4250;occ; 104; 0;46863
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13; 6090.4; 15-FEB-2011 14:10:33; Dark ; 47.0; 131; Gam Lup ; 2.80; 26000;occ; 94; 0;46864
14; 6278.6; 15-FEB-2011 14:13:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46864
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4; 3535.4; 15-FEB-2011 15:08:12; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;46864
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6; 4052.7; 15-FEB-2011 15:16:50; Bright; 41.5; 130; 23Bet Dra ; 2.80; 5800;occ; 83; 0;46864
7; 4308.2; 15-FEB-2011 15:21:05; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;46864
8; 4853.7; 15-FEB-2011 15:30:11; Bright; 57.5; 59; 55Alp Oph ; 2.08; 8900;occ; 115; 0;46864
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14; 6279.5; 15-FEB-2011 15:53:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46865
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7; 4308.4; 15-FEB-2011 17:01:19; Bright; 36.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 72; 0;46865
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13; 6092.6; 15-FEB-2011 17:31:04; Dark ; 48.5; 131; Gam Lup ; 2.80; 26000;occ; 97; 0;46866
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17; 6575.1; 15-FEB-2011 17:39:06; Dark ; 52.0; 20; Bet Cru ; 1.25; 30000;occ; 104; 0;46866
18; 6649.4; 15-FEB-2011 17:40:21; Dark ; 41.0; 129; Del Cru ; 2.79; 26000;occ; 82; 0;46866
19; 6753.0; 15-FEB-2011 17:42:04; Dark ; 44.5; 99; Del Cen ; 2.58; 26000;occ; 89; 0;46866
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9; 4854.4; 15-FEB-2011 18:50:40; Bright; 50.0; 59; 55Alp Oph ; 2.08; 8900;occ; 100; 0;46866
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13; 5873.1; 15-FEB-2011 19:07:38; Dark ; 39.0; 158; 6Pi Sco ; 2.91; 28000;occ; 78; 0;46866
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17; 6488.9; 15-FEB-2011 19:17:54; Dark ; 44.0; 77; Eps Cen ; 2.30; 28000;occ; 88; 0;46867
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19; 6649.9; 15-FEB-2011 19:20:35; Dark ; 40.5; 129; Del Cru ; 2.79; 26000;occ; 81; 0;46867
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 6; 3821.8; 16-FEB-2011 09:35:33; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;46875
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 33; 6970.1; 22-FEB-2011 03:27:10; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;46958
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 38; 9519.6; 22-FEB-2011 04:09:39; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;46958

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 8; 4315.4; 22-FEB-2011 09:23:51; Bright; 41.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 83; 0;46961
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 22; 5573.9; 25-FEB-2011 02:53:56; Dark ; 55.0; 86; 35Eta Oph ; 2.43; 10200;occ; 110; 0;47000
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 27; 6589.0; 25-FEB-2011 03:10:51; Dark ; 43.0; 77; Eps Cen ; 2.30; 28000;occ; 86; 0;47001
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 33; 9005.8; 25-FEB-2011 03:51:08; Bright; 42.5; 82; 48Bet UMa ; 2.37; 10600;occ; 85; 0;47001
 34; 9096.1; 25-FEB-2011 03:52:38; Bright; 47.5; 87; 64Gam UMa ; 2.43; 11000;occ; 95; 0;47001

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 22; 4761.6; 25-FEB-2011 22:43:12; Bright; 38.5; 168; 17Zet Aql ; 2.99; 11000;occ; 77; 0;47012
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