

# GOMOS Daily Report 22-DEC-2010

## Level 0 and Level 1 products

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This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM\_TRA\_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	25DEC2010 05:07:37
Data source version	GOMOS/5.01
Start time of products	22DEC2010 00:00:41
Stop time of products	22DEC2010 23:58:00
Store outputs in DB	Yes
Nb of level 1b prods	178
Nb of prods with errors	1

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

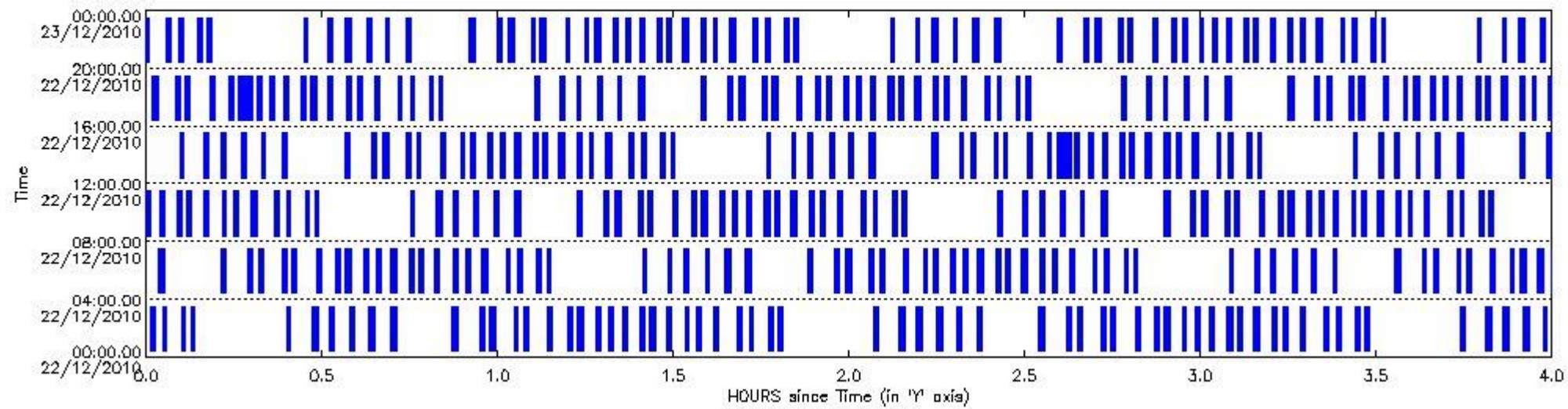
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

No missing products.

### 2.4 Summary of processed GOM\_TRA\_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20101222_000041_000000423097_00361_46065_8322.N1	22-DEC-2010 00:00:41	Bright	41.500	176	23Zet Tau	3.0200	22000.	83	46065	No
2	GOM_TRA_1PNPDE20101222_000245_000000403097_00361_46065_8323.N1	22-DEC-2010 00:02:45	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	46065	No
3	GOM_TRA_1PNPDE20101222_000602_000000423097_00361_46065_8324.N1	22-DEC-2010 00:06:02	Bright	41.500	107	37The Aur	2.6490	11000.	83	46065	No
4	GOM_TRA_1PNPDE20101222_000739_000000413097_00361_46065_8325.N1	22-DEC-2010 00:07:39	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	46065	No
5	GOM_TRA_1PNPDE20101222_002402_000000393097_00361_46065_8326.N1	22-DEC-2010 00:24:02	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46065	No
6	GOM_TRA_1PNPDE20101222_002819_000000653097_00361_46065_8327.N1	22-DEC-2010 00:28:19	Bright	65.000	32	77Eps UMa	1.7630	11000.	130	46065	No
7	GOM_TRA_1PNPDE20101222_003108_000000613097_00361_46065_8328.N1	22-DEC-2010 00:31:08	Bright	61.000	39	85Eta UMa	1.8540	24000.	122	46065	No
8	GOM_TRA_1PNPDE20101222_003443_000000453097_00361_46065_8329.N1	22-DEC-2010 00:34:43	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	46065	No
9	GOM_TRA_1PNPDE20101222_003803_000000563097_00361_46065_8330.N1	22-DEC-2010 00:38:03	Bright	56.000	83		2.3780	11000.	112	46065	No
10	GOM_TRA_1PNPDE20101222_004136_000000653097_00361_46065_8331.N1	22-DEC-2010 00:41:36	Bright	64.500	111	8Eta Boo	2.6800	6000.0	129	46065	No
11	GOM_TRA_1PNPDE20101222_005211_000000553097_00361_46065_8337.N1	22-DEC-2010 00:52:11	Tw_i_and_stray	54.500	15	67Alp Vir	0.97600	28000.	109	46065	No
12	GOM_TRA_1PNPDE20101222_005651_000000483097_00361_46065_8338.N1	22-DEC-2010 00:56:51	Dark	47.500	54	5The Cen	2.0550	4500.0	95	46065	No

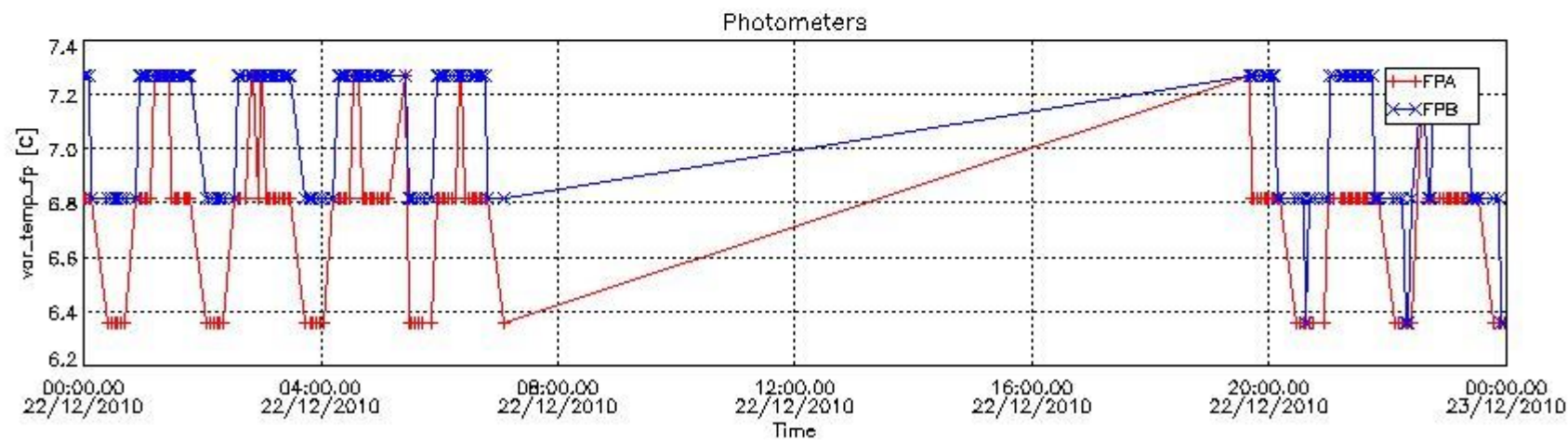
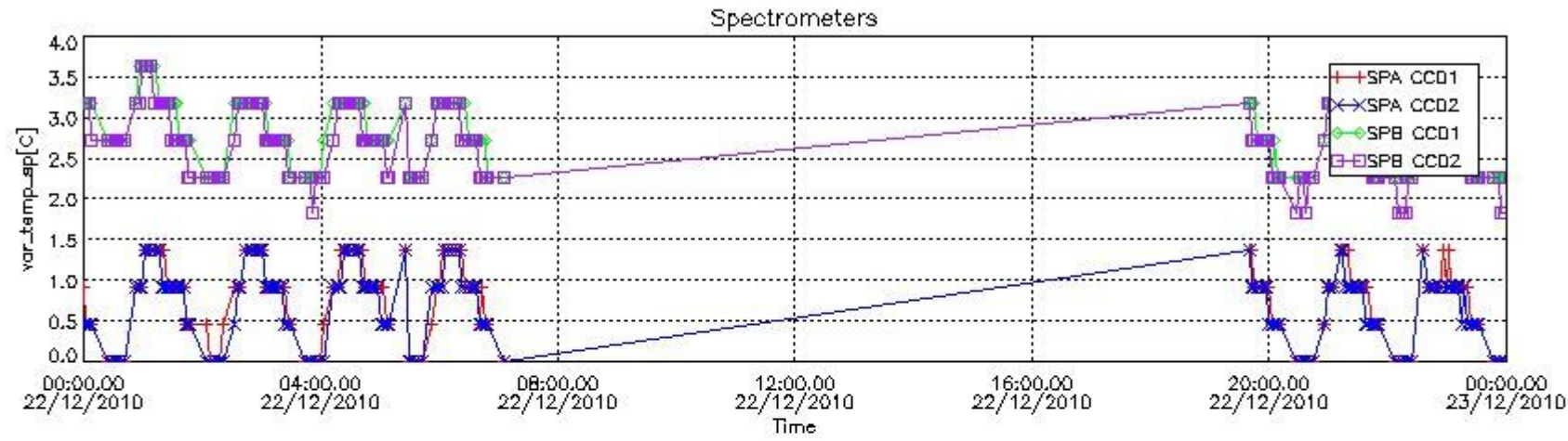
13	GOM_TRA_1PNPDE20101222_005841_000000563097_00361_46065_8339.N1	22-DEC-2010 00:58:41	Dark	55.500	106	9Bet Crv	2.6480	5600.0	111	46065	No
14	GOM_TRA_1PNPDE20101222_010246_000000433097_00361_46065_8340.N1	22-DEC-2010 01:02:46	Dark	43.000	64	Gam Cen	2.2000	10600.	86	46065	No
15	GOM_TRA_1PNPDE20101222_010426_000000563097_00362_46066_8341.N1	22-DEC-2010 01:04:26	Dark	56.000	26	Gam Cru	1.6240	2900.0	112	46066	No
16	GOM_TRA_1PNPDE20101222_010834_000000473097_00362_46066_8342.N1	22-DEC-2010 01:08:34	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46066	No
17	GOM_TRA_1PNPDE20101222_011155_000000433097_00362_46066_8343.N1	22-DEC-2010 01:11:55	Dark	43.000	71	lot Car	2.2460	7700.0	86	46066	No
18	GOM_TRA_1PNPDE20101222_011639_000000523097_00362_46066_8344.N1	22-DEC-2010 01:16:39	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	46066	No
19	GOM_TRA_1PNPDE20101222_011849_000000473097_00362_46066_8345.N1	22-DEC-2010 01:18:49	Dark	46.500	70	Zet Pup	2.2460	39000.	93	46066	No
20	GOM_TRA_1PNPDE20101222_012116_000000513097_00362_46066_8346.N1	22-DEC-2010 01:21:16	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	46066	No
21	GOM_TRA_1PNPDE20101222_012419_000000533097_00362_46066_8347.N1	22-DEC-2010 01:24:19	Straylight	53.000	23	21Eps CMa	1.5020	26000.	106	46066	No
22	GOM_TRA_1PNPDE20101222_012600_000000513097_00362_46066_8348.N1	22-DEC-2010 01:26:00	Straylight	50.500	179	24Omi2CMa	3.0320	24000.	101	46066	No
23	GOM_TRA_1PNPDE20101222_012845_000000603097_00362_46066_8349.N1	22-DEC-2010 01:28:45	Straylight	59.500	1	9Alp CMa	-1.4400	11000.	119	46066	No
24	GOM_TRA_1PNPDE20101222_013156_000000463097_00362_46066_8350.N1	22-DEC-2010 01:31:56	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	46066	No
25	GOM_TRA_1PNPDE20101222_013400_000000463097_00362_46066_8351.N1	22-DEC-2010 01:34:00	Straylight	46.000	30	46Eps Ori	1.6940	30000.	92	46066	No
26	GOM_TRA_1PNPDE20101222_013651_000000573097_00362_46066_8352.N1	22-DEC-2010 01:36:51	Tw_i_and_stray	56.500	14	58Alp Ori	0.87000	3000.0	113	46066	No
27	GOM_TRA_1PNPDE20101222_014055_000000423097_00362_46066_8353.N1	22-DEC-2010 01:40:55	Bright	41.500	176	23Zet Tau	3.0200	22000.	83	46066	No
28	GOM_TRA_1PNPDE20101222_014259_000000423097_00362_46066_8354.N1	22-DEC-2010 01:42:59	Bright	42.000	28	12Bet Tau	1.6500	15200.	84	46066	No
29	GOM_TRA_1PNPDE20101222_014615_000000413097_00362_46066_8355.N1	22-DEC-2010 01:46:15	Bright	41.000	107	37The Aur	2.6490	11000.	82	46066	No
30	GOM_TRA_1PNPDE20101222_014753_000000453097_00362_46066_8356.N1	22-DEC-2010 01:47:53	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	46066	No
31	GOM_TRA_1PNPDE20101222_020416_000000393097_00362_46066_8357.N1	22-DEC-2010 02:04:16	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46066	No
32	GOM_TRA_1PNPDE20101222_020833_000000653097_00362_46066_8358.N1	22-DEC-2010 02:08:33	Bright	65.000	32	77Eps UMa	1.7630	11000.	130	46066	No
33	GOM_TRA_1PNPDE20101222_021122_000000613097_00362_46066_8359.N1	22-DEC-2010 02:11:22	Bright	61.000	39	85Eta UMa	1.8540	24000.	122	46066	No
34	GOM_TRA_1PNPDE20101222_021457_000000573097_00362_46066_8360.N1	22-DEC-2010 02:14:57	Bright	57.000	180	27Gam Boo	3.0400	8000.0	114	46066	No
35	GOM_TRA_1PNPDE20101222_021817_000000563097_00362_46066_8361.N1	22-DEC-2010 02:18:17	Bright	56.000	83		2.3780	11000.	112	46066	No
36	GOM_TRA_1PNPDE20101222_022150_000000453097_00362_46066_8362.N1	22-DEC-2010 02:21:50	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	46066	No
37	GOM_TRA_1PNPDE20101222_023226_000000543097_00362_46066_8361.N1	22-DEC-2010 02:32:26	Tw_i_and_stray	53.500	15	67Alp Vir	0.97600	28000.	107	46066	No
38	GOM_TRA_1PNPDE20101222_023706_000000553097_00362_46066_8362.N1	22-DEC-2010 02:37:06	Dark	55.000	54	5The Cen	2.0550	4500.0	110	46066	No
39	GOM_TRA_1PNPDE20101222_023856_000000573097_00362_46066_8363.N1	22-DEC-2010 02:38:56	Dark	57.000	106	9Bet Crv	2.6480	5600.0	114	46066	No
40	GOM_TRA_1PNPDE20101222_024301_000000423097_00362_46066_8364.N1	22-DEC-2010 02:43:01	Dark	42.000	64	Gam Cen	2.2000	10600.	84	46066	No
41	GOM_TRA_1PNPDE20101222_024441_000000453097_00363_46067_8365.N1	22-DEC-2010 02:44:41	Dark	45.000	26	Gam Cru	1.6240	2900.0	90	46067	No
42	GOM_TRA_1PNPDE20101222_024849_000000483097_00363_46067_8366.N1	22-DEC-2010 02:48:49	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46067	No
43	GOM_TRA_1PNPDE20101222_025210_000000423097_00363_46067_8367.N1	22-DEC-2010 02:52:10	Dark	42.000	71	lot Car	2.2460	7700.0	84	46067	No
44	GOM_TRA_1PNPDE20101222_025654_000000443097_00363_46067_8368.N1	22-DEC-2010 02:56:54	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	46067	No
45	GOM_TRA_1PNPDE20101222_025904_000000513097_00363_46067_8369.N1	22-DEC-2010 02:59:04	Dark	51.000	70	Zet Pup	2.2460	39000.	102	46067	No
46	GOM_TRA_1PNPDE20101222_030131_000000523097_00363_46067_8370.N1	22-DEC-2010 03:01:31	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	46067	No
47	GOM_TRA_1PNPDE20101222_030433_000000553097_00363_46067_8371.N1	22-DEC-2010 03:04:33	Straylight	55.000	23	21Eps CMa	1.5020	26000.	110	46067	No
48	GOM_TRA_1PNPDE20101222_030614_000000493097_00363_46067_8372.N1	22-DEC-2010 03:06:14	Straylight	49.000	179	24Omi2CMa	3.0320	24000.	98	46067	No
49	GOM_TRA_1PNPDE20101222_030900_000000653097_00363_46067_8373.N1	22-DEC-2010 03:09:00	Straylight	64.500	1	9Alp CMa	-1.4400	11000.	129	46067	No
50	GOM_TRA_1PNPDE20101222_031210_000000493097_00363_46067_8374.N1	22-DEC-2010 03:12:10	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	46067	No
51	GOM_TRA_1PNPDE20101222_031414_000000473097_00363_46067_8375.N1	22-DEC-2010 03:14:14	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	46067	No
52	GOM_TRA_1PNPDE20101222_031704_000000543097_00363_46067_8376.N1	22-DEC-2010 03:17:04	Tw_i_and_stray	53.500	14	58Alp Ori	0.87000	3000.0	107	46067	No
53	GOM_TRA_1PNPDE20101222_032109_000000423097_00363_46067_8377.N1	22-DEC-2010 03:21:09	Bright	42.000	176	23Zet Tau	3.0200	22000.	84	46067	No
54	GOM_TRA_1PNPDE20101222_032312_000000433097_00363_46067_8378.N1	22-DEC-2010 03:23:12	Bright	42.500	28	12Bet Tau	1.6500	15200.	85	46067	No
55	GOM_TRA_1PNPDE20101222_032629_000000423097_00363_46067_8379.N1	22-DEC-2010 03:26:29	Bright	42.000	107	37The Aur	2.6490	11000.	84	46067	No
56	GOM_TRA_1PNPDE20101222_032807_000000433097_00363_46067_8380.N1	22-DEC-2010 03:28:07	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	46067	No
57	GOM_TRA_1PNPDE20101222_034430_000000393097_00363_46067_8376.N1	22-DEC-2010 03:44:30	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46067	No
58	GOM_TRA_1PNPDE20101222_034847_000000653097_00363_46067_8377.N1	22-DEC-2010 03:48:47	Bright	65.000	32	77Eps UMa	1.7630	11000.	130	46067	No
59	GOM_TRA_1PNPDE20101222_035136_000000613097_00363_46067_8378.N1	22-DEC-2010 03:51:36	Bright	61.000	39	85Eta UMa	1.8540	24000.	122	46067	No
60	GOM_TRA_1PNPDE20101222_035511_000000573097_00363_46067_8379.N1	22-DEC-2010 03:55:11	Bright	57.000	180	27Gam Boo	3.0400	8000.0	114	46067	No
61	GOM_TRA_1PNPDE20101222_035832_000000403097_00363_46067_8380.N1	22-DEC-2010 03:58:32	Bright	40.000	83		2.3780	11000.	80	46067	No
62	GOM_TRA_1PNPDE20101222_040204_000000563097_00363_46067_8381.N1	22-DEC-2010 04:02:04	Bright	55.500	111	8Eta Boo	2.6800	6000.0	111	46067	No
63	GOM_TRA_1PNPDE20101222_041241_000000563097_00363_46067_8382.N1	22-DEC-2010 04:12:41	Tw_i_and_stray	55.500	15	67Alp Vir	0.97600	28000.	111	46067	No
64	GOM_TRA_1PNPDE20101222_041720_000000463097_00363_46067_8383.N1	22-DEC-2010 04:17:20	Dark	45.500	54	5The Cen	2.0550	4500.0	91	46067	No
65	GOM_TRA_1PNPDE20101222_041911_000000553097_00363_46067_8384.N1	22-DEC-2010 04:19:11	Dark	54.500	106	9Bet Crv	2.6480	5600.0	109	46067	No
66	GOM_TRA_1PNPDE20101222_042315_000000433097_00363_46067_8385.N1	22-DEC-2010 04:23:15	Dark	43.000	64	Gam Cen	2.2000	10600.	86	46067	No
67	GOM_TRA_1PNPDE20101222_042455_000000453097_00364_46068_8386.N1	22-DEC-2010 04:24:55	Dark	44.500	26	Gam Cru	1.6240	2900.0	89	46068	No
68	GOM_TRA_1PNPDE20101222_042904_000000463097_00364_46068_8387.N1	22-DEC-2010 04:29:04	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46068	No
69	GOM_TRA_1PNPDE20101222_043224_000000483097_00364_46068_8388.N1	22-DEC-2010 04:32:24	Dark	47.500	71	lot Car	2.2460	7700.0	95	46068	No
70	GOM_TRA_1PNPDE20101222_043708_000000533097_00364_46068_8389.N1	22-DEC-2010 04:37:08	Dark	53.000	34	Gam2Vel	1.7930	23000.	106	46068	No
71	GOM_TRA_1PNPDE20101222_043918_000000483097_00364_46068_8390.N1	22-DEC-2010 04:39:18	Dark	47.500	70	Zet Pup	2.2460	39000.	95	46068	No



72	GOM_TRA_1PNPDE20101222_044145_000000543097_00364_46068_8391.N1	22-DEC-2010 04:41:45	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	46068	No
73	GOM_TRA_1PNPDE20101222_044448_000000523097_00364_46068_8392.N1	22-DEC-2010 04:44:48	Straylight	52.000	23	21Eps CMa	1.5020	26000.	104	46068	No
74	GOM_TRA_1PNPDE20101222_044628_000000513097_00364_46068_8393.N1	22-DEC-2010 04:46:28	Straylight	50.500	179	24Omi2CMa	3.0320	24000.	101	46068	No
75	GOM_TRA_1PNPDE20101222_044914_000000533097_00364_46068_8394.N1	22-DEC-2010 04:49:14	Straylight	53.000	1	9Alp CMa	-1.4400	11000.	106	46068	No
76	GOM_TRA_1PNPDE20101222_045224_000000543097_00364_46068_8395.N1	22-DEC-2010 04:52:24	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	46068	No
77	GOM_TRA_1PNPDE20101222_045428_000000483097_00364_46068_8396.N1	22-DEC-2010 04:54:28	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	46068	No
78	GOM_TRA_1PNPDE20101222_045718_000000533097_00364_46068_8397.N1	22-DEC-2010 04:57:18	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	46068	No
79	GOM_TRA_1PNPDE20101222_050122_000000413097_00364_46068_8398.N1	22-DEC-2010 05:01:22	Bright	41.000	176	23Zet Tau	3.0200	22000.	82	46068	No
80	GOM_TRA_1PNPDE20101222_050326_000000413097_00364_46068_8399.N1	22-DEC-2010 05:03:26	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	46068	No
81	GOM_TRA_1PNPDE20101222_050642_000000423097_00364_46068_8400.N1	22-DEC-2010 05:06:42	Bright	42.000	107	37The Aur	2.6490	11000.	84	46068	No
82	GOM_TRA_1PNPDE20101222_050821_000000433097_00364_46068_8401.N1	22-DEC-2010 05:08:21	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	46068	No
83	GOM_TRA_1PNPDE20101222_052444_000000403097_00364_46068_8397.N1	22-DEC-2010 05:24:44	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46068	No
84	GOM_TRA_1PNPDE20101222_052900_000000463097_00364_46068_8398.N1	22-DEC-2010 05:29:00	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	46068	No
85	GOM_TRA_1PNPDE20101222_053150_000000433097_00364_46068_8399.N1	22-DEC-2010 05:31:50	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	46068	No
86	GOM_TRA_1PNPDE20101222_053525_000000383097_00364_46068_8400.N1	22-DEC-2010 05:35:25	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	46068	No
87	GOM_TRA_1PNPDE20101222_053846_000000573097_00364_46068_8401.N1	22-DEC-2010 05:38:46	Bright	57.000	83		2.3780	11000.	114	46068	No
88	GOM_TRA_1PNPDE20101222_054219_000000653097_00364_46068_8402.N1	22-DEC-2010 05:42:19	Bright	65.000	111	8Eta Boo	2.6800	6000.0	130	46068	No
89	GOM_TRA_1PNPDE20101222_055256_000000563097_00364_46068_8403.N1	22-DEC-2010 05:52:56	Tw_i_and_stray	55.500	15	67Alp Vir	0.97600	28000.	111	46068	No
90	GOM_TRA_1PNPDE20101222_055735_000000453097_00364_46068_8404.N1	22-DEC-2010 05:57:35	Dark	44.500	54	5The Cen	2.0550	4500.0	89	46068	No
91	GOM_TRA_1PNPDE20101222_055927_000000603097_00364_46068_8405.N1	22-DEC-2010 05:59:27	Dark	59.500	106	9Bet Crv	2.6480	5600.0	119	46068	No
92	GOM_TRA_1PNPDE20101222_060330_000000423097_00364_46068_8406.N1	22-DEC-2010 06:03:30	Dark	41.500	64	Gam Cen	2.2000	10600.	83	46068	No
93	GOM_TRA_1PNPDE20101222_060510_000000563097_00365_46069_8407.N1	22-DEC-2010 06:05:10	Dark	56.000	26	Gam Cru	1.6240	2900.0	112	46069	No
94	GOM_TRA_1PNPDE20101222_060919_000000473097_00365_46069_8408.N1	22-DEC-2010 06:09:19	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46069	No
95	GOM_TRA_1PNPDE20101222_061239_000000463097_00365_46069_8409.N1	22-DEC-2010 06:12:39	Dark	45.500	71	lot Car	2.2460	7700.0	91	46069	No
96	GOM_TRA_1PNPDE20101222_061723_000000483097_00365_46069_8410.N1	22-DEC-2010 06:17:23	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	46069	No
97	GOM_TRA_1PNPDE20101222_061933_000000513097_00365_46069_8411.N1	22-DEC-2010 06:19:33	Dark	50.500	70	Zet Pup	2.2460	39000.	101	46069	No
98	GOM_TRA_1PNPDE20101222_062200_000000513097_00365_46069_8412.N1	22-DEC-2010 06:22:00	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	46069	No
99	GOM_TRA_1PNPDE20101222_062502_000000553097_00365_46069_8413.N1	22-DEC-2010 06:25:02	Straylight	55.000	23	21Eps CMa	1.5020	26000.	110	46069	No
100	GOM_TRA_1PNPDE20101222_062643_000000483097_00365_46069_8414.N1	22-DEC-2010 06:26:43	Straylight	47.500	179	24Omi2CMa	3.0320	24000.	95	46069	No
101	GOM_TRA_1PNPDE20101222_062928_000000653097_00365_46069_8415.N1	22-DEC-2010 06:29:28	Straylight	64.500	1	9Alp CMa	-1.4400	11000.	129	46069	No
102	GOM_TRA_1PNPDE20101222_063239_000000453097_00365_46069_8416.N1	22-DEC-2010 06:32:39	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	46069	No
103	GOM_TRA_1PNPDE20101222_063442_000000453097_00365_46069_8417.N1	22-DEC-2010 06:34:42	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	46069	No
104	GOM_TRA_1PNPDE20101222_063732_000000613097_00365_46069_8418.N1	22-DEC-2010 06:37:32	Tw_i_and_stray	61.000	14	58Alp Ori	0.87000	3000.0	122	46069	No
105	GOM_TRA_1PNPDE20101222_064136_000000413097_00365_46069_8419.N1	22-DEC-2010 06:41:36	Bright	41.000	176	23Zet Tau	3.0200	22000.	82	46069	No
106	GOM_TRA_1PNPDE20101222_064340_000000413097_00365_46069_8420.N1	22-DEC-2010 06:43:40	Bright	41.000	28	12Bet Tau	1.6500	15200.	82	46069	No
107	GOM_TRA_1PNPDE20101222_064656_000000423097_00365_46069_8421.N1	22-DEC-2010 06:46:56	Bright	42.000	107	37The Aur	2.6490	11000.	84	46069	No
108	GOM_TRA_1PNPDE20101222_064835_000000453097_00365_46069_8422.N1	22-DEC-2010 06:48:35	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	46069	No
109	GOM_TRA_1PNPDE20101222_070458_000000353097_00365_46069_8423.N1	22-DEC-2010 07:04:58	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	46069	No
110	GOM_TRA_1PNPDE20101222_193920_000000473097_00373_46077_8488.N1	22-DEC-2010 19:39:20	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	46077	Yes
111	GOM_TRA_1PNPDE20101222_194130_000000523097_00373_46077_8489.N1	22-DEC-2010 19:41:30	Dark	51.500	70	Zet Pup	2.2460	39000.	103	46077	No
112	GOM_TRA_1PNPDE20101222_194356_000000503097_00373_46077_8490.N1	22-DEC-2010 19:43:56	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	46077	No
113	GOM_TRA_1PNPDE20101222_194657_000000493097_00373_46077_8491.N1	22-DEC-2010 19:46:57	Straylight	49.000	23	21Eps CMa	1.5020	26000.	98	46077	No
114	GOM_TRA_1PNPDE20101222_194837_000000503097_00373_46077_8492.N1	22-DEC-2010 19:48:37	Straylight	50.000	179	24Omi2CMa	3.0320	24000.	100	46077	No
115	GOM_TRA_1PNPDE20101222_195121_000000603097_00373_46077_8493.N1	22-DEC-2010 19:51:21	Straylight	60.000	1	9Alp CMa	-1.4400	11000.	120	46077	No
116	GOM_TRA_1PNPDE20101222_195431_000000473097_00373_46077_8494.N1	22-DEC-2010 19:54:31	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	46077	No
117	GOM_TRA_1PNPDE20101222_195634_000000473097_00373_46077_8495.N1	22-DEC-2010 19:56:34	Straylight	47.000	30	46Eps Ori	1.6940	30000.	94	46077	No
118	GOM_TRA_1PNPDE20101222_195923_000000613097_00373_46077_8496.N1	22-DEC-2010 19:59:23	Tw_i_and_stray	61.000	14	58Alp Ori	0.87000	3000.0	122	46077	No
119	GOM_TRA_1PNPDE20101222_200326_000000403097_00373_46077_8497.N1	22-DEC-2010 20:03:26	Bright	40.000	176	23Zet Tau	3.0200	22000.	80	46077	No
120	GOM_TRA_1PNPDE20101222_200531_000000423097_00373_46077_8498.N1	22-DEC-2010 20:05:31	Bright	42.000	28	12Bet Tau	1.6500	15200.	84	46077	No
121	GOM_TRA_1PNPDE20101222_200845_000000423097_00373_46077_8499.N1	22-DEC-2010 20:08:45	Bright	41.500	107	37The Aur	2.6490	11000.	83	46077	No
122	GOM_TRA_1PNPDE20101222_201025_000000443097_00373_46077_8500.N1	22-DEC-2010 20:10:25	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	46077	No
123	GOM_TRA_1PNPDE20101222_202649_000000373097_00373_46077_8501.N1	22-DEC-2010 20:26:49	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46077	No
124	GOM_TRA_1PNPDE20101222_203104_000000473097_00373_46077_8502.N1	22-DEC-2010 20:31:04	Bright	46.500	32	77Eps UMa	1.7630	11000.	93	46077	No
125	GOM_TRA_1PNPDE20101222_203356_000000613097_00373_46077_8503.N1	22-DEC-2010 20:33:56	Bright	61.000	39	85Eta UMa	1.8540	24000.	122	46077	No
126	GOM_TRA_1PNPDE20101222_203732_000000533097_00373_46077_8504.N1	22-DEC-2010 20:37:32	Bright	52.500	180	27Gam Boo	3.0400	8000.0	105	46077	No
127	GOM_TRA_1PNPDE20101222_204054_000000383097_00373_46077_8505.N1	22-DEC-2010 20:40:54	Bright	38.000	83		2.3780	11000.	76	46077	No
128	GOM_TRA_1PNPDE20101222_204429_000000453097_00373_46077_8506.N1	22-DEC-2010 20:44:29	Bright	45.000	111	8Eta Boo	2.6800	6000.0	90	46077	No
129	GOM_TRA_1PNPDE20101222_205510_000000573097_00373_46077_8511.N1	22-DEC-2010 20:55:10	Tw_i_and_stray	56.500	15	67Alp Vir	0.97600	28000.	113	46077	No
130	GOM_TRA_1PNPDE20101222_205946_000000493097_00373_46077_8512.N1	22-DEC-2010 20:59:46	Dark	49.000	54	5The Cen	2.0550	4500.0	98	46077	No

131	GOM_TRA_1PNPDE20101222_210145_000000583097_00373_46077_8513.N1	22-DEC-2010 21:01:45	Dark	58.000	106	9Bet Crv	2.6480	5600.0	116	46077	No
132	GOM_TRA_1PNPDE20101222_210543_000000433097_00374_46078_8514.N1	22-DEC-2010 21:05:43	Dark	42.500	64	Gam Cen	2.2000	10600.	85	46078	No
133	GOM_TRA_1PNPDE20101222_211133_000000463097_00374_46078_8515.N1	22-DEC-2010 21:11:33	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46078	No
134	GOM_TRA_1PNPDE20101222_211451_000000423097_00374_46078_8516.N1	22-DEC-2010 21:14:51	Dark	41.500	71	lot Car	2.2460	7700.0	83	46078	No
135	GOM_TRA_1PNPDE20101222_211637_000000553097_00374_46078_8517.N1	22-DEC-2010 21:16:37	Dark	55.000	41	Eps Car	1.8600	4100.0	110	46078	No
136	GOM_TRA_1PNPDE20101222_211935_000000503097_00374_46078_8518.N1	22-DEC-2010 21:19:35	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	46078	No
137	GOM_TRA_1PNPDE20101222_212145_000000513097_00374_46078_8519.N1	22-DEC-2010 21:21:45	Dark	50.500	70	Zet Pup	2.2460	39000.	101	46078	No
138	GOM_TRA_1PNPDE20101222_212410_000000513097_00374_46078_8520.N1	22-DEC-2010 21:24:10	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	46078	No
139	GOM_TRA_1PNPDE20101222_212711_000000543097_00374_46078_8521.N1	22-DEC-2010 21:27:11	Straylight	54.000	23	21Eps CMa	1.5020	26000.	108	46078	No
140	GOM_TRA_1PNPDE20101222_212851_000000503097_00374_46078_8522.N1	22-DEC-2010 21:28:51	Straylight	49.500	179	24Omi2CMa	3.0320	24000.	99	46078	No
141	GOM_TRA_1PNPDE20101222_213136_000000573097_00374_46078_8523.N1	22-DEC-2010 21:31:36	Straylight	57.000	1	9Alp CMa	-1.4400	11000.	114	46078	No
142	GOM_TRA_1PNPDE20101222_213446_000000493097_00374_46078_8524.N1	22-DEC-2010 21:34:46	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	46078	No
143	GOM_TRA_1PNPDE20101222_213648_000000443097_00374_46078_8525.N1	22-DEC-2010 21:36:48	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	46078	No
144	GOM_TRA_1PNPDE20101222_213937_000000613097_00374_46078_8526.N1	22-DEC-2010 21:39:37	Tw_i_and_stray	61.000	14	58Alp Ori	0.87000	3000.0	122	46078	No
145	GOM_TRA_1PNPDE20101222_214340_000000393097_00374_46078_8527.N1	22-DEC-2010 21:43:40	Bright	39.000	176	23Zet Tau	3.0200	22000.	78	46078	No
146	GOM_TRA_1PNPDE20101222_214544_000000423097_00374_46078_8528.N1	22-DEC-2010 21:45:44	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	46078	No
147	GOM_TRA_1PNPDE20101222_214858_000000423097_00374_46078_8529.N1	22-DEC-2010 21:48:58	Bright	42.000	107	37The Aur	2.6490	11000.	84	46078	No
148	GOM_TRA_1PNPDE20101222_215039_000000433097_00374_46078_8530.N1	22-DEC-2010 21:50:39	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	46078	No
149	GOM_TRA_1PNPDE20101222_220703_000000353097_00374_46078_8531.N1	22-DEC-2010 22:07:03	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	46078	No
150	GOM_TRA_1PNPDE20101222_221118_000000423097_00374_46078_8532.N1	22-DEC-2010 22:11:18	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	46078	No
151	GOM_TRA_1PNPDE20101222_221409_000000613097_00374_46078_8533.N1	22-DEC-2010 22:14:09	Bright	61.000	39	85Eta UMa	1.8540	24000.	122	46078	No
152	GOM_TRA_1PNPDE20101222_221746_000000423097_00374_46078_8534.N1	22-DEC-2010 22:17:46	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	46078	No
153	GOM_TRA_1PNPDE20101222_222108_000000573097_00374_46078_8535.N1	22-DEC-2010 22:21:08	Bright	57.000	83		2.3780	11000.	114	46078	No
154	GOM_TRA_1PNPDE20101222_222443_000000663097_00374_46078_8536.N1	22-DEC-2010 22:24:43	Bright	66.000	111	8Eta Boo	2.6800	6000.0	132	46078	No
155	GOM_TRA_1PNPDE20101222_223525_000000563097_00374_46078_8534.N1	22-DEC-2010 22:35:25	Tw_i_and_stray	55.500	15	67Alp Vir	0.97600	28000.	111	46078	No
156	GOM_TRA_1PNPDE20101222_224000_000000463097_00374_46078_8535.N1	22-DEC-2010 22:40:00	Dark	45.500	54	5The Cen	2.0550	4500.0	91	46078	No
157	GOM_TRA_1PNPDE20101222_224200_000000563097_00374_46078_8536.N1	22-DEC-2010 22:42:00	Dark	55.500	106	9Bet Crv	2.6480	5600.0	111	46078	No
158	GOM_TRA_1PNPDE20101222_224558_000000423097_00375_46079_8537.N1	22-DEC-2010 22:45:58	Dark	42.000	64	Gam Cen	2.2000	10600.	84	46079	No
159	GOM_TRA_1PNPDE20101222_225148_000000503097_00375_46079_8538.N1	22-DEC-2010 22:51:48	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46079	No
160	GOM_TRA_1PNPDE20101222_225505_000000443097_00375_46079_8539.N1	22-DEC-2010 22:55:05	Dark	43.500	71	lot Car	2.2460	7700.0	87	46079	No
161	GOM_TRA_1PNPDE20101222_225652_000000553097_00375_46079_8540.N1	22-DEC-2010 22:56:52	Dark	54.500	41	Eps Car	1.8600	4100.0	109	46079	No
162	GOM_TRA_1PNPDE20101222_225950_000000453097_00375_46079_8541.N1	22-DEC-2010 22:59:50	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	46079	No
163	GOM_TRA_1PNPDE20101222_230200_000000513097_00375_46079_8542.N1	22-DEC-2010 23:02:00	Dark	51.000	70	Zet Pup	2.2460	39000.	102	46079	No
164	GOM_TRA_1PNPDE20101222_230425_000000523097_00375_46079_8543.N1	22-DEC-2010 23:04:25	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	46079	No
165	GOM_TRA_1PNPDE20101222_230726_000000523097_00375_46079_8544.N1	22-DEC-2010 23:07:26	Straylight	52.000	23	21Eps CMa	1.5020	26000.	104	46079	No
166	GOM_TRA_1PNPDE20101222_230905_000000503097_00375_46079_8545.N1	22-DEC-2010 23:09:05	Straylight	49.500	179	24Omi2CMa	3.0320	24000.	99	46079	No
167	GOM_TRA_1PNPDE20101222_231150_000000593097_00375_46079_8546.N1	22-DEC-2010 23:11:50	Straylight	58.500	1	9Alp CMa	-1.4400	11000.	117	46079	No
168	GOM_TRA_1PNPDE20101222_231500_000000443097_00375_46079_8547.N1	22-DEC-2010 23:15:00	Straylight	43.500	7	19Bet Ori	0.10000	14000.	87	46079	No
169	GOM_TRA_1PNPDE20101222_231702_000000453097_00375_46079_8548.N1	22-DEC-2010 23:17:02	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	46079	No
170	GOM_TRA_1PNPDE20101222_231951_000000593097_00375_46079_8549.N1	22-DEC-2010 23:19:51	Tw_i_and_stray	59.000	14	58Alp Ori	0.87000	3000.0	118	46079	No
171	GOM_TRA_1PNPDE20101222_232354_000000403097_00375_46079_8550.N1	22-DEC-2010 23:23:54	Bright	40.000	176	23Zet Tau	3.0200	22000.	80	46079	No
172	GOM_TRA_1PNPDE20101222_232558_000000403097_00375_46079_8551.N1	22-DEC-2010 23:25:58	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	46079	No
173	GOM_TRA_1PNPDE20101222_232912_000000413097_00375_46079_8552.N1	22-DEC-2010 23:29:12	Bright	41.000	107	37The Aur	2.6490	11000.	82	46079	No
174	GOM_TRA_1PNPDE20101222_233052_000000413097_00375_46079_8553.N1	22-DEC-2010 23:30:52	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	46079	No
175	GOM_TRA_1PNPDE20101222_234717_000000343097_00375_46079_8554.N1	22-DEC-2010 23:47:17	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	46079	No
176	GOM_TRA_1PNPDE20101222_235131_000000453097_00375_46079_8555.N1	22-DEC-2010 23:51:31	Bright	44.500	32	77Eps UMa	1.7630	11000.	89	46079	No
177	GOM_TRA_1PNPDE20101222_235423_000000613097_00375_46079_8556.N1	22-DEC-2010 23:54:23	Bright	61.000	39	85Eta UMa	1.8540	24000.	122	46079	No
178	GOM_TRA_1PNPDE20101222_235800_000000473097_00375_46079_8557.N1	22-DEC-2010 23:58:00	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	46079	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.

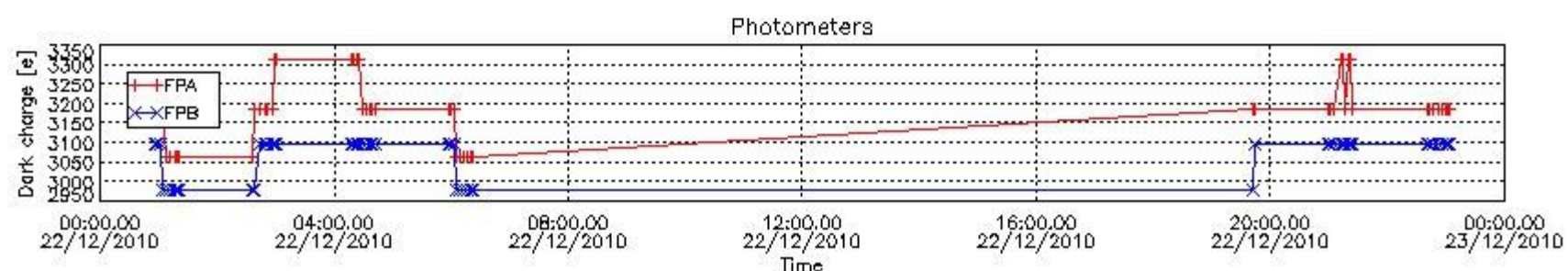
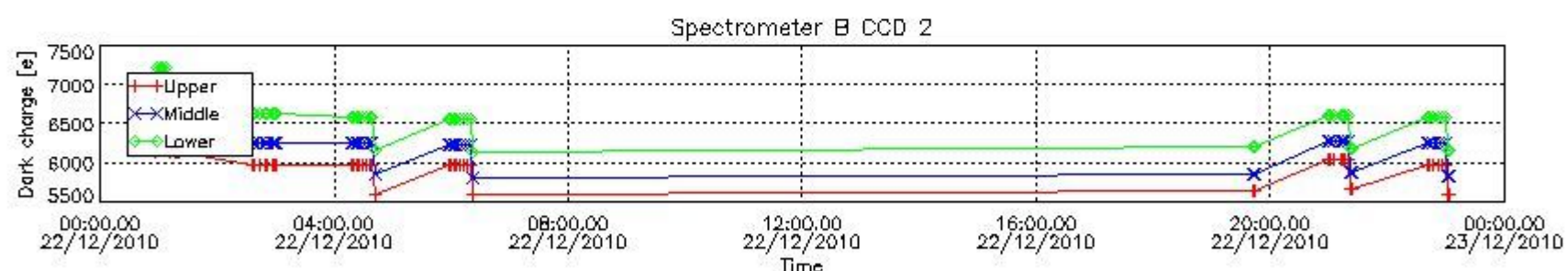
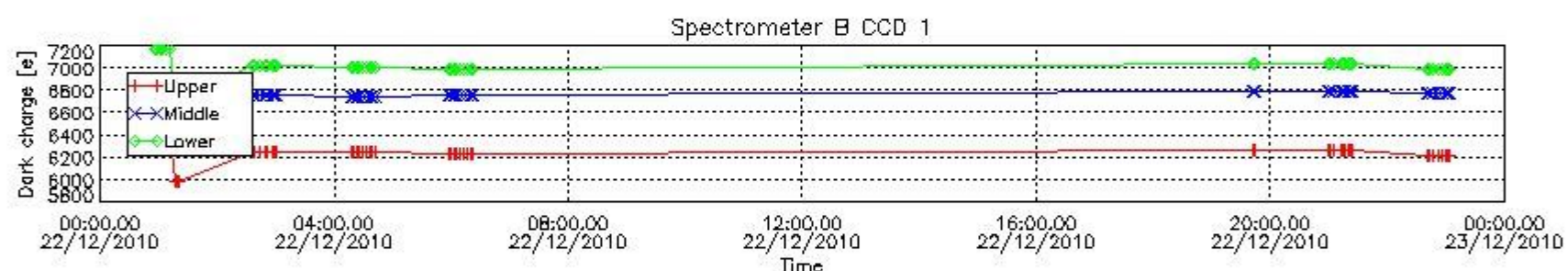
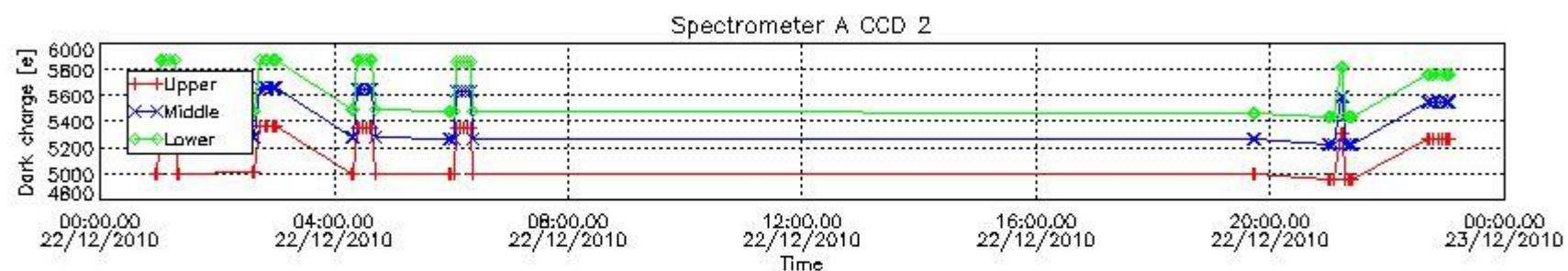
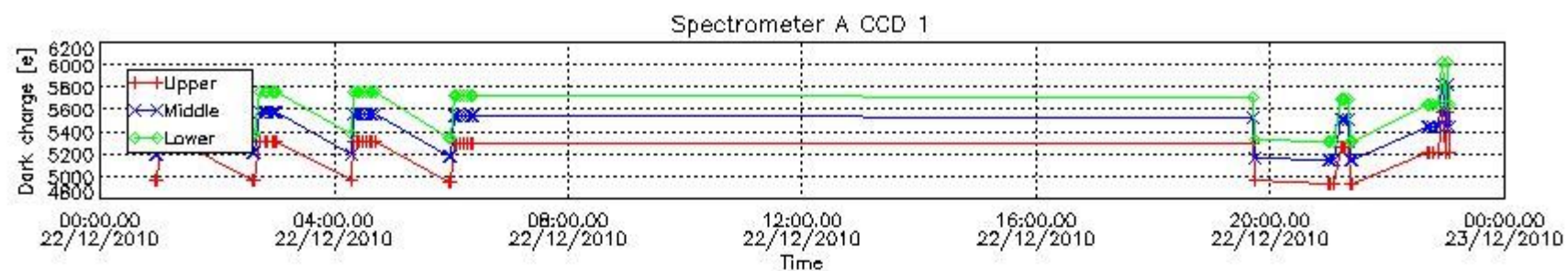
##### 4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDE20101222_193920_000000473097_00373_46077_8488.N1	DC map with no T dep.
GOM_TRA_1PNPDE20101222_194130_000000523097_00373_46077_8489.N1	DC map used
GOM_TRA_1PNPDE20101222_194356_000000503097_00373_46077_8490.N1	DC map used
GOM_TRA_1PNPDE20101222_194657_000000493097_00373_46077_8491.N1	DC map used
GOM_TRA_1PNPDE20101222_194837_000000503097_00373_46077_8492.N1	DC map used
GOM_TRA_1PNPDE20101222_195121_000000603097_00373_46077_8493.N1	DC map used
GOM_TRA_1PNPDE20101222_195431_000000473097_00373_46077_8494.N1	DC map used
GOM_TRA_1PNPDE20101222_195634_000000473097_00373_46077_8495.N1	DC map used
GOM_TRA_1PNPDE20101222_195923_000000613097_00373_46077_8496.N1	DC map used
GOM_TRA_1PNPDE20101222_200326_000000403097_00373_46077_8497.N1	DC map used
GOM_TRA_1PNPDE20101222_200531_000000423097_00373_46077_8498.N1	DC map used
GOM_TRA_1PNPDE20101222_200845_000000423097_00373_46077_8499.N1	DC map used
GOM_TRA_1PNPDE20101222_201025_000000443097_00373_46077_8500.N1	DC map used
GOM_TRA_1PNPDE20101222_202649_000000373097_00373_46077_8501.N1	DC map used



GOM_TRA_1PNPDE20101222_203104_000000473097_00373_46077_8502.N1	DC map used
GOM_TRA_1PNPDE20101222_203356_000000613097_00373_46077_8503.N1	DC map used
GOM_TRA_1PNPDE20101222_203732_000000533097_00373_46077_8504.N1	DC map used
GOM_TRA_1PNPDE20101222_204054_000000383097_00373_46077_8505.N1	DC map used
GOM_TRA_1PNPDE20101222_204429_000000453097_00373_46077_8506.N1	DC map used

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



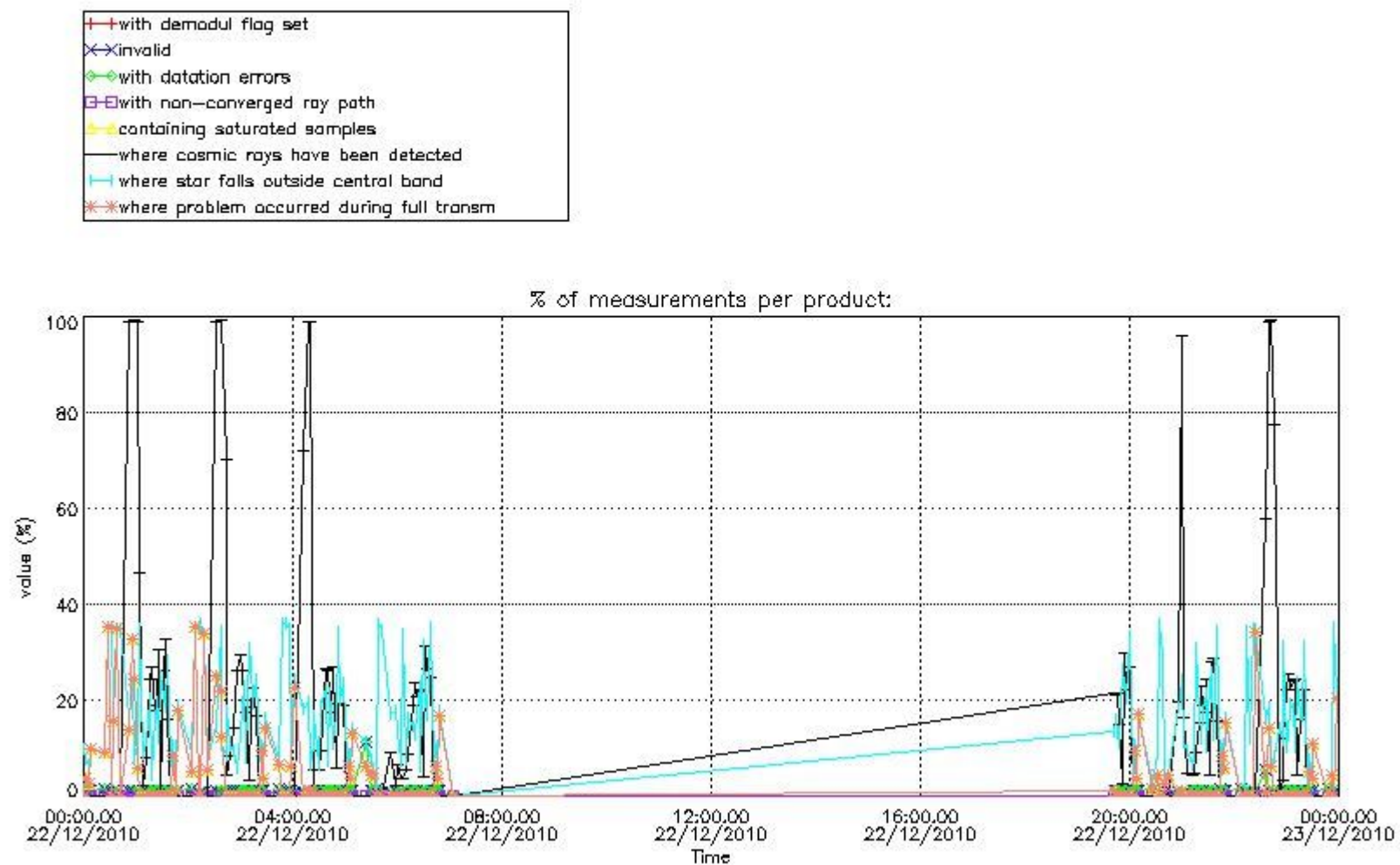
5. Demodulation flag and quality information monitoring

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:

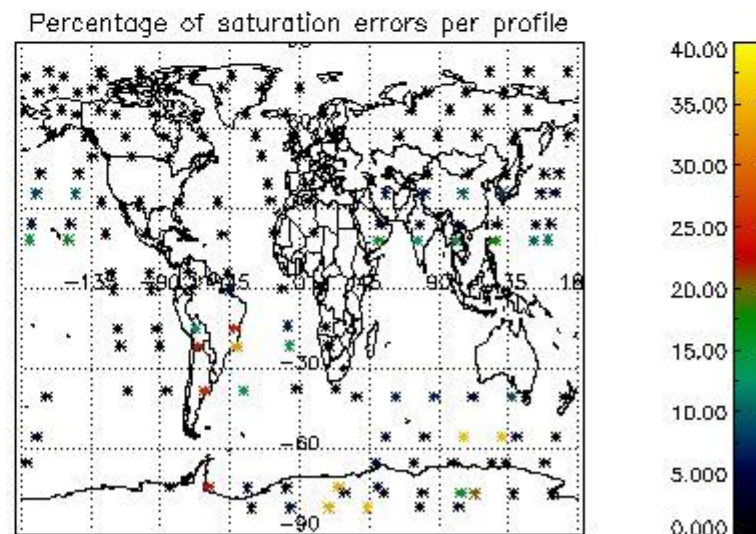
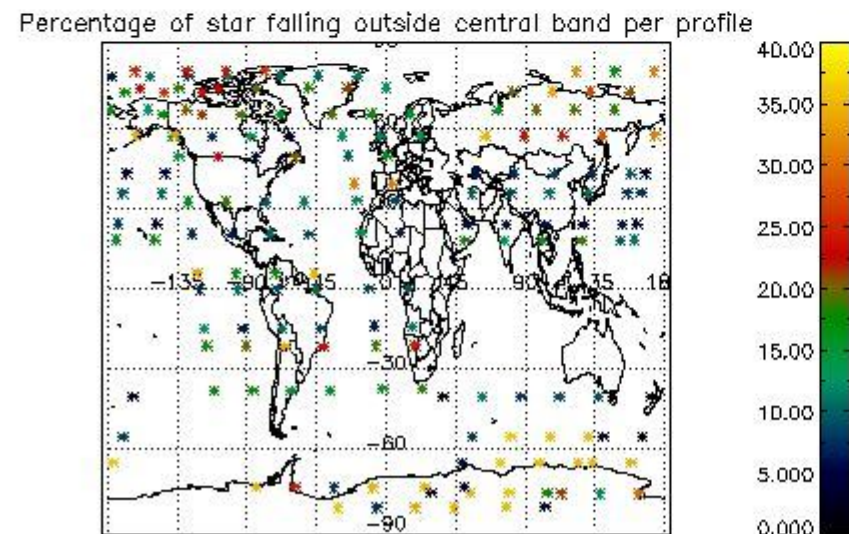
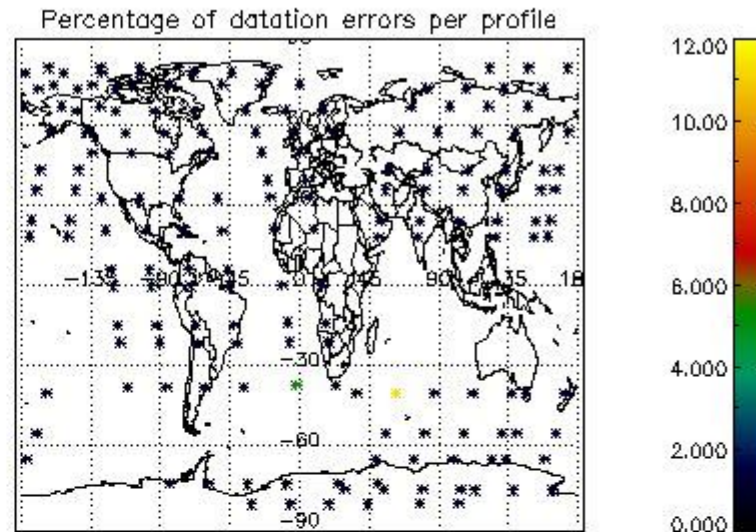
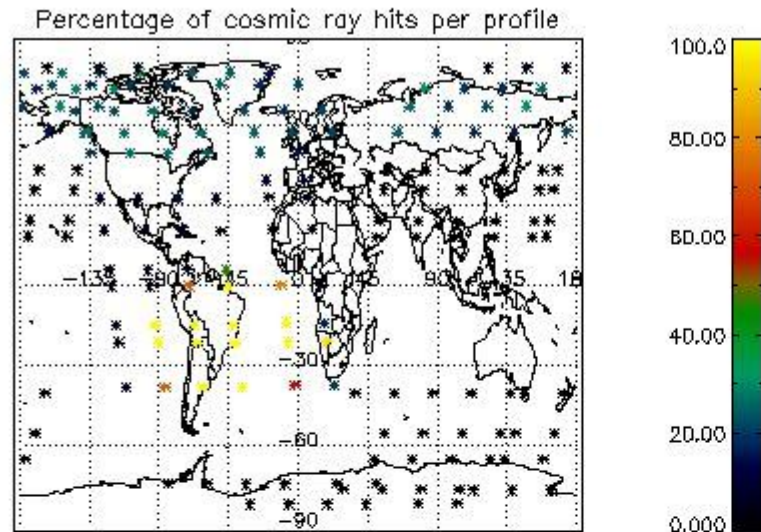
At least one measurement with demodulation flag set:	56.4972 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

### 5.2 Plot quality information per product (time dependant)



### 5.3 Plot quality information per product (world map)





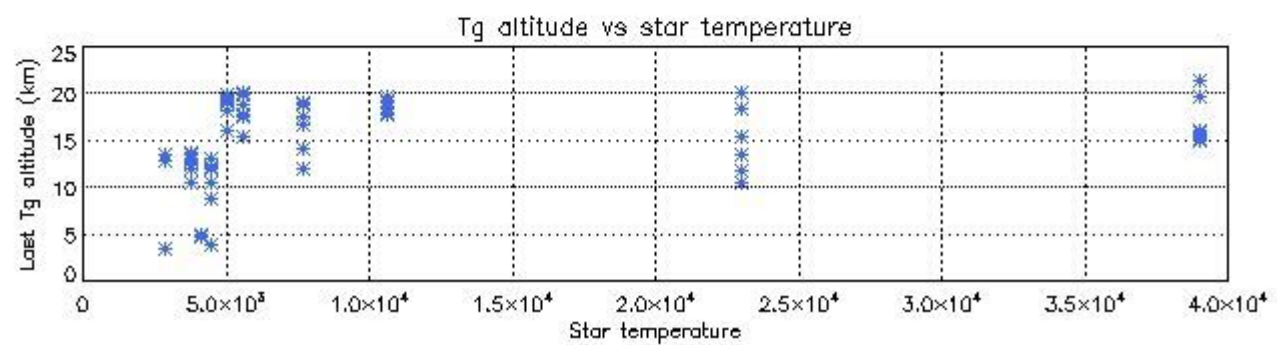
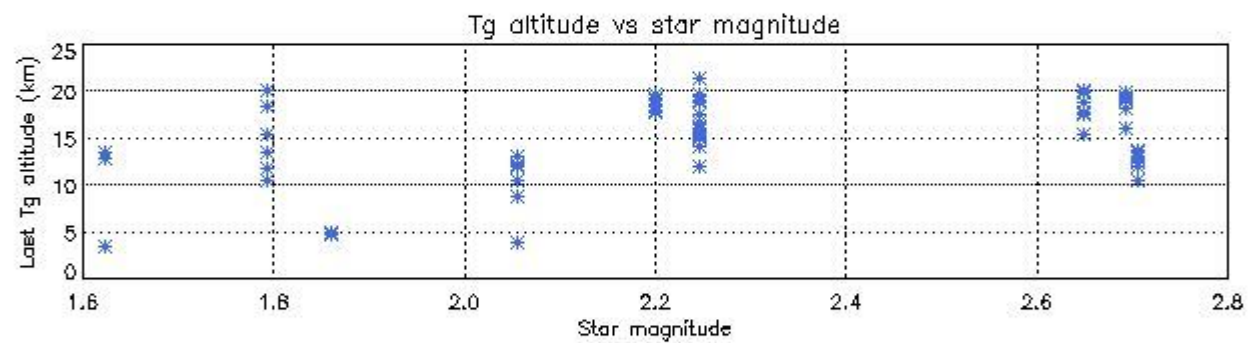
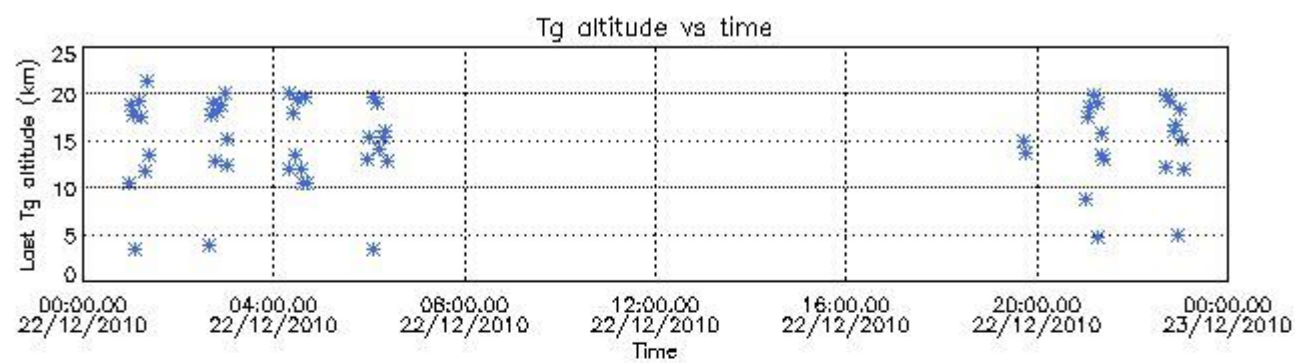
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.822	15.345	NaN
St. deviation:	4.6382	7.4248	NaN
Maximum:	21.408	29.493	NaN
Minimum:	3.3290	3.2904	NaN
Number of data:	56.000	73.000	NaN

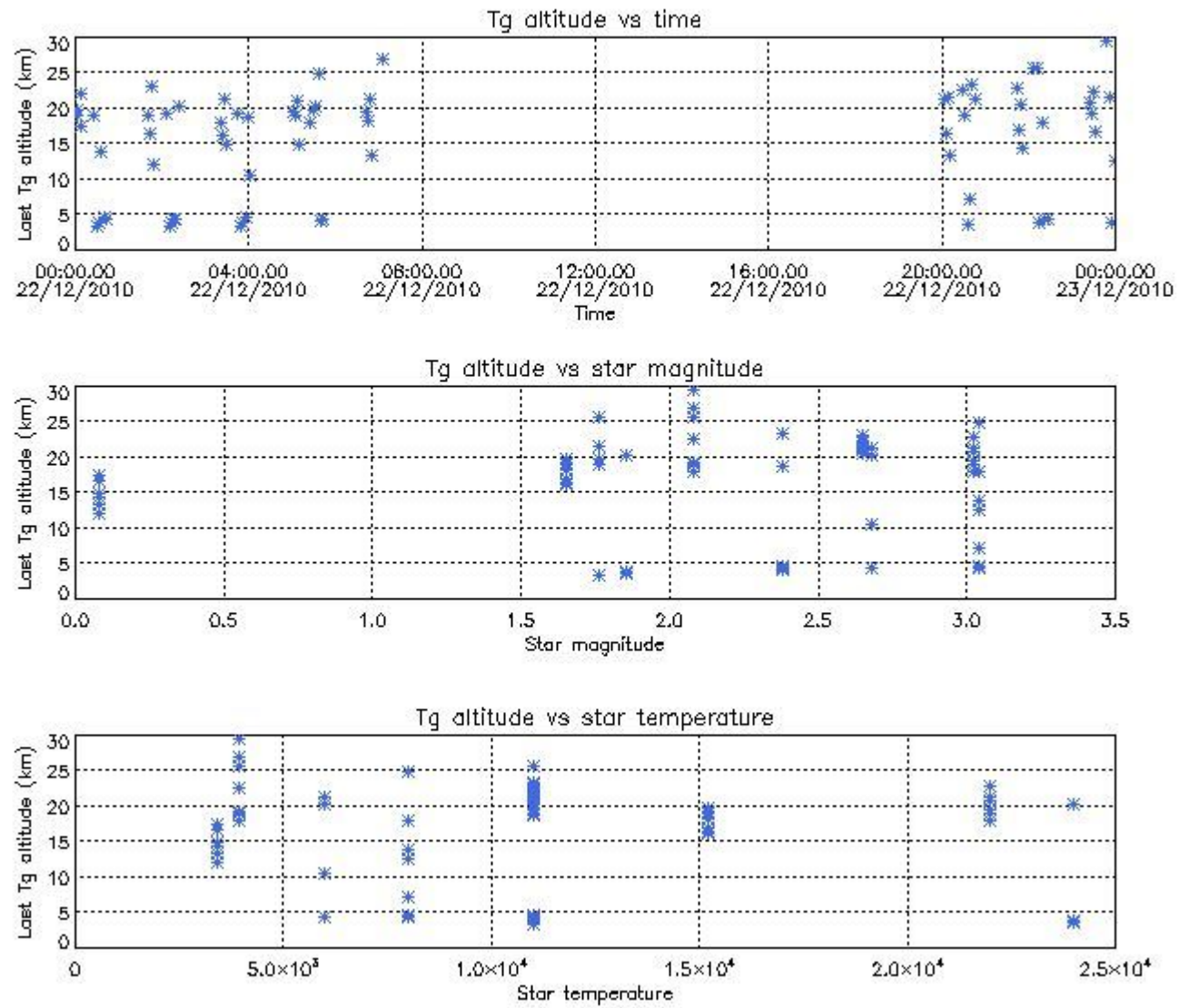
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



### 6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



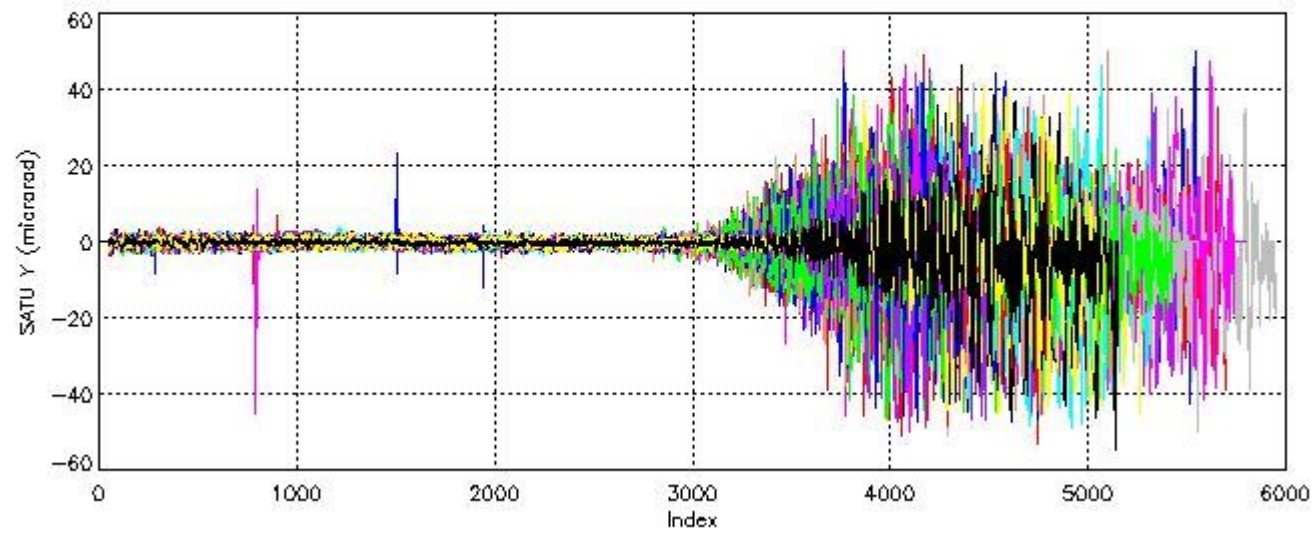
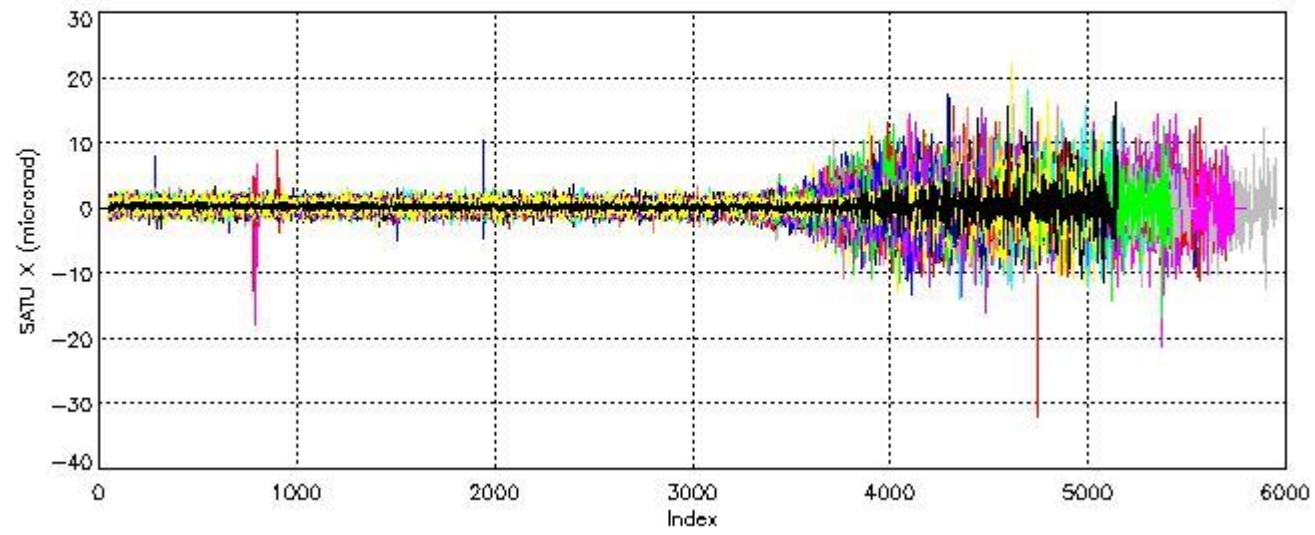
## 7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

### 7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.





## 7.2 Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere.

Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

### 7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.20088	-0.31186	0.17690	-0.25434
St. deviation:	0.50932	0.73619	0.80892	0.97219
Maximum:	8.8000	13.800	5.7000	5.9000
Minimum:	-18.000	-45.100	-5.5000	-6.8000

Number of data:	60650.	60650.	69800.	69800.
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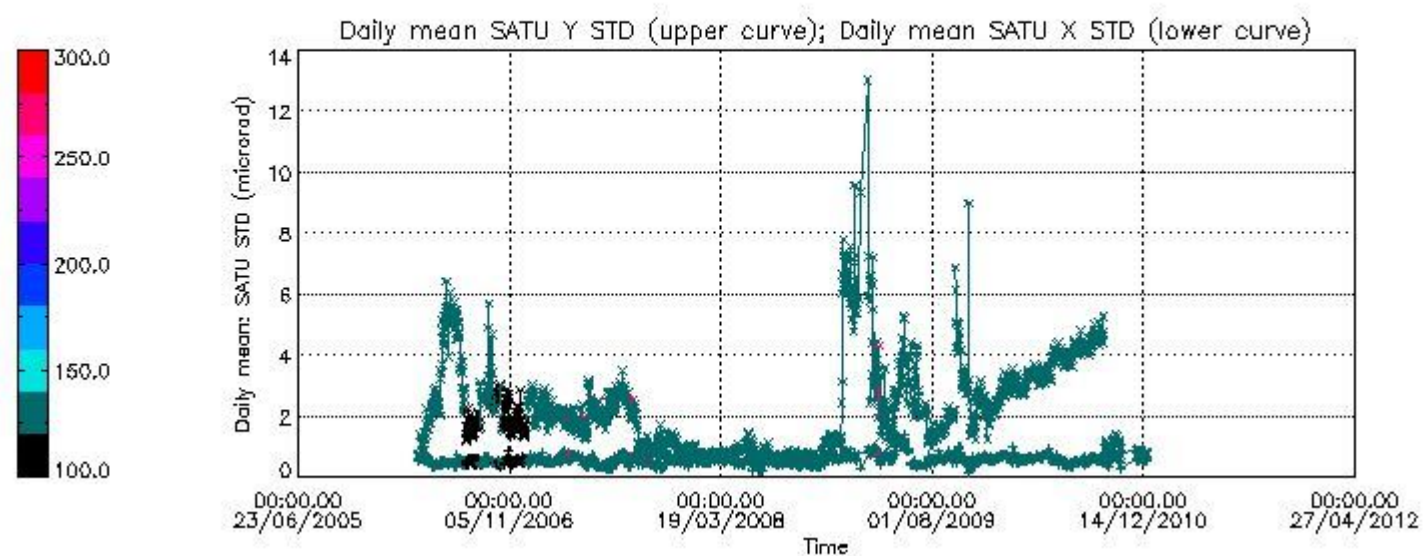
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

The long term trend of the SATU 'X' and 'Y' standard deviations should be constant during the whole mission.

The colorbar represents the start tangent altitude (km) of the occultations.

Upper curve: STD of SATU Y axis

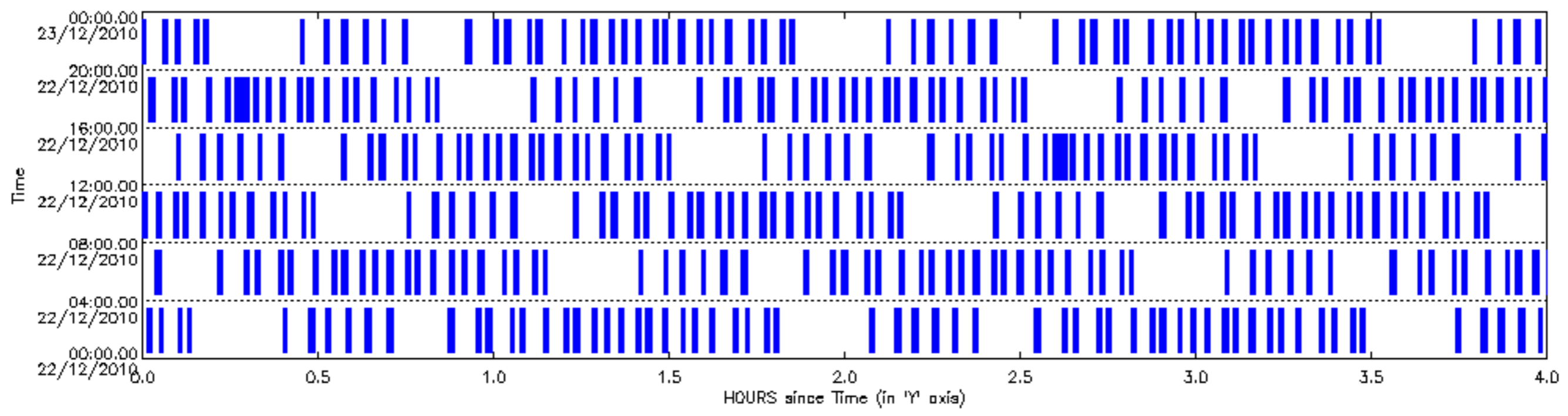
Lower curve: STD of SATU X axis



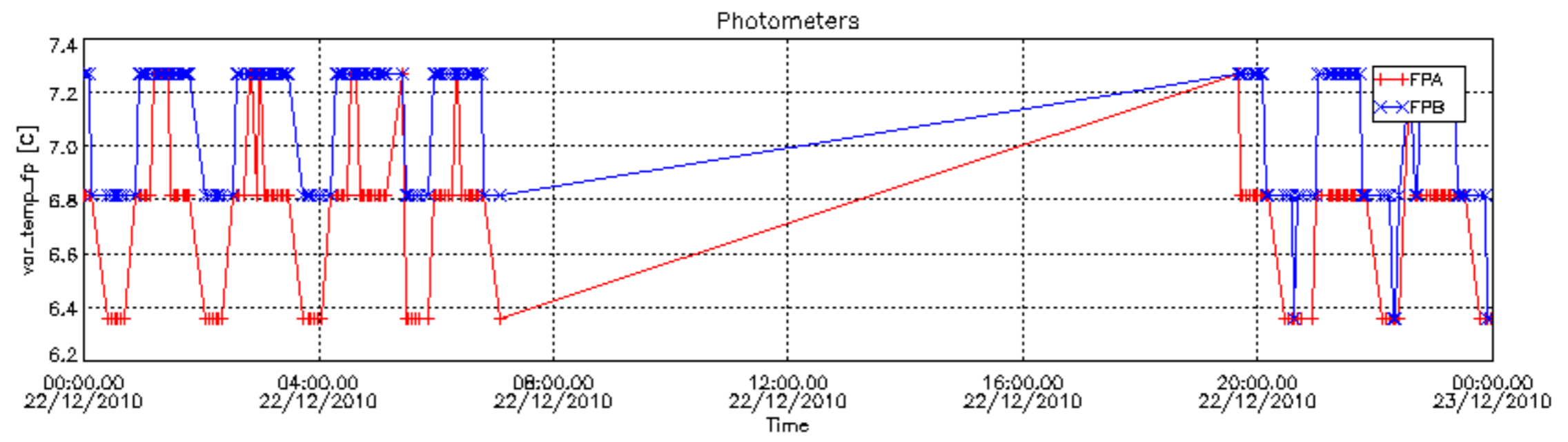
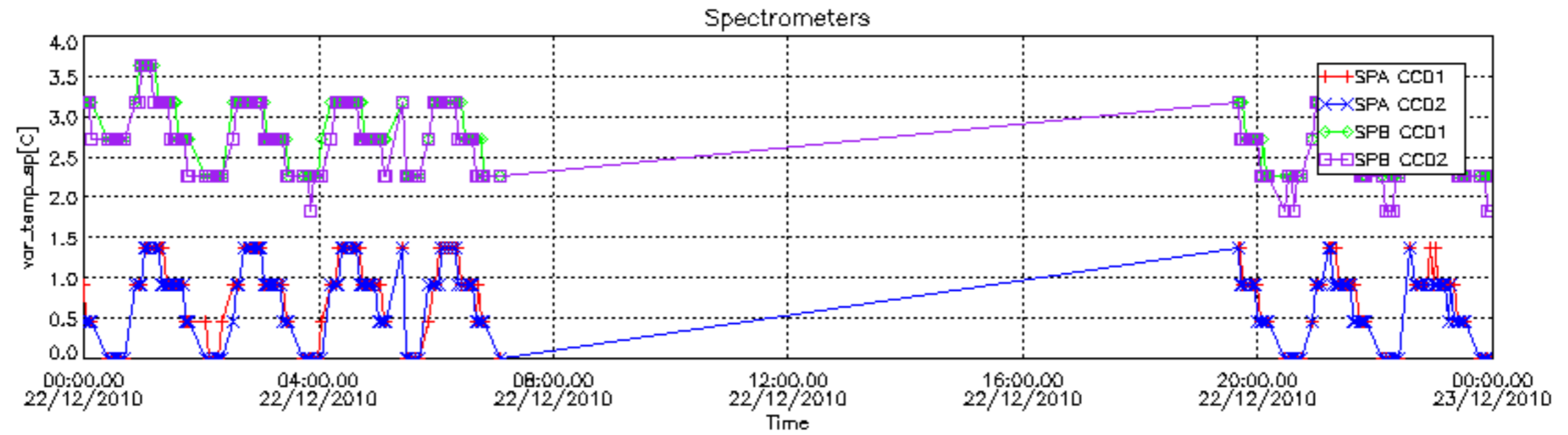
### 8. Auxiliary Data Files used for the production reported in section 2.4

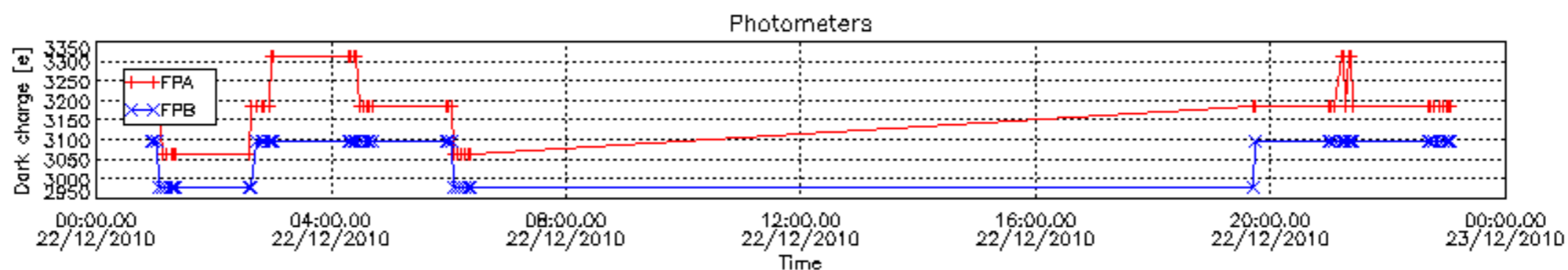
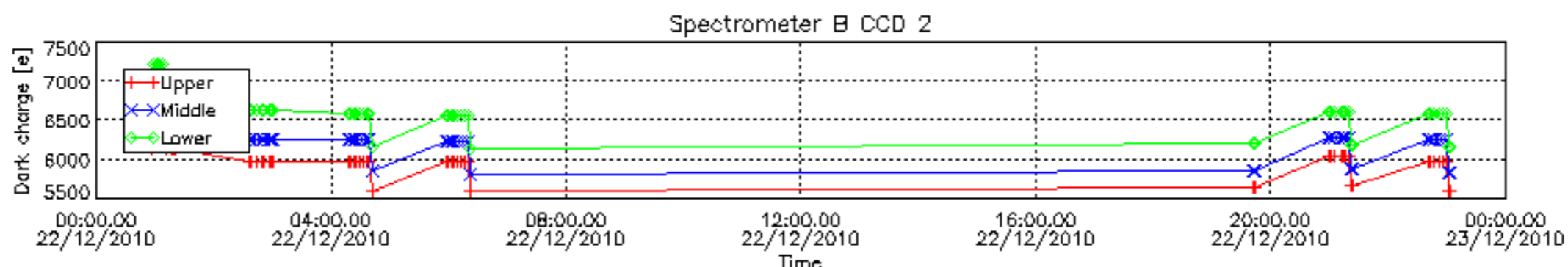
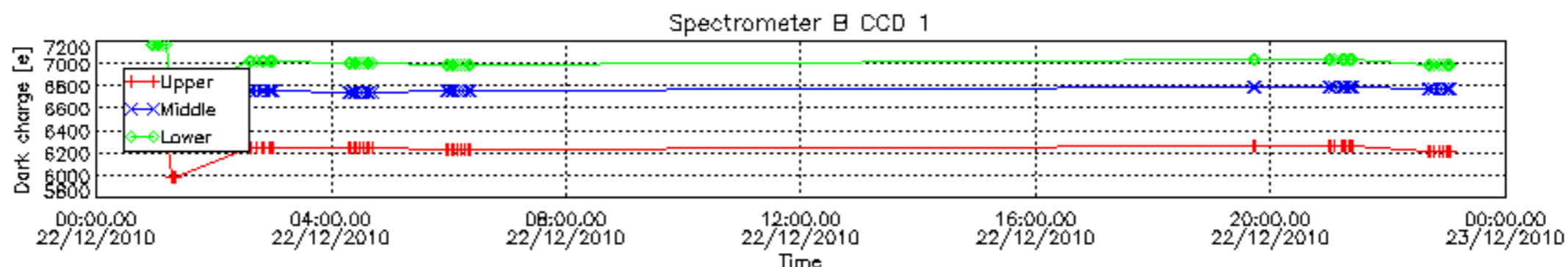
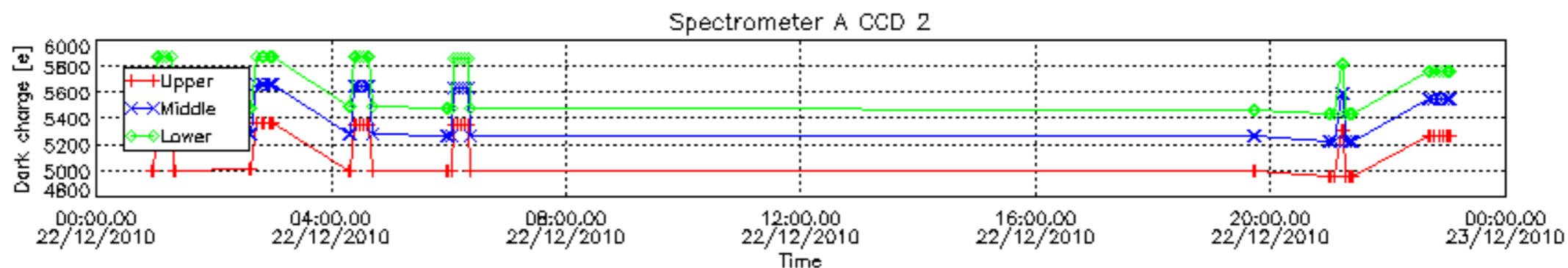
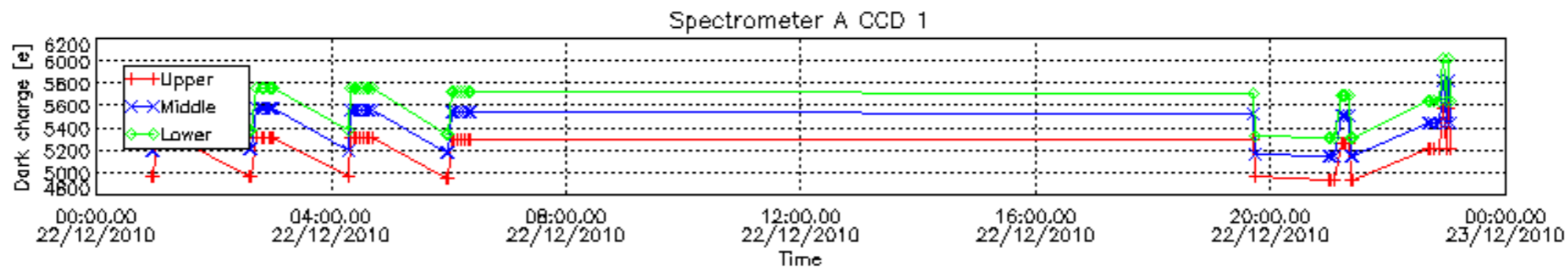
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

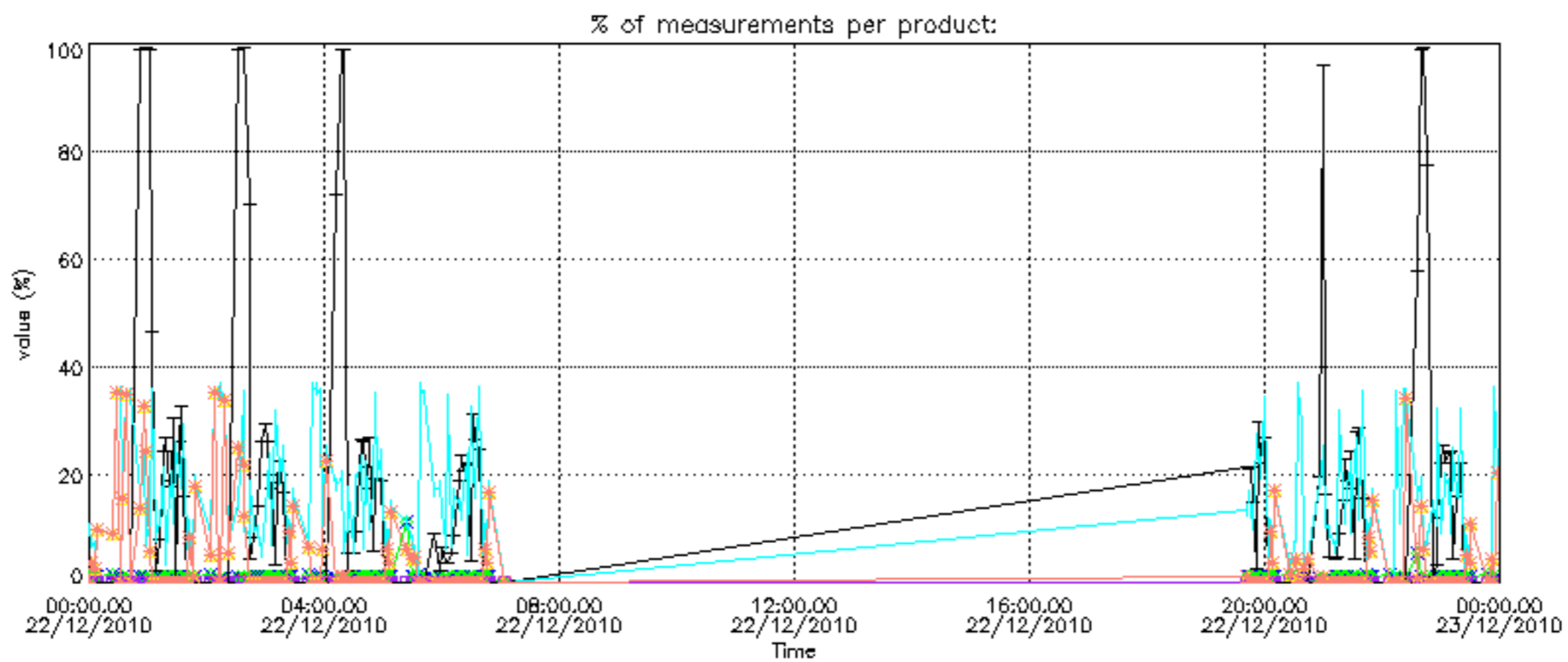
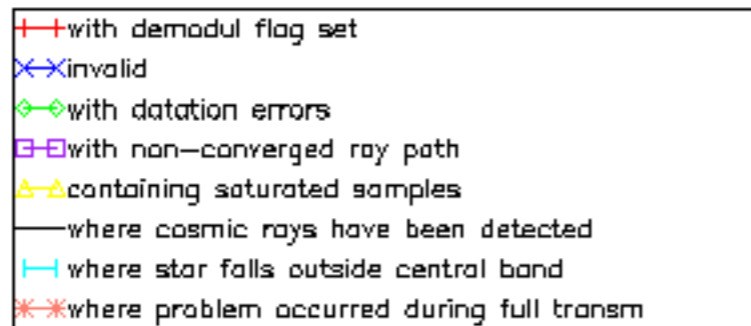
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-DEC-2010 00:00:41
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20101220_121136_20101219_000000_20500101_000000	1	22-DEC-2010 00:00:41
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	22-DEC-2010 00:00:41
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	22-DEC-2010 00:00:41
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	22-DEC-2010 00:00:41
ECMWF_FILE	AUX_ECF_AXNECM20101221_054115_20101221_210000_20101222_090000	1	22-DEC-2010 00:00:41
ECMWF_FILE	AUX_ECF_AXNECM20101221_174116_20101222_030000_20101222_150000	57	22-DEC-2010 03:44:30
ECMWF_FILE	AUX_ECA_AXNECM20101222_052114_20101221_210000_20101222_090000	83	22-DEC-2010 05:24:44
ECMWF_FILE	AUX_ECA_AXNECM20101222_172113_20101222_090000_20101222_210000	110	22-DEC-2010 19:39:20
ECMWF_FILE	AUX_ECF_AXNECM20101222_054113_20101222_150000_20101223_030000	129	22-DEC-2010 20:55:10
ECMWF_FILE	AUX_ECF_AXNECM20101222_054114_20101222_210000_20101223_090000	155	22-DEC-2010 22:35:25
OPTIONAL_ECMWF_FILE	MISSING	1	22-DEC-2010 00:00:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101221_230845_000057383097_00360_46064_2176.N1	1	22-DEC-2010 00:00:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101222_004942_000051013097_00361_46065_2177.N1	11	22-DEC-2010 00:52:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101222_022002_000044633097_00362_46066_2178.N1	37	22-DEC-2010 02:32:26
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101222_033943_000057383097_00363_46067_2179.N1	57	22-DEC-2010 03:44:30
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101222_052040_000057383097_00364_46068_2180.N1	83	22-DEC-2010 05:24:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101222_193606_000038253097_00373_46077_2181.N1	110	22-DEC-2010 19:39:20
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101222_204510_000060573097_00373_46077_2182.N1	129	22-DEC-2010 20:55:10
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101222_223126_000057383097_00374_46078_2183.N1	155	22-DEC-2010 22:35:25





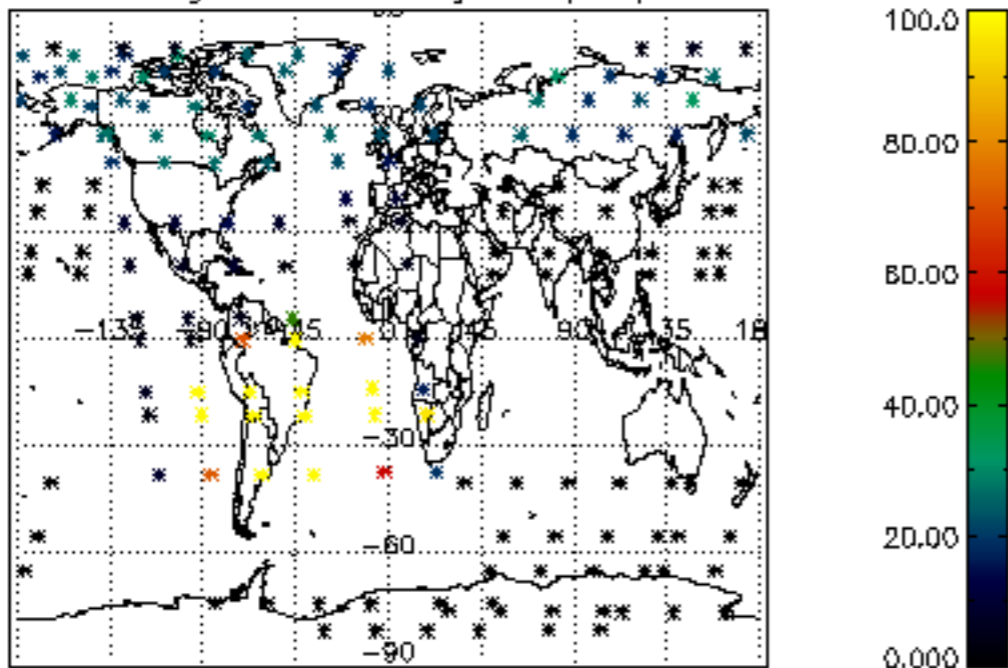




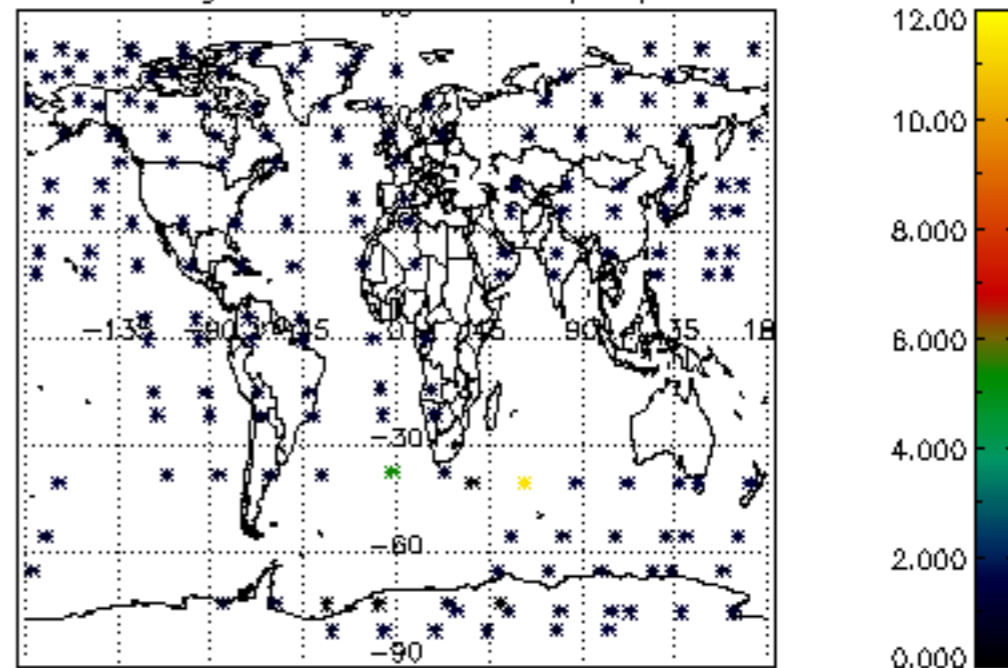




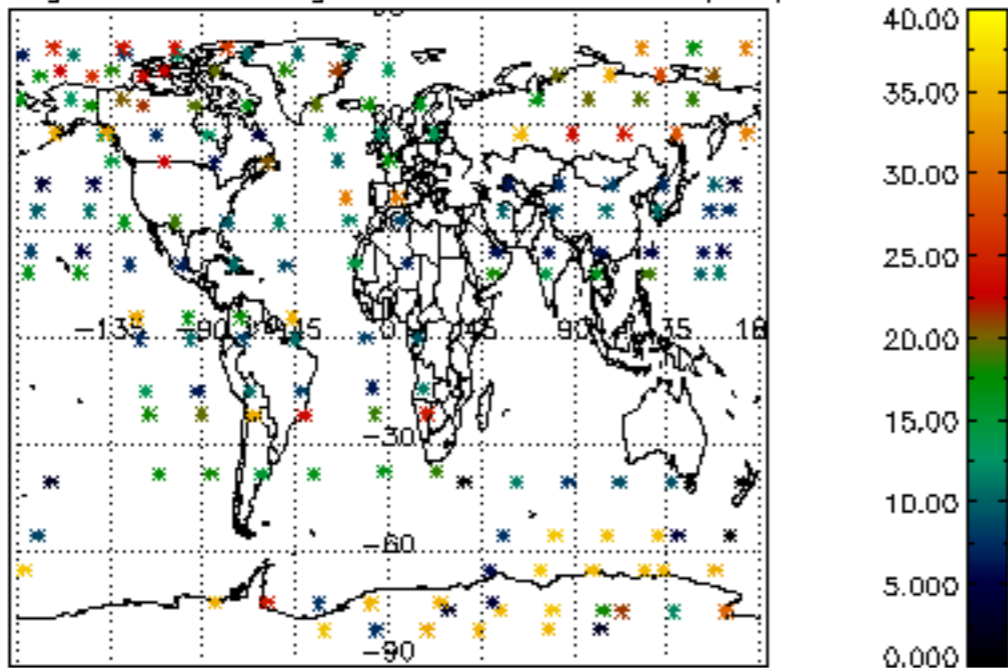
Percentage of cosmic ray hits per profile



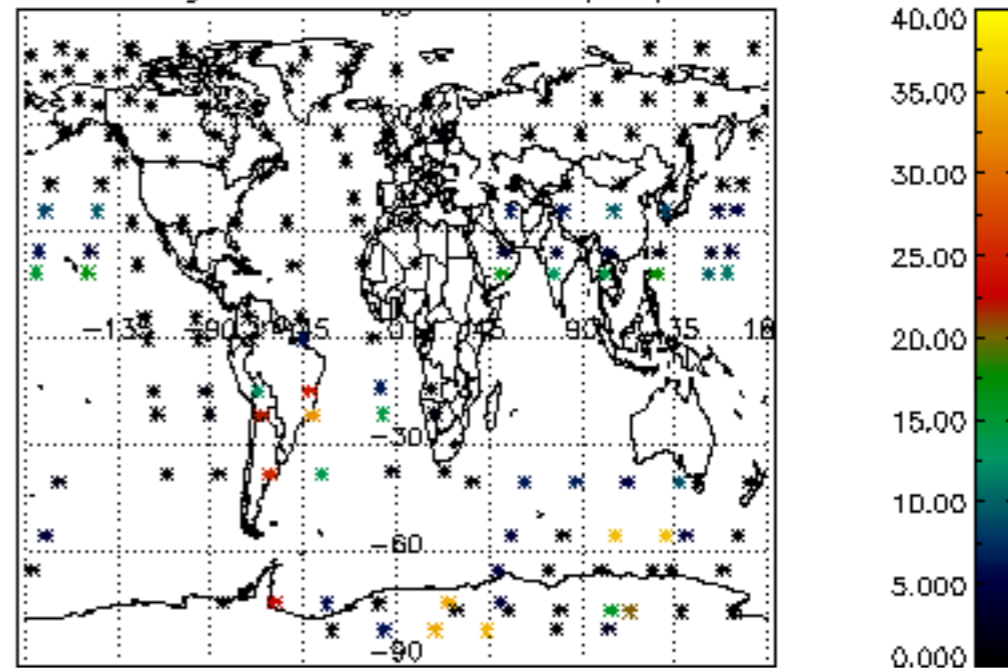
Percentage of datation errors per profile



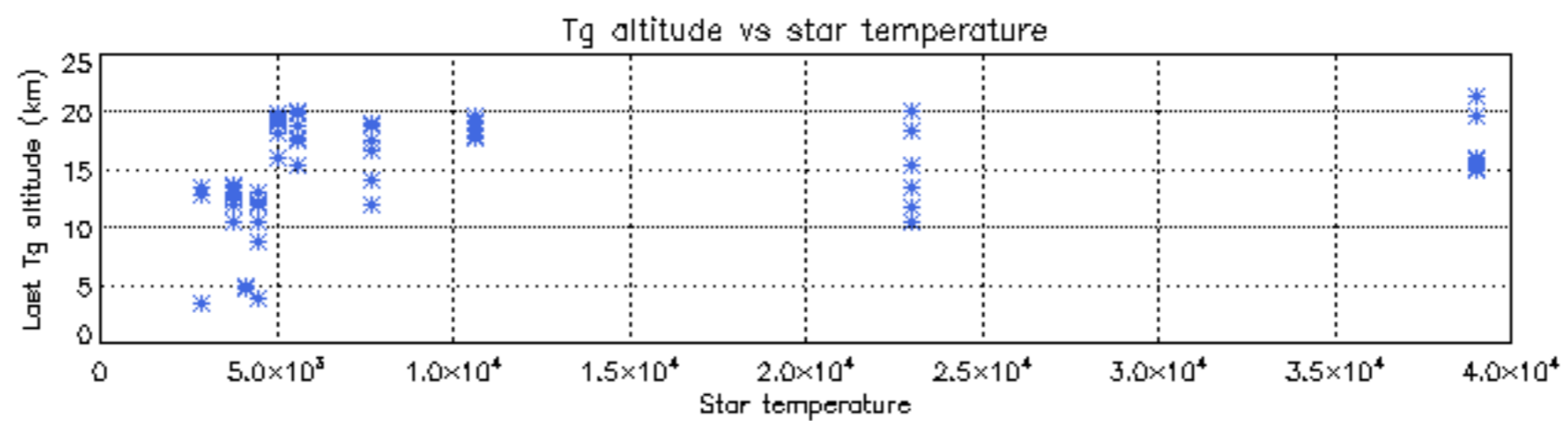
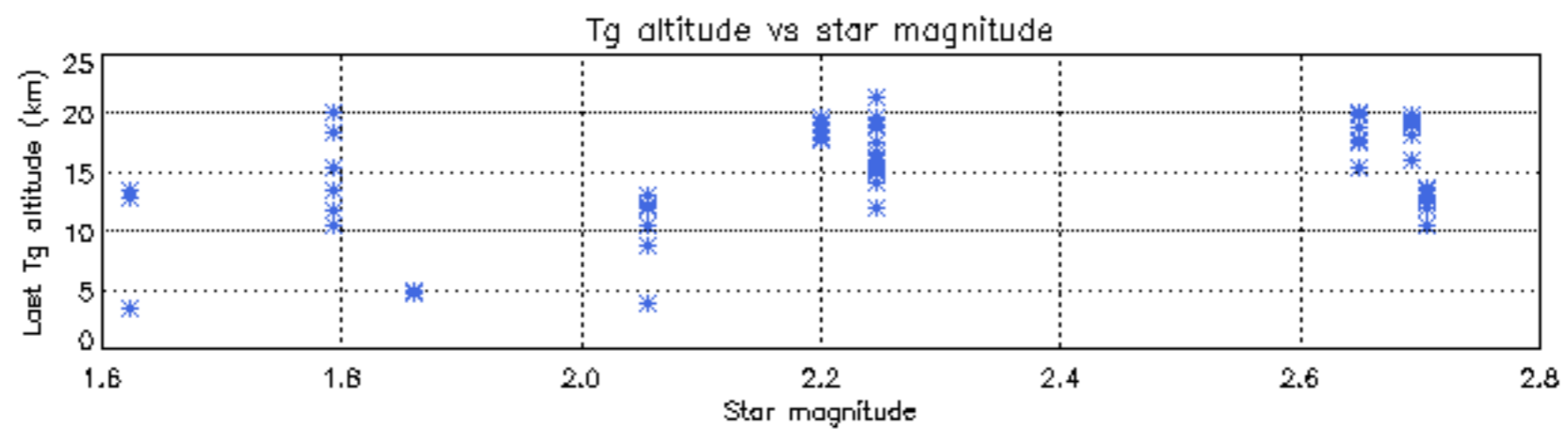
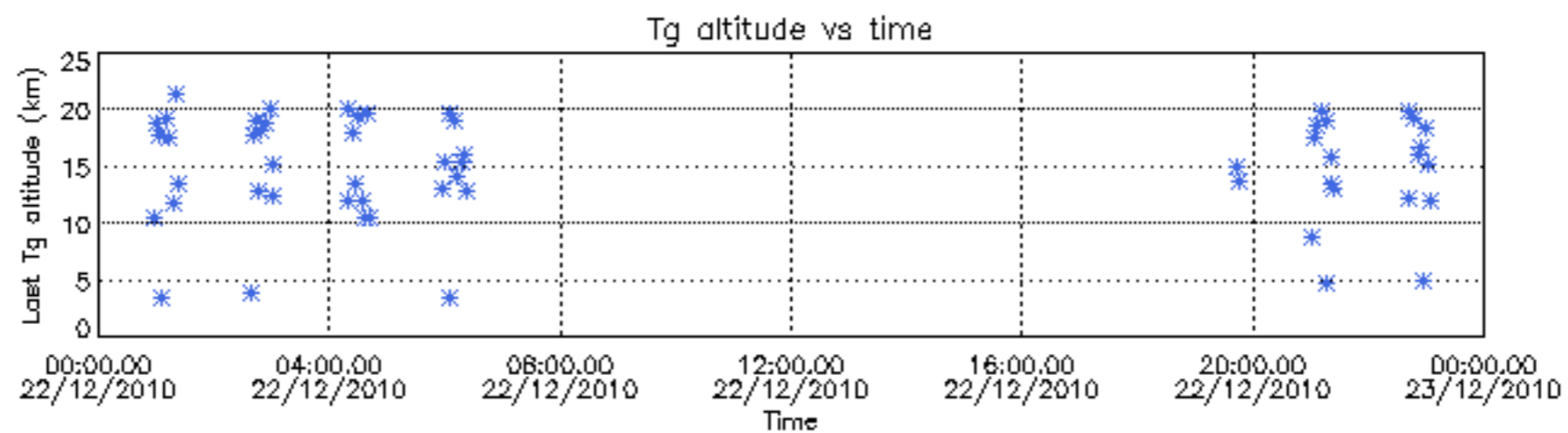
Percentage of star falling outside central band per profile



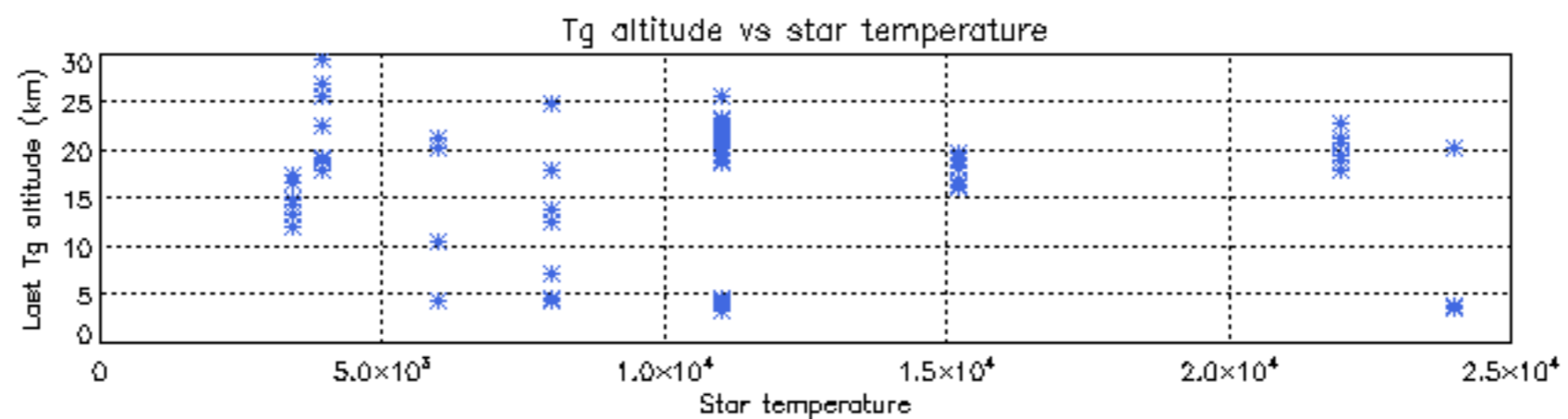
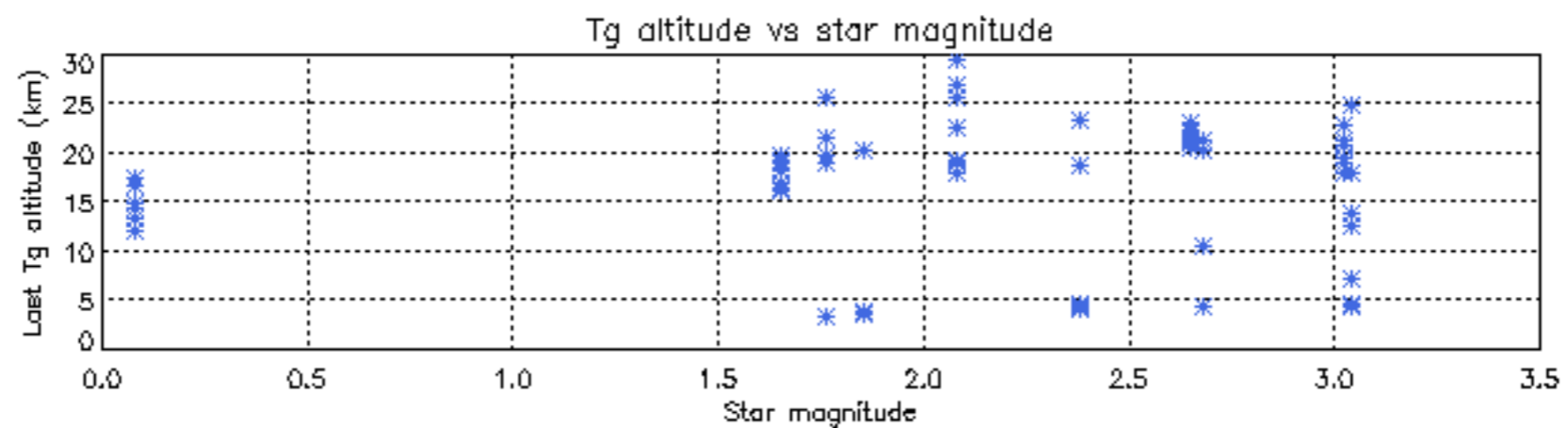
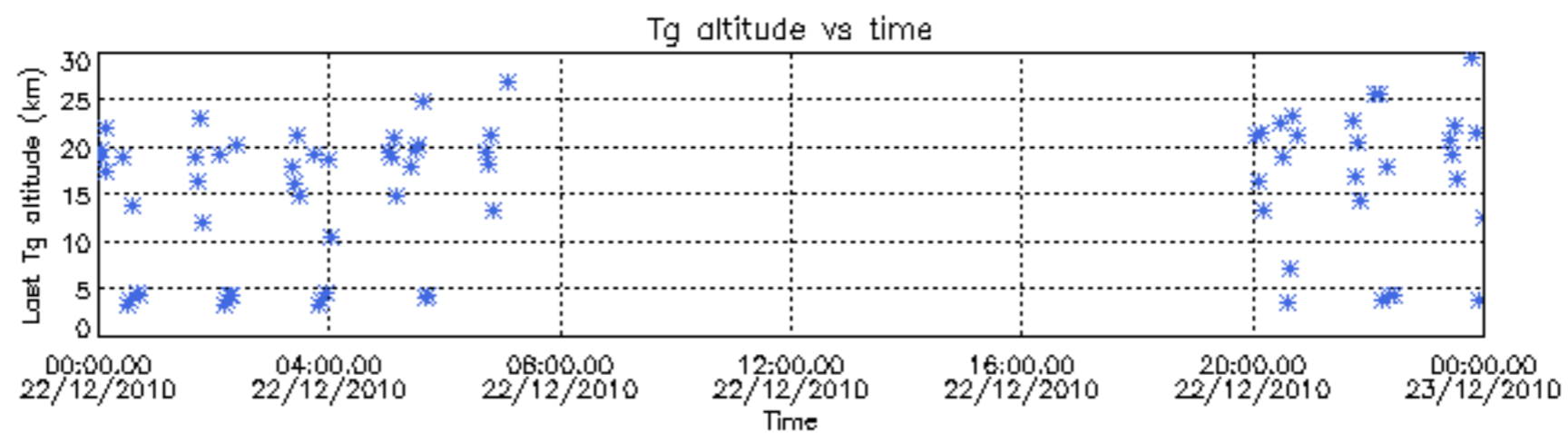
Percentage of saturation errors per profile

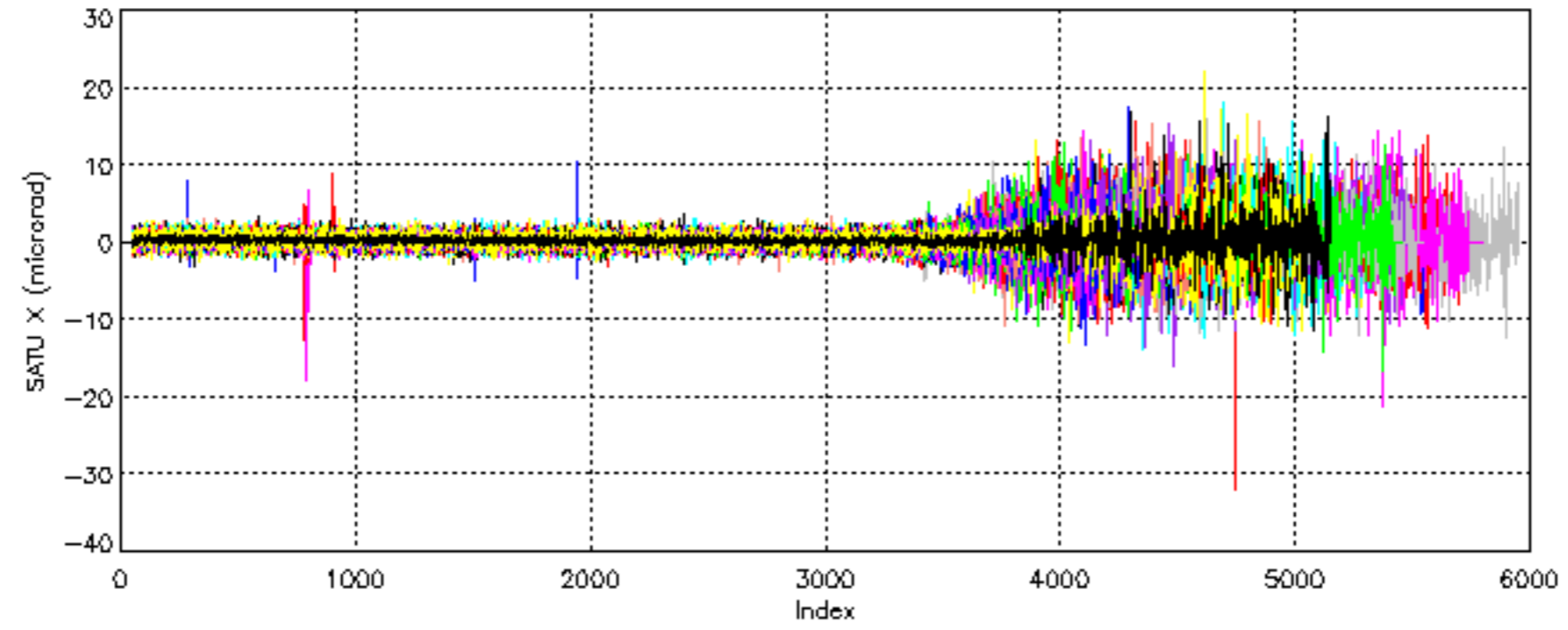


Tangent altitude at which the star is lost

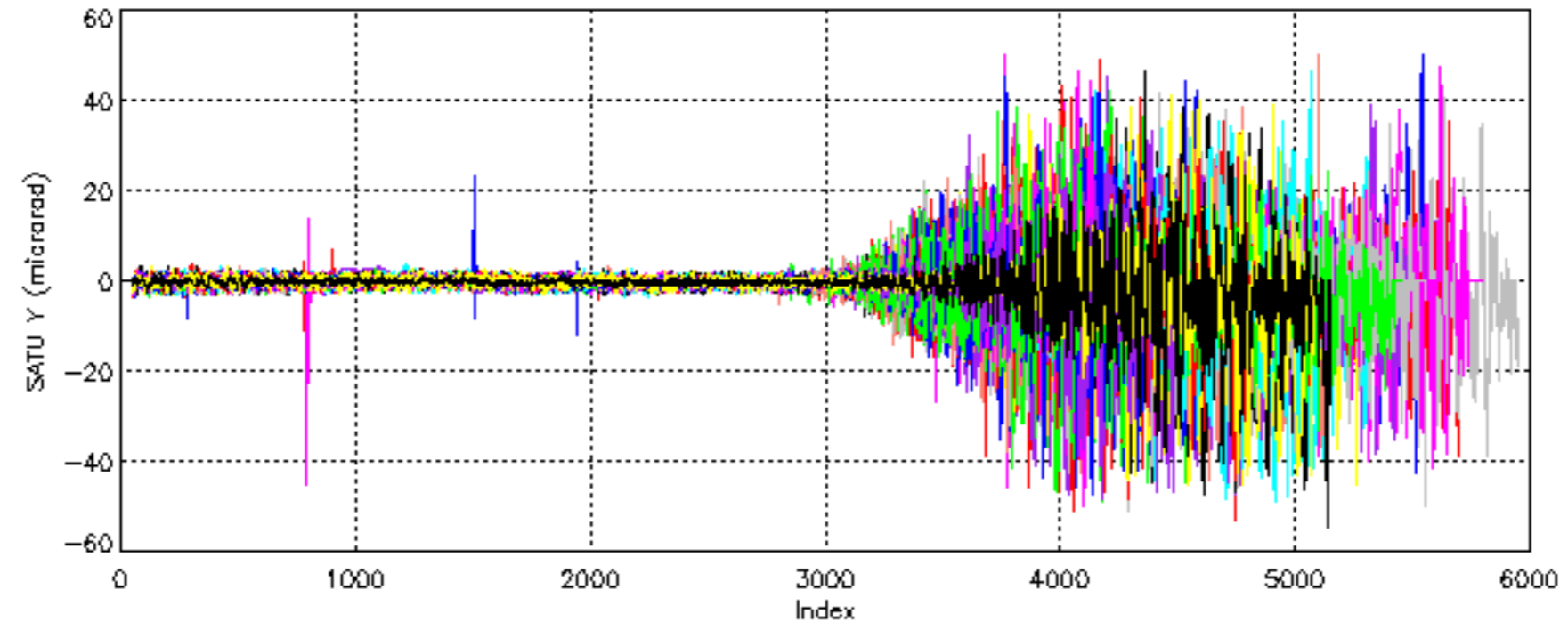


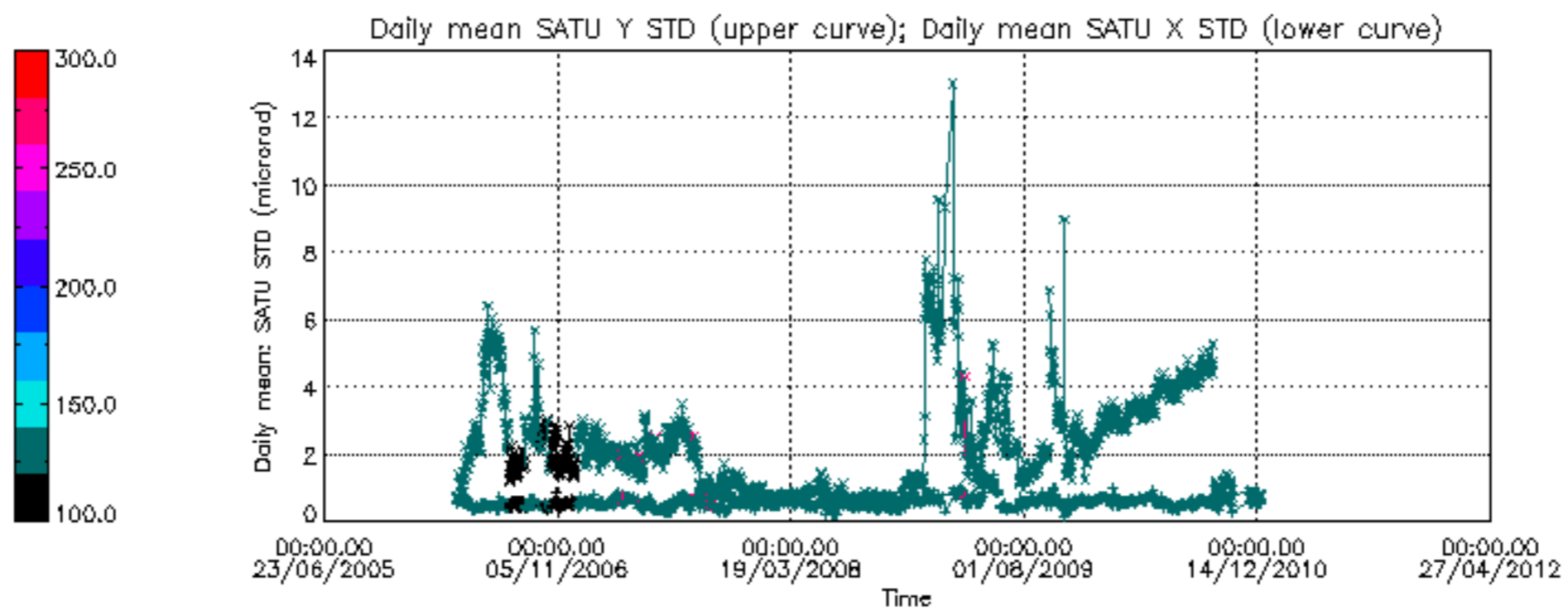
Tangent altitude at which the star is lost











/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20101201\_002235\_000056993097\_00059\_45763\_1795.N1

1; -581.2; 01-DEC-2010 00:22:35; Dark ; 49.0; 100; 4Gam Crv ; 2.58; 13100;occ; 98; 0;45763  
 2; -485.7; 01-DEC-2010 00:24:11; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;45763  
 3; 80.8; 01-DEC-2010 00:33:37; Dark ; 42.0; 113; Mu Vel ; 2.69; 5000;occ; 84; 0;45764  
 4; 404.8; 01-DEC-2010 00:39:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45764  
 5; 595.6; 01-DEC-2010 00:42:12; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;45764  
 6; 797.9; 01-DEC-2010 00:45:35; Dark ; 49.0; 2; Alp Car ;-0.74; 7000;occ; 98; 0;45764  
 7; 907.6; 01-DEC-2010 00:47:24; Dark ; 59.5; 117; Pi Pup ; 2.71; 3800;occ; 119; 0;45764  
 8; 1181.6; 01-DEC-2010 00:51:58; Dark ; 47.0; 108; Alp Col ; 2.65; 15200;occ; 94; 0;45764  
 9; 1523.2; 01-DEC-2010 00:57:40; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;45764  
 10; 1739.4; 01-DEC-2010 01:01:16; Dark ; 68.5; 7; 19Bet Ori ; 0.10; 14000;occ; 137; 0;45764  
 11; 2218.1; 01-DEC-2010 01:09:15; Bright; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;45764  
 12; 2314.7; 01-DEC-2010 01:10:51; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 0;45764  
 13; 2456.2; 01-DEC-2010 01:13:13; Bright; 36.5; 150; 44Zet Per ; 2.89; 28000;occ; 73; 0;45764  
 14; 2601.4; 01-DEC-2010 01:15:38; Bright; 37.0; 149; 45Eps Per ; 2.89; 30000;occ; 74; 0;45764  
 15; 2722.5; 01-DEC-2010 01:17:39; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45764  
 16; 2831.7; 01-DEC-2010 01:19:28; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;45764  
 17; 2940.4; 01-DEC-2010 01:21:17; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;45764  
 18; 3801.3; 01-DEC-2010 01:35:38; Bright; 45.0; 36; 50Alp UMa ; 1.80; 6300;occ; 90; 0;45764  
 19; 3896.8; 01-DEC-2010 01:37:13; Bright; 68.0; 82; 48Bet UMa ; 2.37; 10600;occ; 136; 0;45764  
 20; 3994.3; 01-DEC-2010 01:38:51; Bright; 38.0; 32; 77Eps UMa ; 1.76; 11000;occ; 76; 0;45764  
 21; 4165.0; 01-DEC-2010 01:41:42; Bright; 52.0; 174; 52Psi UMa ; 3.00; 4400;occ; 104; 0;45764  
 22; 4326.2; 01-DEC-2010 01:44:23; Bright; 39.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 78; 0;45764  
 23; 4896.6; 01-DEC-2010 01:53:53; Bright; 56.5; 62; 94Bet Leo ; 2.14; 9700;occ; 113; 0;45764  
 24; 5095.3; 01-DEC-2010 01:57:12; Bright; 23.5; 121; 29Gam Vir ; 2.74; 7200;occ; 47; 0;45764

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20101201\_015712\_000038993097\_00060\_45764\_1796.N1

1; -918.7; 01-DEC-2010 01:57:12; Bright; 62.0; 121; 29Gam Vir ; 2.74; 7200;occ; 124; 0;45764  
 2; 81.8; 01-DEC-2010 02:13:52; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;45765  
 3; 405.6; 01-DEC-2010 02:19:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45765  
 4; 596.6; 01-DEC-2010 02:22:27; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45765  
 5; 798.6; 01-DEC-2010 02:25:49; Dark ; 58.0; 2; Alp Car ;-0.74; 7000;occ; 116; 0;45765  
 6; 908.6; 01-DEC-2010 02:27:39; Dark ; 64.0; 117; Pi Pup ; 2.71; 3800;occ; 128; 0;45765  
 7; 1182.1; 01-DEC-2010 02:32:13; Dark ; 47.0; 108; Alp Col ; 2.65; 15200;occ; 94; 0;45765  
 8; 1523.4; 01-DEC-2010 02:37:54; Dark ; 55.0; 101; 11Alp Lep ; 2.58; 7000;occ; 110; 0;45765  
 9; 1739.4; 01-DEC-2010 02:41:30; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;45765  
 10; 2217.8; 01-DEC-2010 02:49:28; Bright; 59.0; 13; 87Alp Tau ; 0.87; 3800;occ; 118; 0;45765  
 11; 2314.7; 01-DEC-2010 02:51:05; Bright; 39.5; 146; 25Eta Tau ; 2.87; 15200;occ; 79; 0;45765  
 12; 2456.0; 01-DEC-2010 02:53:27; Bright; 39.5; 150; 44Zet Per ; 2.89; 28000;occ; 79; 0;45765  
 13; 2601.2; 01-DEC-2010 02:55:52; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;45765  
 14; 2722.2; 01-DEC-2010 02:57:53; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45765  
 15; 2831.1; 01-DEC-2010 02:59:42; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;45765  
 16; 2939.5; 01-DEC-2010 03:01:30; Bright; 41.5; 42; 34Bet Aur ; 1.90; 10200;occ; 83; 0;45765

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20101201\_031552\_000051983097\_00061\_45765\_1797.N1

1; -2213.0; 01-DEC-2010 03:15:52; Bright; 45.5; 36; 50Alp UMa ; 1.80; 6300;occ; 91; 0;45765  
 2; -2117.5; 01-DEC-2010 03:17:27; Bright; 48.0; 82; 48Bet UMa ; 2.37; 10600;occ; 96; 0;45765  
 3; -2019.8; 01-DEC-2010 03:19:05; Bright; 41.5; 32; 77Eps UMa ; 1.76; 11000;occ; 83; 0;45765  
 4; -1849.2; 01-DEC-2010 03:21:55; Bright; 67.0; 174; 52Psi UMa ; 3.00; 4400;occ; 134; 0;45765  
 5; -1687.8; 01-DEC-2010 03:24:37; Bright; 40.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 80; 0;45765  
 6; -1116.8; 01-DEC-2010 03:34:08; Bright; 58.0; 62; 94Bet Leo ; 2.14; 9700;occ; 116; 0;45765  
 7; -918.1; 01-DEC-2010 03:37:27; Bright; 45.0; 121; 29Gam Vir ; 2.74; 7200;occ; 90; 0;45765  
 8; -579.5; 01-DEC-2010 03:43:05; Dark ; 44.0; 100; 4Gam Crv ; 2.58; 13100;occ; 88; 0;45765  
 9; -484.1; 01-DEC-2010 03:44:41; Dark ; 47.0; 171; 2Eps Crv ; 3.00; 4250;occ; 94; 0;45765  
 10; 82.7; 01-DEC-2010 03:54:07; Dark ; 42.5; 113; Mu Vel ; 2.69; 5000;occ; 85; 0;45766  
 11; 406.4; 01-DEC-2010 03:59:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45766  
 12; 597.5; 01-DEC-2010 04:02:42; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45766  
 13; 799.1; 01-DEC-2010 04:06:04; Dark ; 56.0; 2; Alp Car ;-0.74; 7000;occ; 112; 0;45766  
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 24; 6428.9; 01-DEC-2010 20:42:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45776  
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 23; 4859.2; 05-DEC-2010 01:06:36; Bright; 44.0; 138; 47Eps Vir ; 2.83; 4700;occ; 88; 0;45821  
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 9; 2898.0; 04-DEC-2010 07:51:34; Bright; 48.5; 42; 34Bet Aur ; 1.90; 10200;occ; 97; 0;45811  
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23; 6464.7; 04-DEC-2010 20:32:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45819
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7; 2445.6; 05-DEC-2010 02:06:36; Bright; 20.0; 150; 44Zet Per ; 2.89; 28000;occ; 40; 0;45822
8; 2553.5; 05-DEC-2010 02:08:24; Bright; 45.0; 114; 3Iot Aur ; 2.69; 4600;occ; 90; 47;45822
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13; 4120.1; 05-DEC-2010 02:34:30; Bright; 48.5; 39; 85Eta UMa ; 1.85; 24000;occ; 97; 50;45822
14; 4345.1; 05-DEC-2010 02:38:16; Bright; 41.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 83; 59;45822
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16; 4862.1; 05-DEC-2010 02:46:52; Bright; 23.5; 138; 47Eps Vir ; 2.83; 4700;occ; 47; 17;45822
17; 5131.6; 05-DEC-2010 02:51:22; Bright; 13.0; 121; 29Gam Vir ; 2.74; 7200;occ; 26; 0;45822
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6; 2307.4; 05-DEC-2010 15:26:10; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 0;45830  
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8; 2534.4; 05-DEC-2010 15:29:57; Bright; 44.5; 114; 3Iot Aur ; 2.69; 4600;occ; 89; 0;45830  
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 14; 4120.3; 07-DEC-2010 13:02:42; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;45857  
 15; 4330.6; 07-DEC-2010 13:06:12; Bright; 42.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 85; 0;45857  
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 17; 4875.5; 07-DEC-2010 13:15:17; Bright; 44.5; 138; 47Eps Vir ; 2.83; 4700;occ; 89; 0;45857  
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 19; 5432.3; 07-DEC-2010 13:24:34; Dark ; 45.0; 169; 46Gam Hya ; 2.99; 4700;occ; 90; 0;45857  
 20; 5517.0; 07-DEC-2010 13:25:58; Dark ; 50.0; 100; 4Gam Crv ; 2.58; 13100;occ; 100; 0;45857  
 21; 5613.4; 07-DEC-2010 13:27:35; Dark ; 54.5; 171; 2Eps Crv ; 3.00; 4250;occ; 109; 0;45857  
 22; 5968.9; 07-DEC-2010 13:33:30; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;45857  
 23; 6171.3; 07-DEC-2010 13:36:53; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45858  
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 26; 6858.3; 07-DEC-2010 13:48:20; Dark ; 48.5; 2; Alp Car ; -0.74; 7000;occ; 97; 0;45858  
 27; 6995.0; 07-DEC-2010 13:50:36; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;45858  
 28; 7231.8; 07-DEC-2010 13:54:33; Dark ; 44.0; 108; Alp Col ; 2.65; 15200;occ; 88; 0;45858

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 8; 2521.9; 07-DEC-2010 14:16:17; Bright; 43.0; 114; 3Iot Aur ; 2.69; 4600;occ; 86; 0;45858  
 9; 2709.2; 07-DEC-2010 14:19:25; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45858  
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 11; 3765.5; 07-DEC-2010 14:37:01; Bright; 46.5; 36; 50Alp UMa ; 1.80; 6300;occ; 93; 0;45858  
 12; 3857.4; 07-DEC-2010 14:38:33; Bright; 49.5; 82; 48Bet UMa ; 2.37; 10600;occ; 99; 0;45858  
 13; 3983.8; 07-DEC-2010 14:40:39; Bright; 41.0; 32; 77Eps UMa ; 1.76; 11000;occ; 82; 0;45858  
 14; 4120.4; 07-DEC-2010 14:42:56; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;45858  
 15; 4330.6; 07-DEC-2010 14:46:26; Bright; 42.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 84; 0;45858  
 16; 4673.9; 07-DEC-2010 14:52:09; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;45858  
 17; 4876.0; 07-DEC-2010 14:55:31; Bright; 64.0; 138; 47Eps Vir ; 2.83; 4700;occ; 128; 0;45858  
 18; 5157.5; 07-DEC-2010 15:00:13; Dark ; 53.5; 121; 29Gam Vir ; 2.74; 7200;occ; 107; 0;45858  
 19; 5432.9; 07-DEC-2010 15:04:48; Dark ; 43.0; 169; 46Gam Hya ; 2.99; 4700;occ; 86; 0;45858  
 20; 5518.1; 07-DEC-2010 15:06:14; Dark ; 54.5; 100; 4Gam Crv ; 2.58; 13100;occ; 109; 0;45858  
 21; 5614.4; 07-DEC-2010 15:07:50; Dark ; 50.0; 171; 2Eps Crv ; 3.00; 4250;occ; 100; 0;45858  
 22; 5969.5; 07-DEC-2010 15:13:45; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;45858  
 23; 6172.2; 07-DEC-2010 15:17:08; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45859  
 24; 6497.4; 07-DEC-2010 15:22:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45859  
 25; 6690.5; 07-DEC-2010 15:25:46; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45859  
 26; 6858.9; 07-DEC-2010 15:28:34; Dark ; 55.0; 2; Alp Car ; -0.74; 7000;occ; 110; 0;45859  
 27; 6995.8; 07-DEC-2010 15:30:51; Dark ; 61.5; 117; Pi Pup ; 2.71; 3800;occ; 123; 0;45859  
 28; 7232.1; 07-DEC-2010 15:34:48; Dark ; 46.5; 108; Alp Col ; 2.65; 15200;occ; 93; 0;45859

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 2; 1735.8; 07-DEC-2010 15:43:25; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;45859  
 3; 1891.2; 07-DEC-2010 15:46:01; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;45859  
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 5; 2192.9; 07-DEC-2010 15:51:02; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;45859  
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 7; 2441.0; 07-DEC-2010 15:55:11; Bright; 38.0; 150; 44Zet Per ; 2.89; 28000;occ; 76; 0;45859  
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 9; 2708.8; 07-DEC-2010 15:59:38; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45859  
 10; 2858.9; 07-DEC-2010 16:02:08; Bright; 49.0; 42; 34Bet Aur ; 1.90; 10200;occ; 98; 0;45859  
 11; 3765.0; 07-DEC-2010 16:17:15; Bright; 66.0; 36; 50Alp UMa ; 1.80; 6300;occ; 132; 0;45859  
 12; 3857.0; 07-DEC-2010 16:18:46; Bright; 49.5; 82; 48Bet UMa ; 2.37; 10600;occ; 99; 0;45859  
 13; 3983.6; 07-DEC-2010 16:20:53; Bright; 41.5; 32; 77Eps UMa ; 1.76; 11000;occ; 83; 0;45859  
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 16; 4674.2; 07-DEC-2010 16:32:24; Bright; 56.0; 111; 8Eta Boo ; 2.68; 6000;occ; 112; 0;45859  
 17; 4876.5; 07-DEC-2010 16:35:46; Bright; 43.0; 138; 47Eps Vir ; 2.83; 4700;occ; 86; 0;45859  
 18; 5158.1; 07-DEC-2010 16:40:28; Dark ; 53.0; 121; 29Gam Vir ; 2.74; 7200;occ; 106; 0;45859  
 19; 5433.5; 07-DEC-2010 16:45:03; Dark ; 43.0; 169; 46Gam Hya ; 2.99; 4700;occ; 86; 0;45859  
 20; 5519.1; 07-DEC-2010 16:46:29; Dark ; 50.0; 100; 4Gam Crv ; 2.58; 13100;occ; 100; 0;45859  
 21; 5615.4; 07-DEC-2010 16:48:05; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;45859  
 22; 5970.1; 07-DEC-2010 16:54:00; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;45859  
 23; 6173.1; 07-DEC-2010 16:57:23; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;45860  
 24; 6498.3; 07-DEC-2010 17:02:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45860  
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 26; 6859.4; 07-DEC-2010 17:08:49; Dark ; 49.0; 2; Alp Car ; -0.74; 7000;occ; 98; 0;45860  
 27; 6996.5; 07-DEC-2010 17:11:06; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;45860

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 11; 2708.7; 07-DEC-2010 17:39:52; Bright; 35.5; 175; 39Del Per ; 3.01; 19400;occ; 71; 0;45860  
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 13; 3764.6; 07-DEC-2010 17:57:28; Bright; 45.0; 36; 50Alp UMa ; 1.80; 6300;occ; 90; 0;45860  
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 15; 3983.4; 07-DEC-2010 18:01:07; Bright; 42.5; 32; 77Eps UMa ; 1.76; 11000;occ; 85; 0;45860  
 16; 4120.4; 07-DEC-2010 18:03:24; Bright; 40.0; 39; 85Eta UMa ; 1.85; 24000;occ; 80; 0;45860  
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 23; 5616.4; 07-DEC-2010 18:28:20; Dark ; 53.5; 171; 2Eps Crv ; 3.00; 4250;occ; 107; 0;45860  
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 25; 6173.8; 07-DEC-2010 18:37:37; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;45861  
 26; 6499.0; 07-DEC-2010 18:43:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45861  
 27; 6692.2; 07-DEC-2010 18:46:16; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45861  
 28; 6859.9; 07-DEC-2010 18:49:03; Dark ; 49.0; 2; Alp Car ; -0.74; 7000;occ; 98; 0;45861  
 29; 6997.1; 07-DEC-2010 18:51:21; Dark ; 0.5; 117; Pi Pup ; 2.71; 3800;occ; 1; 0;45861

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19; 4877.4; 07-DEC-2010 19:56:15; Bright; 46.5; 138; 47Eps Vir ; 2.83; 4700;occ; 93; 0;45861
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27; 6692.8; 07-DEC-2010 20:26:31; Dark ; 54.0; 34; Gam2Vel ; 1.79; 23000;occ; 108; 0;45862
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29; 6998.0; 07-DEC-2010 20:31:36; Dark ; 37.5; 117; Pi Pup ; 2.71; 3800;occ; 75; 0;45862
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2; 1874.7; 14-DEC-2010 13:08:53; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;45958
3; 2068.0; 14-DEC-2010 13:12:06; Dark ; 63.5; 14; 58Alp Ori ; 0.87; 3000;occ; 127; 0;45958
4; 2178.6; 14-DEC-2010 13:13:57; Dark ; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;45958
5; 2319.2; 14-DEC-2010 13:16:17; Bright; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;45958
6; 2441.7; 14-DEC-2010 13:18:20; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;45958
7; 2661.9; 14-DEC-2010 13:22:00; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;45958
8; 2790.7; 14-DEC-2010 13:24:09; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;45958
9; 3720.1; 14-DEC-2010 13:29:38; Bright; 46.5; 36; 50Alp UMa ; 1.80; 6300;occ; 93; 0;45958
10; 3966.4; 14-DEC-2010 13:43:44; Bright; 43.0; 32; 77Eps UMa ; 1.76; 11000;occ; 86; 0;45958
11; 4117.8; 14-DEC-2010 13:46:16; Bright; 41.0; 39; 85Eta UMa ; 1.85; 24000;occ; 82; 0;45958
12; 4315.0; 14-DEC-2010 13:49:33; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;45958
13; 4505.4; 14-DEC-2010 13:52:43; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;45958
14; 4701.1; 14-DEC-2010 13:55:59; Bright; 41.0; 111; 8Eta Boo ; 2.68; 6000;occ; 82; 0;45958

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 17; 5495.8; 14-DEC-2010 14:09:14; Dark ; 49.0; 169; 46Gam Hya ; 2.99; 4700;occ; 98; 0;45958  
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 19; 5727.5; 14-DEC-2010 14:13:06; Dark ; 59.5; 171; 2Eps Crv ; 3.00; 4250;occ; 119; 0;45958  
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 21; 6033.1; 14-DEC-2010 14:18:11; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;45959  
 22; 6258.7; 14-DEC-2010 14:21:57; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;45959  
 23; 6491.1; 14-DEC-2010 14:25:49; Dark ; 43.0; 71; Iot Car ; 2.25; 7700;occ; 86; 0;45959  
 24; 6575.9; 14-DEC-2010 14:27:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45959  
 25; 6767.4; 14-DEC-2010 14:30:25; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;45959  
 26; 6901.9; 14-DEC-2010 14:32:40; Dark ; 53.0; 2; Alp Car ;-0.74; 7000;occ; 106; 0;45959  
 27; 7060.3; 14-DEC-2010 14:35:18; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 0;45959  
 28; 7257.7; 14-DEC-2010 14:38:36; Dark ; 54.0; 23; 21Eps CMA ; 1.50; 26000;occ; 108; 0;45959

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 4; -73.4; 15-DEC-2010 00:18:03; Dark ; 47.0; 64; Gam Cen ; 2.20; 10600;occ; 94; 0;45964  
 5; 23.0; 15-DEC-2010 00:19:39; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;45965  
 6; 249.8; 15-DEC-2010 00:23:26; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45965  
 7; 480.5; 15-DEC-2010 00:27:17; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;45965  
 8; 566.4; 15-DEC-2010 00:28:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45965  
 9; 757.7; 15-DEC-2010 00:31:54; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;45965  
 10; 890.1; 15-DEC-2010 00:34:06; Dark ; 51.5; 2; Alp Car ;-0.74; 7000;occ; 103; 0;45965  
 11; 1049.7; 15-DEC-2010 00:36:46; Dark ; 53.0; 117; Pi Pup ; 2.71; 3800;occ; 106; 0;45965  
 12; 1246.2; 15-DEC-2010 00:40:02; Dark ; 58.5; 23; 21Eps CMA ; 1.50; 26000;occ; 117; 0;45965  
 13; 1523.2; 15-DEC-2010 00:44:39; Dark ; 54.0; 47; 2Bet CMA ; 1.98; 28000;occ; 108; 0;45965  
 14; 1737.2; 15-DEC-2010 00:48:13; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;45965  
 15; 1873.6; 15-DEC-2010 00:50:30; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;45965  
 16; 2065.4; 15-DEC-2010 00:53:42; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;45965  
 17; 2177.9; 15-DEC-2010 00:55:34; Dark ; 47.5; 13; 87Alp Tau ; 0.87; 3800;occ; 95; 0;45965  
 18; 2315.9; 15-DEC-2010 00:57:52; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;45965  
 19; 2438.8; 15-DEC-2010 00:59:55; Bright; 44.0; 28; 12Bet Tau ; 1.65; 15200;occ; 88; 0;45965  
 20; 2657.2; 15-DEC-2010 01:03:34; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;45965  
 21; 2786.4; 15-DEC-2010 01:05:43; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;45965  
 22; 3686.1; 15-DEC-2010 01:20:42; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;45965  
 23; 3964.9; 15-DEC-2010 01:25:21; Bright; 62.0; 32; 77Eps UMa ; 1.76; 11000;occ; 124; 0;45965  
 24; 4117.3; 15-DEC-2010 01:27:54; Bright; 58.0; 39; 85Eta UMa ; 1.85; 24000;occ; 116; 0;45965  
 25; 4315.6; 15-DEC-2010 01:31:12; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;45965  
 26; 4506.5; 15-DEC-2010 01:34:23; Bright; 54.0; 83; ; 2.38; 11000;occ; 108; 0;45965  
 27; 4703.0; 15-DEC-2010 01:37:39; Bright; 40.0; 111; 8Eta Boo ; 2.68; 6000;occ; 80; 0;45965  
 28; 4934.7; 15-DEC-2010 01:41:31; Bright; 48.5; 138; 47Eps Vir ; 2.83; 4700;occ; 97; 0;45965

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 3; -277.5; 15-DEC-2010 01:54:53; Dark ; 57.5; 171; 2Eps Crv ; 3.00; 4250;occ; 115; 0;45965  
 4; -72.7; 15-DEC-2010 01:58:18; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;45965  
 5; 23.9; 15-DEC-2010 01:59:54; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;45966  
 6; 250.7; 15-DEC-2010 02:03:41; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45966  
 7; 481.2; 15-DEC-2010 02:07:31; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;45966  
 8; 567.2; 15-DEC-2010 02:08:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45966  
 9; 758.4; 15-DEC-2010 02:12:09; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;45966  
 10; 890.5; 15-DEC-2010 02:14:21; Dark ; 40.0; 2; Alp Car ;-0.74; 7000;occ; 80; 0;45966  
 11; 1050.4; 15-DEC-2010 02:17:01; Dark ; 53.0; 117; Pi Pup ; 2.71; 3800;occ; 106; 0;45966  
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 13; 1523.4; 15-DEC-2010 02:24:54; Dark ; 56.0; 47; 2Bet CMA ; 1.98; 28000;occ; 112; 0;45966  
 14; 1737.3; 15-DEC-2010 02:28:28; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;45966  
 15; 1873.6; 15-DEC-2010 02:30:44; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;45966  
 16; 2065.0; 15-DEC-2010 02:33:55; Dark ; 67.0; 14; 58Alp Ori ; 0.87; 3000;occ; 134; 0;45966  
 17; 2177.9; 15-DEC-2010 02:35:48; Dark ; 50.5; 13; 87Alp Tau ; 0.87; 3800;occ; 101; 0;45966  
 18; 2315.7; 15-DEC-2010 02:38:06; Bright; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;45966  
 19; 2438.3; 15-DEC-2010 02:40:09; Bright; 43.5; 28; 12Bet Tau ; 1.65; 15200;occ; 87; 0;45966  
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 21; 2786.1; 15-DEC-2010 02:45:56; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;45966

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4;-1698.3; 15-DEC-2010 03:11:26; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;45966
5;-1507.2; 15-DEC-2010 03:14:37; Bright; 46.0; 83; ; 2.38; 11000;occ; 92; 0;45966
6;-1310.7; 15-DEC-2010 03:17:54; Bright; 50.5; 111; 8Eta Boo ; 2.68; 6000;occ; 101; 0;45966
7;-1078.7; 15-DEC-2010 03:21:46; Bright; 73.0; 138; 47Eps Vir ; 2.83; 4700;occ; 146; 0;45966
8; -721.8; 15-DEC-2010 03:27:43; Dark ; 55.5; 15; 67Alp Vir ; 0.98; 28000;occ; 111; 0;45966
9; -512.4; 15-DEC-2010 03:31:12; Dark ; 45.5; 169; 46Gam Hya ; 2.99; 4700;occ; 91; 0;45966
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11; -72.0; 15-DEC-2010 03:38:32; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;45966
12; 24.7; 15-DEC-2010 03:40:09; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;45967
13; 251.7; 15-DEC-2010 03:43:56; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;45967
14; 481.9; 15-DEC-2010 03:47:46; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;45967
15; 567.9; 15-DEC-2010 03:49:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45967
16; 759.1; 15-DEC-2010 03:52:23; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;45967
17; 891.1; 15-DEC-2010 03:54:35; Dark ; 48.0; 2; Alp Car ;-0.74; 7000;occ; 96; 0;45967
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19; 1247.3; 15-DEC-2010 04:00:32; Dark ; 54.5; 23; 21Eps CMa ; 1.50; 26000;occ; 109; 0;45967
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21; 1737.4; 15-DEC-2010 04:08:42; Dark ; 49.0; 7; 19Bet Ori ; 0.10; 14000;occ; 98; 0;45967
22; 1873.7; 15-DEC-2010 04:10:58; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;45967
23; 2064.9; 15-DEC-2010 04:14:09; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;45967
24; 2178.0; 15-DEC-2010 04:16:02; Dark ; 53.5; 13; 87Alp Tau ; 0.87; 3800;occ; 107; 0;45967
25; 2315.3; 15-DEC-2010 04:18:20; Bright; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;45967
26; 2438.0; 15-DEC-2010 04:20:22; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;45967
27; 2656.2; 15-DEC-2010 04:24:01; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;45967
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3;-1896.8; 15-DEC-2010 04:48:22; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;45967
4;-1698.3; 15-DEC-2010 04:51:40; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;45967
5;-1507.0; 15-DEC-2010 04:54:51; Bright; 54.0; 83; ; 2.38; 11000;occ; 108; 0;45967
6;-1310.3; 15-DEC-2010 04:58:08; Bright; 39.5; 111; 8Eta Boo ; 2.68; 6000;occ; 79; 0;45967
7;-1078.1; 15-DEC-2010 05:02:00; Bright; 51.5; 138; 47Eps Vir ; 2.83; 4700;occ; 103; 0;45967
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9; -511.8; 15-DEC-2010 05:11:27; Dark ; 46.5; 169; 46Gam Hya ; 2.99; 4700;occ; 93; 0;45967
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13; 25.2; 15-DEC-2010 05:20:24; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;45968
14; 252.4; 15-DEC-2010 05:24:11; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45968
15; 482.6; 15-DEC-2010 05:28:01; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;45968
16; 568.6; 15-DEC-2010 05:29:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45968
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22; 1737.5; 15-DEC-2010 05:48:56; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;45968
23; 1873.6; 15-DEC-2010 05:51:12; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;45968
24; 2064.5; 15-DEC-2010 05:54:23; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;45968
25; 2177.9; 15-DEC-2010 05:56:16; Dark ; 48.0; 13; 87Alp Tau ; 0.87; 3800;occ; 96; 0;45968
26; 2314.9; 15-DEC-2010 05:58:33; Bright; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;45968
27; 2437.6; 15-DEC-2010 06:00:36; Bright; 41.5; 28; 12Bet Tau ; 1.65; 15200;occ; 83; 0;45968
28; 2655.7; 15-DEC-2010 06:04:14; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;45968
29; 2784.9; 15-DEC-2010 06:06:23; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;45968
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4; 1525.0; 15-DEC-2010 20:47:30; Dark ; 52.5; 47; 2Bet CMa ; 1.98; 28000;occ; 105; 0;45977
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14; 3940.6; 15-DEC-2010 21:27:45; Bright; 34.0; 87; 64Gam UMa ; 2.43; 11000;occ; 68; 0;45977
15; 4001.7; 15-DEC-2010 21:28:46; Bright; 38.5; 55; 79Zet UMa ; 2.06; 10200;occ; 77; 0;45977
16; 4116.6; 15-DEC-2010 21:30:41; Bright; 39.5; 39; 85Eta UMa ; 1.85; 24000;occ; 79; 0;45977
17; 4316.7; 15-DEC-2010 21:34:01; Bright; 55.0; 180; 27Gam Boo ; 3.04; 8000;occ; 110; 0;45977
18; 4508.6; 15-DEC-2010 21:37:13; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;45977
19; 4706.8; 15-DEC-2010 21:40:31; Bright; 43.5; 111; 8Eta Boo ; 2.68; 6000;occ; 87; 0;45977
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 4; -262.0; 15-DEC-2010 21:57:57; Dark ; 59.5; 171; 2Eps Crv ; 3.00; 4250;occ; 119; 0;45977
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15; 1737.9; 15-DEC-2010 22:31:17; Dark ; 50.5; 7; 19Bet Ori ; 0.10; 14000;occ; 101; 0;45978
16; 1872.6; 15-DEC-2010 22:33:31; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;45978
17; 2061.0; 15-DEC-2010 22:36:40; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;45978
18; 2177.1; 15-DEC-2010 22:38:36; Dark ; 48.0; 13; 87Alp Tau ; 0.87; 3800;occ; 96; 0;45978
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21; 2649.2; 15-DEC-2010 22:46:28; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;45978
22; 2779.1; 15-DEC-2010 22:48:38; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;45978
23; 3685.9; 15-DEC-2010 23:03:45; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;45978
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26; 4116.5; 15-DEC-2010 23:10:55; Bright; 58.0; 39; 85Eta UMa ; 1.85; 24000;occ; 116; 0;45978
27; 4316.6; 15-DEC-2010 23:14:15; Bright; 42.0; 180; 27Gam Boo ; 3.04; 8000;occ; 84; 0;45978
28; 4508.8; 15-DEC-2010 23:17:28; Bright; 54.0; 83; ; 2.38; 11000;occ; 108; 0;45978
29; 4707.0; 15-DEC-2010 23:20:46; Bright; 40.0; 111; 8Eta Boo ; 2.68; 6000;occ; 80; 0;45978
30; 4943.2; 15-DEC-2010 23:24:42; Bright; 52.5; 138; 47Eps Vir ; 2.83; 4700;occ; 105; 0;45978
31; 5300.8; 15-DEC-2010 23:30:39; Dark ; 38.5; 15; 67Alp Vir ; 0.98; 28000;occ; 77; 0;45978
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 6; 32.7; 15-DEC-2010 23:43:05; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;45979
 7; 262.3; 15-DEC-2010 23:46:55; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45979
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 9; 576.9; 15-DEC-2010 23:52:10; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45979
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16; 1872.4; 16-DEC-2010 00:13:45; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;45979
17; 2060.7; 16-DEC-2010 00:16:53; Dark ; 67.0; 14; 58Alp Ori ; 0.87; 3000;occ; 134; 0;45979
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19; 2310.4; 16-DEC-2010 00:21:03; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;45979
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21; 2648.6; 16-DEC-2010 00:26:41; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;45979
22; 2778.4; 16-DEC-2010 00:28:51; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;45979
23; 3685.9; 16-DEC-2010 00:43:59; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;45979
24; 3939.8; 16-DEC-2010 00:48:12; Bright; 30.0; 87; 64Gam UMa ; 2.43; 11000;occ; 60; 0;45979
25; 4001.4; 16-DEC-2010 00:49:14; Bright; 59.0; 55; 79Zet UMa ; 2.06; 10200;occ; 118; 0;45979

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 27; 4316.8; 16-DEC-2010 00:54:29; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;45979  
 28; 4508.9; 16-DEC-2010 00:57:42; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;45979  
 29; 4707.3; 16-DEC-2010 01:01:00; Bright; 60.0; 111; 8Eta Boo ; 2.68; 6000;occ; 120; 0;45979  
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 31; 5301.6; 16-DEC-2010 01:10:54; Dark ; 30.0; 15; 67Alp Vir ; 0.98; 28000;occ; 60; 0;45979

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 5;-1506.9; 15-DEC-2010 06:35:06; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;45968  
 6;-1309.9; 15-DEC-2010 06:38:23; Bright; 40.0; 111; 8Eta Boo ; 2.68; 6000;occ; 80; 0;45968  
 7;-1077.3; 15-DEC-2010 06:42:15; Bright; 49.0; 138; 47Eps Vir ; 2.83; 4700;occ; 98; 0;45968  
 8; -720.4; 15-DEC-2010 06:48:12; Dark ; 48.5; 15; 67Alp Vir ; 0.98; 28000;occ; 97; 0;45968  
 9; -511.0; 15-DEC-2010 06:51:41; Dark ; 47.5; 169; 46Gam Hya ; 2.99; 4700;occ; 95; 0;45968  
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 12; -70.7; 15-DEC-2010 06:59:02; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;45968  
 13; 26.0; 15-DEC-2010 07:00:38; Dark ; 43.0; 99; Del Cen ; 2.58; 26000;occ; 86; 0;45969  
 14; 253.3; 15-DEC-2010 07:04:26; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;45969  
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 16; 569.4; 15-DEC-2010 07:09:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45969  
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 18; 892.0; 15-DEC-2010 07:15:04; Dark ; 45.0; 2; Alp Car ; -0.74; 7000;occ; 90; 0;45969  
 19; 1052.2; 15-DEC-2010 07:17:45; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;45969  
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 12; 4117.2; 15-DEC-2010 08:08:50; Bright; 40.5; 39; 85Eta UMa ; 1.85; 24000;occ; 81; 0;45969  
 13; 4316.0; 15-DEC-2010 08:12:09; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;45969  
 14; 4507.4; 15-DEC-2010 08:15:20; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;45969  
 15; 4704.3; 15-DEC-2010 08:18:37; Bright; 39.5; 111; 8Eta Boo ; 2.68; 6000;occ; 79; 0;45969  
 16; 4937.4; 15-DEC-2010 08:22:30; Bright; 73.0; 138; 47Eps Vir ; 2.83; 4700;occ; 146; 0;45969  
 17; 5294.5; 15-DEC-2010 08:28:27; Dark ; 46.0; 15; 67Alp Vir ; 0.98; 28000;occ; 92; 0;45969  
 18; 5503.8; 15-DEC-2010 08:31:56; Dark ; 46.5; 169; 46Gam Hya ; 2.99; 4700;occ; 93; 0;45969  
 19; 5649.1; 15-DEC-2010 08:34:22; Dark ; 53.0; 106; 9Bet Crv ; 2.65; 5600;occ; 106; 0;45969  
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 22; 6040.7; 15-DEC-2010 08:40:53; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;45970  
 23; 6268.5; 15-DEC-2010 08:44:41; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45970  
 24; 6498.0; 15-DEC-2010 08:48:30; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;45970  
 25; 6584.1; 15-DEC-2010 08:49:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45970  
 26; 6775.4; 15-DEC-2010 08:53:08; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;45970  
 27; 6906.4; 15-DEC-2010 08:55:19; Dark ; 47.0; 2; Alp Car ; -0.74; 7000;occ; 94; 0;45970  
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13; 4507.5; 15-DEC-2010 09:55:34; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;45970
14; 4704.7; 15-DEC-2010 09:58:51; Bright; 60.0; 111; 8Eta Boo ; 2.68; 6000;occ; 120; 0;45970
15; 4938.0; 15-DEC-2010 10:02:45; Bright; 74.0; 138; 47Eps Vir ; 2.83; 4700;occ; 148; 0;45970
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17; 5504.5; 15-DEC-2010 10:12:11; Dark ; 45.5; 169; 46Gam Hya ; 2.99; 4700;occ; 91; 0;45970
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19; 5742.9; 15-DEC-2010 10:16:09; Dark ; 58.5; 171; 2Eps Crv ; 3.00; 4250;occ; 117; 0;45970
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26; 7067.3; 15-DEC-2010 10:38:14; Dark ; 52.5; 117; Pi Pup ; 2.71; 3800;occ; 105; 0;45971
27; 7262.9; 15-DEC-2010 10:41:29; Dark ; 55.0; 23; 21Eps CMA ; 1.50; 26000;occ; 110; 0;45971
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22; 6270.1; 15-DEC-2010 12:05:11; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45972
23; 6499.1; 15-DEC-2010 12:09:00; Dark ; 43.5; 71; Iot Car ; 2.25; 7700;occ; 87; 0;45972
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27; 7067.9; 15-DEC-2010 12:18:28; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;45972
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16; 4939.3; 15-DEC-2010 13:23:14; Bright; 74.0; 138; 47Eps Vir ; 2.83; 4700;occ; 148; 0;45972
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53; 8661.6; 16-DEC-2010 03:47:08; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;45981
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16; 3959.1; 16-DEC-2010 20:51:20; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;45991
17; 4115.8; 16-DEC-2010 20:53:57; Bright; 38.0; 39; 85Eta UMa ; 1.85; 24000;occ; 76; 0;45991
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19; 4511.1; 16-DEC-2010 21:00:32; Bright; 51.0; 83; ; 2.38; 11000;occ; 102; 0;45991
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12; 1064.8; 16-DEC-2010 21:43:20; Dark ; 55.5; 117; Pi Pup ; 2.71; 3800;occ; 111; 0;45992
13; 1257.7; 16-DEC-2010 21:46:33; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;45992
14; 1363.6; 16-DEC-2010 21:48:19; Dark ; 34.0; 179; 240mi2CMA ; 3.03; 24000;occ; 68; 0;45992
15; 1527.0; 16-DEC-2010 21:51:02; Dark ; 50.5; 47; 2Bet CMA ; 1.98; 28000;occ; 101; 0;45992
16; 1738.5; 16-DEC-2010 21:54:33; Dark ; 47.0; 7; 19Bet Ori ; 0.10; 14000;occ; 94; 0;45992
17; 1871.0; 16-DEC-2010 21:56:46; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;45992
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19; 2176.2; 16-DEC-2010 22:01:51; Dark ; 47.0; 13; 87Alp Tau ; 0.87; 3800;occ; 94; 0;45992
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22; 2640.4; 16-DEC-2010 22:09:35; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;45992
23; 2771.1; 16-DEC-2010 22:11:46; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;45992
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27; 4317.9; 16-DEC-2010 22:37:33; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;45992
28; 4511.2; 16-DEC-2010 22:40:46; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;45992
29; 4711.4; 16-DEC-2010 22:44:06; Bright; 61.0; 111; 8Eta Boo ; 2.68; 6000;occ; 122; 0;45992
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5; 42.5; 16-DEC-2010 23:06:31; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;45993
6; 274.6; 16-DEC-2010 23:10:24; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45993
7; 498.0; 16-DEC-2010 23:14:07; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;45993
8; 587.3; 16-DEC-2010 23:15:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45993
9; 777.5; 16-DEC-2010 23:18:46; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;45993
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11; 1065.4; 16-DEC-2010 23:23:34; Dark ; 53.0; 117; Pi Pup ; 2.71; 3800;occ; 106; 0;45993
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13; 1363.9; 16-DEC-2010 23:28:33; Dark ; 34.0; 179; 240mi2CMA ; 3.03; 24000;occ; 68; 0;45993
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 24; 3958.6; 17-DEC-2010 00:11:48; Bright; 41.0; 32; 77Eps UMa ; 1.76; 11000;occ; 82; 0;45993  
 25; 4115.6; 17-DEC-2010 00:14:25; Bright; 59.0; 39; 85Eta UMa ; 1.85; 24000;occ; 118; 0;45993  
 26; 4318.0; 17-DEC-2010 00:17:47; Bright; 40.5; 180; 27Gam Boo ; 3.04; 8000;occ; 81; 0;45993  
 27; 4511.4; 17-DEC-2010 00:21:00; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;45993  
 28; 4711.7; 17-DEC-2010 00:24:21; Bright; 40.5; 111; 8Eta Boo ; 2.68; 6000;occ; 81; 0;45993  
 29; 5311.9; 17-DEC-2010 00:34:21; Dark ; 56.5; 15; 67Alp Vir ; 0.98; 28000;occ; 113; 0;45993

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 9; -349.7; 16-DEC-2010 07:57:53; Dark ; 53.5; 106; 9Bet Crv ; 2.65; 5600;occ; 107; 0;45983  
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 13; 266.9; 16-DEC-2010 08:08:10; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45984  
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 19; 1204.1; 16-DEC-2010 08:23:47; Dark ; 34.0; 88; 31Eta CMa ; 2.45; 20000;occ; 68; 0;45984  
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 9; 3685.8; 16-DEC-2010 09:05:09; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;45984  
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 13; 4510.0; 16-DEC-2010 09:18:53; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;45984  
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 22; 6281.6; 16-DEC-2010 09:48:24; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45985  
 23; 6507.0; 16-DEC-2010 09:52:10; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;45985  
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23; 6282.4; 16-DEC-2010 11:28:39; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45986  
24; 6507.7; 16-DEC-2010 11:32:24; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;45986  
25; 6596.0; 16-DEC-2010 11:33:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45986  
26; 6786.7; 16-DEC-2010 11:37:04; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;45986  
27; 6913.6; 16-DEC-2010 11:39:10; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;45986  
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14; 4510.3; 16-DEC-2010 12:39:21; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;45986  
15; 4709.7; 16-DEC-2010 12:42:41; Bright; 39.5; 111; 8Eta Boo ; 2.68; 6000;occ; 79; 0;45986  
16; 4948.4; 16-DEC-2010 12:46:39; Bright; 42.0; 138; 47Eps Vir ; 2.83; 4700;occ; 84; 0;45986  
17; 5306.7; 16-DEC-2010 12:52:37; Dark ; 51.0; 15; 67Alp Vir ; 0.98; 28000;occ; 102; 0;45986  
18; 5516.3; 16-DEC-2010 12:56:07; Dark ; 44.0; 169; 46Gam Hya ; 2.99; 4700;occ; 88; 0;45986  
19; 5667.4; 16-DEC-2010 12:58:38; Dark ; 54.0; 106; 9Bet Crv ; 2.65; 5600;occ; 108; 0;45986  
20; 5764.1; 16-DEC-2010 13:00:15; Dark ; 52.0; 171; 2Eps Crv ; 3.00; 4250;occ; 104; 0;45986  
21; 5954.4; 16-DEC-2010 13:03:25; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;45986  
22; 6052.3; 16-DEC-2010 13:05:03; Dark ; 42.5; 99; Del Cen ; 2.58; 26000;occ; 85; 0;45987  
23; 6283.4; 16-DEC-2010 13:08:54; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;45987  
24; 6508.3; 16-DEC-2010 13:12:39; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;45987  
25; 6596.8; 16-DEC-2010 13:14:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45987  
26; 6787.4; 16-DEC-2010 13:17:18; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;45987  
27; 6914.4; 16-DEC-2010 13:19:25; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;45987  
28; 7076.2; 16-DEC-2010 13:22:07; Dark ; 58.5; 117; Pi Pup ; 2.71; 3800;occ; 117; 0;45987  
29; 7219.7; 16-DEC-2010 13:24:30; Dark ; 38.0; 88; 31Eta CMA ; 2.45; 20000;occ; 76; 0;45987  
30; 7310.8; 16-DEC-2010 13:26:02; Dark ; 58.0; 37; 25Del CMA ; 1.83; 5900;occ; 116; 0;45987  
31; 7540.6; 16-DEC-2010 13:29:51; Dark ; 31.0; 47; 2Bet CMA ; 1.98; 28000;occ; 62; 0;45987

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20101216\_132951\_000058743097\_00283\_45987\_2921.N1

1; 1526.6; 16-DEC-2010 13:29:51; Dark ; 51.0; 47; 2Bet CMA ; 1.98; 28000;occ; 102; 0;45987  
2; 1738.4; 16-DEC-2010 13:33:23; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;45987  
3; 1871.7; 16-DEC-2010 13:35:36; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;45987  
4; 2058.1; 16-DEC-2010 13:38:43; Dark ; 60.5; 14; 58Alp Ori ; 0.87; 3000;occ; 121; 0;45987  
5; 2176.7; 16-DEC-2010 13:40:41; Dark ; 44.5; 13; 87Alp Tau ; 0.87; 3800;occ; 89; 0;45987  
6; 2307.4; 16-DEC-2010 13:42:52; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;45987  
7; 2430.3; 16-DEC-2010 13:44:55; Bright; 43.5; 28; 12Bet Tau ; 1.65; 15200;occ; 87; 0;45987



8; 2643.7; 16-DEC-2010 13:48:28; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;45987  
9; 2773.9; 16-DEC-2010 13:50:39; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;45987  
10; 3685.9; 16-DEC-2010 14:05:51; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;45987  
11; 3960.2; 16-DEC-2010 14:10:25; Bright; 42.0; 32; 77Eps UMa ; 1.76; 11000;occ; 84; 0;45987  
12; 4116.3; 16-DEC-2010 14:13:01; Bright; 40.5; 39; 85Eta UMa ; 1.85; 24000;occ; 81; 0;45987  
13; 4317.7; 16-DEC-2010 14:16:22; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;45987  
14; 4510.6; 16-DEC-2010 14:19:35; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;45987  
15; 4709.9; 16-DEC-2010 14:22:55; Bright; 40.5; 111; 8Eta Boo ; 2.68; 6000;occ; 81; 0;45987  
16; 4949.2; 16-DEC-2010 14:26:54; Bright; 42.0; 138; 47Eps Vir ; 2.83; 4700;occ; 84; 0;45987  
17; 5307.5; 16-DEC-2010 14:32:52; Dark ; 55.5; 15; 67Alp Vir ; 0.98; 28000;occ; 111; 0;45987  
18; 5517.2; 16-DEC-2010 14:36:22; Dark ; 50.0; 169; 46Gam Hya ; 2.99; 4700;occ; 100; 0;45987  
19; 5668.5; 16-DEC-2010 14:38:53; Dark ; 54.0; 106; 9Bet Crv ; 2.65; 5600;occ; 108; 0;45987  
20; 5765.4; 16-DEC-2010 14:40:30; Dark ; 52.0; 171; 2Eps Crv ; 3.00; 4250;occ; 104; 0;45987  
21; 5955.2; 16-DEC-2010 14:43:40; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;45987  
22; 6053.1; 16-DEC-2010 14:45:18; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;45988  
23; 6284.3; 16-DEC-2010 14:49:09; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;45988  
24; 6509.0; 16-DEC-2010 14:52:54; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;45988  
25; 6597.6; 16-DEC-2010 14:54:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45988  
26; 6788.2; 16-DEC-2010 14:57:33; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;45988  
27; 6915.4; 16-DEC-2010 14:59:40; Dark ; 53.0; 70; Zet Pup ; 2.25; 39000;occ; 106; 0;45988  
28; 7077.0; 16-DEC-2010 15:02:22; Dark ; 55.5; 117; Pi Pup ; 2.71; 3800;occ; 111; 0;45988  
29; 7270.2; 16-DEC-2010 15:05:35; Dark ; 51.5; 23; 21Eps CMa ; 1.50; 26000;occ; 103; 0;45988  
30; 7376.7; 16-DEC-2010 15:07:21; Dark ; 24.5; 179; 240mi2CMa ; 3.03; 24000;occ; 49; 0;45988

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1; 1526.8; 16-DEC-2010 15:10:06; Dark ; 53.0; 47; 2Bet CMa ; 1.98; 28000;occ; 106; 0;45988  
2; 1738.5; 16-DEC-2010 15:13:37; Dark ; 47.5; 7; 19Bet Ori ; 0.10; 14000;occ; 95; 0;45988  
3; 1871.8; 16-DEC-2010 15:15:51; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;45988  
4; 2057.8; 16-DEC-2010 15:18:57; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;45988  
5; 2176.7; 16-DEC-2010 15:20:55; Dark ; 45.5; 13; 87Alp Tau ; 0.87; 3800;occ; 91; 0;45988  
6; 2307.2; 16-DEC-2010 15:23:06; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;45988  
7; 2430.1; 16-DEC-2010 15:25:09; Bright; 40.5; 28; 12Bet Tau ; 1.65; 15200;occ; 81; 0;45988  
8; 2643.2; 16-DEC-2010 15:28:42; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;45988  
9; 2773.4; 16-DEC-2010 15:30:52; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;45988  
10; 3685.8; 16-DEC-2010 15:46:05; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;45988  
11; 3960.0; 16-DEC-2010 15:50:39; Bright; 44.5; 32; 77Eps UMa ; 1.76; 11000;occ; 89; 0;45988  
12; 4116.2; 16-DEC-2010 15:53:15; Bright; 41.5; 39; 85Eta UMa ; 1.85; 24000;occ; 83; 0;45988  
13; 4317.9; 16-DEC-2010 15:56:37; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;45988  
14; 4510.7; 16-DEC-2010 15:59:50; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;45988  
15; 4710.3; 16-DEC-2010 16:03:09; Bright; 61.0; 111; 8Eta Boo ; 2.68; 6000;occ; 122; 0;45988  
16; 4950.1; 16-DEC-2010 16:07:09; Bright; 33.0; 138; 47Eps Vir ; 2.83; 4700;occ; 66; 0;45988  
17; 5308.3; 16-DEC-2010 16:13:07; Dark ; 55.0; 15; 67Alp Vir ; 0.98; 28000;occ; 110; 0;45988  
18; 5518.0; 16-DEC-2010 16:16:37; Dark ; 48.5; 169; 46Gam Hya ; 2.99; 4700;occ; 97; 0;45988  
19; 5669.8; 16-DEC-2010 16:19:09; Dark ; 53.5; 106; 9Bet Crv ; 2.65; 5600;occ; 107; 0;45988  
20; 5766.9; 16-DEC-2010 16:20:46; Dark ; 46.0; 171; 2Eps Crv ; 3.00; 4250;occ; 92; 0;45988  
21; 5955.9; 16-DEC-2010 16:23:55; Dark ; 46.5; 64; Gam Cen ; 2.20; 10600;occ; 93; 0;45988  
22; 6053.9; 16-DEC-2010 16:25:33; Dark ; 42.5; 99; Del Cen ; 2.58; 26000;occ; 85; 0;45989  
23; 6285.4; 16-DEC-2010 16:29:24; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;45989  
24; 6509.7; 16-DEC-2010 16:33:08; Dark ; 43.5; 71; Iot Car ; 2.25; 7700;occ; 87; 0;45989  
25; 6598.5; 16-DEC-2010 16:34:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45989  
26; 6789.0; 16-DEC-2010 16:37:48; Dark ; 52.0; 34; Gam2Vel ; 1.79; 23000;occ; 104; 0;45989  
27; 6916.1; 16-DEC-2010 16:39:55; Dark ; 50.5; 70; Zet Pup ; 2.25; 39000;occ; 101; 0;45989  
28; 7077.6; 16-DEC-2010 16:42:36; Dark ; 61.5; 117; Pi Pup ; 2.71; 3800;occ; 123; 0;45989  
29; 7270.7; 16-DEC-2010 16:45:49; Dark ; 6.5; 23; 21Eps CMa ; 1.50; 26000;occ; 13; 0;45989

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1; 1256.6; 16-DEC-2010 16:45:49; Dark ; 53.5; 23; 21Eps CMa ; 1.50; 26000;occ; 107; 0;45989  
2; 1362.9; 16-DEC-2010 16:47:36; Dark ; 25.0; 179; 240mi2CMa ; 3.03; 24000;occ; 50; 0;45989  
3; 1526.8; 16-DEC-2010 16:50:20; Dark ; 52.5; 47; 2Bet CMa ; 1.98; 28000;occ; 105; 0;45989  
4; 1738.4; 16-DEC-2010 16:53:51; Dark ; 50.0; 7; 19Bet Ori ; 0.10; 14000;occ; 100; 0;45989  
5; 1871.4; 16-DEC-2010 16:56:04; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;45989  
6; 2057.5; 16-DEC-2010 16:59:10; Dark ; 67.0; 14; 58Alp Ori ; 0.87; 3000;occ; 134; 0;45989  
7; 2176.5; 16-DEC-2010 17:01:09; Dark ; 51.5; 13; 87Alp Tau ; 0.87; 3800;occ; 103; 0;45989  
8; 2306.5; 16-DEC-2010 17:03:19; Bright; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;45989  
9; 2429.4; 16-DEC-2010 17:05:22; Bright; 43.5; 28; 12Bet Tau ; 1.65; 15200;occ; 87; 0;45989  
10; 2642.4; 16-DEC-2010 17:08:55; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;45989  
11; 2772.8; 16-DEC-2010 17:11:06; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;45989  
12; 3685.7; 16-DEC-2010 17:26:19; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;45989  
13; 3959.8; 16-DEC-2010 17:30:53; Bright; 41.0; 32; 77Eps UMa ; 1.76; 11000;occ; 82; 0;45989  
14; 4116.0; 16-DEC-2010 17:33:29; Bright; 42.0; 39; 85Eta UMa ; 1.85; 24000;occ; 84; 0;45989

15; 4317.9; 16-DEC-2010 17:36:51; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;45989  
 16; 4510.9; 16-DEC-2010 17:40:04; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;45989  
 17; 4710.6; 16-DEC-2010 17:43:24; Bright; 40.0; 111; 8Eta Boo ; 2.68; 6000;occ; 80; 0;45989  
 18; 4950.7; 16-DEC-2010 17:47:24; Bright; 33.0; 138; 47Eps Vir ; 2.83; 4700;occ; 66; 0;45989  
 19; 5309.0; 16-DEC-2010 17:53:22; Dark ; 51.5; 15; 67Alp Vir ; 0.98; 28000;occ; 103; 0;45989  
 20; 5518.7; 16-DEC-2010 17:56:52; Dark ; 46.5; 169; 46Gam Hya ; 2.99; 4700;occ; 93; 0;45989  
 21; 5670.8; 16-DEC-2010 17:59:24; Dark ; 56.5; 106; 9Bet Crv ; 2.65; 5600;occ; 113; 0;45989  
 22; 5768.1; 16-DEC-2010 18:01:01; Dark ; 46.0; 171; 2Eps Crv ; 3.00; 4250;occ; 92; 0;45989  
 23; 5956.4; 16-DEC-2010 18:04:09; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 0;45989  
 24; 6054.5; 16-DEC-2010 18:05:47; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;45990  
 25; 6286.2; 16-DEC-2010 18:09:39; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45990  
 26; 6510.2; 16-DEC-2010 18:13:23; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;45990  
 27; 6599.2; 16-DEC-2010 18:14:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45990  
 28; 6789.6; 16-DEC-2010 18:18:02; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;45990  
 29; 6916.7; 16-DEC-2010 18:20:10; Dark ; 53.5; 70; Zet Pup ; 2.25; 39000;occ; 107; 0;45990  
 30; 7078.0; 16-DEC-2010 18:22:51; Dark ; 30.5; 117; Pi Pup ; 2.71; 3800;occ; 61; 0;45990

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20101217\_003424\_000054523097\_00289\_45993\_1902.N1

1; -698.6; 17-DEC-2010 00:34:24; Dark ; 57.0; 15; 67Alp Vir ; 0.98; 28000;occ; 114; 7;45993  
 2; -492.4; 17-DEC-2010 00:37:50; Dark ; 47.0; 169; 46Gam Hya ; 2.99; 4700;occ; 94; 0;45993  
 3; -240.6; 17-DEC-2010 00:42:02; Dark ; 35.0; 171; 2Eps Crv ; 3.00; 4250;occ; 70; 0;45993  
 4; -55.2; 17-DEC-2010 00:45:08; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;45993  
 5; 43.0; 17-DEC-2010 00:46:46; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;45994  
 6; 275.5; 17-DEC-2010 00:50:38; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;45994  
 7; 498.6; 17-DEC-2010 00:54:22; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;45994  
 8; 588.1; 17-DEC-2010 00:55:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45994  
 9; 778.2; 17-DEC-2010 00:59:01; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;45994  
 10; 905.4; 17-DEC-2010 01:01:08; Dark ; 52.5; 70; Zet Pup ; 2.25; 39000;occ; 105; 0;45994  
 11; 1065.9; 17-DEC-2010 01:03:49; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;45994  
 12; 1258.4; 17-DEC-2010 01:07:01; Dark ; 52.5; 23; 21Eps CMa ; 1.50; 26000;occ; 105; 0;45994  
 13; 1364.4; 17-DEC-2010 01:08:47; Dark ; 39.0; 179; 240mi2CMa ; 3.03; 24000;occ; 78; 0;45994  
 14; 1527.5; 17-DEC-2010 01:11:30; Dark ; 51.0; 47; 2Bet CMa ; 1.98; 28000;occ; 102; 0;45994  
 15; 1738.3; 17-DEC-2010 01:15:01; Dark ; 50.0; 7; 19Bet Ori ; 0.10; 14000;occ; 100; 0;45994  
 16; 1870.9; 17-DEC-2010 01:17:14; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;45994  
 17; 2055.8; 17-DEC-2010 01:20:19; Dark ; 58.5; 14; 58Alp Ori ; 0.87; 3000;occ; 117; 0;45994  
 18; 2176.1; 17-DEC-2010 01:22:19; Dark ; 51.0; 13; 87Alp Tau ; 0.87; 3800;occ; 102; 0;45994  
 19; 2304.3; 17-DEC-2010 01:24:27; Bright; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;45994  
 20; 2427.4; 17-DEC-2010 01:26:30; Bright; 44.0; 28; 12Bet Tau ; 1.65; 15200;occ; 88; 0;45994  
 21; 2639.5; 17-DEC-2010 01:30:02; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;45994  
 22; 2770.0; 17-DEC-2010 01:32:13; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;45994  
 23; 3685.4; 17-DEC-2010 01:47:28; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;45994  
 24; 3958.4; 17-DEC-2010 01:52:01; Bright; 43.5; 32; 77Eps UMa ; 1.76; 11000;occ; 87; 0;45994  
 25; 4115.5; 17-DEC-2010 01:54:38; Bright; 43.0; 39; 85Eta UMa ; 1.85; 24000;occ; 86; 0;45994  
 26; 4318.1; 17-DEC-2010 01:58:01; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;45994  
 27; 4511.5; 17-DEC-2010 02:01:14; Bright; 43.0; 83; ; 2.38; 11000;occ; 86; 0;45994  
 28; 4712.1; 17-DEC-2010 02:04:35; Bright; 42.0; 111; 8Eta Boo ; 2.68; 6000;occ; 84; 0;45994

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1; -701.4; 17-DEC-2010 02:14:36; Dark ; 52.5; 15; 67Alp Vir ; 0.98; 28000;occ; 105; 0;45994  
 2; -337.7; 17-DEC-2010 02:20:39; Dark ; 57.5; 106; 9Bet Crv ; 2.65; 5600;occ; 115; 0;45994  
 3; -239.1; 17-DEC-2010 02:22:18; Dark ; 29.0; 171; 2Eps Crv ; 3.00; 4250;occ; 58; 0;45994  
 4; 43.9; 17-DEC-2010 02:27:01; Dark ; 46.5; 99; Del Cen ; 2.58; 26000;occ; 93; 0;45995  
 5; 276.5; 17-DEC-2010 02:30:53; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;45995  
 6; 499.3; 17-DEC-2010 02:34:36; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;45995  
 7; 588.8; 17-DEC-2010 02:36:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45995  
 8; 778.9; 17-DEC-2010 02:39:16; Dark ; 52.0; 34; Gam2Vel ; 1.79; 23000;occ; 104; 0;45995  
 9; 906.3; 17-DEC-2010 02:41:23; Dark ; 52.5; 70; Zet Pup ; 2.25; 39000;occ; 105; 0;45995  
 10; 1066.6; 17-DEC-2010 02:44:03; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;45995  
 11; 1259.0; 17-DEC-2010 02:47:16; Dark ; 53.5; 23; 21Eps CMa ; 1.50; 26000;occ; 107; 0;45995  
 12; 1364.8; 17-DEC-2010 02:49:02; Dark ; 39.0; 179; 240mi2CMa ; 3.03; 24000;occ; 78; 0;45995  
 13; 1527.6; 17-DEC-2010 02:51:44; Dark ; 52.5; 47; 2Bet CMa ; 1.98; 28000;occ; 105; 0;45995  
 14; 1738.5; 17-DEC-2010 02:55:15; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;45995  
 15; 1870.9; 17-DEC-2010 02:57:28; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;45995  
 16; 2055.5; 17-DEC-2010 03:00:32; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;45995  
 17; 2176.2; 17-DEC-2010 03:02:33; Dark ; 48.0; 13; 87Alp Tau ; 0.87; 3800;occ; 96; 0;45995  
 18; 2304.1; 17-DEC-2010 03:04:41; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;45995  
 19; 2427.2; 17-DEC-2010 03:06:44; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;45995  
 20; 2638.9; 17-DEC-2010 03:10:16; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;45995  
 21; 2769.5; 17-DEC-2010 03:12:26; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;45995

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1;-2328.6; 17-DEC-2010 03:27:42; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;45995  
 2;-2055.8; 17-DEC-2010 03:32:15; Bright; 44.0; 32; 77Eps UMa ; 1.76; 11000;occ; 88; 0;45995  
 3;-1898.5; 17-DEC-2010 03:34:52; Bright; 59.0; 39; 85Eta UMa ; 1.85; 24000;occ; 118; 0;45995  
 4;-1695.9; 17-DEC-2010 03:38:15; Bright; 41.5; 180; 27Gam Boo ; 3.04; 8000;occ; 83; 0;45995  
 5;-1502.3; 17-DEC-2010 03:41:29; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;45995  
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27; 7275.5; 17-DEC-2010 12:48:43; Dark ; 54.5; 23; 21Eps Cma ; 1.50; 26000;occ; 109; 0;46001
28; 7380.7; 17-DEC-2010 12:50:28; Dark ; 52.5; 179; 240mi2Cma ; 3.03; 24000;occ; 105; 0;46001
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9; 2766.3; 17-DEC-2010 13:13:47; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;46001  
10; 3685.4; 17-DEC-2010 13:29:06; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;46001  
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13; 4318.7; 17-DEC-2010 13:39:40; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;46001  
14; 4512.8; 17-DEC-2010 13:42:54; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;46001  
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19; 5963.9; 17-DEC-2010 14:07:05; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;46001  
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21; 6296.8; 17-DEC-2010 14:12:38; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;46002  
22; 6517.8; 17-DEC-2010 14:16:19; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46002  
23; 6607.9; 17-DEC-2010 14:17:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46002  
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26; 7084.5; 17-DEC-2010 14:25:46; Dark ; 50.5; 117; Pi Pup ; 2.71; 3800;occ; 101; 0;46002  
27; 7275.8; 17-DEC-2010 14:28:57; Dark ; 52.5; 23; 21Eps CMa ; 1.50; 26000;occ; 105; 0;46002  
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13; 4318.9; 17-DEC-2010 15:19:54; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;46002  
14; 4513.2; 17-DEC-2010 15:23:08; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;46002  
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27; 7276.3; 17-DEC-2010 16:09:11; Dark ; 53.0; 23; 21Eps CMa ; 1.50; 26000;occ; 106; 0;46003  
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13; 4115.3; 17-DEC-2010 16:56:44; Bright; 42.0; 39; 85Eta UMa ; 1.85; 24000;occ; 84; 0;46003  
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22; 6298.7; 17-DEC-2010 17:33:08; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;46004
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7; 599.0; 18-DEC-2010 01:59:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46009
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23; 2051.3; 18-DEC-2010 04:03:59; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;46010
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13; 3937.3; 22-DEC-2010 17:10:37; Bright; 45.5; 32; 77Eps UMa ; 1.76; 11000;occ; 91; 0;46075
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 11; 2677.8; 31-DEC-2010 18:00:00; Bright; 39.5; 6; 13Alp Aur ; 0.08; 3400;occ; 79; 0;46205  
 12; 3672.4; 31-DEC-2010 18:16:35; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46205  
 13; 3891.6; 31-DEC-2010 18:20:14; Bright; 44.0; 32; 77Eps UMa ; 1.76; 11000;occ; 88; 0;46205  
 14; 4087.9; 31-DEC-2010 18:23:30; Bright; 46.5; 39; 85Eta UMa ; 1.85; 24000;occ; 93; 0;46205  
 15; 4330.8; 31-DEC-2010 18:27:33; Bright; 41.5; 180; 27Gam Boo ; 3.04; 8000;occ; 83; 0;46205  
 16; 4551.1; 31-DEC-2010 18:31:13; Bright; 62.0; 83; ; 2.38; 11000;occ; 124; 0;46205  
 17; 4745.8; 31-DEC-2010 18:34:28; Bright; 52.5; 3; 16Alp Boo ; -0.05; 4250;occ; 105; 0;46205  
 18; 5169.1; 31-DEC-2010 18:41:31; Bright; 45.5; 104; 27Bet Lib ; 2.61; 13100;occ; 91; 0;46205  
 19; 5327.2; 31-DEC-2010 18:44:10; Dark ; 45.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 90; 0;46205  
 20; 5739.0; 31-DEC-2010 18:51:01; Dark ; 50.0; 54; 5The Cen ; 2.06; 4500;occ; 100; 0;46205  
 21; 5904.5; 31-DEC-2010 18:53:47; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;46205  
 22; 6112.9; 31-DEC-2010 18:57:15; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;46206  
 23; 6221.9; 31-DEC-2010 18:59:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46206  
 24; 6481.2; 31-DEC-2010 19:03:24; Dark ; 52.0; 113; Mu Vel ; 2.69; 5000;occ; 104; 0;46206  
 25; 6636.0; 31-DEC-2010 19:05:58; Dark ; 46.5; 71; Iot Car ; 2.25; 7700;occ; 93; 0;46206  
 26; 6749.9; 31-DEC-2010 19:07:52; Dark ; 47.0; 46; Del Vel ; 1.95; 10600;occ; 94; 0;46206  
 27; 6920.5; 31-DEC-2010 19:10:43; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;46206  
 28; 7051.4; 31-DEC-2010 19:12:54; Dark ; 22.5; 70; Zet Pup ; 2.25; 39000;occ; 45; 0;46206

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