

GOMOS Daily Report 06-AUG-2009

Level 0 and Level 1 products

SUMMARY

[1. General Info](#)

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

[2.1 Level 0: products arrived in PCF during current month \(see template here\)](#)

[2.2 Level 0: plot of mission plan versus production during reporting period](#)

[2.3 Level 0: summary of missing occultations with respect to the plan](#)

[2.4 Level 1: products arrived in PCF during reporting period](#)

[3. Plot of Spectrometers and Photometers temperatures](#)

[4. Dark Charge monitoring](#)

[4.1 Products that did not use the Dark Sky Area observation for DC computation](#)

[4.2 Plot of Dark Charge](#)

[5. Demodulation correction and quality product information monitoring](#)

[5.1 Percentage of products with some flags set](#)

[5.2 Plot of quality information per product \(time dependant\)](#)

[5.3 Plot of quality information per product \(world map\)](#)

[6. Star tangent altitude lost](#)

[6.1 Statistics on star tangent altitude lost](#)

[6.2 Plot of star tangent altitude lost: DARK products](#)

[6.3 Plot of star tangent altitude lost: BRIGHT products](#)

[6.3 Plot of star tangent altitude lost: TWILIGHT products](#)

[7. Star Acquisition and Tracking Unit \(SATU\)](#)

[7.1 SATU plots \(dark limb\): 'X' and 'Y' axis](#)

[7.2 SATU Noise Equivalent Angle statistics](#)

[7.2.1 SATU NEA Statistics \(table\)](#)

[7.2.2 Daily SATU NEA STD \(dark limb\) - trend since 1st April 2006](#)

[8. Auxiliary Data Files used for the production reported in section 2.4](#)

[Level 2 products](#)

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	08AUG2009 04:35:56
Data source version	GOMOS/5.00
Start time of products	06AUG2009 00:03:30
Stop time of products	06AUG2009 23:56:33
Store outputs in DB	Yes
Nb of level 1b prods	134
Nb of prods with errors	1

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

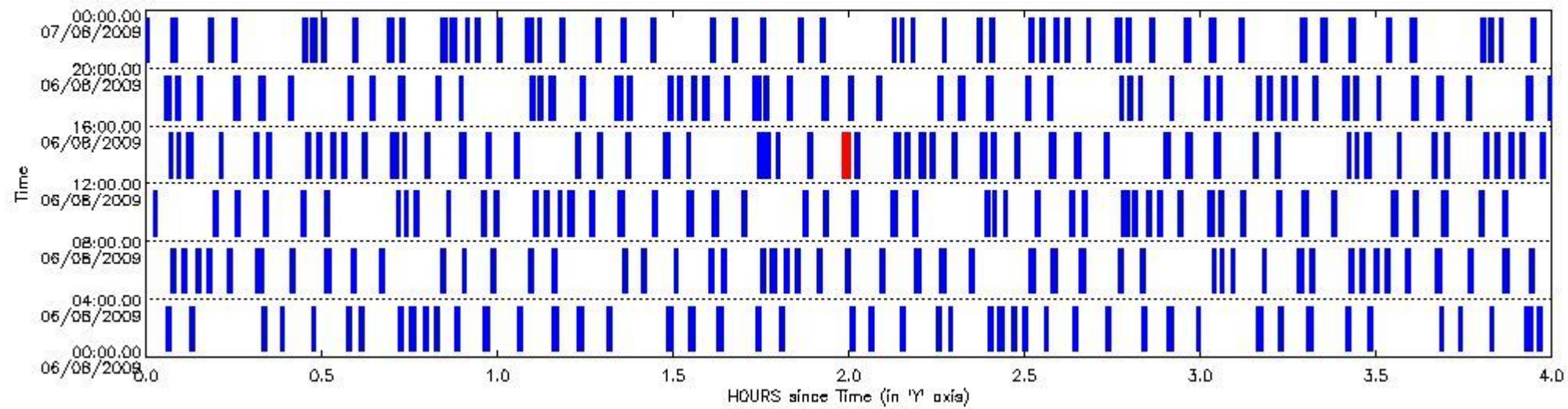
2.1 Level 0 products arrived in PCF (see template [here](#))

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)

UTC start time	Star name	Star ID	Orbit
06-AUG-2009 13:58:55	11BetCas	74	38870

2.4 Summary of processed GOM_TRA_1P products

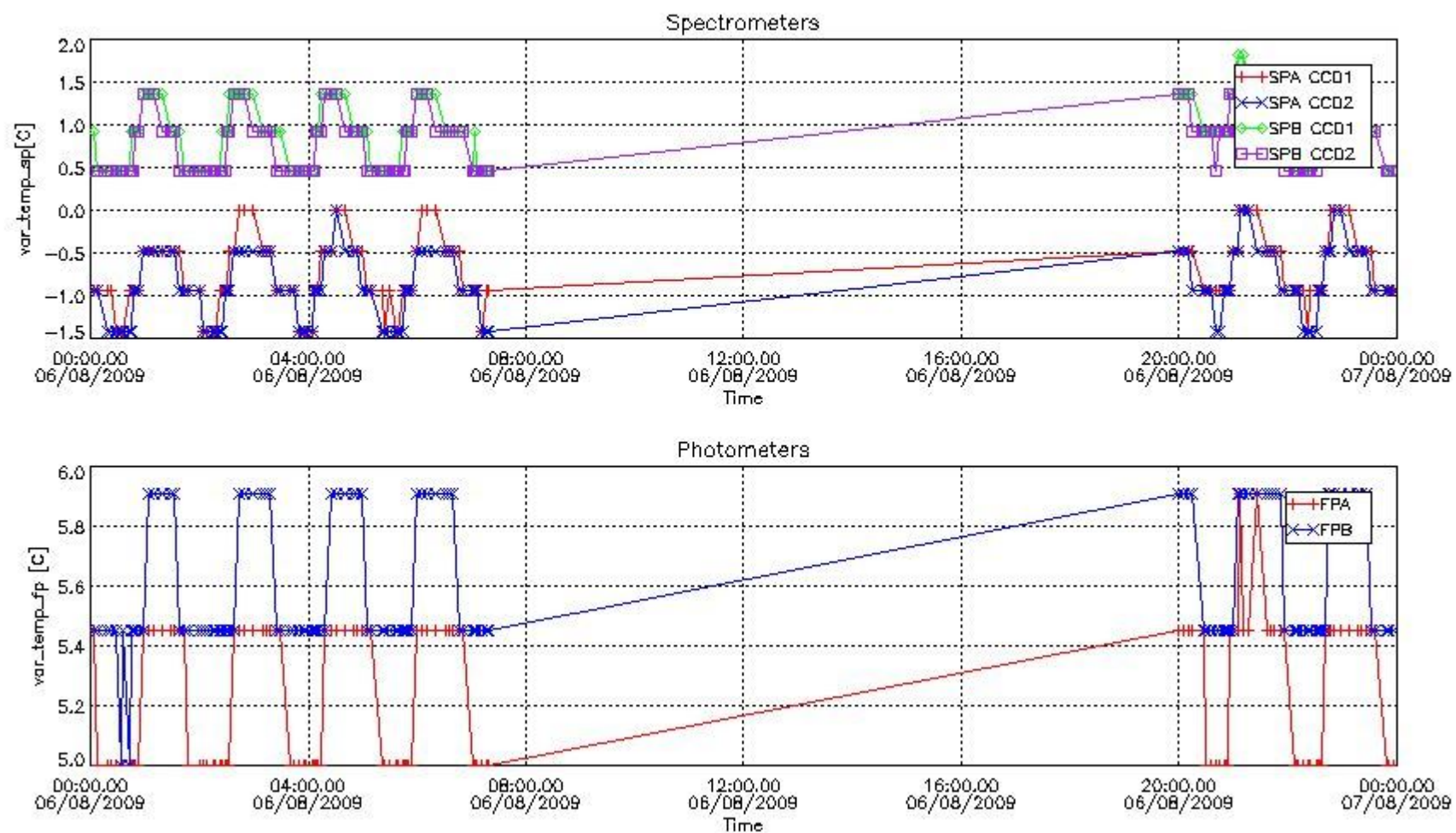
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20090806_000330_000000492081_00231_38862_9574.N1	06-AUG-2009 00:03:30	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	38862	No
2	GOM_TRA_1PNPDE20090806_000724_000000482081_00231_38862_9575.N1	06-AUG-2009 00:07:24	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	38862	No
3	GOM_TRA_1PNPDE20090806_001939_000000602081_00231_38862_9576.N1	06-AUG-2009 00:19:39	Bright	60.000	92	53Eps Cyg	2.5000	4500.0	120	38862	No
4	GOM_TRA_1PNPDE20090806_002249_000000382081_00231_38862_9577.N1	06-AUG-2009 00:22:49	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	38862	No
5	GOM_TRA_1PNPDE20090806_002816_000000392081_00231_38862_9578.N1	06-AUG-2009 00:28:16	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38862	No
6	GOM_TRA_1PNPDE20090806_003415_000000512081_00231_38862_9579.N1	06-AUG-2009 00:34:15	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38862	No
7	GOM_TRA_1PNPDE20090806_003619_000000492081_00231_38862_9580.N1	06-AUG-2009 00:36:19	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38862	No
8	GOM_TRA_1PNPDE20090806_004304_000000522081_00231_38862_9581.N1	06-AUG-2009 00:43:04	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38862	No
9	GOM_TRA_1PNPDE20090806_004450_000000632081_00231_38862_9582.N1	06-AUG-2009 00:44:50	Bright	62.500	35	33Alp Per	1.7950	6250.0	125	38862	No
10	GOM_TRA_1PNPDE20090806_004714_000000452081_00231_38862_9583.N1	06-AUG-2009 00:47:14	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38862	No

11	GOM_TRA_1PNPDE20090806_004905_000000522081_00231_38862_9584.N1	06-AUG-2009 00:49:05	Bright	52.000	149	45Eps Per	2.8880	30000.	104	38862	No
12	GOM_TRA_1PNPDE20090806_005240_000000462081_00231_38862_9585.N1	06-AUG-2009 00:52:40	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38862	No
13	GOM_TRA_1PNPDE20090806_005733_000000612081_00231_38862_9586.N1	06-AUG-2009 00:57:33	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	38862	No
14	GOM_TRA_1PNPDE20090806_010321_000000442081_00231_38862_9587.N1	06-AUG-2009 01:03:21	Dark	43.500	128	67Bet Eri	2.7840	9700.0	87	38862	No
15	GOM_TRA_1PNPDE20090806_010915_000000592081_00231_38862_9714.N1	06-AUG-2009 01:09:15	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38862	No
16	GOM_TRA_1PNPDE20090806_011837_000000482081_00232_38863_9715.N1	06-AUG-2009 01:18:37	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38863	No
17	GOM_TRA_1PNPDE20090806_012857_000000632081_00232_38863_9716.N1	06-AUG-2009 01:28:57	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	38863	No
18	GOM_TRA_1PNPDE20090806_013241_000000512081_00232_38863_9717.N1	06-AUG-2009 01:32:41	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38863	No
19	GOM_TRA_1PNPDE20090806_013729_000000602081_00232_38863_9718.N1	06-AUG-2009 01:37:29	Tw_i_and_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	38863	No
20	GOM_TRA_1PNPDE20090806_014406_000000482081_00232_38863_9719.N1	06-AUG-2009 01:44:06	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38863	No
21	GOM_TRA_1PNPDE20090806_014800_000000482081_00232_38863_9720.N1	06-AUG-2009 01:48:00	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38863	No
22	GOM_TRA_1PNPDE20090806_020015_000000412081_00232_38863_9721.N1	06-AUG-2009 02:00:15	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38863	No
23	GOM_TRA_1PNPDE20090806_020325_000000412081_00232_38863_9722.N1	06-AUG-2009 02:03:25	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38863	No
24	GOM_TRA_1PNPDE20090806_020851_000000352081_00232_38863_9723.N1	06-AUG-2009 02:08:51	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	38863	No
25	GOM_TRA_1PNPDE20090806_021450_000000492081_00232_38863_9724.N1	06-AUG-2009 02:14:50	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38863	No
26	GOM_TRA_1PNPDE20090806_021655_000000482081_00232_38863_9725.N1	06-AUG-2009 02:16:55	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38863	No
27	GOM_TRA_1PNPDE20090806_022339_000000492081_00232_38863_9726.N1	06-AUG-2009 02:23:39	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38863	No
28	GOM_TRA_1PNPDE20090806_022525_000000532081_00232_38863_9797.N1	06-AUG-2009 02:25:25	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38863	No
29	GOM_TRA_1PNPDE20090806_022750_000000462081_00232_38863_9798.N1	06-AUG-2009 02:27:50	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38863	No
30	GOM_TRA_1PNPDE20090806_022941_000000492081_00232_38863_9799.N1	06-AUG-2009 02:29:41	Bright	49.000	149	45Eps Per	2.8880	30000.	98	38863	No
31	GOM_TRA_1PNPDE20090806_023316_000000462081_00232_38863_9800.N1	06-AUG-2009 02:33:16	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38863	No
32	GOM_TRA_1PNPDE20090806_023809_000000582081_00232_38863_9801.N1	06-AUG-2009 02:38:09	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	38863	No
33	GOM_TRA_1PNPDE20090806_024358_000000452081_00232_38863_9802.N1	06-AUG-2009 02:43:58	Dark	44.500	128	67Bet Eri	2.7840	9700.0	89	38863	No
34	GOM_TRA_1PNPDE20090806_024952_000000532081_00232_38863_9803.N1	06-AUG-2009 02:49:52	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	38863	No
35	GOM_TRA_1PNPDE20090806_025915_000000482081_00233_38864_9804.N1	06-AUG-2009 02:59:15	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38864	No
36	GOM_TRA_1PNPDE20090806_030933_000000582081_00233_38864_9805.N1	06-AUG-2009 03:09:33	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38864	No
37	GOM_TRA_1PNPDE20090806_031317_000000492081_00233_38864_9806.N1	06-AUG-2009 03:13:17	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	38864	No
38	GOM_TRA_1PNPDE20090806_031805_000000602081_00233_38864_9807.N1	06-AUG-2009 03:18:05	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38864	No
39	GOM_TRA_1PNPDE20090806_032442_000000482081_00233_38864_9808.N1	06-AUG-2009 03:24:42	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38864	No
40	GOM_TRA_1PNPDE20090806_032836_000000482081_00233_38864_9809.N1	06-AUG-2009 03:28:36	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38864	No
41	GOM_TRA_1PNPDE20090806_034050_000000432081_00233_38864_9810.N1	06-AUG-2009 03:40:50	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38864	No
42	GOM_TRA_1PNPDE20090806_034400_000000402081_00233_38864_9811.N1	06-AUG-2009 03:44:00	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38864	No
43	GOM_TRA_1PNPDE20090806_034927_000000392081_00233_38864_9812.N1	06-AUG-2009 03:49:27	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38864	No
44	GOM_TRA_1PNPDE20090806_035525_000000732081_00233_38864_9813.N1	06-AUG-2009 03:55:25	Bright	73.000	74	11Bet Cas	2.2680	6600.0	146	38864	No
45	GOM_TRA_1PNPDE20090806_035730_000000512081_00233_38864_9878.N1	06-AUG-2009 03:57:30	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38864	No
46	GOM_TRA_1PNPDE20090806_040415_000000492081_00233_38864_9879.N1	06-AUG-2009 04:04:15	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38864	No
47	GOM_TRA_1PNPDE20090806_040601_000000512081_00233_38864_9880.N1	06-AUG-2009 04:06:01	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	38864	No
48	GOM_TRA_1PNPDE20090806_040826_000000452081_00233_38864_9881.N1	06-AUG-2009 04:08:26	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38864	No
49	GOM_TRA_1PNPDE20090806_041016_000000522081_00233_38864_9882.N1	06-AUG-2009 04:10:16	Bright	51.500	149	45Eps Per	2.8880	30000.	103	38864	No
50	GOM_TRA_1PNPDE20090806_041352_000000462081_00233_38864_9883.N1	06-AUG-2009 04:13:52	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38864	No
51	GOM_TRA_1PNPDE20090806_041846_000000672081_00233_38864_9884.N1	06-AUG-2009 04:18:46	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38864	No
52	GOM_TRA_1PNPDE20090806_042434_000000452081_00233_38864_9885.N1	06-AUG-2009 04:24:34	Dark	44.500	128	67Bet Eri	2.7840	9700.0	89	38864	No
53	GOM_TRA_1PNPDE20090806_043029_000000592081_00233_38864_9886.N1	06-AUG-2009 04:30:29	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38864	No
54	GOM_TRA_1PNPDE20090806_043951_000000492081_00234_38865_9887.N1	06-AUG-2009 04:39:51	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38865	No
55	GOM_TRA_1PNPDE20090806_045010_000000542081_00234_38865_9888.N1	06-AUG-2009 04:50:10	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38865	No
56	GOM_TRA_1PNPDE20090806_045354_000000472081_00234_38865_9889.N1	06-AUG-2009 04:53:54	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	38865	No
57	GOM_TRA_1PNPDE20090806_045842_000000592081_00234_38865_9890.N1	06-AUG-2009 04:58:42	Tw_i_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	38865	No
58	GOM_TRA_1PNPDE20090806_050518_000000482081_00234_38865_9891.N1	06-AUG-2009 05:05:18	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38865	No
59	GOM_TRA_1PNPDE20090806_050912_000000472081_00234_38865_9892.N1	06-AUG-2009 05:09:12	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	38865	No
60	GOM_TRA_1PNPDE20090806_052126_000000402081_00234_38865_9893.N1	06-AUG-2009 05:21:26	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38865	No
61	GOM_TRA_1PNPDE20090806_052436_000000402081_00234_38865_9894.N1	06-AUG-2009 05:24:36	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38865	No
62	GOM_TRA_1PNPDE20090806_053002_000000402081_00234_38865_9895.N1	06-AUG-2009 05:30:02	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38865	No
63	GOM_TRA_1PNPDE20090806_053600_000000482081_00234_38865_9896.N1	06-AUG-2009 05:36:00	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38865	No
64	GOM_TRA_1PNPDE20090806_053805_000000482081_00234_38865_9971.N1	06-AUG-2009 05:38:05	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38865	No
65	GOM_TRA_1PNPDE20090806_054451_000000512081_00234_38865_9972.N1	06-AUG-2009 05:44:51	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38865	No
66	GOM_TRA_1PNPDE20090806_054637_000000532081_00234_38865_9973.N1	06-AUG-2009 05:46:37	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38865	No
67	GOM_TRA_1PNPDE20090806_054902_000000442081_00234_38865_9974.N1	06-AUG-2009 05:49:02	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	38865	No
68	GOM_TRA_1PNPDE20090806_055052_000000492081_00234_38865_9975.N1	06-AUG-2009 05:50:52	Bright	49.000	149	45Eps Per	2.8880	30000.	98	38865	No
69	GOM_TRA_1PNPDE20090806_055428_000000482081_00234_38865_9976.N1	06-AUG-2009 05:54:28	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	38865	No

70	GOM_TRA_1PNPDE20090806_055922_000000542081_00234_38865_9977.N1	06-AUG-2009 05:59:22	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	38865	No
71	GOM_TRA_1PNPDE20090806_060511_000000472081_00234_38865_9978.N1	06-AUG-2009 06:05:11	Dark	47.000	128	67Bet Eri	2.7840	9700.0	94	38865	No
72	GOM_TRA_1PNPDE20090806_061107_000000602081_00234_38865_9979.N1	06-AUG-2009 06:11:07	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	38865	No
73	GOM_TRA_1PNPDE20090806_062029_000000492081_00235_38866_9980.N1	06-AUG-2009 06:20:29	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38866	No
74	GOM_TRA_1PNPDE20090806_063047_000000552081_00235_38866_9981.N1	06-AUG-2009 06:30:47	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38866	No
75	GOM_TRA_1PNPDE20090806_063430_000000592081_00235_38866_9982.N1	06-AUG-2009 06:34:30	Straylight	58.500	63	Bet Gru	2.1500	2800.0	117	38866	No
76	GOM_TRA_1PNPDE20090806_063918_000000592081_00235_38866_9983.N1	06-AUG-2009 06:39:18	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	38866	No
77	GOM_TRA_1PNPDE20090806_064554_000000482081_00235_38866_9984.N1	06-AUG-2009 06:45:54	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38866	No
78	GOM_TRA_1PNPDE20090806_064948_000000472081_00235_38866_9985.N1	06-AUG-2009 06:49:48	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38866	No
79	GOM_TRA_1PNPDE20090806_070201_000000422081_00235_38866_9986.N1	06-AUG-2009 07:02:01	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38866	No
80	GOM_TRA_1PNPDE20090806_070322_000000402081_00235_38866_9987.N1	06-AUG-2009 07:03:22	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	38866	No
81	GOM_TRA_1PNPDE20090806_070512_000000402081_00235_38866_9988.N1	06-AUG-2009 07:05:12	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38866	No
82	GOM_TRA_1PNPDE20090806_071038_000000392081_00235_38866_9989.N1	06-AUG-2009 07:10:38	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38866	No
83	GOM_TRA_1PNPDE20090806_071635_000000612081_00235_38866_9990.N1	06-AUG-2009 07:16:35	Bright	60.500	74	11Bet Cas	2.2680	6600.0	121	38866	No
84	GOM_TRA_1PNPDE20090806_071840_000000492081_00235_38866_9991.N1	06-AUG-2009 07:18:40	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38866	No
85	GOM_TRA_1PNPDE20090806_195922_000000582081_00243_38874_0231.N1	06-AUG-2009 19:59:22	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	38874	No
86	GOM_TRA_1PNPDE20090806_200410_000000612081_00243_38874_0232.N1	06-AUG-2009 20:04:10	Twilight	60.500	18	24Alp PsA	1.1660	9700.0	121	38874	No
87	GOM_TRA_1PNPDE20090806_201042_000000472081_00243_38874_0233.N1	06-AUG-2009 20:10:42	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38874	No
88	GOM_TRA_1PNPDE20090806_201434_000000492081_00243_38874_0234.N1	06-AUG-2009 20:14:34	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38874	No
89	GOM_TRA_1PNPDE20090806_202646_000000402081_00243_38874_0235.N1	06-AUG-2009 20:26:46	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38874	No
90	GOM_TRA_1PNPDE20090806_202808_000000572081_00243_38874_0236.N1	06-AUG-2009 20:28:08	Bright	57.000	66	37Gam Cyg	2.2080	5900.0	114	38874	No
91	GOM_TRA_1PNPDE20090806_202956_000000412081_00243_38874_0237.N1	06-AUG-2009 20:29:56	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38874	No
92	GOM_TRA_1PNPDE20090806_203522_000000402081_00243_38874_0238.N1	06-AUG-2009 20:35:22	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38874	No
93	GOM_TRA_1PNPDE20090806_204116_000000502081_00243_38874_0239.N1	06-AUG-2009 20:41:16	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38874	No
94	GOM_TRA_1PNPDE20090806_204322_000000482081_00243_38874_0240.N1	06-AUG-2009 20:43:22	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38874	No
95	GOM_TRA_1PNPDE20090806_205010_000000722081_00243_38874_0241.N1	06-AUG-2009 20:50:10	Bright	72.000	160	23Gam Per	2.9300	4700.0	144	38874	No
96	GOM_TRA_1PNPDE20090806_205157_000000542081_00243_38874_0242.N1	06-AUG-2009 20:51:57	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	38874	No
97	GOM_TRA_1PNPDE20090806_205425_000000452081_00243_38874_0243.N1	06-AUG-2009 20:54:25	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38874	No
98	GOM_TRA_1PNPDE20090806_205615_000000472081_00243_38874_0244.N1	06-AUG-2009 20:56:15	Bright	46.500	149	45Eps Per	2.8880	30000.	93	38874	No
99	GOM_TRA_1PNPDE20090806_205953_000000482081_00243_38874_0245.N1	06-AUG-2009 20:59:53	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	38874	No
100	GOM_TRA_1PNPDE20090806_210450_000000702081_00243_38874_0246.N1	06-AUG-2009 21:04:50	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	38874	No
101	GOM_TRA_1PNPDE20090806_210645_000000472081_00243_38874_0382.N1	06-AUG-2009 21:06:45	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38874	Yes
102	GOM_TRA_1PNPDE20090806_211039_000000472081_00243_38874_0383.N1	06-AUG-2009 21:10:39	Dark	47.000	128	67Bet Eri	2.7840	9700.0	94	38874	No
103	GOM_TRA_1PNPDE20090806_211641_000000592081_00243_38874_0384.N1	06-AUG-2009 21:16:41	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38874	No
104	GOM_TRA_1PNPDE20090806_212601_000000492081_00244_38875_0385.N1	06-AUG-2009 21:26:01	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38875	No
105	GOM_TRA_1PNPDE20090806_213620_000000532081_00244_38875_0386.N1	06-AUG-2009 21:36:20	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38875	No
106	GOM_TRA_1PNPDE20090806_213959_000000602081_00244_38875_0387.N1	06-AUG-2009 21:39:59	Straylight	59.500	63	Bet Gru	2.1500	2800.0	119	38875	No
107	GOM_TRA_1PNPDE20090806_214447_000000592081_00244_38875_0388.N1	06-AUG-2009 21:44:47	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	38875	No
108	GOM_TRA_1PNPDE20090806_215119_000000492081_00244_38875_0389.N1	06-AUG-2009 21:51:19	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	38875	No
109	GOM_TRA_1PNPDE20090806_215510_000000462081_00244_38875_0390.N1	06-AUG-2009 21:55:10	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	38875	No
110	GOM_TRA_1PNPDE20090806_220721_000000392081_00244_38875_0391.N1	06-AUG-2009 22:07:21	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38875	No
111	GOM_TRA_1PNPDE20090806_220843_000000392081_00244_38875_0392.N1	06-AUG-2009 22:08:43	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	38875	No
112	GOM_TRA_1PNPDE20090806_221032_000000402081_00244_38875_0393.N1	06-AUG-2009 22:10:32	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38875	No
113	GOM_TRA_1PNPDE20090806_221558_000000392081_00244_38875_0394.N1	06-AUG-2009 22:15:58	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38875	No
114	GOM_TRA_1PNPDE20090806_222151_000000492081_00244_38875_0395.N1	06-AUG-2009 22:21:51	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38875	No
115	GOM_TRA_1PNPDE20090806_222357_000000512081_00244_38875_0396.N1	06-AUG-2009 22:23:57	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38875	No
116	GOM_TRA_1PNPDE20090806_223045_000000532081_00244_38875_0397.N1	06-AUG-2009 22:30:45	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38875	No
117	GOM_TRA_1PNPDE20090806_223232_000000542081_00244_38875_0398.N1	06-AUG-2009 22:32:32	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38875	No
118	GOM_TRA_1PNPDE20090806_223501_000000482081_00244_38875_0399.N1	06-AUG-2009 22:35:01	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38875	No
119	GOM_TRA_1PNPDE20090806_223651_000000502081_00244_38875_0400.N1	06-AUG-2009 22:36:51	Bright	49.500	149	45Eps Per	2.8880	30000.	99	38875	No
120	GOM_TRA_1PNPDE20090806_224029_000000482081_00244_38875_0401.N1	06-AUG-2009 22:40:29	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	38875	No
121	GOM_TRA_1PNPDE20090806_224526_000000632081_00244_38875_0402.N1	06-AUG-2009 22:45:26	Dark	63.000	13	87Alp Tau	0.86700	3800.0	126	38875	No
122	GOM_TRA_1PNPDE20090806_224722_000000462081_00244_38875_0403.N1	06-AUG-2009 22:47:22	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	38875	No
123	GOM_TRA_1PNPDE20090806_225116_000000462081_00244_38875_0404.N1	06-AUG-2009 22:51:16	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38875	No
124	GOM_TRA_1PNPDE20090806_225718_000000612081_00244_38875_0532.N1	06-AUG-2009 22:57:18	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	38875	No
125	GOM_TRA_1PNPDE20090806_230639_000000482081_00245_38876_0533.N1	06-AUG-2009 23:06:39	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38876	No
126	GOM_TRA_1PNPDE20090806_231657_000000652081_00245_38876_0534.N1	06-AUG-2009 23:16:57	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	38876	No
127	GOM_TRA_1PNPDE20090806_232035_000000562081_00245_38876_0535.N1	06-AUG-2009 23:20:35	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	38876	No
128	GOM_TRA_1PNPDE20090806_232523_000000612081_00245_38876_0536.N1	06-AUG-2009 23:25:23	Twilight	61.000	18	24Alp PsA	1.1660	9700.0	122	38876	No

129	GOM_TRA_1PNPDE20090806_233154_000000482081_00245_38876_0537.N1	06-AUG-2009 23:31:54	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38876	No
130	GOM_TRA_1PNPDE20090806_233545_000000682081_00245_38876_0538.N1	06-AUG-2009 23:35:45	Bright	68.000	154	22Bet Aqr	2.8990	5700.0	136	38876	No
131	GOM_TRA_1PNPDE20090806_234757_000000442081_00245_38876_0539.N1	06-AUG-2009 23:47:57	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	38876	No
132	GOM_TRA_1PNPDE20090806_234919_000000392081_00245_38876_0540.N1	06-AUG-2009 23:49:19	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	38876	No
133	GOM_TRA_1PNPDE20090806_235107_000000382081_00245_38876_0541.N1	06-AUG-2009 23:51:07	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38876	No
134	GOM_TRA_1PNPDE20090806_235633_000000382081_00245_38876_0542.N1	06-AUG-2009 23:56:33	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38876	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).

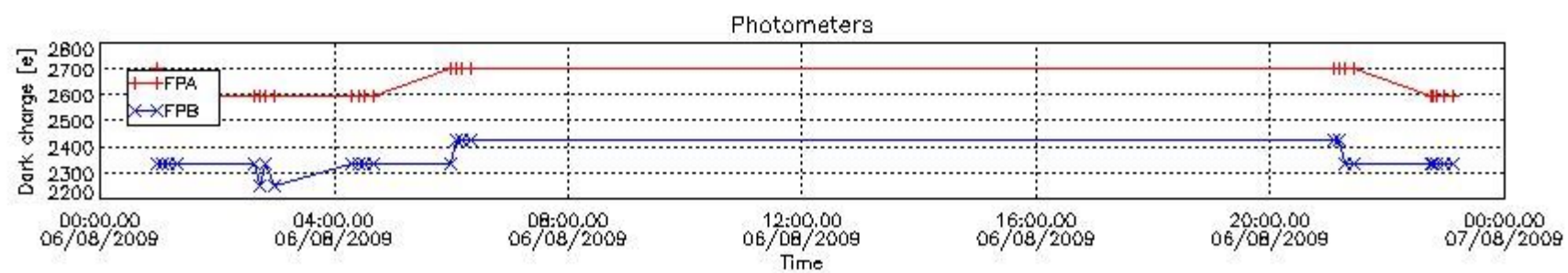
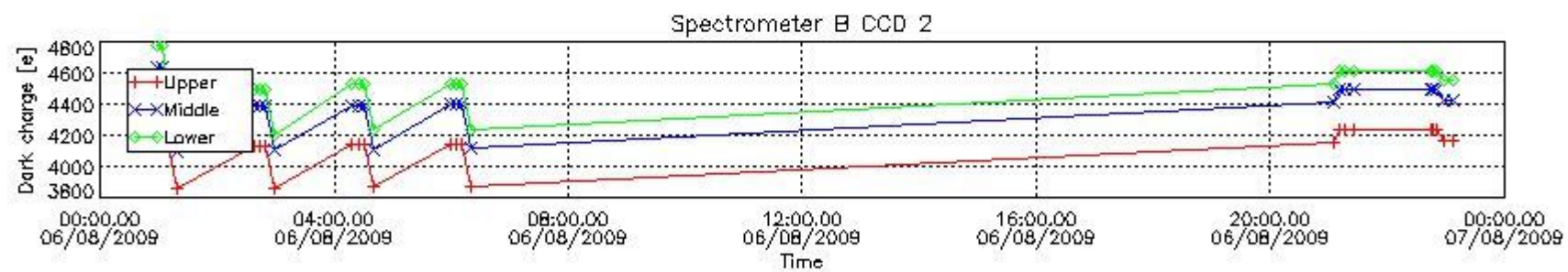
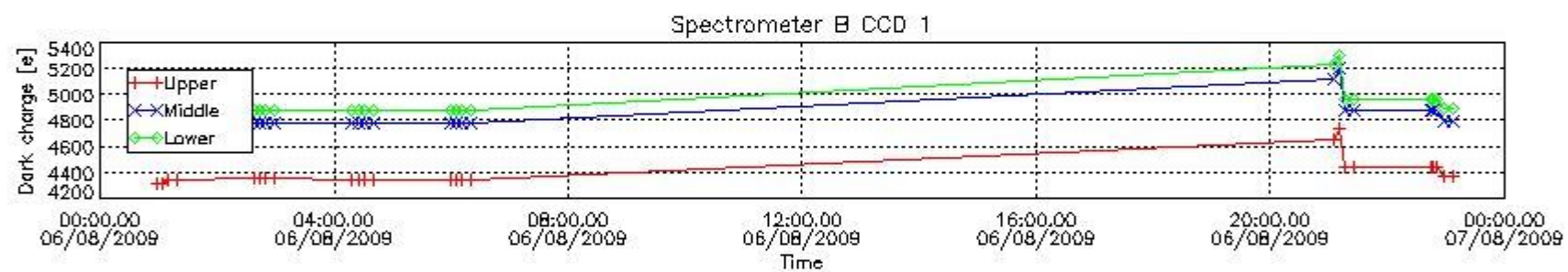
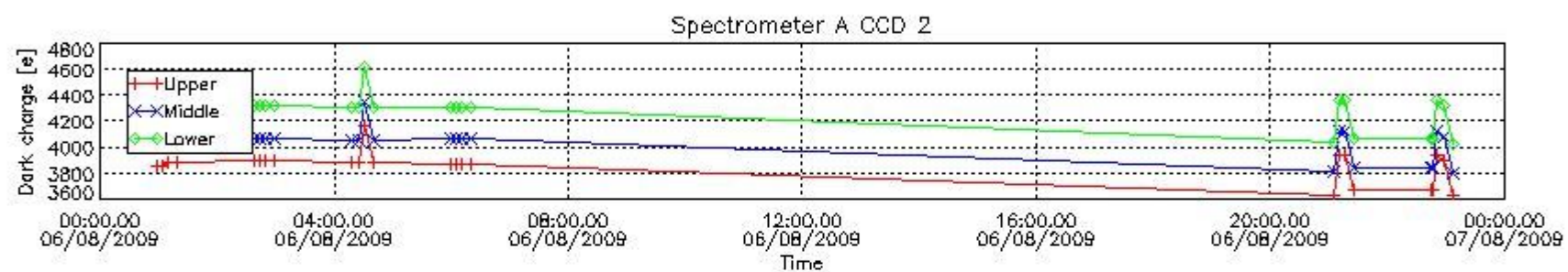
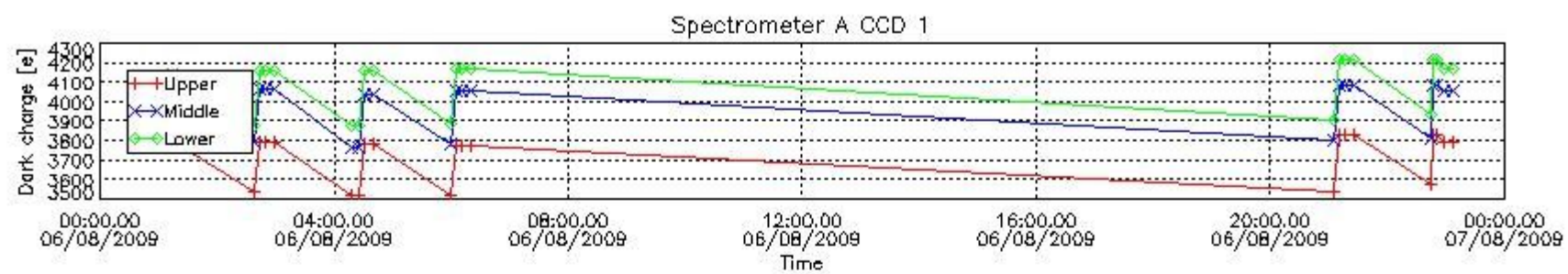
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20090806_195922_000000582081_00243_38874_0231.N1	DC map used
GOM_TRA_1PNPDE20090806_200410_000000612081_00243_38874_0232.N1	DC map used
GOM_TRA_1PNPDE20090806_201042_000000472081_00243_38874_0233.N1	DC map used
GOM_TRA_1PNPDE20090806_201434_000000492081_00243_38874_0234.N1	DC map used

GOM_TRA_1PNPDE20090806_202646_000000402081_00243_38874_0235.N1	DC map used
GOM_TRA_1PNPDE20090806_202808_000000572081_00243_38874_0236.N1	DC map used
GOM_TRA_1PNPDE20090806_202956_000000412081_00243_38874_0237.N1	DC map used
GOM_TRA_1PNPDE20090806_203522_000000402081_00243_38874_0238.N1	DC map used
GOM_TRA_1PNPDE20090806_204116_000000502081_00243_38874_0239.N1	DC map used
GOM_TRA_1PNPDE20090806_204322_000000482081_00243_38874_0240.N1	DC map used
GOM_TRA_1PNPDE20090806_205010_000000722081_00243_38874_0241.N1	DC map used
GOM_TRA_1PNPDE20090806_205157_000000542081_00243_38874_0242.N1	DC map used
GOM_TRA_1PNPDE20090806_205425_000000452081_00243_38874_0243.N1	DC map used
GOM_TRA_1PNPDE20090806_205615_000000472081_00243_38874_0244.N1	DC map used
GOM_TRA_1PNPDE20090806_205953_000000482081_00243_38874_0245.N1	DC map used
GOM_TRA_1PNPDE20090806_210450_000000702081_00243_38874_0246.N1	DC map used

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



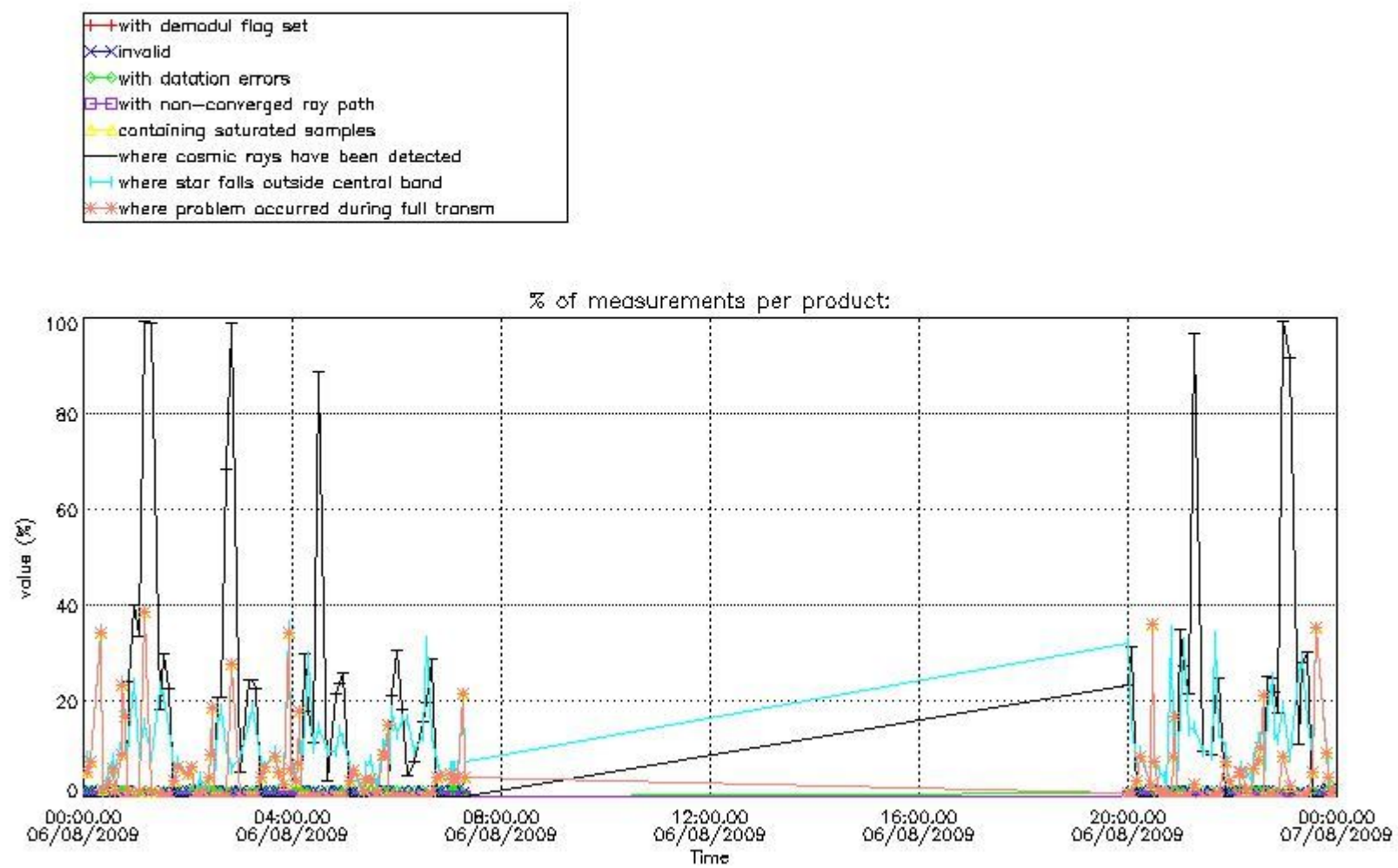
5. Demodulation flag and quality information monitoring

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.

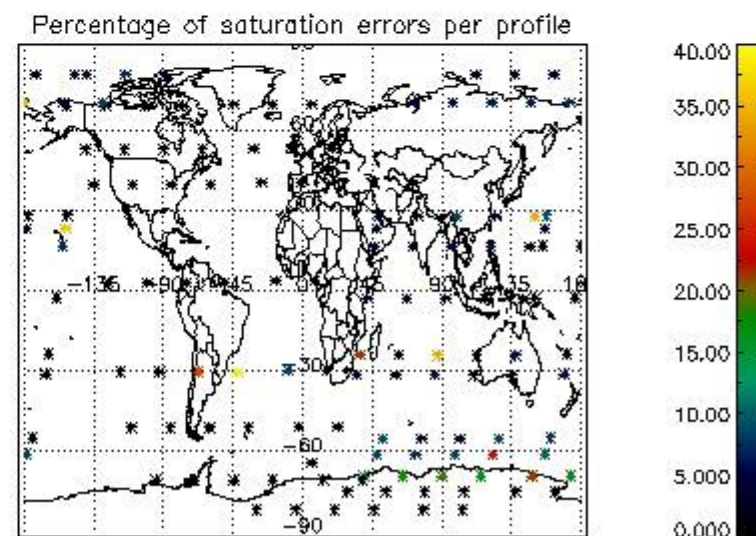
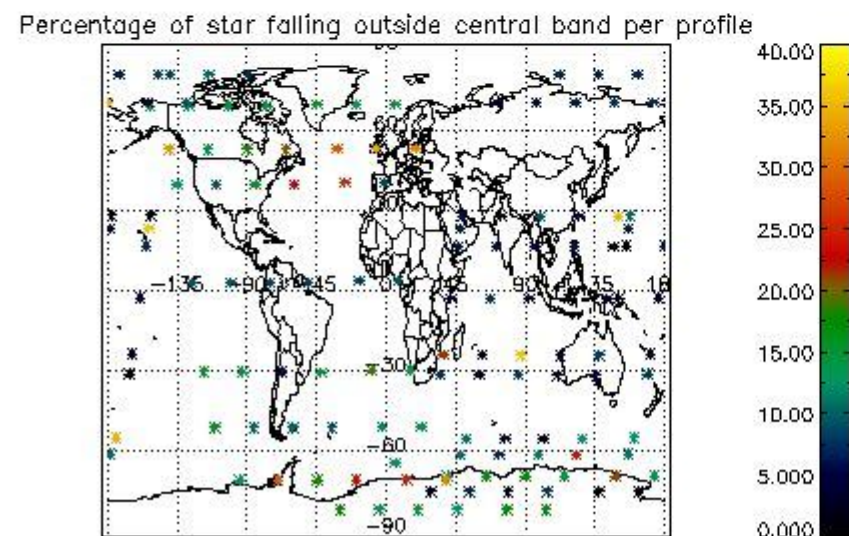
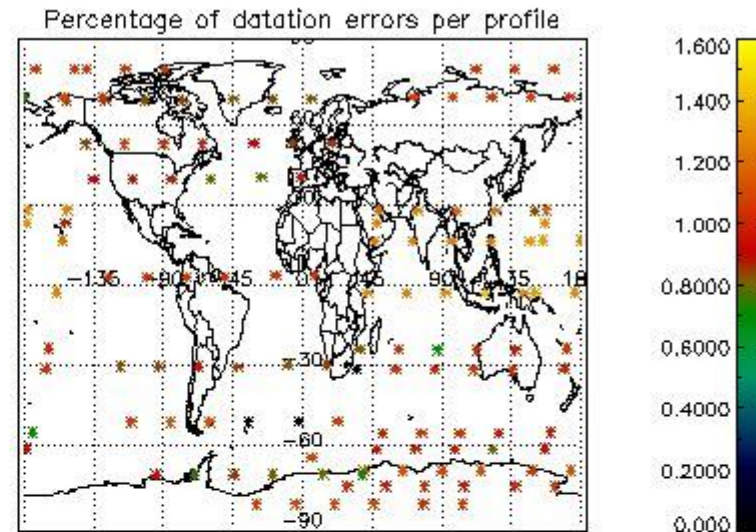
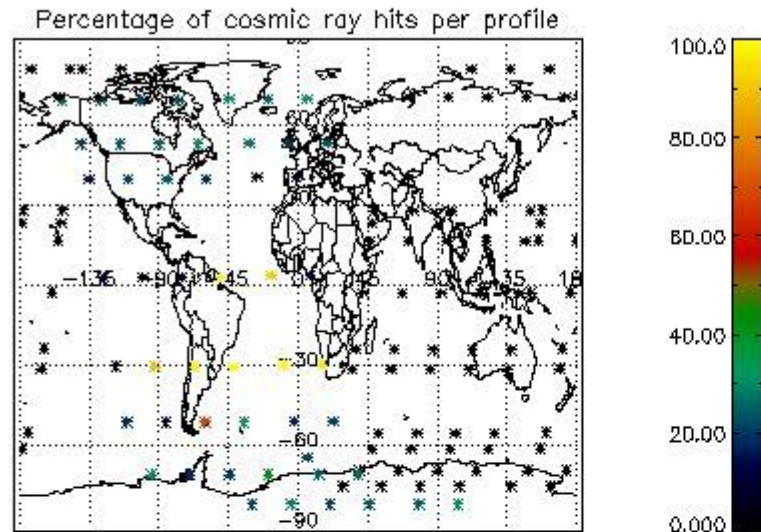
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	25.5639 %
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)



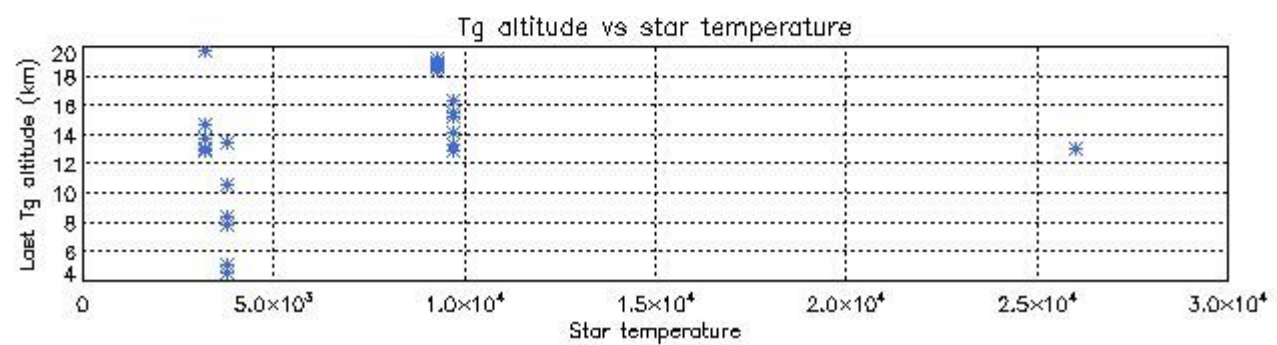
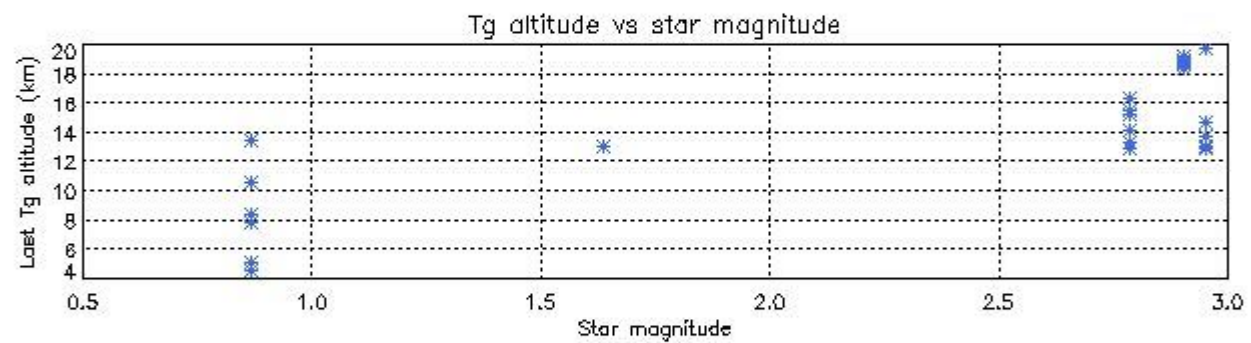
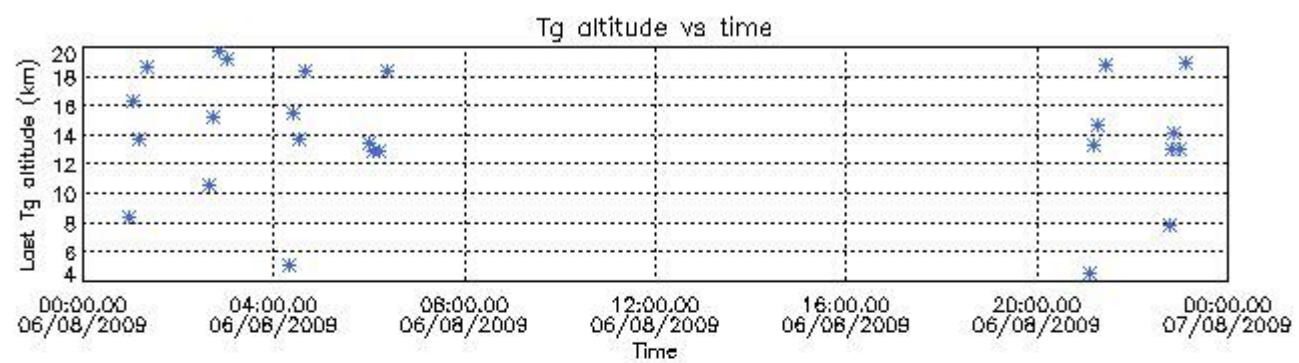
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.008	18.507	NaN
St. deviation:	4.2416	5.3623	NaN
Maximum:	19.694	32.201	NaN
Minimum:	4.5387	3.2511	NaN
Number of data:	25.000	88.000	NaN

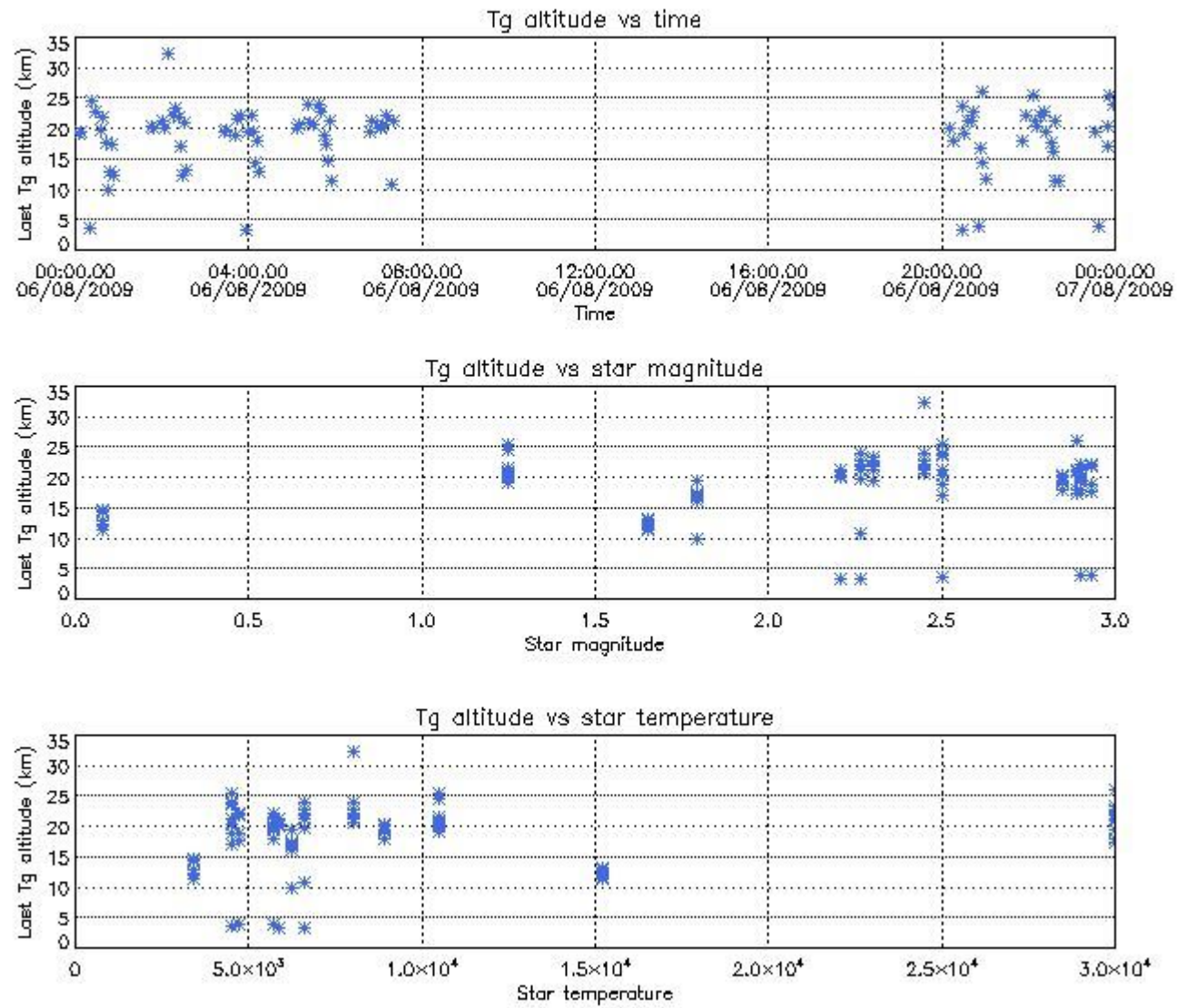
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

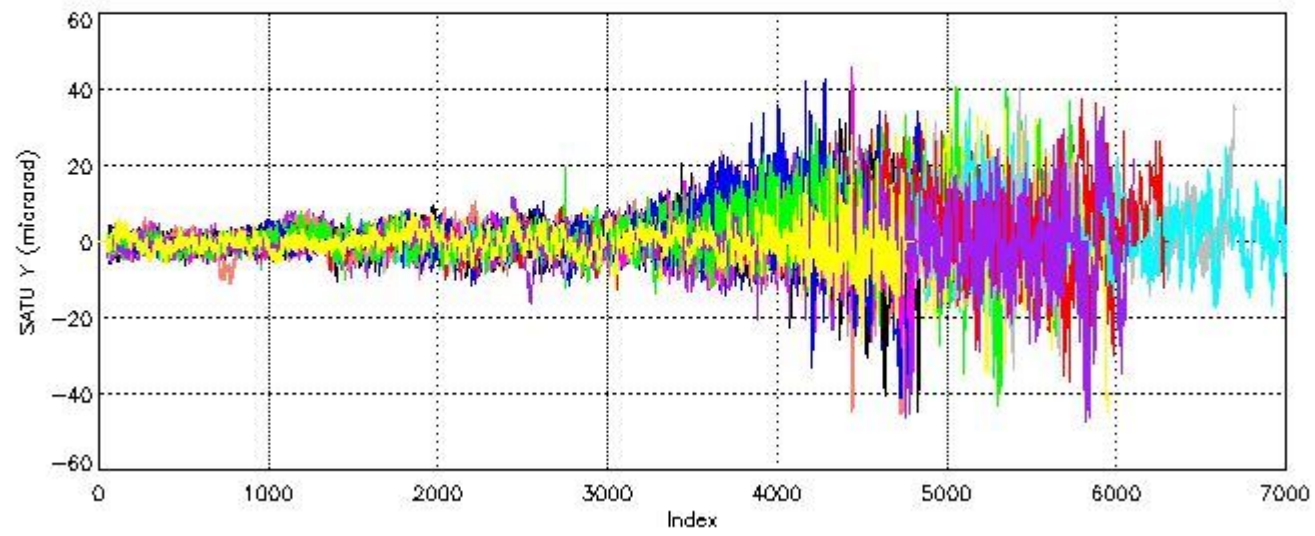
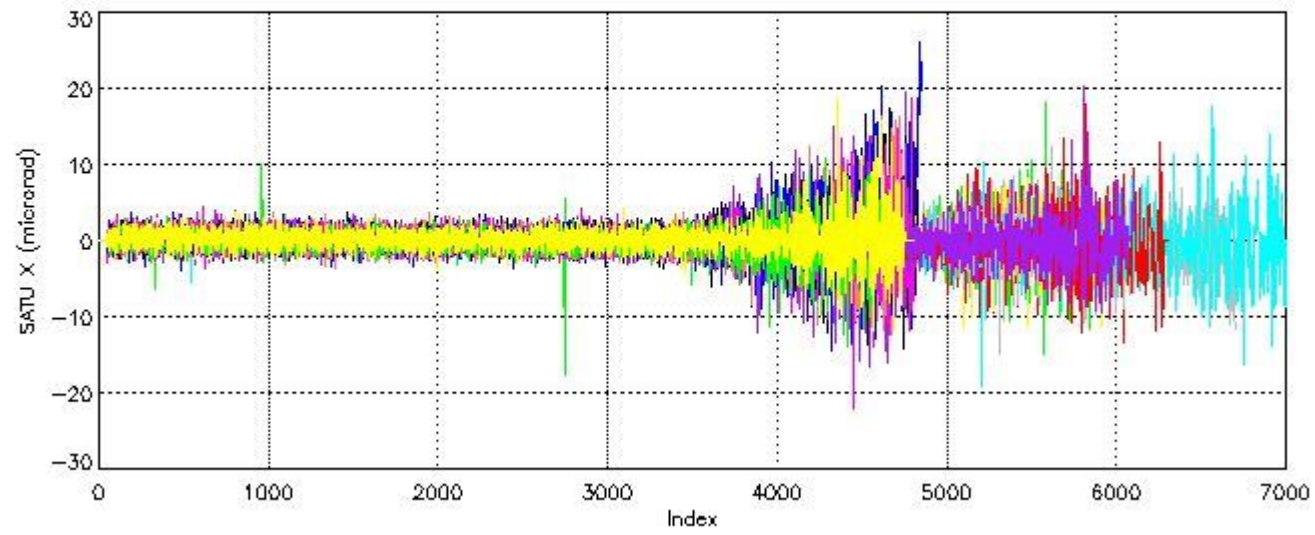


7. Star Acquisition and Tracking Unit (SATU)

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:	0.21968	-0.50675	0.23256	-0.49156
St. deviation:	0.60049	1.3778	0.74817	1.5633
Maximum:	9.9000	6.2000	6.7000	9.1000
Minimum:	-6.3000	-11.000	-6.3000	-9.5000

Number of data:	28350.	28350.	91350.	91350.
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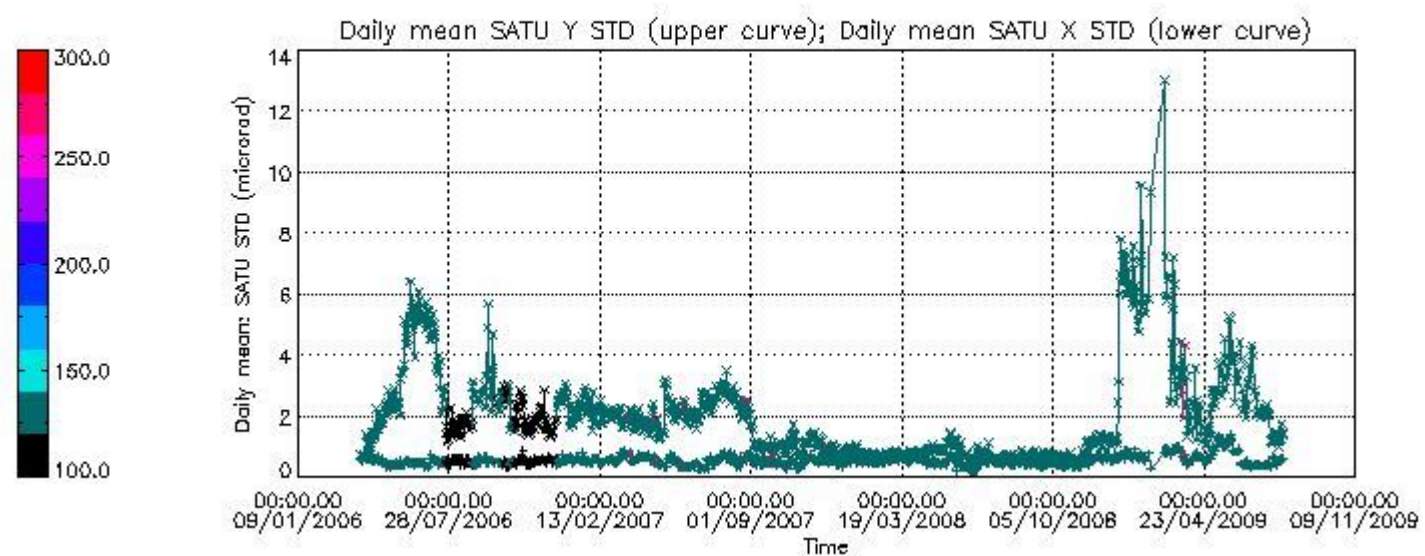
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

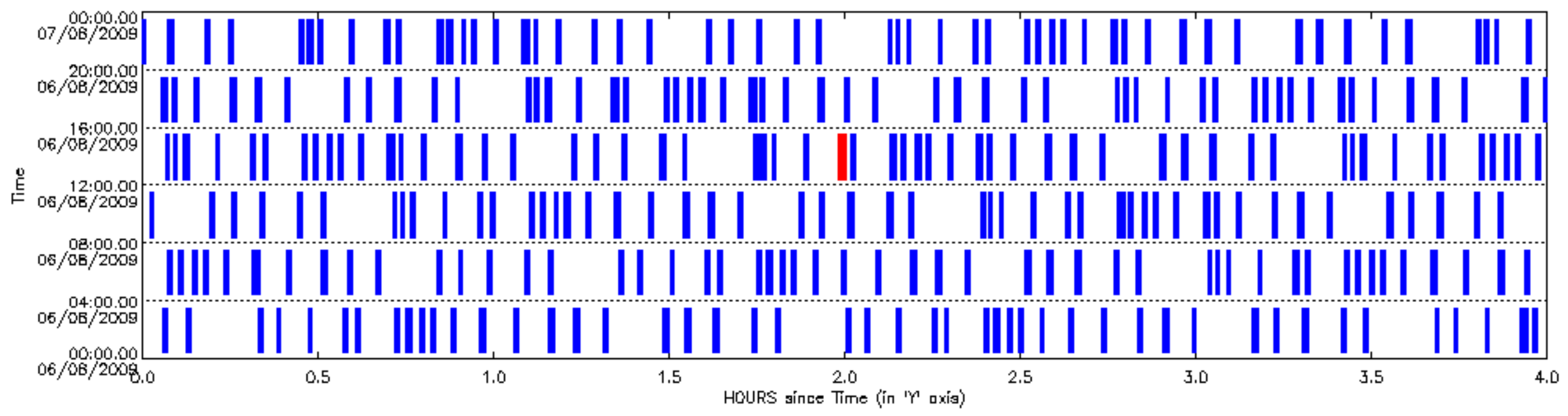
Lower curve: STD of SATU X axis

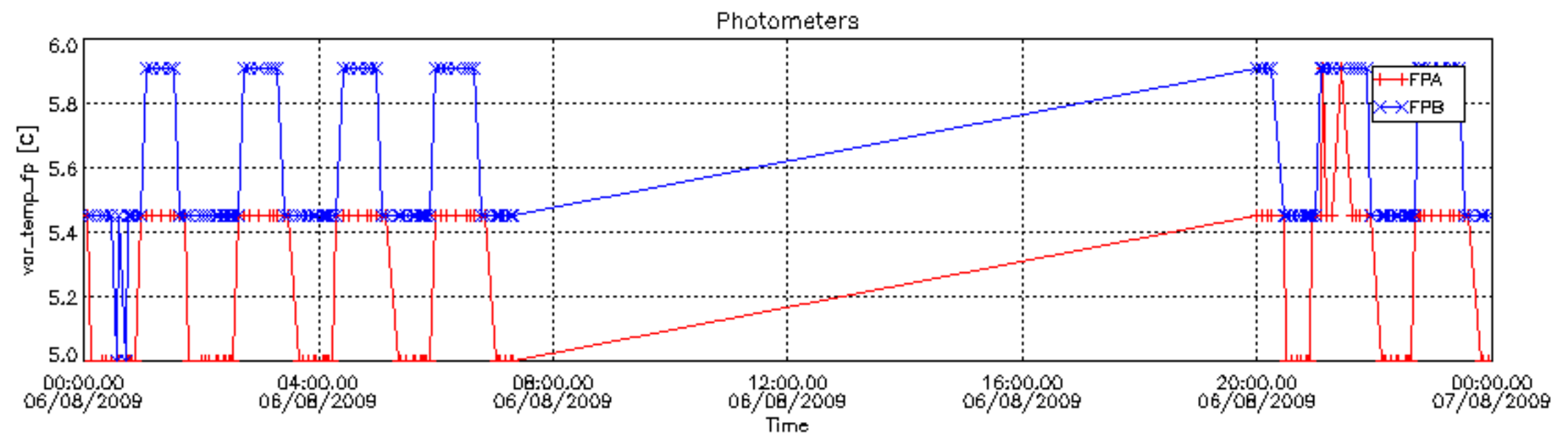
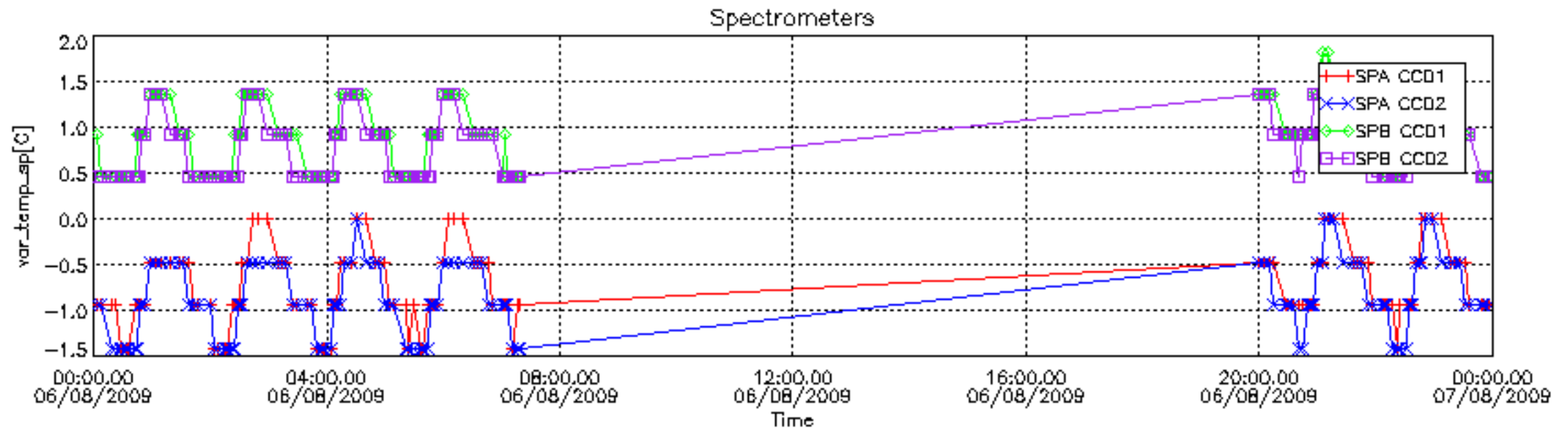


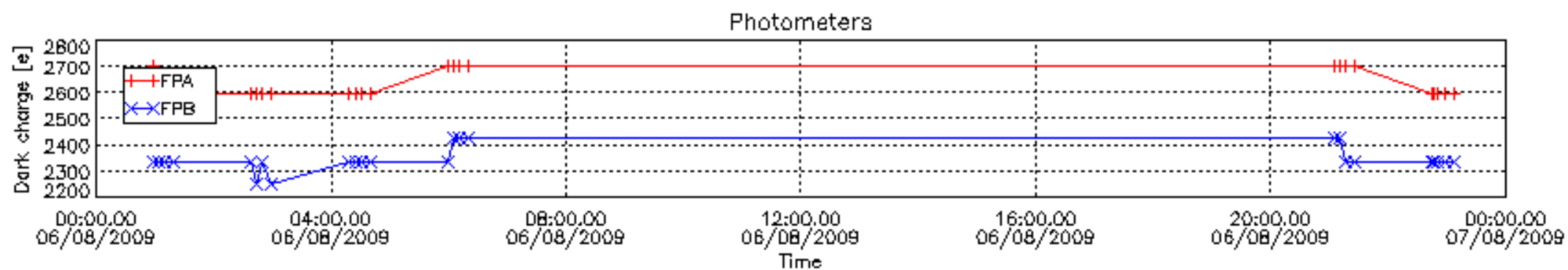
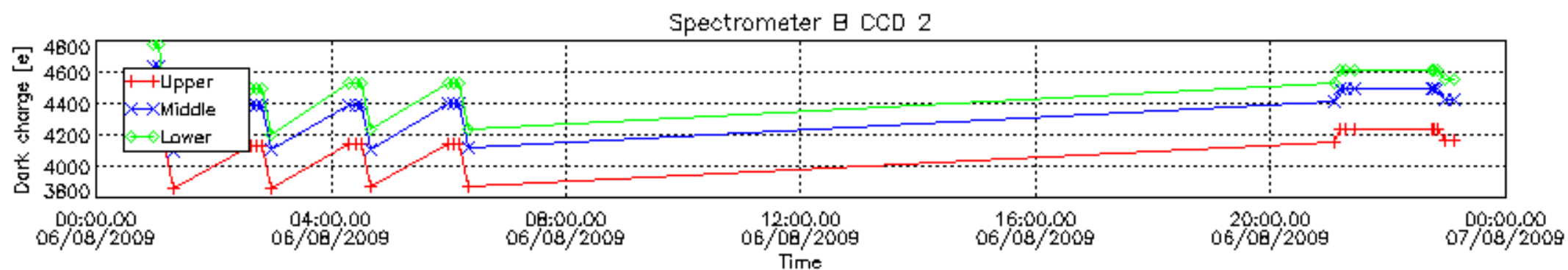
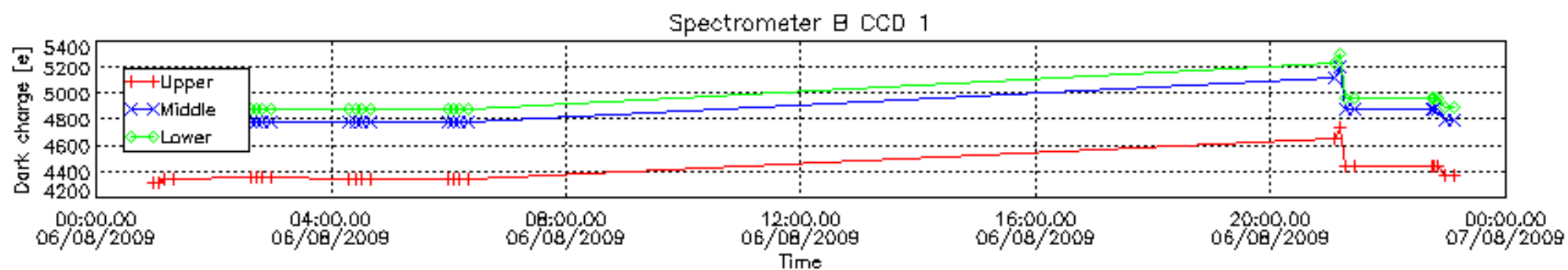
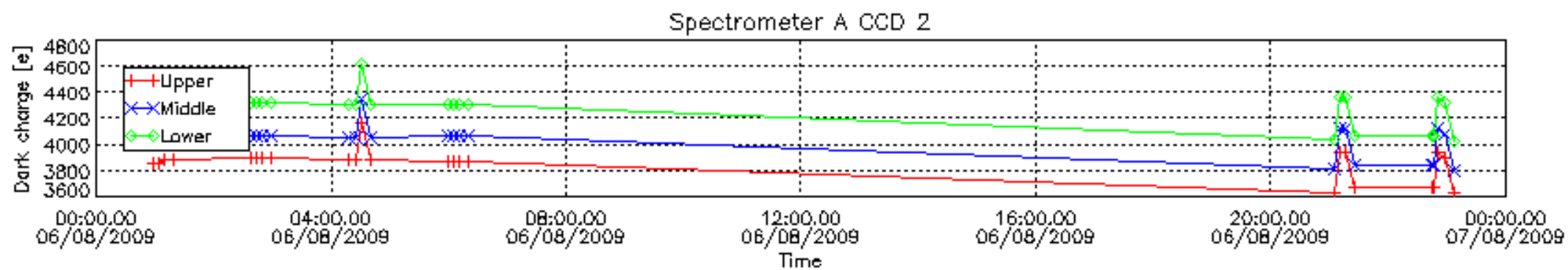
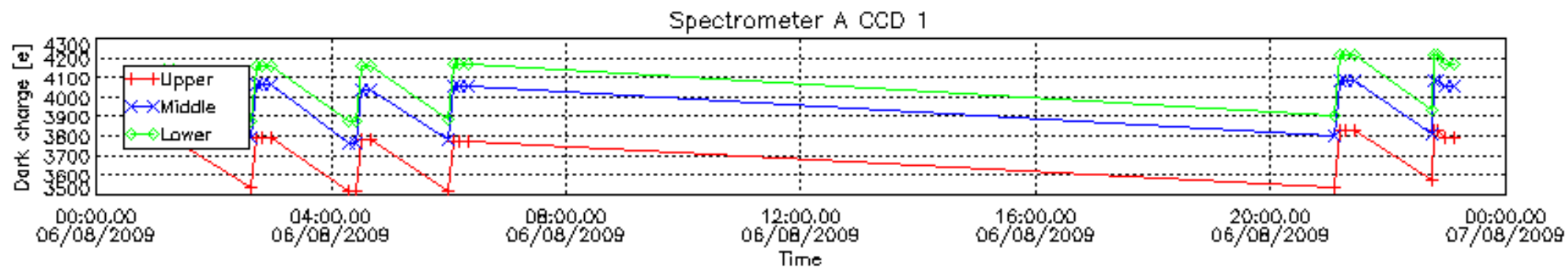
8. Auxiliary Data Files used for the production reported in section 2.4

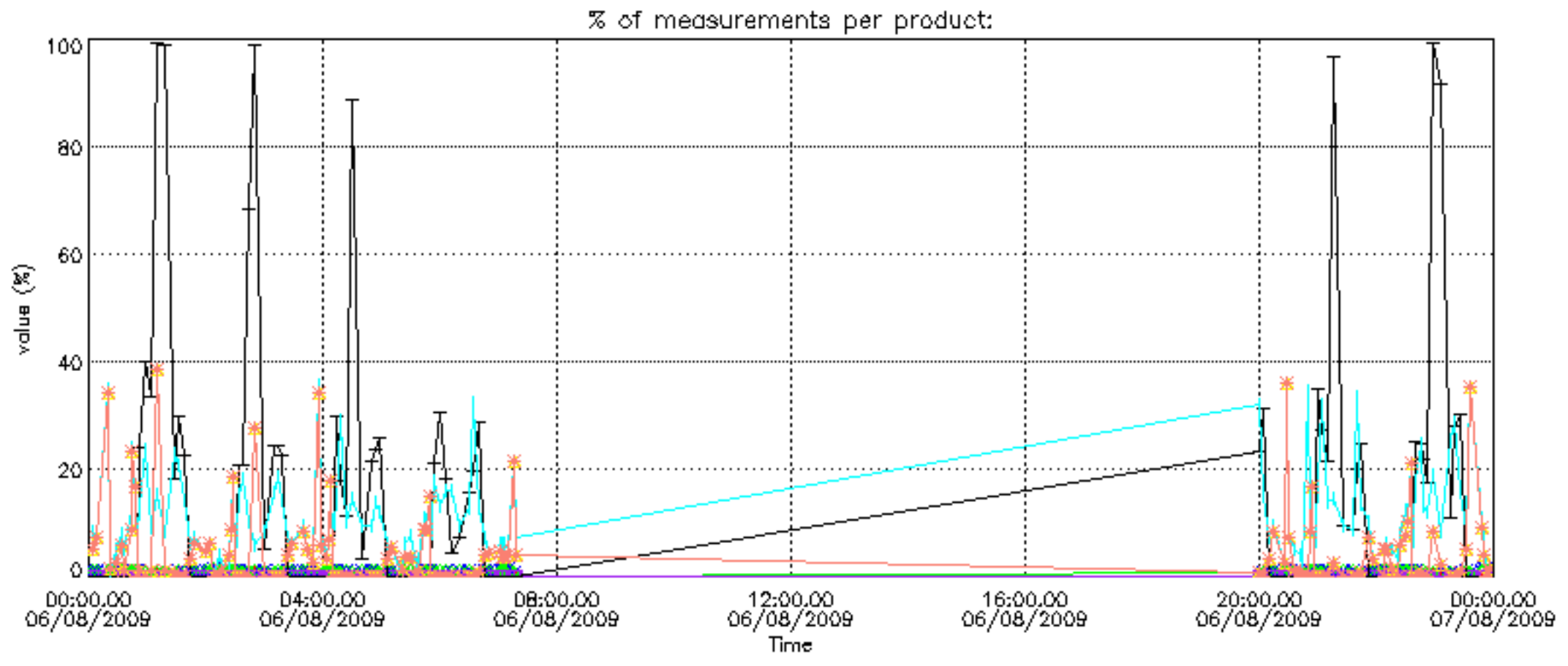
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	06-AUG-2009 00:03:30
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090730_093840_20090728_000000_20100101_000000	1	06-AUG-2009 00:03:30
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090806_083422_20090804_000000_20100101_000000	85	06-AUG-2009 19:59:22
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	06-AUG-2009 00:03:30
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	06-AUG-2009 00:03:30
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	06-AUG-2009 00:03:30
ECMWF_FILE	AUX_ECF_AXNECM20090805_090116_20090805_210000_20090806_090000	1	06-AUG-2009 00:03:30
ECMWF_FILE	AUX_ECF_AXNECM20090805_182112_20090806_030000_20090806_150000	45	06-AUG-2009 03:57:30
ECMWF_FILE	AUX_ECF_AXNECM20090806_064112_20090806_150000_20090807_030000	85	06-AUG-2009 19:59:22
ECMWF_FILE	AUX_ECF_AXNECM20090806_064113_20090806_210000_20090807_090000	101	06-AUG-2009 21:06:45
OPTIONAL_ECMWF_FILE	MISSING	1	06-AUG-2009 00:03:30
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ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090805_232318_000057382081_00230_38861_8496.N1	15	06-AUG-2009 01:09:15
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090806_010415_000044632081_00231_38862_8497.N1	28	06-AUG-2009 02:25:25
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090806_022357_000051012081_00232_38863_8498.N1	45	06-AUG-2009 03:57:30
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090806_035416_000057382081_00233_38864_8499.N1	64	06-AUG-2009 05:38:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090806_195557_000038252081_00243_38874_8501.N1	85	06-AUG-2009 19:59:22
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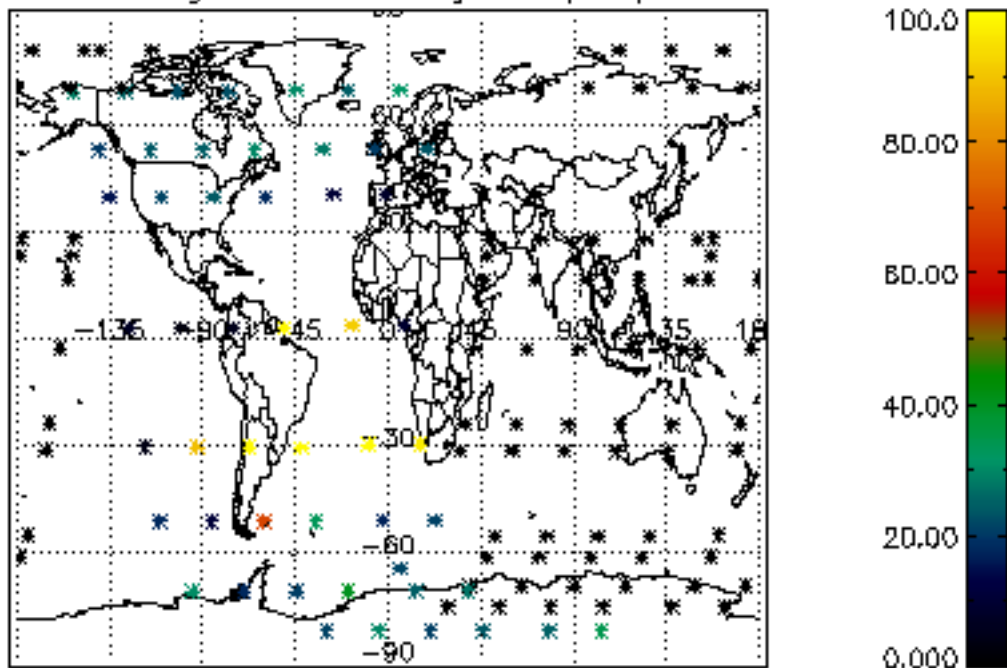




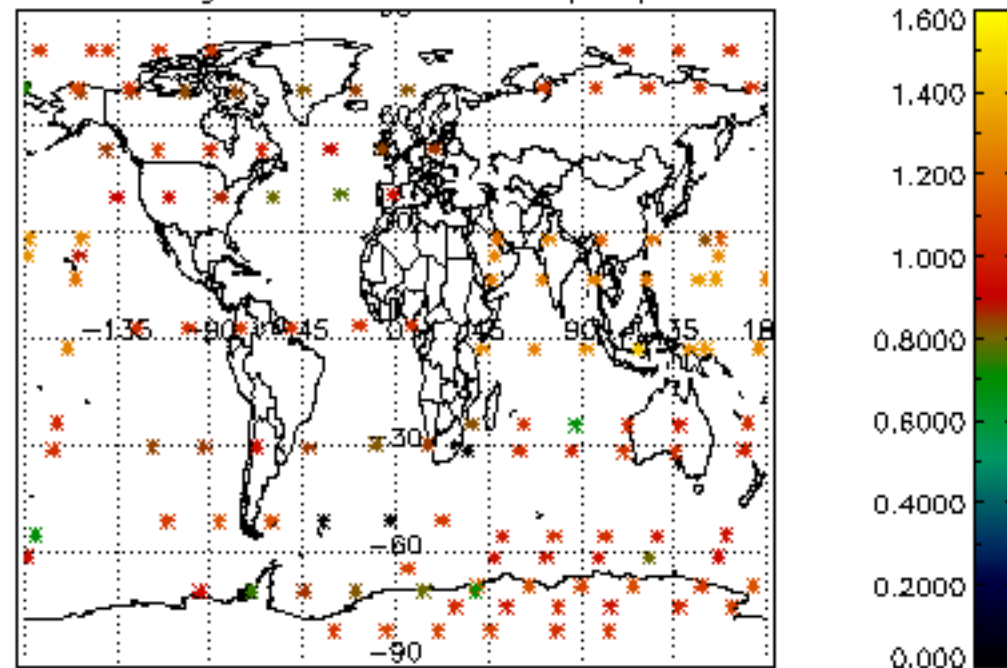




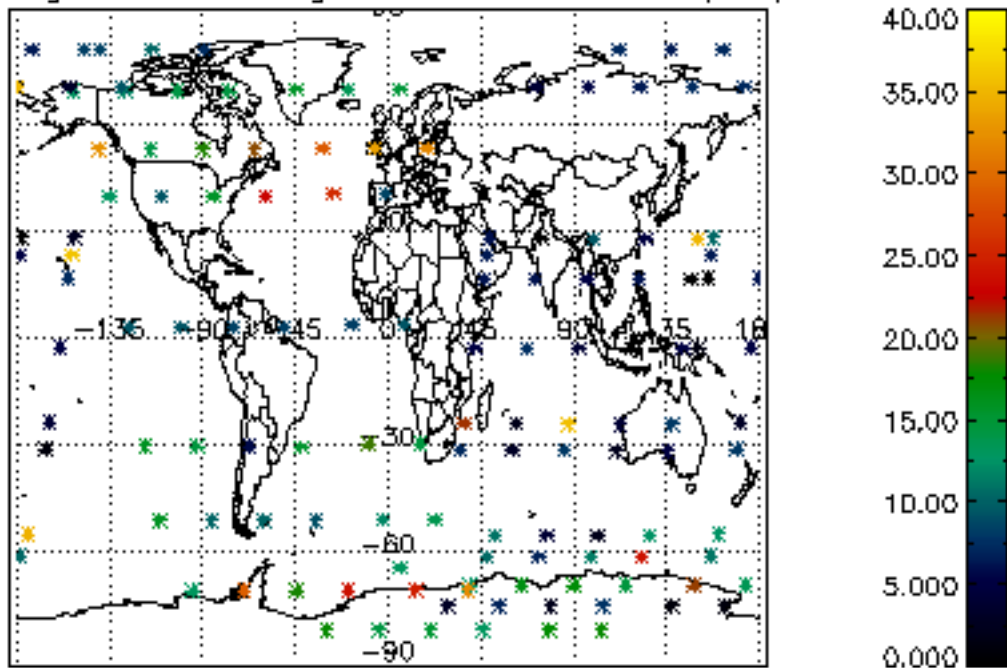
Percentage of cosmic ray hits per profile



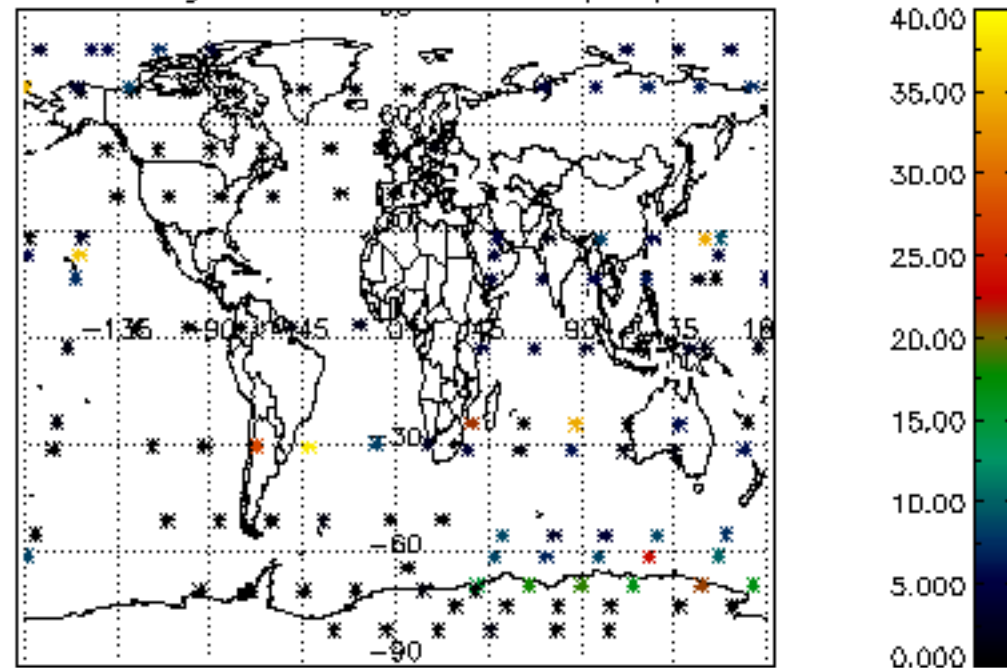
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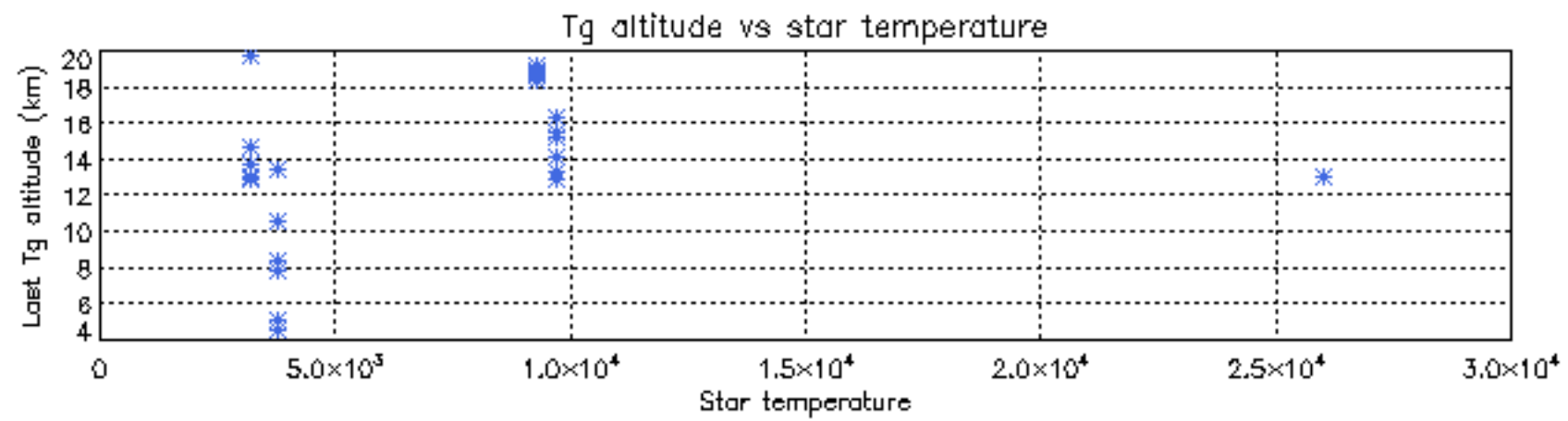
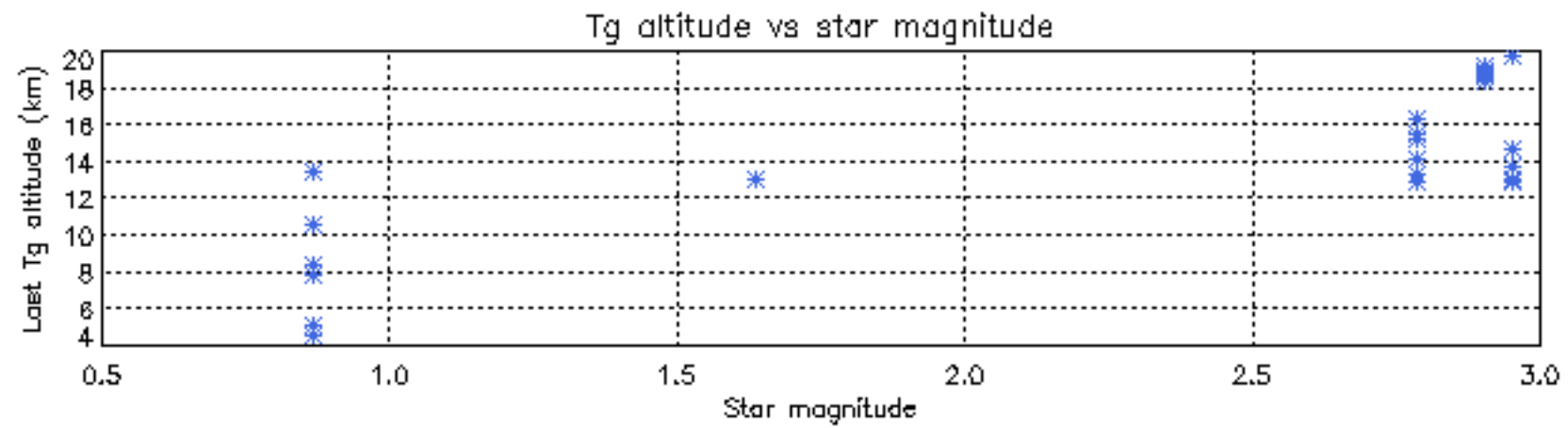
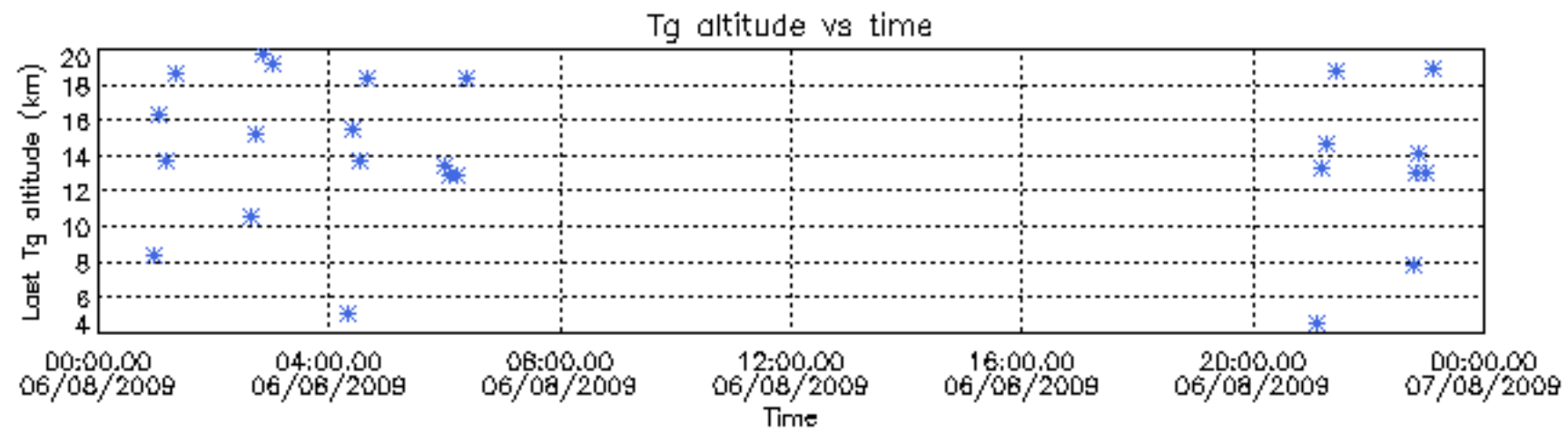
Percentage of star falling outside central band per profile



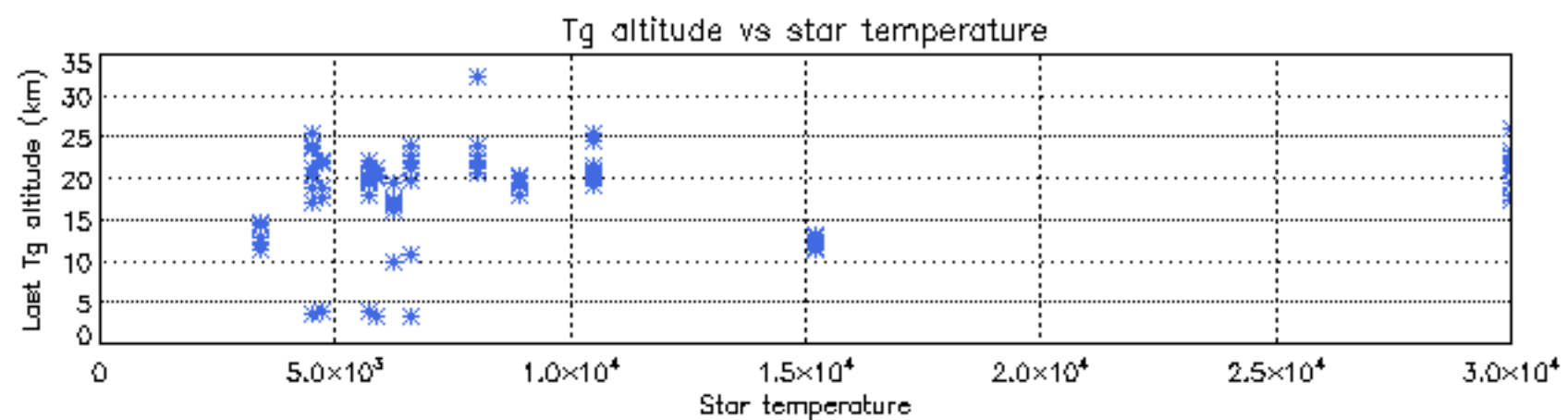
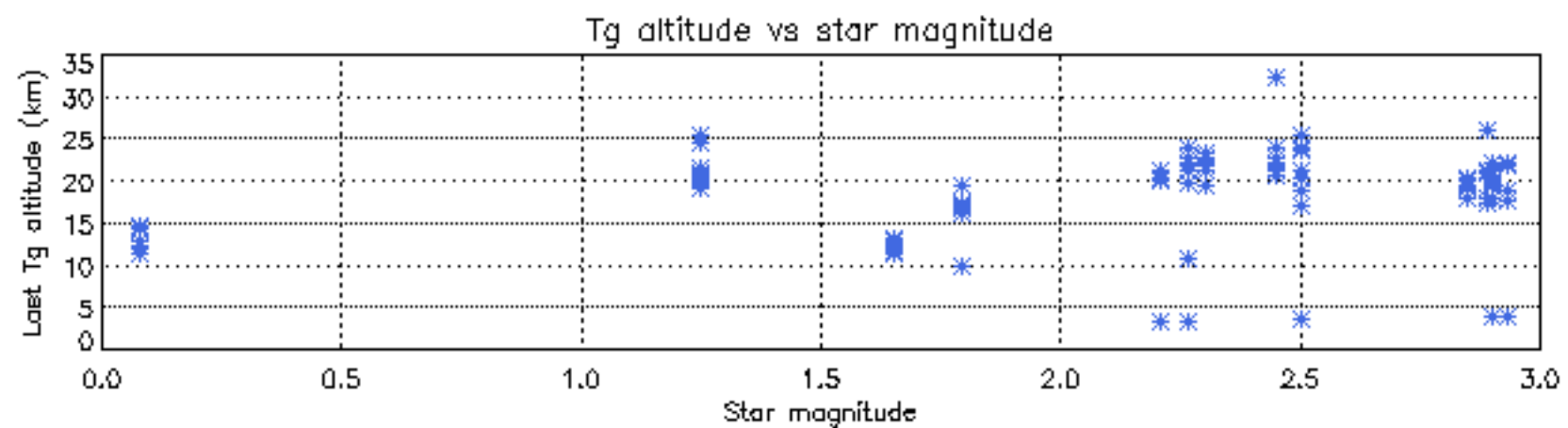
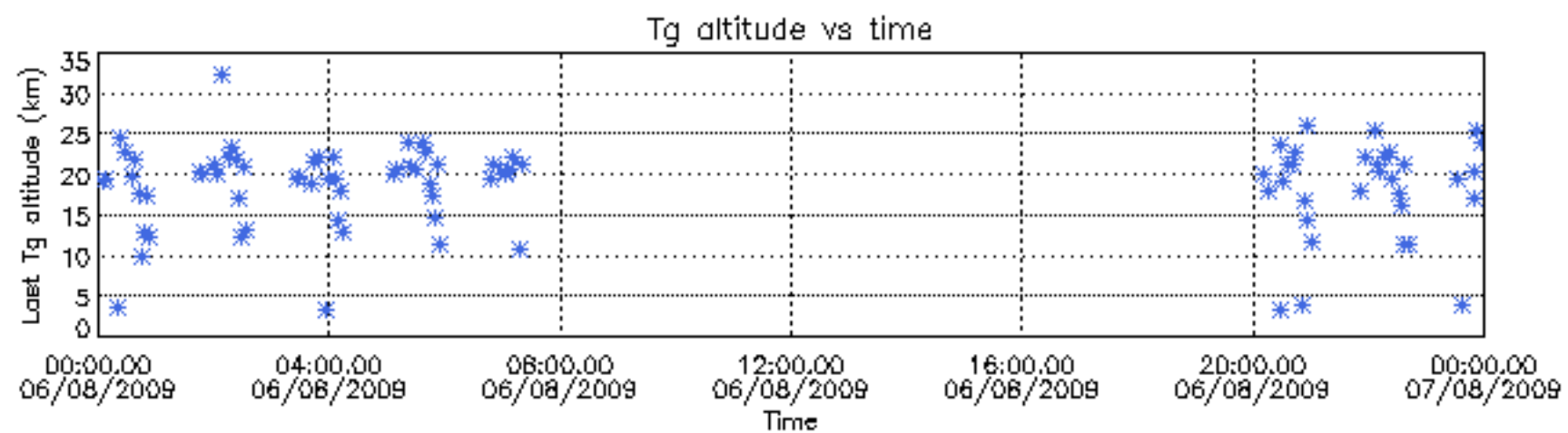
Percentage of saturation errors per profile

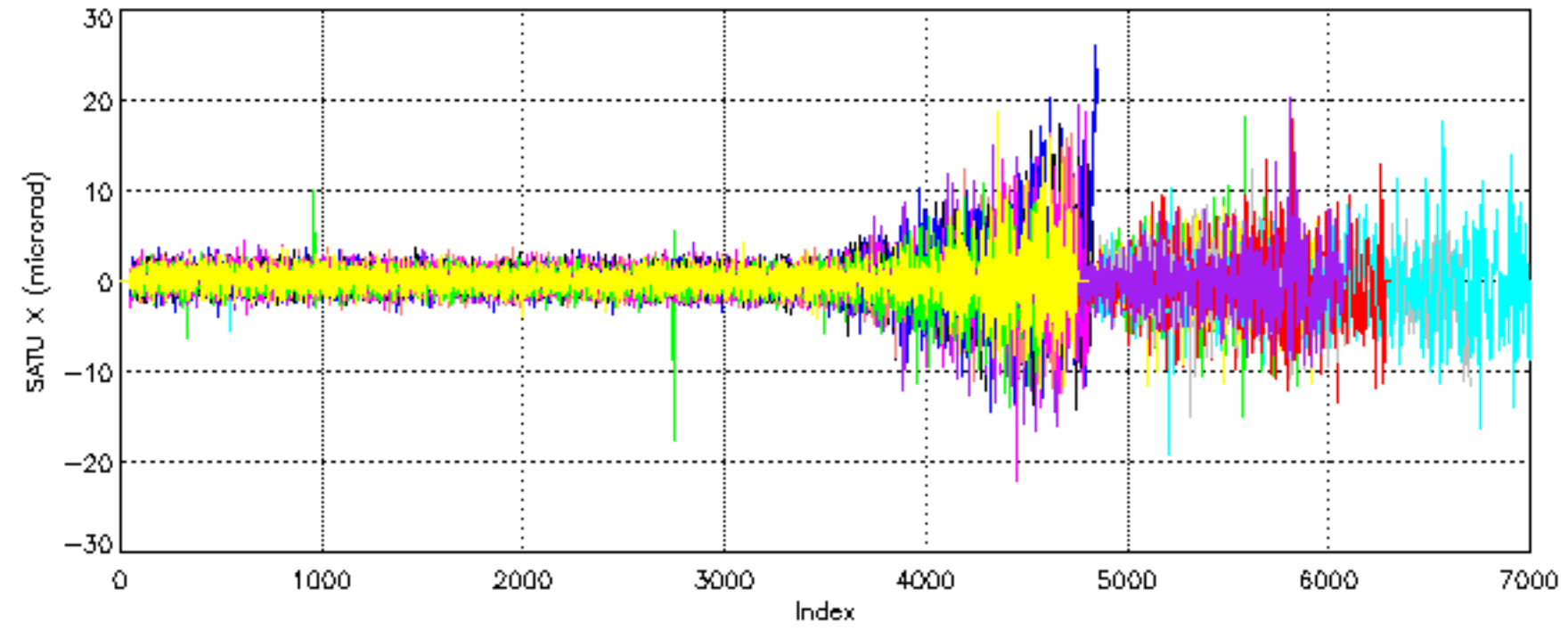


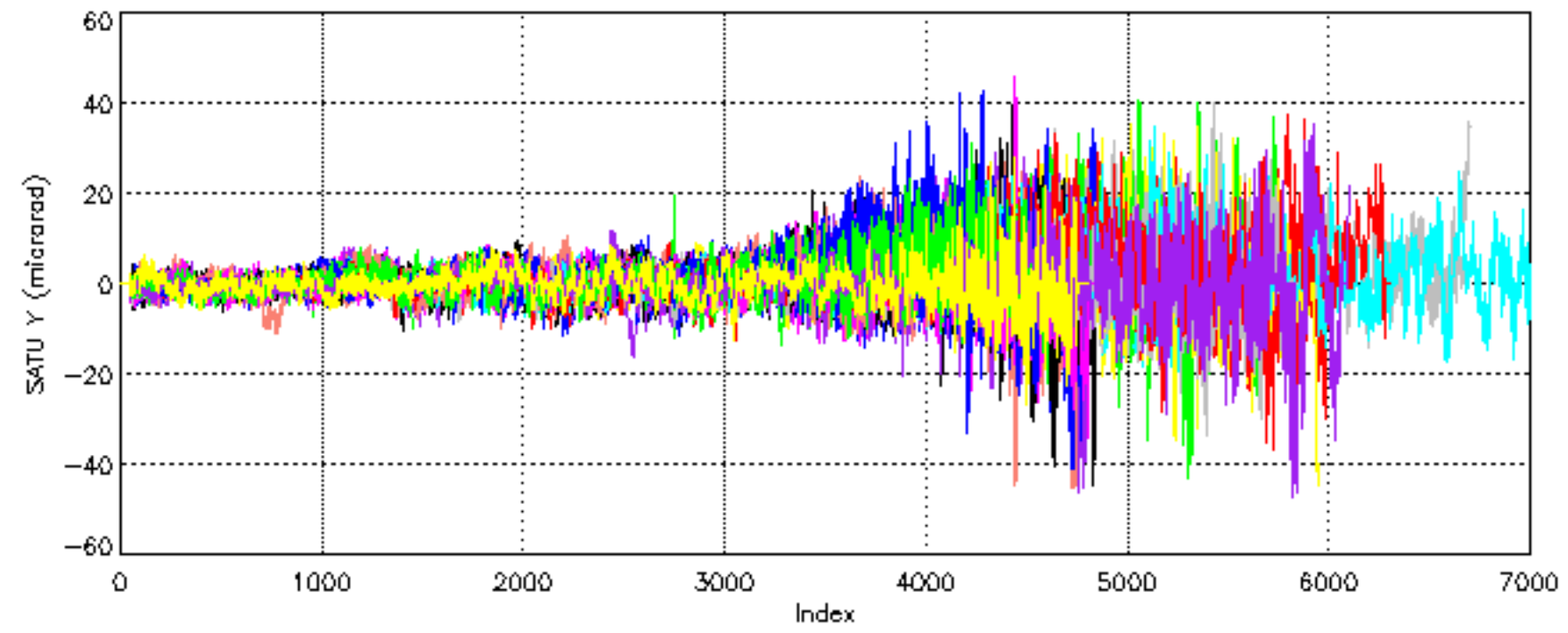
Tangent altitude at which the star is lost

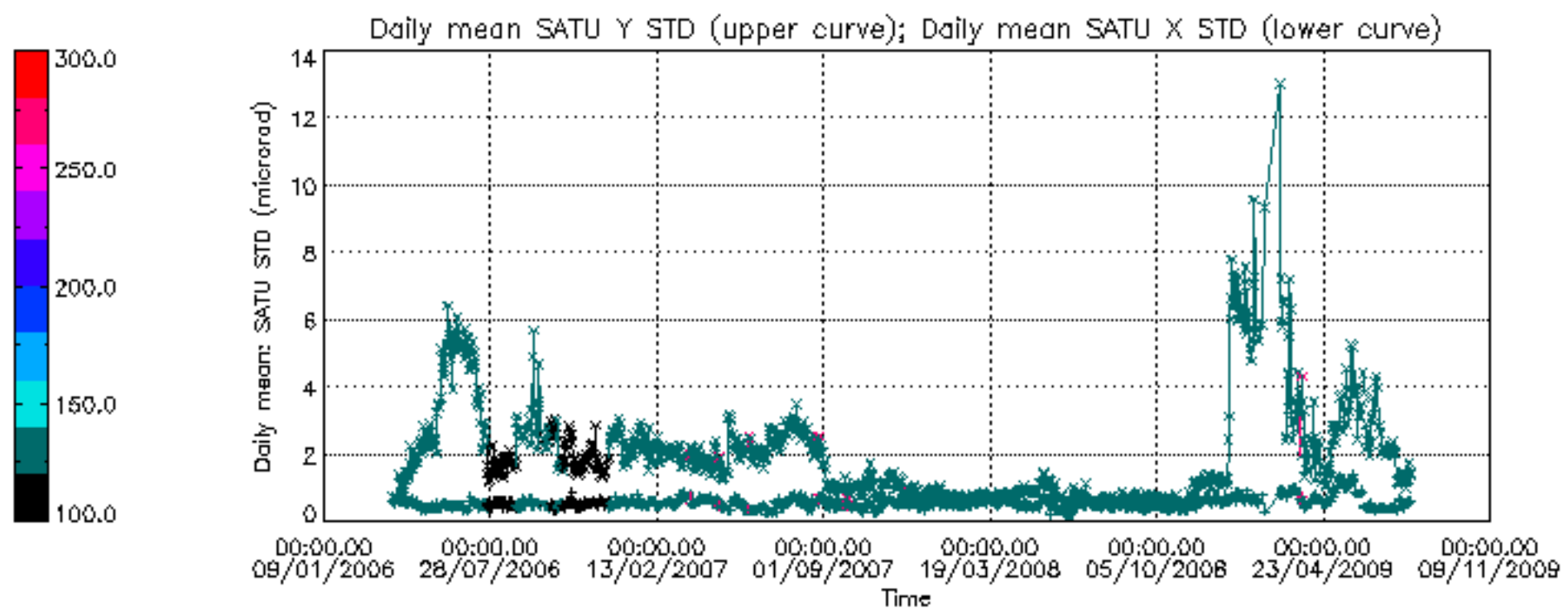


Tangent altitude at which the star is lost









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 2; -588.9; 01-AUG-2009 00:24:53; Dark ; 55.5; 165; 34Gam Eri ; 2.95; 3200;occ; 111; 0;38790
 3; -23.8; 01-AUG-2009 00:34:18; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;38790
 4; 593.0; 01-AUG-2009 00:44:35; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38791
 5; 919.4; 01-AUG-2009 00:50:01; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;38791
 6; 1107.9; 01-AUG-2009 00:53:10; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;38791
 7; 1570.1; 01-AUG-2009 01:00:52; Bright; 53.0; 142; 49Del Cap ; 2.85; 8900;occ; 106; 0;38791
 8; 1823.7; 01-AUG-2009 01:05:06; Bright; 54.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 108; 0;38791
 9; 2579.6; 01-AUG-2009 01:17:41; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;38791
 10; 2766.4; 01-AUG-2009 01:20:48; Bright; 61.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 122; 0;38791
 11; 3090.9; 01-AUG-2009 01:26:13; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;38791
 12; 3478.8; 01-AUG-2009 01:32:41; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38791
 13; 3596.5; 01-AUG-2009 01:34:38; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38791
 14; 3979.2; 01-AUG-2009 01:41:01; Bright; 46.5; 160; 23Gam Per ; 2.93; 4700;occ; 93; 0;38791
 15; 4078.5; 01-AUG-2009 01:42:40; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;38791
 16; 4315.6; 01-AUG-2009 01:46:37; Bright; 47.5; 149; 45Eps Per ; 2.89; 30000;occ; 95; 0;38791
 17; 4501.5; 01-AUG-2009 01:49:43; Dark ; 54.5; 150; 44Zet Per ; 2.89; 28000;occ; 109; 0;38791
 18; 4789.6; 01-AUG-2009 01:54:32; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38791

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 3; -22.9; 01-AUG-2009 02:14:55; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;38791
 4; 594.1; 01-AUG-2009 02:25:12; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;38792
 5; 919.9; 01-AUG-2009 02:30:38; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;38792
 6; 1108.3; 01-AUG-2009 02:33:46; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;38792
 7; 1570.1; 01-AUG-2009 02:41:28; Bright; 51.0; 142; 49Del Cap ; 2.85; 8900;occ; 102; 0;38792
 8; 1823.6; 01-AUG-2009 02:45:41; Bright; 53.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 106; 0;38792
 9; 2579.1; 01-AUG-2009 02:58:17; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;38792
 10; 2765.9; 01-AUG-2009 03:01:24; Bright; 42.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 85; 0;38792
 11; 3090.6; 01-AUG-2009 03:06:48; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38792
 12; 3478.4; 01-AUG-2009 03:13:16; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38792
 13; 3595.8; 01-AUG-2009 03:15:14; Bright; 5.0; 76; 27Gam Cas ; 2.30; 30000;occ; 10; 0;38792

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 3; -1957.7; 01-AUG-2009 03:23:16; Bright; 61.0; 35; 33Alp Per ; 1.79; 6250;occ; 122; 0;38792
 4; -1720.3; 01-AUG-2009 03:27:13; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;38792
 5; -1534.4; 01-AUG-2009 03:30:19; Dark ; 55.0; 150; 44Zet Per ; 2.89; 28000;occ; 110; 0;38792
 6; -1245.8; 01-AUG-2009 03:35:08; Dark ; 44.0; 13; 87Alp Tau ; 0.87; 3800;occ; 88; 0;38792
 7; -1085.9; 01-AUG-2009 03:37:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38792
 8; -587.1; 01-AUG-2009 03:46:07; Dark ; 57.0; 165; 34Gam Eri ; 2.95; 3200;occ; 114; 0;38792
 9; -21.8; 01-AUG-2009 03:55:32; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;38792
 10; 595.3; 01-AUG-2009 04:05:49; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;38793
 11; 920.5; 01-AUG-2009 04:11:14; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;38793
 12; 1109.0; 01-AUG-2009 04:14:23; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;38793
 13; 1570.6; 01-AUG-2009 04:22:04; Bright; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;38793
 14; 1823.3; 01-AUG-2009 04:26:17; Bright; 52.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 105; 0;38793
 15; 2578.6; 01-AUG-2009 04:38:52; Bright; 43.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 87; 0;38793
 16; 2765.5; 01-AUG-2009 04:41:59; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;38793
 17; 3090.1; 01-AUG-2009 04:47:24; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38793
 18; 3477.5; 01-AUG-2009 04:53:51; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38793
 19; 3595.3; 01-AUG-2009 04:55:49; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38793

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 3; -1720.3; 01-AUG-2009 05:07:49; Bright; 45.0; 149; 45Eps Per ; 2.89; 30000;occ; 90; 0;38793
 4; -1534.2; 01-AUG-2009 05:10:56; Dark ; 53.5; 150; 44Zet Per ; 2.89; 28000;occ; 107; 0;38793
 5; -1245.3; 01-AUG-2009 05:15:45; Dark ; 54.5; 13; 87Alp Tau ; 0.87; 3800;occ; 109; 0;38793
 6; -1085.4; 01-AUG-2009 05:18:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38793
 7; -586.0; 01-AUG-2009 05:26:44; Dark ; 54.0; 165; 34Gam Eri ; 2.95; 3200;occ; 108; 0;38793
 8; -20.9; 01-AUG-2009 05:36:09; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;38793
 9; 596.4; 01-AUG-2009 05:46:26; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;38794
 10; 921.2; 01-AUG-2009 05:51:51; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;38794
 11; 1109.5; 01-AUG-2009 05:54:59; Dark ; 45.0; 172; Gam Gru ; 3.00; 13100;occ; 90; 0;38794
 12; 1570.5; 01-AUG-2009 06:02:40; Bright; 53.5; 142; 49Del Cap ; 2.85; 8900;occ; 107; 0;38794
 13; 1823.1; 01-AUG-2009 06:06:53; Bright; 53.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 106; 0;38794
 14; 2578.0; 01-AUG-2009 06:19:28; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;38794


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15; 2765.1; 01-AUG-2009 06:22:35; Bright; 61.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 122; 0;38794
16; 3089.9; 01-AUG-2009 06:28:00; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;38794
17; 3476.7; 01-AUG-2009 06:34:27; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38794
18; 3594.7; 01-AUG-2009 06:36:24; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38794
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 2; 1571.3; 01-AUG-2009 21:08:05; Bright; 52.5; 142; 49Del Cap ; 2.85; 8900;occ; 105; 0;38803
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 4; 2573.2; 01-AUG-2009 21:24:46; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;38803
 5; 2760.7; 01-AUG-2009 21:27:54; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;38803
 6; 3086.0; 01-AUG-2009 21:33:19; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38803
 7; 3469.2; 01-AUG-2009 21:39:43; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38803
 8; 3588.3; 01-AUG-2009 21:41:42; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38803
 9; 3974.8; 01-AUG-2009 21:48:08; Bright; 48.0; 160; 23Gam Per ; 2.93; 4700;occ; 96; 0;38803
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12; 4503.1; 01-AUG-2009 21:56:56; Dark ; 55.5; 150; 44Zet Per ; 2.89; 28000;occ; 111; 0;38803
13; 4698.7; 01-AUG-2009 22:00:12; Dark ; 59.5; 146; 25Eta Tau ; 2.87; 15200;occ; 119; 0;38803
14; 4794.5; 01-AUG-2009 22:01:48; Dark ; 57.5; 13; 87Alp Tau ; 0.87; 3800;occ; 115; 0;38803
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 5; 927.5; 01-AUG-2009 22:37:57; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;38804
 6; 1114.2; 01-AUG-2009 22:41:03; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;38804
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 8; 1821.1; 01-AUG-2009 22:52:50; Bright; 52.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 105; 0;38804
 9; 2572.8; 01-AUG-2009 23:05:22; Bright; 47.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 95; 0;38804
10; 2760.2; 01-AUG-2009 23:08:29; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;38804
11; 3085.5; 01-AUG-2009 23:13:55; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38804
12; 3468.5; 01-AUG-2009 23:20:18; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38804
13; 3587.5; 01-AUG-2009 23:22:17; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38804
14; 3974.4; 01-AUG-2009 23:28:43; Bright; 70.0; 160; 23Gam Per ; 2.93; 4700;occ; 140; 0;38804
15; 4075.0; 01-AUG-2009 23:30:24; Bright; 69.0; 35; 33Alp Per ; 1.79; 6250;occ; 138; 0;38804
16; 4314.9; 01-AUG-2009 23:34:24; Bright; 48.5; 149; 45Eps Per ; 2.89; 30000;occ; 97; 0;38804
17; 4503.3; 01-AUG-2009 23:37:32; Dark ; 55.5; 150; 44Zet Per ; 2.89; 28000;occ; 111; 0;38804
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 4; 607.9; 02-AUG-2009 00:13:13; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38805
 5; 930.2; 02-AUG-2009 00:18:35; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;38805
 6; 1114.7; 02-AUG-2009 00:21:40; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;38805
 7; 1571.4; 02-AUG-2009 00:29:16; Bright; 74.0; 142; 49Del Cap ; 2.85; 8900;occ; 148; 0;38805
 8; 1820.9; 02-AUG-2009 00:33:26; Bright; 50.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 100; 0;38805
 9; 2572.1; 02-AUG-2009 00:45:57; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;38805
10; 2759.8; 02-AUG-2009 00:49:05; Bright; 60.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 120; 0;38805
11; 3085.1; 02-AUG-2009 00:54:30; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38805
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17; 4503.5; 02-AUG-2009 01:18:09; Dark ; 54.0; 150; 44Zet Per ; 2.89; 28000;occ; 108; 0;38805
18; 4699.6; 02-AUG-2009 01:21:25; Dark ; 58.5; 146; 25Eta Tau ; 2.87; 15200;occ; 117; 0;38805
19; 4795.3; 02-AUG-2009 01:23:00; Dark ; 63.5; 13; 87Alp Tau ; 0.87; 3800;occ; 127; 0;38805
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 12; 4310.0; 07-AUG-2009 12:01:38; Bright; 53.0; 149; 45Eps Per ; 2.89; 30000;occ; 106; 0;38883
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 9; 3530.7; 07-AUG-2009 13:29:14; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38884


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23; 6727.4; 07-AUG-2009 17:43:43; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38886
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 3; 1808.3; 07-AUG-2009 18:02:20; Bright; 67.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 134; 0;38887
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22; 4948.5; 08-AUG-2009 01:37:03; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38891
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 11; 2618.5; 08-AUG-2009 02:38:49; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;38892
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 9; -811.1; 08-AUG-2009 03:22:16; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;38892
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 13; 908.4; 08-AUG-2009 03:50:55; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;38893
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 19; 2618.5; 08-AUG-2009 04:19:25; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;38893
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 21; 3051.5; 08-AUG-2009 04:26:38; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38893
 22; 3396.4; 08-AUG-2009 04:32:23; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38893
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5; 2531.1; 08-AUG-2009 21:03:57; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;38903
6; 2721.9; 08-AUG-2009 21:07:08; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38903
7; 3047.8; 08-AUG-2009 21:12:34; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38903
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9; 3516.7; 08-AUG-2009 21:20:23; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38903
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12; 4199.8; 08-AUG-2009 21:31:46; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38903
13; 4308.0; 08-AUG-2009 21:33:34; Bright; 57.5; 149; 45Eps Per ; 2.89; 30000;occ; 115; 0;38903
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22; 4840.9; 08-AUG-2009 23:23:03; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38904
23; 4954.2; 08-AUG-2009 23:24:56; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38904
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4; 2724.0; 08-AUG-2009 11:03:35; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38897
5; 3050.0; 08-AUG-2009 11:09:00; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38897
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3; 2158.9; 08-AUG-2009 14:15:21; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38899
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5; 2723.3; 08-AUG-2009 14:24:46; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;38899
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8; 3519.7; 08-AUG-2009 14:38:02; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38899
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11; 4200.1; 08-AUG-2009 14:49:22; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;38899
12; 4308.6; 08-AUG-2009 14:51:11; Bright; 51.5; 149; 45Eps Per ; 2.89; 30000;occ; 103; 0;38899
13; 4533.3; 08-AUG-2009 14:54:56; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38899
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23; 5068.4; 10-AUG-2009 00:35:49; Dark ; 44.5; 72; 34Del Ori ; 2.25; 30000;occ; 89; 0;38919
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5; 2719.9; 09-AUG-2009 08:51:18; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38910
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9; 3928.8; 09-AUG-2009 09:11:26; Bright; 74.0; 160; 23Gam Per ; 2.93; 4700;occ; 148; 0;38910
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14; 4667.5; 09-AUG-2009 09:23:45; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38910
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22; 6953.8; 09-AUG-2009 10:01:51; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;38910
23; 7242.5; 09-AUG-2009 10:06:40; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;38910
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22; 7249.9; 10-AUG-2009 09:35:10; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;38924
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21; 5841.5; 10-AUG-2009 15:54:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38928
22; 6156.1; 10-AUG-2009 15:59:20; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38928
23; 6767.5; 10-AUG-2009 16:09:32; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38928
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 5; 2144.2; 10-AUG-2009 16:33:04; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38929
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 7; 2714.0; 10-AUG-2009 16:42:34; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38929
 8; 3039.1; 10-AUG-2009 16:47:59; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38929
 9; 3367.4; 10-AUG-2009 16:53:28; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38929
10; 3497.5; 10-AUG-2009 16:55:38; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38929
11; 3919.5; 10-AUG-2009 17:02:40; Bright; 75.0; 160; 23Gam Per ; 2.93; 4700;occ; 150; 0;38929
12; 4031.6; 10-AUG-2009 17:04:32; Bright; 52.0; 35; 33Alp Per ; 1.79; 6250;occ; 104; 0;38929
13; 4198.8; 10-AUG-2009 17:07:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38929
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 4;-1181.4; 10-AUG-2009 17:18:15; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 0;38929
 5;-1070.0; 10-AUG-2009 17:20:06; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38929
 6; -962.5; 10-AUG-2009 17:21:54; Dark ; 45.0; 72; 34Del Ori ; 2.25; 30000;occ; 90; 0;38929
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11; 732.5; 10-AUG-2009 17:50:09; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38930
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 2; 1583.6; 10-AUG-2009 16:23:44; Bright; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;38929
 3; 1804.2; 10-AUG-2009 16:27:24; Bright; 64.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 128; 0;38929
 4; 1946.3; 10-AUG-2009 16:29:46; Bright; 25.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 50; 0;38929
 5; 2144.2; 10-AUG-2009 16:33:04; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38929
 6; 2522.5; 10-AUG-2009 16:39:23; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38929
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 10; 3497.5; 10-AUG-2009 16:55:38; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38929
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 12; 4031.6; 10-AUG-2009 17:04:32; Bright; 52.0; 35; 33Alp Per ; 1.79; 6250;occ; 104; 0;38929
 13; 4198.8; 10-AUG-2009 17:07:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38929
 14; 4305.5; 10-AUG-2009 17:09:06; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;38929
 15; 4538.6; 10-AUG-2009 17:12:59; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38929
 16; 4672.5; 10-AUG-2009 17:15:13; Dark ; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;38929
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 19; 5073.5; 10-AUG-2009 17:21:54; Dark ; 45.0; 72; 34Del Ori ; 2.25; 30000;occ; 90; 0;38929
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 23; 6157.3; 10-AUG-2009 17:39:57; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38929
 24; 6768.5; 10-AUG-2009 17:50:09; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38929
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 3; 1804.0; 10-AUG-2009 18:08:00; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38930
 4; 1945.9; 10-AUG-2009 18:10:22; Bright; 31.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 62; 0;38930
 5; 2143.7; 10-AUG-2009 18:13:40; Bright; 60.0; 61; 8Eps Peg ; 2.10; 3900;occ; 120; 0;38930
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 9; 3366.5; 10-AUG-2009 18:34:03; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38930
 10; 3496.7; 10-AUG-2009 18:36:13; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;38930
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 12; 4031.1; 10-AUG-2009 18:45:07; Bright; 54.5; 35; 33Alp Per ; 1.79; 6250;occ; 109; 0;38930
 13; 4198.6; 10-AUG-2009 18:47:55; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38930
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 16; 4672.8; 10-AUG-2009 18:55:49; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;38930
 17; 4855.2; 10-AUG-2009 18:58:51; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38930
 18; 4966.3; 10-AUG-2009 19:00:42; Dark ; 47.5; 27; 24Gam Ori ; 1.64; 26000;occ; 95; 0;38930
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 21; 5608.4; 10-AUG-2009 19:11:25; Dark ; 69.5; 165; 34Gam Eri ; 2.95; 3200;occ; 139; 0;38930
 22; 5843.3; 10-AUG-2009 19:15:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38930
 23; 6158.5; 10-AUG-2009 19:20:35; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38930
 24; 6769.3; 10-AUG-2009 19:30:45; Dark ; 64.5; 84; Alp Phe ; 2.40; 4500;occ; 129; 0;38930

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 3; 125.7; 11-AUG-2009 00:22:25; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38934
 4; 736.0; 11-AUG-2009 00:32:36; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38934
 5; 1218.1; 11-AUG-2009 00:40:38; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;38934
 6; 1584.0; 11-AUG-2009 00:46:44; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38934
 7; 1803.6; 11-AUG-2009 00:50:23; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38934
 8; 1944.2; 11-AUG-2009 00:52:44; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;38934
 9; 2141.7; 11-AUG-2009 00:56:01; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38934
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6; 737.1; 11-AUG-2009 02:13:13; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38935
7; 1218.7; 11-AUG-2009 02:21:14; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38935
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10; 1944.0; 11-AUG-2009 02:33:20; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;38935
11; 2141.1; 11-AUG-2009 02:36:37; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38935
12; 2520.6; 11-AUG-2009 02:42:56; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38935
13; 2712.3; 11-AUG-2009 02:46:08; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38935
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15; 3362.6; 11-AUG-2009 02:56:58; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38935
16; 3492.8; 11-AUG-2009 02:59:08; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38935
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12; 128.0; 11-AUG-2009 03:43:40; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38936
13; 738.1; 11-AUG-2009 03:53:50; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;38936
14; 1219.3; 11-AUG-2009 04:01:51; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38936
15; 1584.4; 11-AUG-2009 04:07:56; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38936
16; 1803.6; 11-AUG-2009 04:11:35; Bright; 45.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 90; 0;38936
17; 1943.7; 11-AUG-2009 04:13:55; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38936
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13; 738.9; 11-AUG-2009 05:34:26; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;38937
14; 1220.0; 11-AUG-2009 05:42:28; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;38937
15; 1584.4; 11-AUG-2009 05:48:32; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38937
16; 1803.6; 11-AUG-2009 05:52:11; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38937
17; 1943.4; 11-AUG-2009 05:54:31; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38937
18; 2140.3; 11-AUG-2009 05:57:48; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38937
19; 2520.3; 11-AUG-2009 06:04:08; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38937
20; 2711.8; 11-AUG-2009 06:07:19; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;38937
21; 3036.6; 11-AUG-2009 06:12:44; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38937
22; 3361.1; 11-AUG-2009 06:18:09; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38937
23; 3491.5; 11-AUG-2009 06:20:19; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38937
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2; 1585.4; 11-AUG-2009 20:53:56; Bright; 54.0; 142; 49Del Cap ; 2.85; 8900;occ; 108; 0;38946
3; 1802.7; 11-AUG-2009 20:57:34; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38946

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4; 1940.3; 11-AUG-2009 20:59:51; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38946
5; 2136.5; 11-AUG-2009 21:03:08; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;38946
6; 2517.3; 11-AUG-2009 21:09:28; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38946
7; 2709.2; 11-AUG-2009 21:12:40; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38946
8; 3033.8; 11-AUG-2009 21:18:05; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38946
9; 3353.7; 11-AUG-2009 21:23:25; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38946
10; 3484.7; 11-AUG-2009 21:25:36; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38946
11; 3910.7; 11-AUG-2009 21:32:42; Bright; 59.5; 160; 23Gam Per ; 2.93; 4700;occ; 119; 0;38946
12; 4024.1; 11-AUG-2009 21:34:35; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38946
13; 4098.3; 11-AUG-2009 21:35:49; Bright; 50.0; 175; 39Del Per ; 3.01; 19400;occ; 100; 0;38946
14; 4541.6; 11-AUG-2009 21:43:13; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38946
15; 4677.2; 11-AUG-2009 21:45:28; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38946
16; 4864.4; 11-AUG-2009 21:48:35; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38946
17; 4974.2; 11-AUG-2009 21:50:25; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;38946
18; 5089.9; 11-AUG-2009 21:52:21; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38946
19; 5173.2; 11-AUG-2009 21:53:44; Dark ; 43.5; 125; 44Iot Ori ; 2.77; 30000;occ; 87; 0;38946
20; 5258.7; 11-AUG-2009 21:55:10; Dark ; 35.5; 7; 19Bet Ori ; 0.10; 14000;occ; 71; 0;38946

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2; -404.6; 11-AUG-2009 22:01:22; Dark ; 68.0; 165; 34Gam Eri ; 2.95; 3200;occ; 136; 0;38946
3; -178.5; 11-AUG-2009 22:05:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38946
4; 140.4; 11-AUG-2009 22:10:27; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;38947
5; 748.0; 11-AUG-2009 22:20:35; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;38947
6; 1224.8; 11-AUG-2009 22:28:32; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38947
7; 1585.3; 11-AUG-2009 22:34:32; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38947
8; 1802.8; 11-AUG-2009 22:38:10; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38947
9; 1939.9; 11-AUG-2009 22:40:27; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38947
10; 2136.3; 11-AUG-2009 22:43:43; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;38947
11; 2517.3; 11-AUG-2009 22:50:04; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38947
12; 2709.1; 11-AUG-2009 22:53:16; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38947
13; 3033.5; 11-AUG-2009 22:58:40; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38947
14; 3353.0; 11-AUG-2009 23:04:00; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38947
15; 3483.9; 11-AUG-2009 23:06:11; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38947
16; 3910.2; 11-AUG-2009 23:13:17; Bright; 53.0; 160; 23Gam Per ; 2.93; 4700;occ; 106; 0;38947
17; 4023.6; 11-AUG-2009 23:15:11; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38947
18; 4098.0; 11-AUG-2009 23:16:25; Bright; 64.0; 175; 39Del Per ; 3.01; 19400;occ; 128; 0;38947
19; 4541.8; 11-AUG-2009 23:23:49; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38947
20; 4677.4; 11-AUG-2009 23:26:04; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38947
21; 4864.9; 11-AUG-2009 23:29:12; Dark ; 74.5; 13; 87Alp Tau ; 0.87; 3800;occ; 149; 0;38947
22; 4974.7; 11-AUG-2009 23:31:02; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;38947
23; 5090.4; 11-AUG-2009 23:32:57; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;38947
24; 5173.7; 11-AUG-2009 23:34:21; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38947
25; 5259.4; 11-AUG-2009 23:35:46; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;38947

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2; -177.6; 11-AUG-2009 23:45:45; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38947
3; 141.4; 11-AUG-2009 23:51:04; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38948
4; 748.8; 12-AUG-2009 00:01:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38948
5; 1225.3; 12-AUG-2009 00:09:08; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38948
6; 1585.7; 12-AUG-2009 00:15:09; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38948
7; 1802.4; 12-AUG-2009 00:18:45; Bright; 59.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 119; 0;38948
8; 1939.6; 12-AUG-2009 00:21:02; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38948
9; 2135.7; 12-AUG-2009 00:24:18; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38948
10; 2516.8; 12-AUG-2009 00:30:40; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38948
11; 2708.9; 12-AUG-2009 00:33:52; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;38948
12; 3033.3; 12-AUG-2009 00:39:16; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38948
13; 3352.1; 12-AUG-2009 00:44:35; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38948
14; 3483.2; 12-AUG-2009 00:46:46; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38948
15; 3909.6; 12-AUG-2009 00:53:52; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38948
16; 4023.4; 12-AUG-2009 00:55:46; Bright; 38.0; 35; 33Alp Per ; 1.79; 6250;occ; 76; 0;38948
17; 4097.8; 12-AUG-2009 00:57:01; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38948
18; 4542.0; 12-AUG-2009 01:04:25; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;38948
19; 4677.7; 12-AUG-2009 01:06:40; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38948
20; 4865.5; 12-AUG-2009 01:09:48; Dark ; 78.0; 13; 87Alp Tau ; 0.87; 3800;occ; 156; 0;38948
21; 4975.2; 12-AUG-2009 01:11:38; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38948
22; 5091.0; 12-AUG-2009 01:13:34; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38948
23; 5174.4; 12-AUG-2009 01:14:57; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;38948
24; 5260.0; 12-AUG-2009 01:16:23; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;38948

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 2; -2007.8; 11-AUG-2009 06:29:16; Bright; 56.0; 35; 33Alp Per ; 1.79; 6250;occ; 112; 0;38937
 3; -1837.6; 11-AUG-2009 06:32:06; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;38937
 4; -1496.0; 11-AUG-2009 06:37:48; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38937
 5; -1361.3; 11-AUG-2009 06:40:02; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38937
 6; -1176.7; 11-AUG-2009 06:43:07; Dark ; 69.0; 13; 87Alp Tau ; 0.87; 3800;occ; 138; 0;38937
 7; -1066.2; 11-AUG-2009 06:44:57; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;38937
 8; -950.5; 11-AUG-2009 06:46:53; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38937
 9; -783.2; 11-AUG-2009 06:49:40; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;38937
 10; -417.6; 11-AUG-2009 06:55:46; Dark ; 68.5; 165; 34Gam Eri ; 2.95; 3200;occ; 137; 0;38937
 11; -186.5; 11-AUG-2009 06:59:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38937
 12; 130.0; 11-AUG-2009 07:04:54; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38938
 13; 740.0; 11-AUG-2009 07:15:04; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;38938
 14; 1220.4; 11-AUG-2009 07:23:04; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38938
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 2; 1942.9; 11-AUG-2009 07:35:06; Bright; 53.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 106; 0;38938
 3; 2140.2; 11-AUG-2009 07:38:24; Bright; 49.5; 61; 8Eps Peg ; 2.10; 3900;occ; 99; 0;38938
 4; 2519.7; 11-AUG-2009 07:44:43; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38938
 5; 2711.6; 11-AUG-2009 07:47:55; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38938
 6; 3036.3; 11-AUG-2009 07:53:20; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38938
 7; 3360.2; 11-AUG-2009 07:58:44; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38938
 8; 3490.8; 11-AUG-2009 08:00:54; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38938
 9; 3914.8; 11-AUG-2009 08:07:58; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;38938
 10; 4027.7; 11-AUG-2009 08:09:51; Bright; 55.5; 35; 33Alp Per ; 1.79; 6250;occ; 111; 0;38938
 11; 4198.4; 11-AUG-2009 08:12:42; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;38938
 12; 4540.2; 11-AUG-2009 08:18:24; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38938
 13; 4675.0; 11-AUG-2009 08:20:39; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38938
 14; 4859.8; 11-AUG-2009 08:23:43; Dark ; 76.0; 13; 87Alp Tau ; 0.87; 3800;occ; 152; 0;38938
 15; 4970.1; 11-AUG-2009 08:25:34; Dark ; 42.5; 27; 24Gam Ori ; 1.64; 26000;occ; 85; 0;38938
 16; 5086.0; 11-AUG-2009 08:27:30; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;38938
 17; 5253.5; 11-AUG-2009 08:30:17; Dark ; 52.0; 7; 19Bet Ori ; 0.10; 14000;occ; 104; 0;38938
 18; 5619.8; 11-AUG-2009 08:36:23; Dark ; 62.5; 165; 34Gam Eri ; 2.95; 3200;occ; 125; 0;38938
 19; 5850.3; 11-AUG-2009 08:40:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38938
 20; 6167.2; 11-AUG-2009 08:45:31; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38938
 21; 6776.7; 11-AUG-2009 08:55:40; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38938
 22; 7256.7; 11-AUG-2009 09:03:40; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;38938
 23; 7620.5; 11-AUG-2009 09:09:44; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;38938

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 2; 1942.7; 11-AUG-2009 09:15:42; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38939
 3; 2139.6; 11-AUG-2009 09:18:59; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38939
 4; 2519.4; 11-AUG-2009 09:25:19; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38939
 5; 2711.1; 11-AUG-2009 09:28:31; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38939
 6; 3036.1; 11-AUG-2009 09:33:56; Bright; 57.0; 89; 5Alp Cep ; 2.45; 8000;occ; 114; 0;38939
 7; 3359.3; 11-AUG-2009 09:39:19; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38939
 8; 3490.0; 11-AUG-2009 09:41:29; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38939
 9; 3914.5; 11-AUG-2009 09:48:34; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38939
 10; 4027.4; 11-AUG-2009 09:50:27; Bright; 58.0; 35; 33Alp Per ; 1.79; 6250;occ; 116; 0;38939
 11; 4198.3; 11-AUG-2009 09:53:18; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;38939
 12; 4540.3; 11-AUG-2009 09:59:00; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38939
 13; 4675.3; 11-AUG-2009 10:01:15; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38939
 14; 4860.3; 11-AUG-2009 10:04:20; Dark ; 66.5; 13; 87Alp Tau ; 0.87; 3800;occ; 133; 0;38939
 15; 4970.7; 11-AUG-2009 10:06:10; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38939
 16; 5086.5; 11-AUG-2009 10:08:06; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;38939
 17; 5254.1; 11-AUG-2009 10:10:54; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38939
 18; 5621.2; 11-AUG-2009 10:17:01; Dark ; 72.5; 165; 34Gam Eri ; 2.95; 3200;occ; 145; 0;38939
 19; 5851.1; 11-AUG-2009 10:20:51; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38939
 20; 6168.4; 11-AUG-2009 10:26:08; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38939
 21; 6777.5; 11-AUG-2009 10:36:17; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38939
 22; 7257.3; 11-AUG-2009 10:44:17; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38939
 23; 7620.5; 11-AUG-2009 10:50:20; Bright; 62.5; 142; 49Del Cap ; 2.85; 8900;occ; 125; 0;38939

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 2; 1942.4; 11-AUG-2009 10:56:18; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38940
 3; 2139.2; 11-AUG-2009 10:59:35; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;38940

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5; 2710.8; 11-AUG-2009 11:09:06; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38940
6; 3035.4; 11-AUG-2009 11:14:31; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;38940
7; 3358.5; 11-AUG-2009 11:19:54; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38940
8; 3489.3; 11-AUG-2009 11:22:05; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38940
9; 3913.7; 11-AUG-2009 11:29:09; Bright; 70.5; 160; 23Gam Per ; 2.93; 4700;occ; 141; 0;38940
10; 4026.9; 11-AUG-2009 11:31:02; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38940
11; 4100.5; 11-AUG-2009 11:32:16; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38940
12; 4540.6; 11-AUG-2009 11:39:36; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38940
13; 4675.3; 11-AUG-2009 11:41:51; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38940
14; 4860.8; 11-AUG-2009 11:44:56; Dark ; 76.5; 13; 87Alp Tau ; 0.87; 3800;occ; 153; 0;38940
15; 4971.2; 11-AUG-2009 11:46:47; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;38940
16; 5086.9; 11-AUG-2009 11:48:42; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;38940
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17; 5273.3; 13-AUG-2009 09:07:59; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38967
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7; 3468.3; 13-AUG-2009 10:18:30; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38968
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9; 4090.8; 13-AUG-2009 10:28:52; Bright; 53.0; 175; 39Del Per ; 3.01; 19400;occ; 106; 0;38968
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17; 5185.5; 13-AUG-2009 10:47:07; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;38968
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22; 7271.0; 13-AUG-2009 11:21:52; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38968
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4; 2127.1; 13-AUG-2009 11:36:44; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;38969
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7; 3335.3; 13-AUG-2009 11:56:53; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38969
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9; 3898.0; 13-AUG-2009 12:06:15; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38969
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16; 4986.0; 13-AUG-2009 12:24:23; Dark ; 51.5; 27; 24Gam Ori ; 1.64; 26000;occ; 103; 0;38969
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4; 2126.8; 13-AUG-2009 13:17:20; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;38970
5; 2511.0; 13-AUG-2009 13:23:44; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38970
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7; 3466.9; 13-AUG-2009 13:39:40; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38970
8; 3897.6; 13-AUG-2009 13:46:51; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38970
9; 4090.0; 13-AUG-2009 13:50:03; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38970
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11; 4364.2; 13-AUG-2009 13:54:37; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;38970
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13; 4683.9; 13-AUG-2009 13:59:57; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38970
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3; 1932.6; 13-AUG-2009 14:54:42; Bright; 50.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 100; 0;38971
4; 2126.5; 13-AUG-2009 14:57:55; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38971
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9; 3897.1; 13-AUG-2009 15:27:26; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38971
10; 4089.6; 13-AUG-2009 15:30:39; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38971
11; 4196.4; 13-AUG-2009 15:32:25; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;38971
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6; 2510.6; 13-AUG-2009 16:44:56; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38972
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4; 1931.9; 13-AUG-2009 18:15:53; Bright; 72.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 144; 0;38973
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3; 1240.3; 14-AUG-2009 05:48:33; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38980
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5; 1801.0; 14-AUG-2009 05:57:53; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;38980
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8; 2508.7; 14-AUG-2009 06:09:41; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;38980
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3; 1800.6; 14-AUG-2009 21:03:16; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;38989
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2; -1667.7; 17-AUG-2009 06:46:25; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;39023
3; -1479.6; 17-AUG-2009 06:49:34; Dark ; 54.0; 28; 12Bet Tau ; 1.65; 15200;occ; 108; 0;39023
4; -1335.9; 17-AUG-2009 06:51:57; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;39023
5; -1096.6; 17-AUG-2009 06:55:57; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;39023
6; -902.0; 17-AUG-2009 06:59:11; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;39023
7; -816.1; 17-AUG-2009 07:00:37; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;39023
8; -719.4; 17-AUG-2009 07:02:14; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39023
9; -609.4; 17-AUG-2009 07:04:04; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;39023
10; -438.3; 17-AUG-2009 07:06:55; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39023
11; 230.1; 17-AUG-2009 07:18:03; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39024
12; 814.6; 17-AUG-2009 07:27:48; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;39024
13; 1259.0; 17-AUG-2009 07:35:12; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39024
14; 1593.8; 17-AUG-2009 07:40:47; Bright; 58.5; 142; 49Del Cap ; 2.85; 8900;occ; 117; 0;39024

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3; 2108.7; 17-AUG-2009 07:49:22; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;39024
4; 3292.4; 17-AUG-2009 08:09:06; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39024
5; 3426.2; 17-AUG-2009 08:11:19; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39024
6; 4192.0; 17-AUG-2009 08:24:05; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;39024
7; 4368.3; 17-AUG-2009 08:27:02; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;39024
8; 4556.6; 17-AUG-2009 08:30:10; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;39024
9; 4700.2; 17-AUG-2009 08:32:33; Dark ; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;39024
10; 4939.8; 17-AUG-2009 08:36:33; Dark ; 50.5; 14; 58Alp Ori ; 0.87; 3000;occ; 101; 0;39024
11; 5134.6; 17-AUG-2009 08:39:48; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;39024
12; 5220.4; 17-AUG-2009 08:41:14; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;39024
13; 5317.5; 17-AUG-2009 08:42:51; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;39024
14; 5427.2; 17-AUG-2009 08:44:40; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;39024
15; 5598.4; 17-AUG-2009 08:47:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39024
16; 6267.3; 17-AUG-2009 08:58:40; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39024
17; 6851.4; 17-AUG-2009 09:08:25; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39024
18; 7295.4; 17-AUG-2009 09:15:49; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;39024
19; 7630.0; 17-AUG-2009 09:21:23; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;39024

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2; 1918.8; 17-AUG-2009 09:26:48; Bright; 47.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 95; 0;39025
3; 2108.5; 17-AUG-2009 09:29:58; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;39025
4; 3291.8; 17-AUG-2009 09:49:41; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;39025
5; 3425.3; 17-AUG-2009 09:51:54; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;39025
6; 4191.8; 17-AUG-2009 10:04:41; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;39025
7; 4368.4; 17-AUG-2009 10:07:38; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39025
8; 4556.8; 17-AUG-2009 10:10:46; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;39025
9; 4700.7; 17-AUG-2009 10:13:10; Dark ; 48.0; 176; 23Zet Tau ; 3.02; 22000;occ; 96; 0;39025
10; 4940.1; 17-AUG-2009 10:17:09; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;39025
11; 5135.2; 17-AUG-2009 10:20:24; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;39025
12; 5220.8; 17-AUG-2009 10:21:50; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;39025
13; 5318.4; 17-AUG-2009 10:23:27; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;39025
14; 5428.0; 17-AUG-2009 10:25:17; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;39025
15; 5599.1; 17-AUG-2009 10:28:08; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39025
16; 6268.4; 17-AUG-2009 10:39:18; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;39025
17; 6852.1; 17-AUG-2009 10:49:01; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39025
18; 7295.7; 17-AUG-2009 10:56:25; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;39025
19; 7629.9; 17-AUG-2009 11:01:59; Bright; 42.0; 142; 49Del Cap ; 2.85; 8900;occ; 84; 0;39025

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3; 2108.1; 17-AUG-2009 11:10:33; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39026
4; 3290.8; 17-AUG-2009 11:30:16; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39026
5; 3424.7; 17-AUG-2009 11:32:30; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39026
6; 4191.8; 17-AUG-2009 11:45:17; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;39026
7; 4368.5; 17-AUG-2009 11:48:13; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39026
8; 4557.1; 17-AUG-2009 11:51:22; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;39026
9; 4700.9; 17-AUG-2009 11:53:46; Dark ; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;39026
10; 4940.7; 17-AUG-2009 11:57:46; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;39026
11; 5136.0; 17-AUG-2009 12:01:01; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;39026
12; 5221.8; 17-AUG-2009 12:02:27; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;39026
13; 5319.1; 17-AUG-2009 12:04:04; Dark ; 55.0; 7; 19Bet Ori ; 0.10; 14000;occ; 110; 0;39026
14; 5428.6; 17-AUG-2009 12:05:54; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 0;39026
15; 5599.9; 17-AUG-2009 12:08:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39026
16; 6269.5; 17-AUG-2009 12:19:54; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39026
17; 6853.0; 17-AUG-2009 12:29:38; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39026
18; 7296.2; 17-AUG-2009 12:37:01; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;39026
19; 7629.9; 17-AUG-2009 12:42:35; Bright; 28.0; 142; 49Del Cap ; 2.85; 8900;occ; 56; 0;39026

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2; 1799.4; 17-AUG-2009 12:46:00; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;39027
3; 1918.3; 17-AUG-2009 12:47:59; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;39027
4; 2107.8; 17-AUG-2009 12:51:09; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;39027
5; 3290.1; 17-AUG-2009 13:10:51; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39027
6; 3423.9; 17-AUG-2009 13:13:05; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;39027
7; 4191.8; 17-AUG-2009 13:25:53; Bright; 63.0; 6; 13Alp Aur ; 0.08; 3400;occ; 126; 0;39027


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8; 4368.8; 17-AUG-2009 13:28:50; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39027
9; 4557.3; 17-AUG-2009 13:31:58; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;39027
10; 4701.3; 17-AUG-2009 13:34:22; Dark ; 48.5; 176; 23Zet Tau ; 3.02; 22000;occ; 97; 0;39027
11; 4941.1; 17-AUG-2009 13:38:22; Dark ; 52.5; 14; 58Alp Ori ; 0.87; 3000;occ; 105; 0;39027
12; 5136.5; 17-AUG-2009 13:41:37; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;39027
13; 5222.5; 17-AUG-2009 13:43:03; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;39027
14; 5320.0; 17-AUG-2009 13:44:41; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;39027
15; 5429.5; 17-AUG-2009 13:46:30; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;39027
16; 5600.6; 17-AUG-2009 13:49:21; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39027
17; 6270.8; 17-AUG-2009 14:00:32; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39027
18; 6853.8; 17-AUG-2009 14:10:15; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39027
19; 7296.6; 17-AUG-2009 14:17:37; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39027
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3; 1918.1; 17-AUG-2009 14:28:35; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;39028
4; 2107.6; 17-AUG-2009 14:31:44; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;39028
5; 3289.7; 17-AUG-2009 14:51:26; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39028
6; 3423.3; 17-AUG-2009 14:53:40; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39028
7; 4191.6; 17-AUG-2009 15:06:28; Bright; 49.5; 6; 13Alp Aur ; 0.08; 3400;occ; 99; 0;39028
8; 4368.9; 17-AUG-2009 15:09:26; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;39028
9; 4557.5; 17-AUG-2009 15:12:34; Dark ; 54.0; 28; 12Bet Tau ; 1.65; 15200;occ; 108; 0;39028
10; 4702.0; 17-AUG-2009 15:14:59; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;39028
11; 4941.7; 17-AUG-2009 15:18:58; Dark ; 49.0; 14; 58Alp Ori ; 0.87; 3000;occ; 98; 0;39028
12; 5137.2; 17-AUG-2009 15:22:14; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;39028
13; 5223.2; 17-AUG-2009 15:23:40; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;39028
14; 5320.9; 17-AUG-2009 15:25:18; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;39028
15; 5430.2; 17-AUG-2009 15:27:07; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;39028
16; 5601.5; 17-AUG-2009 15:29:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39028
17; 6271.9; 17-AUG-2009 15:41:09; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;39028
18; 6854.8; 17-AUG-2009 15:50:52; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;39028
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3; 1799.5; 17-AUG-2009 16:07:12; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;39029
4; 1917.8; 17-AUG-2009 16:09:10; Bright; 47.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 95; 0;39029
5; 2107.3; 17-AUG-2009 16:12:20; Bright; 63.0; 61; 8Eps Peg ; 2.10; 3900;occ; 126; 0;39029
6; 3288.7; 17-AUG-2009 16:32:01; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;39029
7; 3422.5; 17-AUG-2009 16:34:15; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39029
8; 4191.5; 17-AUG-2009 16:47:04; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;39029
9; 4368.8; 17-AUG-2009 16:50:02; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;39029
10; 4557.5; 17-AUG-2009 16:53:10; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;39029
11; 4702.2; 17-AUG-2009 16:55:35; Dark ; 48.0; 176; 23Zet Tau ; 3.02; 22000;occ; 96; 0;39029
12; 4942.2; 17-AUG-2009 16:59:35; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;39029
13; 5137.8; 17-AUG-2009 17:02:50; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;39029
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15; 5321.7; 17-AUG-2009 17:05:54; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;39029
16; 5430.9; 17-AUG-2009 17:07:44; Dark ; 48.0; 101; 11Alp Lep ; 2.58; 7000;occ; 96; 0;39029
17; 5602.3; 17-AUG-2009 17:10:35; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39029
18; 6273.2; 17-AUG-2009 17:21:46; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39029
19; 6855.5; 17-AUG-2009 17:31:28; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39029
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3; 1799.5; 17-AUG-2009 17:47:48; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;39030
4; 1917.6; 17-AUG-2009 17:49:46; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;39030
5; 2107.0; 17-AUG-2009 17:52:56; Bright; 63.0; 61; 8Eps Peg ; 2.10; 3900;occ; 126; 0;39030
6; 3287.7; 17-AUG-2009 18:12:36; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39030
7; 3379.1; 17-AUG-2009 18:14:08; Bright; 25.0; 68; 18Alp Cas ; 2.22; 4500;occ; 50; 0;39030
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9; 4191.3; 17-AUG-2009 18:27:40; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;39030
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13; 4942.6; 17-AUG-2009 18:40:11; Dark ; 56.5; 14; 58Alp Ori ; 0.87; 3000;occ; 113; 0;39030
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18; 5603.1; 17-AUG-2009 18:51:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39030
19; 6274.3; 17-AUG-2009 19:02:23; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;39030
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 5; 2106.6; 17-AUG-2009 19:33:31; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;39031
 6; 3287.0; 17-AUG-2009 19:53:12; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;39031
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11;	4716.4;	20-AUG-2009	15:20:58;	Dark	;	50.0;	176;	23Zet Tau	;	3.02;	22000;occ;	100;	0;	39071
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13;	5049.3;	20-AUG-2009	15:26:31;	Dark	;	56.0;	27;	24Gam Ori	;	1.64;	26000;occ;	112;	0;	39071
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17;	5462.5;	20-AUG-2009	15:33:24;	Dark	;	49.0;	101;	11Alp Lep	;	2.58;	7000;occ;	98;	0;	39071
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3;	1799.3;	20-AUG-2009	16:12:57;	Bright;		40.5;	154;	22Bet Aqr	;	2.90;	5700;occ;	81;	0;	39072
4;	1909.8;	20-AUG-2009	16:14:47;	Bright;		44.0;	162;	34Alp Aqr	;	2.94;	5350;occ;	88;	0;	39072
5;	2096.6;	20-AUG-2009	16:17:54;	Bright;		60.0;	61;	8Eps Peg	;	2.10;	3900;occ;	120;	0;	39072
6;	2609.2;	20-AUG-2009	16:26:27;	Bright;		40.0;	164;	44Eta Peg	;	2.95;	5400;occ;	80;	0;	39072
7;	3256.0;	20-AUG-2009	16:37:14;	Bright;		48.0;	74;	11Bet Cas	;	2.27;	6600;occ;	96;	0;	39072
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7;	3255.2;	20-AUG-2009	18:17:49;	Bright;		46.5;	74;	11Bet Cas	;	2.27;	6600;occ;	93;	0;	39073
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 6; 3380.3; 21-AUG-2009 14:27:05; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39085
 7; 4184.8; 21-AUG-2009 14:40:29; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;39085
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 17; 5648.1; 21-AUG-2009 15:04:53; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39085
 18; 6340.9; 21-AUG-2009 15:16:25; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39085
 19; 6898.9; 21-AUG-2009 15:25:43; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;39085
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 21; 6900.0; 21-AUG-2009 17:06:20; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;39086

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 3; 1907.6; 21-AUG-2009 17:23:44; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;39087
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 16; 5266.6; 21-AUG-2009 18:19:43; Dark ; 49.5; 125; 44Iot Ori ; 2.77; 30000;occ; 99; 0;39087
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 12; 4570.0; 21-AUG-2009 19:48:42; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;39088
 13; 4722.4; 21-AUG-2009 19:51:15; Dark ; 51.5; 176; 23Zet Tau ; 3.02; 22000;occ; 103; 0;39088
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16; 5178.9; 21-AUG-2009 19:58:51; Dark ; 55.0; 30; 46Eps Ori ; 1.69; 30000;occ; 110; 0;39088
17; 5267.3; 21-AUG-2009 20:00:20; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;39088
18; 5376.0; 21-AUG-2009 20:02:08; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;39088
19; 5476.0; 21-AUG-2009 20:03:48; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;39088
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21; 6344.4; 21-AUG-2009 20:18:17; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39088
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 7; 1284.6; 22-AUG-2009 01:36:21; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;39092
 8; 1906.5; 22-AUG-2009 01:46:43; Bright; 62.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 124; 0;39092
 9; 2092.2; 22-AUG-2009 01:49:48; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;39092
10; 2592.2; 22-AUG-2009 01:58:08; Bright; 50.0; 164; 44Eta Peg ; 2.95; 5400;occ; 100; 0;39092
11; 3241.1; 22-AUG-2009 02:08:57; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39092
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17; 3240.4; 22-AUG-2009 03:49:32; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39093
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3; 2576.7; 23-AUG-2009 11:29:51; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;39112
4; 3226.6; 23-AUG-2009 11:40:41; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39112
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7; 4373.9; 23-AUG-2009 11:59:48; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;39112
8; 4575.4; 23-AUG-2009 12:03:10; Dark ; 57.0; 28; 12Bet Tau ; 1.65; 15200;occ; 114; 0;39112
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7; 4575.7; 23-AUG-2009 13:43:46; Dark ; 61.5; 28; 12Bet Tau ; 1.65; 15200;occ; 123; 0;39113
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8; 4654.9; 24-AUG-2009 09:52:17; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;39125
9; 4754.2; 24-AUG-2009 09:53:56; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;39125
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3; 1899.2; 26-AUG-2009 21:27:54; Bright; 59.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 118; 0;39161
4; 2081.3; 26-AUG-2009 21:30:56; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;39161
5; 2542.6; 26-AUG-2009 21:38:38; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;39161
6; 3192.1; 26-AUG-2009 21:49:27; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39161
7; 3323.8; 26-AUG-2009 21:51:39; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39161
8; 4172.0; 26-AUG-2009 22:05:47; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;39161
9; 4376.0; 26-AUG-2009 22:09:11; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39161
10; 4587.0; 26-AUG-2009 22:12:42; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39161
11; 4765.7; 26-AUG-2009 22:15:41; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;39161
12; 5014.5; 26-AUG-2009 22:19:49; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;39161
13; 5123.5; 26-AUG-2009 22:21:38; Dark ; 63.5; 27; 24Gam Ori ; 1.64; 26000;occ; 127; 0;39161
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3; -578.2; 26-AUG-2009 22:27:13; Dark ; 73.5; 7; 19Bet Ori ; 0.10; 14000;occ; 147; 0;39161
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6; 398.3; 26-AUG-2009 22:43:29; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39162
7; 916.8; 26-AUG-2009 22:52:08; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39162
8; 1308.4; 26-AUG-2009 22:58:39; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39162
9; 1898.9; 26-AUG-2009 23:08:30; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;39162
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11; 2542.0; 26-AUG-2009 23:19:13; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39162
12; 3191.4; 26-AUG-2009 23:30:02; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39162
13; 3323.1; 26-AUG-2009 23:32:14; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39162
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15; 4376.2; 26-AUG-2009 23:49:47; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;39162
16; 4587.2; 26-AUG-2009 23:53:18; Dark ; 61.0; 28; 12Bet Tau ; 1.65; 15200;occ; 122; 0;39162
17; 4766.1; 26-AUG-2009 23:56:17; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;39162
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19; 5124.5; 27-AUG-2009 00:02:15; Dark ; 64.5; 27; 24Gam Ori ; 1.64; 26000;occ; 129; 0;39162
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4; 3197.8; 26-AUG-2009 08:24:45; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39153
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7; 4375.6; 26-AUG-2009 08:44:23; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39153
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11; 5116.1; 26-AUG-2009 08:56:44; Dark ; 63.0; 27; 24Gam Ori ; 1.64; 26000;occ; 126; 0;39153
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13; 5350.1; 26-AUG-2009 09:00:38; Dark ; 50.5; 56; 53Kap Ori ; 2.07; 30000;occ; 101; 0;39153
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15; 5595.4; 26-AUG-2009 09:04:43; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;39153
16; 5711.4; 26-AUG-2009 09:06:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39153
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18; 6947.4; 26-AUG-2009 09:27:15; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39153
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3; 2547.0; 26-AUG-2009 09:54:30; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39154
4; 3196.8; 26-AUG-2009 10:05:20; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39154
5; 3329.1; 26-AUG-2009 10:07:32; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39154
6; 4173.8; 26-AUG-2009 10:21:37; Bright; 69.0; 6; 13Alp Aur ; 0.08; 3400;occ; 138; 0;39154
7; 4375.7; 26-AUG-2009 10:24:59; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39154
8; 4585.3; 26-AUG-2009 10:28:29; Dark ; 58.0; 28; 12Bet Tau ; 1.65; 15200;occ; 116; 0;39154
9; 4763.6; 26-AUG-2009 10:31:27; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39154
10; 5010.0; 26-AUG-2009 10:35:33; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;39154
11; 5116.9; 26-AUG-2009 10:37:20; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;39154
12; 5234.2; 26-AUG-2009 10:39:18; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39154
13; 5350.9; 26-AUG-2009 10:41:14; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39154
14; 5449.4; 26-AUG-2009 10:42:53; Dark ; 67.0; 7; 19Bet Ori ; 0.10; 14000;occ; 134; 0;39154
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16; 5712.3; 26-AUG-2009 10:47:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39154
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3; 3196.0; 26-AUG-2009 11:45:55; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;39155
4; 3328.3; 26-AUG-2009 11:48:08; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39155
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6; 4375.7; 26-AUG-2009 12:05:35; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39155
7; 4585.6; 26-AUG-2009 12:09:05; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39155
8; 4763.8; 26-AUG-2009 12:12:03; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39155
9; 5010.6; 26-AUG-2009 12:16:10; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;39155
10; 5117.8; 26-AUG-2009 12:17:57; Dark ; 60.0; 27; 24Gam Ori ; 1.64; 26000;occ; 120; 0;39155
11; 5235.1; 26-AUG-2009 12:19:54; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;39155
12; 5351.8; 26-AUG-2009 12:21:51; Dark ; 49.0; 56; 53Kap Ori ; 2.07; 30000;occ; 98; 0;39155
13; 5450.5; 26-AUG-2009 12:23:30; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39155
14; 5597.3; 26-AUG-2009 12:25:57; Dark ; 49.5; 139; 9Bet Lep ; 2.83; 5600;occ; 99; 0;39155
15; 5713.3; 26-AUG-2009 12:27:53; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39155
16; 6426.9; 26-AUG-2009 12:39:46; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39155
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 17; 6949.5; 26-AUG-2009 14:29:05; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39156
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 15; 5599.3; 26-AUG-2009 15:47:10; Dark ; 55.0; 139; 9Bet Lep ; 2.83; 5600;occ; 110; 0;39157
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 13; 5436.1; 30-AUG-2009 16:59:11; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39215
 14; 5600.2; 30-AUG-2009 17:01:55; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39215
 15; 5776.8; 30-AUG-2009 17:04:51; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39215
 16; 6500.3; 30-AUG-2009 17:16:55; Dark ; 56.0; 157; The1Eri ; 2.91; 9300;occ; 112; 0;39215
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15; 2507.3; 31-AUG-2009 05:35:09; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39223
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 12; 5442.8; 31-AUG-2009 08:04:41; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39224
 13; 5610.4; 31-AUG-2009 08:07:28; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39224
 14; 5786.8; 31-AUG-2009 08:10:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39224
 15; 6511.6; 31-AUG-2009 08:22:30; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39224
 16; 6992.5; 31-AUG-2009 08:30:30; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;39224
 17; 7363.0; 31-AUG-2009 08:36:41; Dark ; 45.0; 18; 24Alp PsA ; 1.17; 9700;occ; 90; 0;39224

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 2; 2255.2; 31-AUG-2009 08:52:09; Bright; 48.5; 90; 54Alp Peg ; 2.49; 11000;occ; 97; 0;39225
 3; 2506.1; 31-AUG-2009 08:56:20; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39225
 4; 3149.4; 31-AUG-2009 09:07:03; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39225
 5; 3278.0; 31-AUG-2009 09:09:12; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39225
 6; 4158.2; 31-AUG-2009 09:23:52; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;39225
 7; 4378.1; 31-AUG-2009 09:27:32; Bright; 50.0; 107; 37The Aur ; 2.65; 11000;occ; 100; 0;39225
 8; 4683.9; 31-AUG-2009 09:32:38; Dark ; 61.0; 151; 13Mu Gem ; 2.89; 3000;occ; 122; 0;39225
 9; 4788.9; 31-AUG-2009 09:34:23; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;39225
 10; 5061.2; 31-AUG-2009 09:38:55; Dark ; 70.5; 14; 58Alp Ori ; 0.87; 3000;occ; 141; 0;39225
 11; 5308.1; 31-AUG-2009 09:43:02; Dark ; 64.5; 30; 46Eps Ori ; 1.69; 30000;occ; 129; 0;39225
 12; 5443.4; 31-AUG-2009 09:45:17; Dark ; 42.5; 47; 2Bet CMA ; 1.98; 28000;occ; 85; 0;39225
 13; 5611.6; 31-AUG-2009 09:48:06; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;39225
 14; 5787.9; 31-AUG-2009 09:51:02; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39225
 15; 6512.6; 31-AUG-2009 10:03:06; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39225
 16; 6993.1; 31-AUG-2009 10:11:07; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39225
 17; 7363.2; 31-AUG-2009 10:17:17; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39225

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 2; 2254.7; 31-AUG-2009 10:32:44; Bright; 47.5; 90; 54Alp Peg ; 2.49; 11000;occ; 95; 0;39226
 3; 2505.7; 31-AUG-2009 10:36:55; Bright; 43.0; 164; 44Eta Peg ; 2.95; 5400;occ; 86; 0;39226
 4; 3148.7; 31-AUG-2009 10:47:39; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39226
 5; 3277.3; 31-AUG-2009 10:49:47; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39226
 6; 4157.9; 31-AUG-2009 11:04:28; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39226
 7; 4378.2; 31-AUG-2009 11:08:08; Bright; 48.5; 107; 37The Aur ; 2.65; 11000;occ; 97; 0;39226
 8; 4684.2; 31-AUG-2009 11:13:14; Dark ; 64.0; 151; 13Mu Gem ; 2.89; 3000;occ; 128; 0;39226
 9; 4789.1; 31-AUG-2009 11:14:59; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39226
 10; 5061.9; 31-AUG-2009 11:19:32; Dark ; 75.0; 14; 58Alp Ori ; 0.87; 3000;occ; 150; 0;39226
 11; 5309.1; 31-AUG-2009 11:23:39; Dark ; 63.0; 30; 46Eps Ori ; 1.69; 30000;occ; 126; 0;39226
 12; 5444.1; 31-AUG-2009 11:25:54; Dark ; 47.5; 47; 2Bet CMA ; 1.98; 28000;occ; 95; 0;39226
 13; 5612.7; 31-AUG-2009 11:28:42; Dark ; 55.5; 101; 11Alp Lep ; 2.58; 7000;occ; 111; 0;39226
 14; 5789.0; 31-AUG-2009 11:31:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39226
 15; 6513.8; 31-AUG-2009 11:43:44; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39226
 16; 6993.6; 31-AUG-2009 11:51:43; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;39226
 17; 7363.4; 31-AUG-2009 11:57:53; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;39226

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 2; 2254.1; 31-AUG-2009 12:13:20; Bright; 49.0; 90; 54Alp Peg ; 2.49; 11000;occ; 98; 0;39227
 3; 2505.1; 31-AUG-2009 12:17:31; Bright; 41.0; 164; 44Eta Peg ; 2.95; 5400;occ; 82; 0;39227
 4; 3148.2; 31-AUG-2009 12:28:14; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39227
 5; 3276.6; 31-AUG-2009 12:30:22; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39227
 6; 4157.6; 31-AUG-2009 12:45:03; Bright; 73.0; 6; 13Alp Aur ; 0.08; 3400;occ; 146; 0;39227
 7; 4378.2; 31-AUG-2009 12:48:44; Bright; 51.5; 107; 37The Aur ; 2.65; 11000;occ; 103; 0;39227
 8; 4684.5; 31-AUG-2009 12:53:50; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;39227
 9; 4789.7; 31-AUG-2009 12:55:35; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;39227
 10; 5062.8; 31-AUG-2009 13:00:08; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;39227
 11; 5310.3; 31-AUG-2009 13:04:16; Dark ; 59.0; 30; 46Eps Ori ; 1.69; 30000;occ; 118; 0;39227
 12; 5445.0; 31-AUG-2009 13:06:31; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39227
 13; 5613.9; 31-AUG-2009 13:09:19; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39227
 14; 5790.2; 31-AUG-2009 13:12:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39227
 15; 6515.1; 31-AUG-2009 13:24:21; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39227
 16; 6994.1; 31-AUG-2009 13:32:20; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39227
 17; 7363.8; 31-AUG-2009 13:38:29; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39227

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 2; 2504.8; 31-AUG-2009 13:58:06; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39228
 3; 3147.5; 31-AUG-2009 14:08:49; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39228


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4; 3275.8; 31-AUG-2009 14:10:57; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39228
5; 4157.6; 31-AUG-2009 14:25:39; Bright; 62.0; 6; 13Alp Aur ; 0.08; 3400;occ; 124; 0;39228
6; 4378.3; 31-AUG-2009 14:29:20; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39228
7; 4684.9; 31-AUG-2009 14:34:26; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;39228
8; 4790.1; 31-AUG-2009 14:36:12; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39228
9; 5063.8; 31-AUG-2009 14:40:45; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39228
10; 5311.7; 31-AUG-2009 14:44:53; Dark ; 65.0; 30; 46Eps Ori ; 1.69; 30000;occ; 130; 0;39228
11; 5445.8; 31-AUG-2009 14:47:07; Dark ; 46.5; 47; 2Bet CMA ; 1.98; 28000;occ; 93; 0;39228
12; 5615.1; 31-AUG-2009 14:49:57; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;39228
13; 5791.4; 31-AUG-2009 14:52:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39228
14; 6516.3; 31-AUG-2009 15:04:58; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39228
15; 6994.7; 31-AUG-2009 15:12:56; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39228
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2; 2253.0; 31-AUG-2009 15:34:30; Bright; 47.5; 90; 54Alp Peg ; 2.49; 11000;occ; 95; 0;39229
3; 2504.2; 31-AUG-2009 15:38:42; Bright; 55.5; 164; 44Eta Peg ; 2.95; 5400;occ; 111; 0;39229
4; 3146.9; 31-AUG-2009 15:49:24; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39229
5; 3275.1; 31-AUG-2009 15:51:33; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39229
6; 4157.4; 31-AUG-2009 16:06:15; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;39229
7; 4378.1; 31-AUG-2009 16:09:56; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;39229
8; 4685.1; 31-AUG-2009 16:15:03; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;39229
9; 4790.5; 31-AUG-2009 16:16:48; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;39229
10; 5064.4; 31-AUG-2009 16:21:22; Dark ; 73.0; 14; 58Alp Ori ; 0.87; 3000;occ; 146; 0;39229
11; 5313.1; 31-AUG-2009 16:25:30; Dark ; 65.0; 30; 46Eps Ori ; 1.69; 30000;occ; 130; 0;39229
12; 5446.5; 31-AUG-2009 16:27:44; Dark ; 48.0; 47; 2Bet CMA ; 1.98; 28000;occ; 96; 0;39229
13; 5616.3; 31-AUG-2009 16:30:34; Dark ; 56.0; 101; 11Alp Lep ; 2.58; 7000;occ; 112; 0;39229
14; 5792.6; 31-AUG-2009 16:33:30; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39229
15; 6517.5; 31-AUG-2009 16:45:35; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39229
16; 6995.3; 31-AUG-2009 16:53:33; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;39229
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2; 2252.5; 31-AUG-2009 17:15:06; Bright; 47.0; 90; 54Alp Peg ; 2.49; 11000;occ; 94; 0;39230
3; 2503.7; 31-AUG-2009 17:19:17; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39230
4; 3146.3; 31-AUG-2009 17:30:00; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39230
5; 3274.4; 31-AUG-2009 17:32:08; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39230
6; 4157.1; 31-AUG-2009 17:46:51; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;39230
7; 4378.2; 31-AUG-2009 17:50:32; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39230
8; 4685.5; 31-AUG-2009 17:55:39; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;39230
9; 4790.9; 31-AUG-2009 17:57:24; Dark ; 49.0; 44; 24Gam Gem ; 1.93; 11000;occ; 98; 0;39230
10; 5314.3; 31-AUG-2009 18:06:08; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;39230
11; 5447.4; 31-AUG-2009 18:08:21; Dark ; 45.5; 47; 2Bet CMA ; 1.98; 28000;occ; 91; 0;39230
12; 5617.6; 31-AUG-2009 18:11:11; Dark ; 58.5; 101; 11Alp Lep ; 2.58; 7000;occ; 117; 0;39230
13; 5793.7; 31-AUG-2009 18:14:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39230
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3; 2503.2; 31-AUG-2009 18:59:53; Bright; 42.5; 164; 44Eta Peg ; 2.95; 5400;occ; 85; 0;39231
4; 3145.5; 31-AUG-2009 19:10:35; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39231
5; 3273.8; 31-AUG-2009 19:12:43; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39231
6; 4156.8; 31-AUG-2009 19:27:26; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39231
7; 4378.2; 31-AUG-2009 19:31:08; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39231
8; 4685.8; 31-AUG-2009 19:36:15; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;39231
9; 4791.2; 31-AUG-2009 19:38:01; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;39231
10; 5315.1; 31-AUG-2009 19:46:45; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;39231
11; 5447.9; 31-AUG-2009 19:48:57; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39231
12; 5618.7; 31-AUG-2009 19:51:48; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;39231
13; 5794.8; 31-AUG-2009 19:54:44; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39231
14; 6519.9; 31-AUG-2009 20:06:49; Dark ; 56.5; 157; The1Eri ; 2.91; 9300;occ; 113; 0;39231
15; 6996.5; 31-AUG-2009 20:14:46; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;39231

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