

GOMOS Daily Report 05-AUG-2010

Level 0 and Level 1 products

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

Item	Value
Time of report generation	08AUG2010 04:53:27
Data source version	GOMOS/5.01
Start time of products	05AUG2010 00:05:39
Stop time of products	05AUG2010 23:57:11
Store outputs in DB	Yes
Nb of level 1b prods	126
Nb of prods with errors	1

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

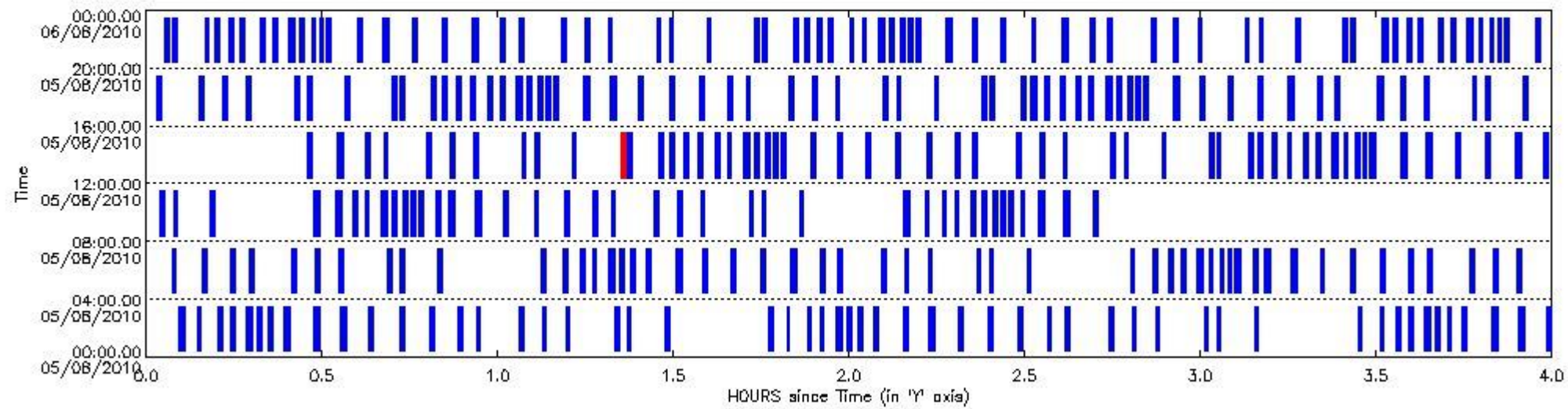
2.1 Level 0 products arrived in PCF (see template [here](#))

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
05-AUG-2010 13:20:59	27GamCas	76	44080

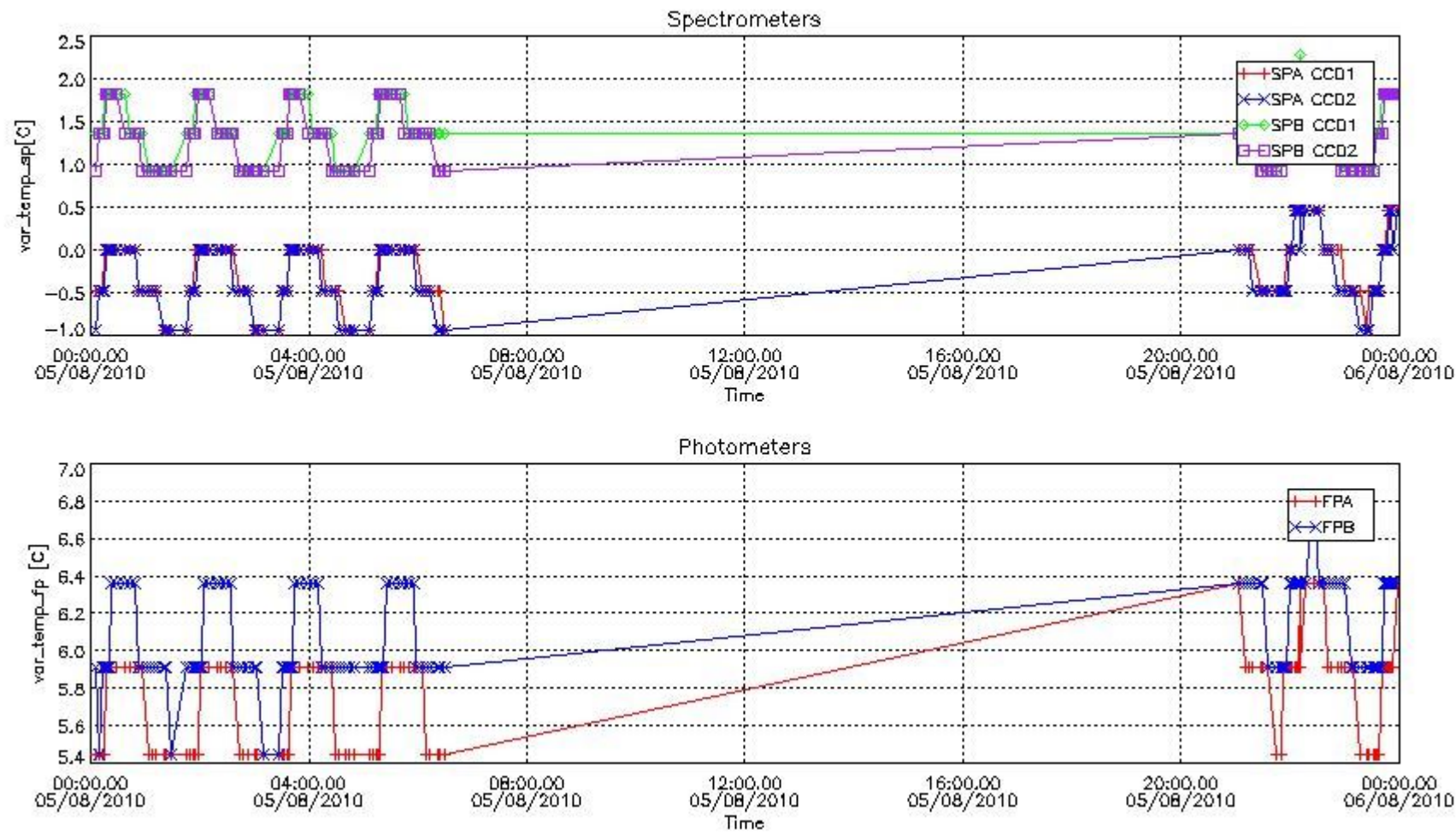
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100805_000539_000000512091_00431_44072_2562.N1	05-AUG-2010 00:05:39	Bright	51.000	175	39Del Per	3.0100	19400.	102	44072	No
2	GOM_TRA_1PNPDE20100805_000844_000000292091_00431_44072_2563.N1	05-AUG-2010 00:08:44	Twilight_stray	29.000	149	45Eps Per	2.8880	30000.	58	44072	No
3	GOM_TRA_1PNPDE20100805_001214_000000492091_00431_44072_2564.N1	05-AUG-2010 00:12:14	Bright	49.000	28	12Bet Tau	1.6500	15200.	98	44072	No
4	GOM_TRA_1PNPDE20100805_001422_000000412091_00431_44072_2565.N1	05-AUG-2010 00:14:22	Twilight_stray	41.000	176	23Zet Tau	3.0200	22000.	82	44072	No
5	GOM_TRA_1PNPDE20100805_001702_000000672091_00431_44072_2566.N1	05-AUG-2010 00:17:02	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	44072	No
6	GOM_TRA_1PNPDE20100805_001900_000000452091_00431_44072_2567.N1	05-AUG-2010 00:19:00	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	44072	No
7	GOM_TRA_1PNPDE20100805_002054_000000442091_00431_44072_2568.N1	05-AUG-2010 00:20:54	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	44072	No
8	GOM_TRA_1PNPDE20100805_002329_000000572091_00431_44072_2569.N1	05-AUG-2010 00:23:29	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	44072	No
9	GOM_TRA_1PNPDE20100805_002832_000000582091_00431_44072_2571.N1	05-AUG-2010 00:28:32	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	44072	No
10	GOM_TRA_1PNPDE20100805_003756_000000472091_00432_44073_2572.N1	05-AUG-2010 00:37:56	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44073	No

11	GOM_TRA_1PNPDE20100805_004311_000000542091_00432_44073_2573.N1	05-AUG-2010 00:43:11	Dark	53.500	9	Alp Eri	0.45300	24000.	107	44073	No
12	GOM_TRA_1PNPDE20100805_004816_000000552091_00432_44073_2574.N1	05-AUG-2010 00:48:16	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44073	No
13	GOM_TRA_1PNPDE20100805_005313_000000442091_00432_44073_2575.N1	05-AUG-2010 00:53:13	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	44073	No
14	GOM_TRA_1PNPDE20100805_005619_000000452091_00432_44073_2576.N1	05-AUG-2010 00:56:19	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44073	No
15	GOM_TRA_1PNPDE20100805_010342_000000482091_00432_44073_2577.N1	05-AUG-2010 01:03:42	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	44073	No
16	GOM_TRA_1PNPDE20100805_010740_000000322091_00432_44073_2578.N1	05-AUG-2010 01:07:40	Twilight	32.000	154	22Bet Aqr	2.8990	5700.0	64	44073	No
17	GOM_TRA_1PNPDE20100805_011144_000000372091_00432_44073_2579.N1	05-AUG-2010 01:11:44	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	44073	No
18	GOM_TRA_1PNPDE20100805_012000_000000432091_00432_44073_2580.N1	05-AUG-2010 01:20:00	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	44073	No
19	GOM_TRA_1PNPDE20100805_012212_000000352091_00432_44073_2581.N1	05-AUG-2010 01:22:12	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	44073	No
20	GOM_TRA_1PNPDE20100805_012836_000000422091_00432_44073_2582.N1	05-AUG-2010 01:28:36	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	44073	No
21	GOM_TRA_1PNPDE20100805_014614_000000492091_00432_44073_2583.N1	05-AUG-2010 01:46:14	Bright	49.000	175	39Del Per	3.0100	19400.	98	44073	No
22	GOM_TRA_1PNPDE20100805_014920_000000292091_00432_44073_2584.N1	05-AUG-2010 01:49:20	Twilight	29.000	149	45Eps Per	2.8880	30000.	58	44073	No
23	GOM_TRA_1PNPDE20100805_015250_000000442091_00432_44073_2585.N1	05-AUG-2010 01:52:50	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	44073	No
24	GOM_TRA_1PNPDE20100805_015458_000000432091_00432_44073_2586.N1	05-AUG-2010 01:54:58	Twilight	42.500	176	23Zet Tau	3.0200	22000.	85	44073	No
25	GOM_TRA_1PNPDE20100805_015739_000000672091_00432_44073_2587.N1	05-AUG-2010 01:57:39	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	44073	No
26	GOM_TRA_1PNPDE20100805_015936_000000442091_00432_44073_2588.N1	05-AUG-2010 01:59:36	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	44073	No
27	GOM_TRA_1PNPDE20100805_020131_000000432091_00432_44073_2589.N1	05-AUG-2010 02:01:31	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	44073	No
28	GOM_TRA_1PNPDE20100805_020405_000000512091_00432_44073_2601.N1	05-AUG-2010 02:04:05	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	44073	No
29	GOM_TRA_1PNPDE20100805_020909_000000602091_00432_44073_2602.N1	05-AUG-2010 02:09:09	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	44073	No
30	GOM_TRA_1PNPDE20100805_021833_000000482091_00433_44074_2603.N1	05-AUG-2010 02:18:33	Dark	47.500	157	The1Eri	2.9060	9300.0	95	44074	No
31	GOM_TRA_1PNPDE20100805_022347_000000452091_00433_44074_2604.N1	05-AUG-2010 02:23:47	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44074	No
32	GOM_TRA_1PNPDE20100805_022853_000000532091_00433_44074_2605.N1	05-AUG-2010 02:28:53	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44074	No
33	GOM_TRA_1PNPDE20100805_023349_000000452091_00433_44074_2606.N1	05-AUG-2010 02:33:49	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44074	No
34	GOM_TRA_1PNPDE20100805_023655_000000462091_00433_44074_2607.N1	05-AUG-2010 02:36:55	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44074	No
35	GOM_TRA_1PNPDE20100805_024418_000000512091_00433_44074_2608.N1	05-AUG-2010 02:44:18	Bright	51.000	142	49Del Cap	2.8500	8900.0	102	44074	No
36	GOM_TRA_1PNPDE20100805_024816_000000392091_00433_44074_2609.N1	05-AUG-2010 02:48:16	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44074	No
37	GOM_TRA_1PNPDE20100805_025220_000000372091_00433_44074_2610.N1	05-AUG-2010 02:52:20	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	44074	No
38	GOM_TRA_1PNPDE20100805_030036_000000442091_00433_44074_2611.N1	05-AUG-2010 03:00:36	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	44074	No
39	GOM_TRA_1PNPDE20100805_030248_000000372091_00433_44074_2612.N1	05-AUG-2010 03:02:48	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44074	No
40	GOM_TRA_1PNPDE20100805_030911_000000372091_00433_44074_2613.N1	05-AUG-2010 03:09:11	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44074	No
41	GOM_TRA_1PNPDE20100805_032650_000000442091_00433_44074_2632.N1	05-AUG-2010 03:26:50	Bright	44.000	175	39Del Per	3.0100	19400.	88	44074	No
42	GOM_TRA_1PNPDE20100805_033035_000000362091_00433_44074_2633.N1	05-AUG-2010 03:30:35	Bright	36.000	107	37The Aur	2.6490	11000.	72	44074	No
43	GOM_TRA_1PNPDE20100805_033326_000000482091_00433_44074_2634.N1	05-AUG-2010 03:33:26	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	44074	No
44	GOM_TRA_1PNPDE20100805_033534_000000422091_00433_44074_2635.N1	05-AUG-2010 03:35:34	Twilight	42.000	176	23Zet Tau	3.0200	22000.	84	44074	No
45	GOM_TRA_1PNPDE20100805_033815_000000582091_00433_44074_2636.N1	05-AUG-2010 03:38:15	Dark	57.500	13	87Alp Tau	0.86700	3800.0	115	44074	No
46	GOM_TRA_1PNPDE20100805_034012_000000432091_00433_44074_2637.N1	05-AUG-2010 03:40:12	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	44074	No
47	GOM_TRA_1PNPDE20100805_034208_000000412091_00433_44074_2638.N1	05-AUG-2010 03:42:08	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	44074	No
48	GOM_TRA_1PNPDE20100805_034442_000000492091_00433_44074_2639.N1	05-AUG-2010 03:44:42	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	44074	No
49	GOM_TRA_1PNPDE20100805_034946_000000582091_00433_44074_2640.N1	05-AUG-2010 03:49:46	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	44074	No
50	GOM_TRA_1PNPDE20100805_035910_000000472091_00434_44075_2641.N1	05-AUG-2010 03:59:10	Dark	47.000	157	The1Eri	2.9060	9300.0	94	44075	No
51	GOM_TRA_1PNPDE20100805_040424_000000422091_00434_44075_2642.N1	05-AUG-2010 04:04:24	Dark	42.000	9	Alp Eri	0.45300	24000.	84	44075	No
52	GOM_TRA_1PNPDE20100805_040930_000000552091_00434_44075_2643.N1	05-AUG-2010 04:09:30	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44075	No
53	GOM_TRA_1PNPDE20100805_041426_000000442091_00434_44075_2644.N1	05-AUG-2010 04:14:26	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	44075	No
54	GOM_TRA_1PNPDE20100805_041732_000000442091_00434_44075_2645.N1	05-AUG-2010 04:17:32	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	44075	No
55	GOM_TRA_1PNPDE20100805_042454_000000512091_00434_44075_2646.N1	05-AUG-2010 04:24:54	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	44075	No
56	GOM_TRA_1PNPDE20100805_042852_000000392091_00434_44075_2647.N1	05-AUG-2010 04:28:52	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44075	No
57	GOM_TRA_1PNPDE20100805_043256_000000382091_00434_44075_2648.N1	05-AUG-2010 04:32:56	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	44075	No
58	GOM_TRA_1PNPDE20100805_044111_000000452091_00434_44075_2649.N1	05-AUG-2010 04:41:11	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	44075	No
59	GOM_TRA_1PNPDE20100805_044324_000000372091_00434_44075_2650.N1	05-AUG-2010 04:43:24	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	44075	No
60	GOM_TRA_1PNPDE20100805_044947_000000402091_00434_44075_2651.N1	05-AUG-2010 04:49:47	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44075	No
61	GOM_TRA_1PNPDE20100805_050725_000000482091_00434_44075_2659.N1	05-AUG-2010 05:07:25	Bright	48.000	175	39Del Per	3.0100	19400.	96	44075	No
62	GOM_TRA_1PNPDE20100805_051111_000000542091_00434_44075_2660.N1	05-AUG-2010 05:11:11	Bright	54.000	107	37The Aur	2.6490	11000.	108	44075	No
63	GOM_TRA_1PNPDE20100805_051403_000000462091_00434_44075_2661.N1	05-AUG-2010 05:14:03	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	44075	No
64	GOM_TRA_1PNPDE20100805_051610_000000422091_00434_44075_2662.N1	05-AUG-2010 05:16:10	Twilight	41.500	176	23Zet Tau	3.0200	22000.	83	44075	No
65	GOM_TRA_1PNPDE20100805_051852_000000612091_00434_44075_2663.N1	05-AUG-2010 05:18:52	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	44075	No
66	GOM_TRA_1PNPDE20100805_052049_000000422091_00434_44075_2664.N1	05-AUG-2010 05:20:49	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	44075	No
67	GOM_TRA_1PNPDE20100805_052244_000000392091_00434_44075_2665.N1	05-AUG-2010 05:22:44	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	44075	No
68	GOM_TRA_1PNPDE20100805_052518_000000522091_00434_44075_2666.N1	05-AUG-2010 05:25:18	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	44075	No
69	GOM_TRA_1PNPDE20100805_053023_000000662091_00434_44075_2667.N1	05-AUG-2010 05:30:23	Dark	66.000	165	34Gam Eri	2.9500	3200.0	132	44075	No

70	GOM_TRA_1PNPDE20100805_053947_000000462091_00435_44076_2668.N1	05-AUG-2010 05:39:47	Dark	46.000	157	The1Eri	2.9060	9300.0	92	44076	No
71	GOM_TRA_1PNPDE20100805_054501_000000422091_00435_44076_2669.N1	05-AUG-2010 05:45:01	Dark	42.000	9	Alp Eri	0.45300	24000.	84	44076	No
72	GOM_TRA_1PNPDE20100805_055007_000000652091_00435_44076_2670.N1	05-AUG-2010 05:50:07	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	44076	No
73	GOM_TRA_1PNPDE20100805_055502_000000492091_00435_44076_2671.N1	05-AUG-2010 05:55:02	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	44076	No
74	GOM_TRA_1PNPDE20100805_055808_000000452091_00435_44076_2672.N1	05-AUG-2010 05:58:08	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44076	No
75	GOM_TRA_1PNPDE20100805_060530_000000492091_00435_44076_2673.N1	05-AUG-2010 06:05:30	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	44076	No
76	GOM_TRA_1PNPDE20100805_060928_000000452091_00435_44076_2674.N1	05-AUG-2010 06:09:28	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	44076	No
77	GOM_TRA_1PNPDE20100805_061332_000000382091_00435_44076_2675.N1	05-AUG-2010 06:13:32	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	44076	No
78	GOM_TRA_1PNPDE20100805_062147_000000462091_00435_44076_2676.N1	05-AUG-2010 06:21:47	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44076	No
79	GOM_TRA_1PNPDE20100805_062359_000000392091_00435_44076_2677.N1	05-AUG-2010 06:23:59	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	44076	No
80	GOM_TRA_1PNPDE20100805_063023_000000392091_00435_44076_2678.N1	05-AUG-2010 06:30:23	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44076	No
81	GOM_TRA_1PNPDE20100805_210335_000000462091_00444_44085_2803.N1	05-AUG-2010 21:03:35	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	44085	No
82	GOM_TRA_1PNPDE20100805_211054_000000512091_00444_44085_2804.N1	05-AUG-2010 21:10:54	Bright	51.000	142	49Del Cap	2.8500	8900.0	102	44085	No
83	GOM_TRA_1PNPDE20100805_211450_000000512091_00444_44085_2805.N1	05-AUG-2010 21:14:50	Bright	50.500	154	22Bet Aqr	2.8990	5700.0	101	44085	No
84	GOM_TRA_1PNPDE20100805_211855_000000372091_00444_44085_2806.N1	05-AUG-2010 21:18:55	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	44085	No
85	GOM_TRA_1PNPDE20100805_212707_000000422091_00444_44085_2807.N1	05-AUG-2010 21:27:07	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	44085	No
86	GOM_TRA_1PNPDE20100805_212921_000000372091_00444_44085_2808.N1	05-AUG-2010 21:29:21	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44085	No
87	GOM_TRA_1PNPDE20100805_213543_000000402091_00444_44085_2809.N1	05-AUG-2010 21:35:43	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44085	No
88	GOM_TRA_1PNPDE20100805_214348_000000472091_00444_44085_2810.N1	05-AUG-2010 21:43:48	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44085	No
89	GOM_TRA_1PNPDE20100805_214507_000000442091_00444_44085_2811.N1	05-AUG-2010 21:45:07	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	44085	No
90	GOM_TRA_1PNPDE20100805_215031_000000492091_00444_44085_2812.N1	05-AUG-2010 21:50:31	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44085	No
91	GOM_TRA_1PNPDE20100805_215217_000000502091_00444_44085_2813.N1	05-AUG-2010 21:52:17	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	44085	No
92	GOM_TRA_1PNPDE20100805_215439_000000462091_00444_44085_2814.N1	05-AUG-2010 21:54:39	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	44085	No
93	GOM_TRA_1PNPDE20100805_215630_000000502091_00444_44085_2815.N1	05-AUG-2010 21:56:30	Bright	49.500	149	45Eps Per	2.8880	30000.	99	44085	No
94	GOM_TRA_1PNPDE20100805_220004_000000472091_00444_44085_2816.N1	05-AUG-2010 22:00:04	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	44085	No
95	GOM_TRA_1PNPDE20100805_220212_000000422091_00444_44085_2817.N1	05-AUG-2010 22:02:12	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	44085	No
96	GOM_TRA_1PNPDE20100805_220455_000000642091_00444_44085_2818.N1	05-AUG-2010 22:04:55	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	44085	No
97	GOM_TRA_1PNPDE20100805_220652_000000462091_00444_44085_2819.N1	05-AUG-2010 22:06:52	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	44085	No
98	GOM_TRA_1PNPDE20100805_220847_000000422091_00444_44085_2820.N1	05-AUG-2010 22:08:47	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	44085	No
99	GOM_TRA_1PNPDE20100805_221008_000000412091_00444_44085_2821.N1	05-AUG-2010 22:10:08	Dark	41.000	125	44Iot Ori	2.7700	30000.	82	44085	No
100	GOM_TRA_1PNPDE20100805_221123_000000582091_00444_44085_2825.N1	05-AUG-2010 22:11:23	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	44085	No
101	GOM_TRA_1PNPDE20100805_221634_000000612091_00444_44085_2826.N1	05-AUG-2010 22:16:34	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	44085	No
102	GOM_TRA_1PNPDE20100805_222557_000000472091_00445_44086_2827.N1	05-AUG-2010 22:25:57	Dark	47.000	157	The1Eri	2.9060	9300.0	94	44086	No
103	GOM_TRA_1PNPDE20100805_223107_000000482091_00445_44086_2828.N1	05-AUG-2010 22:31:07	Dark	48.000	9	Alp Eri	0.45300	24000.	96	44086	No
104	GOM_TRA_1PNPDE20100805_223616_000000622091_00445_44086_2829.N1	05-AUG-2010 22:36:16	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	44086	No
105	GOM_TRA_1PNPDE20100805_224107_000000452091_00445_44086_2830.N1	05-AUG-2010 22:41:07	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44086	No
106	GOM_TRA_1PNPDE20100805_224412_000000442091_00445_44086_2831.N1	05-AUG-2010 22:44:12	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	44086	No
107	GOM_TRA_1PNPDE20100805_225130_000000492091_00445_44086_2832.N1	05-AUG-2010 22:51:30	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	44086	No
108	GOM_TRA_1PNPDE20100805_225525_000000502091_00445_44086_2833.N1	05-AUG-2010 22:55:25	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	44086	No
109	GOM_TRA_1PNPDE20100805_225931_000000372091_00445_44086_2834.N1	05-AUG-2010 22:59:31	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	44086	No
110	GOM_TRA_1PNPDE20100805_230742_000000392091_00445_44086_2835.N1	05-AUG-2010 23:07:42	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	44086	No
111	GOM_TRA_1PNPDE20100805_230957_000000382091_00445_44086_2836.N1	05-AUG-2010 23:09:57	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44086	No
112	GOM_TRA_1PNPDE20100805_231618_000000422091_00445_44086_2837.N1	05-AUG-2010 23:16:18	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	44086	No
113	GOM_TRA_1PNPDE20100805_232424_000000472091_00445_44086_2838.N1	05-AUG-2010 23:24:24	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44086	No
114	GOM_TRA_1PNPDE20100805_232542_000000432091_00445_44086_2839.N1	05-AUG-2010 23:25:42	Bright	43.000	110	37Del Cas	2.6780	8900.0	86	44086	No
115	GOM_TRA_1PNPDE20100805_233107_000000522091_00445_44086_2840.N1	05-AUG-2010 23:31:07	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	44086	No
116	GOM_TRA_1PNPDE20100805_233252_000000542091_00445_44086_2841.N1	05-AUG-2010 23:32:52	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	44086	No
117	GOM_TRA_1PNPDE20100805_233514_000000572091_00445_44086_2842.N1	05-AUG-2010 23:35:14	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	44086	No
118	GOM_TRA_1PNPDE20100805_233706_000000512091_00445_44086_2843.N1	05-AUG-2010 23:37:06	Bright	50.500	149	45Eps Per	2.8880	30000.	101	44086	No
119	GOM_TRA_1PNPDE20100805_234040_000000472091_00445_44086_2844.N1	05-AUG-2010 23:40:40	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	44086	No
120	GOM_TRA_1PNPDE20100805_234249_000000422091_00445_44086_2845.N1	05-AUG-2010 23:42:49	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	44086	No
121	GOM_TRA_1PNPDE20100805_234532_000000612091_00445_44086_2846.N1	05-AUG-2010 23:45:32	Dark	60.500	13	87Alp Tau	0.86700	3800.0	121	44086	No
122	GOM_TRA_1PNPDE20100805_234728_000000462091_00445_44086_2847.N1	05-AUG-2010 23:47:28	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	44086	No
123	GOM_TRA_1PNPDE20100805_234923_000000452091_00445_44086_2848.N1	05-AUG-2010 23:49:23	Dark	44.500	30	46Eps Ori	1.6940	30000.	89	44086	No
124	GOM_TRA_1PNPDE20100805_235044_000000402091_00445_44086_2849.N1	05-AUG-2010 23:50:44	Dark	40.000	125	44Iot Ori	2.7700	30000.	80	44086	No
125	GOM_TRA_1PNPDE20100805_235159_000000482091_00445_44086_2846.N1	05-AUG-2010 23:51:59	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	44086	Yes
126	GOM_TRA_1PNPDE20100805_235711_000000602091_00445_44086_2847.N1	05-AUG-2010 23:57:11	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	44086	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).

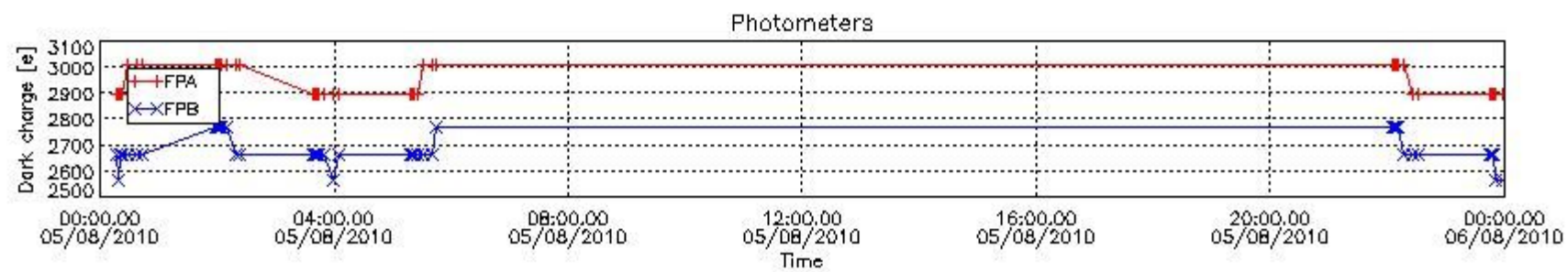
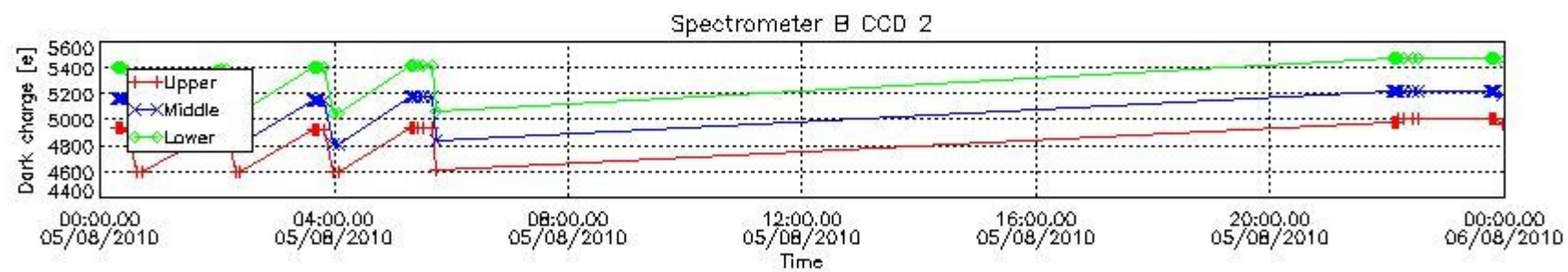
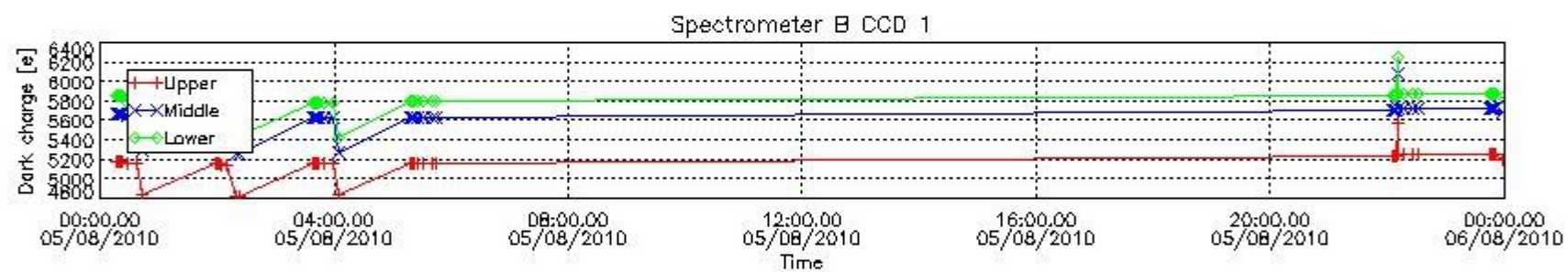
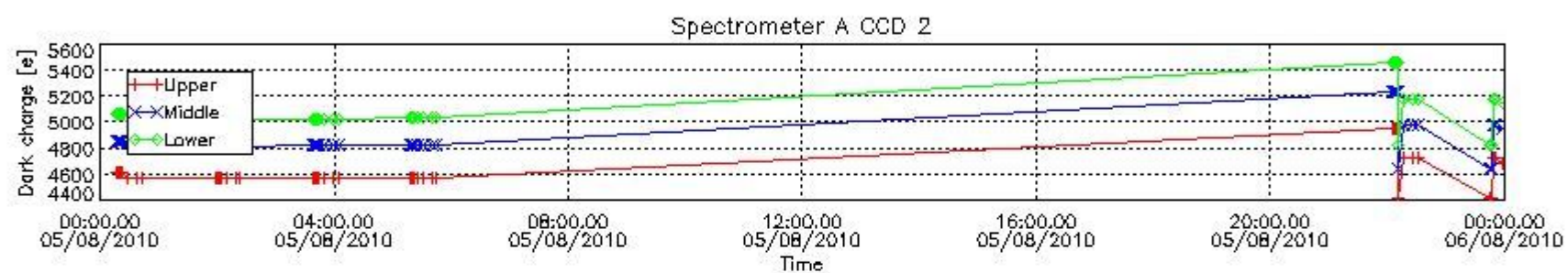
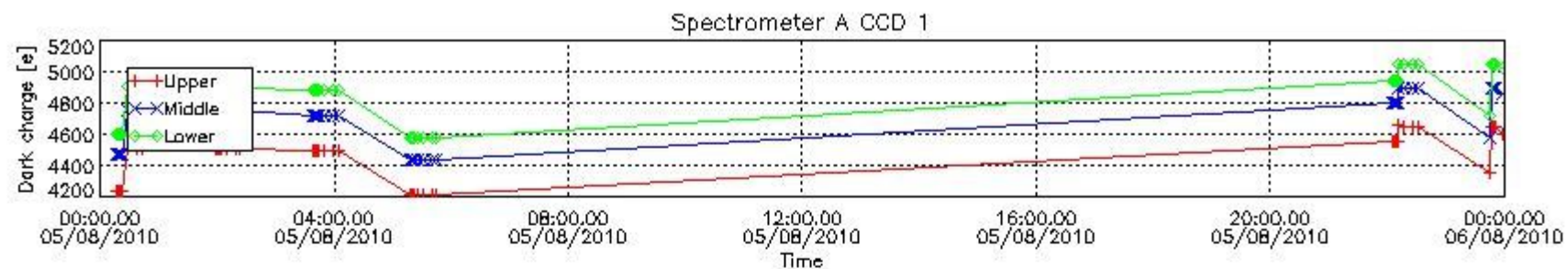
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20100805_210335_000000462091_00444_44085_2803.N1	DC map used
GOM_TRA_1PNPDE20100805_211054_000000512091_00444_44085_2804.N1	DC map used
GOM_TRA_1PNPDE20100805_211450_000000512091_00444_44085_2805.N1	DC map used
GOM_TRA_1PNPDE20100805_211855_000000372091_00444_44085_2806.N1	DC map used
GOM_TRA_1PNPDE20100805_212707_000000422091_00444_44085_2807.N1	DC map used
GOM_TRA_1PNPDE20100805_212921_000000372091_00444_44085_2808.N1	DC map used
GOM_TRA_1PNPDE20100805_213543_000000402091_00444_44085_2809.N1	DC map used
GOM_TRA_1PNPDE20100805_214348_000000472091_00444_44085_2810.N1	DC map used
GOM_TRA_1PNPDE20100805_214507_000000442091_00444_44085_2811.N1	DC map used
GOM_TRA_1PNPDE20100805_215031_000000492091_00444_44085_2812.N1	DC map used
GOM_TRA_1PNPDE20100805_215217_000000502091_00444_44085_2813.N1	DC map used
GOM_TRA_1PNPDE20100805_215439_000000462091_00444_44085_2814.N1	DC map used

GOM_TRA_1PNPDE20100805_215630_000000502091_00444_44085_2815.N1	DC map used
GOM_TRA_1PNPDE20100805_220004_000000472091_00444_44085_2816.N1	DC map used
GOM_TRA_1PNPDE20100805_220212_000000422091_00444_44085_2817.N1	DC map used
GOM_TRA_1PNPDE20100805_220455_000000642091_00444_44085_2818.N1	DC map used
GOM_TRA_1PNPDE20100805_220652_000000462091_00444_44085_2819.N1	DC map used
GOM_TRA_1PNPDE20100805_220847_000000422091_00444_44085_2820.N1	DC map used
GOM_TRA_1PNPDE20100805_221008_000000412091_00444_44085_2821.N1	DC map used

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



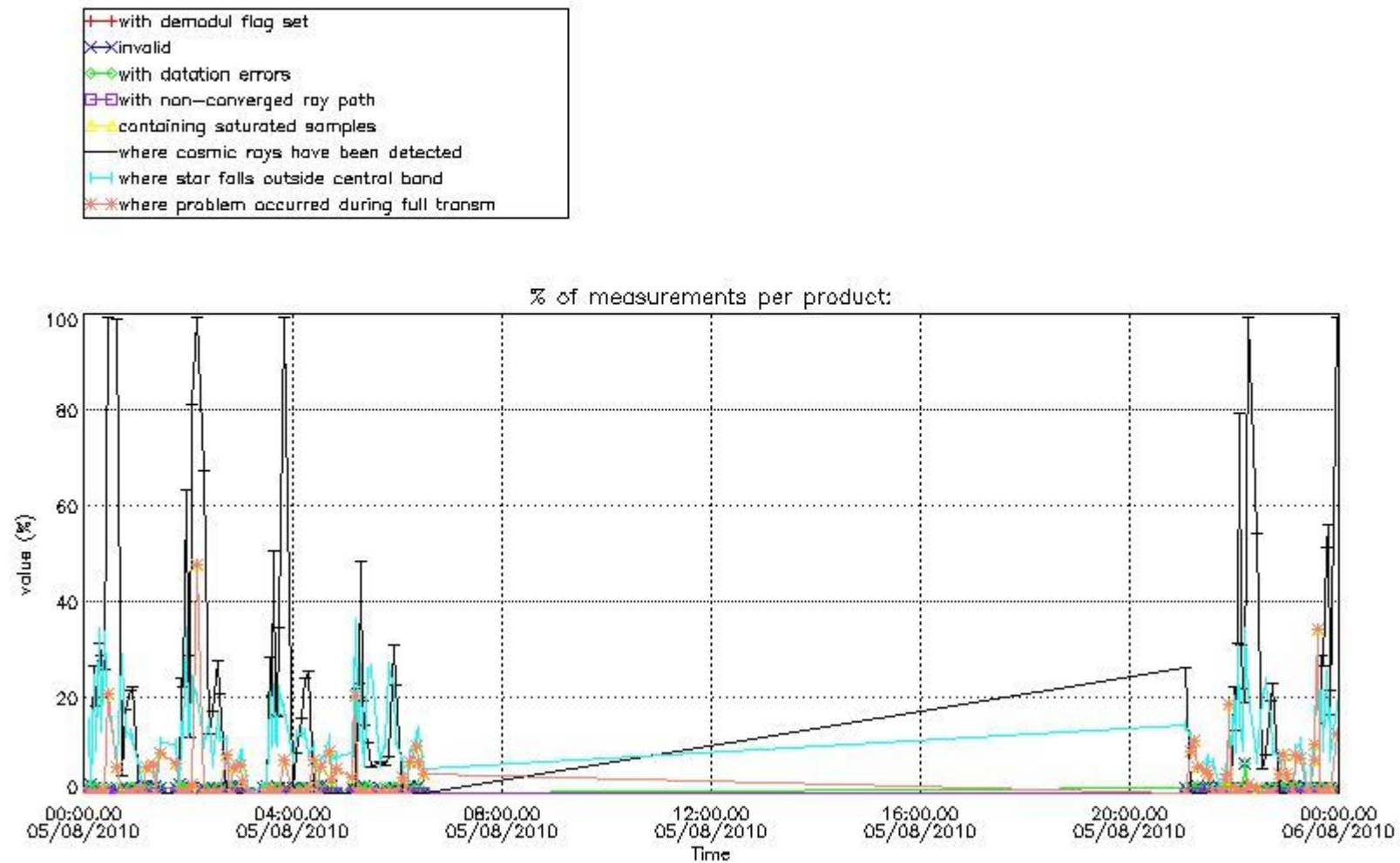
5. Demodulation flag and quality information monitoring

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.

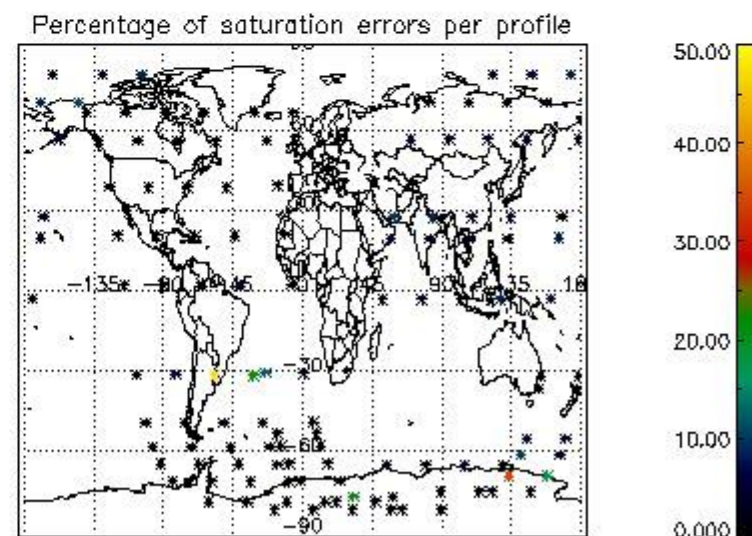
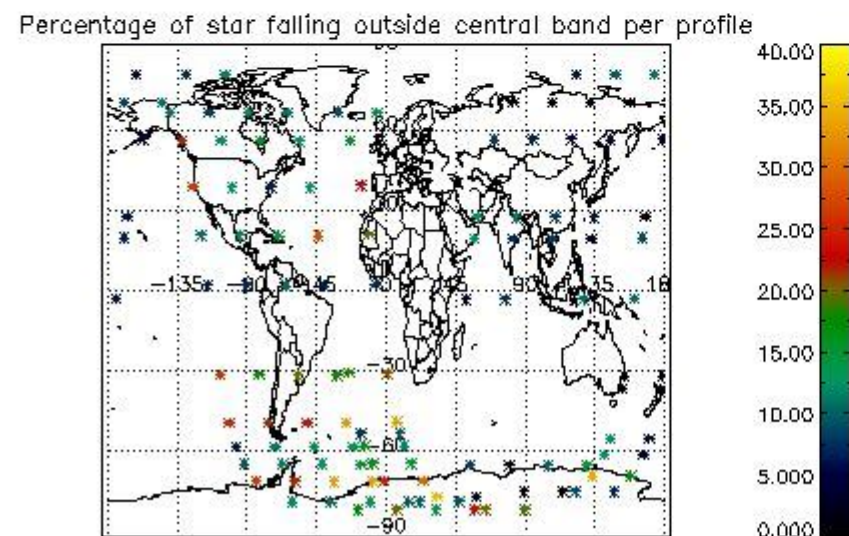
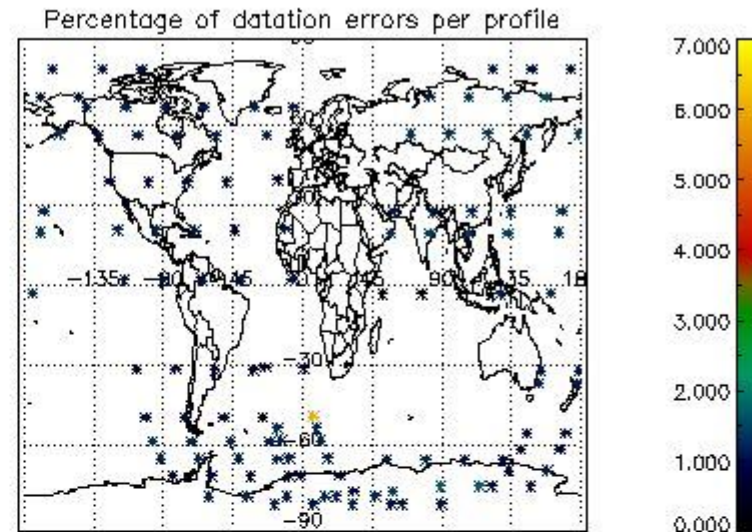
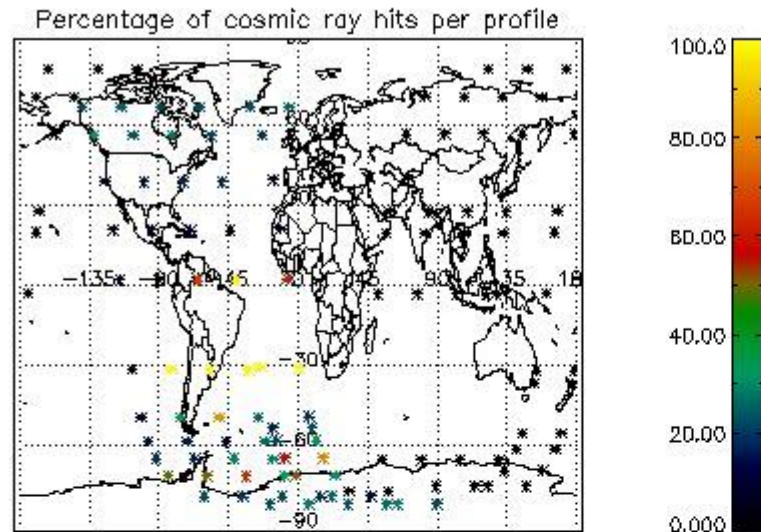
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	44.0000 %
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)



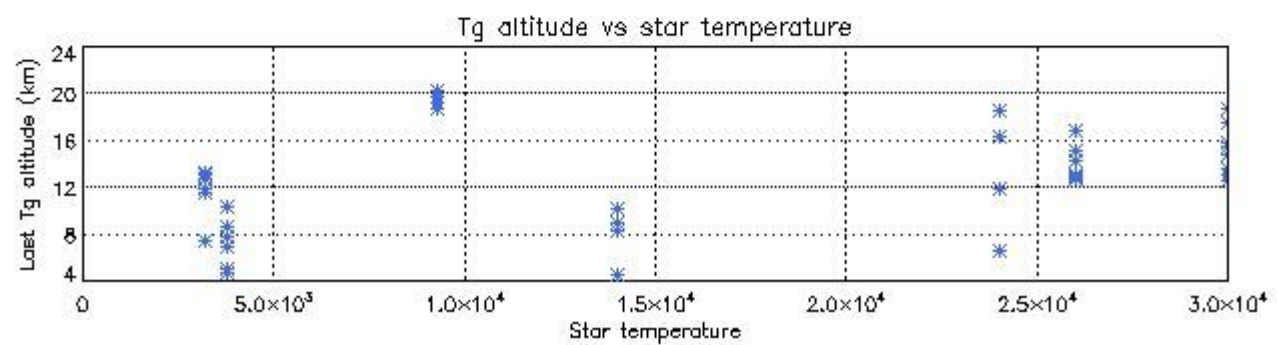
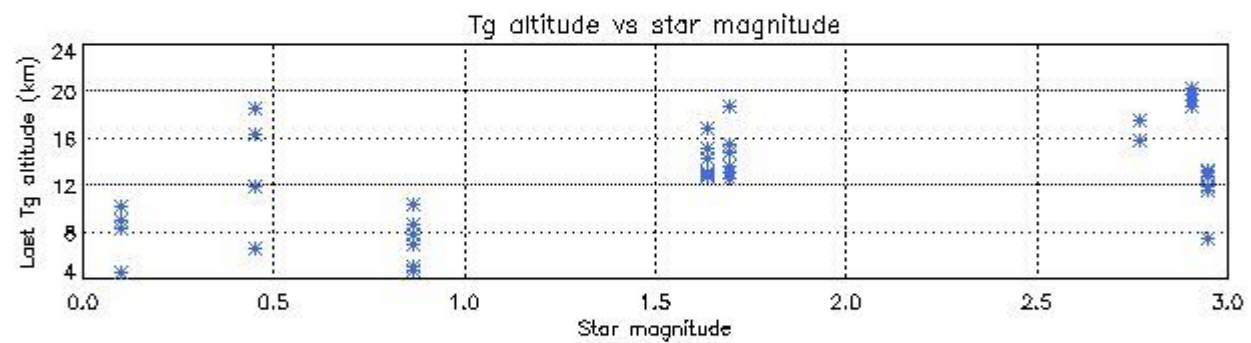
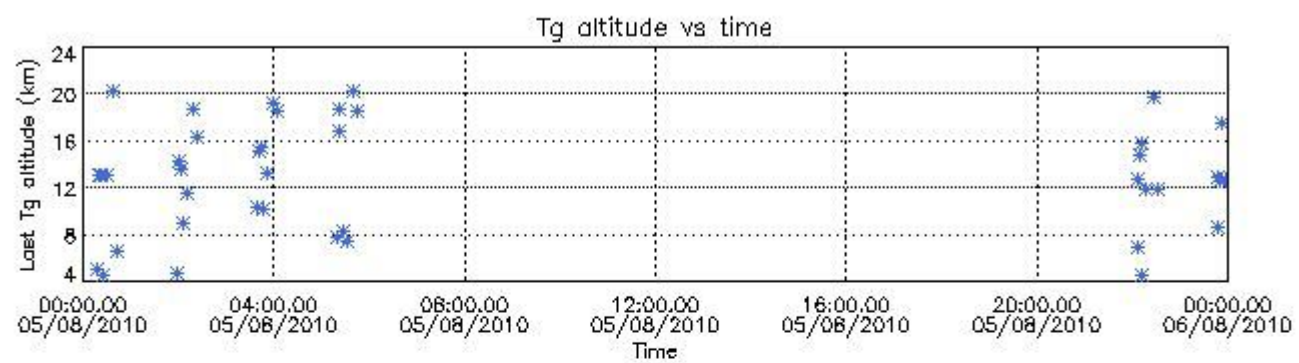
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	12.828	20.184	NaN
St. deviation:	4.6659	6.5432	NaN
Maximum:	20.276	40.291	NaN
Minimum:	4.5575	4.0230	NaN
Number of data:	41.000	59.000	NaN

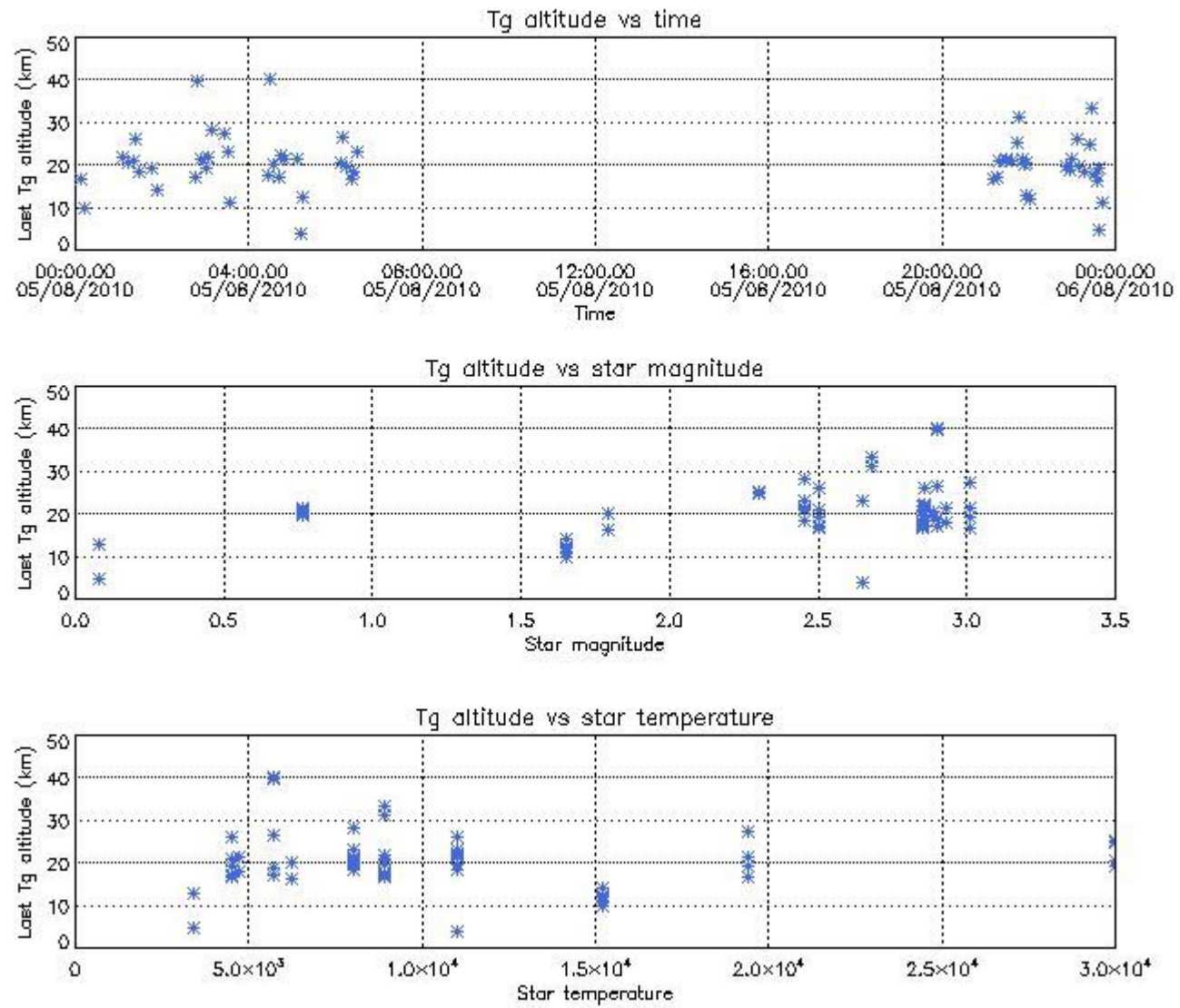
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

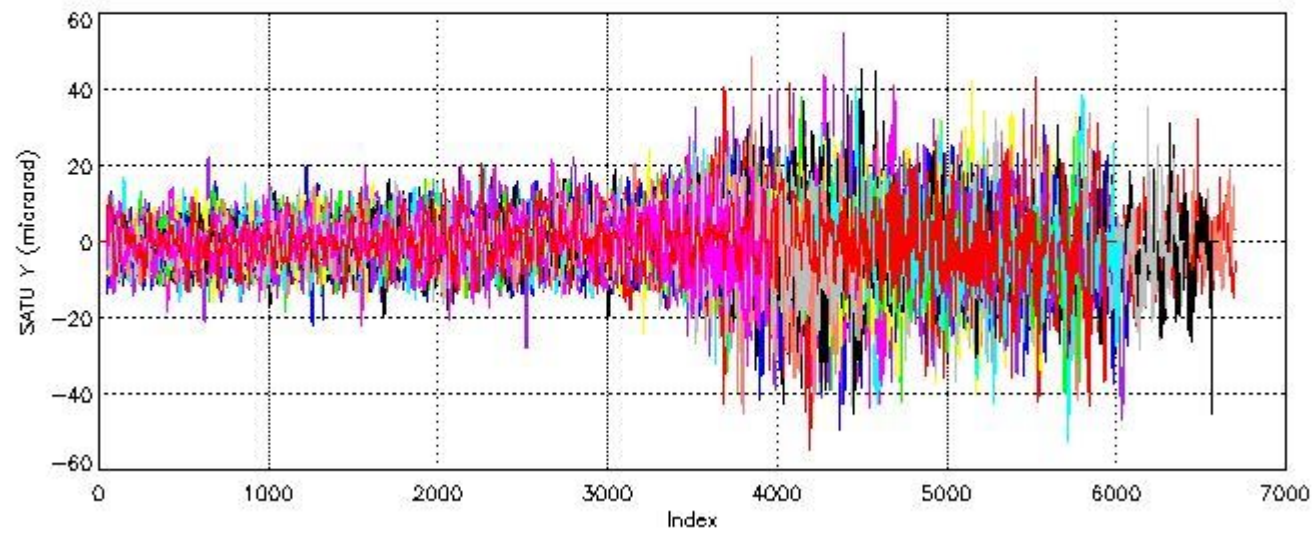
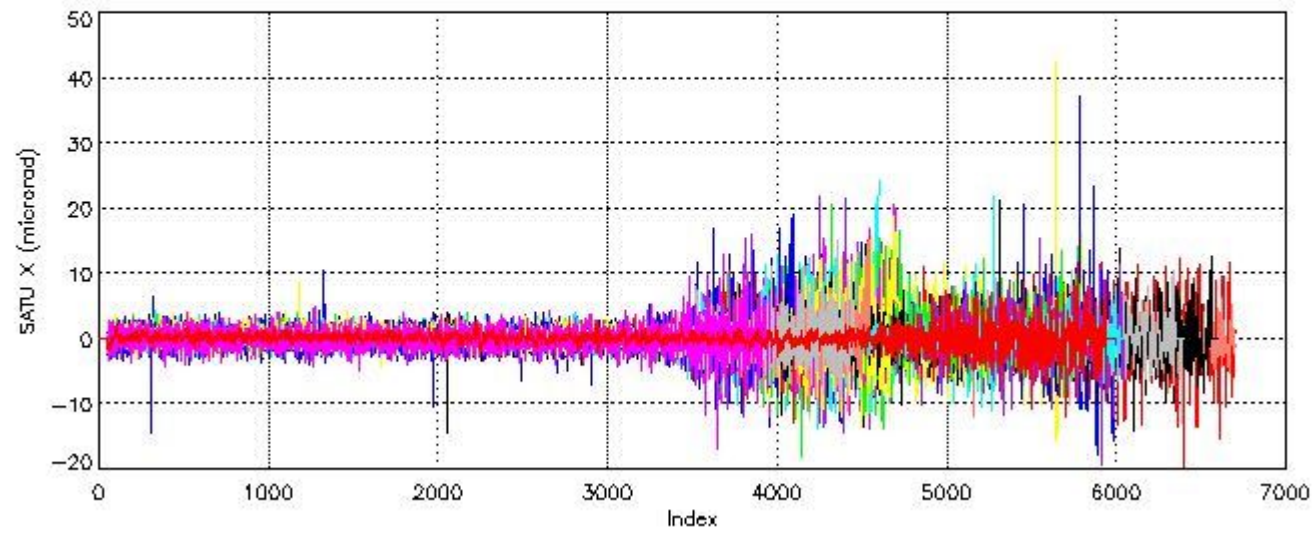


7. Star Acquisition and Tracking Unit (SATU)

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:	0.16088	-0.98814	0.23399	-0.80567
St. deviation:	0.52815	4.1387	0.91114	4.2887
Maximum:	8.4000	22.200	9.5000	18.900
Minimum:	-14.400	-21.000	-5.6000	-24.600

Number of data:	42550.	42550.	60650.	60650.
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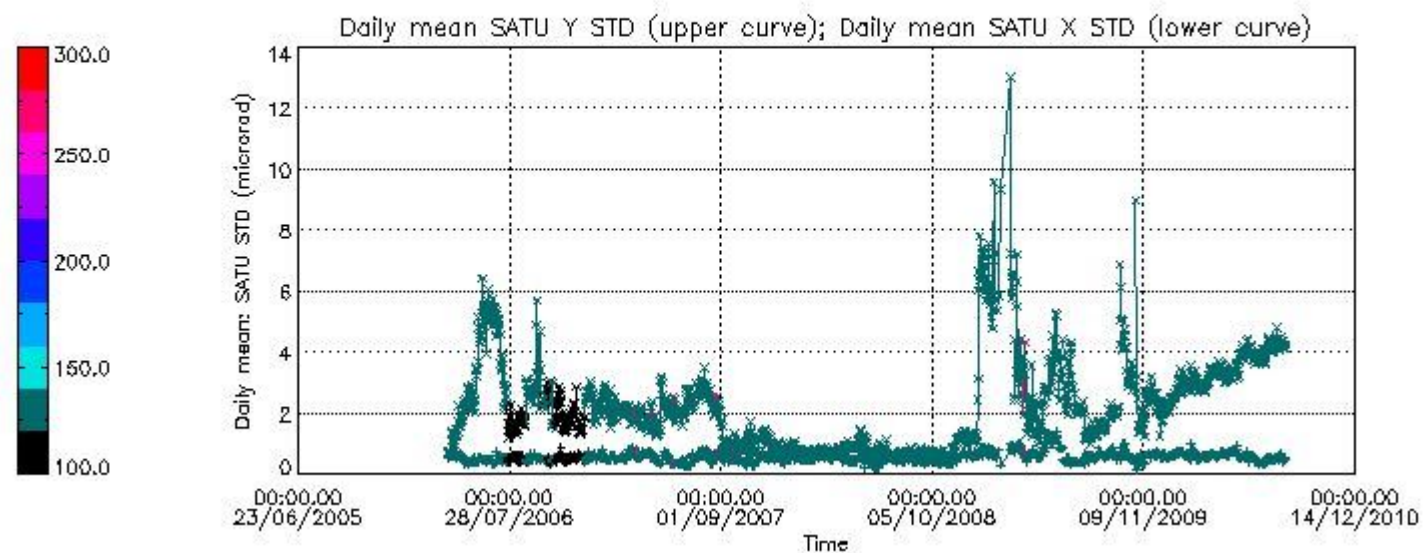
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

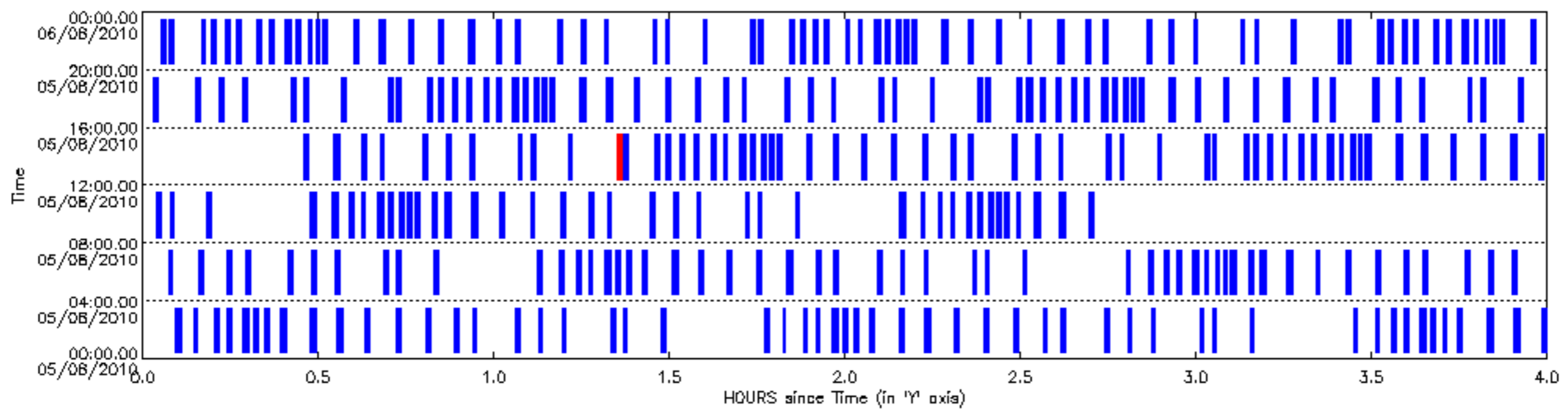
Lower curve: STD of SATU X axis

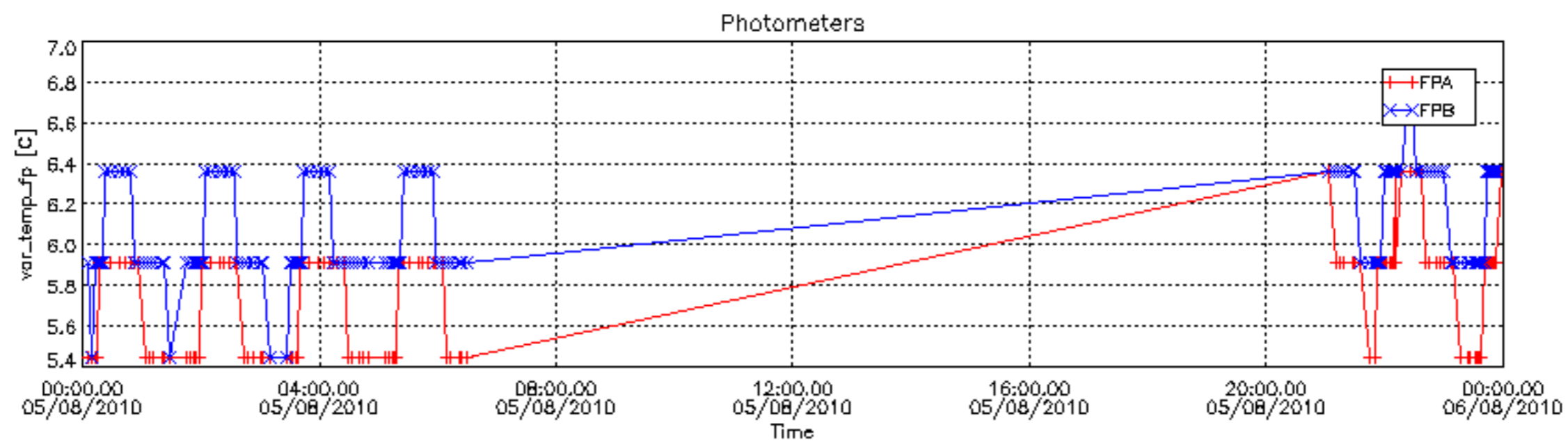
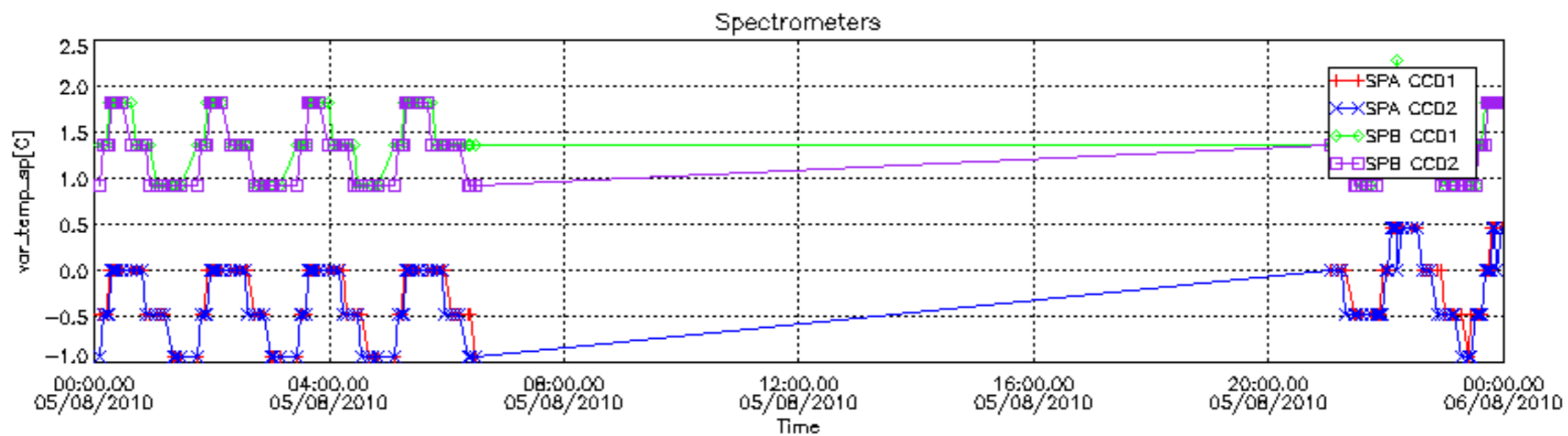


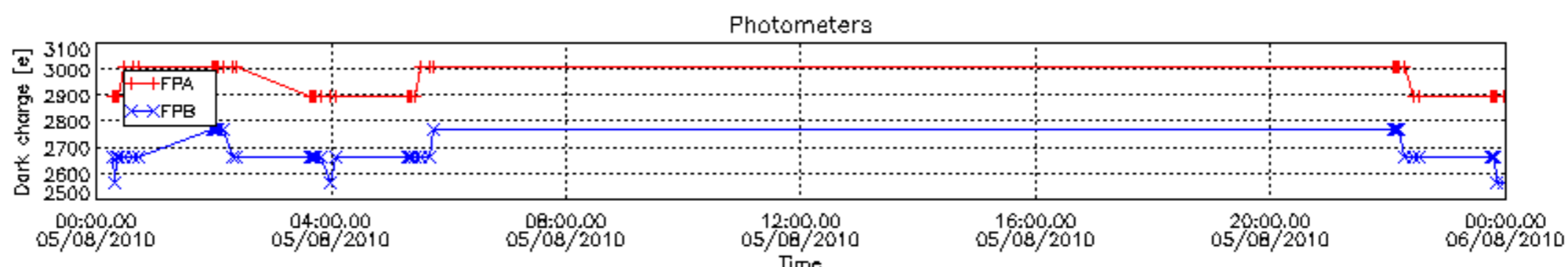
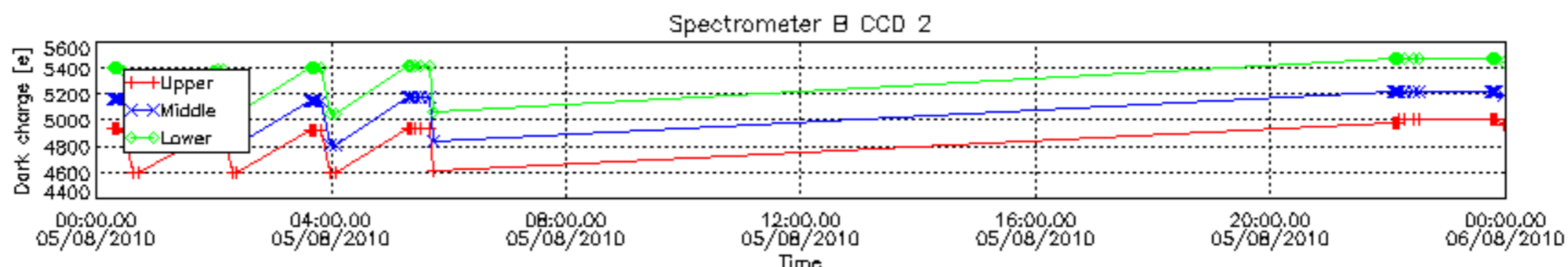
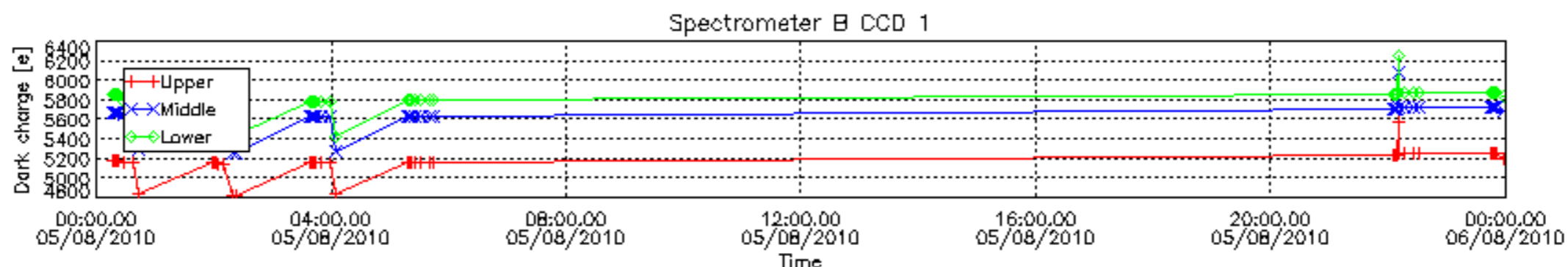
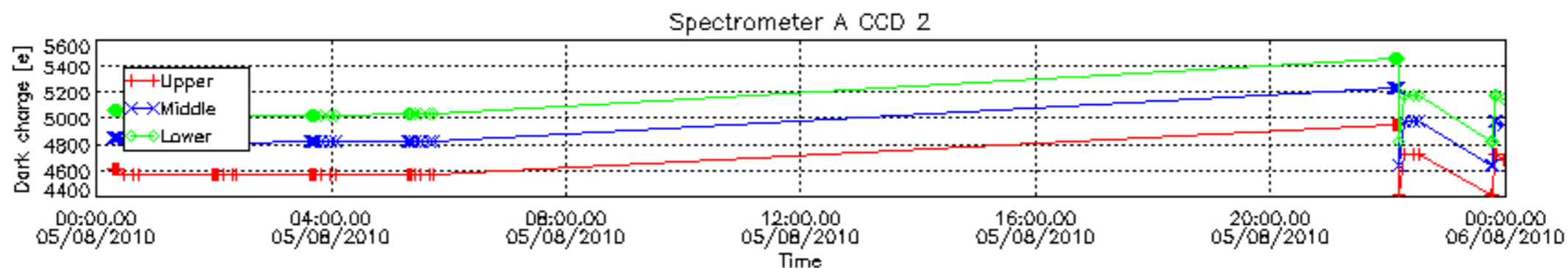
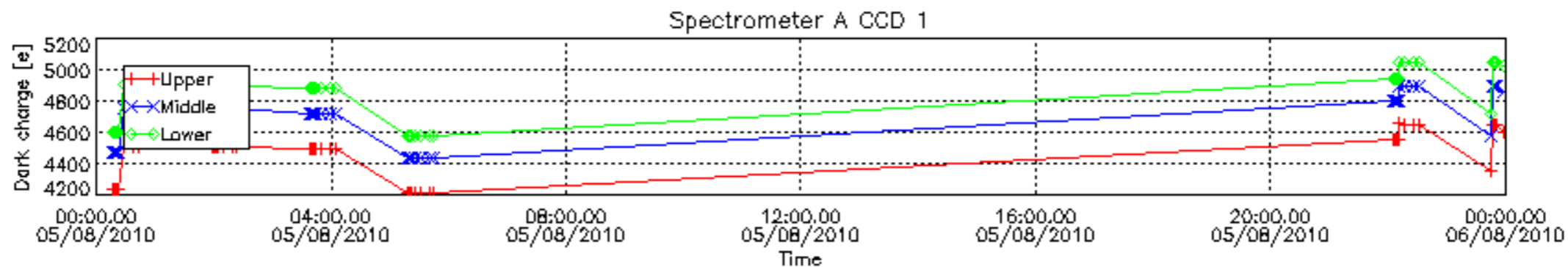
8. Auxiliary Data Files used for the production reported in section 2.4

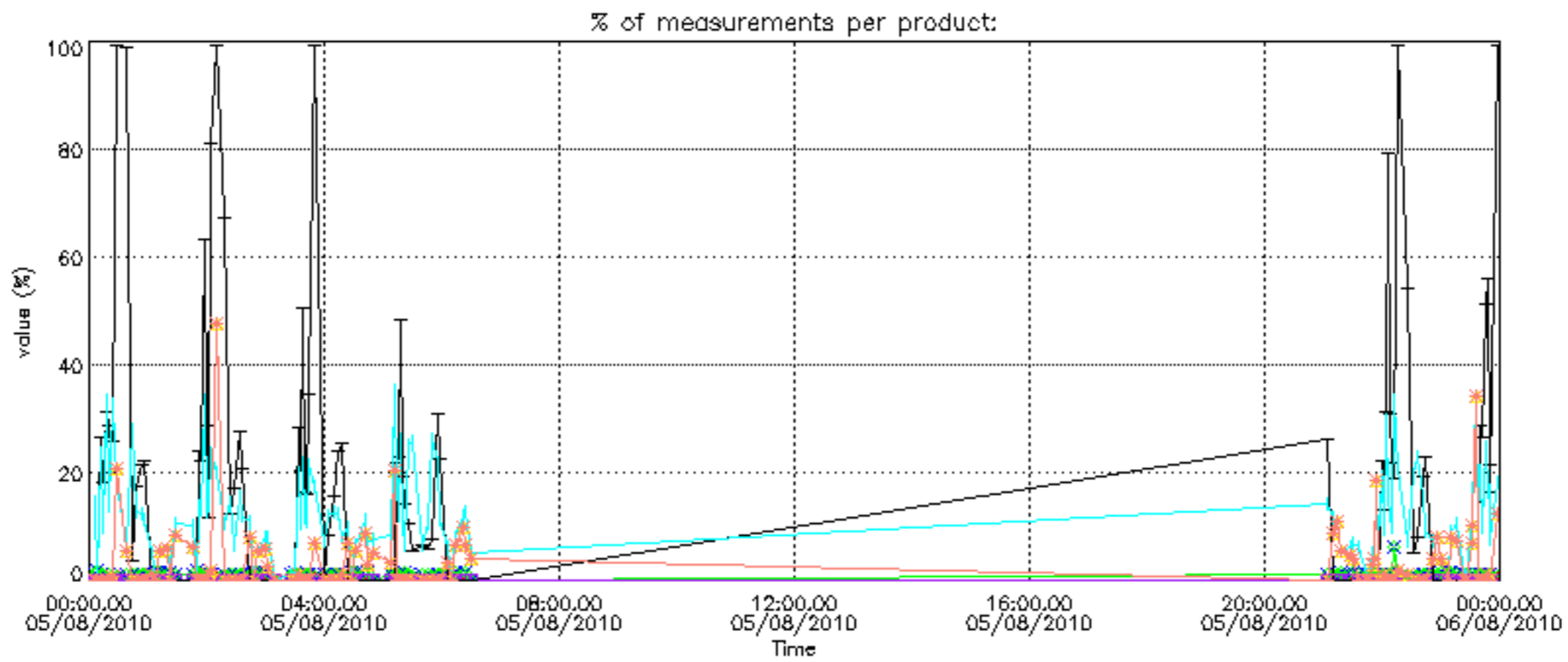
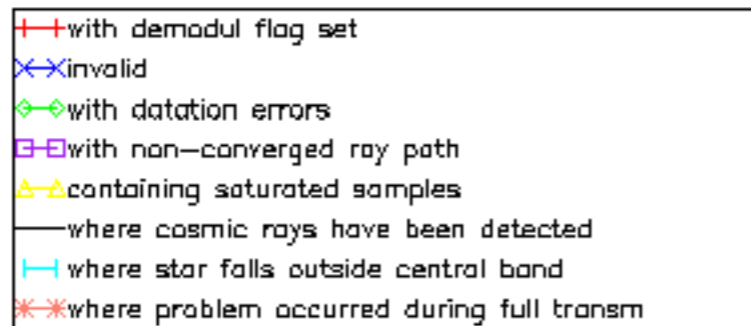
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-AUG-2010 00:05:39
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100803_130100_20100801_000000_20500101_000000	1	05-AUG-2010 00:05:39
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	05-AUG-2010 00:05:39
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	05-AUG-2010 00:05:39
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	05-AUG-2010 00:05:39
ECMWF_FILE	AUX_ECF_AXNECM20100804_052113_20100804_210000_20100805_090000	1	05-AUG-2010 00:05:39
ECMWF_FILE	AUX_ECF_AXNECM20100804_170703_20100805_030000_20100805_150000	41	05-AUG-2010 03:26:50
ECMWF_FILE	AUX_ECA_AXNECM20100805_052115_20100804_210000_20100805_090000	61	05-AUG-2010 05:07:25
ECMWF_FILE	AUX_ECF_AXNECM20100805_054115_20100805_210000_20100806_090000	81	05-AUG-2010 21:03:35
OPTIONAL_ECMWF_FILE	MISSING	1	05-AUG-2010 00:05:39
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100804_224453_000057382091_00430_44071_0887.N1	1	05-AUG-2010 00:05:39
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100805_002550_000054192091_00431_44072_0888.N1	9	05-AUG-2010 00:28:32
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100805_020128_000041442091_00432_44073_0889.N1	28	05-AUG-2010 02:04:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100805_031551_000057382091_00433_44074_0890.N1	41	05-AUG-2010 03:26:50
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100805_045648_000057382091_00434_44075_0891.N1	61	05-AUG-2010 05:07:25
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100805_205829_000038252091_00444_44085_0892.N1	81	05-AUG-2010 21:03:35
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100805_220733_000057382091_00444_44085_0893.N1	100	05-AUG-2010 22:11:23
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100805_234830_000057382091_00445_44086_0894.N1	125	05-AUG-2010 23:51:59

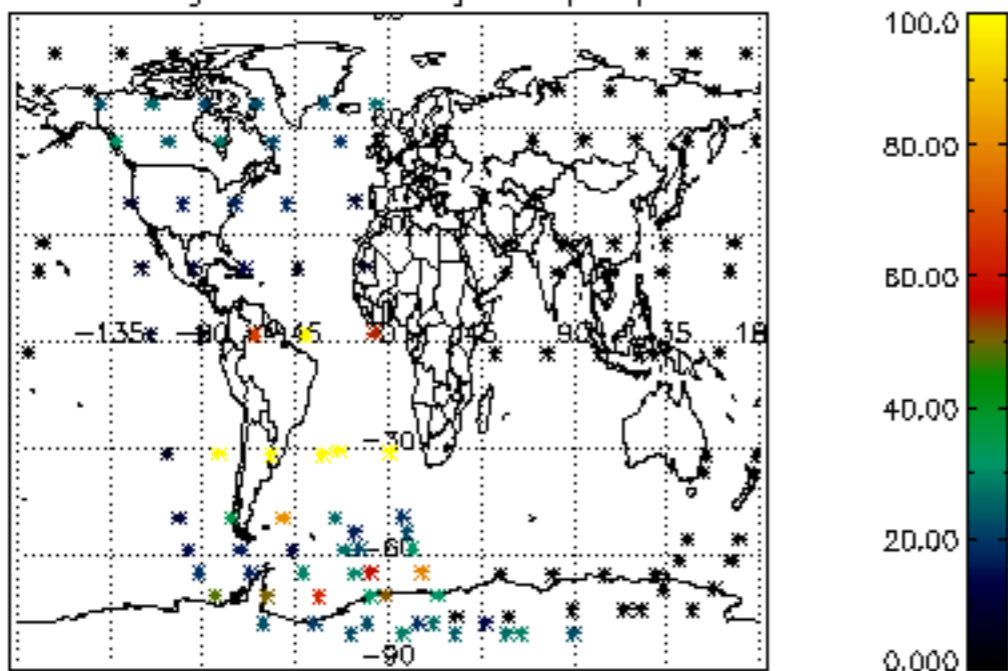




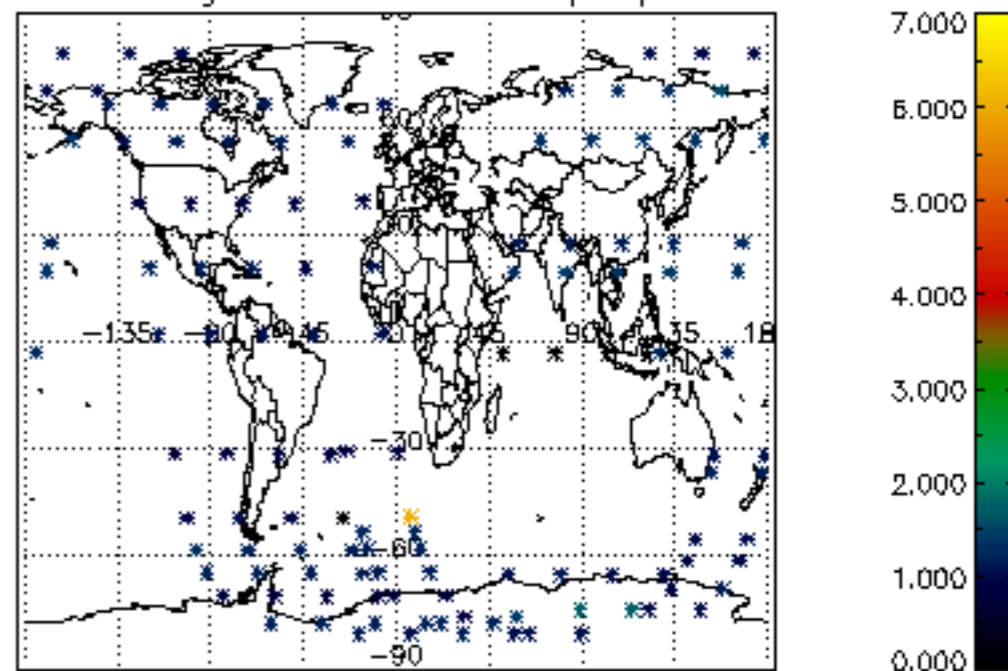




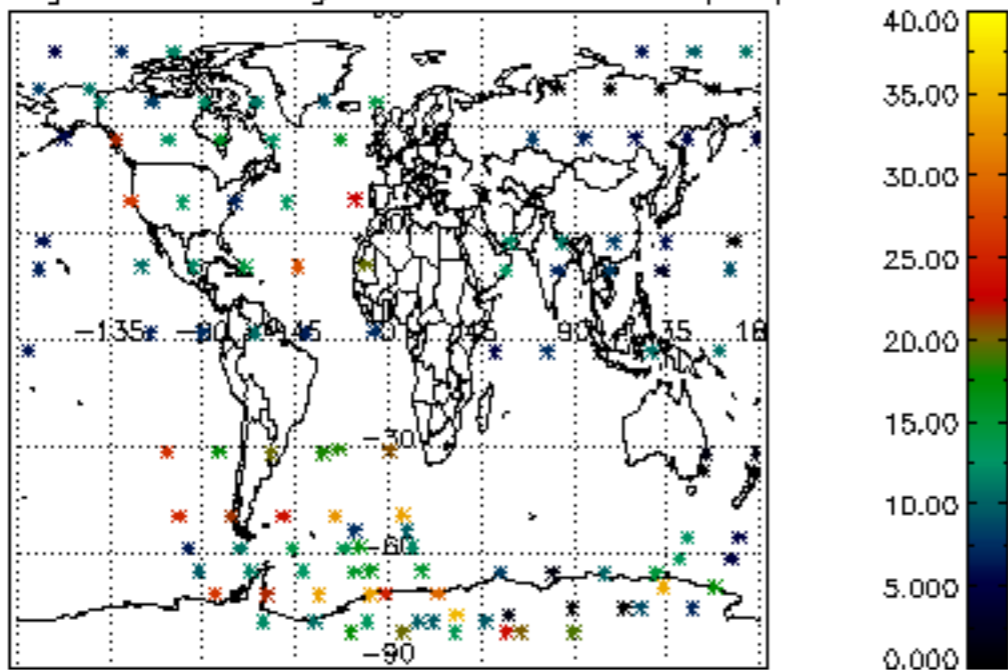
Percentage of cosmic ray hits per profile



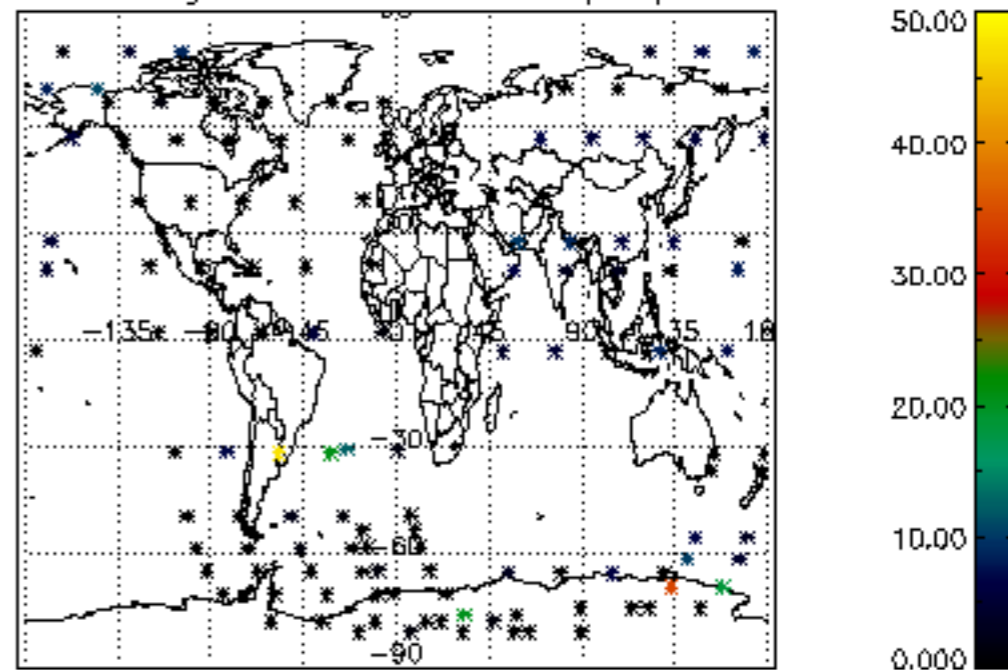
Percentage of datation errors per profile



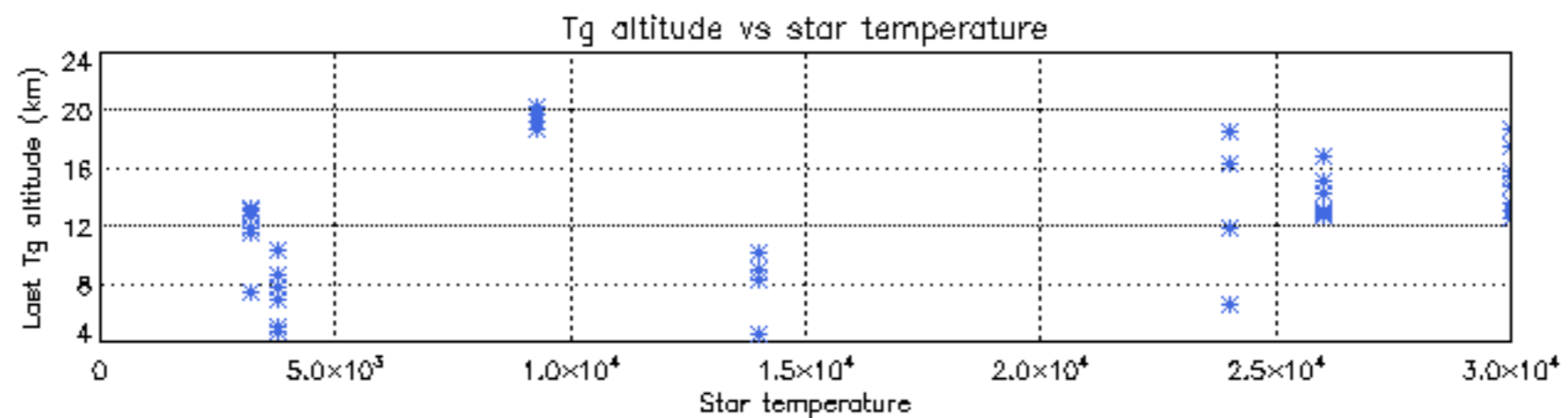
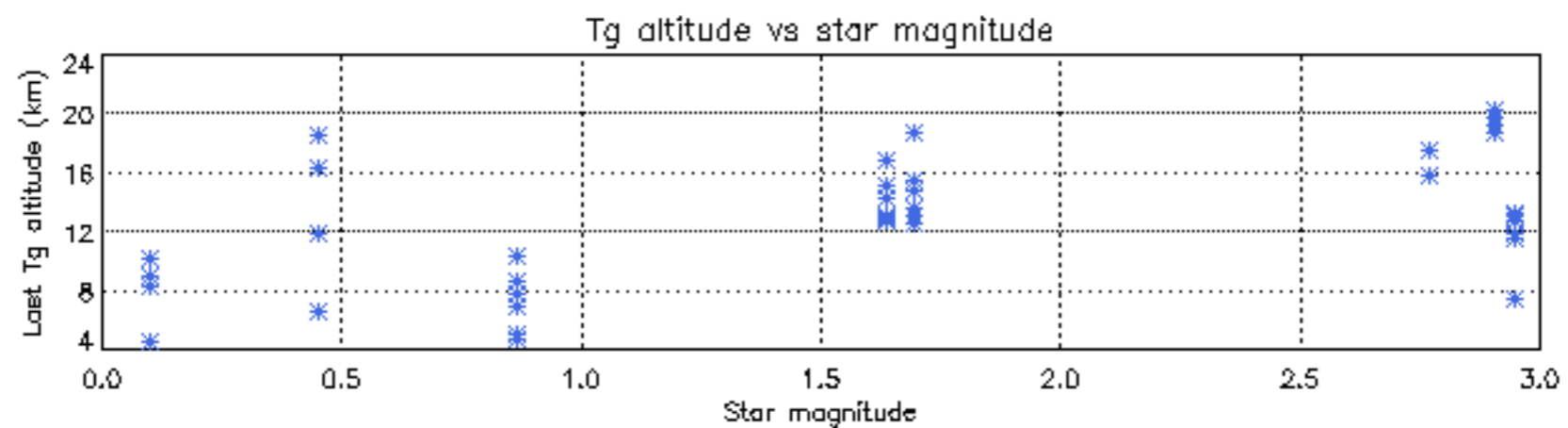
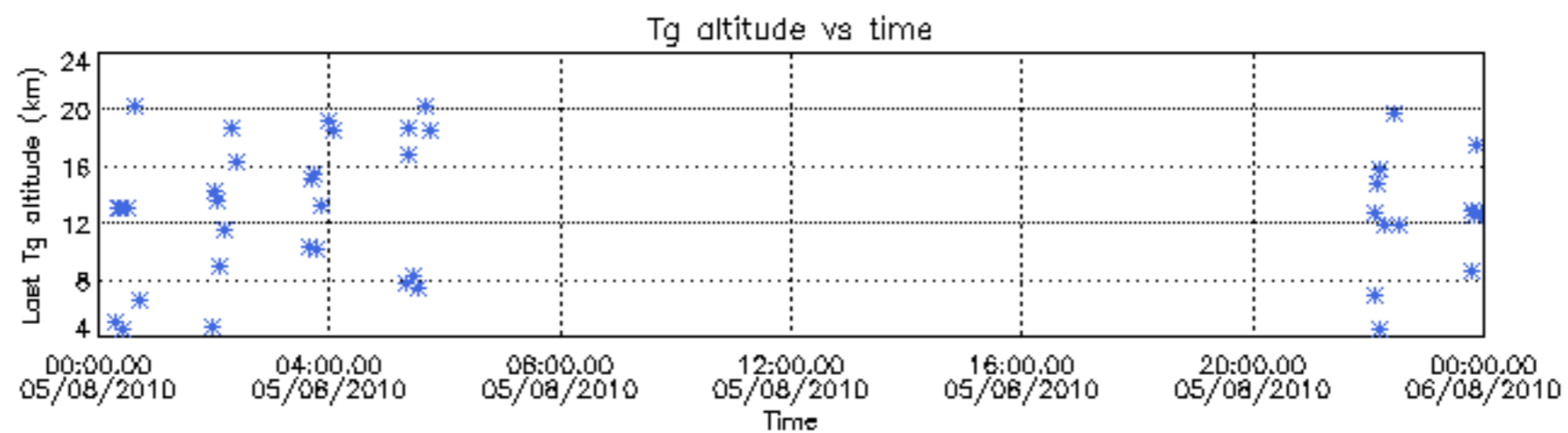
Percentage of star falling outside central band per profile



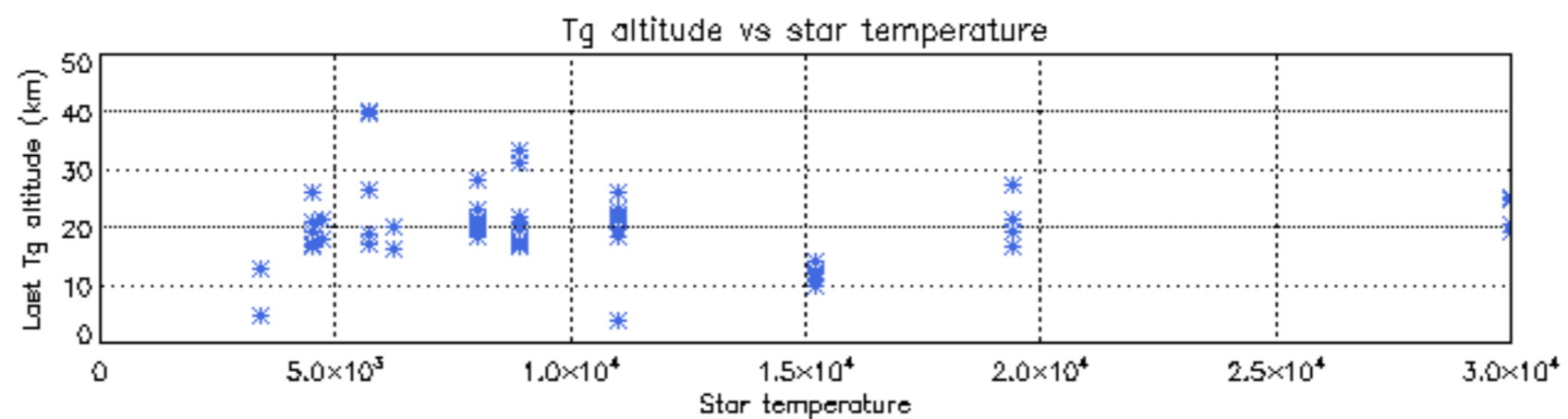
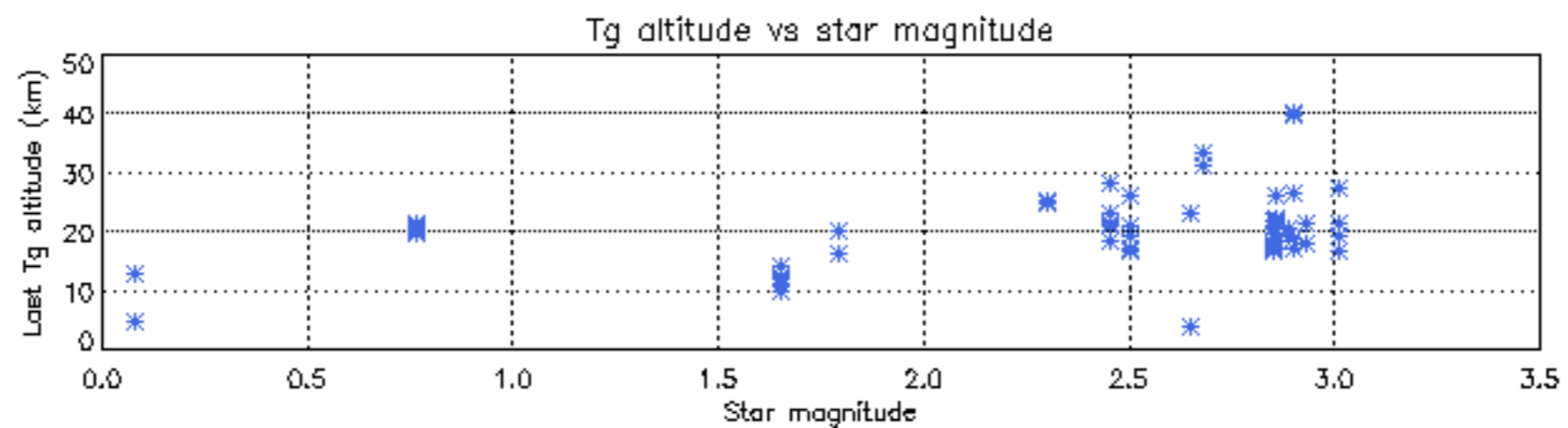
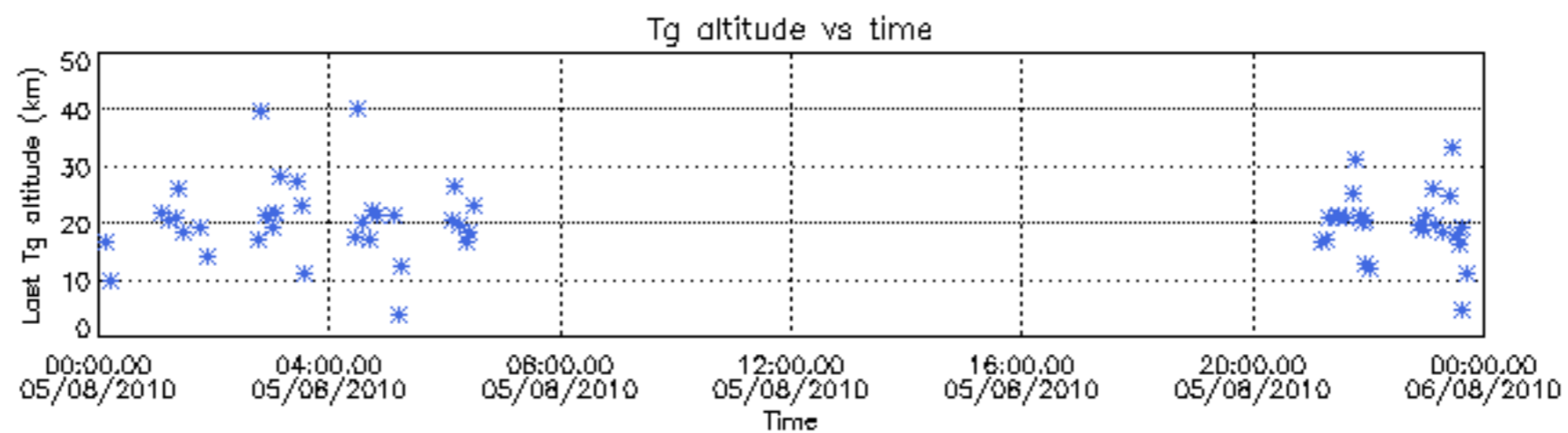
Percentage of saturation errors per profile

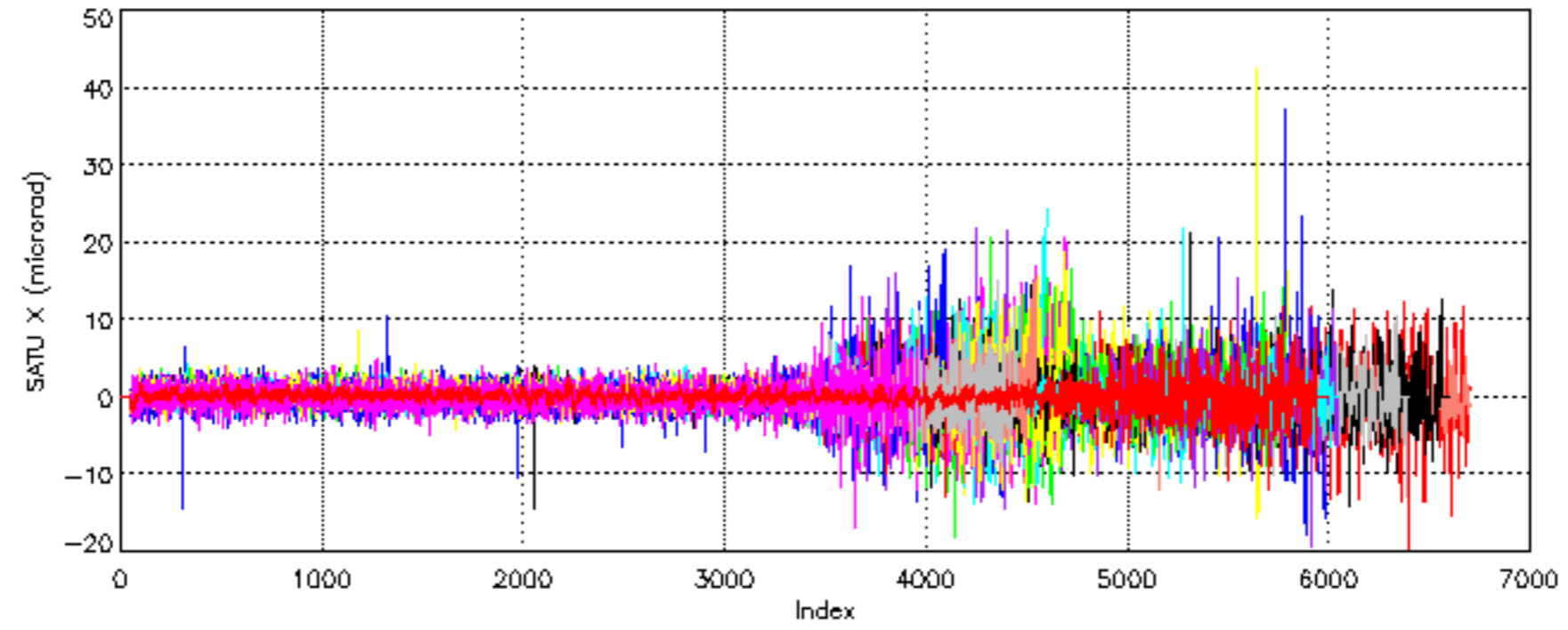


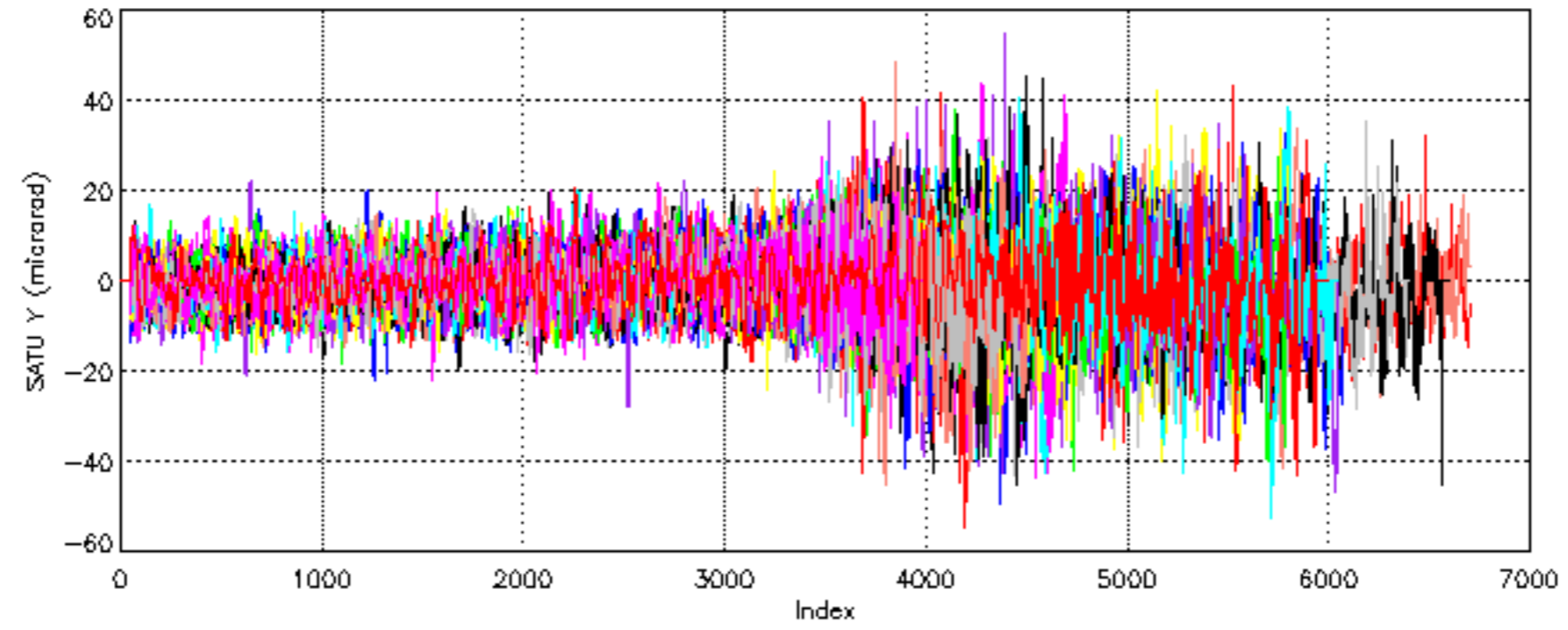
Tangent altitude at which the star is lost

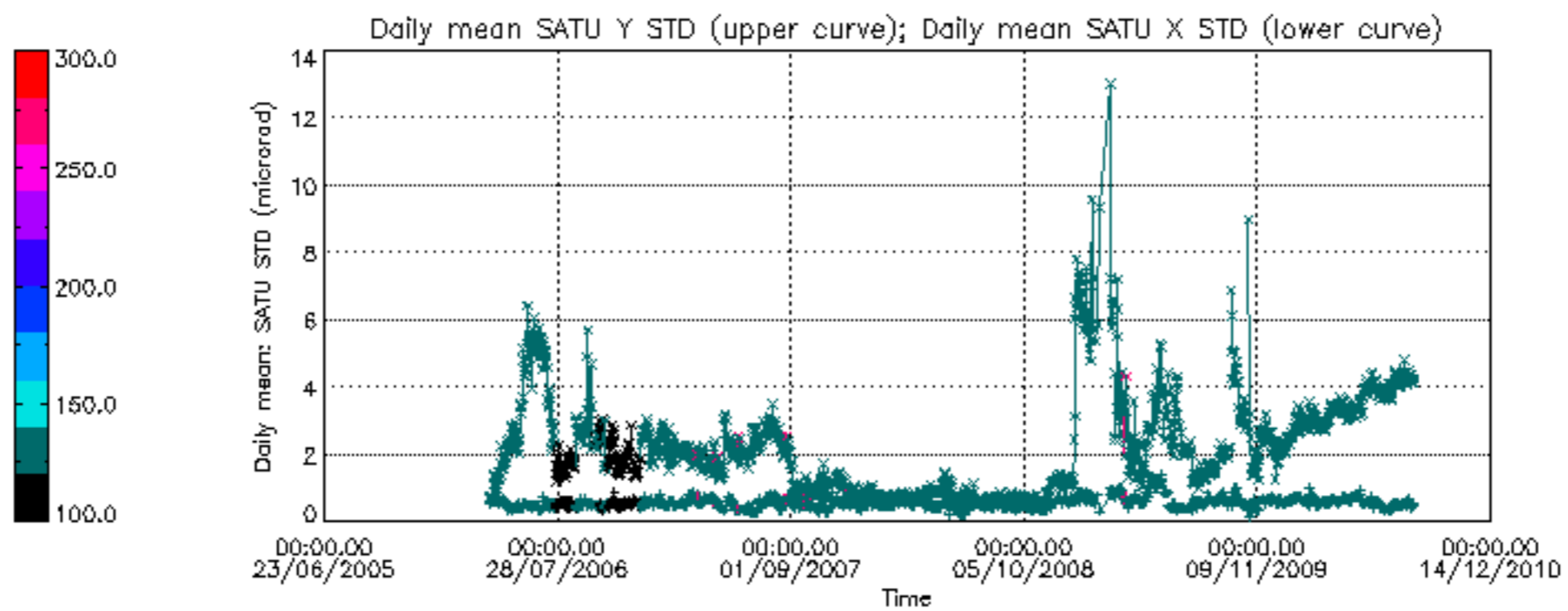


Tangent altitude at which the star is lost









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 3; -27.8; 01-AUG-2010 01:02:51; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44015
 4; 304.4; 01-AUG-2010 01:08:23; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44016
 5; 589.1; 01-AUG-2010 01:13:08; Dark ; 64.5; 84; Alp Phe ; 2.40; 4500;occ; 129; 0;44016
 6; 917.6; 01-AUG-2010 01:18:36; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;44016
 7; 1106.1; 01-AUG-2010 01:21:45; Dark ; 46.5; 172; Gam Gru ; 3.00; 13100;occ; 93; 0;44016
 8; 2059.4; 01-AUG-2010 01:37:38; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;44016
 9; 2581.0; 01-AUG-2010 01:46:20; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44016
 10; 2695.1; 01-AUG-2010 01:48:14; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44016
 11; 3092.0; 01-AUG-2010 01:54:51; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44016
 12; 3980.4; 01-AUG-2010 02:09:39; Bright; 48.5; 160; 23Gam Per ; 2.93; 4700;occ; 97; 0;44016
 13; 4139.3; 01-AUG-2010 02:12:18; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 0;44016
 14; 4315.7; 01-AUG-2010 02:15:14; Bright; 46.5; 149; 45Eps Per ; 2.89; 30000;occ; 93; 0;44016
 15; 4500.7; 01-AUG-2010 02:18:19; Dark ; 29.0; 150; 44Zet Per ; 2.89; 28000;occ; 58; 0;44016
 16; 4638.3; 01-AUG-2010 02:20:37; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;44016
 17; 4788.1; 01-AUG-2010 02:23:07; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;44016
 18; 4908.8; 01-AUG-2010 02:25:07; Dark ; 40.5; 27; 24Gam Ori ; 1.64; 26000;occ; 81; 0;44016
 19; 5013.5; 01-AUG-2010 02:26:52; Dark ; 40.5; 72; 34Del Ori ; 2.25; 30000;occ; 81; 0;44016
 20; 5171.3; 01-AUG-2010 02:29:30; Dark ; 43.5; 7; 19Bet Ori ; 0.10; 14000;occ; 87; 0;44016
 21; 5444.4; 01-AUG-2010 02:34:03; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;44016
 22; 5731.9; 01-AUG-2010 02:38:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44016
 23; 6009.4; 01-AUG-2010 02:43:28; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44016
 24; 6340.9; 01-AUG-2010 02:49:00; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44017
 25; 6626.0; 01-AUG-2010 02:53:45; Dark ; 34.0; 84; Alp Phe ; 2.40; 4500;occ; 68; 0;44017

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 3; -27.8; 01-AUG-2010 01:02:51; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44015
 4; 304.4; 01-AUG-2010 01:08:23; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44016
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 6; 917.6; 01-AUG-2010 01:18:36; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;44016
 7; 1106.1; 01-AUG-2010 01:21:45; Dark ; 46.5; 172; Gam Gru ; 3.00; 13100;occ; 93; 0;44016
 8; 2059.4; 01-AUG-2010 01:37:38; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;44016
 9; 2581.0; 01-AUG-2010 01:46:20; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44016
 10; 2695.1; 01-AUG-2010 01:48:14; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44016
 11; 3092.0; 01-AUG-2010 01:54:51; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44016
 12; 3980.4; 01-AUG-2010 02:09:39; Bright; 48.5; 160; 23Gam Per ; 2.93; 4700;occ; 97; 0;44016
 13; 4139.3; 01-AUG-2010 02:12:18; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 0;44016
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 15; 4500.7; 01-AUG-2010 02:18:19; Dark ; 29.0; 150; 44Zet Per ; 2.89; 28000;occ; 58; 0;44016
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 19; 5013.5; 01-AUG-2010 02:26:52; Dark ; 40.5; 72; 34Del Ori ; 2.25; 30000;occ; 81; 0;44016
 20; 5171.3; 01-AUG-2010 02:29:30; Dark ; 43.5; 7; 19Bet Ori ; 0.10; 14000;occ; 87; 0;44016
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 26; 6953.7; 01-AUG-2010 02:59:12; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;44017
 27; 7142.2; 01-AUG-2010 03:02:21; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;44017
 28; 8095.3; 01-AUG-2010 03:18:14; Bright; 37.5; 11; 53Alp Aql ; 0.76; 8000;occ; 75; 0;44017
 29; 8616.6; 01-AUG-2010 03:26:55; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44017
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 7; 4139.3; 01-AUG-2010 02:12:18; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 0;44016
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 9; 4500.7; 01-AUG-2010 02:18:19; Dark ; 29.0; 150; 44Zet Per ; 2.89; 28000;occ; 58; 0;44016
 10; 4638.3; 01-AUG-2010 02:20:37; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;44016

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12; 4908.8; 01-AUG-2010 02:25:07; Dark ; 40.5; 27; 24Gam Ori ; 1.64; 26000;occ; 81; 0;44016
13; 5013.5; 01-AUG-2010 02:26:52; Dark ; 40.5; 72; 34Del Ori ; 2.25; 30000;occ; 81; 0;44016
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17; 6009.4; 01-AUG-2010 02:43:28; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44016
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6;-1397.4; 01-AUG-2010 04:01:13; Dark ; 39.0; 176; 23Zet Tau ; 3.02; 22000;occ; 78; 0;44017
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10; -864.3; 01-AUG-2010 04:10:06; Dark ; 46.0; 7; 19Bet Ori ; 0.10; 14000;occ; 92; 0;44017
11; -590.5; 01-AUG-2010 04:14:40; Dark ; 57.0; 165; 34Gam Eri ; 2.95; 3200;occ; 114; 0;44017
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13; -25.4; 01-AUG-2010 04:24:05; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44017
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16; 918.6; 01-AUG-2010 04:39:49; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;44018
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9;-1021.6; 01-AUG-2010 07:28:41; Dark ; 37.5; 72; 34Del Ori ; 2.25; 30000;occ; 75; 0;44019
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12; -301.9; 01-AUG-2010 07:40:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44019
13; -23.8; 01-AUG-2010 07:45:19; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44019
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5; 3978.8; 01-AUG-2010 08:52:01; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;44020
6; 4078.3; 01-AUG-2010 08:53:41; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;44020
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8; 4315.3; 01-AUG-2010 08:57:38; Bright; 48.0; 149; 45Eps Per ; 2.89; 30000;occ; 96; 0;44020
9; 4514.3; 01-AUG-2010 09:00:57; Dark ; 45.0; 28; 12Bet Tau ; 1.65; 15200;occ; 90; 0;44020
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11; 4789.7; 01-AUG-2010 09:05:32; Dark ; 56.5; 13; 87Alp Tau ; 0.87; 3800;occ; 113; 0;44020
12; 4910.0; 01-AUG-2010 09:07:33; Dark ; 38.5; 27; 24Gam Ori ; 1.64; 26000;occ; 77; 0;44020
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 5; 2624.5; 06-AUG-2010 17:35:34; Bright; 41.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 82; 0;44097
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 8; 3541.5; 06-AUG-2010 17:50:51; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44097
 9; 3620.9; 06-AUG-2010 17:52:10; Bright; 39.0; 110; 37Del Cas ; 2.68; 8900;occ; 78; 0;44097
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 16; 4822.9; 06-AUG-2010 18:12:12; Dark ; 61.5; 13; 87Alp Tau ; 0.87; 3800;occ; 123; 0;44097
 17; 4938.8; 06-AUG-2010 18:14:08; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44097
 18; 5053.9; 06-AUG-2010 18:16:03; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;44097
 19; 5135.3; 06-AUG-2010 18:17:25; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44097
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 21; 5497.6; 06-AUG-2010 18:23:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44097
 22; 6091.4; 06-AUG-2010 18:33:21; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;44098
 23; 6397.3; 06-AUG-2010 18:38:27; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44098
 24; 6710.3; 06-AUG-2010 18:43:40; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44098
 25; 6993.7; 06-AUG-2010 18:48:23; Dark ; 19.5; 31; Alp Gru ; 1.73; 15200;occ; 39; 0;44098

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 3; -251.8; 06-AUG-2010 01:42:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44087
 4; 44.7; 06-AUG-2010 01:47:11; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;44088
 5; 354.0; 06-AUG-2010 01:52:20; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44088
 6; 664.1; 06-AUG-2010 01:57:30; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44088
 7; 953.2; 06-AUG-2010 02:02:19; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;44088
 8; 1138.7; 06-AUG-2010 02:05:25; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;44088
 9; 1576.7; 06-AUG-2010 02:12:43; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;44088
 10; 1811.2; 06-AUG-2010 02:16:37; Bright; 50.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 100; 0;44088
 11; 2056.7; 06-AUG-2010 02:20:42; Bright; 39.0; 11; 53Alp Aql ; 0.76; 8000;occ; 78; 0;44088
 12; 2547.1; 06-AUG-2010 02:28:53; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44088
 13; 2682.6; 06-AUG-2010 02:31:08; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44088
 14; 3063.0; 06-AUG-2010 02:37:29; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44088
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 16; 3626.9; 06-AUG-2010 02:46:53; Bright; 8.5; 110; 37Del Cas ; 2.68; 8900;occ; 17; 0;44088

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 3; 1809.9; 06-AUG-2010 20:43:11; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44099
 4; 2542.7; 06-AUG-2010 20:55:24; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44099
 5; 2624.1; 06-AUG-2010 20:56:45; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44099
 6; 2732.9; 06-AUG-2010 20:58:34; Bright; 44.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 89; 0;44099
 7; 3059.1; 06-AUG-2010 21:04:00; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44099

8; 3540.0; 06-AUG-2010 21:12:01; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44099
 9; 3619.6; 06-AUG-2010 21:13:21; Bright; 38.0; 110; 37Del Cas ; 2.68; 8900;occ; 76; 0;44099
 10; 3946.9; 06-AUG-2010 21:18:48; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;44099
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 12; 4200.6; 06-AUG-2010 21:23:02; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;44099
 13; 4310.8; 06-AUG-2010 21:24:52; Bright; 54.5; 149; 45Eps Per ; 2.89; 30000;occ; 109; 0;44099
 14; 4528.3; 06-AUG-2010 21:28:30; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44099
 15; 4657.0; 06-AUG-2010 21:30:38; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44099
 16; 4824.0; 06-AUG-2010 21:33:25; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;44099
 17; 4939.4; 06-AUG-2010 21:35:21; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44099
 18; 5054.8; 06-AUG-2010 21:37:16; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44099
 19; 5136.1; 06-AUG-2010 21:38:37; Dark ; 41.5; 125; 44Iot Ori ; 2.77; 30000;occ; 83; 0;44099
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 3; 362.7; 06-AUG-2010 21:59:40; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44100
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 5; 959.0; 06-AUG-2010 22:09:36; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;44100
 6; 1184.8; 06-AUG-2010 22:13:22; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;44100
 7; 1577.7; 06-AUG-2010 22:19:55; Bright; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44100
 8; 1809.5; 06-AUG-2010 22:23:47; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44100
 9; 2542.2; 06-AUG-2010 22:35:59; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44100
 10; 2623.4; 06-AUG-2010 22:37:21; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44100
 11; 2732.5; 06-AUG-2010 22:39:10; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44100
 12; 3058.7; 06-AUG-2010 22:44:36; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44100
 13; 3539.1; 06-AUG-2010 22:52:36; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44100
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 17; 4200.3; 06-AUG-2010 23:03:37; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;44100
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 19; 4528.0; 06-AUG-2010 23:09:05; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44100
 20; 4657.5; 06-AUG-2010 23:11:15; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44100
 21; 4824.3; 06-AUG-2010 23:14:02; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;44100
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 23; 5055.2; 06-AUG-2010 23:17:52; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44100
 24; 5136.3; 06-AUG-2010 23:19:13; Dark ; 38.5; 125; 44Iot Ori ; 2.77; 30000;occ; 77; 0;44100
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 3; 676.7; 06-AUG-2010 23:45:30; Dark ; 63.5; 84; Alp Phe ; 2.40; 4500;occ; 127; 0;44101
 4; 958.9; 06-AUG-2010 23:50:12; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;44101
 5; 1185.6; 06-AUG-2010 23:53:59; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;44101
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 9; 2623.5; 07-AUG-2010 00:17:57; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44101
 10; 2732.0; 07-AUG-2010 00:19:45; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44101
 11; 3058.5; 07-AUG-2010 00:25:12; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44101
 12; 3538.5; 07-AUG-2010 00:33:12; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44101
 13; 3617.9; 07-AUG-2010 00:34:31; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;44101
 14; 3946.1; 07-AUG-2010 00:39:59; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;44101
 15; 4052.9; 07-AUG-2010 00:41:46; Bright; 40.0; 35; 33Alp Per ; 1.79; 6250;occ; 80; 0;44101
 16; 4200.3; 07-AUG-2010 00:44:13; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44101
 17; 4310.6; 07-AUG-2010 00:46:04; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;44101
 18; 4528.0; 07-AUG-2010 00:49:41; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;44101
 19; 4657.8; 07-AUG-2010 00:51:51; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;44101
 20; 4824.8; 07-AUG-2010 00:54:38; Dark ; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;44101
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 22; 5055.5; 07-AUG-2010 00:58:29; Dark ; 40.5; 30; 46Eps Ori ; 1.69; 30000;occ; 81; 0;44101
 23; 5136.5; 07-AUG-2010 00:59:50; Dark ; 39.0; 125; 44Iot Ori ; 2.77; 30000;occ; 78; 0;44101
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8; 3059.1; 06-AUG-2010 19:23:24; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44098
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3; 678.1; 07-AUG-2010 01:26:07; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44102
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6; 72.3; 07-AUG-2010 21:23:13; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44114
7; 372.1; 07-AUG-2010 21:28:12; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44114
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9; 964.7; 07-AUG-2010 21:38:05; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44114
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13; 2537.0; 07-AUG-2010 22:04:17; Bright; 43.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 86; 0;44114
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15; 2727.3; 07-AUG-2010 22:07:28; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44114
16; 3053.4; 07-AUG-2010 22:12:54; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44114
17; 3528.9; 07-AUG-2010 22:20:49; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44114
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20; 4116.8; 07-AUG-2010 22:30:37; Bright; 47.0; 175; 39Del Per ; 3.01; 19400;occ; 94; 0;44114
21; 4356.6; 07-AUG-2010 22:34:37; Bright; 35.5; 107; 37The Aur ; 2.65; 11000;occ; 71; 0;44114
22; 4530.7; 07-AUG-2010 22:37:31; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44114
23; 4660.7; 07-AUG-2010 22:39:41; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44114
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25; 4945.8; 07-AUG-2010 22:44:26; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;44114
26; 5060.7; 07-AUG-2010 22:46:21; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;44114
27; 5142.5; 07-AUG-2010 22:47:43; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44114
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4; 73.2; 07-AUG-2010 23:03:49; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;44115

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10; 1808.0; 07-AUG-2010 23:32:44; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44115
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19; 4356.4; 08-AUG-2010 00:15:12; Bright; 36.5; 107; 37The Aur ; 2.65; 11000;occ; 73; 0;44115
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21; 4661.1; 08-AUG-2010 00:20:17; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44115
22; 4831.9; 08-AUG-2010 00:23:08; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;44115
23; 4946.1; 08-AUG-2010 00:25:02; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44115
24; 5061.1; 08-AUG-2010 00:26:57; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44115
25; 5142.9; 08-AUG-2010 00:28:19; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44115
26; 5220.9; 08-AUG-2010 00:29:37; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;44115

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3; 74.3; 08-AUG-2010 00:44:26; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44116
4; 373.3; 08-AUG-2010 00:49:25; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44116
5; 691.9; 08-AUG-2010 00:54:44; Dark ; 65.5; 84; Alp Phe ; 2.40; 4500;occ; 131; 0;44116
6; 965.9; 08-AUG-2010 00:59:18; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44116
7; 1193.8; 08-AUG-2010 01:03:06; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44116
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9; 1807.7; 08-AUG-2010 01:13:20; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44116
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11; 2619.0; 08-AUG-2010 01:26:51; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44116
12; 2726.3; 08-AUG-2010 01:28:38; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44116
13; 3052.7; 08-AUG-2010 01:34:05; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44116
14; 3527.6; 08-AUG-2010 01:42:00; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44116
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16; 4116.3; 08-AUG-2010 01:51:48; Bright; 47.5; 175; 39Del Per ; 3.01; 19400;occ; 95; 0;44116
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19; 4661.4; 08-AUG-2010 02:00:53; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44116
20; 4832.0; 08-AUG-2010 02:03:44; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;44116
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22; 5061.9; 08-AUG-2010 02:07:34; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;44116
23; 5143.5; 08-AUG-2010 02:08:56; Dark ; 40.5; 125; 44Iot Ori ; 2.77; 30000;occ; 81; 0;44116

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4; -527.9; 08-AUG-2010 02:15:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44116
5; 75.4; 08-AUG-2010 02:25:03; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44117
6; 374.1; 08-AUG-2010 02:30:02; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44117
7; 692.6; 08-AUG-2010 02:35:20; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44117
8; 966.1; 08-AUG-2010 02:39:54; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;44117
9; 1194.3; 08-AUG-2010 02:43:42; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44117
10; 1579.4; 08-AUG-2010 02:50:07; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44117
11; 1807.6; 08-AUG-2010 02:53:56; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;44117
12; 2535.8; 08-AUG-2010 03:06:04; Bright; 43.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 86; 0;44117
13; 2618.7; 08-AUG-2010 03:07:27; Bright; 41.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 83; 0;44117
14; 2726.2; 08-AUG-2010 03:09:14; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44117
15; 3052.6; 08-AUG-2010 03:14:40; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44117
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3; -1920.0; 08-AUG-2010 03:32:24; Bright; 46.5; 175; 39Del Per ; 3.01; 19400;occ; 93; 0;44117
4; -1679.3; 08-AUG-2010 03:36:25; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44117

5; -1505.0; 08-AUG-2010 03:39:19; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44117
6; -1374.1; 08-AUG-2010 03:41:30; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;44117
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12; -690.2; 08-AUG-2010 03:52:54; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44117
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16; 694.1; 08-AUG-2010 04:15:58; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44118
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22; 2619.0; 08-AUG-2010 04:48:03; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44118
23; 2726.1; 08-AUG-2010 04:49:50; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44118
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23; 3052.1; 08-AUG-2010 06:35:52; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44119
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11; -688.8; 08-AUG-2010 07:14:07; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44119
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16; 967.6; 08-AUG-2010 07:41:43; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;44120
17; 1195.8; 08-AUG-2010 07:45:32; Dark ; 62.0; 18; 24Alp PsA ; 1.17; 9700;occ; 124; 0;44120
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 6; 2523.0; 10-AUG-2010 18:48:36; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44155
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14; 4537.9; 10-AUG-2010 19:22:11; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;44155
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20; 5245.8; 10-AUG-2010 19:33:59; Dark ; 51.0; 7; 19Bet Ori ; 0.10; 14000;occ; 102; 0;44155
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22; 5531.2; 10-AUG-2010 19:38:45; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44155
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24; 6437.4; 10-AUG-2010 19:53:51; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44156
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 5; 403.3; 11-AUG-2010 00:55:40; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44159
 6; 732.8; 11-AUG-2010 01:01:10; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;44159
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 9; 1583.7; 11-AUG-2010 01:15:21; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44159
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7; 122.6; 11-AUG-2010 02:31:36; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44160
8; 404.4; 11-AUG-2010 02:36:17; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44160
9; 733.7; 11-AUG-2010 02:41:47; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;44160
10; 985.0; 11-AUG-2010 02:45:58; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;44160
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13; 1803.5; 11-AUG-2010 02:59:36; Bright; 47.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 94; 0;44160
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16; 2609.5; 11-AUG-2010 03:13:02; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44160
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13; 404.9; 11-AUG-2010 04:16:54; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;44161
14; 734.6; 11-AUG-2010 04:22:23; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44161
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4; 1802.6; 11-AUG-2010 21:26:11; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44171
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6; 2518.0; 11-AUG-2010 21:38:06; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44171
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8; 2709.8; 11-AUG-2010 21:41:18; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44171
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7; 989.9; 11-AUG-2010 22:53:14; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;44172
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22; 4906.4; 11-AUG-2010 23:58:31; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;44172
23; 5088.6; 12-AUG-2010 00:01:33; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44172
24; 5171.3; 12-AUG-2010 00:02:56; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44172
25; 5256.4; 12-AUG-2010 00:04:21; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;44172
26; 5375.1; 12-AUG-2010 00:06:19; Dark ; 2.0; 101; 11Alp Lep ; 2.58; 7000;occ; 4; 0;44172

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12; 125.8; 11-AUG-2010 07:33:27; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44163
13; 406.3; 11-AUG-2010 07:38:07; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44163
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16; 1218.5; 11-AUG-2010 07:51:39; Dark ; 63.0; 18; 24Alp PsA ; 1.17; 9700;occ; 126; 0;44163
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4; 2608.9; 11-AUG-2010 08:14:50; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44163
5; 2712.0; 11-AUG-2010 08:16:33; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44163
6; 3037.2; 11-AUG-2010 08:21:58; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44163
7; 3362.5; 11-AUG-2010 08:27:23; Bright; 35.0; 74; 11Bet Cas ; 2.27; 6600;occ; 70; 0;44163
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9; 4198.1; 11-AUG-2010 08:41:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44163
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12; 4673.9; 11-AUG-2010 08:49:15; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44163
13; 4857.5; 11-AUG-2010 08:52:18; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 0;44163
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15; 5084.0; 11-AUG-2010 08:56:05; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44163
16; 5166.8; 11-AUG-2010 08:57:28; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44163
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23; 7023.0; 11-AUG-2010 09:28:24; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44164
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3; 2520.3; 11-AUG-2010 09:53:57; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44164
4; 2608.7; 11-AUG-2010 09:55:26; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44164
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10; 4361.0; 11-AUG-2010 10:24:38; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;44164
11; 4539.5; 11-AUG-2010 10:27:36; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;44164
12; 4673.9; 11-AUG-2010 10:29:51; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44164
13; 4858.1; 11-AUG-2010 10:32:55; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44164
14; 4968.6; 11-AUG-2010 10:34:45; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;44164
15; 5084.2; 11-AUG-2010 10:36:41; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44164
16; 5167.3; 11-AUG-2010 10:38:04; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44164
17; 5251.2; 11-AUG-2010 10:39:28; Dark ; 58.0; 7; 19Bet Ori ; 0.10; 14000;occ; 116; 0;44164
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20; 6164.2; 11-AUG-2010 10:54:41; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44165
21; 6443.4; 11-AUG-2010 10:59:20; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44165
22; 6774.1; 11-AUG-2010 11:04:51; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44165
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24; 7255.4; 11-AUG-2010 11:12:52; Dark ; 61.0; 18; 24Alp PsA ; 1.17; 9700;occ; 122; 0;44165
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 7; 3361.1; 11-AUG-2010 11:48:34; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44165
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 9; 4197.9; 11-AUG-2010 12:02:31; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44165
 10; 4361.2; 11-AUG-2010 12:05:14; Bright; 36.0; 107; 37The Aur ; 2.65; 11000;occ; 72; 0;44165
 11; 4539.5; 11-AUG-2010 12:08:12; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;44165
 12; 4674.3; 11-AUG-2010 12:10:27; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44165
 13; 4858.7; 11-AUG-2010 12:13:31; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44165
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 21; 6444.3; 11-AUG-2010 12:39:57; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44166
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13; 5109.1; 14-AUG-2010 15:44:39; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;44210
14; 5193.4; 14-AUG-2010 15:46:03; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44210
15; 5283.7; 14-AUG-2010 15:47:33; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44210
16; 5398.5; 14-AUG-2010 15:49:28; Dark ; 45.0; 101; 11Alp Lep ; 2.58; 7000;occ; 90; 0;44210
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7; 1006.6; 14-AUG-2010 22:59:16; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44215
8; 1242.9; 14-AUG-2010 23:03:12; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;44215
9; 1589.1; 14-AUG-2010 23:08:58; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44215
10; 1800.3; 14-AUG-2010 23:12:29; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;44215
11; 2120.4; 14-AUG-2010 23:17:50; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;44215
12; 2506.9; 14-AUG-2010 23:24:16; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44215
13; 2599.9; 14-AUG-2010 23:25:49; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;44215
14; 2699.1; 14-AUG-2010 23:27:28; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44215
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22; 5196.2; 15-AUG-2010 00:09:05; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44215
23; 5287.3; 15-AUG-2010 00:10:37; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;44215
24; 5401.3; 15-AUG-2010 00:12:30; Dark ; 26.0; 101; 11Alp Lep ; 2.58; 7000;occ; 52; 0;44215
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21; 6816.4; 14-AUG-2010 17:53:42; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44212
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16; 1589.4; 15-AUG-2010 04:10:46; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44218
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 8; 4190.5; 18-AUG-2010 08:21:04; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44263
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19; 6511.9; 18-AUG-2010 08:59:46; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;44264
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 3; 2105.2; 18-AUG-2010 09:26:55; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;44264
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 9; 4368.9; 18-AUG-2010 10:04:39; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;44264
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22; 7300.0; 18-AUG-2010 10:53:30; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44265
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 3; 2104.9; 18-AUG-2010 11:07:30; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44265
 4; 2497.3; 18-AUG-2010 11:14:03; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44265
 5; 2594.7; 18-AUG-2010 11:15:40; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;44265
 6; 2689.3; 18-AUG-2010 11:17:15; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44265
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 11; 4729.4; 18-AUG-2010 13:31:51; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44266
 12; 4945.6; 18-AUG-2010 13:35:27; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44266
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 3; 1915.5; 18-AUG-2010 14:25:33; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;44267
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 3; 1799.2; 18-AUG-2010 16:04:12; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44268
 4; 1915.6; 18-AUG-2010 16:06:09; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44268
 5; 2104.1; 18-AUG-2010 16:09:17; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;44268
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4; 1798.8; 18-AUG-2010 19:25:24; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;44270
5; 1914.7; 18-AUG-2010 19:27:20; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44270
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7; 2496.4; 18-AUG-2010 19:37:02; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44270
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14; 4559.8; 18-AUG-2010 20:11:25; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;44270
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26; 5243.6; 19-AUG-2010 23:12:24; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44286
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 5; 491.3; 19-AUG-2010 23:33:47; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44287
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 7; 1032.8; 19-AUG-2010 23:42:49; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44287
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 9; 1597.2; 19-AUG-2010 23:52:13; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44287
10; 1799.2; 19-AUG-2010 23:55:35; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44287
11; 1911.7; 19-AUG-2010 23:57:28; Bright; 48.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 97; 0;44287
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13; 2493.7; 20-AUG-2010 00:07:10; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44287
14; 2593.4; 20-AUG-2010 00:08:49; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;44287
15; 2686.0; 20-AUG-2010 00:10:22; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;44287
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21; 4734.8; 20-AUG-2010 00:44:31; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44287
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24; 5157.0; 20-AUG-2010 00:51:33; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44287
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 3; 2101.9; 19-AUG-2010 07:14:39; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44277
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 5; 2594.2; 19-AUG-2010 07:22:51; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44277
 6; 2687.7; 19-AUG-2010 07:24:24; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44277
 7; 3005.5; 19-AUG-2010 07:29:42; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44277
 8; 3273.3; 19-AUG-2010 07:34:10; Bright; 36.0; 74; 11Bet Cas ; 2.27; 6600;occ; 72; 0;44277
 9; 4189.1; 19-AUG-2010 07:49:26; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44277
10; 4369.8; 19-AUG-2010 07:52:27; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;44277
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12; 4732.3; 19-AUG-2010 07:58:29; Dark ; 37.0; 44; 24Gam Gem ; 1.93; 11000;occ; 74; 0;44277
13; 4951.0; 19-AUG-2010 08:02:08; Dark ; 44.5; 14; 58Alp Ori ; 0.87; 3000;occ; 89; 0;44277
14; 5150.5; 19-AUG-2010 08:05:27; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;44277
15; 5236.8; 19-AUG-2010 08:06:53; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;44277
16; 5338.6; 19-AUG-2010 08:08:35; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;44277
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19; 6296.7; 19-AUG-2010 08:24:33; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44278

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23; 7304.9; 19-AUG-2010 08:41:22; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44278
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 9; 4189.1; 19-AUG-2010 09:30:02; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44278
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11; 4561.4; 19-AUG-2010 09:36:14; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;44278
12; 4732.5; 19-AUG-2010 09:39:05; Dark ; 37.0; 44; 24Gam Gem ; 1.93; 11000;occ; 74; 0;44278
13; 4951.5; 19-AUG-2010 09:42:44; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;44278
14; 5151.0; 19-AUG-2010 09:46:04; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44278
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 3; 2101.1; 19-AUG-2010 12:16:25; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44280
 4; 2494.9; 19-AUG-2010 12:22:59; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44280
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 7; 3004.9; 19-AUG-2010 12:31:29; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;44280
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11; 4561.9; 19-AUG-2010 12:57:26; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44280
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23; 8529.7; 20-AUG-2010 05:08:57; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44290
24; 8629.5; 20-AUG-2010 05:10:37; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44290
25; 8721.6; 20-AUG-2010 05:12:09; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44290
26; 9038.7; 20-AUG-2010 05:17:26; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44290
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3; -1471.8; 20-AUG-2010 05:43:28; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44290

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8; -789.2; 20-AUG-2010 05:54:50; Dark ; 49.0; 125; 44Tot Ori ; 2.77; 30000;occ; 98; 0;44290
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13; 493.5; 20-AUG-2010 06:16:13; Dark ; 48.0; 9; Alp Eri ; 0.45; 24000;occ; 96; 0;44291
14; 845.1; 20-AUG-2010 06:22:05; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44291
15; 988.6; 20-AUG-2010 06:24:28; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;44291
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4; 1599.0; 20-AUG-2010 19:59:26; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44299
5; 1798.8; 20-AUG-2010 20:02:46; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44299
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9; 2684.6; 20-AUG-2010 20:17:32; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44299
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12; 4186.4; 20-AUG-2010 20:42:34; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;44299
13; 4371.2; 20-AUG-2010 20:45:38; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;44299
14; 4566.2; 20-AUG-2010 20:48:53; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;44299
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9; 499.9; 20-AUG-2010 21:21:43; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44300
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17; 2492.0; 20-AUG-2010 21:54:55; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44300
18; 2684.2; 20-AUG-2010 21:58:07; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44300
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21; 4186.3; 20-AUG-2010 22:23:09; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;44300
22; 4371.2; 20-AUG-2010 22:26:14; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;44300
23; 4566.1; 20-AUG-2010 22:29:29; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;44300
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25; 4962.3; 20-AUG-2010 22:36:05; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;44300
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27; 5166.3; 20-AUG-2010 22:39:29; Dark ; 52.0; 30; 46Eps Ori ; 1.69; 30000;occ; 104; 0;44300
28; 5254.1; 20-AUG-2010 22:40:57; Dark ; 48.5; 125; 44Tot Ori ; 2.77; 30000;occ; 97; 0;44300

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7; 992.6; 20-AUG-2010 23:10:31; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;44301
8; 1277.6; 20-AUG-2010 23:15:16; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44301
9; 1598.9; 20-AUG-2010 23:20:38; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;44301
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12; 2096.1; 20-AUG-2010 23:28:55; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44301
13; 2491.9; 20-AUG-2010 23:35:31; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44301
14; 2684.2; 20-AUG-2010 23:38:43; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;44301
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 8; 854.5; 21-AUG-2010 02:29:25; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;44303
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14; 5170.7; 21-AUG-2010 08:43:09; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;44306
15; 5258.8; 21-AUG-2010 08:44:37; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;44306
16; 5365.3; 21-AUG-2010 08:46:24; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;44306
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19; 6331.8; 21-AUG-2010 09:02:30; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44307
20; 6540.7; 21-AUG-2010 09:05:59; Dark ; 50.5; 9; Alp Eri ; 0.45; 24000;occ; 101; 0;44307
21; 6893.2; 21-AUG-2010 09:11:52; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44307
22; 7031.0; 21-AUG-2010 09:14:10; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;44307
23; 7316.0; 21-AUG-2010 09:18:55; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44307
24; 7635.4; 21-AUG-2010 09:24:14; Bright; 41.5; 142; 49Del Cap ; 2.85; 8900;occ; 83; 0;44307
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3; 2094.7; 21-AUG-2010 09:32:29; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44307
4; 2491.3; 21-AUG-2010 09:39:06; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44307
5; 2683.9; 21-AUG-2010 09:42:18; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44307
6; 2999.0; 21-AUG-2010 09:47:33; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44307
7; 3251.0; 21-AUG-2010 09:51:45; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44307
8; 4185.4; 21-AUG-2010 10:07:20; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;44307
9; 4371.6; 21-AUG-2010 10:10:26; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;44307
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11; 4740.3; 21-AUG-2010 10:16:35; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44307
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15; 5259.7; 21-AUG-2010 10:25:14; Dark ; 47.0; 125; 44Iot Ori ; 2.77; 30000;occ; 94; 0;44307
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18; 5642.6; 21-AUG-2010 10:31:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44307
19; 6333.2; 21-AUG-2010 10:43:08; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44308
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21; 6894.3; 21-AUG-2010 10:52:29; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44308
22; 7031.8; 21-AUG-2010 10:54:46; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;44308
23; 7316.3; 21-AUG-2010 10:59:31; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44308
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3; 2094.6; 21-AUG-2010 11:13:05; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44308
4; 2491.0; 21-AUG-2010 11:19:41; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44308
5; 2683.7; 21-AUG-2010 11:22:54; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44308
6; 2998.7; 21-AUG-2010 11:28:09; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44308
7; 3249.8; 21-AUG-2010 11:32:20; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;44308
8; 4185.3; 21-AUG-2010 11:47:56; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;44308
9; 4372.0; 21-AUG-2010 11:51:02; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;44308
10; 4642.9; 21-AUG-2010 11:55:33; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;44308
11; 4740.5; 21-AUG-2010 11:57:11; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44308
12; 4966.5; 21-AUG-2010 12:00:57; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;44308
13; 5055.1; 21-AUG-2010 12:02:25; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;44308
14; 5172.2; 21-AUG-2010 12:04:23; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;44308
15; 5260.4; 21-AUG-2010 12:05:51; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44308
16; 5367.3; 21-AUG-2010 12:07:38; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;44308
17; 5468.7; 21-AUG-2010 12:09:19; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44308
18; 5643.4; 21-AUG-2010 12:12:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44308
19; 6334.0; 21-AUG-2010 12:23:44; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44309
20; 6541.6; 21-AUG-2010 12:27:12; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44309

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22; 7031.9; 21-AUG-2010 12:35:22; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44309
23; 7316.8; 21-AUG-2010 12:40:07; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44309
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 3; 1908.1; 21-AUG-2010 12:50:34; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;44309
 4; 2094.2; 21-AUG-2010 12:53:40; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44309
 5; 2491.3; 21-AUG-2010 13:00:17; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44309
 6; 2683.2; 21-AUG-2010 13:03:29; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44309
 7; 2998.3; 21-AUG-2010 13:08:44; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;44309
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 9; 4185.2; 21-AUG-2010 13:28:31; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;44309
10; 4372.0; 21-AUG-2010 13:31:38; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;44309
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13; 4967.2; 21-AUG-2010 13:41:33; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;44309
14; 5055.9; 21-AUG-2010 13:43:02; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;44309
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17; 5368.5; 21-AUG-2010 13:48:15; Dark ; 62.5; 7; 19Bet Ori ; 0.10; 14000;occ; 125; 0;44309
18; 5469.6; 21-AUG-2010 13:49:56; Dark ; 49.0; 101; 11Alp Lep ; 2.58; 7000;occ; 98; 0;44309
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23; 7032.2; 21-AUG-2010 14:15:58; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44310
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 3; 1908.1; 21-AUG-2010 14:31:10; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44310
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 5; 2491.1; 21-AUG-2010 14:40:53; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44310
 6; 2683.3; 21-AUG-2010 14:44:05; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44310
 7; 2998.6; 21-AUG-2010 14:49:21; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44310
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23; 7033.0; 21-AUG-2010 15:56:35; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44311
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 3; 1799.1; 21-AUG-2010 16:09:57; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;44311
 4; 1908.1; 21-AUG-2010 16:11:46; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44311
 5; 2093.6; 21-AUG-2010 16:14:52; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44311
 6; 2491.0; 21-AUG-2010 16:21:29; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44311
 7; 2683.0; 21-AUG-2010 16:24:41; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44311
 8; 2997.8; 21-AUG-2010 16:29:56; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44311
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21; 6338.2; 21-AUG-2010 17:25:36; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44312
22; 6543.8; 21-AUG-2010 17:29:02; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44312
23; 6897.2; 21-AUG-2010 17:34:55; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44312
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6; 2093.7; 21-AUG-2010 17:55:28; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44312
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8; 2682.9; 21-AUG-2010 18:05:17; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44312
9; 2997.9; 21-AUG-2010 18:10:32; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44312
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 16; 1284.7; 22-AUG-2010 07:06:46; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44320
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 4; 2490.0; 22-AUG-2010 07:26:52; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44320
 5; 2682.2; 22-AUG-2010 07:30:04; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44320
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 9; 4372.2; 22-AUG-2010 07:58:14; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44320
 10; 4570.6; 22-AUG-2010 08:01:32; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44320
 11; 4744.0; 22-AUG-2010 08:04:26; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44320
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 14; 5181.4; 22-AUG-2010 08:11:43; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;44320
 15; 5269.7; 22-AUG-2010 08:13:11; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;44320
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 17; 5478.9; 22-AUG-2010 08:16:40; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44320
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 23; 7320.7; 22-AUG-2010 08:47:22; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;44321
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 4; 2490.0; 22-AUG-2010 09:07:27; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44321
 5; 2682.1; 22-AUG-2010 09:10:39; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44321
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 8; 4183.4; 22-AUG-2010 09:35:41; Bright; 66.0; 6; 13Alp Aur ; 0.08; 3400;occ; 132; 0;44321
 9; 4372.7; 22-AUG-2010 09:38:50; Bright; 61.0; 107; 37The Aur ; 2.65; 11000;occ; 122; 0;44321
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 13; 5064.8; 22-AUG-2010 09:50:22; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;44321
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 15; 5270.6; 22-AUG-2010 09:53:48; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44321
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 21; 6904.6; 22-AUG-2010 10:21:02; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44322
 22; 7036.9; 22-AUG-2010 10:23:14; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;44322
 23; 7321.2; 22-AUG-2010 10:27:59; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44322
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 6; 2996.0; 22-AUG-2010 10:56:29; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44322
 7; 3239.7; 22-AUG-2010 11:00:33; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44322
 8; 4183.1; 22-AUG-2010 11:16:16; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;44322
 9; 4372.6; 22-AUG-2010 11:19:26; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44322
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 11; 4744.8; 22-AUG-2010 11:25:38; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44322
 12; 4974.0; 22-AUG-2010 11:29:27; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;44322
 13; 5065.5; 22-AUG-2010 11:30:59; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;44322
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 16; 5381.1; 22-AUG-2010 11:36:14; Dark ; 63.5; 7; 19Bet Ori ; 0.10; 14000;occ; 127; 0;44322
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 5; 2489.4; 22-AUG-2010 12:28:39; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44323
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 9; 4183.2; 22-AUG-2010 12:56:52; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;44323
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 22; 6906.2; 22-AUG-2010 13:42:15; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44324
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 5; 2489.7; 22-AUG-2010 14:09:15; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44324
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 5; 2489.4; 22-AUG-2010 15:49:50; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44325
 6; 2681.7; 22-AUG-2010 15:53:03; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44325
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 7; 3230.2; 23-AUG-2010 08:48:11; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44335
 8; 4181.3; 23-AUG-2010 09:04:02; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44335
 9; 4373.6; 23-AUG-2010 09:07:14; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44335
10; 4573.7; 23-AUG-2010 09:10:34; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44335
11; 4748.6; 23-AUG-2010 09:13:29; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44335
12; 4981.5; 23-AUG-2010 09:17:22; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;44335
13; 5075.7; 23-AUG-2010 09:18:56; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44335
14; 5193.1; 23-AUG-2010 09:20:54; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44335

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15; 5282.4; 23-AUG-2010 09:22:23; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44335
 16; 5394.8; 23-AUG-2010 09:24:15; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;44335
 17; 5551.5; 23-AUG-2010 09:26:52; Dark ; 49.0; 139; 9Bet Lep ; 2.83; 5600;occ; 98; 0;44335
 18; 5667.3; 23-AUG-2010 09:28:48; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44335
 19; 6367.0; 23-AUG-2010 09:40:27; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44336
 20; 6559.9; 23-AUG-2010 09:43:40; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44336
 21; 6914.7; 23-AUG-2010 09:49:35; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44336
 22; 7042.3; 23-AUG-2010 09:51:43; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;44336
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 3; 2089.2; 23-AUG-2010 10:09:45; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44336
 4; 2488.5; 23-AUG-2010 10:16:25; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44336
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 6; 2993.3; 23-AUG-2010 10:24:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44336
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 9; 4373.4; 23-AUG-2010 10:47:50; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44336
 10; 4574.2; 23-AUG-2010 10:51:11; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44336
 11; 4649.7; 23-AUG-2010 10:52:26; Dark ; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;44336
 12; 4748.6; 23-AUG-2010 10:54:05; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44336
 13; 4981.9; 23-AUG-2010 10:57:58; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44336
 14; 5076.4; 23-AUG-2010 10:59:33; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44336
 15; 5193.7; 23-AUG-2010 11:01:30; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;44336
 16; 5307.5; 23-AUG-2010 11:03:24; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;44336
 17; 5395.9; 23-AUG-2010 11:04:52; Dark ; 67.5; 7; 19Bet Ori ; 0.10; 14000;occ; 135; 0;44336
 18; 5552.2; 23-AUG-2010 11:07:29; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;44336
 19; 5668.2; 23-AUG-2010 11:09:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44336
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 21; 6560.1; 23-AUG-2010 11:24:16; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44337
 22; 6915.3; 23-AUG-2010 11:30:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44337
 23; 7042.9; 23-AUG-2010 11:32:19; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44337
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 3; 1904.2; 23-AUG-2010 11:47:16; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44337
 4; 2088.9; 23-AUG-2010 11:50:21; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44337
 5; 2488.5; 23-AUG-2010 11:57:01; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44337
 6; 2680.6; 23-AUG-2010 12:00:13; Bright; 35.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 70; 0;44337
 7; 2993.2; 23-AUG-2010 12:05:25; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44337
 8; 3228.7; 23-AUG-2010 12:09:21; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44337
 9; 4181.1; 23-AUG-2010 12:25:13; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;44337
 10; 4373.3; 23-AUG-2010 12:28:26; Bright; 53.5; 107; 37The Aur ; 2.65; 11000;occ; 107; 0;44337
 11; 4574.3; 23-AUG-2010 12:31:46; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44337
 12; 4650.3; 23-AUG-2010 12:33:02; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;44337
 13; 4749.1; 23-AUG-2010 12:34:41; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44337
 14; 4982.4; 23-AUG-2010 12:38:35; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44337
 15; 5077.3; 23-AUG-2010 12:40:09; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44337
 16; 5194.6; 23-AUG-2010 12:42:07; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;44337
 17; 5308.0; 23-AUG-2010 12:44:00; Dark ; 46.5; 1; 9Alp CMa ; -1.44; 11000;occ; 93; 0;44337
 18; 5396.8; 23-AUG-2010 12:45:29; Dark ; 67.0; 7; 19Bet Ori ; 0.10; 14000;occ; 134; 0;44337
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 20; 5669.1; 23-AUG-2010 12:50:01; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44337
 21; 6369.5; 23-AUG-2010 13:01:42; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44338
 22; 6561.0; 23-AUG-2010 13:04:53; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44338
 23; 6916.5; 23-AUG-2010 13:10:49; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44338
 24; 7043.4; 23-AUG-2010 13:12:56; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;44338
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 3; 1904.5; 23-AUG-2010 13:27:53; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44338
 4; 2088.6; 23-AUG-2010 13:30:57; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44338
 5; 2488.5; 23-AUG-2010 13:37:37; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44338

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7; 2993.0; 23-AUG-2010 13:46:01; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44338
8; 3227.9; 23-AUG-2010 13:49:56; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44338
9; 4180.8; 23-AUG-2010 14:05:49; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;44338
10; 4373.7; 23-AUG-2010 14:09:02; Bright; 55.5; 107; 37The Aur ; 2.65; 11000;occ; 111; 0;44338
11; 4574.7; 23-AUG-2010 14:12:23; Dark ; 40.0; 28; 12Bet Tau ; 1.65; 15200;occ; 80; 0;44338
12; 4650.8; 23-AUG-2010 14:13:39; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;44338
13; 4749.3; 23-AUG-2010 14:15:17; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44338
14; 4982.9; 23-AUG-2010 14:19:11; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;44338
15; 5078.2; 23-AUG-2010 14:20:46; Dark ; 31.0; 27; 24Gam Ori ; 1.64; 26000;occ; 62; 0;44338
16; 5195.6; 23-AUG-2010 14:22:44; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44338
17; 5308.5; 23-AUG-2010 14:24:37; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;44338
18; 5398.1; 23-AUG-2010 14:26:06; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;44338
19; 5554.4; 23-AUG-2010 14:28:42; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;44338
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21; 6370.3; 23-AUG-2010 14:42:18; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44339
22; 6561.5; 23-AUG-2010 14:45:30; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44339
23; 6917.0; 23-AUG-2010 14:51:25; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44339
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4; 2088.3; 23-AUG-2010 15:11:32; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44339
5; 2488.2; 23-AUG-2010 15:18:12; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44339
6; 2680.2; 23-AUG-2010 15:21:24; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44339
7; 2992.9; 23-AUG-2010 15:26:37; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;44339
8; 3227.6; 23-AUG-2010 15:30:32; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;44339
9; 4180.6; 23-AUG-2010 15:46:25; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;44339
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11; 4574.7; 23-AUG-2010 15:52:59; Dark ; 40.0; 28; 12Bet Tau ; 1.65; 15200;occ; 80; 0;44339
12; 4650.9; 23-AUG-2010 15:54:15; Dark ; 49.0; 151; 13Mu Gem ; 2.89; 3000;occ; 98; 0;44339
13; 4749.9; 23-AUG-2010 15:55:54; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44339
14; 4983.4; 23-AUG-2010 15:59:47; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44339
15; 5079.0; 23-AUG-2010 16:01:23; Dark ; 31.0; 27; 24Gam Ori ; 1.64; 26000;occ; 62; 0;44339
16; 5196.5; 23-AUG-2010 16:03:20; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;44339
17; 5308.9; 23-AUG-2010 16:05:13; Dark ; 47.0; 1; 9Alp CMa ; -1.44; 11000;occ; 94; 0;44339
18; 5399.1; 23-AUG-2010 16:06:43; Dark ; 67.5; 7; 19Bet Ori ; 0.10; 14000;occ; 135; 0;44339
19; 5555.0; 23-AUG-2010 16:09:19; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;44339
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22; 6562.6; 23-AUG-2010 16:26:07; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44340
23; 6918.0; 23-AUG-2010 16:32:02; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44340
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5; 2088.1; 23-AUG-2010 16:52:08; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;44340
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7; 2680.2; 23-AUG-2010 17:02:00; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44340
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16; 4984.2; 23-AUG-2010 17:40:24; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44340
17; 5197.3; 23-AUG-2010 17:43:57; Dark ; 55.0; 30; 46Eps Ori ; 1.69; 30000;occ; 110; 0;44340
18; 5309.2; 23-AUG-2010 17:45:49; Dark ; 46.5; 1; 9Alp CMa ; -1.44; 11000;occ; 93; 0;44340
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22; 6373.2; 23-AUG-2010 18:03:33; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44341

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4; 1800.0; 23-AUG-2010 18:27:56; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44341
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4; 1603.6; 23-AUG-2010 20:05:16; Dark ; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44342
5; 1800.0; 23-AUG-2010 20:08:32; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44342
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22; 4373.9; 23-AUG-2010 22:32:02; Bright; 47.0; 107; 37The Aur ; 2.65; 11000;occ; 94; 0;44343
23; 4652.0; 23-AUG-2010 22:36:40; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44343
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5; -360.4; 24-AUG-2010 00:34:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44344
6; 342.0; 24-AUG-2010 00:46:02; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44345
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9; 1010.0; 24-AUG-2010 00:57:10; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44345
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11; 1604.0; 24-AUG-2010 01:07:04; Dark ; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44345
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3; -630.1; 24-AUG-2010 02:10:25; Dark ; 65.0; 7; 19Bet Ori ; 0.10; 14000;occ; 130; 0;44345
4; -475.6; 24-AUG-2010 02:13:00; Dark ; 45.5; 139; 9Bet Lep ; 2.83; 5600;occ; 91; 0;44345
5; -359.5; 24-AUG-2010 02:14:56; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44345
6; 343.8; 24-AUG-2010 02:26:39; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44346
7; 530.5; 24-AUG-2010 02:29:46; Dark ; 52.0; 9; Alp Eri ; 0.45; 24000;occ; 104; 0;44346
8; 886.4; 24-AUG-2010 02:35:42; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44346
9; 1010.6; 24-AUG-2010 02:37:46; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;44346

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12; 530.9; 24-AUG-2010 04:10:22; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44347
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6; 2679.7; 24-AUG-2010 11:28:35; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44351
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13; 4655.2; 24-AUG-2010 18:43:54; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;44355
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8; 2487.1; 24-AUG-2010 21:28:58; Bright; 34.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 69; 0;44357
9; 2679.1; 24-AUG-2010 21:32:10; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44357
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16; 4754.9; 24-AUG-2010 22:06:46; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;44357

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11; 1605.5; 24-AUG-2010 22:54:52; Dark ; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44358
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13; 1901.7; 24-AUG-2010 22:59:48; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44358
14; 2085.0; 24-AUG-2010 23:02:52; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44358
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16; 2678.9; 24-AUG-2010 23:12:46; Bright; 33.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 67; 0;44358
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23; 4755.3; 24-AUG-2010 23:47:22; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44358
24; 4994.7; 24-AUG-2010 23:51:21; Dark ; 67.0; 14; 58Alp Ori ; 0.87; 3000;occ; 134; 0;44358
25; 5212.0; 24-AUG-2010 23:54:59; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44358
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6; 538.4; 25-AUG-2010 00:17:41; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44359
7; 895.1; 25-AUG-2010 00:23:38; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44359
8; 1015.1; 25-AUG-2010 00:25:38; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44359
9; 1297.7; 25-AUG-2010 00:30:20; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44359
10; 1605.7; 25-AUG-2010 00:35:28; Dark ; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;44359
11; 1800.1; 25-AUG-2010 00:38:43; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44359
12; 1901.7; 25-AUG-2010 00:40:24; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44359
13; 2085.3; 25-AUG-2010 00:43:28; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44359
14; 2486.9; 25-AUG-2010 00:50:09; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44359
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5; -346.3; 25-AUG-2010 01:43:32; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44359
6; 360.7; 25-AUG-2010 01:55:19; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44360
7; 539.2; 25-AUG-2010 01:58:18; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44360
8; 895.8; 25-AUG-2010 02:04:14; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44360
9; 1015.8; 25-AUG-2010 02:06:14; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44360
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11; 1605.7; 25-AUG-2010 02:16:04; Dark ; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44360
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13; 1901.2; 25-AUG-2010 02:21:00; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44360

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14; 4758.8; 25-AUG-2010 16:33:25; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;44368
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16; 5221.0; 25-AUG-2010 16:41:07; Dark ; 54.0; 33; 50Zet Ori ; 1.77; 30000;occ; 108; 0;44368
17; 5322.5; 25-AUG-2010 16:42:48; Dark ; 45.5; 1; 9Alp CMa ;-1.44; 11000;occ; 91; 0;44368
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3; 1800.8; 25-AUG-2010 17:24:43; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44369
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5; 2083.8; 25-AUG-2010 17:29:26; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44369
6; 2486.3; 25-AUG-2010 17:36:08; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44369
7; 2678.5; 25-AUG-2010 17:39:20; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44369
8; 2987.5; 25-AUG-2010 17:44:29; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44369
9; 3206.1; 25-AUG-2010 17:48:08; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44369
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11; 4216.4; 25-AUG-2010 18:04:58; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;44369
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13; 4658.8; 25-AUG-2010 18:12:21; Dark ; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;44369
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22; 6938.9; 25-AUG-2010 18:50:21; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44370
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11; 3338.0; 25-AUG-2010 19:30:56; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44370
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17; 5222.4; 25-AUG-2010 20:02:20; Dark ; 55.5; 33; 50Zet Ori ; 1.77; 30000;occ; 111; 0;44370
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22; 6582.1; 25-AUG-2010 20:25:00; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44371
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6; 1900.3; 25-AUG-2010 20:47:34; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44371
7; 2083.4; 25-AUG-2010 20:50:37; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44371

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 11; 3204.6; 25-AUG-2010 21:09:18; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;44371
 12; 3337.3; 25-AUG-2010 21:11:31; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44371
 13; 4216.2; 25-AUG-2010 21:26:10; Bright; 54.0; 42; 34Bet Aur ; 1.90; 10200;occ; 108; 0;44371
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 16; 4759.4; 25-AUG-2010 21:35:13; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44371
 17; 5002.4; 25-AUG-2010 21:39:16; Dark ; 67.5; 14; 58Alp Ori ; 0.87; 3000;occ; 135; 0;44371
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 8; 1020.0; 25-AUG-2010 22:13:30; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;44372
 9; 1302.6; 25-AUG-2010 22:18:12; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44372
 10; 1607.4; 25-AUG-2010 22:23:17; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44372
 11; 1800.9; 25-AUG-2010 22:26:31; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44372
 12; 1900.2; 25-AUG-2010 22:28:10; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;44372
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 15; 2986.9; 25-AUG-2010 22:46:17; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44372
 16; 3203.9; 25-AUG-2010 22:49:54; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44372
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 22; 5003.1; 25-AUG-2010 23:19:53; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44372
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 13; 2486.2; 26-AUG-2010 00:18:32; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44373
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 5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374
 6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374
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5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374
6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374
7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374
8; 1302.8; 26-AUG-2010 01:39:24; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44374
9; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
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21; 7057.2; 26-AUG-2010 03:15:19; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;44375
22; 7339.4; 26-AUG-2010 03:20:01; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44375
23; 7643.6; 26-AUG-2010 03:25:05; Dark ; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44375
24; 7837.3; 26-AUG-2010 03:28:19; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44375
25; 7936.0; 26-AUG-2010 03:29:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44375
26; 8119.0; 26-AUG-2010 03:33:00; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44375
27; 8530.9; 26-AUG-2010 03:39:52; Bright; 26.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 53; 0;44375
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2; 3202.0; 26-AUG-2010 03:51:39; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44375
3; 3334.4; 26-AUG-2010 03:53:52; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44375
4; 4216.1; 26-AUG-2010 04:08:33; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44375
5; 4375.3; 26-AUG-2010 04:11:13; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44375
6; 4660.5; 26-AUG-2010 04:15:58; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44375
7; 4761.0; 26-AUG-2010 04:17:38; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44375
8; 5005.2; 26-AUG-2010 04:21:43; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44375
9; 5223.7; 26-AUG-2010 04:25:21; Dark ; 59.5; 72; 34Del Ori ; 2.25; 30000;occ; 119; 0;44375
10; 5325.9; 26-AUG-2010 04:27:03; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;44375
11; 5528.0; 26-AUG-2010 04:30:25; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44375
12; 5705.1; 26-AUG-2010 04:33:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44375
13; 6416.6; 26-AUG-2010 04:45:14; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44376
14; 6585.8; 26-AUG-2010 04:48:03; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44376
15; 6943.2; 26-AUG-2010 04:54:01; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;44376
16; 7057.7; 26-AUG-2010 04:55:55; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44376
17; 7339.3; 26-AUG-2010 05:00:37; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44376
18; 7644.0; 26-AUG-2010 05:05:41; Dark ; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;44376
19; 7837.5; 26-AUG-2010 05:08:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44376
20; 7936.2; 26-AUG-2010 05:10:34; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44376
21; 8119.2; 26-AUG-2010 05:13:37; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44376
22; 8587.3; 26-AUG-2010 05:21:25; Bright; 49.5; 164; 44Eta Peg ; 2.95; 5400;occ; 99; 0;44376
23; 9022.7; 26-AUG-2010 05:28:40; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44376
24; 9237.1; 26-AUG-2010 05:32:14; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44376
25; 9369.6; 26-AUG-2010 05:34:27; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44376
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2; -1660.7; 26-AUG-2010 05:51:49; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;44376
3; -1375.4; 26-AUG-2010 05:56:34; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;44376
4; -1274.6; 26-AUG-2010 05:58:15; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44376

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2; -1660.6; 26-AUG-2010 07:32:25; Bright; 58.0; 107; 37The Aur ; 2.65; 11000;occ; 116; 0;44377
3; -1374.9; 26-AUG-2010 07:37:10; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;44377
4; -1274.3; 26-AUG-2010 07:38:51; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44377
5; -1029.7; 26-AUG-2010 07:42:56; Dark ; 63.5; 14; 58Alp Ori ; 0.87; 3000;occ; 127; 0;44377
6; -810.3; 26-AUG-2010 07:46:35; Dark ; 55.5; 72; 34Del Ori ; 2.25; 30000;occ; 111; 0;44377
7; -709.2; 26-AUG-2010 07:48:16; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;44377
8; -505.8; 26-AUG-2010 07:51:40; Dark ; 50.0; 101; 11Alp Lep ; 2.58; 7000;occ; 100; 0;44377
9; -328.9; 26-AUG-2010 07:54:36; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44377
10; 382.8; 26-AUG-2010 08:06:28; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44378
11; 551.0; 26-AUG-2010 08:09:16; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44378
12; 908.4; 26-AUG-2010 08:15:14; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44378
13; 1022.3; 26-AUG-2010 08:17:08; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;44378
14; 1304.2; 26-AUG-2010 08:21:50; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44378
15; 1608.2; 26-AUG-2010 08:26:54; Dark ; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44378

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1; 1801.7; 26-AUG-2010 08:30:07; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44378
2; 1900.1; 26-AUG-2010 08:31:45; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44378
3; 2082.6; 26-AUG-2010 08:34:48; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44378
4; 2549.7; 26-AUG-2010 08:42:35; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44378
5; 2986.1; 26-AUG-2010 08:49:51; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44378
6; 3200.0; 26-AUG-2010 08:53:25; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44378
7; 3331.9; 26-AUG-2010 08:55:37; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44378
8; 4215.9; 26-AUG-2010 09:10:21; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44378
9; 4375.5; 26-AUG-2010 09:13:01; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44378
10; 4661.2; 26-AUG-2010 09:17:47; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44378
11; 4761.8; 26-AUG-2010 09:19:27; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;44378
12; 5006.9; 26-AUG-2010 09:23:32; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44378
13; 5226.3; 26-AUG-2010 09:27:12; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44378
14; 5327.1; 26-AUG-2010 09:28:52; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;44378
15; 5530.9; 26-AUG-2010 09:32:16; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44378
16; 5708.0; 26-AUG-2010 09:35:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44378

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2; 552.5; 26-AUG-2010 11:30:30; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44380
3; 909.5; 26-AUG-2010 11:36:27; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44380
4; 1023.3; 26-AUG-2010 11:38:20; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44380
5; 1304.9; 26-AUG-2010 11:43:02; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44380
6; 1608.3; 26-AUG-2010 11:48:05; Dark ; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44380

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1; 1801.5; 26-AUG-2010 11:51:19; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;44380
2; 1899.7; 26-AUG-2010 11:52:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44380
3; 2082.5; 26-AUG-2010 11:56:00; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44380
4; 2548.5; 26-AUG-2010 12:03:46; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44380
5; 2985.5; 26-AUG-2010 12:11:03; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44380
6; 3198.7; 26-AUG-2010 12:14:36; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44380
7; 4215.9; 26-AUG-2010 12:31:33; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;44380
8; 4375.4; 26-AUG-2010 12:34:12; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44380
9; 4661.6; 26-AUG-2010 12:38:59; Dark ; 59.5; 151; 13Mu Gem ; 2.89; 3000;occ; 119; 0;44380
10; 4762.5; 26-AUG-2010 12:40:40; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44380
11; 5008.4; 26-AUG-2010 12:44:46; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44380
12; 5228.2; 26-AUG-2010 12:48:25; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44380
13; 5328.2; 26-AUG-2010 12:50:05; Dark ; 44.0; 1; 9Alp CMa ; -1.44; 11000;occ; 88; 0;44380
14; 5532.8; 26-AUG-2010 12:53:30; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;44380
15; 5709.9; 26-AUG-2010 12:56:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44380
16; 6422.2; 26-AUG-2010 13:08:19; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;44381
17; 6589.0; 26-AUG-2010 13:11:06; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44381
18; 6946.4; 26-AUG-2010 13:17:03; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44381
19; 7059.2; 26-AUG-2010 13:18:56; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44381
20; 7340.8; 26-AUG-2010 13:23:38; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;44381

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2; 1801.5; 26-AUG-2010 13:31:54; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44381
3; 1899.5; 26-AUG-2010 13:33:32; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44381
4; 2082.1; 26-AUG-2010 13:36:35; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44381
5; 2547.8; 26-AUG-2010 13:44:21; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;44381
6; 2985.6; 26-AUG-2010 13:51:39; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44381

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7; 3197.3; 26-AUG-2010 13:55:10; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44381
8; 3329.7; 26-AUG-2010 13:57:23; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44381
9; 4215.5; 26-AUG-2010 14:12:08; Bright; 45.5; 42; 34Bet Aur ; 1.90; 10200;occ; 91; 0;44381
10; 4375.7; 26-AUG-2010 14:14:49; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44381
11; 4661.9; 26-AUG-2010 14:19:35; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;44381
12; 4762.8; 26-AUG-2010 14:21:16; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44381
13; 5008.6; 26-AUG-2010 14:25:22; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44381
14; 5229.4; 26-AUG-2010 14:29:02; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44381
15; 5328.9; 26-AUG-2010 14:30:42; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;44381
16; 5534.0; 26-AUG-2010 14:34:07; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;44381
17; 5711.0; 26-AUG-2010 14:37:04; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44381
18; 6423.6; 26-AUG-2010 14:48:57; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;44382
19; 6589.2; 26-AUG-2010 14:51:42; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44382
20; 6947.2; 26-AUG-2010 14:57:40; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44382
21; 7059.7; 26-AUG-2010 14:59:33; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;44382
22; 7341.2; 26-AUG-2010 15:04:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44382
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5; 2547.3; 26-AUG-2010 15:24:56; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;44382
6; 2985.5; 26-AUG-2010 15:32:14; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44382
7; 3196.7; 26-AUG-2010 15:35:46; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44382
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10; 4375.9; 26-AUG-2010 15:55:25; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44382
11; 4662.3; 26-AUG-2010 16:00:11; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44382
12; 4763.1; 26-AUG-2010 16:01:52; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44382
13; 5009.5; 26-AUG-2010 16:05:58; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44382
14; 5230.4; 26-AUG-2010 16:09:39; Dark ; 39.0; 72; 34Del Ori ; 2.25; 30000;occ; 78; 0;44382
15; 5329.1; 26-AUG-2010 16:11:18; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;44382
16; 5534.8; 26-AUG-2010 16:14:44; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;44382
17; 5712.0; 26-AUG-2010 16:17:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44382
18; 6425.0; 26-AUG-2010 16:29:34; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44383
19; 6590.4; 26-AUG-2010 16:32:19; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44383
20; 6947.6; 26-AUG-2010 16:38:16; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44383
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3; 1801.8; 26-AUG-2010 16:53:07; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44383
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5; 2081.8; 26-AUG-2010 16:57:47; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44383
6; 2546.4; 26-AUG-2010 17:05:31; Bright; 48.5; 164; 44Eta Peg ; 2.95; 5400;occ; 97; 0;44383
7; 2985.2; 26-AUG-2010 17:12:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44383
8; 3196.3; 26-AUG-2010 17:16:21; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44383
9; 3328.4; 26-AUG-2010 17:18:33; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44383
10; 4215.4; 26-AUG-2010 17:33:20; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;44383
11; 4375.7; 26-AUG-2010 17:36:01; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44383
12; 4662.6; 26-AUG-2010 17:40:47; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;44383
13; 4763.6; 26-AUG-2010 17:42:28; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44383
14; 5010.2; 26-AUG-2010 17:46:35; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44383
15; 5231.3; 26-AUG-2010 17:50:16; Dark ; 39.0; 72; 34Del Ori ; 2.25; 30000;occ; 78; 0;44383
16; 5329.7; 26-AUG-2010 17:51:55; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;44383
17; 5536.1; 26-AUG-2010 17:55:21; Dark ; 47.0; 101; 11Alp Lep ; 2.58; 7000;occ; 94; 0;44383
18; 5713.0; 26-AUG-2010 17:58:18; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44383
19; 6426.4; 26-AUG-2010 18:10:11; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;44384
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19; 4511.4; 30-AUG-2010 23:54:48; Bright; 34.5; 17; 78Bet Gem ; 1.16; 4500;occ; 69; 0;44444
20; 4680.5; 30-AUG-2010 23:57:37; Dark ; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;44444
21; 4784.8; 30-AUG-2010 23:59:21; Dark ; 49.0; 44; 24Gam Gem ; 1.93; 11000;occ; 98; 0;44444
22; 5053.3; 31-AUG-2010 00:03:50; Dark ; 33.0; 14; 58Alp Ori ; 0.87; 3000;occ; 66; 0;44444
23; 5363.0; 31-AUG-2010 00:08:59; Dark ; 20.5; 1; 9Alp CMA ; -1.44; 11000;occ; 41; 0;44444
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2; 1896.0; 30-AUG-2010 09:46:25; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;44436
3; 2076.6; 30-AUG-2010 09:49:26; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44436

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4; 2515.2; 30-AUG-2010 09:56:44; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;44436
5; 2978.1; 30-AUG-2010 10:04:27; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44436
6; 3160.4; 30-AUG-2010 10:07:29; Bright; 66.0; 74; 11Bet Cas ; 2.27; 6600;occ; 132; 0;44436
7; 3290.2; 30-AUG-2010 10:09:39; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;44436
8; 4211.1; 30-AUG-2010 10:25:00; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;44436
9; 4377.3; 30-AUG-2010 10:27:46; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;44436
10; 4510.2; 30-AUG-2010 10:29:59; Bright; 38.5; 17; 78Bet Gem ; 1.16; 4500;occ; 77; 0;44436
11; 4678.1; 30-AUG-2010 10:32:47; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;44436
12; 4781.8; 30-AUG-2010 10:34:31; Dark ; 50.0; 44; 24Gam Gem ; 1.93; 11000;occ; 100; 0;44436
13; 5047.2; 30-AUG-2010 10:38:56; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;44436
14; 5358.2; 30-AUG-2010 10:44:07; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;44436
15; 5591.3; 30-AUG-2010 10:48:00; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;44436
16; 5768.5; 30-AUG-2010 10:50:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44436
17; 6548.5; 30-AUG-2010 11:03:58; Dark ; 41.5; 143; Alp Hyi ; 2.86; 7200;occ; 83; 0;44437
18; 6624.2; 30-AUG-2010 11:05:13; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44437
19; 6982.2; 30-AUG-2010 11:11:11; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44437
20; 7358.1; 30-AUG-2010 11:17:27; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;44437
21; 7651.2; 30-AUG-2010 11:22:20; Dark ; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;44437

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2; 1804.8; 30-AUG-2010 11:25:30; Bright; 38.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 77; 0;44437
3; 1896.1; 30-AUG-2010 11:27:01; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;44437
4; 2076.9; 30-AUG-2010 11:30:02; Bright; 38.0; 61; 8Eps Peg ; 2.10; 3900;occ; 76; 0;44437
5; 2514.3; 30-AUG-2010 11:37:19; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;44437
6; 2977.9; 30-AUG-2010 11:45:03; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44437
7; 3159.4; 30-AUG-2010 11:48:04; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44437
8; 3289.4; 30-AUG-2010 11:50:14; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44437
9; 4210.7; 30-AUG-2010 12:05:36; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;44437
10; 4377.3; 30-AUG-2010 12:08:22; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;44437
11; 4510.3; 30-AUG-2010 12:10:35; Bright; 37.0; 17; 78Bet Gem ; 1.16; 4500;occ; 74; 0;44437
12; 4678.6; 30-AUG-2010 12:13:24; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44437
13; 4782.4; 30-AUG-2010 12:15:07; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;44437
14; 5047.9; 30-AUG-2010 12:19:33; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44437
15; 5358.6; 30-AUG-2010 12:24:44; Dark ; 49.5; 1; 9Alp CMa ; -1.44; 11000;occ; 99; 0;44437
16; 5592.1; 30-AUG-2010 12:28:37; Dark ; 57.5; 101; 11Alp Lep ; 2.58; 7000;occ; 115; 0;44437
17; 5769.6; 30-AUG-2010 12:31:35; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44437
18; 6549.2; 30-AUG-2010 12:44:34; Dark ; 41.5; 143; Alp Hyi ; 2.86; 7200;occ; 83; 0;44438
19; 6624.9; 30-AUG-2010 12:45:50; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44438
20; 6982.8; 30-AUG-2010 12:51:48; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44438
21; 7358.4; 30-AUG-2010 12:58:03; Dark ; 46.5; 18; 24Alp PsA ; 1.17; 9700;occ; 93; 0;44438
22; 7651.6; 30-AUG-2010 13:02:57; Dark ; 29.0; 142; 49Del Cap ; 2.85; 8900;occ; 58; 0;44438

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2; 1804.9; 30-AUG-2010 13:06:06; Bright; 37.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 75; 0;44438
3; 1895.8; 30-AUG-2010 13:07:37; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;44438
4; 2076.7; 30-AUG-2010 13:10:38; Bright; 37.0; 61; 8Eps Peg ; 2.10; 3900;occ; 74; 0;44438
5; 2513.9; 30-AUG-2010 13:17:55; Bright; 44.5; 164; 44Eta Peg ; 2.95; 5400;occ; 89; 0;44438
6; 2977.8; 30-AUG-2010 13:25:39; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44438
7; 3288.6; 30-AUG-2010 13:30:49; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44438
8; 4210.6; 30-AUG-2010 13:46:11; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;44438
9; 4377.7; 30-AUG-2010 13:48:59; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44438
10; 4510.5; 30-AUG-2010 13:51:11; Bright; 36.5; 17; 78Bet Gem ; 1.16; 4500;occ; 73; 0;44438
11; 4678.7; 30-AUG-2010 13:54:00; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;44438
12; 4782.6; 30-AUG-2010 13:55:43; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;44438
13; 5049.1; 30-AUG-2010 14:00:10; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;44438
14; 5359.5; 30-AUG-2010 14:05:20; Dark ; 50.0; 1; 9Alp CMa ; -1.44; 11000;occ; 100; 0;44438
15; 5439.1; 30-AUG-2010 14:06:40; Dark ; 41.0; 179; 24Omi2CMa ; 3.03; 24000;occ; 82; 0;44438
16; 5593.5; 30-AUG-2010 14:09:14; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;44438
17; 5770.7; 30-AUG-2010 14:12:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44438
18; 6549.9; 30-AUG-2010 14:25:11; Dark ; 42.0; 143; Alp Hyi ; 2.86; 7200;occ; 84; 0;44439
19; 6625.3; 30-AUG-2010 14:26:26; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44439
20; 6983.6; 30-AUG-2010 14:32:24; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44439
21; 7358.4; 30-AUG-2010 14:38:39; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;44439

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3; 1896.2; 30-AUG-2010 14:48:13; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;44439
4; 2076.5; 30-AUG-2010 14:51:13; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44439

5; 2513.6; 30-AUG-2010 14:58:30; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;44439
6; 2977.7; 30-AUG-2010 15:06:14; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;44439
7; 3158.5; 30-AUG-2010 15:09:15; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44439
8; 3288.1; 30-AUG-2010 15:11:25; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44439
9; 4210.8; 30-AUG-2010 15:26:47; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;44439
10; 4377.4; 30-AUG-2010 15:29:34; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;44439
11; 4510.7; 30-AUG-2010 15:31:47; Bright; 38.0; 17; 78Bet Gem ; 1.16; 4500;occ; 76; 0;44439
12; 4679.1; 30-AUG-2010 15:34:36; Dark ; 55.5; 151; 13Mu Gem ; 2.89; 3000;occ; 111; 0;44439
13; 4783.2; 30-AUG-2010 15:36:20; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44439
14; 5049.9; 30-AUG-2010 15:40:47; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;44439
15; 5360.2; 30-AUG-2010 15:45:57; Dark ; 50.5; 1; 9Alp CMA ; -1.44; 11000;occ; 101; 0;44439
16; 5439.7; 30-AUG-2010 15:47:16; Dark ; 41.0; 179; 240mi2CMA ; 3.03; 24000;occ; 82; 0;44439
17; 5594.8; 30-AUG-2010 15:49:52; Dark ; 52.0; 101; 11Alp Lep ; 2.58; 7000;occ; 104; 0;44439
18; 5771.9; 30-AUG-2010 15:52:49; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44439
19; 6550.9; 30-AUG-2010 16:05:48; Dark ; 42.5; 143; Alp Hyi ; 2.86; 7200;occ; 85; 0;44440
20; 6626.0; 30-AUG-2010 16:07:03; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44440
21; 6984.1; 30-AUG-2010 16:13:01; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44440

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3; 1805.4; 30-AUG-2010 16:27:18; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;44440
4; 1896.3; 30-AUG-2010 16:28:49; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;44440
5; 2076.3; 30-AUG-2010 16:31:49; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44440
6; 2512.9; 30-AUG-2010 16:39:06; Bright; 45.0; 164; 44Eta Peg ; 2.95; 5400;occ; 90; 0;44440
7; 2977.9; 30-AUG-2010 16:46:51; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44440
8; 3158.1; 30-AUG-2010 16:49:51; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44440
9; 3287.5; 30-AUG-2010 16:52:00; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44440
10; 4210.5; 30-AUG-2010 17:07:23; Bright; 46.0; 42; 34Bet Aur ; 1.90; 10200;occ; 92; 0;44440
11; 4377.7; 30-AUG-2010 17:10:10; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;44440
12; 4511.0; 30-AUG-2010 17:12:24; Bright; 38.0; 17; 78Bet Gem ; 1.16; 4500;occ; 76; 0;44440
13; 4679.7; 30-AUG-2010 17:15:12; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;44440
14; 4783.7; 30-AUG-2010 17:16:56; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;44440
15; 5050.2; 30-AUG-2010 17:21:23; Dark ; 51.0; 14; 58Alp Ori ; 0.87; 3000;occ; 102; 0;44440
16; 5360.4; 30-AUG-2010 17:26:33; Dark ; 48.0; 1; 9Alp CMA ; -1.44; 11000;occ; 96; 0;44440
17; 5440.1; 30-AUG-2010 17:27:53; Dark ; 41.0; 179; 240mi2CMA ; 3.03; 24000;occ; 82; 0;44440
18; 5595.9; 30-AUG-2010 17:30:29; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;44440
19; 5773.0; 30-AUG-2010 17:33:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44440
20; 6550.9; 30-AUG-2010 17:46:24; Dark ; 42.0; 143; Alp Hyi ; 2.86; 7200;occ; 84; 0;44441
21; 6626.9; 30-AUG-2010 17:47:40; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44441
22; 6985.0; 30-AUG-2010 17:53:38; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44441

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3; 517.4; 31-AUG-2010 00:28:50; Dark ; 41.5; 143; Alp Hyi ; 2.86; 7200;occ; 83; 0;44445
4; 593.1; 31-AUG-2010 00:30:05; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44445
5; 951.1; 31-AUG-2010 00:36:03; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44445
6; 1324.1; 31-AUG-2010 00:42:16; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;44445
7; 1616.5; 31-AUG-2010 00:47:09; Dark ; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44445
8; 1805.4; 31-AUG-2010 00:50:18; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44445
9; 1895.6; 31-AUG-2010 00:51:48; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;44445
10; 2075.8; 31-AUG-2010 00:54:48; Bright; 38.0; 61; 8Eps Peg ; 2.10; 3900;occ; 76; 0;44445
11; 2510.4; 31-AUG-2010 01:02:03; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;44445
12; 2977.1; 31-AUG-2010 01:09:49; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;44445
13; 3154.3; 31-AUG-2010 01:12:47; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44445
14; 3283.9; 31-AUG-2010 01:14:56; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;44445
15; 4209.8; 31-AUG-2010 01:30:22; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44445
16; 4377.5; 31-AUG-2010 01:33:10; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;44445
17; 4511.6; 31-AUG-2010 01:35:24; Bright; 54.0; 17; 78Bet Gem ; 1.16; 4500;occ; 108; 0;44445
18; 4681.0; 31-AUG-2010 01:38:13; Dark ; 62.0; 151; 13Mu Gem ; 2.89; 3000;occ; 124; 0;44445
19; 4785.3; 31-AUG-2010 01:39:58; Dark ; 51.0; 44; 24Gam Gem ; 1.93; 11000;occ; 102; 0;44445
20; 5054.2; 31-AUG-2010 01:44:27; Dark ; 32.5; 14; 58Alp Ori ; 0.87; 3000;occ; 65; 0;44445

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2; -434.5; 31-AUG-2010 01:53:34; Dark ; 55.5; 101; 11Alp Lep ; 2.58; 7000;occ; 111; 0;44445
3; -257.4; 31-AUG-2010 01:56:31; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44445
4; 518.0; 31-AUG-2010 02:09:26; Dark ; 40.5; 143; Alp Hyi ; 2.86; 7200;occ; 81; 0;44446
5; 593.7; 31-AUG-2010 02:10:42; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44446
6; 951.8; 31-AUG-2010 02:16:40; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44446

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8; 1616.9; 31-AUG-2010 02:27:45; Dark ; 54.0; 142; 49Del Cap ; 2.85; 8900;occ; 108; 0;44446
9; 1895.8; 31-AUG-2010 02:32:24; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;44446
10; 2075.7; 31-AUG-2010 02:35:24; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44446
11; 2509.6; 31-AUG-2010 02:42:38; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;44446
12; 2976.9; 31-AUG-2010 02:50:25; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;44446
13; 3153.5; 31-AUG-2010 02:53:22; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44446
14; 3283.2; 31-AUG-2010 02:55:31; Bright; 44.0; 76; 27Gam Cas ; 2.30; 30000;occ; 88; 0;44446
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2; -1658.1; 31-AUG-2010 03:13:46; Bright; 59.5; 107; 37The Aur ; 2.65; 11000;occ; 119; 0;44446
3; -1524.2; 31-AUG-2010 03:16:00; Bright; 38.0; 17; 78Bet Gem ; 1.16; 4500;occ; 76; 0;44446
4; -1354.7; 31-AUG-2010 03:18:49; Dark ; 60.5; 151; 13Mu Gem ; 2.89; 3000;occ; 121; 0;44446
5; -1250.1; 31-AUG-2010 03:20:34; Dark ; 49.0; 44; 24Gam Gem ; 1.93; 11000;occ; 98; 0;44446
6; -671.7; 31-AUG-2010 03:30:12; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;44446
7; -256.3; 31-AUG-2010 03:37:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44446
8; 518.6; 31-AUG-2010 03:50:03; Dark ; 41.0; 143; Alp Hyi ; 2.86; 7200;occ; 82; 0;44447
9; 594.4; 31-AUG-2010 03:51:18; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44447
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14;	3145.2;	01-SEP-2010	00:41:01;	Bright;		43.5;	74;	11Bet Cas	;	2.27;	6600;	occ;	87;	0;	44459
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17;	4377.9;	01-SEP-2010	01:01:33;	Bright;		57.0;	107;	37The Aur	;	2.65;	11000;	occ;	114;	0;	44459
18;	4514.1;	01-SEP-2010	01:03:49;	Bright;		39.0;	17;	78Bet Gem	;	1.16;	4500;	occ;	78;	0;	44459
19;	4685.5;	01-SEP-2010	01:06:41;	Dark	;	57.0;	151;	13Mu Gem	;	2.89;	3000;	occ;	114;	0;	44459
20;	4790.7;	01-SEP-2010	01:08:26;	Dark	;	52.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	105;	0;	44459
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