

GOMOS Daily Report 24-DEC-2009

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	27DEC2009 04:52:41
Data source version	GOMOS/5.00L04
Start time of products	24DEC2009 00:00:32
Stop time of products	24DEC2009 23:50:36
Store outputs in DB	Yes
Nb of level 1b prods	158
Nb of prods with errors	1

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

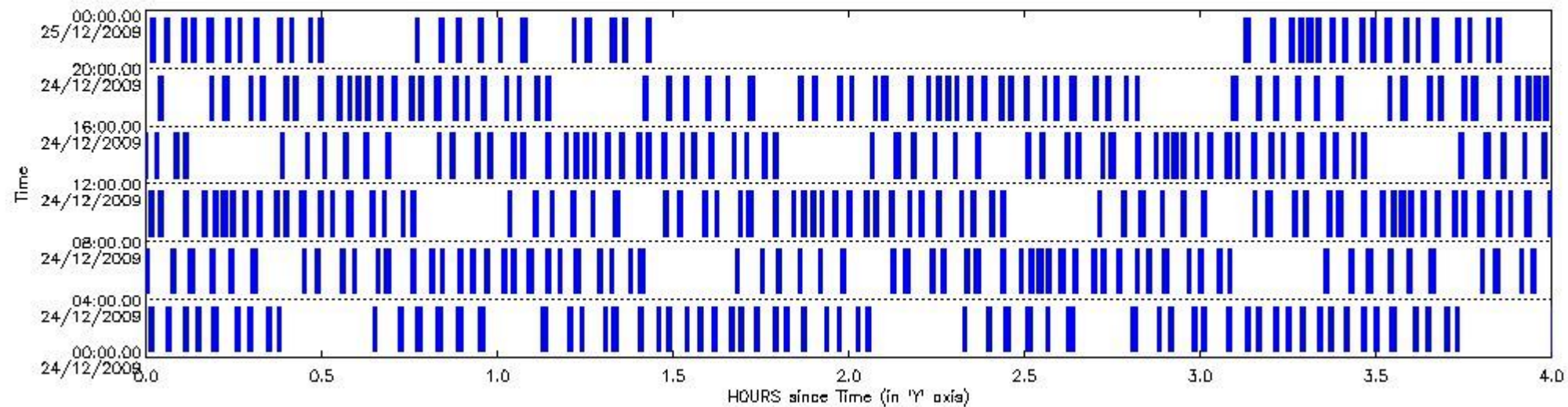
2.1 Level 0 products arrived in PCF (see template [here](#))

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

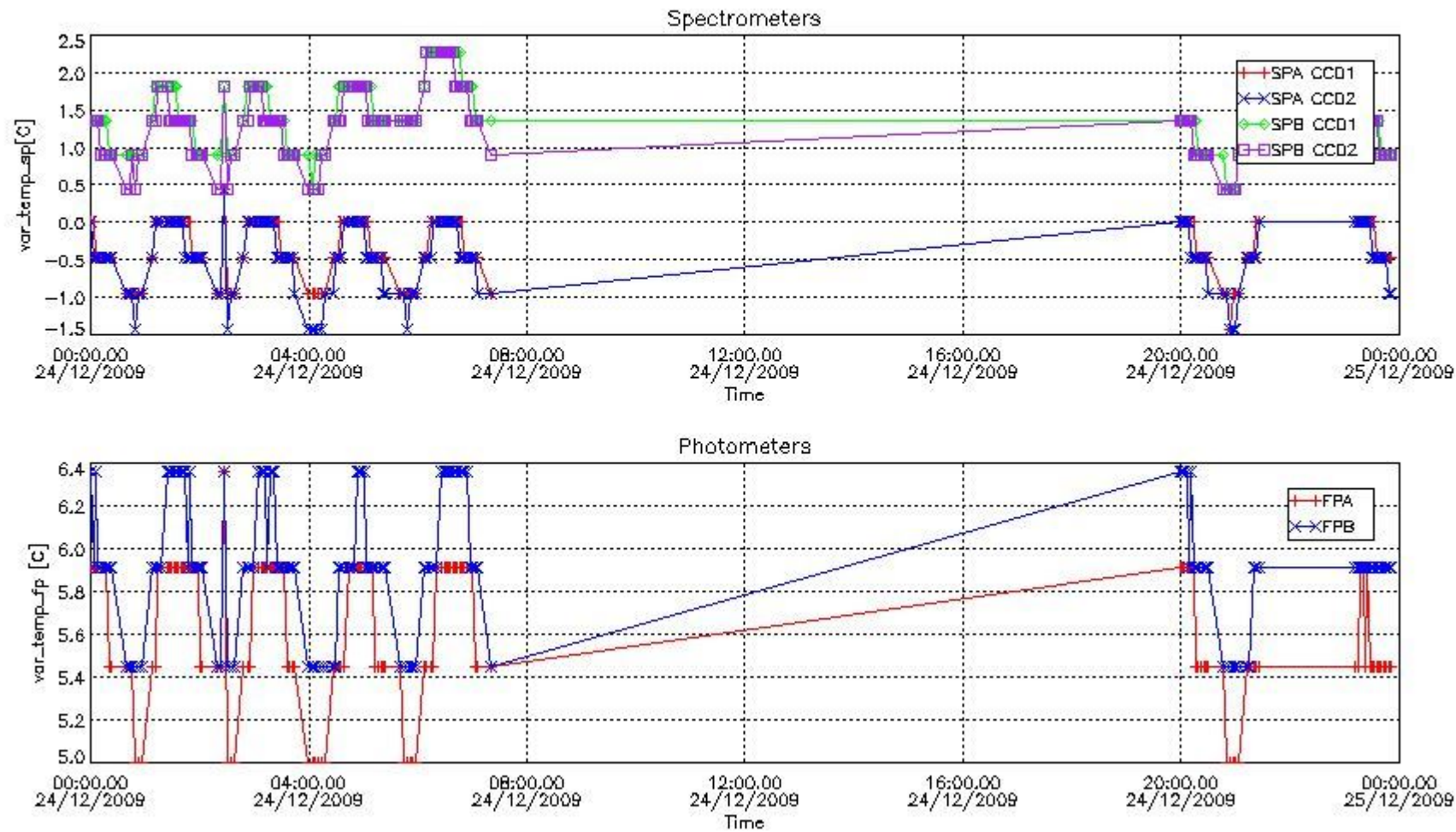
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20091224_000032_000000502085_00231_40866_0246.N1	24-DEC-2009 00:00:32	Straylight	49.500	179	24Omi2CMa	3.0320	24000.	99	40866	No
2	GOM_TRA_1PNPDE20091224_000314_000000552085_00231_40866_0247.N1	24-DEC-2009 00:03:14	Straylight	54.500	1	9Alp CMa	-1.4400	11000.	109	40866	No
3	GOM_TRA_1PNPDE20091224_000624_000000452085_00231_40866_0248.N1	24-DEC-2009 00:06:24	Straylight	44.500	7	19Bet Ori	0.10000	14000.	89	40866	No
4	GOM_TRA_1PNPDE20091224_000825_000000452085_00231_40866_0249.N1	24-DEC-2009 00:08:25	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	40866	No
5	GOM_TRA_1PNPDE20091224_001112_000000532085_00231_40866_0250.N1	24-DEC-2009 00:11:12	Twilight_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	40866	No
6	GOM_TRA_1PNPDE20091224_001515_000000402085_00231_40866_0251.N1	24-DEC-2009 00:15:15	Bright	39.500	176	23Zet Tau	3.0200	22000.	79	40866	No
7	GOM_TRA_1PNPDE20091224_001720_000000412085_00231_40866_0252.N1	24-DEC-2009 00:17:20	Bright	41.000	28	12Bet Tau	1.6500	15200.	82	40866	No
8	GOM_TRA_1PNPDE20091224_002032_000000412085_00231_40866_0253.N1	24-DEC-2009 00:20:32	Bright	41.000	107	37The Aur	2.6490	11000.	82	40866	No
9	GOM_TRA_1PNPDE20091224_002216_000000432085_00231_40866_0254.N1	24-DEC-2009 00:22:16	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	40866	No
10	GOM_TRA_1PNPDE20091224_003847_000000382085_00231_40866_0255.N1	24-DEC-2009 00:38:47	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	40866	No
11	GOM_TRA_1PNPDE20091224_004259_000000482085_00231_40866_0256.N1	24-DEC-2009 00:42:59	Bright	48.000	32	77Eps UMa	1.7630	11000.	96	40866	No
12	GOM_TRA_1PNPDE20091224_004554_000000612085_00231_40866_0257.N1	24-DEC-2009 00:45:54	Bright	61.000	39	85Eta UMa	1.8540	24000.	122	40866	No

13	GOM_TRA_1PNPDE20091224_004934_000000582085_00231_40866_0258.N1	24-DEC-2009 00:49:34	Bright	58.000	180	27Gam Boo	3.0400	8000.0	116	40866	No
14	GOM_TRA_1PNPDE20091224_005258_000000572085_00231_40866_0259.N1	24-DEC-2009 00:52:58	Bright	57.000	83		2.3780	11000.	114	40866	No
15	GOM_TRA_1PNPDE20091224_005638_000000672085_00231_40866_0260.N1	24-DEC-2009 00:56:38	Bright	66.500	111	8Eta Boo	2.6800	6000.0	133	40866	No
16	GOM_TRA_1PNPDE20091224_010731_000000572085_00231_40866_0250.N1	24-DEC-2009 01:07:31	Tw_i_and_stray	57.000	15	67Alp Vir	0.97600	28000.	114	40866	No
17	GOM_TRA_1PNPDE20091224_011200_000000452085_00231_40866_0251.N1	24-DEC-2009 01:12:00	Dark	45.000	54	5The Cen	2.0550	4500.0	90	40866	No
18	GOM_TRA_1PNPDE20091224_011358_000000462085_00231_40866_0252.N1	24-DEC-2009 01:13:58	Dark	45.500	123	lot Cen	2.7500	10200.	91	40866	No
19	GOM_TRA_1PNPDE20091224_011801_000000442085_00232_40867_0253.N1	24-DEC-2009 01:18:01	Dark	43.500	64	Gam Cen	2.2000	10600.	87	40867	No
20	GOM_TRA_1PNPDE20091224_012356_000000512085_00232_40867_0254.N1	24-DEC-2009 01:23:56	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	40867	No
21	GOM_TRA_1PNPDE20091224_012709_000000422085_00232_40867_0255.N1	24-DEC-2009 01:27:09	Dark	42.000	71	lot Car	2.2460	7700.0	84	40867	No
22	GOM_TRA_1PNPDE20091224_012854_000000502085_00232_40867_0256.N1	24-DEC-2009 01:28:54	Dark	50.000	41	Eps Car	1.8600	4100.0	100	40867	No
23	GOM_TRA_1PNPDE20091224_013155_000000482085_00232_40867_0257.N1	24-DEC-2009 01:31:55	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40867	No
24	GOM_TRA_1PNPDE20091224_013406_000000522085_00232_40867_0258.N1	24-DEC-2009 01:34:06	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40867	No
25	GOM_TRA_1PNPDE20091224_013628_000000502085_00232_40867_0259.N1	24-DEC-2009 01:36:28	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	40867	No
26	GOM_TRA_1PNPDE20091224_013929_000000492085_00232_40867_0260.N1	24-DEC-2009 01:39:29	Straylight	49.000	23	21Eps CMa	1.5020	26000.	98	40867	No
27	GOM_TRA_1PNPDE20091224_014108_000000472085_00232_40867_0261.N1	24-DEC-2009 01:41:08	Straylight	47.000	179	24Omi2CMa	3.0320	24000.	94	40867	No
28	GOM_TRA_1PNPDE20091224_014350_000000532085_00232_40867_0262.N1	24-DEC-2009 01:43:50	Straylight	52.500	1	9Alp CMa	-1.4400	11000.	105	40867	No
29	GOM_TRA_1PNPDE20091224_014659_000000452085_00232_40867_0263.N1	24-DEC-2009 01:46:59	Straylight	44.500	7	19Bet Ori	0.10000	14000.	89	40867	No
30	GOM_TRA_1PNPDE20091224_014901_000000452085_00232_40867_0264.N1	24-DEC-2009 01:49:01	Straylight	44.500	30	46Eps Ori	1.6940	30000.	89	40867	No
31	GOM_TRA_1PNPDE20091224_015148_000000542085_00232_40867_0265.N1	24-DEC-2009 01:51:48	Tw_i_and_stray	53.500	14	58Alp Ori	0.87000	3000.0	107	40867	No
32	GOM_TRA_1PNPDE20091224_015551_000000422085_00232_40867_0266.N1	24-DEC-2009 01:55:51	Bright	42.000	176	23Zet Tau	3.0200	22000.	84	40867	No
33	GOM_TRA_1PNPDE20091224_015756_000000432085_00232_40867_0267.N1	24-DEC-2009 01:57:56	Bright	42.500	28	12Bet Tau	1.6500	15200.	85	40867	No
34	GOM_TRA_1PNPDE20091224_020107_000000412085_00232_40867_0268.N1	24-DEC-2009 02:01:07	Bright	40.500	107	37The Aur	2.6490	11000.	81	40867	No
35	GOM_TRA_1PNPDE20091224_020251_000000422085_00232_40867_0269.N1	24-DEC-2009 02:02:51	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	40867	No
36	GOM_TRA_1PNPDE20091224_021922_000000422085_00232_40867_0270.N1	24-DEC-2009 02:19:22	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	40867	No
37	GOM_TRA_1PNPDE20091224_022335_000000472085_00232_40867_0271.N1	24-DEC-2009 02:23:35	Bright	47.000	32	77Eps UMa	1.7630	11000.	94	40867	No
38	GOM_TRA_1PNPDE20091224_022629_000000562085_00232_40867_0273.N1	24-DEC-2009 02:26:29	Bright	55.500	39	85Eta UMa	1.8540	24000.	111	40867	Yes
39	GOM_TRA_1PNPDE20091224_023010_000000582085_00232_40867_0274.N1	24-DEC-2009 02:30:10	Bright	58.000	180	27Gam Boo	3.0400	8000.0	116	40867	No
40	GOM_TRA_1PNPDE20091224_023334_000000392085_00232_40867_0275.N1	24-DEC-2009 02:33:34	Bright	39.000	83		2.3780	11000.	78	40867	No
41	GOM_TRA_1PNPDE20091224_023714_000000672085_00232_40867_0276.N1	24-DEC-2009 02:37:14	Bright	67.000	111	8Eta Boo	2.6800	6000.0	134	40867	No
42	GOM_TRA_1PNPDE20091224_024808_000000632085_00232_40867_0277.N1	24-DEC-2009 02:48:08	Tw_i_and_stray	62.500	15	67Alp Vir	0.97600	28000.	125	40867	No
43	GOM_TRA_1PNPDE20091224_025236_000000432085_00232_40867_0278.N1	24-DEC-2009 02:52:36	Dark	43.000	54	5The Cen	2.0550	4500.0	86	40867	No
44	GOM_TRA_1PNPDE20091224_025434_000000432085_00232_40867_0279.N1	24-DEC-2009 02:54:34	Dark	42.500	123	lot Cen	2.7500	10200.	85	40867	No
45	GOM_TRA_1PNPDE20091224_025837_000000442085_00233_40868_0280.N1	24-DEC-2009 02:58:37	Dark	43.500	64	Gam Cen	2.2000	10600.	87	40868	No
46	GOM_TRA_1PNPDE20091224_030433_000000462085_00233_40868_0281.N1	24-DEC-2009 03:04:33	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	40868	No
47	GOM_TRA_1PNPDE20091224_030745_000000402085_00233_40868_0282.N1	24-DEC-2009 03:07:45	Dark	40.000	71	lot Car	2.2460	7700.0	80	40868	No
48	GOM_TRA_1PNPDE20091224_030931_000000442085_00233_40868_0283.N1	24-DEC-2009 03:09:31	Dark	44.000	41	Eps Car	1.8600	4100.0	88	40868	No
49	GOM_TRA_1PNPDE20091224_031231_000000492085_00233_40868_0284.N1	24-DEC-2009 03:12:31	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40868	No
50	GOM_TRA_1PNPDE20091224_031443_000000492085_00233_40868_0285.N1	24-DEC-2009 03:14:43	Dark	48.500	70	Zet Pup	2.2460	39000.	97	40868	No
51	GOM_TRA_1PNPDE20091224_031705_000000492085_00233_40868_0286.N1	24-DEC-2009 03:17:05	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	40868	No
52	GOM_TRA_1PNPDE20091224_032005_000000502085_00233_40868_0287.N1	24-DEC-2009 03:20:05	Straylight	49.500	23	21Eps CMa	1.5020	26000.	99	40868	No
53	GOM_TRA_1PNPDE20091224_032144_000000502085_00233_40868_0288.N1	24-DEC-2009 03:21:44	Straylight	49.500	179	24Omi2CMa	3.0320	24000.	99	40868	No
54	GOM_TRA_1PNPDE20091224_032426_000000542085_00233_40868_0289.N1	24-DEC-2009 03:24:26	Straylight	54.000	1	9Alp CMa	-1.4400	11000.	108	40868	No
55	GOM_TRA_1PNPDE20091224_032736_000000462085_00233_40868_0290.N1	24-DEC-2009 03:27:36	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	40868	No
56	GOM_TRA_1PNPDE20091224_032937_000000452085_00233_40868_0291.N1	24-DEC-2009 03:29:37	Straylight	44.500	30	46Eps Ori	1.6940	30000.	89	40868	No
57	GOM_TRA_1PNPDE20091224_033224_000000572085_00233_40868_0292.N1	24-DEC-2009 03:32:24	Tw_i_and_stray	56.500	14	58Alp Ori	0.87000	3000.0	113	40868	No
58	GOM_TRA_1PNPDE20091224_033627_000000422085_00233_40868_0293.N1	24-DEC-2009 03:36:27	Bright	41.500	176	23Zet Tau	3.0200	22000.	83	40868	No
59	GOM_TRA_1PNPDE20091224_033832_000000412085_00233_40868_0294.N1	24-DEC-2009 03:38:32	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	40868	No
60	GOM_TRA_1PNPDE20091224_034143_000000422085_00233_40868_0295.N1	24-DEC-2009 03:41:43	Bright	42.000	107	37The Aur	2.6490	11000.	84	40868	No
61	GOM_TRA_1PNPDE20091224_034327_000000422085_00233_40868_0296.N1	24-DEC-2009 03:43:27	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	40868	No
62	GOM_TRA_1PNPDE20091224_035958_000000332085_00233_40868_0297.N1	24-DEC-2009 03:59:58	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	40868	No
63	GOM_TRA_1PNPDE20091224_040410_000000462085_00233_40868_0298.N1	24-DEC-2009 04:04:10	Bright	46.000	32	77Eps UMa	1.7630	11000.	92	40868	No
64	GOM_TRA_1PNPDE20091224_040705_000000612085_00233_40868_0299.N1	24-DEC-2009 04:07:05	Bright	61.000	39	85Eta UMa	1.8540	24000.	122	40868	No
65	GOM_TRA_1PNPDE20091224_041045_000000582085_00233_40868_0300.N1	24-DEC-2009 04:10:45	Bright	58.000	180	27Gam Boo	3.0400	8000.0	116	40868	No
66	GOM_TRA_1PNPDE20091224_041410_000000402085_00233_40868_0301.N1	24-DEC-2009 04:14:10	Bright	39.500	83		2.3780	11000.	79	40868	No
67	GOM_TRA_1PNPDE20091224_041750_000000672085_00233_40868_0302.N1	24-DEC-2009 04:17:50	Bright	67.000	111	8Eta Boo	2.6800	6000.0	134	40868	No
68	GOM_TRA_1PNPDE20091224_042634_000000432085_00233_40868_0303.N1	24-DEC-2009 04:26:34	Bright	43.000	122	9Alp2Lib	2.7470	9700.0	86	40868	No
69	GOM_TRA_1PNPDE20091224_042845_000000572085_00233_40868_0304.N1	24-DEC-2009 04:28:45	Tw_i_and_stray	57.000	15	67Alp Vir	0.97600	28000.	114	40868	No
70	GOM_TRA_1PNPDE20091224_043313_000000462085_00233_40868_0305.N1	24-DEC-2009 04:33:13	Dark	46.000	54	5The Cen	2.0550	4500.0	92	40868	No
71	GOM_TRA_1PNPDE20091224_043511_000000422085_00233_40868_0306.N1	24-DEC-2009 04:35:11	Dark	42.000	123	lot Cen	2.7500	10200.	84	40868	No

72	GOM_TRA_1PNPDE20091224_043914_000000412085_00234_40869_0307.N1	24-DEC-2009 04:39:14	Dark	40.500	64	Gam Cen	2.2000	10600.	81	40869	No
73	GOM_TRA_1PNPDE20091224_044510_000000562085_00234_40869_0308.N1	24-DEC-2009 04:45:10	Dark	56.000	113	Mu Vel	2.6920	5000.0	112	40869	No
74	GOM_TRA_1PNPDE20091224_044822_000000422085_00234_40869_0309.N1	24-DEC-2009 04:48:22	Dark	41.500	71	lot Car	2.2460	7700.0	83	40869	No
75	GOM_TRA_1PNPDE20091224_045007_000000412085_00234_40869_0310.N1	24-DEC-2009 04:50:07	Dark	40.500	41	Eps Car	1.8600	4100.0	81	40869	No
76	GOM_TRA_1PNPDE20091224_045308_000000462085_00234_40869_0311.N1	24-DEC-2009 04:53:08	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40869	No
77	GOM_TRA_1PNPDE20091224_045519_000000502085_00234_40869_0312.N1	24-DEC-2009 04:55:19	Dark	50.000	70	Zet Pup	2.2460	39000.	100	40869	No
78	GOM_TRA_1PNPDE20091224_045741_000000502085_00234_40869_0313.N1	24-DEC-2009 04:57:41	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	40869	No
79	GOM_TRA_1PNPDE20091224_050041_000000502085_00234_40869_0314.N1	24-DEC-2009 05:00:41	Straylight	50.000	23	21Eps CMa	1.5020	26000.	100	40869	No
80	GOM_TRA_1PNPDE20091224_050220_000000502085_00234_40869_0315.N1	24-DEC-2009 05:02:20	Straylight	50.000	179	24Omi2CMa	3.0320	24000.	100	40869	No
81	GOM_TRA_1PNPDE20091224_050502_000000542085_00234_40869_0316.N1	24-DEC-2009 05:05:02	Straylight	53.500	1	9Alp CMa	-1.4400	11000.	107	40869	No
82	GOM_TRA_1PNPDE20091224_050812_000000462085_00234_40869_0317.N1	24-DEC-2009 05:08:12	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	40869	No
83	GOM_TRA_1PNPDE20091224_051013_000000442085_00234_40869_0318.N1	24-DEC-2009 05:10:13	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	40869	No
84	GOM_TRA_1PNPDE20091224_051300_000000602085_00234_40869_0319.N1	24-DEC-2009 05:13:00	Tw_i_and_stray	60.000	14	58Alp Ori	0.87000	3000.0	120	40869	No
85	GOM_TRA_1PNPDE20091224_051703_000000432085_00234_40869_0320.N1	24-DEC-2009 05:17:03	Bright	43.000	176	23Zet Tau	3.0200	22000.	86	40869	No
86	GOM_TRA_1PNPDE20091224_051907_000000412085_00234_40869_0321.N1	24-DEC-2009 05:19:07	Bright	41.000	28	12Bet Tau	1.6500	15200.	82	40869	No
87	GOM_TRA_1PNPDE20091224_052219_000000422085_00234_40869_0322.N1	24-DEC-2009 05:22:19	Bright	41.500	107	37The Aur	2.6490	11000.	83	40869	No
88	GOM_TRA_1PNPDE20091224_052403_000000552085_00234_40869_0323.N1	24-DEC-2009 05:24:03	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	40869	No
89	GOM_TRA_1PNPDE20091224_054034_000000402085_00234_40869_0321.N1	24-DEC-2009 05:40:34	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	40869	No
90	GOM_TRA_1PNPDE20091224_054446_000000442085_00234_40869_0322.N1	24-DEC-2009 05:44:46	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	40869	No
91	GOM_TRA_1PNPDE20091224_054741_000000442085_00234_40869_0323.N1	24-DEC-2009 05:47:41	Bright	43.500	39	85Eta UMa	1.8540	24000.	87	40869	No
92	GOM_TRA_1PNPDE20091224_055122_000000382085_00234_40869_0324.N1	24-DEC-2009 05:51:22	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	40869	No
93	GOM_TRA_1PNPDE20091224_055446_000000382085_00234_40869_0325.N1	24-DEC-2009 05:54:46	Bright	38.000	83		2.3780	11000.	76	40869	No
94	GOM_TRA_1PNPDE20091224_055827_000000492085_00234_40869_0326.N1	24-DEC-2009 05:58:27	Bright	48.500	111	8Eta Boo	2.6800	6000.0	97	40869	No
95	GOM_TRA_1PNPDE20091224_060711_000000432085_00234_40869_0327.N1	24-DEC-2009 06:07:11	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	40869	No
96	GOM_TRA_1PNPDE20091224_060922_000000592085_00234_40869_0328.N1	24-DEC-2009 06:09:22	Tw_i_and_stray	58.500	15	67Alp Vir	0.97600	28000.	117	40869	No
97	GOM_TRA_1PNPDE20091224_061350_000000452085_00234_40869_0329.N1	24-DEC-2009 06:13:50	Dark	44.500	54	5The Cen	2.0550	4500.0	89	40869	No
98	GOM_TRA_1PNPDE20091224_061548_000000452085_00234_40869_0330.N1	24-DEC-2009 06:15:48	Dark	45.000	123	lot Cen	2.7500	10200.	90	40869	No
99	GOM_TRA_1PNPDE20091224_061951_000000412085_00235_40870_0331.N1	24-DEC-2009 06:19:51	Dark	41.000	64	Gam Cen	2.2000	10600.	82	40870	No
100	GOM_TRA_1PNPDE20091224_062546_000000482085_00235_40870_0332.N1	24-DEC-2009 06:25:46	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	40870	No
101	GOM_TRA_1PNPDE20091224_062858_000000462085_00235_40870_0333.N1	24-DEC-2009 06:28:58	Dark	46.000	71	lot Car	2.2460	7700.0	92	40870	No
102	GOM_TRA_1PNPDE20091224_063043_000000492085_00235_40870_0334.N1	24-DEC-2009 06:30:43	Dark	49.000	41	Eps Car	1.8600	4100.0	98	40870	No
103	GOM_TRA_1PNPDE20091224_063207_000000672085_00235_40870_0335.N1	24-DEC-2009 06:32:07	Dark	66.500	65	Lam Vel	2.2040	4400.0	133	40870	No
104	GOM_TRA_1PNPDE20091224_063344_000000452085_00235_40870_0336.N1	24-DEC-2009 06:33:44	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	40870	No
105	GOM_TRA_1PNPDE20091224_063556_000000502085_00235_40870_0337.N1	24-DEC-2009 06:35:56	Dark	50.000	70	Zet Pup	2.2460	39000.	100	40870	No
106	GOM_TRA_1PNPDE20091224_063818_000000492085_00235_40870_0338.N1	24-DEC-2009 06:38:18	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	40870	No
107	GOM_TRA_1PNPDE20091224_064118_000000512085_00235_40870_0339.N1	24-DEC-2009 06:41:18	Straylight	51.000	23	21Eps CMa	1.5020	26000.	102	40870	No
108	GOM_TRA_1PNPDE20091224_064257_000000492085_00235_40870_0340.N1	24-DEC-2009 06:42:57	Straylight	49.000	179	24Omi2CMa	3.0320	24000.	98	40870	No
109	GOM_TRA_1PNPDE20091224_064538_000000572085_00235_40870_0341.N1	24-DEC-2009 06:45:38	Straylight	57.000	1	9Alp CMa	-1.4400	11000.	114	40870	No
110	GOM_TRA_1PNPDE20091224_064848_000000452085_00235_40870_0342.N1	24-DEC-2009 06:48:48	Straylight	44.500	7	19Bet Ori	0.10000	14000.	89	40870	No
111	GOM_TRA_1PNPDE20091224_065049_000000442085_00235_40870_0343.N1	24-DEC-2009 06:50:49	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	40870	No
112	GOM_TRA_1PNPDE20091224_065335_000000562085_00235_40870_0344.N1	24-DEC-2009 06:53:35	Tw_i_and_stray	55.500	14	58Alp Ori	0.87000	3000.0	111	40870	No
113	GOM_TRA_1PNPDE20091224_065738_000000412085_00235_40870_0345.N1	24-DEC-2009 06:57:38	Bright	40.500	176	23Zet Tau	3.0200	22000.	81	40870	No
114	GOM_TRA_1PNPDE20091224_065943_000000422085_00235_40870_0346.N1	24-DEC-2009 06:59:43	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	40870	No
115	GOM_TRA_1PNPDE20091224_070254_000000412085_00235_40870_0347.N1	24-DEC-2009 07:02:54	Bright	41.000	107	37The Aur	2.6490	11000.	82	40870	No
116	GOM_TRA_1PNPDE20091224_070439_000000442085_00235_40870_0348.N1	24-DEC-2009 07:04:39	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	40870	No
117	GOM_TRA_1PNPDE20091224_072110_000000382085_00235_40870_0349.N1	24-DEC-2009 07:21:10	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	40870	No
118	GOM_TRA_1PNPDE20091224_195837_000000462085_00243_40878_0380.N1	24-DEC-2009 19:58:37	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40878	No
119	GOM_TRA_1PNPDE20091224_200048_000000482085_00243_40878_0381.N1	24-DEC-2009 20:00:48	Dark	48.000	70	Zet Pup	2.2460	39000.	96	40878	No
120	GOM_TRA_1PNPDE20091224_200309_000000482085_00243_40878_0382.N1	24-DEC-2009 20:03:09	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	40878	No
121	GOM_TRA_1PNPDE20091224_200608_000000502085_00243_40878_0383.N1	24-DEC-2009 20:06:08	Straylight	50.000	23	21Eps CMa	1.5020	26000.	100	40878	No
122	GOM_TRA_1PNPDE20091224_200746_000000492085_00243_40878_0384.N1	24-DEC-2009 20:07:46	Straylight	48.500	179	24Omi2CMa	3.0320	24000.	97	40878	No
123	GOM_TRA_1PNPDE20091224_201027_000000562085_00243_40878_0385.N1	24-DEC-2009 20:10:27	Straylight	55.500	1	9Alp CMa	-1.4400	11000.	111	40878	No
124	GOM_TRA_1PNPDE20091224_201336_000000452085_00243_40878_0386.N1	24-DEC-2009 20:13:36	Straylight	44.500	7	19Bet Ori	0.10000	14000.	89	40878	No
125	GOM_TRA_1PNPDE20091224_201536_000000442085_00243_40878_0387.N1	24-DEC-2009 20:15:36	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	40878	No
126	GOM_TRA_1PNPDE20091224_201822_000000512085_00243_40878_0388.N1	24-DEC-2009 20:18:22	Tw_i_and_stray	51.000	14	58Alp Ori	0.87000	3000.0	102	40878	No
127	GOM_TRA_1PNPDE20091224_202224_000000412085_00243_40878_0389.N1	24-DEC-2009 20:22:24	Bright	41.000	176	23Zet Tau	3.0200	22000.	82	40878	No
128	GOM_TRA_1PNPDE20091224_202429_000000422085_00243_40878_0390.N1	24-DEC-2009 20:24:29	Bright	42.000	28	12Bet Tau	1.6500	15200.	84	40878	No
129	GOM_TRA_1PNPDE20091224_202738_000000432085_00243_40878_0391.N1	24-DEC-2009 20:27:38	Bright	42.500	107	37The Aur	2.6490	11000.	85	40878	No
130	GOM_TRA_1PNPDE20091224_202925_000000452085_00243_40878_0392.N1	24-DEC-2009 20:29:25	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	40878	No

131	GOM_TRA_1PNPDE20091224_204557_000000392085_00243_40878_0393.N1	24-DEC-2009 20:45:57	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	40878	No
132	GOM_TRA_1PNPDE20091224_205006_000000472085_00243_40878_0394.N1	24-DEC-2009 20:50:06	Bright	46.500	32	77Eps UMa	1.7630	11000.	93	40878	No
133	GOM_TRA_1PNPDE20091224_205304_000000452085_00243_40878_0395.N1	24-DEC-2009 20:53:04	Bright	44.500	39	85Eta UMa	1.8540	24000.	89	40878	No
134	GOM_TRA_1PNPDE20091224_205646_000000392085_00243_40878_0396.N1	24-DEC-2009 20:56:46	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	40878	No
135	GOM_TRA_1PNPDE20091224_210012_000000382085_00243_40878_0397.N1	24-DEC-2009 21:00:12	Bright	38.000	83		2.3780	11000.	76	40878	No
136	GOM_TRA_1PNPDE20091224_210354_000000672085_00243_40878_0398.N1	24-DEC-2009 21:03:54	Bright	66.500	111	8Eta Boo	2.6800	6000.0	133	40878	No
137	GOM_TRA_1PNPDE20091224_211238_000000392085_00243_40878_0399.N1	24-DEC-2009 21:12:38	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	40878	No
138	GOM_TRA_1PNPDE20091224_211455_000000582085_00243_40878_0400.N1	24-DEC-2009 21:14:55	Straylight	57.500	15	67Alp Vir	0.97600	28000.	115	40878	No
139	GOM_TRA_1PNPDE20091224_211918_000000502085_00243_40878_0401.N1	24-DEC-2009 21:19:18	Dark	50.000	54	5The Cen	2.0550	4500.0	100	40878	No
140	GOM_TRA_1PNPDE20091224_212118_000000432085_00243_40878_0402.N1	24-DEC-2009 21:21:18	Dark	42.500	123	lot Cen	2.7500	10200.	85	40878	No
141	GOM_TRA_1PNPDE20091224_212521_000000442085_00244_40879_0403.N1	24-DEC-2009 21:25:21	Dark	44.000	64	Gam Cen	2.2000	10600.	88	40879	No
142	GOM_TRA_1PNPDE20091224_231155_000000522085_00245_40880_0426.N1	24-DEC-2009 23:11:55	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	40880	No
143	GOM_TRA_1PNPDE20091224_231503_000000512085_00245_40880_0427.N1	24-DEC-2009 23:15:03	Dark	51.000	71	lot Car	2.2460	7700.0	102	40880	No
144	GOM_TRA_1PNPDE20091224_231648_000000502085_00245_40880_0428.N1	24-DEC-2009 23:16:48	Dark	50.000	41	Eps Car	1.8600	4100.0	100	40880	No
145	GOM_TRA_1PNPDE20091224_231815_000000552085_00245_40880_0429.N1	24-DEC-2009 23:18:15	Dark	55.000	65	Lam Vel	2.2040	4400.0	110	40880	No
146	GOM_TRA_1PNPDE20091224_231950_000000482085_00245_40880_0430.N1	24-DEC-2009 23:19:50	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40880	No
147	GOM_TRA_1PNPDE20091224_232201_000000502085_00245_40880_0431.N1	24-DEC-2009 23:22:01	Dark	49.500	70	Zet Pup	2.2460	39000.	99	40880	No
148	GOM_TRA_1PNPDE20091224_232421_000000512085_00245_40880_0432.N1	24-DEC-2009 23:24:21	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	40880	No
149	GOM_TRA_1PNPDE20091224_232720_000000502085_00245_40880_0433.N1	24-DEC-2009 23:27:20	Straylight	49.500	23	21Eps CMa	1.5020	26000.	99	40880	No
150	GOM_TRA_1PNPDE20091224_232858_000000492085_00245_40880_0434.N1	24-DEC-2009 23:28:58	Straylight	49.000	179	24Omi2CMa	3.0320	24000.	98	40880	No
151	GOM_TRA_1PNPDE20091224_233139_000000532085_00245_40880_0435.N1	24-DEC-2009 23:31:39	Straylight	53.000	1	9Alp CMa	-1.4400	11000.	106	40880	No
152	GOM_TRA_1PNPDE20091224_233448_000000462085_00245_40880_0436.N1	24-DEC-2009 23:34:48	Straylight	46.000	7	19Bet Ori	0.10000	14000.	92	40880	No
153	GOM_TRA_1PNPDE20091224_233648_000000442085_00245_40880_0437.N1	24-DEC-2009 23:36:48	Straylight	44.000	30	46Eps Ori	1.6940	30000.	88	40880	No
154	GOM_TRA_1PNPDE20091224_233933_000000592085_00245_40880_0438.N1	24-DEC-2009 23:39:33	Twilight_stray	59.000	14	58Alp Ori	0.87000	3000.0	118	40880	No
155	GOM_TRA_1PNPDE20091224_234335_000000412085_00245_40880_0439.N1	24-DEC-2009 23:43:35	Bright	40.500	176	23Zet Tau	3.0200	22000.	81	40880	No
156	GOM_TRA_1PNPDE20091224_234540_000000412085_00245_40880_0440.N1	24-DEC-2009 23:45:40	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	40880	No
157	GOM_TRA_1PNPDE20091224_234849_000000402085_00245_40880_0441.N1	24-DEC-2009 23:48:49	Bright	39.500	107	37The Aur	2.6490	11000.	79	40880	No
158	GOM_TRA_1PNPDE20091224_235036_000000412085_00245_40880_0442.N1	24-DEC-2009 23:50:36	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	40880	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).

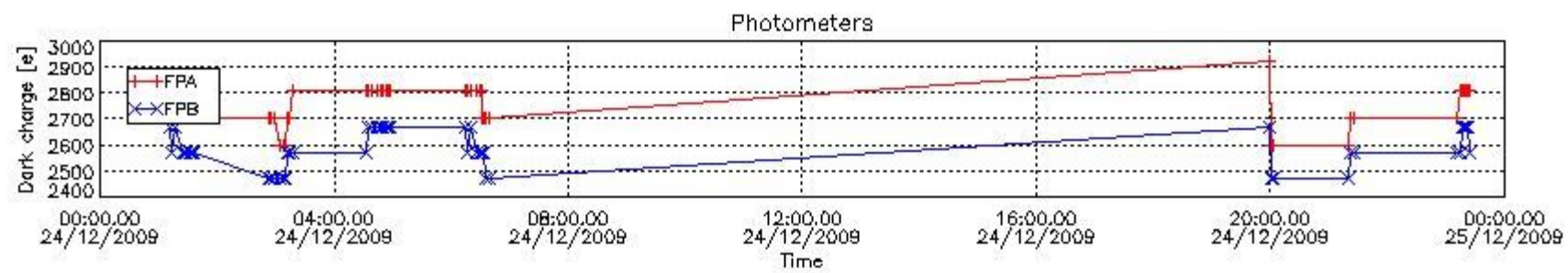
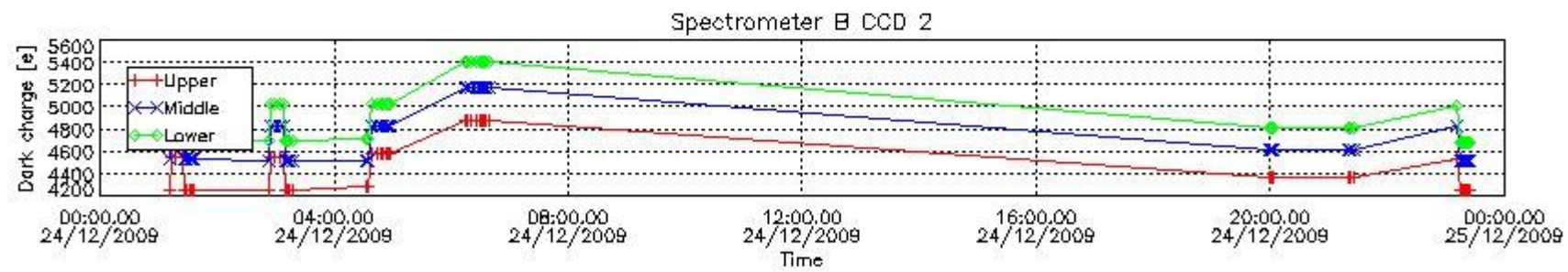
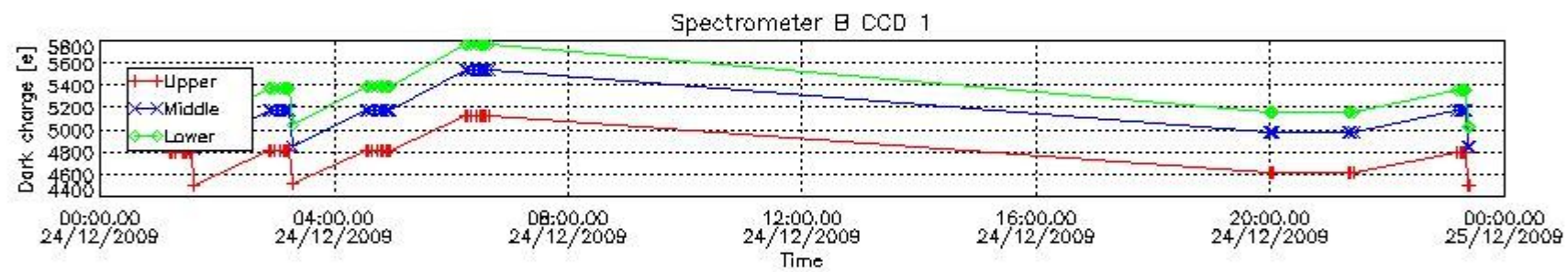
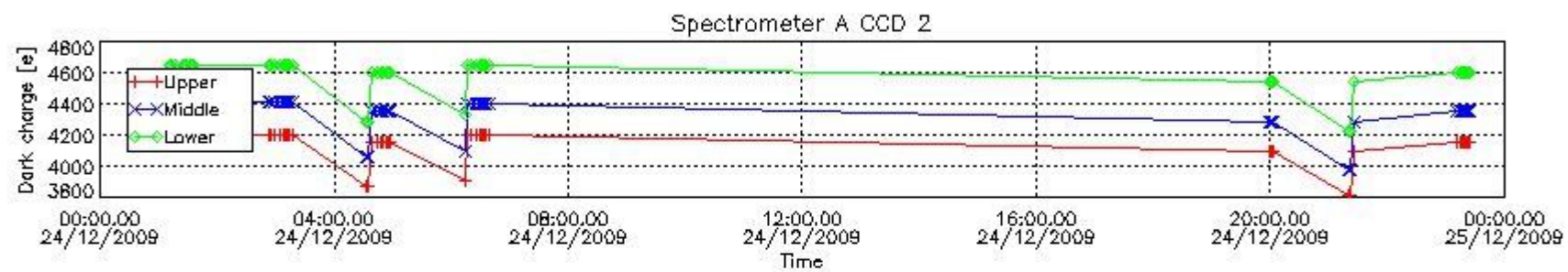
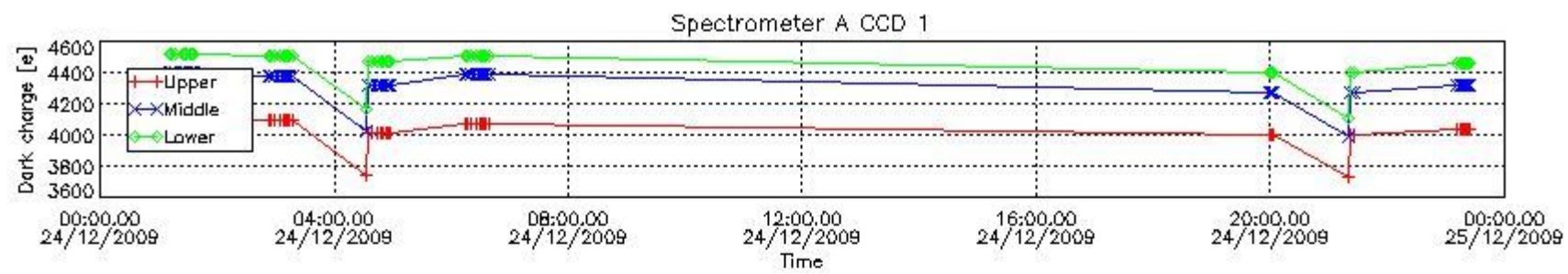
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20091224_195837_000000462085_00243_40878_0380.N1	DC map used
GOM_TRA_1PNPDE20091224_200048_000000482085_00243_40878_0381.N1	DC map used
GOM_TRA_1PNPDE20091224_200309_000000482085_00243_40878_0382.N1	DC map used
GOM_TRA_1PNPDE20091224_200608_000000502085_00243_40878_0383.N1	DC map used
GOM_TRA_1PNPDE20091224_200746_000000492085_00243_40878_0384.N1	DC map used
GOM_TRA_1PNPDE20091224_201027_000000562085_00243_40878_0385.N1	DC map used
GOM_TRA_1PNPDE20091224_201336_000000452085_00243_40878_0386.N1	DC map used
GOM_TRA_1PNPDE20091224_201536_000000442085_00243_40878_0387.N1	DC map used
GOM_TRA_1PNPDE20091224_201822_000000512085_00243_40878_0388.N1	DC map used
GOM_TRA_1PNPDE20091224_202224_000000412085_00243_40878_0389.N1	DC map used
GOM_TRA_1PNPDE20091224_202429_000000422085_00243_40878_0390.N1	DC map used
GOM_TRA_1PNPDE20091224_202738_000000432085_00243_40878_0391.N1	DC map used
GOM_TRA_1PNPDE20091224_202925_000000452085_00243_40878_0392.N1	DC map used
GOM_TRA_1PNPDE20091224_204557_000000392085_00243_40878_0393.N1	DC map used

GOM_TRA_1PNPDE20091224_205006_000000472085_00243_40878_0394.N1	DC map used
GOM_TRA_1PNPDE20091224_205304_000000452085_00243_40878_0395.N1	DC map used
GOM_TRA_1PNPDE20091224_205646_000000392085_00243_40878_0396.N1	DC map used
GOM_TRA_1PNPDE20091224_210012_000000382085_00243_40878_0397.N1	DC map used
GOM_TRA_1PNPDE20091224_210354_000000672085_00243_40878_0398.N1	DC map used
GOM_TRA_1PNPDE20091224_211238_000000392085_00243_40878_0399.N1	DC map used
GOM_TRA_1PNPDE20091224_211455_000000582085_00243_40878_0400.N1	DC map used
GOM_TRA_1PNPDE20091224_211918_000000502085_00243_40878_0401.N1	DC map used
GOM_TRA_1PNPDE20091224_212118_000000432085_00243_40878_0402.N1	DC map used
GOM_TRA_1PNPDE20091224_212521_000000442085_00244_40879_0403.N1	DC map used

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



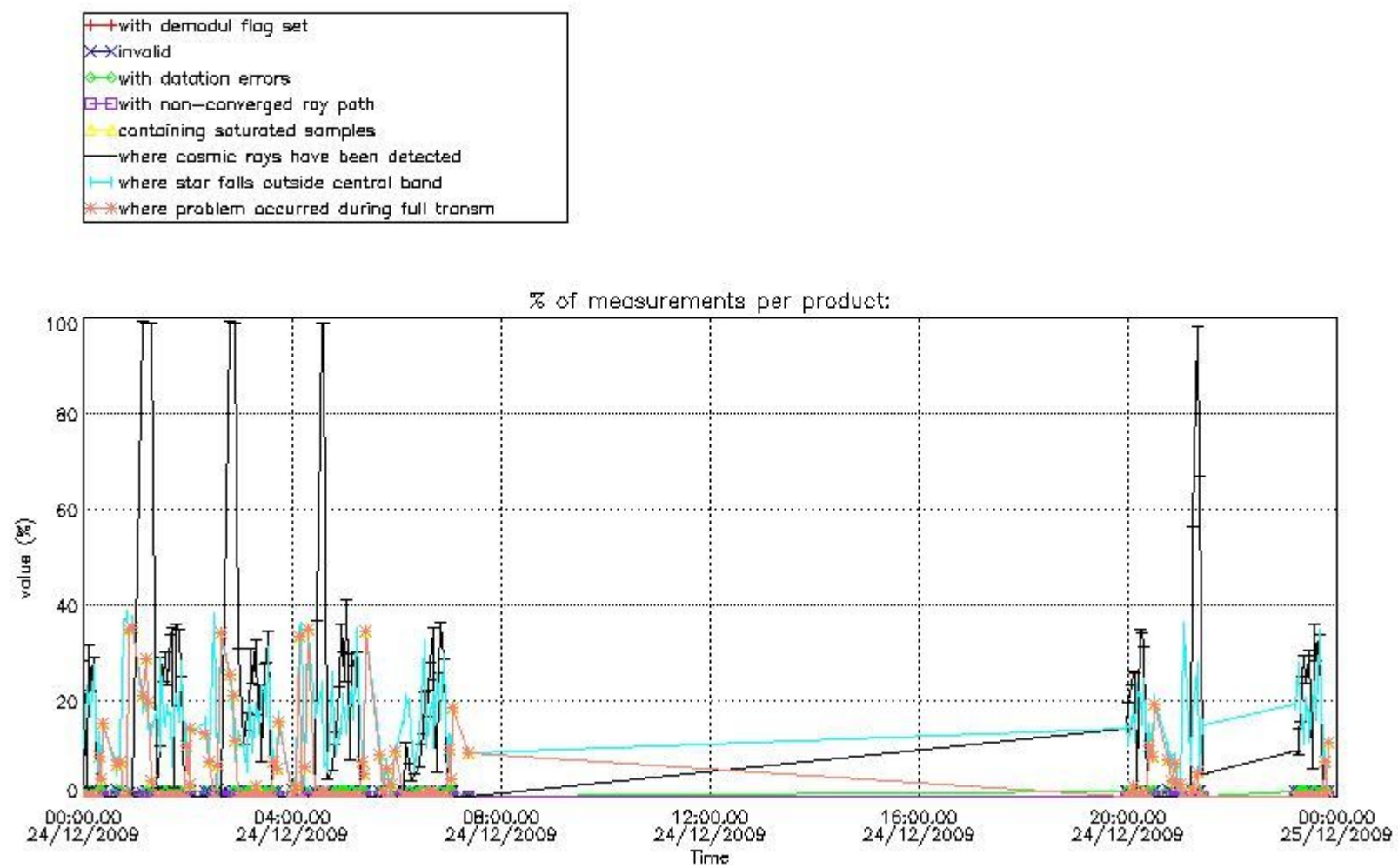
5. Demodulation flag and quality information monitoring

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.

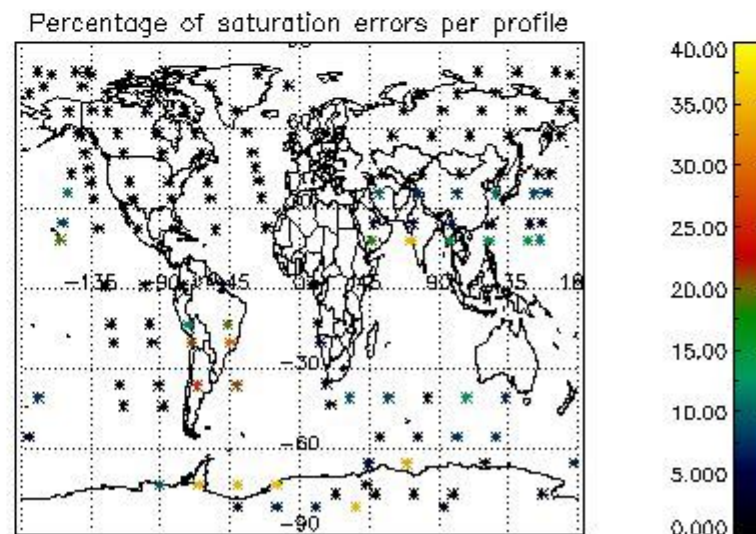
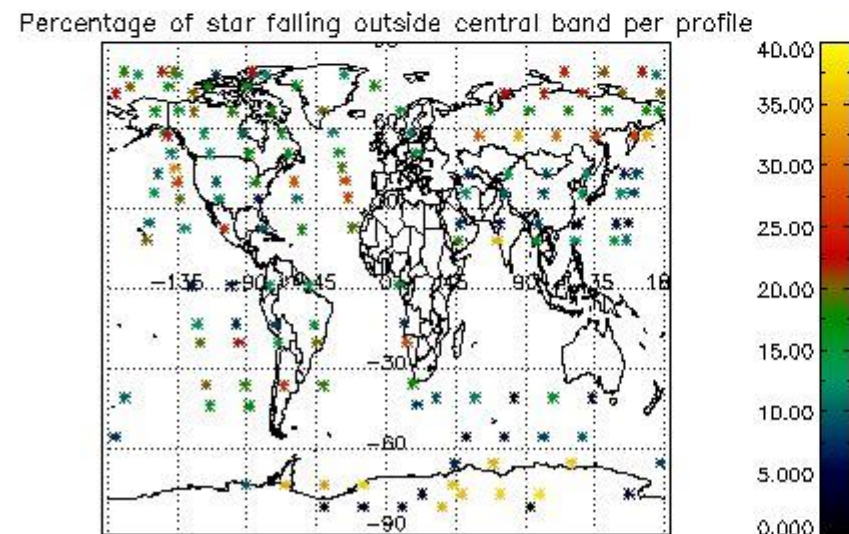
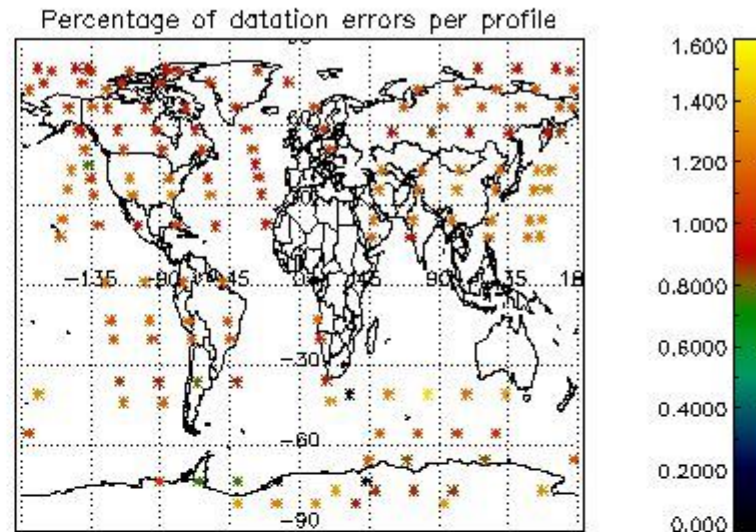
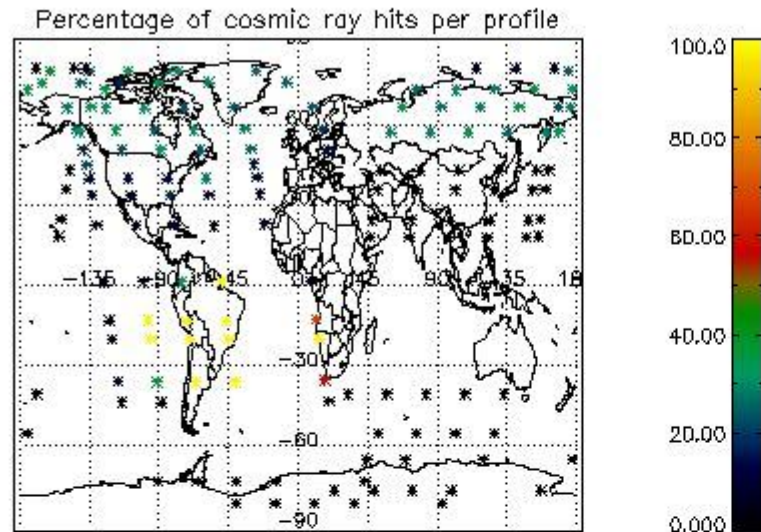
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	47.1338 %
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)



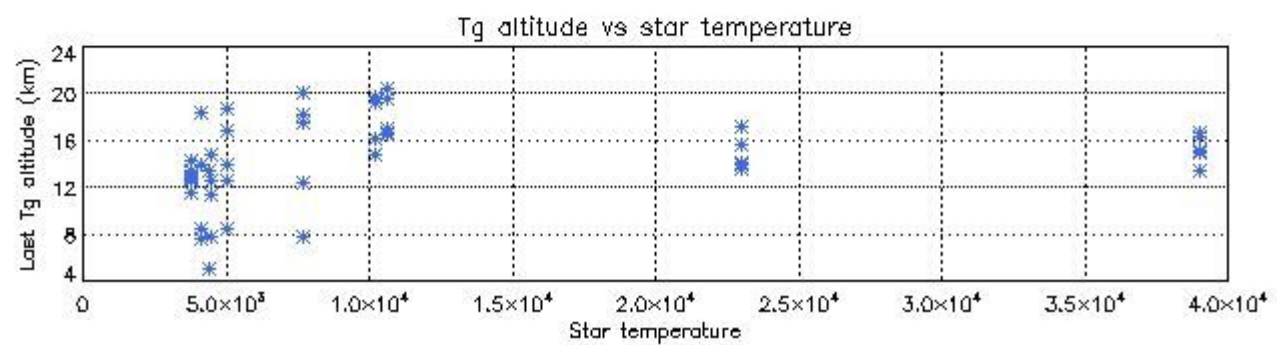
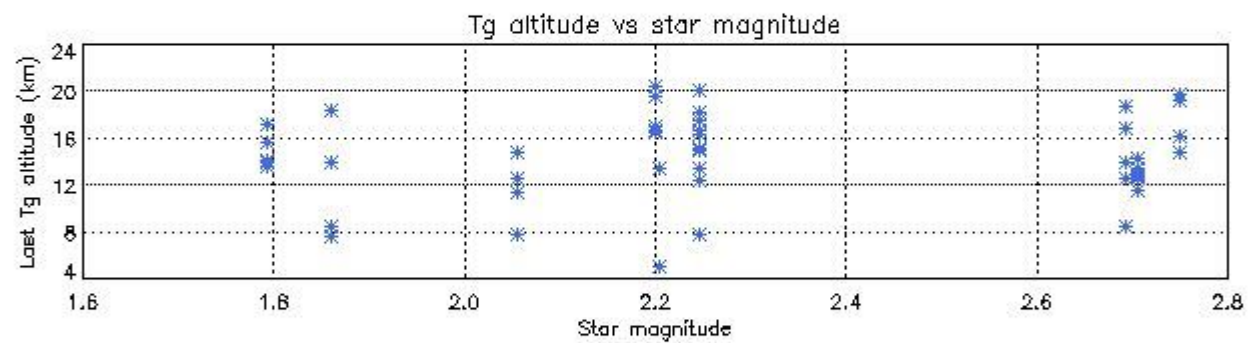
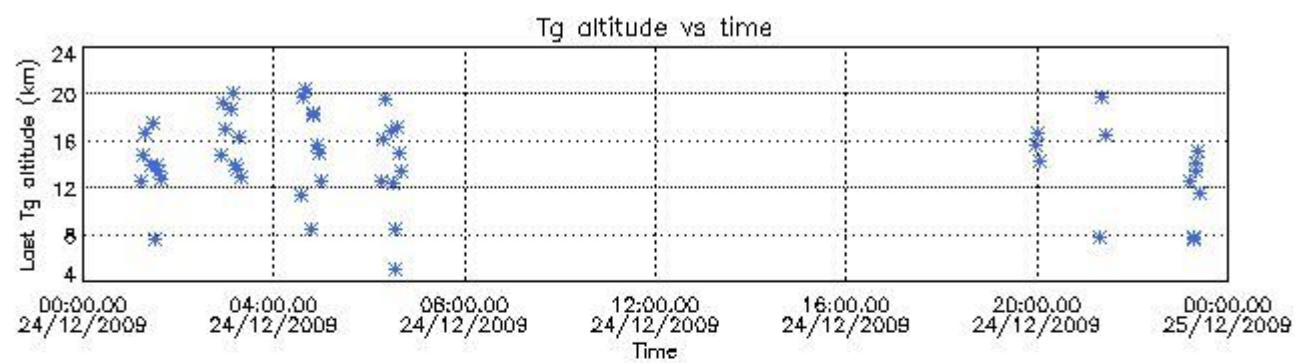
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.349	15.815	NaN
St. deviation:	3.6920	6.3698	NaN
Maximum:	20.388	29.577	NaN
Minimum:	4.9669	3.6836	NaN
Number of data:	50.000	61.000	NaN

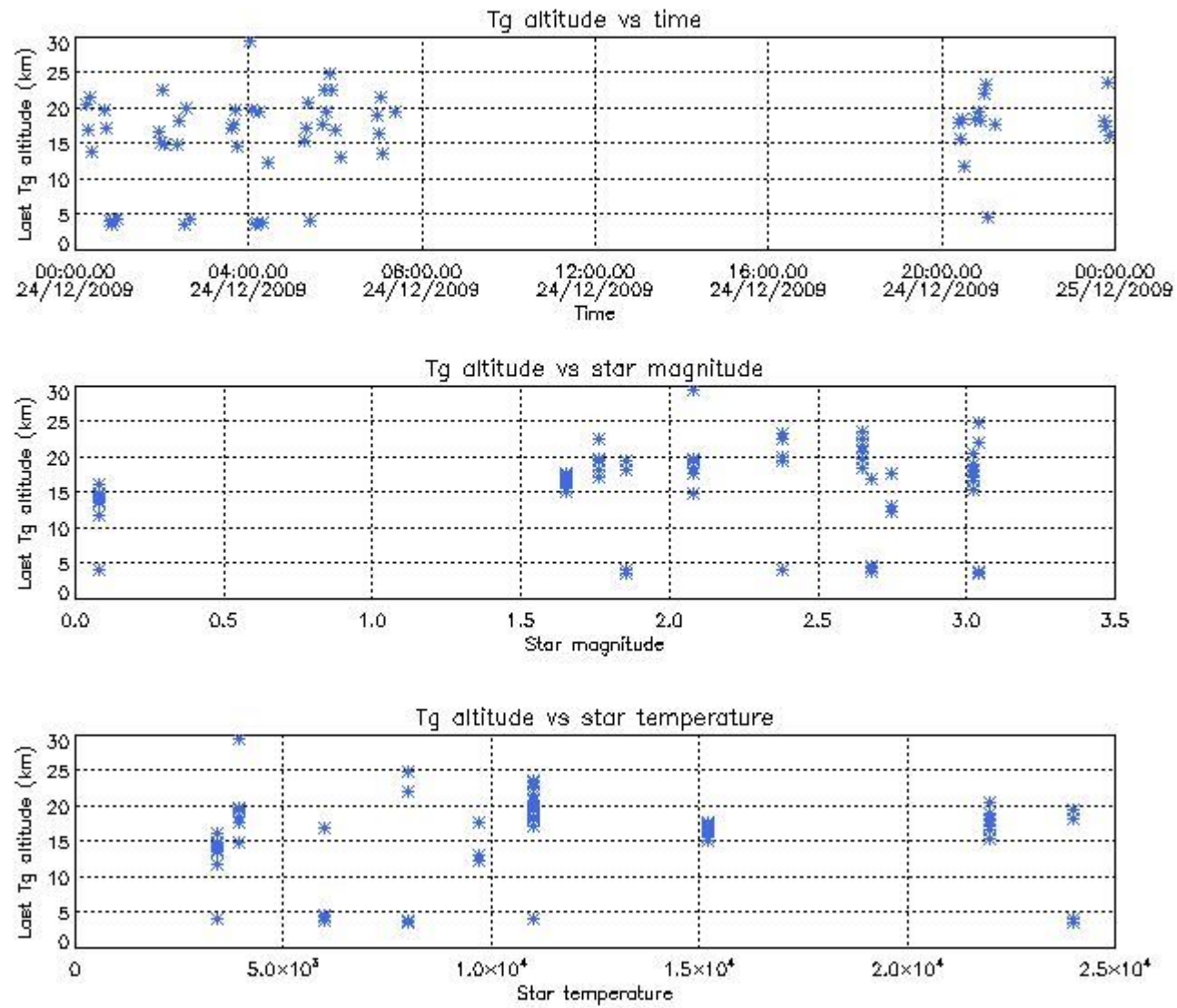
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

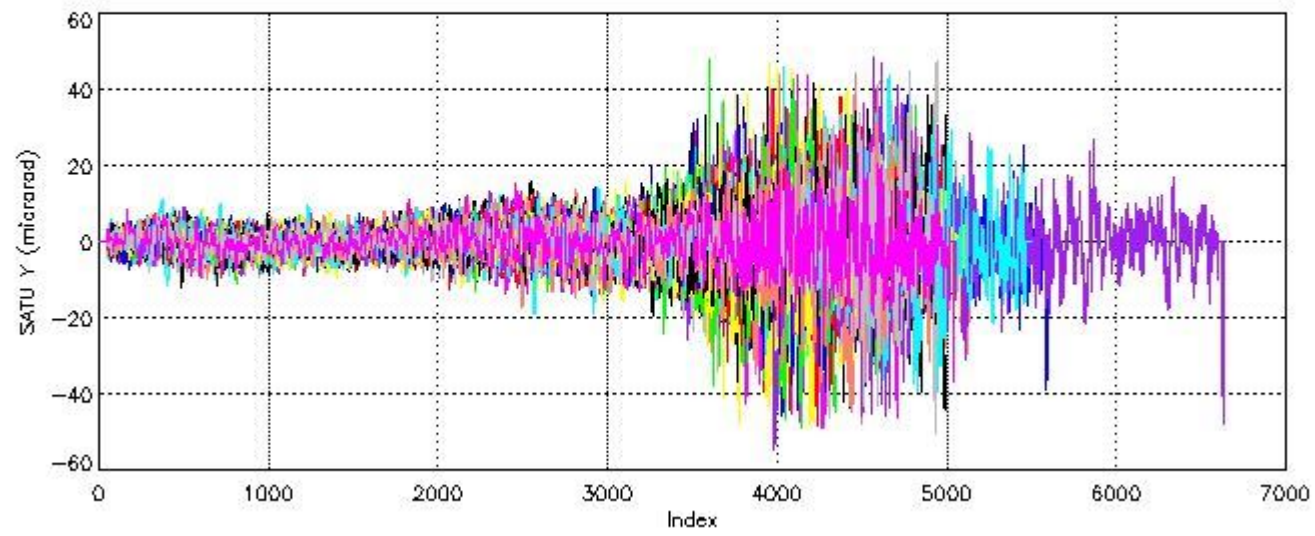
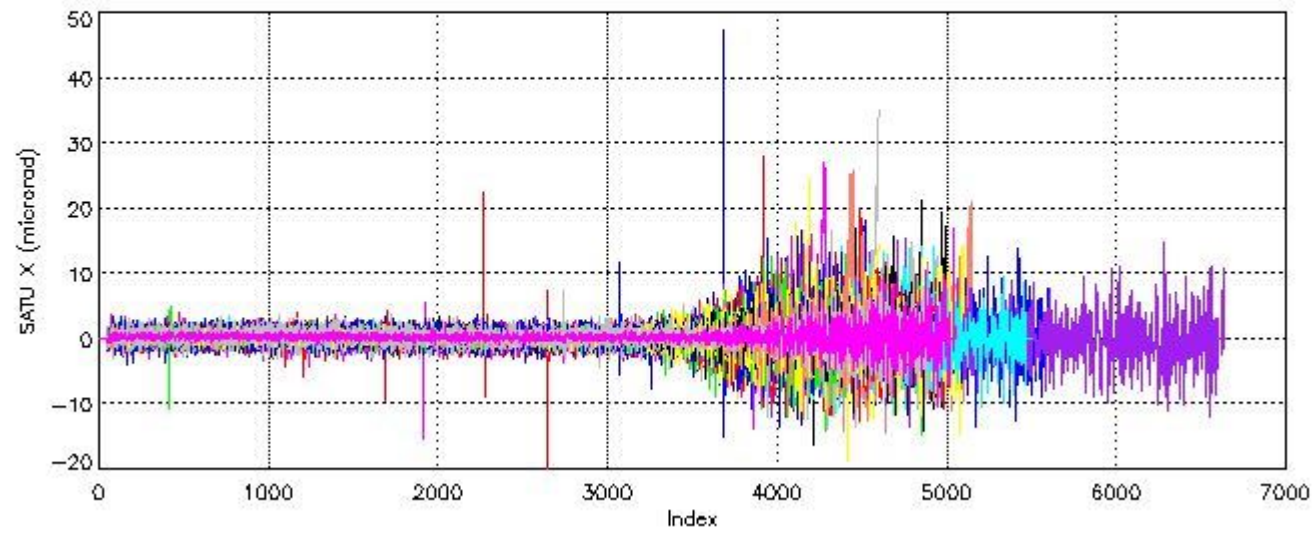


7. Star Acquisition and Tracking Unit (SATU)

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:	0.20426	-0.17741	0.17416	-0.27231
St. deviation:	0.54792	2.3567	0.81799	2.4673
Maximum:	5.0000	10.800	6.1000	11.600
Minimum:	-10.700	-11.900	-7.0000	-14.000

Number of data:	49650.	49650.	57550.	57550.
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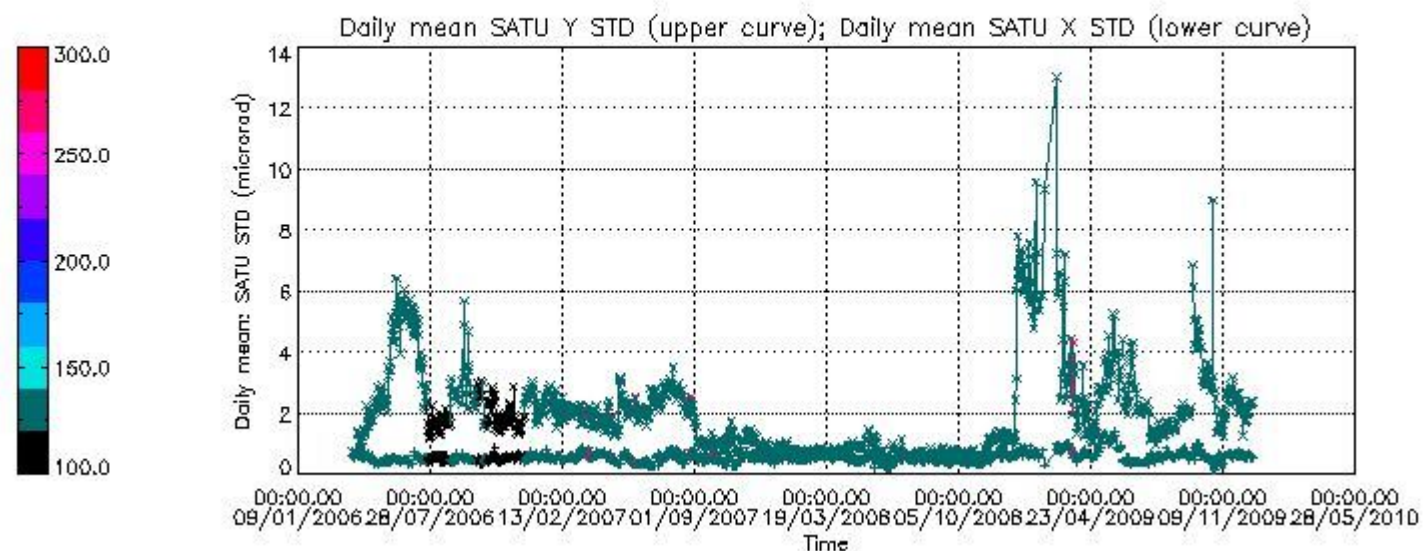
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

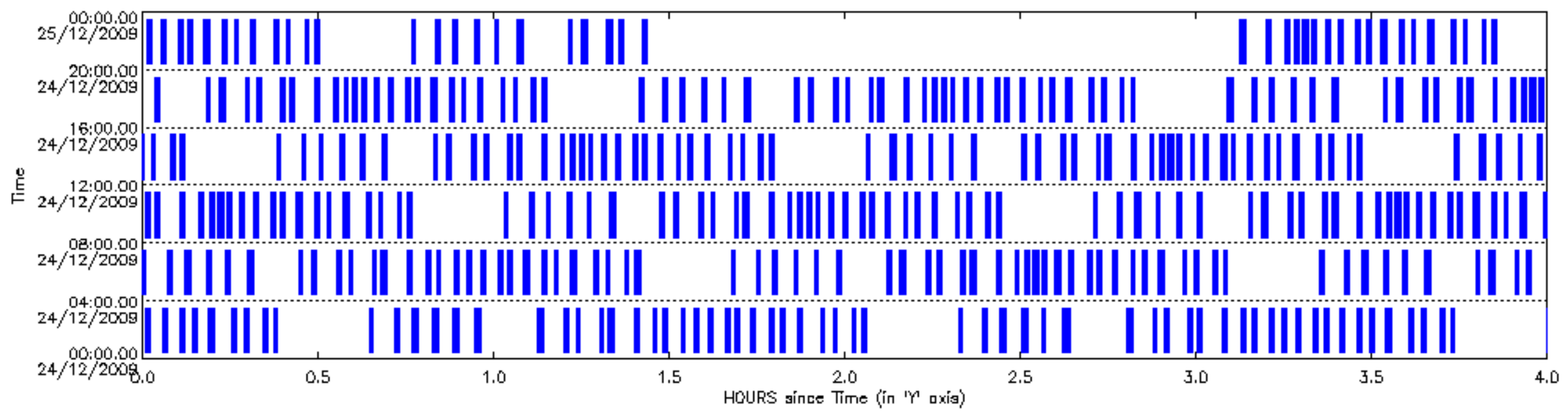
Lower curve: STD of SATU X axis

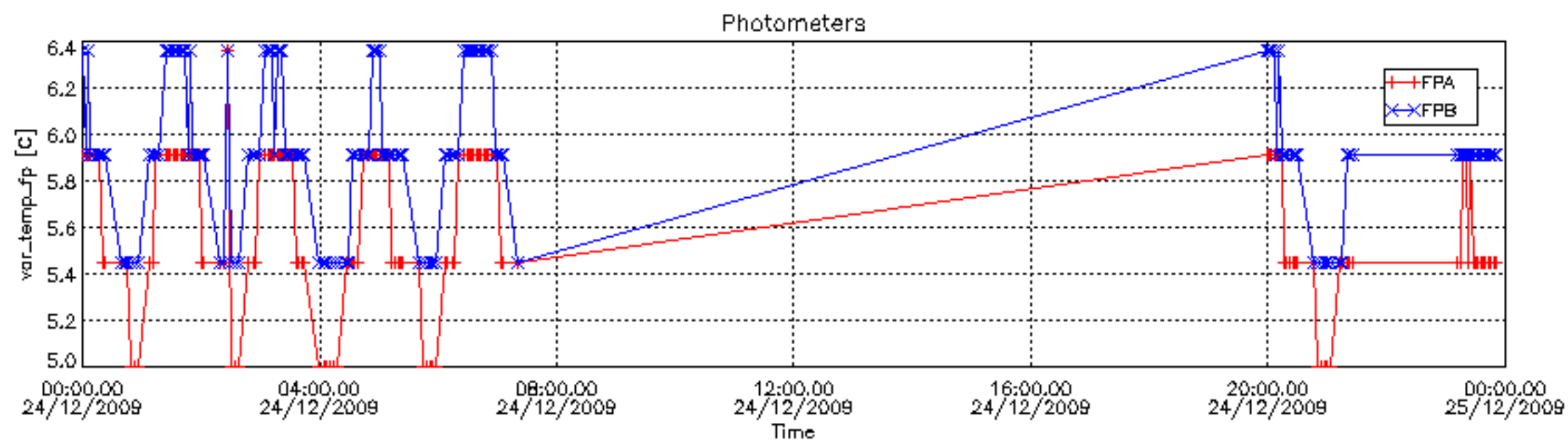
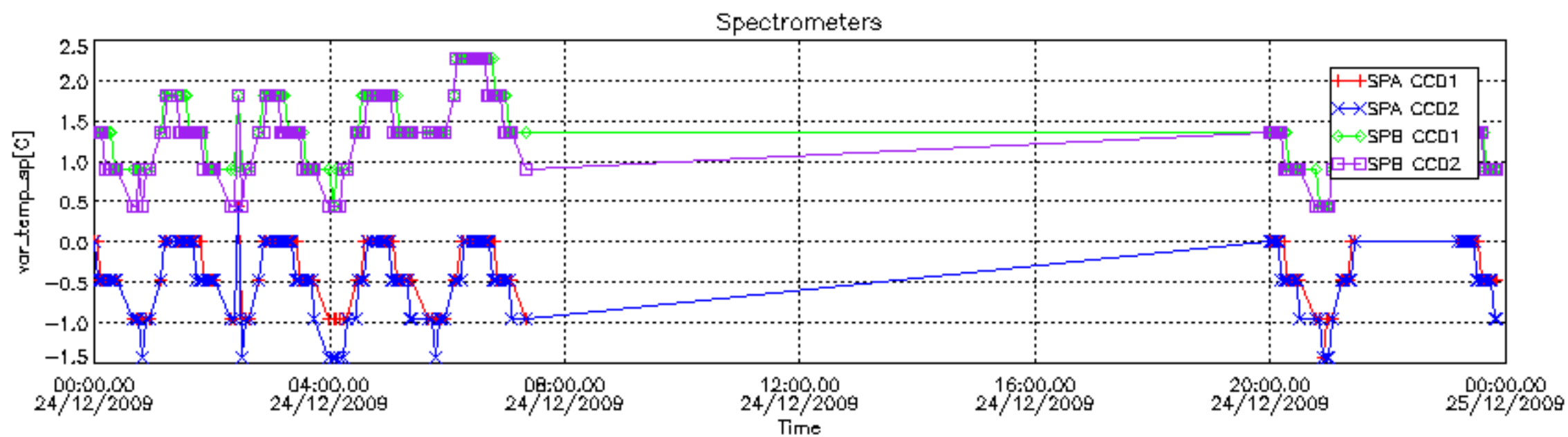


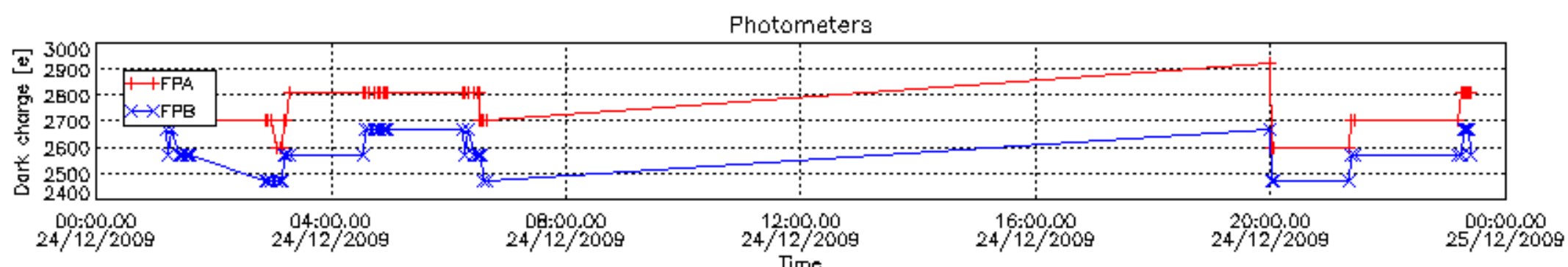
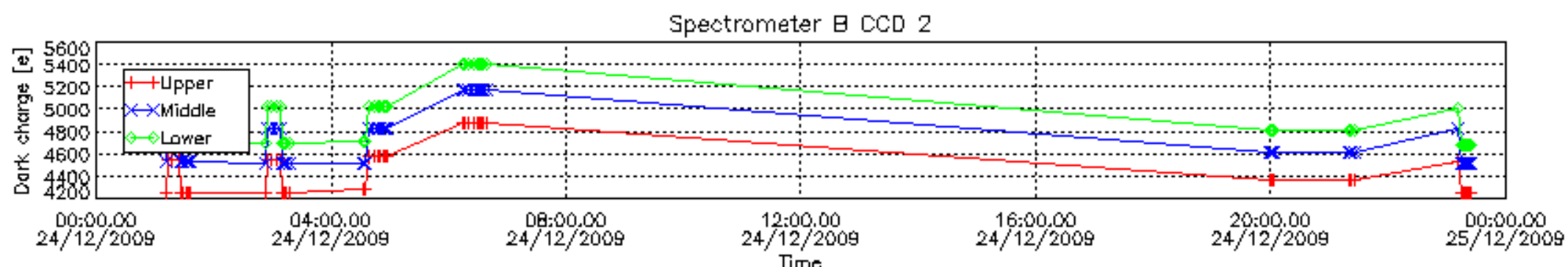
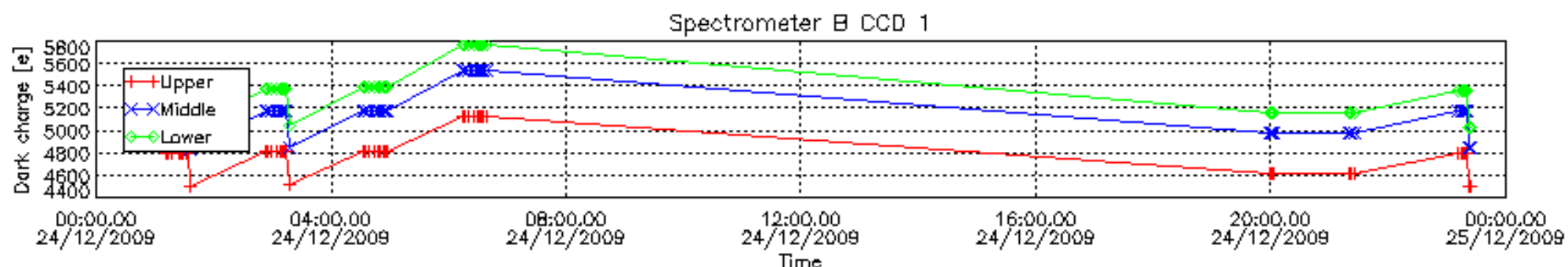
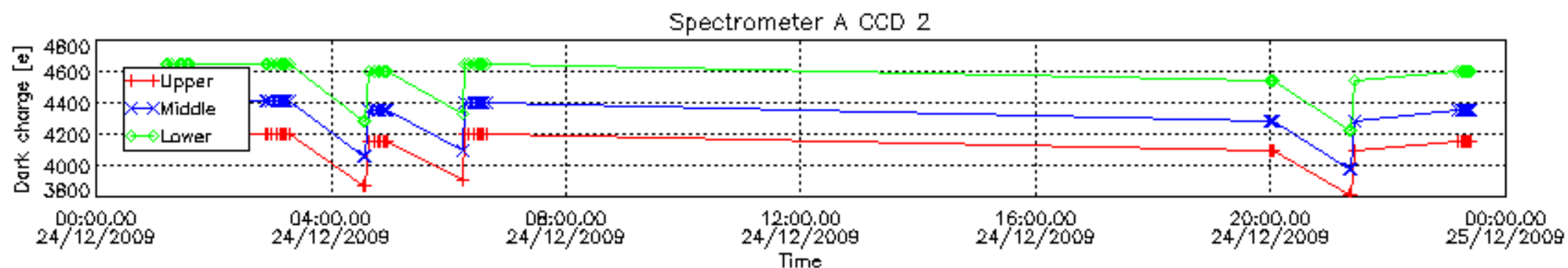
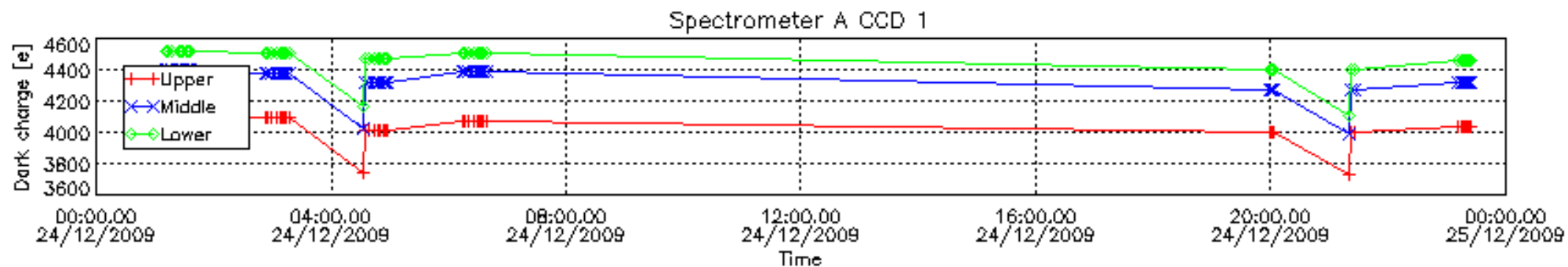
8. Auxiliary Data Files used for the production reported in section 2.4

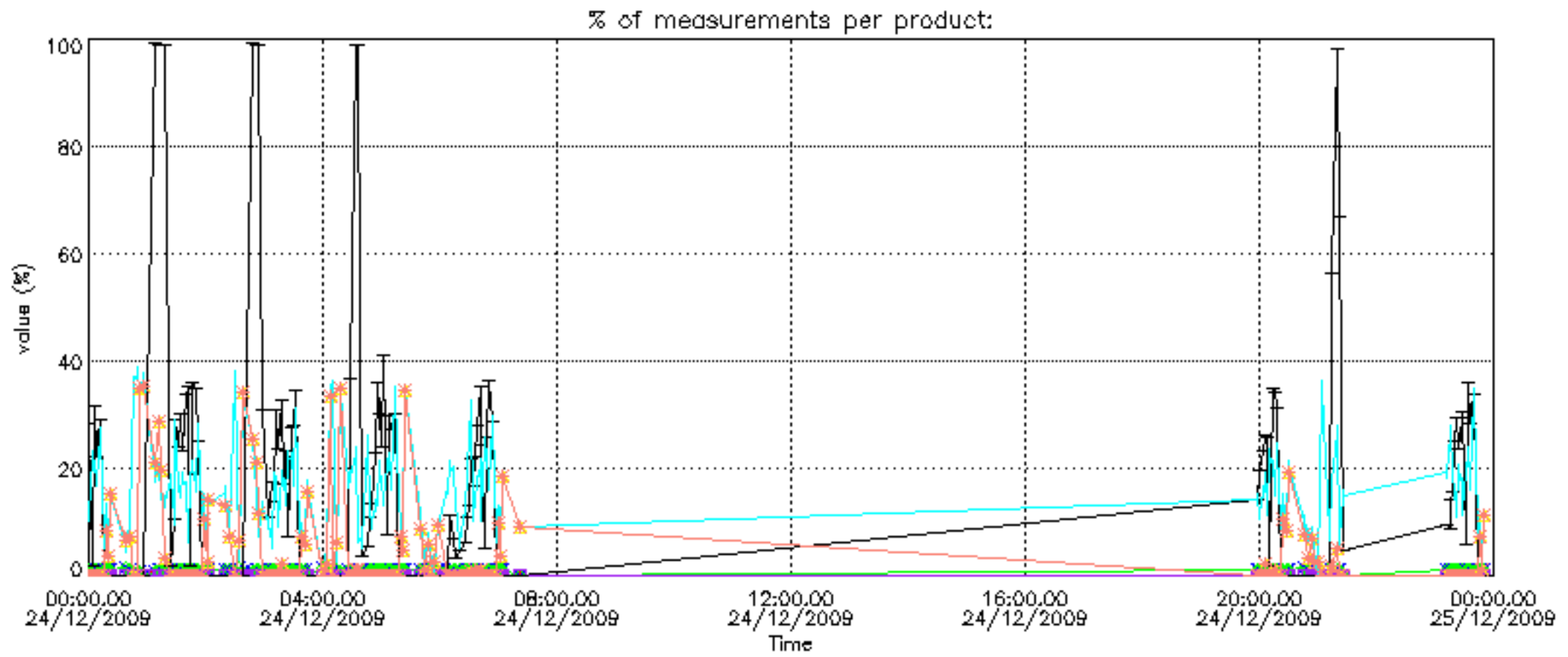
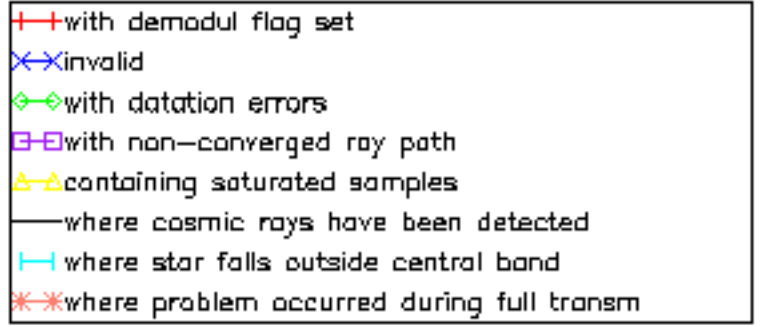
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

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CALIBRATION_DATABASE	GOM_CAL_AXVIEC20091214_085046_20091212_000000_20500101_000000	1	24-DEC-2009 00:00:32
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	24-DEC-2009 00:00:32
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	24-DEC-2009 00:00:32
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	24-DEC-2009 00:00:32
ECMWF_FILE	AUX_ECF_AXNECM20091223_162116_20091223_210000_20091224_090000	1	24-DEC-2009 00:00:32
ECMWF_FILE	AUX_ECF_AXNECM20091223_184344_20091224_030000_20091224_150000	62	24-DEC-2009 03:59:58
ECMWF_FILE	AUX_ECA_AXNECM20091224_060112_20091223_210000_20091224_090000	89	24-DEC-2009 05:40:34
ECMWF_FILE	AUX_ECF_AXNECM20091224_062111_20091224_150000_20091225_030000	118	24-DEC-2009 19:58:37
ECMWF_FILE	AUX_ECF_AXNECM20091224_062112_20091224_210000_20091225_090000	137	24-DEC-2009 21:12:38
OPTIONAL_ECMWF_FILE	MISSING	1	24-DEC-2009 00:00:32
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091223_232023_000060572085_00230_40865_9419.N1	1	24-DEC-2009 00:00:32
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ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091224_035640_000057382085_00233_40868_9422.N1	62	24-DEC-2009 03:59:58
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20091223_012104_20091222_190656_20100101_203310	89	24-DEC-2009 05:40:34
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091224_195821_000038252085_00243_40878_9424.N1	118	24-DEC-2009 19:58:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091224_210725_000060572085_00243_40878_9425.N1	137	24-DEC-2009 21:12:38
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091224_224822_000057382085_00244_40879_9426.N1	142	24-DEC-2009 23:11:55

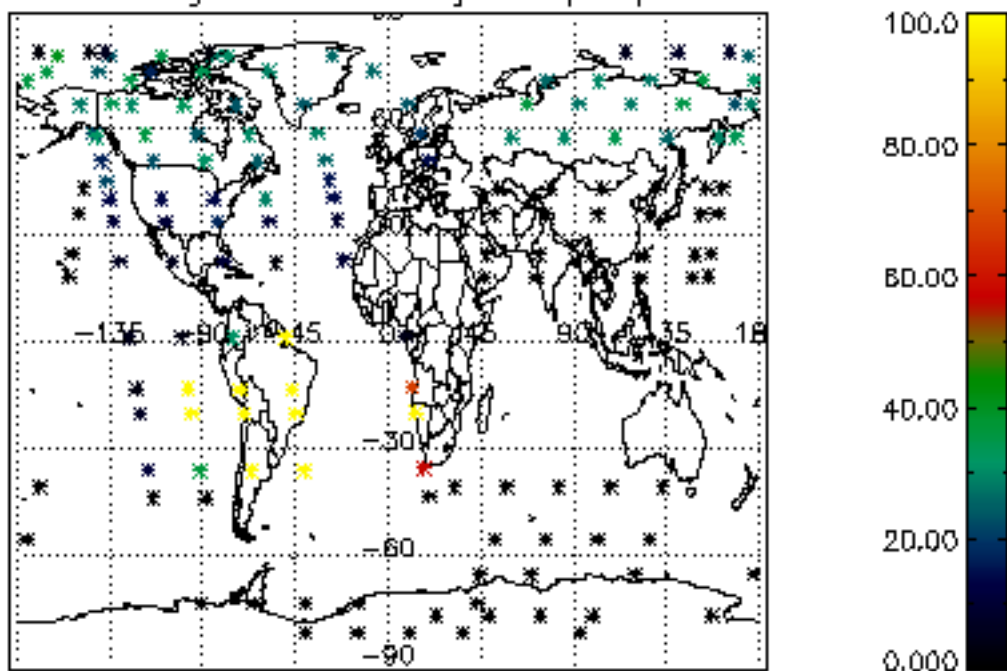




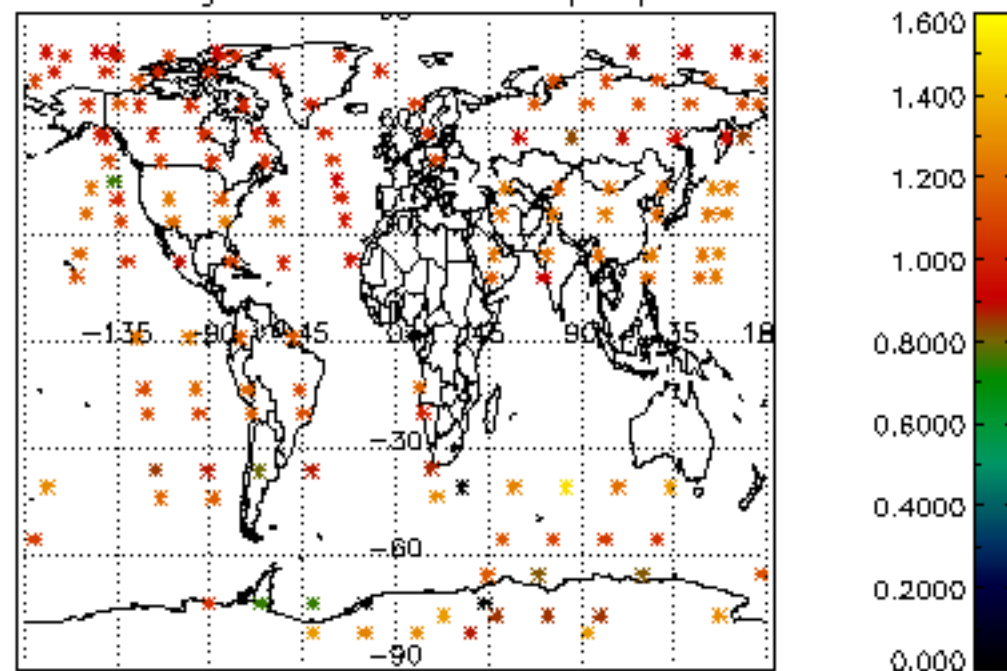




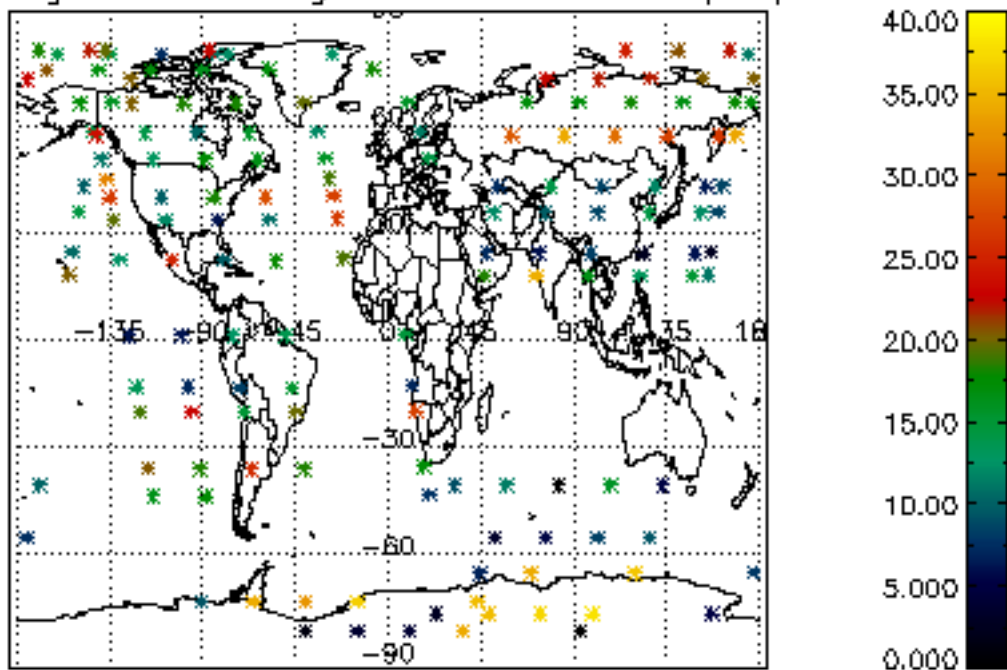
Percentage of cosmic ray hits per profile



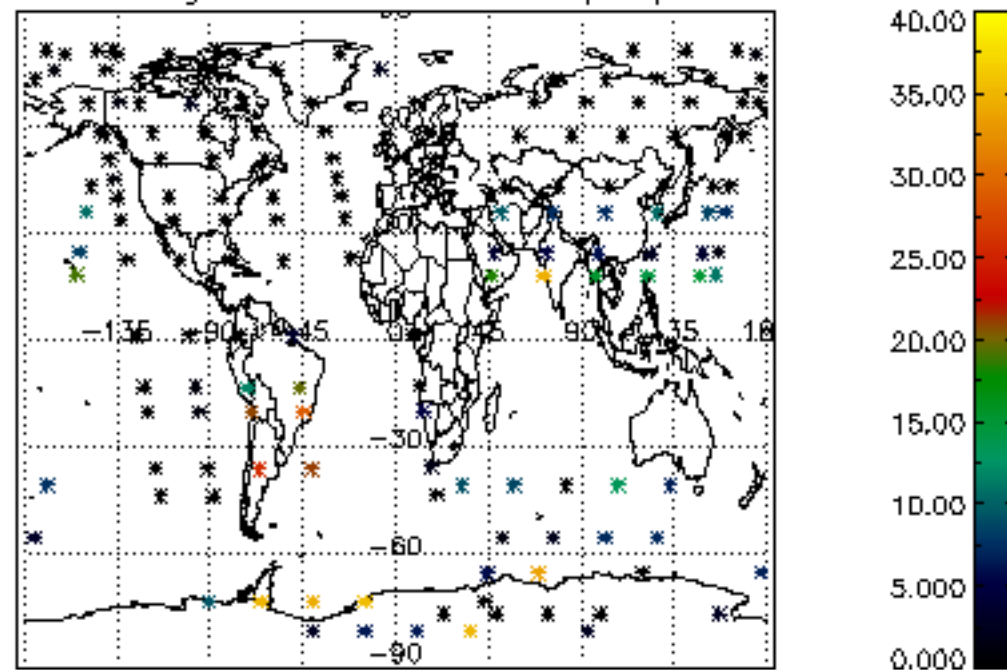
Percentage of datation errors per profile



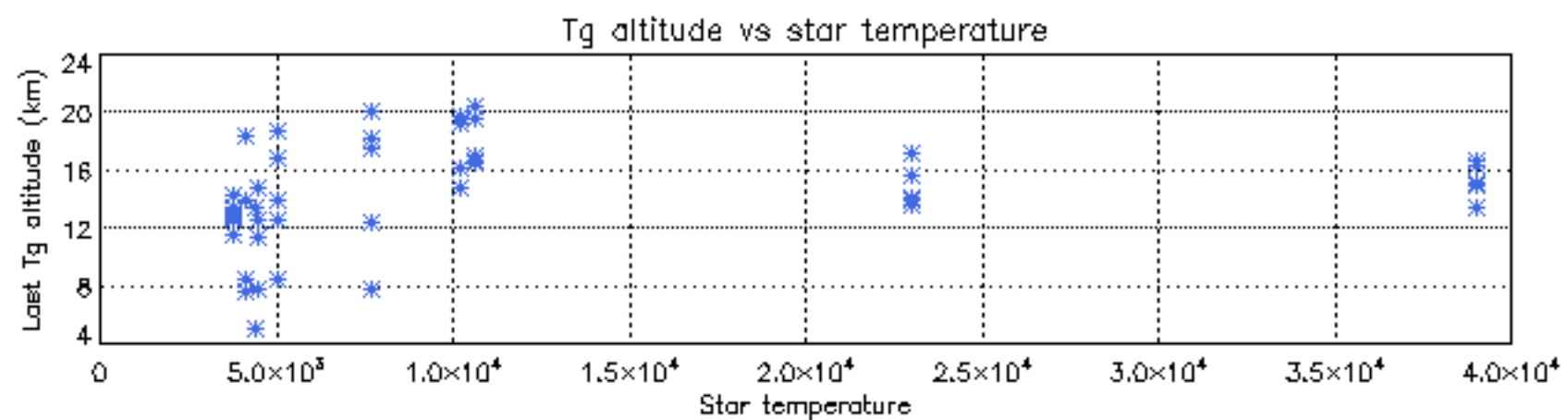
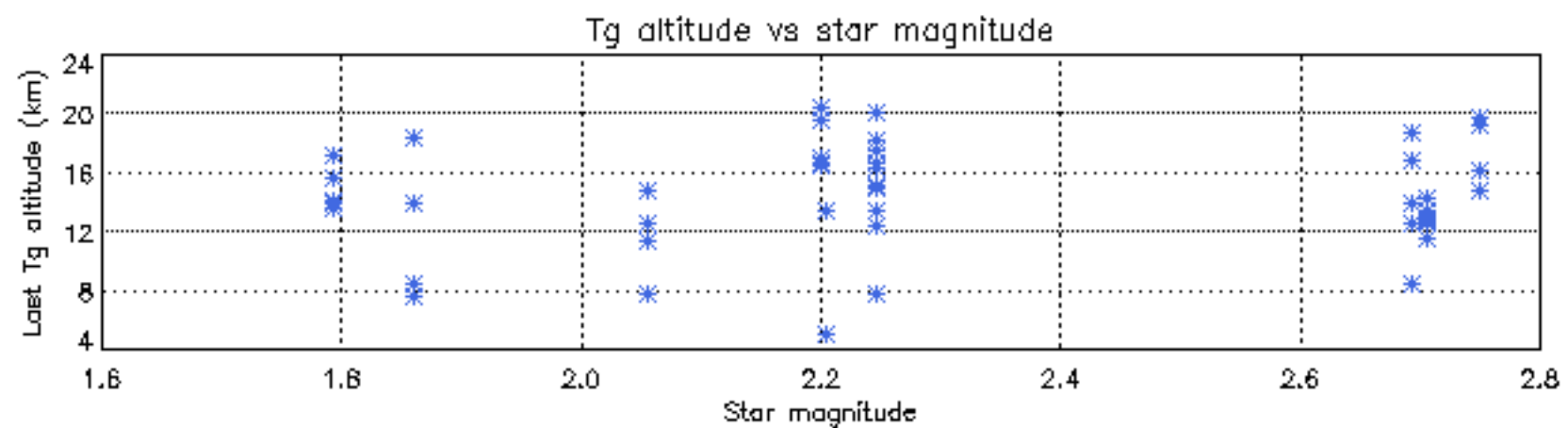
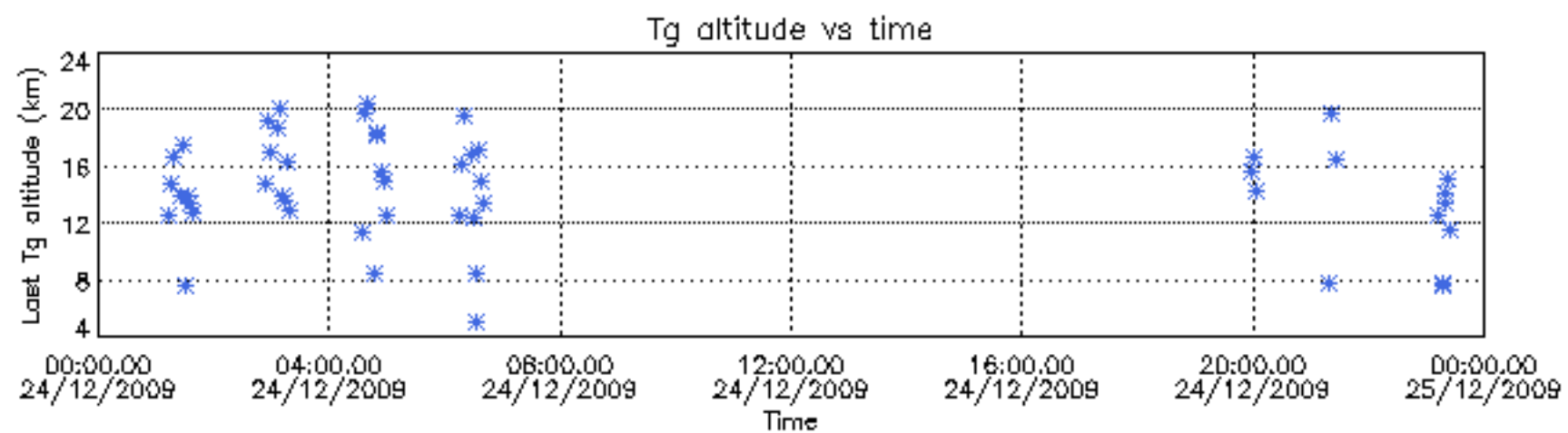
Percentage of star falling outside central band per profile



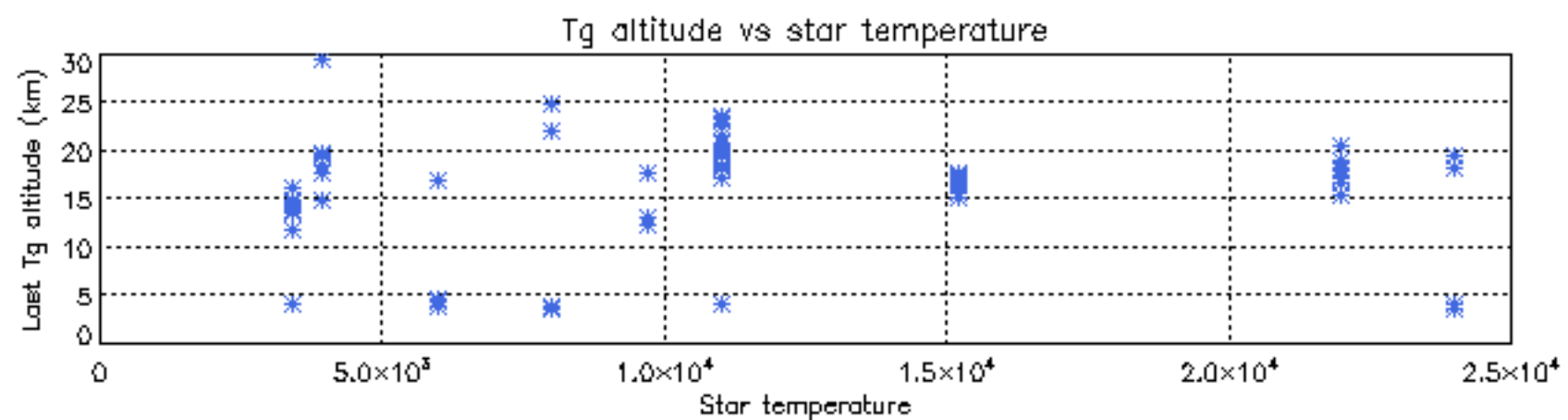
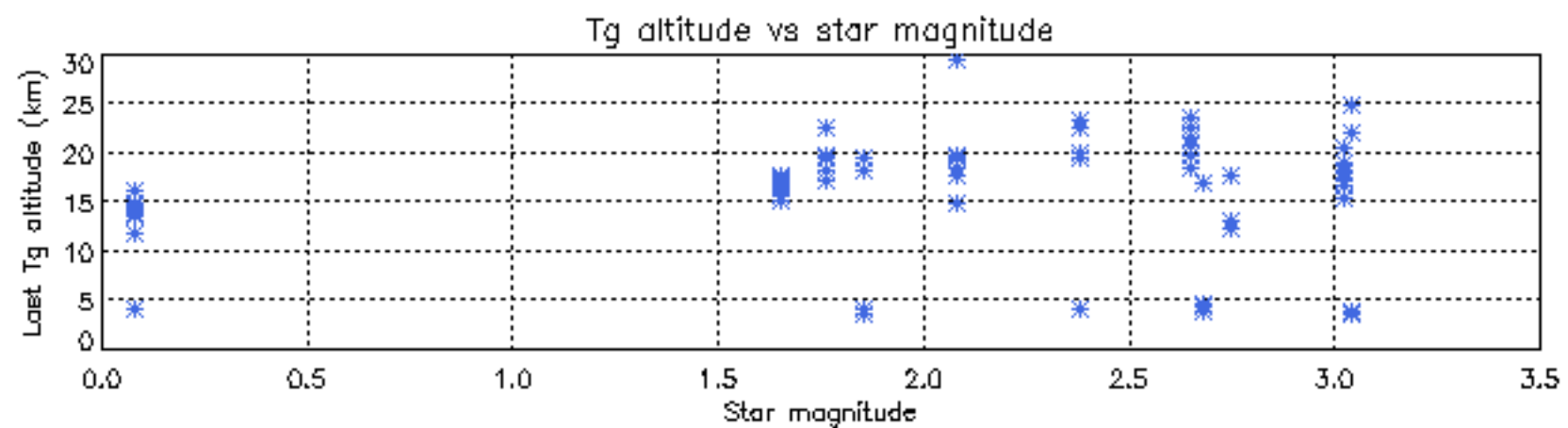
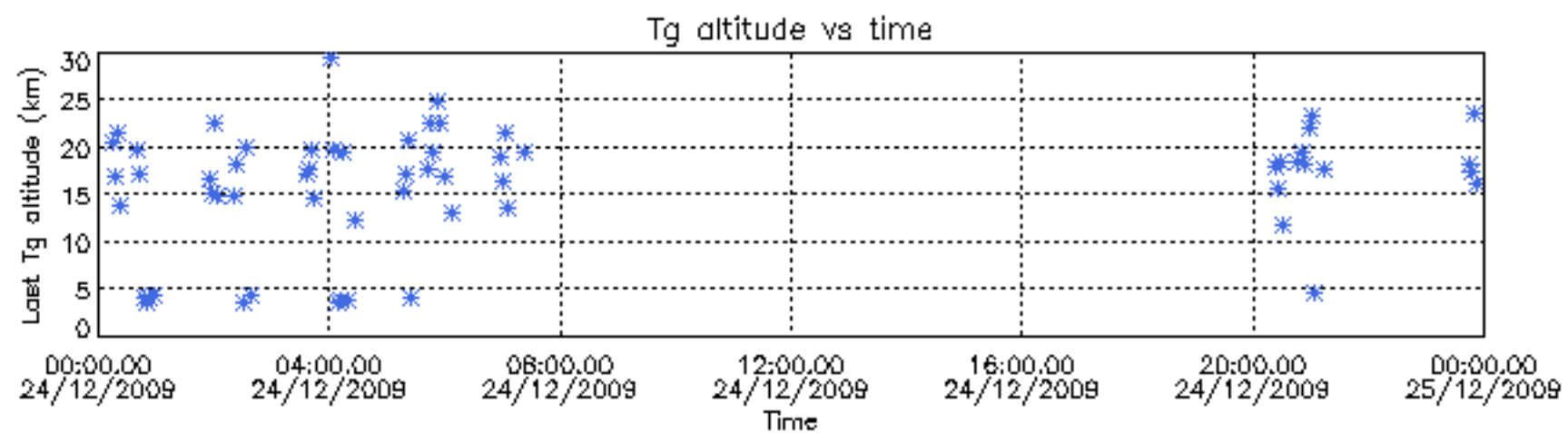
Percentage of saturation errors per profile

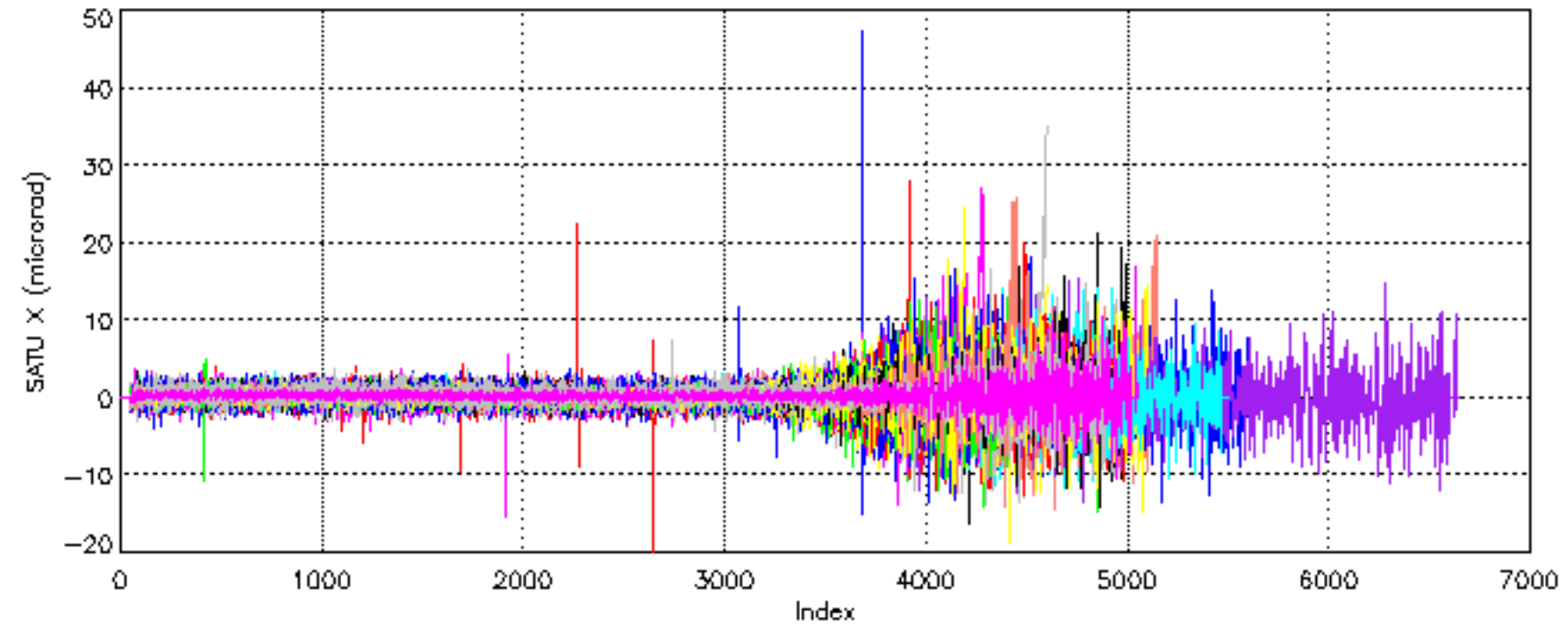


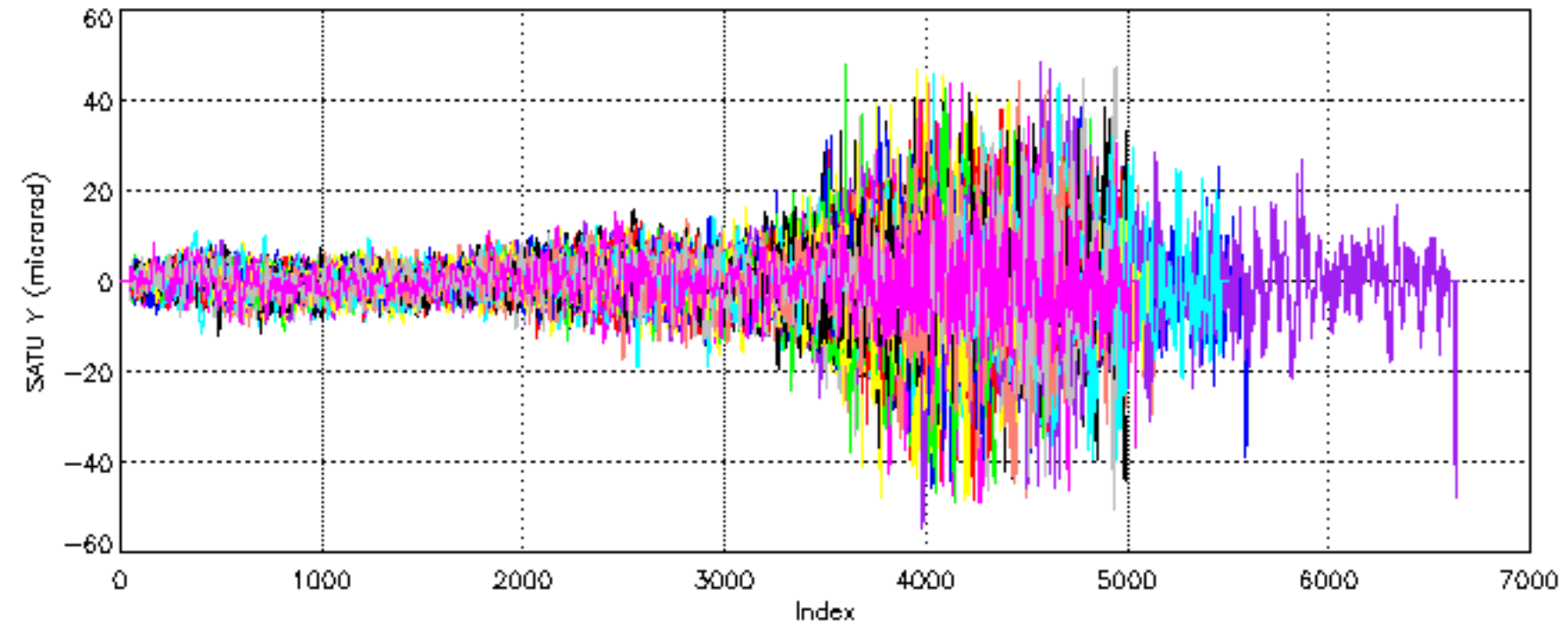
Tangent altitude at which the star is lost

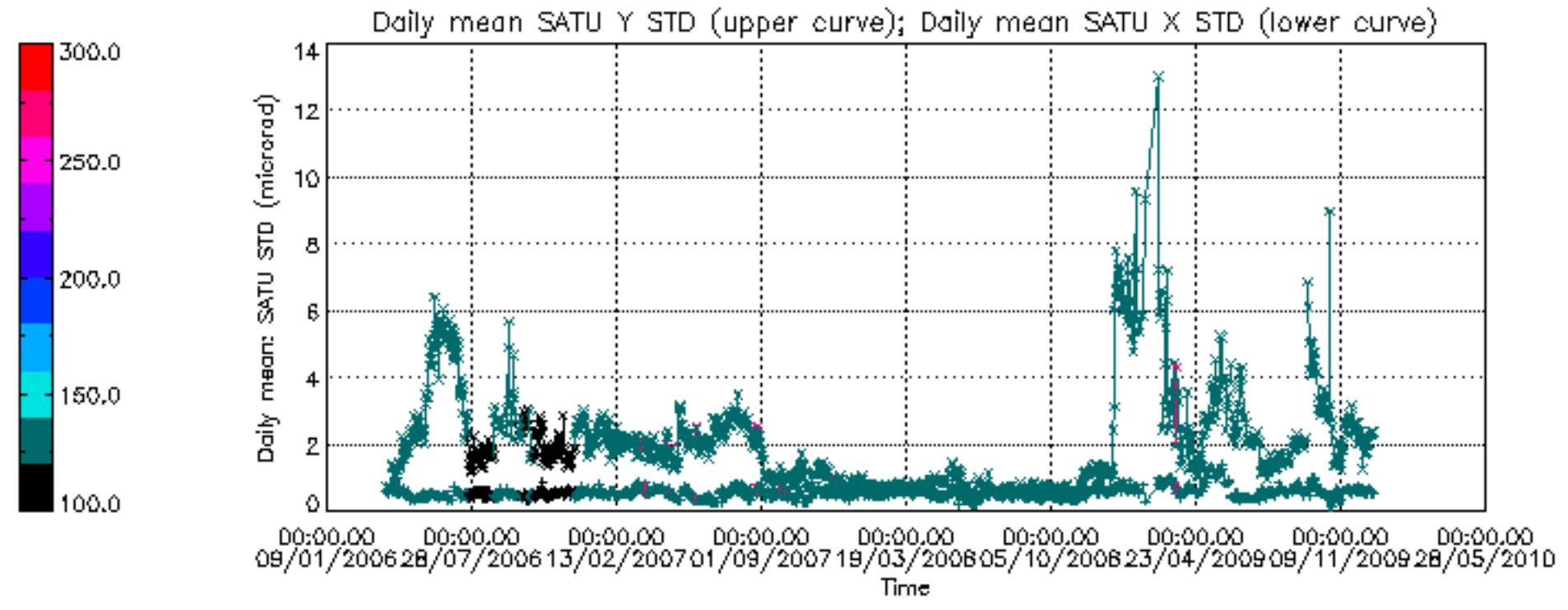


Tangent altitude at which the star is lost









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 23; 6877.1; 10-DEC-2009 13:56:07; Dark ; 53.0; 70; Zet Pup ; 2.25; 39000;occ; 106; 0;40673
 24; 7057.0; 10-DEC-2009 13:59:07; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;40673
 25; 7204.3; 10-DEC-2009 14:01:35; Dark ; 59.0; 88; 31Eta CMA ; 2.45; 20000;occ; 118; 0;40673
 26; 7306.3; 10-DEC-2009 14:03:17; Dark ; 62.0; 37; 25Del CMA ; 1.83; 5900;occ; 124; 0;40673
 27; 7561.9; 10-DEC-2009 14:07:32; Dark ; 40.0; 47; 2Bet CMA ; 1.98; 28000;occ; 80; 0;40673

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 2; 1748.1; 10-DEC-2009 14:11:14; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;40674
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 4; 2043.6; 10-DEC-2009 14:16:10; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;40674
 5; 2198.9; 10-DEC-2009 14:18:45; Dark ; 56.0; 13; 87Alp Tau ; 0.87; 3800;occ; 112; 0;40674
 6; 2363.0; 10-DEC-2009 14:21:29; Bright; 47.5; 176; 23Zet Tau ; 3.02; 22000;occ; 95; 0;40674
 7; 2483.6; 10-DEC-2009 14:23:30; Bright; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;40674
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 10; 3857.7; 10-DEC-2009 14:46:24; Bright; 52.0; 82; 48Bet UMA ; 2.37; 10600;occ; 104; 0;40674
 11; 3997.6; 10-DEC-2009 14:48:44; Bright; 38.5; 32; 77Eps UMA ; 1.76; 11000;occ; 77; 0;40674
 12; 4140.8; 10-DEC-2009 14:51:07; Bright; 35.5; 39; 85Eta UMA ; 1.85; 24000;occ; 71; 0;40674
 13; 4354.1; 10-DEC-2009 14:54:40; Bright; 56.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 113; 0;40674
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 17; 5483.9; 10-DEC-2009 15:13:30; Dark ; 43.5; 169; 46Gam Hya ; 2.99; 4700;occ; 87; 0;40674
 18; 5591.5; 10-DEC-2009 15:15:18; Dark ; 54.0; 100; 4Gam Crv ; 2.58; 13100;occ; 108; 0;40674
 19; 5687.9; 10-DEC-2009 15:16:54; Dark ; 53.5; 171; 2Eps Crv ; 3.00; 4250;occ; 107; 0;40674
 20; 6237.7; 10-DEC-2009 15:26:04; Dark ; 44.0; 113; Mu Vel ; 2.69; 5000;occ; 88; 0;40674
 21; 6555.8; 10-DEC-2009 15:31:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40674
 22; 6755.8; 10-DEC-2009 15:34:42; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;40674


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26; 7307.0; 10-DEC-2009 15:43:53; Dark ; 61.5; 37; 25Del CMa ; 1.83; 5900;occ; 123; 0;40674
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 9; 2771.9; 10-DEC-2009 16:08:54; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;40675
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11; 3857.1; 10-DEC-2009 16:26:59; Bright; 52.0; 82; 48Bet UMa ; 2.37; 10600;occ; 104; 0;40675
12; 3997.6; 10-DEC-2009 16:29:20; Bright; 45.0; 32; 77Eps UMa ; 1.76; 11000;occ; 90; 0;40675
13; 4140.4; 10-DEC-2009 16:31:43; Bright; 48.0; 39; 85Eta UMa ; 1.85; 24000;occ; 96; 0;40675
14; 4354.2; 10-DEC-2009 16:35:16; Bright; 64.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 128; 0;40675
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16; 4922.8; 10-DEC-2009 16:44:45; Bright; 67.0; 138; 47Eps Vir ; 2.83; 4700;occ; 134; 0;40675
17; 5276.4; 10-DEC-2009 16:50:39; Dark ; 59.0; 15; 67Alp Vir ; 0.98; 28000;occ; 118; 0;40675
18; 5484.8; 10-DEC-2009 16:54:07; Dark ; 42.0; 169; 46Gam Hya ; 2.99; 4700;occ; 84; 0;40675
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22; 6556.6; 10-DEC-2009 17:11:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40675
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13; 3997.4; 10-DEC-2009 18:09:56; Bright; 46.5; 32; 77Eps UMa ; 1.76; 11000;occ; 93; 0;40676
14; 4140.6; 10-DEC-2009 18:12:19; Bright; 41.0; 39; 85Eta UMa ; 1.85; 24000;occ; 82; 0;40676
15; 4353.9; 10-DEC-2009 18:15:52; Bright; 39.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 79; 0;40676
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18; 5277.0; 10-DEC-2009 18:31:15; Dark ; 52.0; 15; 67Alp Vir ; 0.98; 28000;occ; 104; 0;40676
19; 5485.0; 10-DEC-2009 18:34:43; Dark ; 45.0; 169; 46Gam Hya ; 2.99; 4700;occ; 90; 0;40676
20; 5593.8; 10-DEC-2009 18:36:32; Dark ; 50.0; 100; 4Gam Crv ; 2.58; 13100;occ; 100; 0;40676
21; 5690.1; 10-DEC-2009 18:38:08; Dark ; 49.5; 171; 2Eps Crv ; 3.00; 4250;occ; 99; 0;40676
22; 6239.5; 10-DEC-2009 18:47:18; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;40676
23; 6557.4; 10-DEC-2009 18:52:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40676
24; 6757.3; 10-DEC-2009 18:55:56; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;40676
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 2; 1170.4; 10-DEC-2009 19:03:25; Dark ; 62.0; 88; 31Eta CMA ; 2.45; 20000;occ; 124; 0;40677
 3; 1271.9; 10-DEC-2009 19:05:06; Dark ; 66.0; 37; 25Del CMA ; 1.83; 5900;occ; 132; 0;40677
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 12; 3765.5; 10-DEC-2009 19:46:40; Bright; 43.5; 36; 50Alp UMa ; 1.80; 6300;occ; 87; 0;40677
 13; 3855.9; 10-DEC-2009 19:48:10; Bright; 50.5; 82; 48Bet UMa ; 2.37; 10600;occ; 101; 0;40677
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 21; 5594.9; 10-DEC-2009 20:17:09; Dark ; 53.0; 100; 4Gam Crv ; 2.58; 13100;occ; 106; 0;40677
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 23; 6240.2; 10-DEC-2009 20:27:54; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;40677
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 26; 6880.6; 10-DEC-2009 20:38:35; Dark ; 54.0; 70; Zet Pup ; 2.25; 39000;occ; 108; 0;40677
 27; 7059.5; 10-DEC-2009 20:41:34; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;40677

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 5; 1024.8; 11-DEC-2009 00:02:47; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;40680
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 11; 2197.7; 11-DEC-2009 00:22:20; Dark ; 51.0; 13; 87Alp Tau ; 0.87; 3800;occ; 102; 0;40680
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 13; 2591.6; 11-DEC-2009 00:28:54; Bright; 36.5; 149; 45Eps Per ; 2.89; 30000;occ; 73; 0;40680
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 7; 724.4; 11-DEC-2009 01:38:22; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;40681
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 9; 1025.5; 11-DEC-2009 01:43:23; Dark ; 57.5; 117; Pi Pup ; 2.71; 3800;occ; 115; 0;40681
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 12; 1748.1; 11-DEC-2009 01:55:26; Dark ; 48.0; 7; 19Bet Ori ; 0.10; 14000;occ; 96; 0;40681
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 19; 3763.6; 11-DEC-2009 02:29:01; Bright; 50.5; 36; 50Alp UMa ; 1.80; 6300;occ; 101; 0;40681

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 5; -1110.1; 11-DEC-2009 02:48:24; Bright; 67.0; 138; 47Eps Vir ; 2.83; 4700;occ; 134; 0;40681
 6; -756.2; 11-DEC-2009 02:54:18; Dark ; 49.0; 15; 67Alp Vir ; 0.98; 28000;occ; 98; 0;40681
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 27; 7563.5; 11-DEC-2009 08:34:09; Dark ; 29.0; 47; 2Bet CMa ; 1.98; 28000;occ; 58; 0;40684
 28; 7784.0; 11-DEC-2009 08:37:50; Dark ; 49.0; 7; 19Bet Ori ; 0.10; 14000;occ; 98; 0;40684

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20091211_083755_000058442085_00050_40685_5739.N1

1; 1753.6; 11-DEC-2009 08:37:55; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 11;40685
 2; 1894.1; 11-DEC-2009 08:40:16; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;40685
 3; 2040.4; 11-DEC-2009 08:42:42; Dark ; 51.0; 27; 24Gam Ori ; 1.64; 26000;occ; 102; 0;40685
 4; 2197.1; 11-DEC-2009 08:45:19; Dark ; 56.0; 13; 87Alp Tau ; 0.87; 3800;occ; 112; 0;40685
 5; 2451.3; 11-DEC-2009 08:49:33; Bright; 37.5; 150; 44Zet Per ; 2.89; 28000;occ; 75; 0;40685
 6; 2591.4; 11-DEC-2009 08:51:53; Bright; 36.0; 149; 45Eps Per ; 2.89; 30000;occ; 72; 0;40685
 7; 2767.4; 11-DEC-2009 08:54:49; Bright; 60.0; 6; 13Alp Aur ; 0.08; 3400;occ; 120; 0;40685
 8; 3761.9; 11-DEC-2009 09:11:24; Bright; 52.0; 36; 50Alp UMa ; 1.80; 6300;occ; 104; 0;40685
 9; 3995.8; 11-DEC-2009 09:15:18; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;40685
 10; 4140.1; 11-DEC-2009 09:17:42; Bright; 41.5; 39; 85Eta UMa ; 1.85; 24000;occ; 83; 0;40685
 11; 4331.5; 11-DEC-2009 09:20:53; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;40685
 12; 4710.8; 11-DEC-2009 09:27:13; Bright; 57.0; 111; 8Eta Boo ; 2.68; 6000;occ; 114; 0;40685
 13; 4928.1; 11-DEC-2009 09:30:50; Bright; 67.0; 138; 47Eps Vir ; 2.83; 4700;occ; 134; 0;40685
 14; 5282.3; 11-DEC-2009 09:36:44; Dark ; 54.0; 15; 67Alp Vir ; 0.98; 28000;occ; 108; 0;40685
 15; 5491.0; 11-DEC-2009 09:40:13; Dark ; 46.0; 169; 46Gam Hya ; 2.99; 4700;occ; 92; 0;40685
 16; 5604.0; 11-DEC-2009 09:42:06; Dark ; 55.0; 100; 4Gam Crv ; 2.58; 13100;occ; 110; 0;40685
 17; 5700.3; 11-DEC-2009 09:43:42; Dark ; 58.5; 171; 2Eps Crv ; 3.00; 4250;occ; 117; 0;40685
 18; 5937.3; 11-DEC-2009 09:47:39; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;40685
 19; 6030.3; 11-DEC-2009 09:49:12; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;40685
 20; 6247.2; 11-DEC-2009 09:52:49; Dark ; 44.0; 113; Mu Vel ; 2.69; 5000;occ; 88; 0;40685
 21; 6491.5; 11-DEC-2009 09:56:53; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40685
 22; 6564.3; 11-DEC-2009 09:58:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40685
 23; 6764.1; 11-DEC-2009 10:01:26; Dark ; 52.0; 34; Gam2Vel ; 1.79; 23000;occ; 104; 0;40685
 24; 6913.6; 11-DEC-2009 10:03:55; Dark ; 46.0; 2; Alp Car ; -0.74; 7000;occ; 92; 0;40685
 25; 7064.5; 11-DEC-2009 10:06:26; Dark ; 55.0; 117; Pi Pup ; 2.71; 3800;occ; 110; 0;40685
 26; 7269.8; 11-DEC-2009 10:09:52; Dark ; 55.0; 23; 21Eps CMa ; 1.50; 26000;occ; 110; 0;40685
 27; 7563.8; 11-DEC-2009 10:14:46; Dark ; 34.5; 47; 2Bet CMa ; 1.98; 28000;occ; 69; 0;40685

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20091211_101512_000060442085_00051_40686_5740.N1

1; 1553.9; 11-DEC-2009 10:15:12; Dark ; 35.0; 47; 2Bet CMa ; 1.98; 28000;occ; 70; 52;40686

2; 1748.0; 11-DEC-2009 10:18:26; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;40686
3; 1893.9; 11-DEC-2009 10:20:52; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;40686
4; 2040.2; 11-DEC-2009 10:23:18; Dark ; 51.0; 27; 24Gam Ori ; 1.64; 26000;occ; 102; 0;40686
5; 2196.9; 11-DEC-2009 10:25:55; Dark ; 49.0; 13; 87Alp Tau ; 0.87; 3800;occ; 98; 0;40686
6; 2355.8; 11-DEC-2009 10:28:33; Bright; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;40686
7; 2477.3; 11-DEC-2009 10:30:35; Bright; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;40686
8; 2591.4; 11-DEC-2009 10:32:29; Bright; 53.0; 149; 45Eps Per ; 2.89; 30000;occ; 106; 0;40686
9; 2766.9; 11-DEC-2009 10:35:25; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;40686
10; 3761.5; 11-DEC-2009 10:51:59; Bright; 43.5; 36; 50Alp UMa ; 1.80; 6300;occ; 87; 0;40686
11; 3995.5; 11-DEC-2009 10:55:53; Bright; 41.5; 32; 77Eps UMa ; 1.76; 11000;occ; 83; 0;40686
12; 4140.3; 11-DEC-2009 10:58:18; Bright; 56.0; 39; 85Eta UMa ; 1.85; 24000;occ; 112; 0;40686
13; 4331.5; 11-DEC-2009 11:01:29; Bright; 46.5; 180; 27Gam Boo ; 3.04; 8000;occ; 93; 0;40686
14; 4711.2; 11-DEC-2009 11:07:49; Bright; 57.0; 111; 8Eta Boo ; 2.68; 6000;occ; 114; 0;40686
15; 4928.6; 11-DEC-2009 11:11:26; Bright; 50.5; 138; 47Eps Vir ; 2.83; 4700;occ; 101; 0;40686
16; 5283.0; 11-DEC-2009 11:17:21; Dark ; 50.5; 15; 67Alp Vir ; 0.98; 28000;occ; 101; 0;40686
17; 5491.5; 11-DEC-2009 11:20:49; Dark ; 45.5; 169; 46Gam Hya ; 2.99; 4700;occ; 91; 0;40686
18; 5605.0; 11-DEC-2009 11:22:43; Dark ; 56.0; 100; 4Gam Crv ; 2.58; 13100;occ; 112; 0;40686
19; 5701.3; 11-DEC-2009 11:24:19; Dark ; 55.5; 171; 2Eps Crv ; 3.00; 4250;occ; 111; 0;40686
20; 5937.8; 11-DEC-2009 11:28:15; Dark ; 38.5; 64; Gam Cen ; 2.20; 10600;occ; 77; 0;40686
21; 6030.9; 11-DEC-2009 11:29:49; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;40686
22; 6248.0; 11-DEC-2009 11:33:26; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;40686
23; 6492.1; 11-DEC-2009 11:37:30; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40686
24; 6565.1; 11-DEC-2009 11:38:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40686
25; 6764.9; 11-DEC-2009 11:42:03; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;40686
26; 6913.8; 11-DEC-2009 11:44:32; Dark ; 49.5; 2; Alp Car ; -0.74; 7000;occ; 99; 0;40686
27; 7065.4; 11-DEC-2009 11:47:03; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;40686
28; 7270.1; 11-DEC-2009 11:50:28; Dark ; 56.0; 23; 21Eps CMa ; 1.50; 26000;occ; 112; 0;40686
29; 7563.9; 11-DEC-2009 11:55:22; Dark ; 34.5; 47; 2Bet CMa ; 1.98; 28000;occ; 69; 0;40686

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1; 1547.5; 11-DEC-2009 11:55:41; Dark ; 35.0; 47; 2Bet CMa ; 1.98; 28000;occ; 70; 39;40687
2; 1748.0; 11-DEC-2009 11:59:02; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;40687
3; 1893.6; 11-DEC-2009 12:01:27; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;40687
4; 2040.0; 11-DEC-2009 12:03:54; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;40687
5; 2196.8; 11-DEC-2009 12:06:30; Dark ; 47.5; 13; 87Alp Tau ; 0.87; 3800;occ; 95; 0;40687
6; 2355.6; 11-DEC-2009 12:09:09; Bright; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;40687
7; 2476.9; 11-DEC-2009 12:11:10; Bright; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;40687
8; 2591.1; 11-DEC-2009 12:13:05; Bright; 36.5; 149; 45Eps Per ; 2.89; 30000;occ; 73; 0;40687
9; 2766.6; 11-DEC-2009 12:16:00; Bright; 42.5; 6; 13Alp Aur ; 0.08; 3400;occ; 85; 0;40687
10; 3760.8; 11-DEC-2009 12:32:34; Bright; 43.0; 36; 50Alp UMa ; 1.80; 6300;occ; 86; 0;40687
11; 3995.2; 11-DEC-2009 12:36:29; Bright; 38.5; 32; 77Eps UMa ; 1.76; 11000;occ; 77; 0;40687
12; 4140.1; 11-DEC-2009 12:38:54; Bright; 47.5; 39; 85Eta UMa ; 1.85; 24000;occ; 95; 0;40687
13; 4331.7; 11-DEC-2009 12:42:05; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;40687
14; 4711.5; 11-DEC-2009 12:48:25; Bright; 57.0; 111; 8Eta Boo ; 2.68; 6000;occ; 114; 0;40687
15; 4929.1; 11-DEC-2009 12:52:03; Bright; 68.0; 138; 47Eps Vir ; 2.83; 4700;occ; 136; 0;40687
16; 5283.6; 11-DEC-2009 12:57:57; Dark ; 49.5; 15; 67Alp Vir ; 0.98; 28000;occ; 99; 0;40687
17; 5492.2; 11-DEC-2009 13:01:26; Dark ; 45.5; 169; 46Gam Hya ; 2.99; 4700;occ; 91; 0;40687
18; 5606.4; 11-DEC-2009 13:03:20; Dark ; 52.5; 100; 4Gam Crv ; 2.58; 13100;occ; 105; 0;40687
19; 5702.6; 11-DEC-2009 13:04:56; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;40687
20; 5938.2; 11-DEC-2009 13:08:52; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;40687
21; 6031.6; 11-DEC-2009 13:10:25; Dark ; 39.5; 99; Del Cen ; 2.58; 26000;occ; 79; 0;40687
22; 6249.0; 11-DEC-2009 13:14:03; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;40687
23; 6492.6; 11-DEC-2009 13:18:06; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40687
24; 6565.9; 11-DEC-2009 13:19:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40687
25; 6765.8; 11-DEC-2009 13:22:39; Dark ; 49.0; 34; Gam2Vel ; 1.79; 23000;occ; 98; 0;40687
26; 6914.5; 11-DEC-2009 13:25:08; Dark ; 50.0; 2; Alp Car ; -0.74; 7000;occ; 100; 0;40687
27; 7066.0; 11-DEC-2009 13:27:40; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;40687
28; 7270.8; 11-DEC-2009 13:31:04; Dark ; 53.0; 23; 21Eps CMa ; 1.50; 26000;occ; 106; 0;40687
29; 7564.3; 11-DEC-2009 13:35:58; Dark ; 40.5; 47; 2Bet CMa ; 1.98; 28000;occ; 81; 0;40687

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1; 1547.4; 11-DEC-2009 13:36:17; Dark ; 41.0; 47; 2Bet CMa ; 1.98; 28000;occ; 82; 38;40688
2; 1748.2; 11-DEC-2009 13:39:38; Dark ; 51.0; 7; 19Bet Ori ; 0.10; 14000;occ; 102; 0;40688
3; 1893.6; 11-DEC-2009 13:42:03; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;40688
4; 2039.8; 11-DEC-2009 13:44:29; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;40688
5; 2196.7; 11-DEC-2009 13:47:06; Dark ; 56.0; 13; 87Alp Tau ; 0.87; 3800;occ; 112; 0;40688
6; 2355.0; 11-DEC-2009 13:49:44; Bright; 47.5; 176; 23Zet Tau ; 3.02; 22000;occ; 95; 0;40688
7; 2476.3; 11-DEC-2009 13:51:46; Bright; 45.0; 28; 12Bet Tau ; 1.65; 15200;occ; 90; 0;40688
8; 2591.1; 11-DEC-2009 13:53:41; Bright; 35.5; 149; 45Eps Per ; 2.89; 30000;occ; 71; 0;40688
9; 2766.3; 11-DEC-2009 13:56:36; Bright; 60.0; 6; 13Alp Aur ; 0.08; 3400;occ; 120; 0;40688

10; 3760.6; 11-DEC-2009 14:13:10; Bright; 46.0; 36; 50Alp UMa ; 1.80; 6300;occ; 92; 0;40688
 11; 3995.1; 11-DEC-2009 14:17:05; Bright; 45.0; 32; 77Eps UMa ; 1.76; 11000;occ; 90; 0;40688
 12; 4140.3; 11-DEC-2009 14:19:30; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;40688
 13; 4332.0; 11-DEC-2009 14:22:41; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;40688
 14; 4711.8; 11-DEC-2009 14:29:01; Bright; 57.0; 111; 8Eta Boo ; 2.68; 6000;occ; 114; 0;40688
 15; 4929.8; 11-DEC-2009 14:32:39; Bright; 68.0; 138; 47Eps Vir ; 2.83; 4700;occ; 136; 0;40688
 16; 5230.2; 11-DEC-2009 14:37:40; Dark ; 56.0; 121; 29Gam Vir ; 2.74; 7200;occ; 112; 0;40688
 17; 5492.8; 11-DEC-2009 14:42:02; Dark ; 45.0; 169; 46Gam Hya ; 2.99; 4700;occ; 90; 0;40688
 18; 5607.5; 11-DEC-2009 14:43:57; Dark ; 50.5; 100; 4Gam Crv ; 2.58; 13100;occ; 101; 0;40688
 19; 5703.8; 11-DEC-2009 14:45:33; Dark ; 58.5; 171; 2Eps Crv ; 3.00; 4250;occ; 117; 0;40688
 20; 5939.1; 11-DEC-2009 14:49:29; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;40688
 21; 6032.3; 11-DEC-2009 14:51:02; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;40688
 22; 6249.9; 11-DEC-2009 14:54:39; Dark ; 43.5; 113; Mu Vel ; 2.69; 5000;occ; 87; 0;40688
 23; 6493.4; 11-DEC-2009 14:58:43; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;40688
 24; 6566.7; 11-DEC-2009 14:59:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40688
 25; 6766.5; 11-DEC-2009 15:03:16; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;40688
 26; 6915.0; 11-DEC-2009 15:05:44; Dark ; 46.0; 2; Alp Car ; -0.74; 7000;occ; 92; 0;40688
 27; 7066.6; 11-DEC-2009 15:08:16; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 0;40688
 28; 7271.4; 11-DEC-2009 15:11:41; Dark ; 57.5; 23; 21Eps CMa ; 1.50; 26000;occ; 115; 0;40688

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 2; 1748.2; 11-DEC-2009 15:20:14; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;40689
 3; 1893.6; 11-DEC-2009 15:22:39; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;40689
 4; 2039.6; 11-DEC-2009 15:25:05; Dark ; 49.0; 27; 24Gam Ori ; 1.64; 26000;occ; 98; 0;40689
 5; 2196.8; 11-DEC-2009 15:27:42; Dark ; 48.0; 13; 87Alp Tau ; 0.87; 3800;occ; 96; 0;40689
 6; 2354.6; 11-DEC-2009 15:30:20; Bright; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;40689
 7; 2475.9; 11-DEC-2009 15:32:21; Bright; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;40689
 8; 2591.1; 11-DEC-2009 15:34:16; Bright; 37.0; 149; 45Eps Per ; 2.89; 30000;occ; 74; 0;40689
 9; 2765.9; 11-DEC-2009 15:37:11; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;40689
 10; 3760.3; 11-DEC-2009 15:53:46; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;40689
 11; 3995.0; 11-DEC-2009 15:57:40; Bright; 46.5; 32; 77Eps UMa ; 1.76; 11000;occ; 93; 0;40689
 12; 4140.4; 11-DEC-2009 16:00:06; Bright; 56.0; 39; 85Eta UMa ; 1.85; 24000;occ; 112; 0;40689
 13; 4332.3; 11-DEC-2009 16:03:18; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;40689
 14; 4712.0; 11-DEC-2009 16:09:37; Bright; 39.5; 111; 8Eta Boo ; 2.68; 6000;occ; 79; 0;40689
 15; 4930.8; 11-DEC-2009 16:13:16; Bright; 47.0; 138; 47Eps Vir ; 2.83; 4700;occ; 94; 0;40689
 16; 5231.2; 11-DEC-2009 16:18:17; Dark ; 56.0; 121; 29Gam Vir ; 2.74; 7200;occ; 112; 0;40689
 17; 5493.6; 11-DEC-2009 16:22:39; Dark ; 46.0; 169; 46Gam Hya ; 2.99; 4700;occ; 92; 0;40689
 18; 5608.8; 11-DEC-2009 16:24:34; Dark ; 54.0; 100; 4Gam Crv ; 2.58; 13100;occ; 108; 0;40689
 19; 5705.1; 11-DEC-2009 16:26:10; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;40689
 20; 5939.6; 11-DEC-2009 16:30:05; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;40689
 21; 6033.1; 11-DEC-2009 16:31:38; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;40689
 22; 6250.9; 11-DEC-2009 16:35:16; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40689
 23; 6494.1; 11-DEC-2009 16:39:19; Dark ; 45.0; 71; Iot Car ; 2.25; 7700;occ; 90; 0;40689
 24; 6567.6; 11-DEC-2009 16:40:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40689
 25; 6767.4; 11-DEC-2009 16:43:53; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;40689
 26; 6915.2; 11-DEC-2009 16:46:21; Dark ; 48.5; 2; Alp Car ; -0.74; 7000;occ; 97; 0;40689
 27; 7067.3; 11-DEC-2009 16:48:53; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;40689
 28; 7271.9; 11-DEC-2009 16:52:17; Dark ; 55.5; 23; 21Eps CMa ; 1.50; 26000;occ; 111; 0;40689

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20091211_165237_000058682085_00055_40690_5744.N1

1; 1255.9; 11-DEC-2009 16:52:37; Dark ; 56.0; 23; 21Eps CMa ; 1.50; 26000;occ; 112; 40;40690
 2; 1528.4; 11-DEC-2009 16:57:10; Dark ; 46.0; 47; 2Bet CMa ; 1.98; 28000;occ; 92; 0;40690
 3; 1748.1; 11-DEC-2009 17:00:49; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;40690
 4; 1893.3; 11-DEC-2009 17:03:15; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;40690
 5; 2039.4; 11-DEC-2009 17:05:41; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;40690
 6; 2196.5; 11-DEC-2009 17:08:18; Dark ; 56.0; 13; 87Alp Tau ; 0.87; 3800;occ; 112; 0;40690
 7; 2354.0; 11-DEC-2009 17:10:55; Bright; 48.0; 176; 23Zet Tau ; 3.02; 22000;occ; 96; 0;40690
 8; 2475.3; 11-DEC-2009 17:12:57; Bright; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;40690
 9; 2591.0; 11-DEC-2009 17:14:52; Bright; 36.0; 149; 45Eps Per ; 2.89; 30000;occ; 72; 0;40690
 10; 2765.3; 11-DEC-2009 17:17:47; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;40690
 11; 3759.4; 11-DEC-2009 17:34:21; Bright; 44.5; 36; 50Alp UMa ; 1.80; 6300;occ; 89; 0;40690
 12; 3994.9; 11-DEC-2009 17:38:16; Bright; 51.0; 32; 77Eps UMa ; 1.76; 11000;occ; 102; 0;40690
 13; 4140.1; 11-DEC-2009 17:40:41; Bright; 39.0; 39; 85Eta UMa ; 1.85; 24000;occ; 78; 0;40690
 14; 4332.2; 11-DEC-2009 17:43:54; Bright; 42.0; 180; 27Gam Boo ; 3.04; 8000;occ; 84; 0;40690
 15; 4712.2; 11-DEC-2009 17:50:14; Bright; 38.5; 111; 8Eta Boo ; 2.68; 6000;occ; 77; 0;40690
 16; 4931.3; 11-DEC-2009 17:53:53; Bright; 68.0; 138; 47Eps Vir ; 2.83; 4700;occ; 136; 0;40690
 17; 5232.4; 11-DEC-2009 17:58:54; Dark ; 56.0; 121; 29Gam Vir ; 2.74; 7200;occ; 112; 0;40690
 18; 5494.3; 11-DEC-2009 18:03:16; Dark ; 44.5; 169; 46Gam Hya ; 2.99; 4700;occ; 89; 0;40690
 19; 5610.0; 11-DEC-2009 18:05:11; Dark ; 50.5; 100; 4Gam Crv ; 2.58; 13100;occ; 101; 0;40690

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 2; 1889.9; 13-DEC-2009 07:36:58; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;40713
 3; 2034.1; 13-DEC-2009 07:39:22; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;40713
 4; 2193.9; 13-DEC-2009 07:42:02; Dark ; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;40713
 5; 2464.6; 13-DEC-2009 07:46:33; Bright; 43.5; 28; 12Bet Tau ; 1.65; 15200;occ; 87; 0;40713
 6; 2589.4; 13-DEC-2009 07:48:37; Bright; 37.0; 149; 45Eps Per ; 2.89; 30000;occ; 74; 0;40713
 7; 2690.5; 13-DEC-2009 07:50:19; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;40713
 8; 2818.4; 13-DEC-2009 07:52:27; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;40713

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9; 3749.0; 13-DEC-2009 08:07:57; Bright; 48.5; 36; 50Alp UMa ; 1.80; 6300;occ; 97; 0;40713
10; 3990.3; 13-DEC-2009 08:11:58; Bright; 60.0; 32; 77Eps UMa ; 1.76; 11000;occ; 120; 0;40713
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12; 4334.4; 13-DEC-2009 08:17:42; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;40713
13; 4719.0; 13-DEC-2009 08:24:07; Bright; 58.0; 111; 8Eta Boo ; 2.68; 6000;occ; 116; 0;40713
14; 4944.2; 13-DEC-2009 08:27:52; Bright; 53.0; 138; 47Eps Vir ; 2.83; 4700;occ; 106; 0;40713
15; 5300.3; 13-DEC-2009 08:33:48; Dark ; 52.0; 15; 67Alp Vir ; 0.98; 28000;occ; 104; 0;40713
16; 5509.3; 13-DEC-2009 08:37:17; Dark ; 44.0; 169; 46Gam Hya ; 2.99; 4700;occ; 88; 0;40713
17; 5637.7; 13-DEC-2009 08:39:26; Dark ; 54.5; 100; 4Gam Crv ; 2.58; 13100;occ; 109; 0;40713
18; 5953.5; 13-DEC-2009 08:44:42; Dark ; 42.5; 64; Gam Cen ; 2.20; 10600;occ; 85; 0;40713
19; 6048.8; 13-DEC-2009 08:46:17; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;40713
20; 6271.7; 13-DEC-2009 08:50:00; Dark ; 43.0; 113; Mu Vel ; 2.69; 5000;occ; 86; 0;40713
21; 6509.0; 13-DEC-2009 08:53:57; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;40713
22; 6586.1; 13-DEC-2009 08:55:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40713
23; 6785.3; 13-DEC-2009 08:58:33; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;40713
24; 6925.3; 13-DEC-2009 09:00:53; Dark ; 51.5; 2; Alp Car ; -0.74; 7000;occ; 103; 0;40713
25; 7082.1; 13-DEC-2009 09:03:30; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;40713
26; 7283.0; 13-DEC-2009 09:06:51; Dark ; 55.0; 23; 21Eps CMA ; 1.50; 26000;occ; 110; 0;40713
27; 7568.1; 13-DEC-2009 09:11:36; Dark ; 52.5; 47; 2Bet CMA ; 1.98; 28000;occ; 105; 0;40713
28; 7784.7; 13-DEC-2009 09:15:13; Dark ; 48.0; 7; 19Bet Ori ; 0.10; 14000;occ; 96; 0;40713
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2; 1889.8; 13-DEC-2009 09:17:34; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;40714
3; 2033.8; 13-DEC-2009 09:19:58; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;40714
4; 2193.7; 13-DEC-2009 09:22:38; Dark ; 51.5; 13; 87Alp Tau ; 0.87; 3800;occ; 103; 0;40714
5; 2341.8; 13-DEC-2009 09:25:06; Bright; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;40714
6; 2464.0; 13-DEC-2009 09:27:08; Bright; 45.0; 28; 12Bet Tau ; 1.65; 15200;occ; 90; 0;40714
7; 2589.5; 13-DEC-2009 09:29:14; Bright; 36.0; 149; 45Eps Per ; 2.89; 30000;occ; 72; 0;40714
8; 2689.7; 13-DEC-2009 09:30:54; Bright; 68.0; 107; 37The Aur ; 2.65; 11000;occ; 136; 0;40714
9; 2817.8; 13-DEC-2009 09:33:02; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;40714
10; 3748.6; 13-DEC-2009 09:48:33; Bright; 49.0; 36; 50Alp UMa ; 1.80; 6300;occ; 98; 0;40714
11; 3990.3; 13-DEC-2009 09:52:34; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;40714
12; 4139.7; 13-DEC-2009 09:55:04; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;40714
13; 4334.6; 13-DEC-2009 09:58:19; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;40714
14; 4719.3; 13-DEC-2009 10:04:43; Bright; 58.0; 111; 8Eta Boo ; 2.68; 6000;occ; 116; 0;40714
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16; 5300.8; 13-DEC-2009 10:14:25; Dark ; 50.0; 15; 67Alp Vir ; 0.98; 28000;occ; 100; 0;40714
17; 5510.0; 13-DEC-2009 10:17:54; Dark ; 46.0; 169; 46Gam Hya ; 2.99; 4700;occ; 92; 0;40714
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19; 5954.1; 13-DEC-2009 10:25:18; Dark ; 39.5; 64; Gam Cen ; 2.20; 10600;occ; 79; 0;40714
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22; 6509.9; 13-DEC-2009 10:34:34; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40714
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26; 7082.7; 13-DEC-2009 10:44:07; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;40714
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28; 7568.1; 13-DEC-2009 10:52:12; Dark ; 54.0; 47; 2Bet CMA ; 1.98; 28000;occ; 108; 0;40714
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2; 1889.5; 13-DEC-2009 10:58:09; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;40715
3; 2033.6; 13-DEC-2009 11:00:34; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;40715
4; 2193.6; 13-DEC-2009 11:03:14; Dark ; 47.5; 13; 87Alp Tau ; 0.87; 3800;occ; 95; 0;40715
5; 2341.1; 13-DEC-2009 11:05:41; Bright; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;40715
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7; 2589.3; 13-DEC-2009 11:09:49; Bright; 35.0; 149; 45Eps Per ; 2.89; 30000;occ; 70; 0;40715
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9; 2817.1; 13-DEC-2009 11:13:37; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;40715
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11; 3990.2; 13-DEC-2009 11:33:10; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;40715
12; 4139.3; 13-DEC-2009 11:35:39; Bright; 57.0; 39; 85Eta UMa ; 1.85; 24000;occ; 114; 0;40715
13; 4334.7; 13-DEC-2009 11:38:55; Bright; 54.0; 180; 27Gam Boo ; 3.04; 8000;occ; 108; 0;40715
14; 4719.4; 13-DEC-2009 11:45:19; Bright; 39.0; 111; 8Eta Boo ; 2.68; 6000;occ; 78; 0;40715
15; 4945.6; 13-DEC-2009 11:49:05; Bright; 70.0; 138; 47Eps Vir ; 2.83; 4700;occ; 140; 0;40715
16; 5301.3; 13-DEC-2009 11:55:01; Dark ; 48.5; 15; 67Alp Vir ; 0.98; 28000;occ; 97; 0;40715
17; 5510.7; 13-DEC-2009 11:58:31; Dark ; 42.5; 169; 46Gam Hya ; 2.99; 4700;occ; 85; 0;40715
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 23; 6587.6; 13-DEC-2009 12:16:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40715
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 9; 2816.4; 13-DEC-2009 12:54:12; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;40716
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 12; 4139.5; 13-DEC-2009 13:16:15; Bright; 52.5; 39; 85Eta UMa ; 1.85; 24000;occ; 105; 0;40716
 13; 4334.7; 13-DEC-2009 13:19:31; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;40716
 14; 4719.7; 13-DEC-2009 13:25:55; Bright; 58.0; 111; 8Eta Boo ; 2.68; 6000;occ; 116; 0;40716
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 16; 5302.0; 13-DEC-2009 13:35:38; Dark ; 53.0; 15; 67Alp Vir ; 0.98; 28000;occ; 106; 0;40716
 17; 5511.4; 13-DEC-2009 13:39:07; Dark ; 45.0; 169; 46Gam Hya ; 2.99; 4700;occ; 90; 0;40716
 18; 5641.7; 13-DEC-2009 13:41:17; Dark ; 55.5; 100; 4Gam Crv ; 2.58; 13100;occ; 111; 0;40716
 19; 5737.2; 13-DEC-2009 13:42:53; Dark ; 56.0; 171; 2Eps Crv ; 3.00; 4250;occ; 112; 0;40716
 20; 5955.4; 13-DEC-2009 13:46:31; Dark ; 42.5; 64; Gam Cen ; 2.20; 10600;occ; 85; 0;40716
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 22; 6274.4; 13-DEC-2009 13:51:50; Dark ; 43.5; 113; Mu Vel ; 2.69; 5000;occ; 87; 0;40716
 23; 6511.1; 13-DEC-2009 13:55:47; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;40716
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 25; 6787.6; 13-DEC-2009 14:00:23; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;40716
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 28; 7284.4; 13-DEC-2009 14:08:40; Dark ; 52.5; 23; 21Eps CMA ; 1.50; 26000;occ; 105; 0;40716

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 3; 1889.3; 13-DEC-2009 14:19:21; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;40717
 4; 2087.7; 13-DEC-2009 14:22:39; Dark ; 26.0; 14; 58Alp Ori ; 0.87; 3000;occ; 52; 0;40717
 5; 2193.4; 13-DEC-2009 14:24:25; Dark ; 48.5; 13; 87Alp Tau ; 0.87; 3800;occ; 97; 0;40717
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 11; 3989.7; 13-DEC-2009 14:54:21; Bright; 39.0; 32; 77Eps UMa ; 1.76; 11000;occ; 78; 0;40717
 12; 4139.6; 13-DEC-2009 14:56:51; Bright; 57.0; 39; 85Eta UMa ; 1.85; 24000;occ; 114; 0;40717
 13; 4334.9; 13-DEC-2009 15:00:07; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;40717
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 17; 5512.2; 13-DEC-2009 15:19:44; Dark ; 46.5; 169; 46Gam Hya ; 2.99; 4700;occ; 93; 0;40717
 18; 5642.9; 13-DEC-2009 15:21:55; Dark ; 55.5; 100; 4Gam Crv ; 2.58; 13100;occ; 111; 0;40717
 19; 5738.6; 13-DEC-2009 15:23:30; Dark ; 58.0; 171; 2Eps Crv ; 3.00; 4250;occ; 116; 0;40717
 20; 5956.1; 13-DEC-2009 15:27:08; Dark ; 47.0; 64; Gam Cen ; 2.20; 10600;occ; 94; 0;40717
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 22; 6275.4; 13-DEC-2009 15:32:27; Dark ; 44.0; 113; Mu Vel ; 2.69; 5000;occ; 88; 0;40717
 23; 6511.8; 13-DEC-2009 15:36:23; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;40717
 24; 6589.3; 13-DEC-2009 15:37:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40717
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 26; 6926.9; 13-DEC-2009 15:43:19; Dark ; 46.5; 2; Alp Car ; -0.74; 7000;occ; 93; 0;40717
 27; 7084.5; 13-DEC-2009 15:45:56; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;40717
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 10; 2686.9; 13-DEC-2009 16:13:15; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;40718
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 13; 3989.8; 13-DEC-2009 16:34:57; Bright; 47.5; 32; 77Eps UMa ; 1.76; 11000;occ; 95; 0;40718
 14; 4139.4; 13-DEC-2009 16:37:27; Bright; 44.5; 39; 85Eta UMa ; 1.85; 24000;occ; 89; 0;40718
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 19; 5512.9; 13-DEC-2009 17:00:21; Dark ; 45.5; 169; 46Gam Hya ; 2.99; 4700;occ; 91; 0;40718
 20; 5644.1; 13-DEC-2009 17:02:32; Dark ; 52.0; 100; 4Gam Crv ; 2.58; 13100;occ; 104; 0;40718
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 22; 5956.6; 13-DEC-2009 17:07:44; Dark ; 39.0; 64; Gam Cen ; 2.20; 10600;occ; 78; 0;40718
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27; 6946.4; 16-DEC-2009 14:08:48; Dark ; 52.0; 70; Zet Pup ; 2.25; 39000;occ; 104; 0;40759
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4; 2072.0; 16-DEC-2009 14:28:09; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;40760
5; 2189.9; 16-DEC-2009 14:30:07; Dark ; 49.5; 13; 87Alp Tau ; 0.87; 3800;occ; 99; 0;40760
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 22; 6640.6; 18-DEC-2009 11:19:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40786
 23; 6837.0; 18-DEC-2009 11:23:09; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;40786
 24; 6966.1; 18-DEC-2009 11:25:18; Dark ; 48.0; 70; Zet Pup ; 2.25; 39000;occ; 96; 0;40786
 25; 7123.1; 18-DEC-2009 11:27:55; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;40786
 26; 7313.7; 18-DEC-2009 11:31:05; Dark ; 51.0; 23; 21Eps CMA ; 1.50; 26000;occ; 102; 0;40786
 27; 7418.8; 18-DEC-2009 11:32:50; Dark ; 53.5; 179; 240mi2CMA ; 3.03; 24000;occ; 107; 0;40786
 28; 7594.7; 18-DEC-2009 11:35:46; Dark ; 55.5; 1; 9Alp CMA ; -1.44; 11000;occ; 111; 0;40786

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1; 1751.4; 18-DEC-2009 11:38:59; Dark ; 47.5; 7; 19Bet Ori ; 0.10; 14000;occ; 95; 0;40787
 2; 1882.1; 18-DEC-2009 11:41:10; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;40787
 3; 2063.9; 18-DEC-2009 11:44:11; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;40787
 4; 2188.5; 18-DEC-2009 11:46:16; Dark ; 49.0; 13; 87Alp Tau ; 0.87; 3800;occ; 98; 0;40787
 5; 2311.5; 18-DEC-2009 11:48:19; Bright; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;40787
 6; 2435.4; 18-DEC-2009 11:50:23; Bright; 42.5; 28; 12Bet Tau ; 1.65; 15200;occ; 85; 0;40787
 7; 2644.0; 18-DEC-2009 11:53:52; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;40787
 8; 2775.4; 18-DEC-2009 11:56:03; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;40787
 9; 3703.7; 18-DEC-2009 12:11:31; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;40787
 10; 3974.4; 18-DEC-2009 12:16:02; Bright; 63.0; 32; 77Eps UMa ; 1.76; 11000;occ; 126; 0;40787
 11; 4135.3; 18-DEC-2009 12:18:43; Bright; 59.0; 39; 85Eta UMa ; 1.85; 24000;occ; 118; 0;40787
 12; 4341.1; 18-DEC-2009 12:22:09; Bright; 38.5; 180; 27Gam Boo ; 3.04; 8000;occ; 77; 0;40787
 13; 4537.1; 18-DEC-2009 12:25:25; Bright; 55.0; 83; ; 2.38; 11000;occ; 110; 0;40787
 14; 4741.7; 18-DEC-2009 12:28:49; Bright; 43.5; 111; 8Eta Boo ; 2.68; 6000;occ; 87; 0;40787
 15; 5354.1; 18-DEC-2009 12:39:02; Dark ; 54.0; 15; 67Alp Vir ; 0.98; 28000;occ; 108; 0;40787
 16; 5564.6; 18-DEC-2009 12:42:32; Dark ; 47.5; 169; 46Gam Hya ; 2.99; 4700;occ; 95; 0;40787
 17; 5726.8; 18-DEC-2009 12:45:14; Dark ; 58.0; 106; 9Bet Crv ; 2.65; 5600;occ; 116; 0;40787
 18; 5999.8; 18-DEC-2009 12:49:47; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;40787
 19; 6099.9; 18-DEC-2009 12:51:27; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;40787
 20; 6337.6; 18-DEC-2009 12:55:25; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40787
 21; 6554.8; 18-DEC-2009 12:59:02; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;40787
 22; 6641.4; 18-DEC-2009 13:00:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40787
 23; 6837.7; 18-DEC-2009 13:03:45; Dark ; 53.0; 34; Gam2Vel ; 1.79; 23000;occ; 106; 0;40787
 24; 6966.7; 18-DEC-2009 13:05:54; Dark ; 50.5; 70; Zet Pup ; 2.25; 39000;occ; 101; 0;40787
 25; 7123.5; 18-DEC-2009 13:08:31; Dark ; 53.0; 117; Pi Pup ; 2.71; 3800;occ; 106; 0;40787
 26; 7313.8; 18-DEC-2009 13:11:41; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;40787
 27; 7418.7; 18-DEC-2009 13:13:26; Dark ; 52.5; 179; 240mi2CMA ; 3.03; 24000;occ; 105; 0;40787
 28; 7594.7; 18-DEC-2009 13:16:22; Dark ; 8.5; 1; 9Alp CMA ; -1.44; 11000;occ; 17; 0;40787

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1; 1558.8; 18-DEC-2009 13:16:22; Dark ; 62.0; 1; 9Alp CMA ; -1.44; 11000;occ; 124; 0;40788
 2; 1751.5; 18-DEC-2009 13:19:35; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;40788
 3; 1882.1; 18-DEC-2009 13:21:46; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;40788
 4; 2063.5; 18-DEC-2009 13:24:47; Dark ; 56.5; 14; 58Alp Ori ; 0.87; 3000;occ; 113; 0;40788
 5; 2188.7; 18-DEC-2009 13:26:52; Dark ; 44.0; 13; 87Alp Tau ; 0.87; 3800;occ; 88; 0;40788
 6; 2311.4; 18-DEC-2009 13:28:55; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;40788
 7; 2435.0; 18-DEC-2009 13:30:58; Bright; 44.0; 28; 12Bet Tau ; 1.65; 15200;occ; 88; 0;40788
 8; 2643.4; 18-DEC-2009 13:34:27; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;40788
 9; 2774.9; 18-DEC-2009 13:36:38; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;40788
 10; 3703.8; 18-DEC-2009 13:52:07; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;40788
 11; 3974.1; 18-DEC-2009 13:56:37; Bright; 44.5; 32; 77Eps UMa ; 1.76; 11000;occ; 89; 0;40788
 12; 4135.2; 18-DEC-2009 13:59:19; Bright; 45.0; 39; 85Eta UMa ; 1.85; 24000;occ; 90; 0;40788
 13; 4341.1; 18-DEC-2009 14:02:45; Bright; 56.0; 180; 27Gam Boo ; 3.04; 8000;occ; 112; 0;40788
 14; 4537.2; 18-DEC-2009 14:06:01; Bright; 41.5; 83; ; 2.38; 11000;occ; 83; 0;40788
 15; 4742.3; 18-DEC-2009 14:09:26; Bright; 43.0; 111; 8Eta Boo ; 2.68; 6000;occ; 86; 0;40788
 16; 5354.8; 18-DEC-2009 14:19:38; Dark ; 56.0; 15; 67Alp Vir ; 0.98; 28000;occ; 112; 0;40788
 17; 5565.5; 18-DEC-2009 14:23:09; Dark ; 47.5; 169; 46Gam Hya ; 2.99; 4700;occ; 95; 0;40788
 18; 5728.0; 18-DEC-2009 14:25:51; Dark ; 53.0; 106; 9Bet Crv ; 2.65; 5600;occ; 106; 0;40788

19; 6000.5; 18-DEC-2009 14:30:24; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;40788
 20; 6100.8; 18-DEC-2009 14:32:04; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;40788
 21; 6338.6; 18-DEC-2009 14:36:02; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;40788
 22; 6555.5; 18-DEC-2009 14:39:39; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40788
 23; 6642.2; 18-DEC-2009 14:41:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40788
 24; 6838.3; 18-DEC-2009 14:44:22; Dark ; 52.5; 34; Gam2Vel ; 1.79; 23000;occ; 105; 0;40788
 25; 6967.6; 18-DEC-2009 14:46:31; Dark ; 51.0; 70; Zet Pup ; 2.25; 39000;occ; 102; 0;40788
 26; 7124.2; 18-DEC-2009 14:49:08; Dark ; 52.0; 117; Pi Pup ; 2.71; 3800;occ; 104; 0;40788
 27; 7314.3; 18-DEC-2009 14:52:18; Dark ; 51.5; 23; 21Eps CMA ; 1.50; 26000;occ; 103; 0;40788
 28; 7419.3; 18-DEC-2009 14:54:03; Dark ; 52.0; 179; 240mi2CMA ; 3.03; 24000;occ; 104; 0;40788

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1; 1429.8; 18-DEC-2009 14:54:49; Dark ; 52.5; 179; 240mi2CMA ; 3.03; 24000;occ; 105; 93;40789
 2; 1558.9; 18-DEC-2009 14:56:58; Dark ; 61.0; 1; 9Alp CMA ; -1.44; 11000;occ; 122; 0;40789
 3; 1751.6; 18-DEC-2009 15:00:11; Dark ; 45.5; 7; 19Bet Ori ; 0.10; 14000;occ; 91; 0;40789
 4; 1881.8; 18-DEC-2009 15:02:21; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;40789
 5; 2063.1; 18-DEC-2009 15:05:22; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;40789
 6; 2188.6; 18-DEC-2009 15:07:28; Dark ; 45.5; 13; 87Alp Tau ; 0.87; 3800;occ; 91; 0;40789
 7; 2311.0; 18-DEC-2009 15:09:30; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;40789
 8; 2434.6; 18-DEC-2009 15:11:34; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;40789
 9; 2643.0; 18-DEC-2009 15:15:02; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;40789
 10; 2774.5; 18-DEC-2009 15:17:14; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;40789
 11; 3703.9; 18-DEC-2009 15:32:43; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;40789
 12; 3974.0; 18-DEC-2009 15:37:13; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;40789
 13; 4135.1; 18-DEC-2009 15:39:54; Bright; 39.5; 39; 85Eta UMa ; 1.85; 24000;occ; 79; 0;40789
 14; 4341.2; 18-DEC-2009 15:43:21; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;40789
 15; 4537.6; 18-DEC-2009 15:46:37; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;40789
 16; 4742.7; 18-DEC-2009 15:50:02; Bright; 43.5; 111; 8Eta Boo ; 2.68; 6000;occ; 87; 0;40789
 17; 5355.7; 18-DEC-2009 16:00:15; Dark ; 52.0; 15; 67Alp Vir ; 0.98; 28000;occ; 104; 0;40789
 18; 5566.4; 18-DEC-2009 16:03:46; Dark ; 50.0; 169; 46Gam Hya ; 2.99; 4700;occ; 100; 0;40789
 19; 5729.3; 18-DEC-2009 16:06:29; Dark ; 55.0; 106; 9Bet Crv ; 2.65; 5600;occ; 110; 0;40789
 20; 6001.2; 18-DEC-2009 16:11:01; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;40789
 21; 6101.6; 18-DEC-2009 16:12:41; Dark ; 42.5; 99; Del Cen ; 2.58; 26000;occ; 85; 0;40789
 22; 6339.6; 18-DEC-2009 16:16:39; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;40789
 23; 6556.2; 18-DEC-2009 16:20:16; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;40789
 24; 6643.0; 18-DEC-2009 16:21:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40789
 25; 6839.1; 18-DEC-2009 16:24:58; Dark ; 51.5; 34; Gam2Vel ; 1.79; 23000;occ; 103; 0;40789
 26; 6968.4; 18-DEC-2009 16:27:08; Dark ; 51.5; 70; Zet Pup ; 2.25; 39000;occ; 103; 0;40789
 27; 7125.0; 18-DEC-2009 16:29:44; Dark ; 52.0; 117; Pi Pup ; 2.71; 3800;occ; 104; 0;40789
 28; 7314.8; 18-DEC-2009 16:32:54; Dark ; 47.5; 23; 21Eps CMA ; 1.50; 26000;occ; 95; 0;40789

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 2; 1383.8; 18-DEC-2009 16:34:39; Dark ; 52.0; 179; 240mi2CMA ; 3.03; 24000;occ; 104; 0;40790
 3; 1559.0; 18-DEC-2009 16:37:34; Dark ; 60.5; 1; 9Alp CMA ; -1.44; 11000;occ; 121; 0;40790
 4; 1751.8; 18-DEC-2009 16:40:47; Dark ; 47.0; 7; 19Bet Ori ; 0.10; 14000;occ; 94; 0;40790
 5; 1882.0; 18-DEC-2009 16:42:57; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;40790
 6; 2062.8; 18-DEC-2009 16:45:58; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;40790
 7; 2188.4; 18-DEC-2009 16:48:04; Dark ; 48.0; 13; 87Alp Tau ; 0.87; 3800;occ; 96; 0;40790
 8; 2310.5; 18-DEC-2009 16:50:06; Bright; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;40790
 9; 2434.3; 18-DEC-2009 16:52:10; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;40790
 10; 2642.4; 18-DEC-2009 16:55:38; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;40790
 11; 2773.8; 18-DEC-2009 16:57:49; Bright; 42.5; 42; 34Bet Aur ; 1.90; 10200;occ; 85; 0;40790
 12; 3703.9; 18-DEC-2009 17:13:19; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;40790
 13; 3973.7; 18-DEC-2009 17:17:49; Bright; 63.0; 32; 77Eps UMa ; 1.76; 11000;occ; 126; 0;40790
 14; 4134.9; 18-DEC-2009 17:20:30; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;40790
 15; 4341.5; 18-DEC-2009 17:23:57; Bright; 56.0; 180; 27Gam Boo ; 3.04; 8000;occ; 112; 0;40790
 16; 4537.8; 18-DEC-2009 17:27:13; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;40790
 17; 4743.0; 18-DEC-2009 17:30:38; Bright; 50.0; 111; 8Eta Boo ; 2.68; 6000;occ; 100; 0;40790
 18; 5356.5; 18-DEC-2009 17:40:52; Dark ; 57.5; 15; 67Alp Vir ; 0.98; 28000;occ; 115; 0;40790
 19; 5567.2; 18-DEC-2009 17:44:23; Dark ; 46.0; 169; 46Gam Hya ; 2.99; 4700;occ; 92; 0;40790
 20; 5730.6; 18-DEC-2009 17:47:06; Dark ; 54.0; 106; 9Bet Crv ; 2.65; 5600;occ; 108; 0;40790
 21; 6001.9; 18-DEC-2009 17:51:37; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;40790
 22; 6102.3; 18-DEC-2009 17:53:18; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;40790
 23; 6340.5; 18-DEC-2009 17:57:16; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40790
 24; 6556.8; 18-DEC-2009 18:00:52; Dark ; 43.0; 71; Iot Car ; 2.25; 7700;occ; 86; 0;40790
 25; 6643.7; 18-DEC-2009 18:02:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40790
 26; 6839.8; 18-DEC-2009 18:05:35; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;40790
 27; 6969.2; 18-DEC-2009 18:07:45; Dark ; 50.0; 70; Zet Pup ; 2.25; 39000;occ; 100; 0;40790
 28; 7125.4; 18-DEC-2009 18:10:21; Dark ; 32.5; 117; Pi Pup ; 2.71; 3800;occ; 65; 0;40790

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 3; 1384.3; 18-DEC-2009 18:15:16; Dark ; 49.0; 179; 240mi2CMa ; 3.03; 24000;occ; 98; 0;40791
 4; 1559.3; 18-DEC-2009 18:18:11; Dark ; 60.5; 1; 9Alp CMa ; -1.44; 11000;occ; 121; 0;40791
 5; 1751.8; 18-DEC-2009 18:21:23; Dark ; 47.5; 7; 19Bet Ori ; 0.10; 14000;occ; 95; 0;40791
 6; 1881.9; 18-DEC-2009 18:23:33; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;40791
 7; 2062.6; 18-DEC-2009 18:26:34; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;40791
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 10; 2434.0; 18-DEC-2009 18:32:45; Bright; 42.5; 28; 12Bet Tau ; 1.65; 15200;occ; 85; 0;40791
 11; 2642.0; 18-DEC-2009 18:36:13; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;40791
 12; 2773.4; 18-DEC-2009 18:38:25; Bright; 41.5; 42; 34Bet Aur ; 1.90; 10200;occ; 83; 0;40791
 13; 3703.5; 18-DEC-2009 18:53:55; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;40791
 14; 3973.5; 18-DEC-2009 18:58:25; Bright; 44.5; 32; 77Eps UMa ; 1.76; 11000;occ; 89; 0;40791
 15; 4134.7; 18-DEC-2009 19:01:06; Bright; 52.0; 39; 85Eta UMa ; 1.85; 24000;occ; 104; 0;40791
 16; 4341.6; 18-DEC-2009 19:04:33; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;40791
 17; 4537.8; 18-DEC-2009 19:07:49; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;40791
 18; 4743.5; 18-DEC-2009 19:11:15; Bright; 43.0; 111; 8Eta Boo ; 2.68; 6000;occ; 86; 0;40791
 19; 5357.3; 18-DEC-2009 19:21:29; Dark ; 50.0; 15; 67Alp Vir ; 0.98; 28000;occ; 100; 0;40791
 20; 5567.9; 18-DEC-2009 19:24:59; Dark ; 44.5; 169; 46Gam Hya ; 2.99; 4700;occ; 89; 0;40791
 21; 5731.7; 18-DEC-2009 19:27:43; Dark ; 53.0; 106; 9Bet Crv ; 2.65; 5600;occ; 106; 0;40791
 22; 6002.4; 18-DEC-2009 19:32:14; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 0;40791
 23; 6102.9; 18-DEC-2009 19:33:54; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;40791
 24; 6341.4; 18-DEC-2009 19:37:53; Dark ; 55.5; 113; Mu Vel ; 2.69; 5000;occ; 111; 0;40791
 25; 6557.4; 18-DEC-2009 19:41:29; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40791
 26; 6644.4; 18-DEC-2009 19:42:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40791
 27; 6840.4; 18-DEC-2009 19:46:12; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;40791

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1; -676.3; 19-DEC-2009 00:23:19; Dark ; 53.5; 15; 67Alp Vir ; 0.98; 28000;occ; 107; 0;40794
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 3; -300.9; 19-DEC-2009 00:29:34; Dark ; 64.0; 106; 9Bet Crv ; 2.65; 5600;occ; 128; 0;40794
 4; -31.6; 19-DEC-2009 00:34:03; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;40794
 5; 69.1; 19-DEC-2009 00:35:44; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;40795
 6; 308.0; 19-DEC-2009 00:39:43; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;40795
 7; 523.3; 19-DEC-2009 00:43:18; Dark ; 47.0; 71; Iot Car ; 2.25; 7700;occ; 94; 0;40795
 8; 610.6; 19-DEC-2009 00:44:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40795
 9; 806.2; 19-DEC-2009 00:48:01; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;40795
 10; 935.6; 19-DEC-2009 00:50:11; Dark ; 51.5; 70; Zet Pup ; 2.25; 39000;occ; 103; 0;40795
 11; 1091.1; 19-DEC-2009 00:52:46; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;40795
 12; 1280.7; 19-DEC-2009 00:55:56; Dark ; 50.0; 23; 21Eps CMa ; 1.50; 26000;occ; 100; 0;40795
 13; 1385.0; 19-DEC-2009 00:57:40; Dark ; 53.5; 179; 240mi2CMa ; 3.03; 24000;occ; 107; 0;40795
 14; 1559.4; 19-DEC-2009 01:00:34; Dark ; 60.0; 1; 9Alp CMa ; -1.44; 11000;occ; 120; 0;40795
 15; 1752.0; 19-DEC-2009 01:03:47; Dark ; 45.0; 7; 19Bet Ori ; 0.10; 14000;occ; 90; 0;40795
 16; 1881.3; 19-DEC-2009 01:05:56; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;40795
 17; 2061.4; 19-DEC-2009 01:08:56; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;40795
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 19; 2308.7; 19-DEC-2009 01:13:04; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;40795
 20; 2432.7; 19-DEC-2009 01:15:08; Bright; 42.5; 28; 12Bet Tau ; 1.65; 15200;occ; 85; 0;40795
 21; 2639.5; 19-DEC-2009 01:18:34; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;40795
 22; 2727.1; 19-DEC-2009 01:20:02; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;40795
 23; 3703.2; 19-DEC-2009 01:36:18; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;40795
 24; 3972.3; 19-DEC-2009 01:40:47; Bright; 55.5; 32; 77Eps UMa ; 1.76; 11000;occ; 111; 0;40795
 25; 4134.4; 19-DEC-2009 01:43:29; Bright; 53.5; 39; 85Eta UMa ; 1.85; 24000;occ; 107; 0;40795
 26; 4341.7; 19-DEC-2009 01:46:57; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;40795
 27; 4538.5; 19-DEC-2009 01:50:13; Bright; 42.0; 83; ; 2.38; 11000;occ; 84; 0;40795
 28; 4744.6; 19-DEC-2009 01:53:40; Bright; 42.5; 111; 8Eta Boo ; 2.68; 6000;occ; 85; 0;40795

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 13; 1385.5; 19-DEC-2009 02:38:16; Dark ; 51.0; 179; 240mi2CMa ; 3.03; 24000;occ; 102; 0;40796
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 19; 2308.6; 19-DEC-2009 02:53:39; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;40796
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 21; 2639.1; 19-DEC-2009 02:59:10; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;40796
 22; 2726.8; 19-DEC-2009 03:00:38; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;40796

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 13; 524.4; 19-DEC-2009 04:04:31; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40797
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 16; 937.4; 19-DEC-2009 04:11:24; Dark ; 48.5; 70; Zet Pup ; 2.25; 39000;occ; 97; 0;40797
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 26; 2432.2; 19-DEC-2009 04:36:19; Bright; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;40797
 27; 2638.7; 19-DEC-2009 04:39:46; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;40797
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 13; 525.1; 19-DEC-2009 05:45:08; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;40798
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 17; 1092.8; 19-DEC-2009 05:54:36; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;40798
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 19; 1386.2; 19-DEC-2009 05:59:29; Dark ; 51.5; 179; 240mi2CMa ; 3.03; 24000;occ; 103; 0;40798
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 23; 2061.0; 19-DEC-2009 06:10:44; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;40798
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3; 1285.4; 19-DEC-2009 21:03:12; Dark ; 50.5; 23; 21Eps CMa ; 1.50; 26000;occ; 101; 0;40807
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7; 1880.8; 19-DEC-2009 21:13:07; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;40807
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17; 4342.6; 19-DEC-2009 21:54:09; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;40807
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23; 3702.7; 19-DEC-2009 23:24:05; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;40808
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26; 4343.0; 19-DEC-2009 23:34:45; Bright; 50.5; 180; 27Gam Boo ; 3.04; 8000;occ; 101; 0;40808
27; 4540.8; 19-DEC-2009 23:38:03; Bright; 55.0; 83; ; 2.38; 11000;occ; 110; 0;40808
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6; 320.8; 20-DEC-2009 00:08:19; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40809
7; 531.7; 20-DEC-2009 00:11:50; Dark ; 49.0; 71; Iot Car ; 2.25; 7700;occ; 98; 0;40809
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7;	2614.7;	22-DEC-2009	14:48:42;	Bright;	41.5;	107;	37The Aur	; 2.65;	11000;occ;	83;	0;40846
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9;	3701.2;	22-DEC-2009	15:06:49;	Bright;	37.5;	60;	7Bet UMi	; 2.08;	3950;occ;	75;	0;40846
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11;	4129.9;	22-DEC-2009	15:13:58;	Bright;	40.5;	39;	85Eta UMa	; 1.85;	24000;occ;	81;	0;40846
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13;	4548.0;	22-DEC-2009	15:20:56;	Bright;	36.5;	83;		; 2.38;	11000;occ;	73;	0;40846
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16;	5682.5;	22-DEC-2009	15:39:50;	Dark	; 47.5;	54;	5The Cen	; 2.06;	4500;occ;	95;	0;40846
17;	5800.7;	22-DEC-2009	15:41:48;	Dark	; 55.5;	106;	9Bet Crv	; 2.65;	5600;occ;	111;	0;40846
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19;	6139.3;	22-DEC-2009	15:47:27;	Dark	; 49.5;	26;	Gam Cru	; 1.62;	2900;occ;	99;	0;40846
20;	6391.4;	22-DEC-2009	15:51:39;	Dark	; 46.0;	113;	Mu Vel	; 2.69;	5000;occ;	92;	0;40846
21;	6590.7;	22-DEC-2009	15:54:58;	Dark	; 40.5;	71;	Iot Car	; 2.25;	7700;occ;	81;	0;40846
22;	6683.2;	22-DEC-2009	15:56:31;	Dark	; 59.5;	0;		; 0.00;	0;occ;	119;	0;40846
23;	6772.6;	22-DEC-2009	15:58:00;	Dark	; 66.5;	65;	Lam Vel	; 2.20;	4400;occ;	133;	0;40846
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26;	7152.8;	22-DEC-2009	16:04:20;	Dark	; 50.0;	117;	Pi Pup	; 2.71;	3800;occ;	100;	0;40846
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9;	2292.7;	22-DEC-2009	21:25:44;	Bright;	44.0;	176;	23Zet Tau	; 3.02;	22000;occ;	88;	0;40850
10;	2417.5;	22-DEC-2009	21:27:49;	Bright;	43.0;	28;	12Bet Tau	; 1.65;	15200;occ;	86;	0;40850
11;	2612.7;	22-DEC-2009	21:31:04;	Bright;	42.5;	107;	37The Aur	; 2.65;	11000;occ;	85;	0;40850
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13;	3700.9;	22-DEC-2009	21:49:12;	Bright;	41.0;	60;	7Bet UMi	; 2.08;	3950;occ;	82;	0;40850
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16;	4345.9;	22-DEC-2009	21:59:58;	Bright;	57.0;	180;	27Gam Boo	; 3.04;	8000;occ;	114;	0;40850
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11;	1300.9;	22-DEC-2009	22:49:48;	Dark	; 50.5;	23;	21Eps CMA	; 1.50;	26000;occ;	101;	0;40851
12;	1401.3;	22-DEC-2009	22:51:29;	Dark	; 49.0;	179;	240mi2CMA	; 3.03;	24000;occ;	98;	0;40851
13;	1566.0;	22-DEC-2009	22:54:13;	Dark	; 53.0;	1;	9Alp CMA	; -1.44;	11000;occ;	106;	0;40851
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19;	2612.3;	22-DEC-2009	23:11:40;	Bright;	61.0;	107;	37The Aur	; 2.65;	11000;occ;	122;	0;40851
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22;	3956.9;	22-DEC-2009	23:34:04;	Bright;	42.5;	32;	77Eps UMa	; 1.76;	11000;occ;	85;	0;40851
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 13; 1566.1; 23-DEC-2009 00:34:49; Dark ; 56.5; 1; 9Alp CMA ; -1.44; 11000;occ; 113; 0;40852
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17; 1121.2; 23-DEC-2009 07:09:48; Dark ; 49.0; 117; Pi Pup ; 2.71; 3800;occ; 98; 0;40856
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9; 3955.6; 23-DEC-2009 07:57:03; Bright; 46.0; 32; 77Eps UMa ; 1.76; 11000;occ; 92; 0;40856
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13; 4767.3; 23-DEC-2009 08:10:34; Bright; 66.0; 111; 8Eta Boo ; 2.68; 6000;occ; 132; 0;40856
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16; 5814.2; 23-DEC-2009 08:28:01; Dark ; 47.0; 106; 9Bet Crv ; 2.65; 5600;occ; 94; 0;40856
17; 6047.3; 23-DEC-2009 08:31:54; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 0;40856
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19; 6400.3; 23-DEC-2009 08:37:47; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;40856
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22; 6882.3; 23-DEC-2009 08:45:49; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;40856
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27; 7602.9; 23-DEC-2009 08:57:50; Dark ; 57.0; 1; 9Alp CMa ; -1.44; 11000;occ; 114; 0;40856
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9; 3955.4; 23-DEC-2009 09:37:38; Bright; 44.5; 32; 77Eps UMa ; 1.76; 11000;occ; 89; 0;40857
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23; 6704.7; 23-DEC-2009 15:25:15; Dark ; 51.0; 41; Eps Car ; 1.86; 4100;occ; 102; 0;40860
24; 6884.9; 23-DEC-2009 15:28:16; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;40860
25; 7016.0; 23-DEC-2009 15:30:27; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;40860
26; 7159.1; 23-DEC-2009 15:32:50; Dark ; 49.0; 117; Pi Pup ; 2.71; 3800;occ; 98; 0;40860

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3; 1404.2; 23-DEC-2009 15:37:31; Dark ; 47.5; 179; 240mi2CMa ; 3.03; 24000;occ; 95; 0;40861
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9; 2415.1; 23-DEC-2009 15:54:22; Bright; 41.0; 28; 12Bet Tau ; 1.65; 15200;occ; 82; 0;40861
10; 2607.7; 23-DEC-2009 15:57:34; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;40861
11; 2710.4; 23-DEC-2009 15:59:17; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;40861
12; 3700.5; 23-DEC-2009 16:15:47; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;40861
13; 3954.3; 23-DEC-2009 16:20:01; Bright; 65.0; 32; 77Eps UMa ; 1.76; 11000;occ; 130; 0;40861
14; 4128.1; 23-DEC-2009 16:22:55; Bright; 44.5; 39; 85Eta UMa ; 1.85; 24000;occ; 89; 0;40861
15; 4347.2; 23-DEC-2009 16:26:34; Bright; 46.5; 180; 27Gam Boo ; 3.04; 8000;occ; 93; 0;40861
16; 4550.6; 23-DEC-2009 16:29:57; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;40861
17; 4769.7; 23-DEC-2009 16:33:36; Bright; 46.5; 111; 8Eta Boo ; 2.68; 6000;occ; 93; 0;40861
18; 5419.9; 23-DEC-2009 16:44:27; Dark ; 56.0; 15; 67Alp Vir ; 0.98; 28000;occ; 112; 0;40861
19; 5690.8; 23-DEC-2009 16:48:57; Dark ; 43.5; 54; 5The Cen ; 2.06; 4500;occ; 87; 0;40861
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21; 6050.9; 23-DEC-2009 16:54:58; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;40861
22; 6138.6; 23-DEC-2009 16:56:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40861
23; 6404.9; 23-DEC-2009 17:00:52; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40861
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25; 6705.3; 23-DEC-2009 17:05:52; Dark ; 47.0; 41; Eps Car ; 1.86; 4100;occ; 94; 0;40861
26; 6885.5; 23-DEC-2009 17:08:52; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;40861
27; 7016.6; 23-DEC-2009 17:11:03; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;40861
28; 7160.0; 23-DEC-2009 17:13:27; Dark ; 3.0; 117; Pi Pup ; 2.71; 3800;occ; 6; 0;40861

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4; 1404.4; 23-DEC-2009 17:18:07; Dark ; 50.0; 179; 240mi2CMa ; 3.03; 24000;occ; 100; 0;40862
5; 1567.5; 23-DEC-2009 17:20:50; Dark ; 56.0; 1; 9Alp CMa ; -1.44; 11000;occ; 112; 0;40862
6; 1757.0; 23-DEC-2009 17:24:00; Dark ; 46.0; 7; 19Bet Ori ; 0.10; 14000;occ; 92; 0;40862
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8; 2046.5; 23-DEC-2009 17:28:49; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;40862
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10; 2414.8; 23-DEC-2009 17:34:57; Bright; 41.0; 28; 12Bet Tau ; 1.65; 15200;occ; 82; 0;40862
11; 2607.5; 23-DEC-2009 17:38:10; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;40862
12; 2710.4; 23-DEC-2009 17:39:53; Bright; 42.0; 6; 13Alp Aur ; 0.08; 3400;occ; 84; 0;40862
13; 3700.4; 23-DEC-2009 17:56:23; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;40862
14; 3954.0; 23-DEC-2009 18:00:37; Bright; 46.5; 32; 77Eps UMa ; 1.76; 11000;occ; 93; 0;40862
15; 4128.0; 23-DEC-2009 18:03:31; Bright; 42.5; 39; 85Eta UMa ; 1.85; 24000;occ; 85; 0;40862
16; 4347.2; 23-DEC-2009 18:07:10; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;40862
17; 4550.7; 23-DEC-2009 18:10:33; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;40862

18; 4769.7; 23-DEC-2009 18:14:12; Bright; 66.0; 111; 8Eta Boo ; 2.68; 6000;occ; 132; 0;40862
 19; 5420.9; 23-DEC-2009 18:25:04; Dark ; 55.5; 15; 67Alp Vir ; 0.98; 28000;occ; 111; 0;40862
 20; 5691.1; 23-DEC-2009 18:29:34; Dark ; 44.5; 54; 5The Cen ; 2.06; 4500;occ; 89; 0;40862
 21; 5822.3; 23-DEC-2009 18:31:45; Dark ; 30.0; 106; 9Bet Crv ; 2.65; 5600;occ; 60; 0;40862
 22; 6051.6; 23-DEC-2009 18:35:34; Dark ; 42.5; 64; Gam Cen ; 2.20; 10600;occ; 85; 0;40862
 23; 6139.5; 23-DEC-2009 18:37:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40862
 24; 6405.9; 23-DEC-2009 18:41:29; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;40862
 25; 6600.0; 23-DEC-2009 18:44:43; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40862
 26; 6705.8; 23-DEC-2009 18:46:28; Dark ; 56.0; 41; Eps Car ; 1.86; 4100;occ; 112; 0;40862
 27; 6886.0; 23-DEC-2009 18:49:29; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;40862

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 3; 1124.5; 23-DEC-2009 18:54:03; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;40863
 4; 1305.3; 23-DEC-2009 18:57:04; Dark ; 49.5; 23; 21Eps CMA ; 1.50; 26000;occ; 99; 0;40863
 5; 1404.8; 23-DEC-2009 18:58:43; Dark ; 48.5; 179; 240mi2CMA ; 3.03; 24000;occ; 97; 0;40863
 6; 1567.7; 23-DEC-2009 19:01:26; Dark ; 53.5; 1; 9Alp CMA ; -1.44; 11000;occ; 107; 0;40863
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 11; 2414.6; 23-DEC-2009 19:15:33; Bright; 40.5; 28; 12Bet Tau ; 1.65; 15200;occ; 81; 0;40863
 12; 2607.1; 23-DEC-2009 19:18:46; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;40863
 13; 2710.1; 23-DEC-2009 19:20:29; Bright; 43.0; 6; 13Alp Aur ; 0.08; 3400;occ; 86; 0;40863
 14; 3700.2; 23-DEC-2009 19:36:59; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;40863
 15; 3953.7; 23-DEC-2009 19:41:12; Bright; 47.0; 32; 77Eps UMA ; 1.76; 11000;occ; 94; 0;40863
 16; 4127.8; 23-DEC-2009 19:44:06; Bright; 61.0; 39; 85Eta UMA ; 1.85; 24000;occ; 122; 0;40863
 17; 4347.0; 23-DEC-2009 19:47:46; Bright; 58.0; 180; 27Gam Boo ; 3.04; 8000;occ; 116; 0;40863
 18; 4550.9; 23-DEC-2009 19:51:10; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;40863
 19; 4770.0; 23-DEC-2009 19:54:49; Bright; 66.0; 111; 8Eta Boo ; 2.68; 6000;occ; 132; 0;40863
 20; 5421.9; 23-DEC-2009 20:05:41; Dark ; 58.0; 15; 67Alp Vir ; 0.98; 28000;occ; 116; 0;40863
 21; 5691.8; 23-DEC-2009 20:10:11; Dark ; 49.5; 54; 5The Cen ; 2.06; 4500;occ; 99; 0;40863
 22; 5823.8; 23-DEC-2009 20:12:23; Dark ; 30.0; 106; 9Bet Crv ; 2.65; 5600;occ; 60; 0;40863
 23; 6052.0; 23-DEC-2009 20:16:11; Dark ; 48.0; 64; Gam Cen ; 2.20; 10600;occ; 96; 0;40863
 24; 6140.3; 23-DEC-2009 20:17:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40863
 25; 6406.8; 23-DEC-2009 20:22:05; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;40863
 26; 6600.5; 23-DEC-2009 20:25:19; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40863
 27; 6706.2; 23-DEC-2009 20:27:05; Dark ; 55.5; 41; Eps Car ; 1.86; 4100;occ; 111; 0;40863
 28; 6886.5; 23-DEC-2009 20:30:05; Dark ; 17.0; 34; Gam2Vel ; 1.79; 23000;occ; 34; 0;40863

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 3; -224.5; 24-DEC-2009 01:13:58; Dark ; 45.5; 123; Iot Cen ; 2.75; 10200;occ; 91; 0;40866
 4; 18.5; 24-DEC-2009 01:18:01; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;40867
 5; 107.0; 24-DEC-2009 01:19:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40867
 6; 373.5; 24-DEC-2009 01:23:56; Dark ; 50.5; 113; Mu Vel ; 2.69; 5000;occ; 101; 0;40867
 7; 566.3; 24-DEC-2009 01:27:09; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;40867
 8; 671.7; 24-DEC-2009 01:28:54; Dark ; 50.0; 41; Eps Car ; 1.86; 4100;occ; 100; 0;40867
 9; 852.4; 24-DEC-2009 01:31:55; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;40867
 10; 983.8; 24-DEC-2009 01:34:06; Dark ; 51.5; 70; Zet Pup ; 2.25; 39000;occ; 103; 0;40867
 11; 1126.1; 24-DEC-2009 01:36:28; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;40867
 12; 1306.6; 24-DEC-2009 01:39:29; Dark ; 49.0; 23; 21Eps CMA ; 1.50; 26000;occ; 98; 0;40867
 13; 1405.7; 24-DEC-2009 01:41:08; Dark ; 47.0; 179; 240mi2CMA ; 3.03; 24000;occ; 94; 0;40867
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 15; 1757.2; 24-DEC-2009 01:46:59; Dark ; 44.5; 7; 19Bet Ori ; 0.10; 14000;occ; 89; 0;40867
 16; 1878.9; 24-DEC-2009 01:49:01; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;40867
 17; 2045.7; 24-DEC-2009 01:51:48; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;40867
 18; 2288.8; 24-DEC-2009 01:55:51; Bright; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;40867
 19; 2413.3; 24-DEC-2009 01:57:56; Bright; 42.5; 28; 12Bet Tau ; 1.65; 15200;occ; 85; 0;40867
 20; 2605.2; 24-DEC-2009 02:01:07; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;40867
 21; 2709.0; 24-DEC-2009 02:02:51; Bright; 42.0; 6; 13Alp Aur ; 0.08; 3400;occ; 84; 0;40867
 22; 3699.8; 24-DEC-2009 02:19:22; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;40867
 23; 3952.3; 24-DEC-2009 02:23:35; Bright; 47.0; 32; 77Eps UMA ; 1.76; 11000;occ; 94; 0;40867
 24; 4127.1; 24-DEC-2009 02:26:29; Bright; 53.5; 39; 85Eta UMA ; 1.85; 24000;occ; 107; 0;40867

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 2; -1688.6; 24-DEC-2009 02:30:10; Bright; 58.0; 180; 27Gam Boo ; 3.04; 8000;occ; 116; 0;40867
 3; -1483.9; 24-DEC-2009 02:33:34; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;40867

4; -1264.3; 24-DEC-2009 02:37:14; Bright; 67.0; 111; 8Eta Boo ; 2.68; 6000;occ; 134; 0;40867
5; -610.0; 24-DEC-2009 02:48:08; Dark ; 62.5; 15; 67Alp Vir ; 0.98; 28000;occ; 125; 0;40867
6; -342.0; 24-DEC-2009 02:52:36; Dark ; 43.0; 54; 5The Cen ; 2.06; 4500;occ; 86; 0;40867
7; -223.9; 24-DEC-2009 02:54:34; Dark ; 42.5; 123; Iot Cen ; 2.75; 10200;occ; 85; 0;40867
8; 19.2; 24-DEC-2009 02:58:37; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;40868
9; 107.9; 24-DEC-2009 03:00:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40868
10; 374.6; 24-DEC-2009 03:04:33; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40868
11; 566.9; 24-DEC-2009 03:07:45; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40868
12; 672.3; 24-DEC-2009 03:09:31; Dark ; 44.0; 41; Eps Car ; 1.86; 4100;occ; 88; 0;40868
13; 852.9; 24-DEC-2009 03:12:31; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;40868
14; 984.4; 24-DEC-2009 03:14:43; Dark ; 48.5; 70; Zet Pup ; 2.25; 39000;occ; 97; 0;40868
15; 1126.6; 24-DEC-2009 03:17:05; Dark ; 49.0; 117; Pi Pup ; 2.71; 3800;occ; 98; 0;40868
16; 1306.7; 24-DEC-2009 03:20:05; Dark ; 49.5; 23; 21Eps CMa ; 1.50; 26000;occ; 99; 0;40868
17; 1406.1; 24-DEC-2009 03:21:44; Dark ; 49.5; 179; 240mi2CMa ; 3.03; 24000;occ; 99; 0;40868
18; 1568.0; 24-DEC-2009 03:24:26; Dark ; 54.0; 1; 9Alp CMa ; -1.44; 11000;occ; 108; 0;40868
19; 1757.4; 24-DEC-2009 03:27:36; Dark ; 45.5; 7; 19Bet Ori ; 0.10; 14000;occ; 91; 0;40868
20; 1878.9; 24-DEC-2009 03:29:37; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;40868
21; 2045.8; 24-DEC-2009 03:32:24; Dark ; 56.5; 14; 58Alp Ori ; 0.87; 3000;occ; 113; 0;40868
22; 2288.7; 24-DEC-2009 03:36:27; Bright; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;40868
23; 2413.4; 24-DEC-2009 03:38:32; Bright; 40.5; 28; 12Bet Tau ; 1.65; 15200;occ; 81; 0;40868
24; 2604.8; 24-DEC-2009 03:41:43; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;40868
25; 2709.1; 24-DEC-2009 03:43:27; Bright; 42.0; 6; 13Alp Aur ; 0.08; 3400;occ; 84; 0;40868

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3; -1908.7; 24-DEC-2009 04:07:05; Bright; 61.0; 39; 85Eta UMa ; 1.85; 24000;occ; 122; 0;40868
4; -1688.7; 24-DEC-2009 04:10:45; Bright; 58.0; 180; 27Gam Boo ; 3.04; 8000;occ; 116; 0;40868
5; -1483.9; 24-DEC-2009 04:14:10; Bright; 39.5; 83; ; 2.38; 11000;occ; 79; 0;40868
6; -1263.8; 24-DEC-2009 04:17:50; Bright; 67.0; 111; 8Eta Boo ; 2.68; 6000;occ; 134; 0;40868
7; -739.8; 24-DEC-2009 04:26:34; Bright; 43.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 86; 0;40868
8; -609.2; 24-DEC-2009 04:28:45; Dark ; 57.0; 15; 67Alp Vir ; 0.98; 28000;occ; 114; 0;40868
9; -341.3; 24-DEC-2009 04:33:13; Dark ; 46.0; 54; 5The Cen ; 2.06; 4500;occ; 92; 0;40868
10; -223.0; 24-DEC-2009 04:35:11; Dark ; 42.0; 123; Iot Cen ; 2.75; 10200;occ; 84; 0;40868
11; 20.0; 24-DEC-2009 04:39:14; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;40869
12; 108.7; 24-DEC-2009 04:40:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40869
13; 375.4; 24-DEC-2009 04:45:10; Dark ; 56.0; 113; Mu Vel ; 2.69; 5000;occ; 112; 0;40869
14; 567.6; 24-DEC-2009 04:48:22; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;40869
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19; 1307.2; 24-DEC-2009 05:00:41; Dark ; 50.0; 23; 21Eps CMa ; 1.50; 26000;occ; 100; 0;40869
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21; 1568.2; 24-DEC-2009 05:05:02; Dark ; 53.5; 1; 9Alp CMa ; -1.44; 11000;occ; 107; 0;40869
22; 1757.5; 24-DEC-2009 05:08:12; Dark ; 45.5; 7; 19Bet Ori ; 0.10; 14000;occ; 91; 0;40869
23; 1878.9; 24-DEC-2009 05:10:13; Dark ; 44.0; 30; 46Eps Ori ; 1.69; 30000;occ; 88; 0;40869
24; 2045.5; 24-DEC-2009 05:13:00; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;40869
25; 2288.4; 24-DEC-2009 05:17:03; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;40869
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27; 7450.6; 26-DEC-2009 12:22:15; Dark ; 46.5; 179; 240mi2CMA ; 3.03; 24000;occ; 93; 0;40901
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3;	1319.0;	26-DEC-2009	19:03:03;	Dark	;	48.0;	23;	21Eps CMa	;	1.50;	26000;	occ;	96;	0;	40906
4;	1415.9;	26-DEC-2009	19:04:40;	Dark	;	46.5;	179;	240mi2CMa	;	3.03;	24000;	occ;	93;	0;	40906
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6;	1724.9;	26-DEC-2009	19:09:49;	Dark	;	45.0;	56;	53Kap Ori	;	2.07;	30000;	occ;	90;	0;	40906
7;	1878.8;	26-DEC-2009	19:12:23;	Dark	;	44.5;	30;	46Eps Ori	;	1.69;	30000;	occ;	89;	0;	40906
8;	2039.8;	26-DEC-2009	19:15:04;	Dark	;	51.5;	14;	58Alp Ori	;	0.87;	3000;	occ;	103;	0;	40906
9;	2259.7;	26-DEC-2009	19:18:44;	Dark	;	63.0;	44;	24Gam Gem	;	1.93;	11000;	occ;	126;	0;	40906
10;	2406.2;	26-DEC-2009	19:21:10;	Bright;		38.5;	28;	12Bet Tau	;	1.65;	15200;	occ;	77;	0;	40906
11;	2590.0;	26-DEC-2009	19:24:14;	Bright;		40.0;	107;	37The Aur	;	2.65;	11000;	occ;	80;	0;	40906
12;	2701.7;	26-DEC-2009	19:26:06;	Bright;		43.5;	6;	13Alp Aur	;	0.08;	3400;	occ;	87;	0;	40906
13;	3643.7;	26-DEC-2009	19:41:48;	Bright;		46.0;	36;	50Alp UMa	;	1.80;	6300;	occ;	92;	0;	40906
14;	3939.5;	26-DEC-2009	19:46:43;	Bright;		47.0;	32;	77Eps UMa	;	1.76;	11000;	occ;	94;	0;	40906
15;	4121.9;	26-DEC-2009	19:49:46;	Bright;		41.5;	39;	85Eta UMa	;	1.85;	24000;	occ;	83;	0;	40906
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17;	4559.5;	26-DEC-2009	19:57:03;	Bright;		39.0;	83;		;	2.38;	11000;	occ;	78;	0;	40906
18;	4788.4;	26-DEC-2009	20:00:52;	Bright;		70.0;	111;	8Eta Boo	;	2.68;	6000;	occ;	140;	0;	40906
19;	5313.6;	26-DEC-2009	20:09:37;	Dark	;	46.5;	122;	9Alp2Lib	;	2.75;	9700;	occ;	93;	0;	40906
20;	5467.1;	26-DEC-2009	20:12:11;	Dark	;	59.0;	15;	67Alp Vir	;	0.98;	28000;	occ;	118;	0;	40906
21;	5717.3;	26-DEC-2009	20:16:21;	Dark	;	44.5;	54;	5The Cen	;	2.06;	4500;	occ;	89;	0;	40906
22;	5843.9;	26-DEC-2009	20:18:28;	Dark	;	46.0;	123;	Iot Cen	;	2.75;	10200;	occ;	92;	0;	40906
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24;	6178.3;	26-DEC-2009	20:24:02;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	40906
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26;	6625.1;	26-DEC-2009	20:31:29;	Dark	;	42.0;	71;	Iot Car	;	2.25;	7700;	occ;	84;	0;	40906
27;	6727.3;	26-DEC-2009	20:33:11;	Dark	;	53.0;	41;	Eps Car	;	1.86;	4100;	occ;	106;	0;	40906
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9;	-188.4;	27-DEC-2009	03:00:55;	Dark	;	43.5;	123;	Iot Cen	;	2.75;	10200;	occ;	87;	0;	40910


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9; 3637.5; 27-DEC-2009 12:27:41; Bright; 41.0; 36; 50Alp UMa ; 1.80; 6300;occ; 82; 0;40916
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 3; 1880.3; 30-DEC-2009 13:44:44; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;40960
 4; 2034.2; 30-DEC-2009 13:47:18; Dark ; 49.5; 14; 58Alp Ori ; 0.87; 3000;occ; 99; 0;40960
 5; 2236.9; 30-DEC-2009 13:50:41; Dark ; 56.0; 44; 24Gam Gem ; 1.93; 11000;occ; 112; 0;40960
 6; 2334.1; 30-DEC-2009 13:52:18; Bright; 47.0; 151; 13Mu Gem ; 2.89; 3000;occ; 94; 0;40960
 7; 2415.8; 30-DEC-2009 13:53:40; Bright; 45.0; 170; 27Eps Gem ; 3.00; 9700;occ; 90; 0;40960
 8; 2572.7; 30-DEC-2009 13:56:17; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;40960
 9; 2694.7; 30-DEC-2009 13:58:19; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;40960
 10; 3693.1; 30-DEC-2009 14:14:57; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;40960
 11; 3920.0; 30-DEC-2009 14:18:44; Bright; 49.0; 32; 77Eps UMa ; 1.76; 11000;occ; 98; 0;40960
 12; 4113.0; 30-DEC-2009 14:21:57; Bright; 65.0; 39; 85Eta UMa ; 1.85; 24000;occ; 130; 0;40960
 13; 4352.2; 30-DEC-2009 14:25:56; Bright; 61.0; 180; 27Gam Boo ; 3.04; 8000;occ; 122; 0;40960
 14; 4570.2; 30-DEC-2009 14:29:34; Bright; 41.5; 83; ; 2.38; 11000;occ; 83; 0;40960
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 16; 5185.4; 30-DEC-2009 14:39:49; Bright; 52.0; 104; 27Bet Lib ; 2.61; 13100;occ; 104; 0;40960
 17; 5341.8; 30-DEC-2009 14:42:26; Dark ; 41.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 83; 0;40960
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 22; 6494.5; 30-DEC-2009 15:01:38; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;40960
 23; 6655.6; 30-DEC-2009 15:04:20; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40960
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 27; 7200.9; 30-DEC-2009 15:13:25; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;40960
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 3; 1579.2; 30-DEC-2009 15:20:19; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;40961
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 5; 1880.4; 30-DEC-2009 15:25:20; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;40961
 6; 2034.0; 30-DEC-2009 15:27:54; Dark ; 52.0; 14; 58Alp Ori ; 0.87; 3000;occ; 104; 0;40961
 7; 2236.4; 30-DEC-2009 15:31:16; Dark ; 52.5; 44; 24Gam Gem ; 1.93; 11000;occ; 105; 0;40961
 8; 2333.9; 30-DEC-2009 15:32:54; Bright; 47.0; 151; 13Mu Gem ; 2.89; 3000;occ; 94; 0;40961
 9; 2415.5; 30-DEC-2009 15:34:15; Bright; 47.0; 170; 27Eps Gem ; 3.00; 9700;occ; 94; 0;40961
 10; 2572.4; 30-DEC-2009 15:36:52; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;40961
 11; 2694.6; 30-DEC-2009 15:38:54; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;40961
 12; 3693.3; 30-DEC-2009 15:55:33; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;40961
 13; 3919.6; 30-DEC-2009 15:59:20; Bright; 51.0; 32; 77Eps UMa ; 1.76; 11000;occ; 102; 0;40961
 14; 4113.2; 30-DEC-2009 16:02:33; Bright; 41.5; 39; 85Eta UMa ; 1.85; 24000;occ; 83; 0;40961
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 17; 4762.9; 30-DEC-2009 16:13:23; Bright; 51.0; 3; 16Alp Boo ; -0.05; 4250;occ; 102; 0;40961
 18; 5186.0; 30-DEC-2009 16:20:26; Bright; 52.0; 104; 27Bet Lib ; 2.61; 13100;occ; 104; 0;40961
 19; 5342.5; 30-DEC-2009 16:23:02; Dark ; 44.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 88; 0;40961
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 21; 5921.0; 30-DEC-2009 16:32:41; Dark ; 38.5; 95; Zet Cen ; 2.55; 26000;occ; 77; 0;40961
 22; 6127.2; 30-DEC-2009 16:36:07; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;40961
 23; 6228.3; 30-DEC-2009 16:37:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40961
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 25; 6656.4; 30-DEC-2009 16:44:56; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;40961
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 27; 6942.4; 30-DEC-2009 16:49:42; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;40961
 28; 7074.3; 30-DEC-2009 16:51:54; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;40961
 29; 7201.6; 30-DEC-2009 16:54:02; Dark ; 15.0; 117; Pi Pup ; 2.71; 3800;occ; 30; 0;40961

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 3; 1335.5; 30-DEC-2009 16:56:51; Dark ; 47.5; 23; 21Eps CMA ; 1.50; 26000;occ; 95; 0;40962
 4; 1429.1; 30-DEC-2009 16:58:25; Dark ; 47.5; 179; 240mi2CMA ; 3.03; 24000;occ; 95; 0;40962
 5; 1579.4; 30-DEC-2009 17:00:55; Dark ; 49.5; 1; 9Alp CMA ; -1.44; 11000;occ; 99; 0;40962
 6; 1729.4; 30-DEC-2009 17:03:25; Dark ; 42.5; 56; 53Kap Ori ; 2.07; 30000;occ; 85; 0;40962
 7; 1880.4; 30-DEC-2009 17:05:56; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;40962
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 12; 2572.3; 30-DEC-2009 17:17:28; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;40962
 13; 2694.3; 30-DEC-2009 17:19:30; Bright; 42.0; 6; 13Alp Aur ; 0.08; 3400;occ; 84; 0;40962
 14; 3692.7; 30-DEC-2009 17:36:09; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;40962
 15; 3919.4; 30-DEC-2009 17:39:55; Bright; 44.0; 32; 77Eps UMa ; 1.76; 11000;occ; 88; 0;40962
 16; 4112.8; 30-DEC-2009 17:43:09; Bright; 48.0; 39; 85Eta UMa ; 1.85; 24000;occ; 96; 0;40962
 17; 4352.5; 30-DEC-2009 17:47:08; Bright; 41.0; 180; 27Gam Boo ; 3.04; 8000;occ; 82; 0;40962
 18; 4570.5; 30-DEC-2009 17:50:46; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;40962
 19; 4763.3; 30-DEC-2009 17:53:59; Bright; 51.0; 3; 16Alp Boo ; -0.05; 4250;occ; 102; 0;40962
 20; 5186.5; 30-DEC-2009 18:01:02; Bright; 50.0; 104; 27Bet Lib ; 2.61; 13100;occ; 100; 0;40962
 21; 5343.1; 30-DEC-2009 18:03:39; Dark ; 45.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 91; 0;40962
 22; 5754.1; 30-DEC-2009 18:10:30; Dark ; 52.0; 54; 5The Cen ; 2.06; 4500;occ; 104; 0;40962
 23; 5921.6; 30-DEC-2009 18:13:18; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;40962
 24; 6127.9; 30-DEC-2009 18:16:44; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;40962
 25; 6229.3; 30-DEC-2009 18:18:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40962
 26; 6496.5; 30-DEC-2009 18:22:52; Dark ; 51.5; 113; Mu Vel ; 2.69; 5000;occ; 103; 0;40962
 27; 6656.9; 30-DEC-2009 18:25:33; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40962
 28; 6753.7; 30-DEC-2009 18:27:10; Dark ; 54.5; 41; Eps Car ; 1.86; 4100;occ; 109; 0;40962
 29; 6942.9; 30-DEC-2009 18:30:19; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;40962
 30; 7074.7; 30-DEC-2009 18:32:31; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;40962

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 3; 1335.7; 30-DEC-2009 18:37:28; Dark ; 44.5; 23; 21Eps CMa ; 1.50; 26000;occ; 89; 0;40963
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 5; 1579.3; 30-DEC-2009 18:41:31; Dark ; 51.5; 1; 9Alp CMa ; -1.44; 11000;occ; 103; 0;40963
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 7; 1880.4; 30-DEC-2009 18:46:32; Dark ; 42.0; 30; 46Eps Ori ; 1.69; 30000;occ; 84; 0;40963
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 13; 2694.3; 30-DEC-2009 19:00:06; Bright; 41.0; 6; 13Alp Aur ; 0.08; 3400;occ; 82; 0;40963
 14; 3693.0; 30-DEC-2009 19:16:45; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;40963
 15; 3918.8; 30-DEC-2009 19:20:31; Bright; 49.5; 32; 77Eps UMa ; 1.76; 11000;occ; 99; 0;40963
 16; 4112.4; 30-DEC-2009 19:23:44; Bright; 65.0; 39; 85Eta UMa ; 1.85; 24000;occ; 130; 0;40963
 17; 4352.4; 30-DEC-2009 19:27:44; Bright; 61.0; 180; 27Gam Boo ; 3.04; 8000;occ; 122; 0;40963
 18; 4570.8; 30-DEC-2009 19:31:23; Bright; 42.0; 83; ; 2.38; 11000;occ; 84; 0;40963
 19; 4763.5; 30-DEC-2009 19:34:36; Bright; 53.0; 3; 16Alp Boo ; -0.05; 4250;occ; 106; 0;40963
 20; 5186.6; 30-DEC-2009 19:41:39; Bright; 50.0; 104; 27Bet Lib ; 2.61; 13100;occ; 100; 0;40963
 21; 5343.3; 30-DEC-2009 19:44:15; Dark ; 43.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 86; 0;40963
 22; 5754.7; 30-DEC-2009 19:51:07; Dark ; 54.5; 54; 5The Cen ; 2.06; 4500;occ; 109; 0;40963
 23; 5922.0; 30-DEC-2009 19:53:54; Dark ; 39.0; 95; Zet Cen ; 2.55; 26000;occ; 78; 0;40963
 24; 6128.5; 30-DEC-2009 19:57:21; Dark ; 50.0; 64; Gam Cen ; 2.20; 10600;occ; 100; 0;40963
 25; 6230.1; 30-DEC-2009 19:59:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40963
 26; 6497.1; 30-DEC-2009 20:03:29; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40963
 27; 6657.4; 30-DEC-2009 20:06:09; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;40963
 28; 6754.1; 30-DEC-2009 20:07:46; Dark ; 43.5; 41; Eps Car ; 1.86; 4100;occ; 87; 0;40963
 29; 6943.4; 30-DEC-2009 20:10:55; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;40963
 30; 7075.2; 30-DEC-2009 20:13:07; Dark ; 7.5; 70; Zet Pup ; 2.25; 39000;occ; 15; 0;40963

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 12; 1336.6; 31-DEC-2009 01:19:52; Dark ; 45.5; 23; 21Eps CMa ; 1.50; 26000;occ; 91; 0;40967
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18; 2234.2; 31-DEC-2009 01:34:50; Dark ; 52.5; 44; 24Gam Gem ; 1.93; 11000;occ; 105; 0;40967
19; 2331.9; 31-DEC-2009 01:36:27; Bright; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;40967
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22; 2693.8; 31-DEC-2009 01:42:29; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;40967
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27; 4571.6; 31-DEC-2009 02:13:47; Bright; 41.0; 83; ; 2.38; 11000;occ; 82; 0;40967
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5; 197.9; 31-DEC-2009 02:41:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40968
6; 464.8; 31-DEC-2009 02:45:56; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;40968
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8; 720.0; 31-DEC-2009 02:50:11; Dark ; 53.5; 41; Eps Car ; 1.86; 4100;occ; 107; 0;40968
9; 909.4; 31-DEC-2009 02:53:21; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;40968
10; 1041.3; 31-DEC-2009 02:55:33; Dark ; 48.5; 70; Zet Pup ; 2.25; 39000;occ; 97; 0;40968
11; 1167.7; 31-DEC-2009 02:57:39; Dark ; 48.0; 117; Pi Pup ; 2.71; 3800;occ; 96; 0;40968
12; 1337.3; 31-DEC-2009 03:00:29; Dark ; 49.0; 23; 21Eps CMa ; 1.50; 26000;occ; 98; 0;40968
13; 1430.6; 31-DEC-2009 03:02:02; Dark ; 45.5; 179; 24Omi2CMa ; 3.03; 24000;occ; 91; 0;40968
14; 1580.1; 31-DEC-2009 03:04:32; Dark ; 46.5; 1; 9Alp CMa ;-1.44; 11000;occ; 93; 0;40968
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16; 1880.7; 31-DEC-2009 03:09:32; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;40968
17; 2033.4; 31-DEC-2009 03:12:05; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;40968
18; 2233.9; 31-DEC-2009 03:15:25; Dark ; 63.0; 44; 24Gam Gem ; 1.93; 11000;occ; 126; 0;40968
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21; 5351.6; 31-DEC-2009 19:12:47; Dark ; 43.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 86; 0;40977
22; 5764.4; 31-DEC-2009 19:19:39; Dark ; 48.5; 54; 5The Cen ; 2.06; 4500;occ; 97; 0;40977
23; 5930.5; 31-DEC-2009 19:22:26; Dark ; 39.5; 95; Zet Cen ; 2.55; 26000;occ; 79; 0;40977
24; 6139.8; 31-DEC-2009 19:25:55; Dark ; 48.0; 64; Gam Cen ; 2.20; 10600;occ; 96; 0;40977
25; 6243.1; 31-DEC-2009 19:27:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40977
26; 6509.6; 31-DEC-2009 19:32:05; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;40977
27; 6664.9; 31-DEC-2009 19:34:40; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;40977
28; 6760.3; 31-DEC-2009 19:36:15; Dark ; 52.0; 41; Eps Car ; 1.86; 4100;occ; 104; 0;40977
29; 6950.7; 31-DEC-2009 19:39:26; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;40977
30; 7082.3; 31-DEC-2009 19:41:37; Dark ; 16.5; 70; Zet Pup ; 2.25; 39000;occ; 33; 0;40977

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