

GOMOS Daily Report 13-AUG-2009

Level 0 and Level 1 products

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

Item	Value
Time of report generation	15AUG2009 04:35:59
Data source version	GOMOS/5.00
Start time of products	13AUG2009 00:07:35
Stop time of products	13AUG2009 23:58:14
Store outputs in DB	Yes
Nb of level 1b prods	146
Nb of prods with errors	2

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

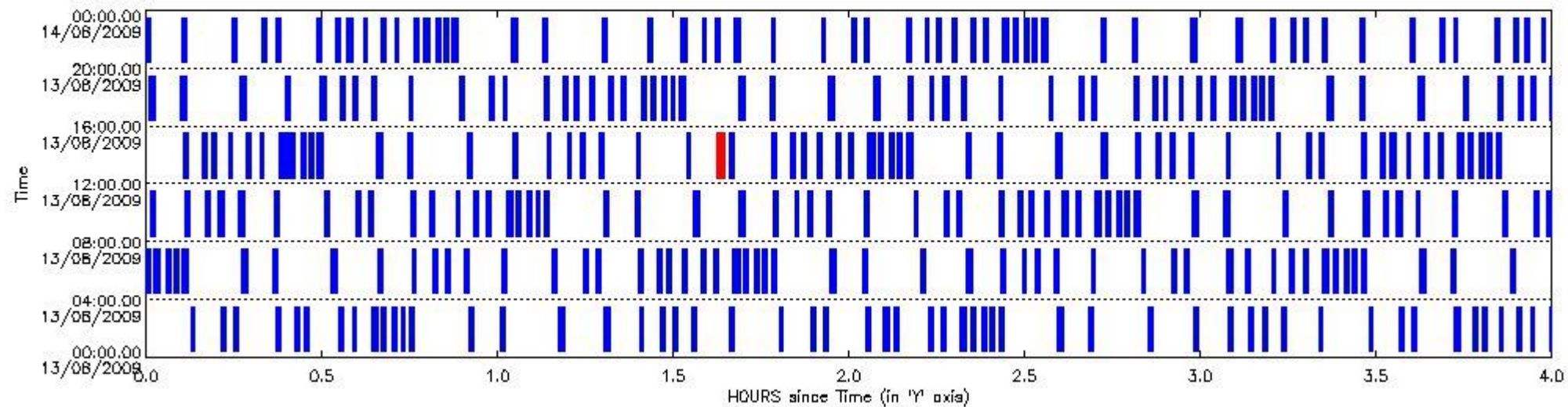
2.1 Level 0 products arrived in PCF (see template [here](#))

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
13-AUG-2009 13:37:27	11BetCas	74	38970

2.4 Summary of processed GOM_TRA_1P products

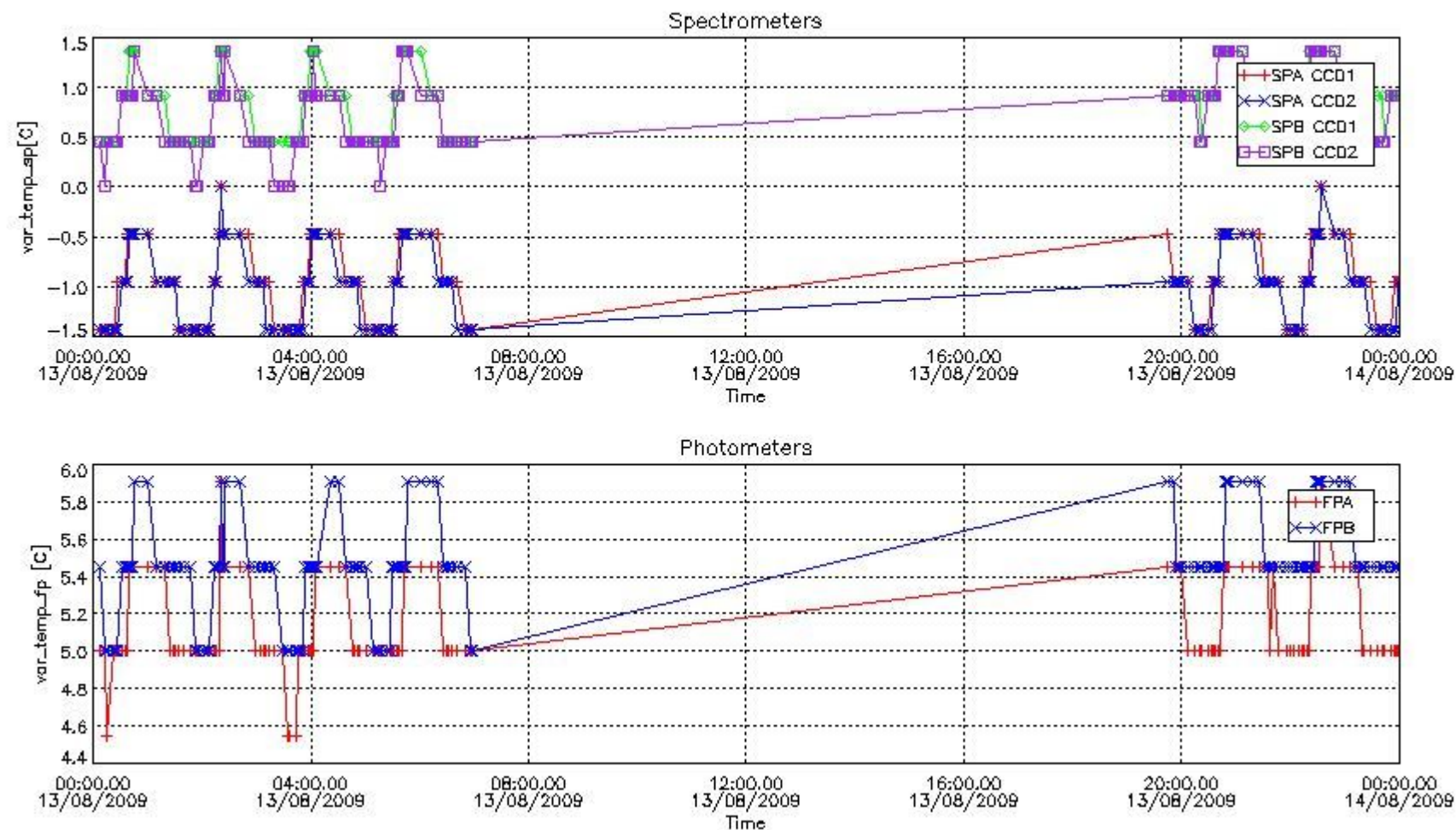
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20090813_000735_000000382081_00331_38962_8464.N1	13-AUG-2009 00:07:35	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38962	No
2	GOM_TRA_1PNPDE20090813_001247_000000472081_00331_38962_8465.N1	13-AUG-2009 00:12:47	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	38962	No
3	GOM_TRA_1PNPDE20090813_001459_000000482081_00331_38962_8466.N1	13-AUG-2009 00:14:59	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38962	No
4	GOM_TRA_1PNPDE20090813_002208_000000522081_00331_38962_8467.N1	13-AUG-2009 00:22:08	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38962	No
5	GOM_TRA_1PNPDE20090813_002518_000000482081_00331_38962_8468.N1	13-AUG-2009 00:25:18	Bright	48.000	175	39Del Per	3.0100	19400.	96	38962	No
6	GOM_TRA_1PNPDE20090813_002702_000000492081_00331_38962_8469.N1	13-AUG-2009 00:27:02	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	38962	No
7	GOM_TRA_1PNPDE20090813_003250_000000502081_00331_38962_8470.N1	13-AUG-2009 00:32:50	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	38962	No
8	GOM_TRA_1PNPDE20090813_003507_000000472081_00331_38962_8471.N1	13-AUG-2009 00:35:07	Twilight	47.000	176	23Zet Tau	3.0200	22000.	94	38962	No
9	GOM_TRA_1PNPDE20090813_003820_000000792081_00331_38962_8472.N1	13-AUG-2009 00:38:20	Dark	79.000	13	87Alp Tau	0.86700	3800.0	158	38962	No
10	GOM_TRA_1PNPDE20090813_004008_000000502081_00331_38962_8473.N1	13-AUG-2009 00:40:08	Dark	50.000	27	24Gam Ori	1.6360	26000.	100	38962	No

11	GOM_TRA_1PNPDE20090813_004204_000000462081_00331_38962_8474.N1	13-AUG-2009 00:42:04	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	38962	No
12	GOM_TRA_1PNPDE20090813_004328_000000462081_00331_38962_8475.N1	13-AUG-2009 00:43:28	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	38962	No
13	GOM_TRA_1PNPDE20090813_004455_000000532081_00331_38962_8476.N1	13-AUG-2009 00:44:55	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	38962	No
14	GOM_TRA_1PNPDE20090813_010020_000000512081_00332_38963_8610.N1	13-AUG-2009 01:00:20	Dark	50.500	157	The1Eri	2.9060	9300.0	101	38963	No
15	GOM_TRA_1PNPDE20090813_011024_000000582081_00332_38963_8611.N1	13-AUG-2009 01:10:24	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38963	No
16	GOM_TRA_1PNPDE20090813_011814_000000572081_00332_38963_8612.N1	13-AUG-2009 01:18:14	Tw_i_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	38963	No
17	GOM_TRA_1PNPDE20090813_012409_000000452081_00332_38963_8613.N1	13-AUG-2009 01:24:09	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38963	No
18	GOM_TRA_1PNPDE20090813_012743_000000582081_00332_38963_8614.N1	13-AUG-2009 01:27:43	Bright	57.500	154	22Bet Aqr	2.8990	5700.0	115	38963	No
19	GOM_TRA_1PNPDE20090813_012956_000000502081_00332_38963_8615.N1	13-AUG-2009 01:29:56	Bright	49.500	162	34Alp Aqr	2.9440	5350.0	99	38963	No
20	GOM_TRA_1PNPDE20090813_013311_000000462081_00332_38963_8616.N1	13-AUG-2009 01:33:11	Bright	46.000	61	8Eps Peg	2.1000	3900.0	92	38963	No
21	GOM_TRA_1PNPDE20090813_013934_000000402081_00332_38963_8617.N1	13-AUG-2009 01:39:34	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38963	No
22	GOM_TRA_1PNPDE20090813_014810_000000362081_00332_38963_8618.N1	13-AUG-2009 01:48:10	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	38963	No
23	GOM_TRA_1PNPDE20090813_015322_000000502081_00332_38963_8619.N1	13-AUG-2009 01:53:22	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38963	No
24	GOM_TRA_1PNPDE20090813_015534_000000492081_00332_38963_8620.N1	13-AUG-2009 01:55:34	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38963	No
25	GOM_TRA_1PNPDE20090813_020243_000000612081_00332_38963_8621.N1	13-AUG-2009 02:02:43	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	38963	No
26	GOM_TRA_1PNPDE20090813_020554_000000662081_00332_38963_8622.N1	13-AUG-2009 02:05:54	Bright	66.000	175	39Del Per	3.0100	19400.	132	38963	No
27	GOM_TRA_1PNPDE20090813_020738_000000512081_00332_38963_8623.N1	13-AUG-2009 02:07:38	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	38963	No
28	GOM_TRA_1PNPDE20090813_021326_000000492081_00332_38963_8624.N1	13-AUG-2009 02:13:26	Tw_i_and_stray	48.500	28	12Bet Tau	1.6500	15200.	97	38963	No
29	GOM_TRA_1PNPDE20090813_021544_000000452081_00332_38963_8625.N1	13-AUG-2009 02:15:44	Tw_i_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	38963	No
30	GOM_TRA_1PNPDE20090813_021857_000000662081_00332_38963_8626.N1	13-AUG-2009 02:18:57	Dark	65.500	13	87Alp Tau	0.86700	3800.0	131	38963	No
31	GOM_TRA_1PNPDE20090813_022044_000000472081_00332_38963_8756.N1	13-AUG-2009 02:20:44	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38963	Yes
32	GOM_TRA_1PNPDE20090813_022240_000000472081_00332_38963_8757.N1	13-AUG-2009 02:22:40	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	38963	No
33	GOM_TRA_1PNPDE20090813_022404_000000452081_00332_38963_8758.N1	13-AUG-2009 02:24:04	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	38963	No
34	GOM_TRA_1PNPDE20090813_022532_000000612081_00332_38963_8759.N1	13-AUG-2009 02:25:32	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	38963	No
35	GOM_TRA_1PNPDE20090813_024057_000000502081_00333_38964_8760.N1	13-AUG-2009 02:40:57	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38964	No
36	GOM_TRA_1PNPDE20090813_025101_000000542081_00333_38964_8761.N1	13-AUG-2009 02:51:01	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38964	No
37	GOM_TRA_1PNPDE20090813_025850_000000552081_00333_38964_8762.N1	13-AUG-2009 02:58:50	Tw_i_and_stray	55.000	18	24Alp PsA	1.1660	9700.0	110	38964	No
38	GOM_TRA_1PNPDE20090813_030445_000000452081_00333_38964_8763.N1	13-AUG-2009 03:04:45	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38964	No
39	GOM_TRA_1PNPDE20090813_030819_000000422081_00333_38964_8764.N1	13-AUG-2009 03:08:19	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	38964	No
40	GOM_TRA_1PNPDE20090813_031032_000000532081_00333_38964_8765.N1	13-AUG-2009 03:10:32	Bright	52.500	162	34Alp Aqr	2.9440	5350.0	105	38964	No
41	GOM_TRA_1PNPDE20090813_031347_000000462081_00333_38964_8766.N1	13-AUG-2009 03:13:47	Bright	46.000	61	8Eps Peg	2.1000	3900.0	92	38964	No
42	GOM_TRA_1PNPDE20090813_032010_000000382081_00333_38964_8767.N1	13-AUG-2009 03:20:10	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38964	No
43	GOM_TRA_1PNPDE20090813_032846_000000352081_00333_38964_8768.N1	13-AUG-2009 03:28:46	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	38964	No
44	GOM_TRA_1PNPDE20090813_033357_000000462081_00333_38964_8769.N1	13-AUG-2009 03:33:57	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	38964	No
45	GOM_TRA_1PNPDE20090813_033609_000000492081_00333_38964_8770.N1	13-AUG-2009 03:36:09	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38964	No
46	GOM_TRA_1PNPDE20090813_034319_000000582081_00333_38964_8903.N1	13-AUG-2009 03:43:19	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	38964	No
47	GOM_TRA_1PNPDE20090813_034630_000000482081_00333_38964_8904.N1	13-AUG-2009 03:46:30	Bright	47.500	175	39Del Per	3.0100	19400.	95	38964	No
48	GOM_TRA_1PNPDE20090813_034814_000000452081_00333_38964_8905.N1	13-AUG-2009 03:48:14	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38964	No
49	GOM_TRA_1PNPDE20090813_035101_000000382081_00333_38964_8906.N1	13-AUG-2009 03:51:01	Bright	37.500	107	37The Aur	2.6490	11000.	75	38964	No
50	GOM_TRA_1PNPDE20090813_035402_000000492081_00333_38964_8907.N1	13-AUG-2009 03:54:02	Tw_i_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	38964	No
51	GOM_TRA_1PNPDE20090813_035620_000000462081_00333_38964_8908.N1	13-AUG-2009 03:56:20	Tw_i_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	38964	No
52	GOM_TRA_1PNPDE20090813_035933_000000712081_00333_38964_8909.N1	13-AUG-2009 03:59:33	Dark	70.500	13	87Alp Tau	0.86700	3800.0	141	38964	No
53	GOM_TRA_1PNPDE20090813_040121_000000502081_00333_38964_8910.N1	13-AUG-2009 04:01:21	Dark	49.500	27	24Gam Ori	1.6360	26000.	99	38964	No
54	GOM_TRA_1PNPDE20090813_040317_000000482081_00333_38964_8911.N1	13-AUG-2009 04:03:17	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	38964	No
55	GOM_TRA_1PNPDE20090813_040441_000000462081_00333_38964_8912.N1	13-AUG-2009 04:04:41	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	38964	No
56	GOM_TRA_1PNPDE20090813_040609_000000542081_00333_38964_8913.N1	13-AUG-2009 04:06:09	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	38964	No
57	GOM_TRA_1PNPDE20090813_042134_000000512081_00334_38965_8914.N1	13-AUG-2009 04:21:34	Dark	50.500	157	The1Eri	2.9060	9300.0	101	38965	No
58	GOM_TRA_1PNPDE20090813_043138_000000522081_00334_38965_8915.N1	13-AUG-2009 04:31:38	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	38965	No
59	GOM_TRA_1PNPDE20090813_043927_000000562081_00334_38965_8916.N1	13-AUG-2009 04:39:27	Tw_i_and_stray	56.000	18	24Alp PsA	1.1660	9700.0	112	38965	No
60	GOM_TRA_1PNPDE20090813_044521_000000432081_00334_38965_8917.N1	13-AUG-2009 04:45:21	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	38965	No
61	GOM_TRA_1PNPDE20090813_044855_000000432081_00334_38965_8918.N1	13-AUG-2009 04:48:55	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38965	No
62	GOM_TRA_1PNPDE20090813_045108_000000492081_00334_38965_8919.N1	13-AUG-2009 04:51:08	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	38965	No
63	GOM_TRA_1PNPDE20090813_045422_000000472081_00334_38965_8920.N1	13-AUG-2009 04:54:22	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	38965	No
64	GOM_TRA_1PNPDE20090813_050046_000000402081_00334_38965_8921.N1	13-AUG-2009 05:00:46	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	38965	No
65	GOM_TRA_1PNPDE20090813_050922_000000392081_00334_38965_8922.N1	13-AUG-2009 05:09:22	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38965	No
66	GOM_TRA_1PNPDE20090813_051432_000000482081_00334_38965_8923.N1	13-AUG-2009 05:14:32	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38965	No
67	GOM_TRA_1PNPDE20090813_051644_000000472081_00334_38965_8924.N1	13-AUG-2009 05:16:44	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38965	No
68	GOM_TRA_1PNPDE20090813_052354_000000522081_00334_38965_9224.N1	13-AUG-2009 05:23:54	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38965	No
69	GOM_TRA_1PNPDE20090813_052705_000000582081_00334_38965_9225.N1	13-AUG-2009 05:27:05	Bright	58.000	175	39Del Per	3.0100	19400.	116	38965	No

70	GOM_TRA_1PNPDE20090813_052850_000000492081_00334_38965_9226.N1	13-AUG-2009 05:28:50	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38965	No
71	GOM_TRA_1PNPDE20090813_053137_000000392081_00334_38965_9227.N1	13-AUG-2009 05:31:37	Bright	39.000	107	37The Aur	2.6490	11000.	78	38965	No
72	GOM_TRA_1PNPDE20090813_053439_000000482081_00334_38965_9228.N1	13-AUG-2009 05:34:39	Twilight	47.500	28	12Bet Tau	1.6500	15200.	95	38965	No
73	GOM_TRA_1PNPDE20090813_053656_000000452081_00334_38965_9229.N1	13-AUG-2009 05:36:56	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	38965	No
74	GOM_TRA_1PNPDE20090813_054010_000000802081_00334_38965_9230.N1	13-AUG-2009 05:40:10	Dark	80.000	13	87Alp Tau	0.86700	3800.0	160	38965	No
75	GOM_TRA_1PNPDE20090813_054158_000000502081_00334_38965_9231.N1	13-AUG-2009 05:41:58	Dark	49.500	27	24Gam Ori	1.6360	26000.	99	38965	No
76	GOM_TRA_1PNPDE20090813_054353_000000472081_00334_38965_9232.N1	13-AUG-2009 05:43:53	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	38965	No
77	GOM_TRA_1PNPDE20090813_054517_000000452081_00334_38965_9233.N1	13-AUG-2009 05:45:17	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	38965	No
78	GOM_TRA_1PNPDE20090813_054645_000000542081_00334_38965_9234.N1	13-AUG-2009 05:46:45	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	38965	No
79	GOM_TRA_1PNPDE20090813_060212_000000492081_00335_38966_9235.N1	13-AUG-2009 06:02:12	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38966	No
80	GOM_TRA_1PNPDE20090813_061215_000000532081_00335_38966_9236.N1	13-AUG-2009 06:12:15	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38966	No
81	GOM_TRA_1PNPDE20090813_062003_000000562081_00335_38966_9237.N1	13-AUG-2009 06:20:03	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	38966	No
82	GOM_TRA_1PNPDE20090813_062557_000000442081_00335_38966_9238.N1	13-AUG-2009 06:25:57	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	38966	No
83	GOM_TRA_1PNPDE20090813_062931_000000422081_00335_38966_9239.N1	13-AUG-2009 06:29:31	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	38966	No
84	GOM_TRA_1PNPDE20090813_063143_000000512081_00335_38966_9240.N1	13-AUG-2009 06:31:43	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	38966	No
85	GOM_TRA_1PNPDE20090813_063458_000000462081_00335_38966_9241.N1	13-AUG-2009 06:34:58	Bright	45.500	61	8Eps Peg	2.1000	3900.0	91	38966	No
86	GOM_TRA_1PNPDE20090813_064122_000000372081_00335_38966_9242.N1	13-AUG-2009 06:41:22	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	38966	No
87	GOM_TRA_1PNPDE20090813_064957_000000382081_00335_38966_9243.N1	13-AUG-2009 06:49:57	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38966	No
88	GOM_TRA_1PNPDE20090813_065507_000000492081_00335_38966_9244.N1	13-AUG-2009 06:55:07	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38966	No
89	GOM_TRA_1PNPDE20090813_065719_000000472081_00335_38966_9245.N1	13-AUG-2009 06:57:19	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38966	No
90	GOM_TRA_1PNPDE20090813_194454_000000542081_00343_38974_9599.N1	13-AUG-2009 19:44:54	Twilight	54.000	18	24Alp PsA	1.1660	9700.0	108	38974	No
91	GOM_TRA_1PNPDE20090813_195045_000000452081_00343_38974_9600.N1	13-AUG-2009 19:50:45	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38974	No
92	GOM_TRA_1PNPDE20090813_195418_000000442081_00343_38974_9601.N1	13-AUG-2009 19:54:18	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38974	No
93	GOM_TRA_1PNPDE20090813_195629_000000502081_00343_38974_9602.N1	13-AUG-2009 19:56:29	Bright	49.500	162	34Alp Aqr	2.9440	5350.0	99	38974	No
94	GOM_TRA_1PNPDE20090813_195942_000000672081_00343_38974_9603.N1	13-AUG-2009 19:59:42	Bright	67.000	61	8Eps Peg	2.1000	3900.0	134	38974	No
95	GOM_TRA_1PNPDE20090813_200607_000000372081_00343_38974_9604.N1	13-AUG-2009 20:06:07	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	38974	No
96	GOM_TRA_1PNPDE20090813_201442_000000392081_00343_38974_9605.N1	13-AUG-2009 20:14:42	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38974	No
97	GOM_TRA_1PNPDE20090813_201948_000000492081_00343_38974_9606.N1	13-AUG-2009 20:19:48	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38974	No
98	GOM_TRA_1PNPDE20090813_202201_000000492081_00343_38974_9607.N1	13-AUG-2009 20:22:01	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38974	No
99	GOM_TRA_1PNPDE20090813_202912_000000422081_00343_38974_9608.N1	13-AUG-2009 20:29:12	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	38974	No
100	GOM_TRA_1PNPDE20090813_203225_000000392081_00343_38974_9609.N1	13-AUG-2009 20:32:25	Bright	39.000	175	39Del Per	3.0100	19400.	78	38974	No
101	GOM_TRA_1PNPDE20090813_203413_000000612081_00343_38974_9610.N1	13-AUG-2009 20:34:13	Bright	61.000	6	13Alp Aur	0.080000	3400.0	122	38974	No
102	GOM_TRA_1PNPDE20090813_203702_000000392081_00343_38974_9611.N1	13-AUG-2009 20:37:02	Bright	38.500	107	37The Aur	2.6490	11000.	77	38974	No
103	GOM_TRA_1PNPDE20090813_204004_000000512081_00343_38974_9612.N1	13-AUG-2009 20:40:04	Twilight	51.000	28	12Bet Tau	1.6500	15200.	102	38974	No
104	GOM_TRA_1PNPDE20090813_204222_000000472081_00343_38974_9613.N1	13-AUG-2009 20:42:22	Twilight	46.500	176	23Zet Tau	3.0200	22000.	93	38974	No
105	GOM_TRA_1PNPDE20090813_204539_000000552081_00343_38974_9614.N1	13-AUG-2009 20:45:39	Dark	55.000	13	87Alp Tau	0.86700	3800.0	110	38974	No
106	GOM_TRA_1PNPDE20090813_204726_000000502081_00343_38974_9615.N1	13-AUG-2009 20:47:26	Dark	49.500	27	24Gam Ori	1.6360	26000.	99	38974	No
107	GOM_TRA_1PNPDE20090813_204922_000000492081_00343_38974_9748.N1	13-AUG-2009 20:49:22	Dark	49.000	30	46Eps Ori	1.6940	30000.	98	38974	No
108	GOM_TRA_1PNPDE20090813_205046_000000462081_00343_38974_9749.N1	13-AUG-2009 20:50:46	Dark	46.000	125	44Iot Ori	2.7700	30000.	92	38974	No
109	GOM_TRA_1PNPDE20090813_205215_000000582081_00343_38974_9750.N1	13-AUG-2009 20:52:15	Dark	57.500	7	19Bet Ori	0.10000	14000.	115	38974	No
110	GOM_TRA_1PNPDE20090813_210745_000000492081_00344_38975_9751.N1	13-AUG-2009 21:07:45	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38975	No
111	GOM_TRA_1PNPDE20090813_211746_000000612081_00344_38975_9752.N1	13-AUG-2009 21:17:46	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	38975	No
112	GOM_TRA_1PNPDE20090813_212531_000000542081_00344_38975_9753.N1	13-AUG-2009 21:25:31	Twilight	54.000	18	24Alp PsA	1.1660	9700.0	108	38975	No
113	GOM_TRA_1PNPDE20090813_213121_000000622081_00344_38975_9754.N1	13-AUG-2009 21:31:21	Bright	62.000	142	49Del Cap	2.8500	8900.0	124	38975	No
114	GOM_TRA_1PNPDE20090813_213454_000000432081_00344_38975_9755.N1	13-AUG-2009 21:34:54	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38975	No
115	GOM_TRA_1PNPDE20090813_213704_000000502081_00344_38975_9756.N1	13-AUG-2009 21:37:04	Bright	49.500	162	34Alp Aqr	2.9440	5350.0	99	38975	No
116	GOM_TRA_1PNPDE20090813_214018_000000672081_00344_38975_9757.N1	13-AUG-2009 21:40:18	Bright	67.000	61	8Eps Peg	2.1000	3900.0	134	38975	No
117	GOM_TRA_1PNPDE20090813_214643_000000382081_00344_38975_9758.N1	13-AUG-2009 21:46:43	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	38975	No
118	GOM_TRA_1PNPDE20090813_215518_000000392081_00344_38975_9759.N1	13-AUG-2009 21:55:18	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38975	No
119	GOM_TRA_1PNPDE20090813_220023_000000472081_00344_38975_9760.N1	13-AUG-2009 22:00:23	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	38975	No
120	GOM_TRA_1PNPDE20090813_220236_000000472081_00344_38975_9761.N1	13-AUG-2009 22:02:36	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38975	No
121	GOM_TRA_1PNPDE20090813_220948_000000422081_00344_38975_9762.N1	13-AUG-2009 22:09:48	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	38975	No
122	GOM_TRA_1PNPDE20090813_221301_000000392081_00344_38975_9763.N1	13-AUG-2009 22:13:01	Bright	39.000	175	39Del Per	3.0100	19400.	78	38975	No
123	GOM_TRA_1PNPDE20090813_221449_000000512081_00344_38975_9764.N1	13-AUG-2009 22:14:49	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	38975	No
124	GOM_TRA_1PNPDE20090813_221738_000000382081_00344_38975_9765.N1	13-AUG-2009 22:17:38	Bright	38.000	107	37The Aur	2.6490	11000.	76	38975	No
125	GOM_TRA_1PNPDE20090813_222040_000000502081_00344_38975_9766.N1	13-AUG-2009 22:20:40	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	38975	No
126	GOM_TRA_1PNPDE20090813_222258_000000452081_00344_38975_9767.N1	13-AUG-2009 22:22:58	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	38975	No
127	GOM_TRA_1PNPDE20090813_222615_000000552081_00344_38975_9768.N1	13-AUG-2009 22:26:15	Dark	55.000	13	87Alp Tau	0.86700	3800.0	110	38975	No
128	GOM_TRA_1PNPDE20090813_222802_000000512081_00344_38975_9769.N1	13-AUG-2009 22:28:02	Dark	50.500	27	24Gam Ori	1.6360	26000.	101	38975	No

129	GOM_TRA_1PNPDE20090813_222958_000000502081_00344_38975_9770.N1	13-AUG-2009 22:29:58	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	38975	No
130	GOM_TRA_1PNPDE20090813_223122_000000472081_00344_38975_9771.N1	13-AUG-2009 22:31:22	Dark	46.500	125	44Iot Ori	2.7700	30000.	93	38975	No
131	GOM_TRA_1PNPDE20090813_223252_000000562081_00344_38975_9906.N1	13-AUG-2009 22:32:52	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	38975	Yes
132	GOM_TRA_1PNPDE20090813_224823_000000512081_00345_38976_9907.N1	13-AUG-2009 22:48:23	Dark	50.500	157	The1Eri	2.9060	9300.0	101	38976	No
133	GOM_TRA_1PNPDE20090813_225823_000000612081_00345_38976_9908.N1	13-AUG-2009 22:58:23	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	38976	No
134	GOM_TRA_1PNPDE20090813_230607_000000562081_00345_38976_9909.N1	13-AUG-2009 23:06:07	Twilight_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	38976	No
135	GOM_TRA_1PNPDE20090813_231157_000000442081_00345_38976_9910.N1	13-AUG-2009 23:11:57	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	38976	No
136	GOM_TRA_1PNPDE20090813_231530_000000432081_00345_38976_9911.N1	13-AUG-2009 23:15:30	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38976	No
137	GOM_TRA_1PNPDE20090813_231740_000000492081_00345_38976_9912.N1	13-AUG-2009 23:17:40	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	38976	No
138	GOM_TRA_1PNPDE20090813_232053_000000472081_00345_38976_9913.N1	13-AUG-2009 23:20:53	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38976	No
139	GOM_TRA_1PNPDE20090813_232718_000000382081_00345_38976_9914.N1	13-AUG-2009 23:27:18	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	38976	No
140	GOM_TRA_1PNPDE20090813_233553_000000392081_00345_38976_9915.N1	13-AUG-2009 23:35:53	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38976	No
141	GOM_TRA_1PNPDE20090813_234059_000000492081_00345_38976_9916.N1	13-AUG-2009 23:40:59	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38976	No
142	GOM_TRA_1PNPDE20090813_234311_000000482081_00345_38976_9917.N1	13-AUG-2009 23:43:11	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38976	No
143	GOM_TRA_1PNPDE20090813_235023_000000392081_00345_38976_9918.N1	13-AUG-2009 23:50:23	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	38976	No
144	GOM_TRA_1PNPDE20090813_235336_000000342081_00345_38976_9919.N1	13-AUG-2009 23:53:36	Twilight_stray	34.000	175	39Del Per	3.0100	19400.	68	38976	No
145	GOM_TRA_1PNPDE20090813_235525_000000502081_00345_38976_9920.N1	13-AUG-2009 23:55:25	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	38976	No
146	GOM_TRA_1PNPDE20090813_235814_000000382081_00345_38976_9921.N1	13-AUG-2009 23:58:14	Bright	38.000	107	37The Aur	2.6490	11000.	76	38976	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"

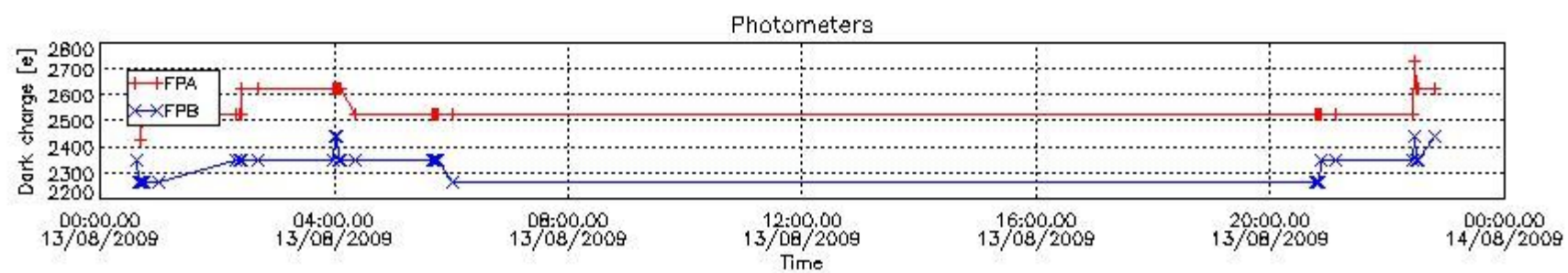
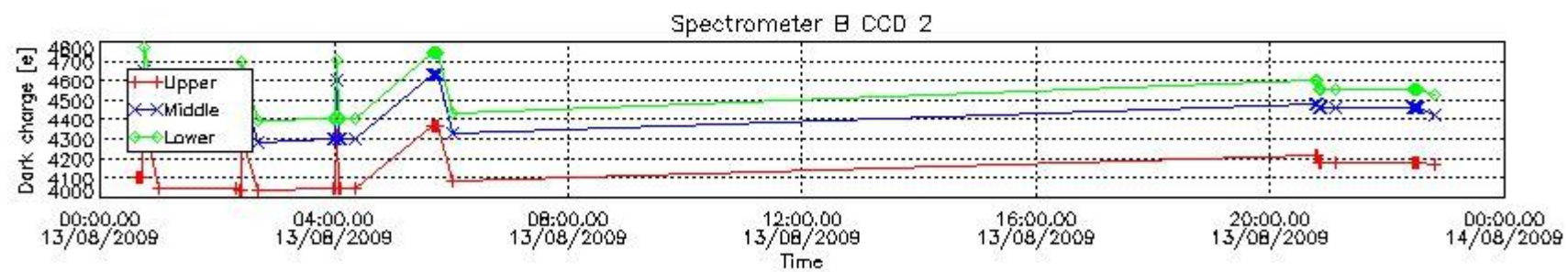
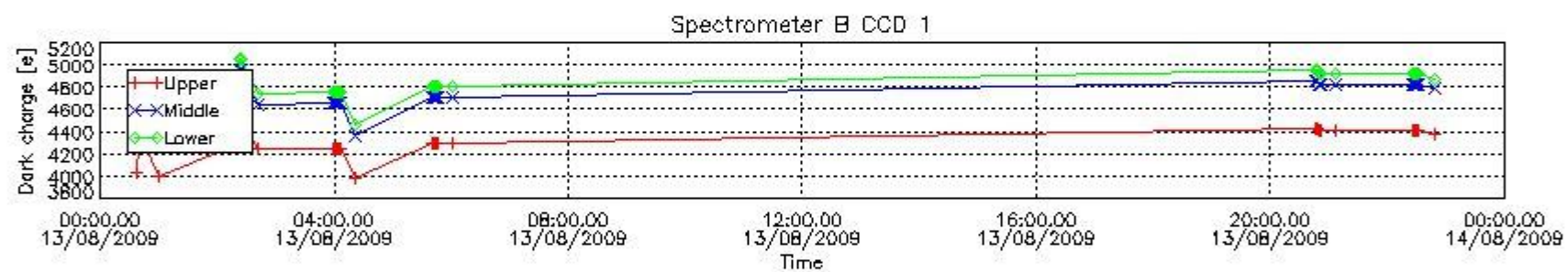
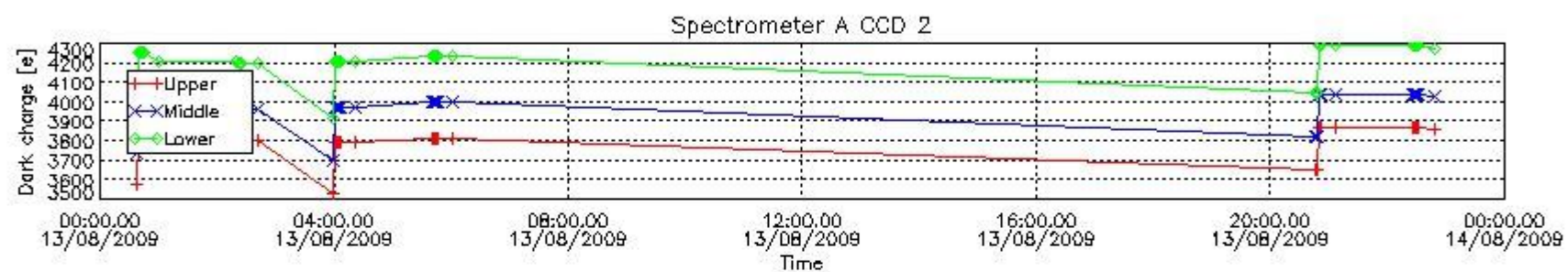
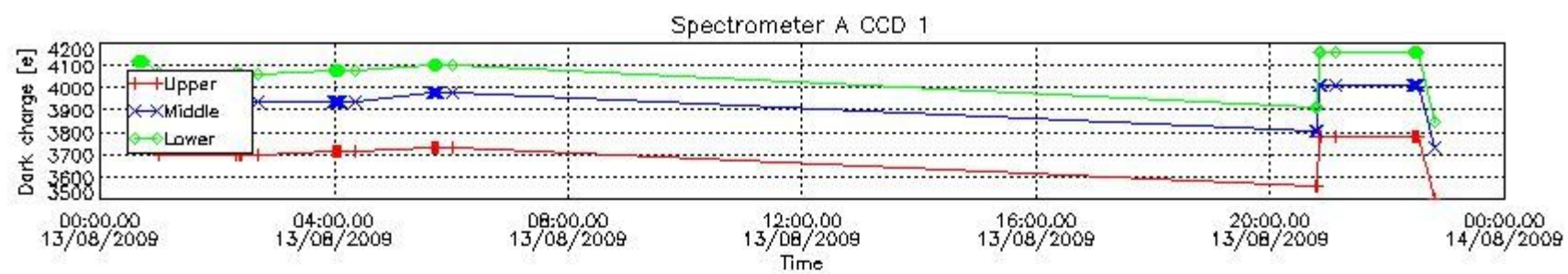
(a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

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_1PNPDE20090813_194454_000000542081_00343_38974_9599.N1	DC map used
GOM_TRA_1PNPDE20090813_195045_000000452081_00343_38974_9600.N1	DC map used
GOM_TRA_1PNPDE20090813_195418_000000442081_00343_38974_9601.N1	DC map used
GOM_TRA_1PNPDE20090813_195629_000000502081_00343_38974_9602.N1	DC map used
GOM_TRA_1PNPDE20090813_195942_000000672081_00343_38974_9603.N1	DC map used
GOM_TRA_1PNPDE20090813_200607_000000372081_00343_38974_9604.N1	DC map used
GOM_TRA_1PNPDE20090813_201442_000000392081_00343_38974_9605.N1	DC map used
GOM_TRA_1PNPDE20090813_201948_000000492081_00343_38974_9606.N1	DC map used
GOM_TRA_1PNPDE20090813_202201_000000492081_00343_38974_9607.N1	DC map used
GOM_TRA_1PNPDE20090813_202912_000000422081_00343_38974_9608.N1	DC map used
GOM_TRA_1PNPDE20090813_203225_000000392081_00343_38974_9609.N1	DC map used
GOM_TRA_1PNPDE20090813_203413_000000612081_00343_38974_9610.N1	DC map used
GOM_TRA_1PNPDE20090813_203702_000000392081_00343_38974_9611.N1	DC map used
GOM_TRA_1PNPDE20090813_204004_000000512081_00343_38974_9612.N1	DC map used
GOM_TRA_1PNPDE20090813_204222_000000472081_00343_38974_9613.N1	DC map used
GOM_TRA_1PNPDE20090813_204539_000000552081_00343_38974_9614.N1	DC map used
GOM_TRA_1PNPDE20090813_204726_000000502081_00343_38974_9615.N1	DC map used

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



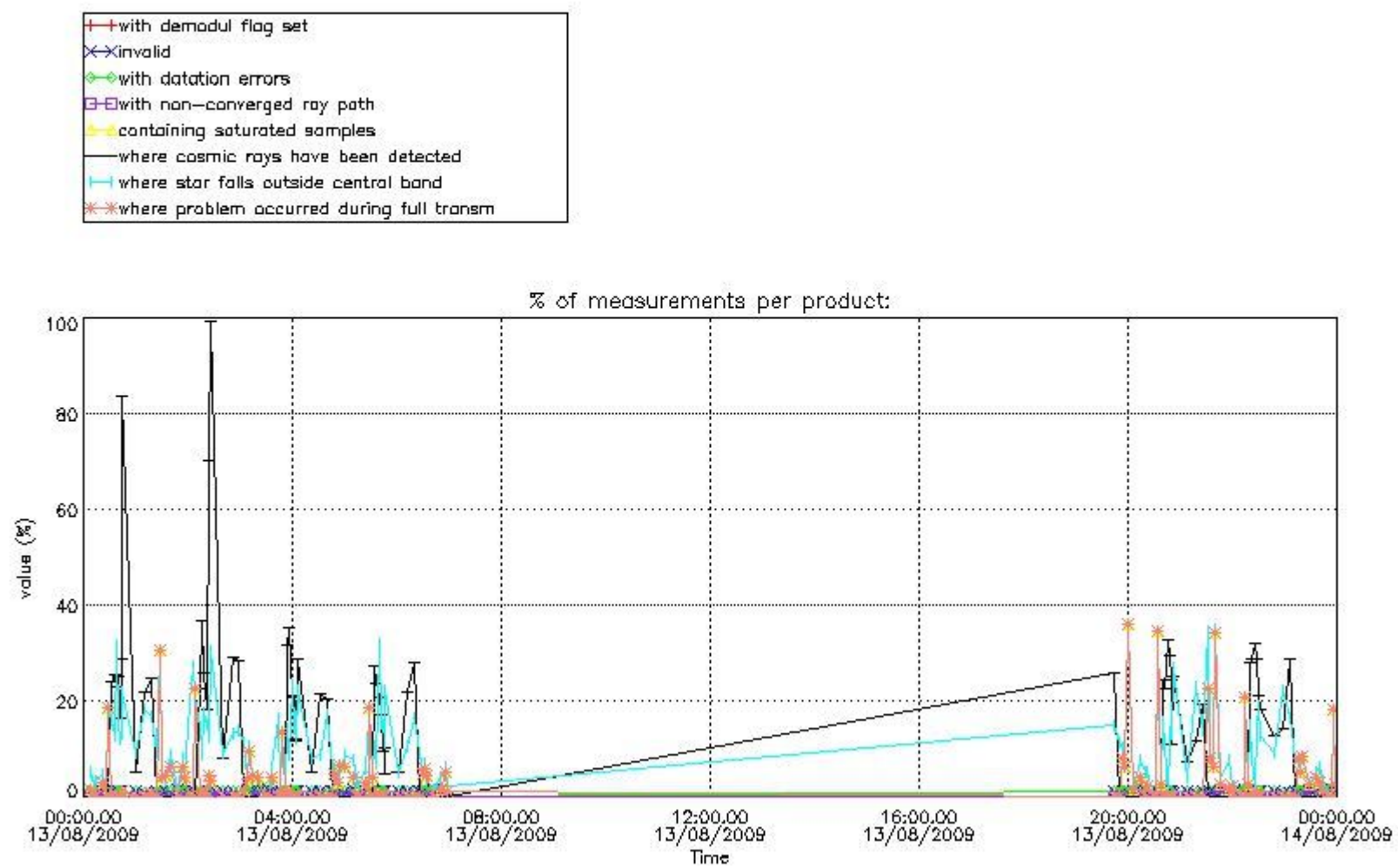
5. Demodulation flag and quality information monitoring

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.

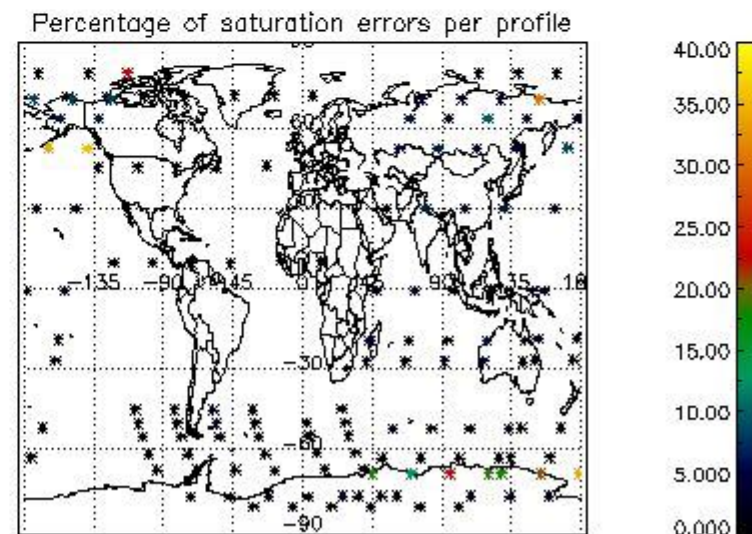
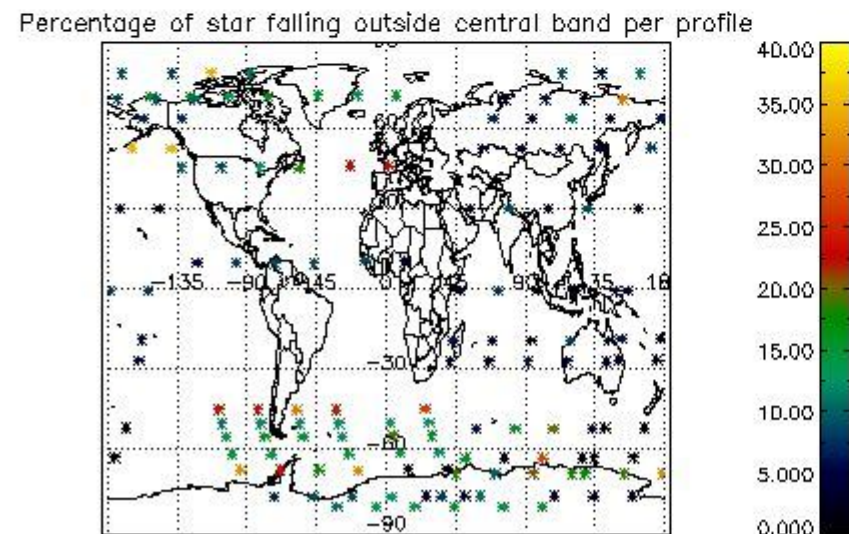
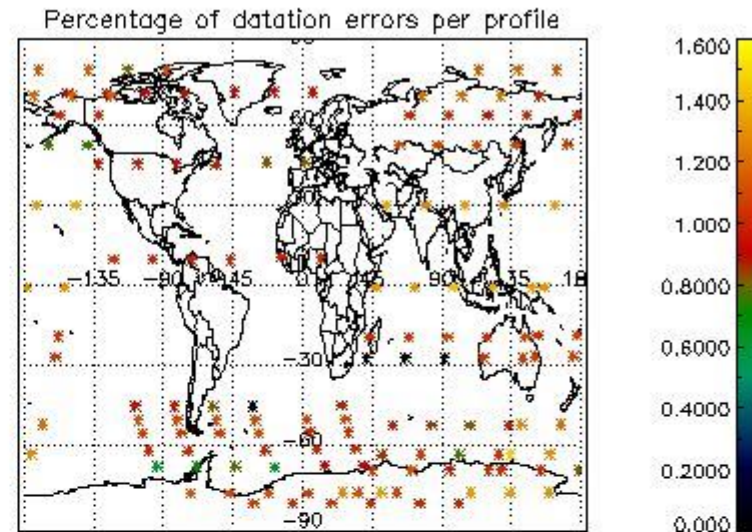
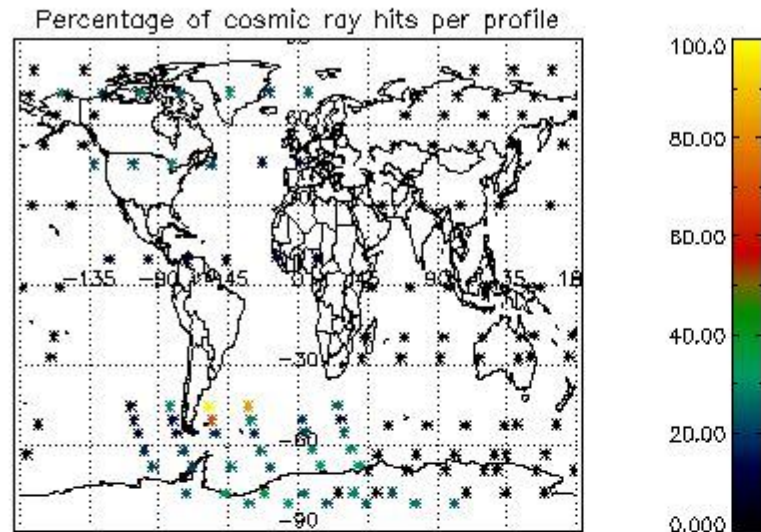
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	27.7778 %
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)



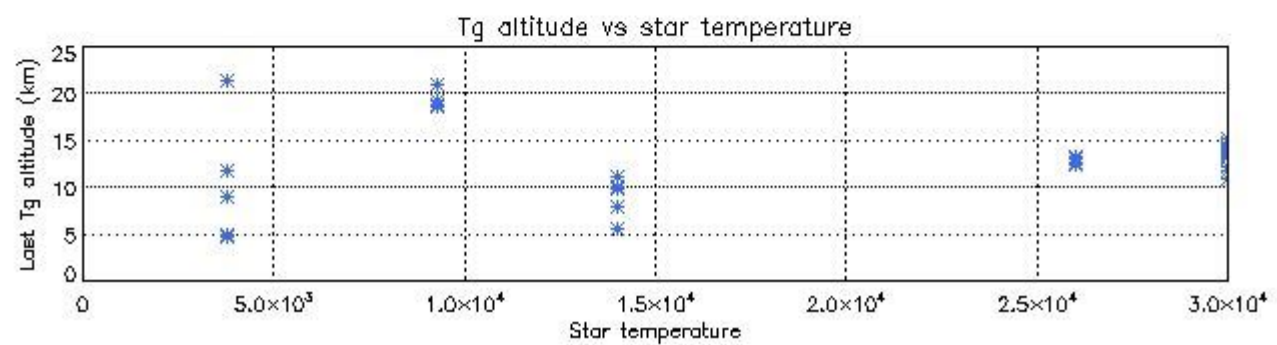
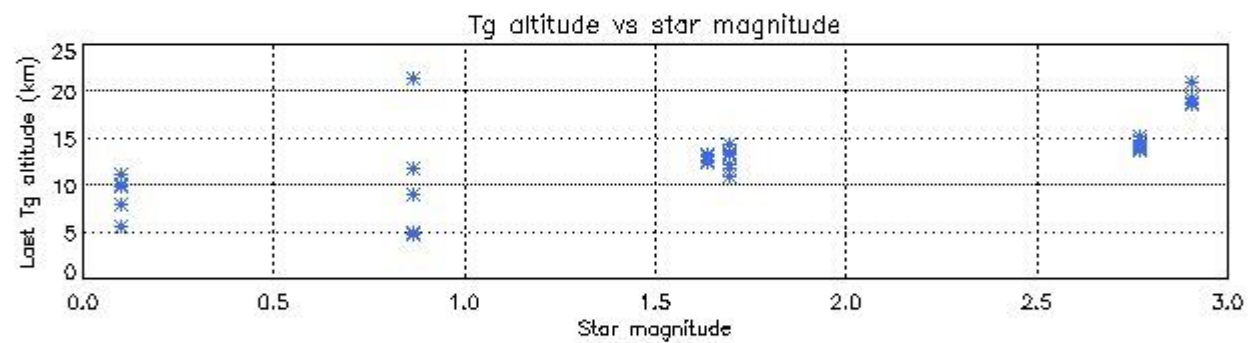
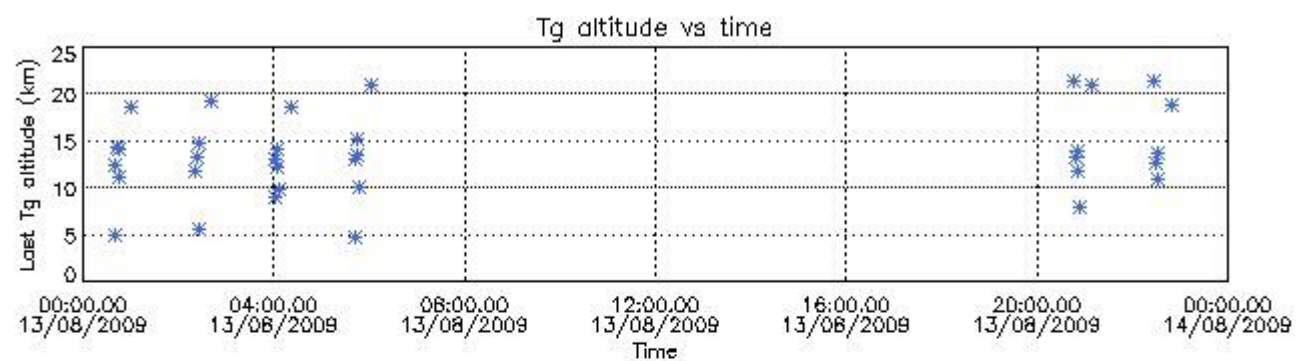
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.562	20.794	NaN
St. deviation:	4.5088	8.0048	NaN
Maximum:	21.414	47.031	NaN
Minimum:	4.6859	3.3900	NaN
Number of data:	34.000	84.000	NaN

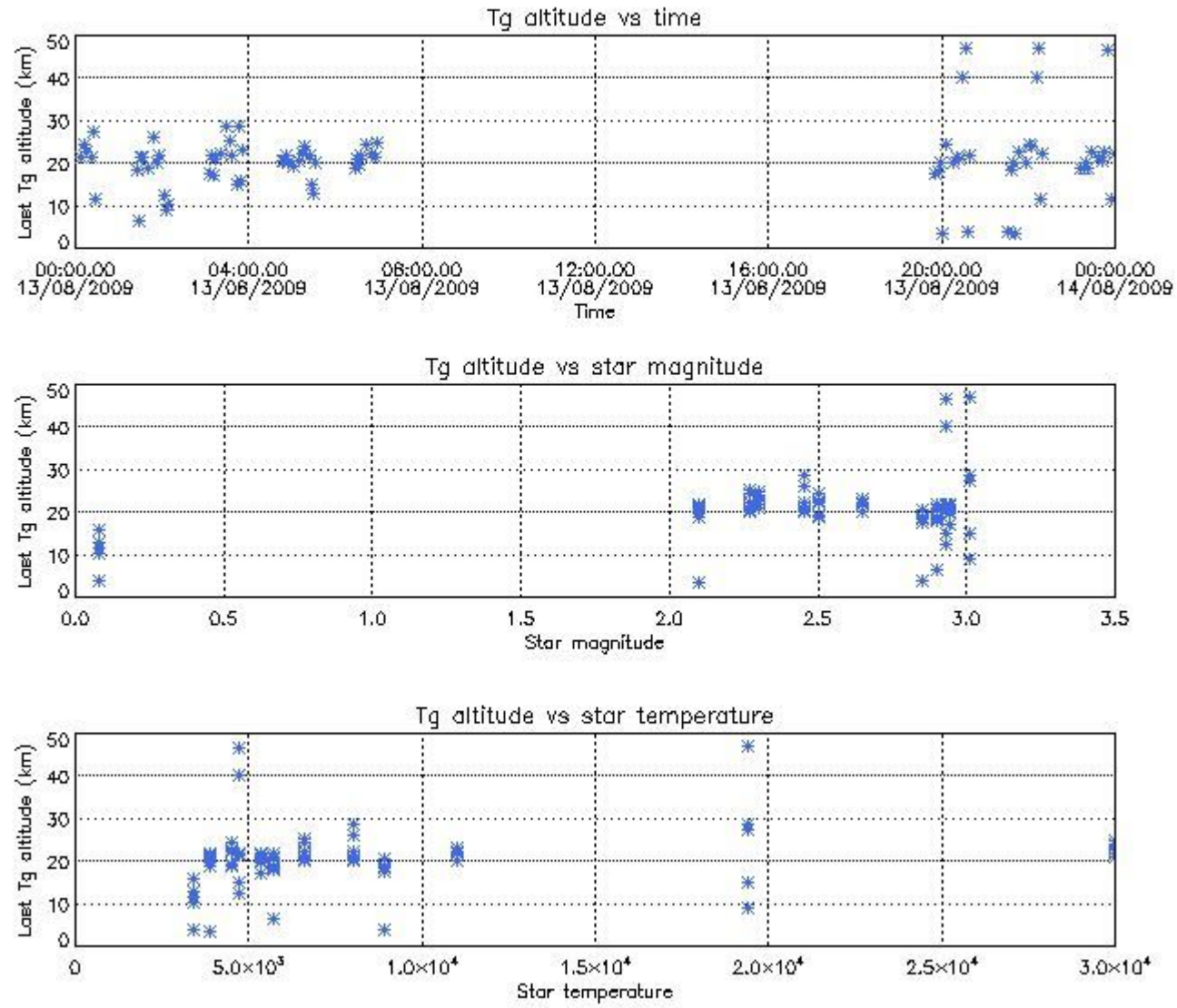
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

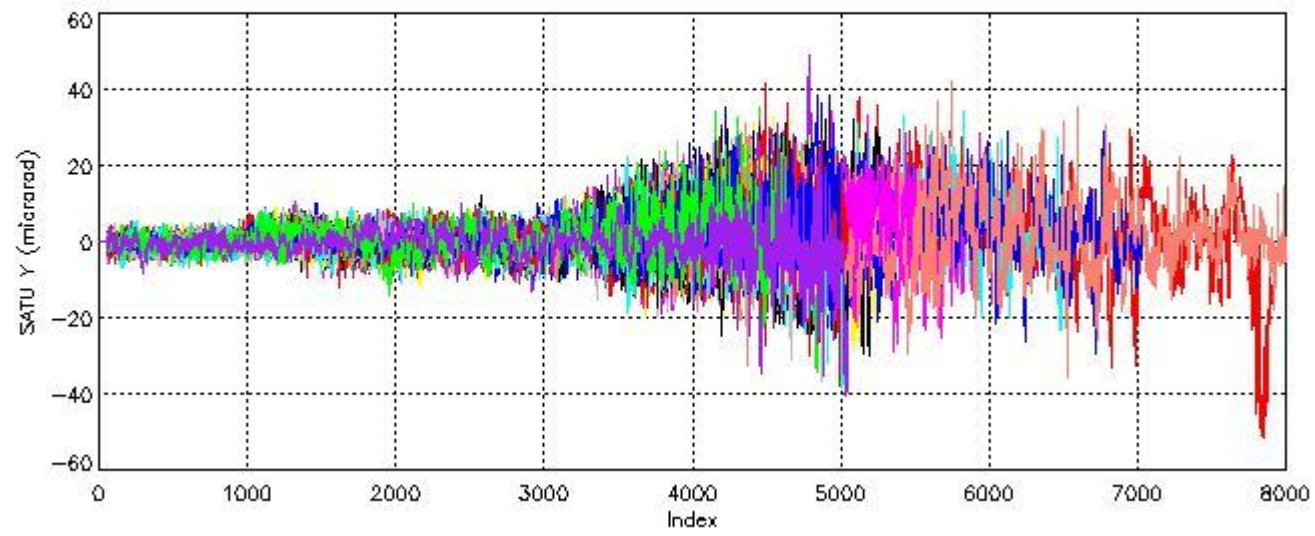
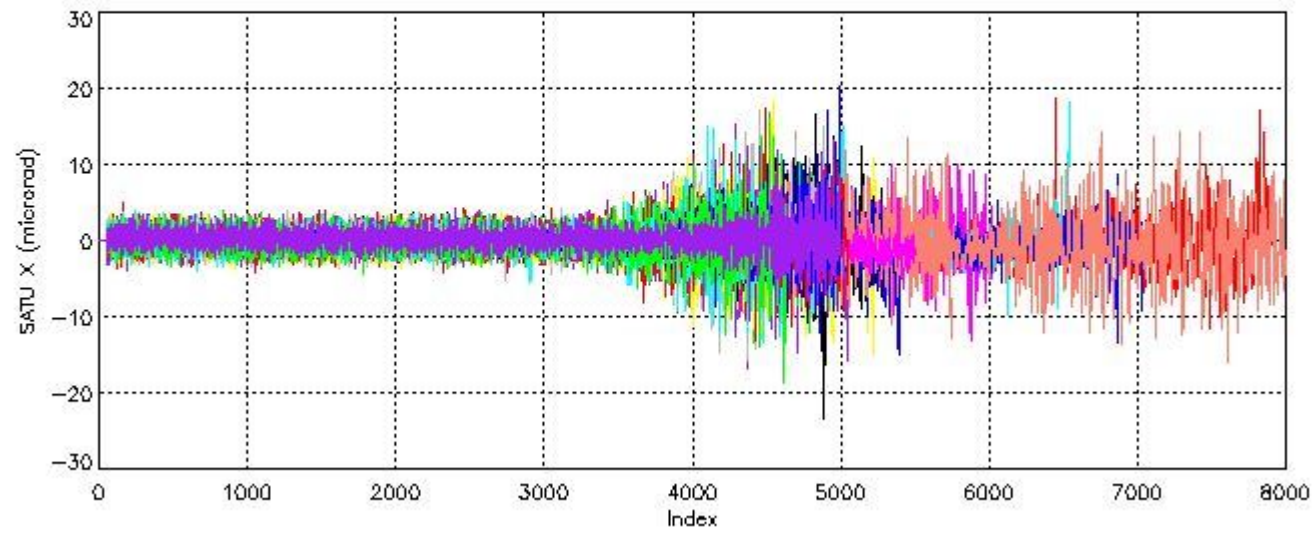


7. Star Acquisition and Tracking Unit (SATU)

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:	0.20919	-0.43733	0.27249	-0.56096
St. deviation:	0.59103	1.3278	0.80108	1.5363
Maximum:	5.1000	5.9000	5.7000	8.8000
Minimum:	-4.0000	-8.3000	-6.2000	-8.5000

Number of data:	37650.	37650.	88300.	88300.
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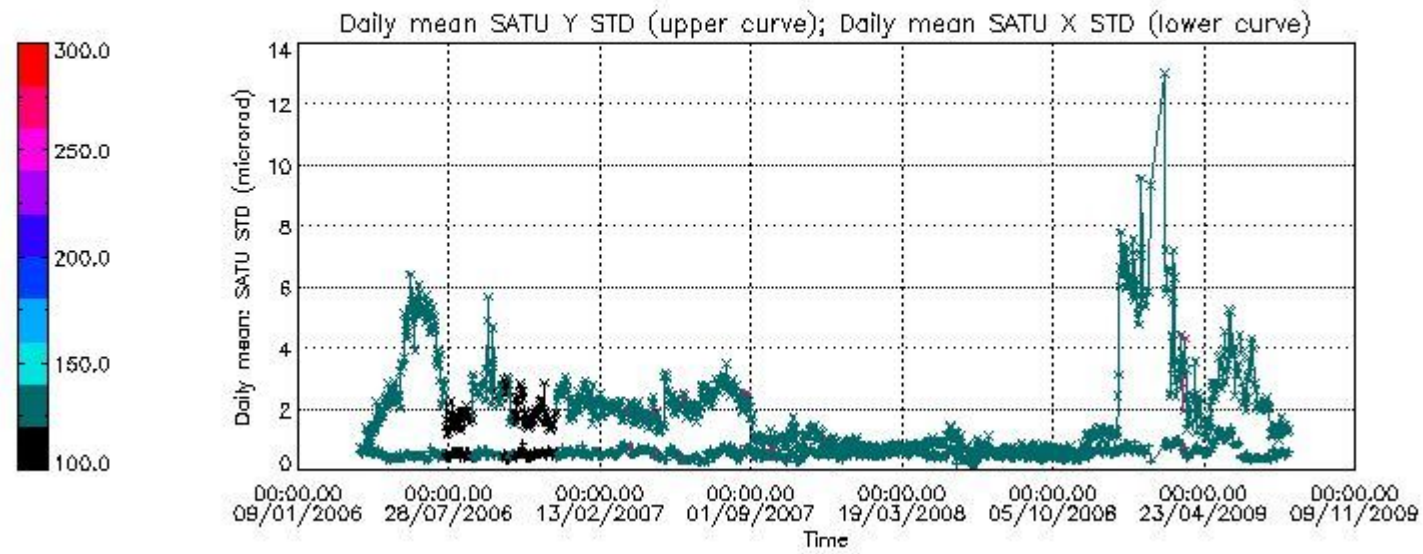
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

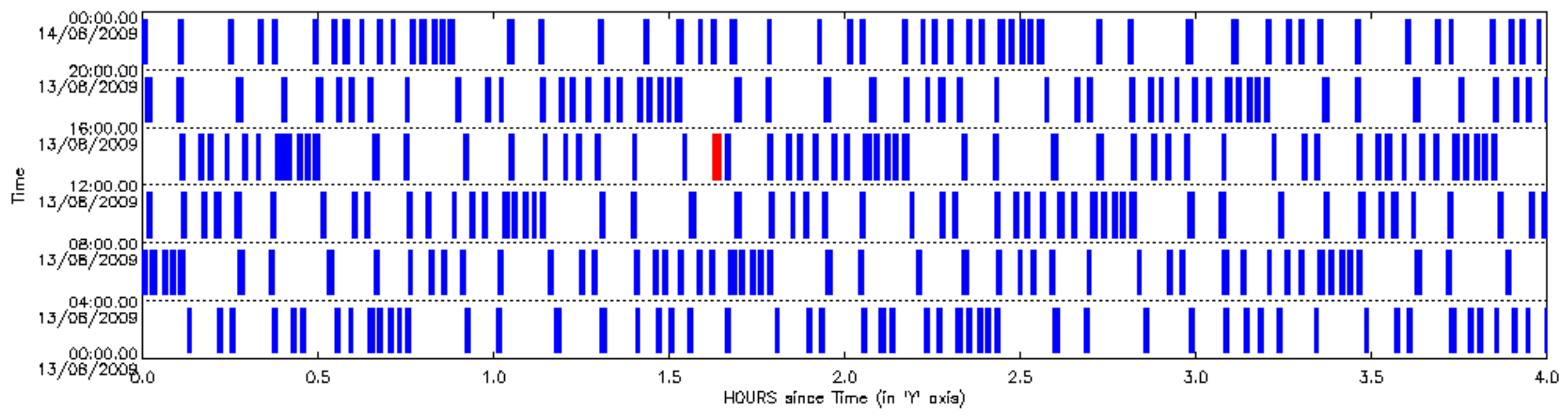
Lower curve: STD of SATU X axis

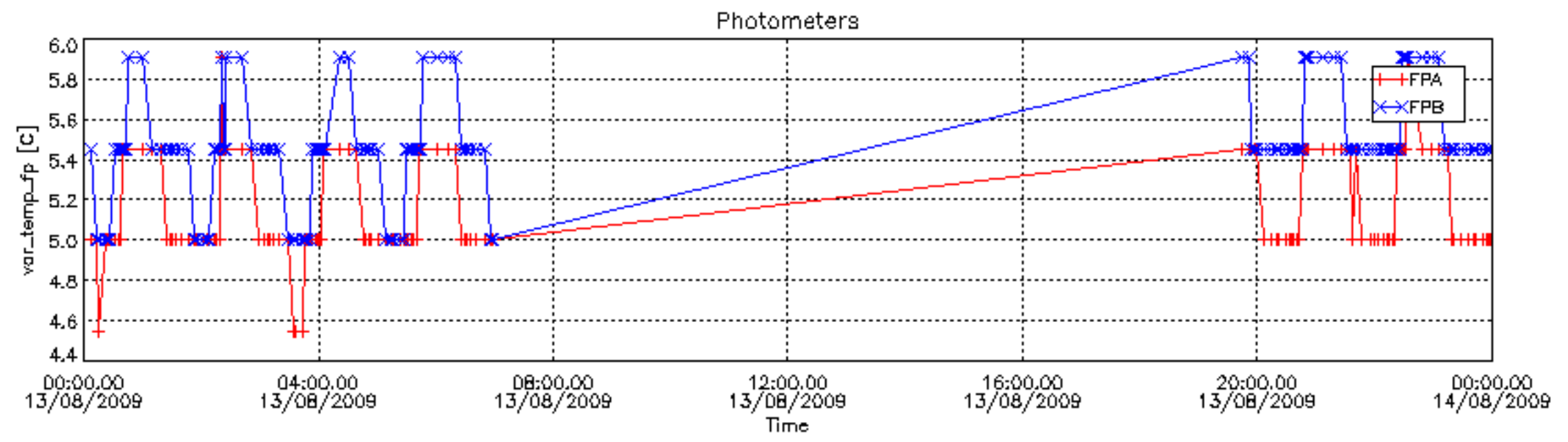
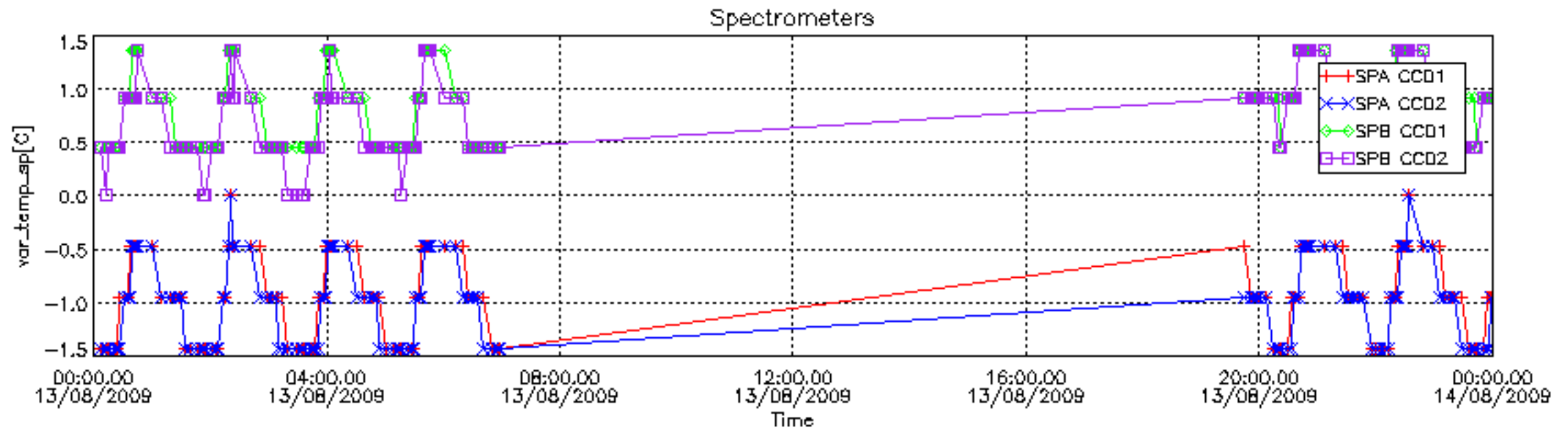


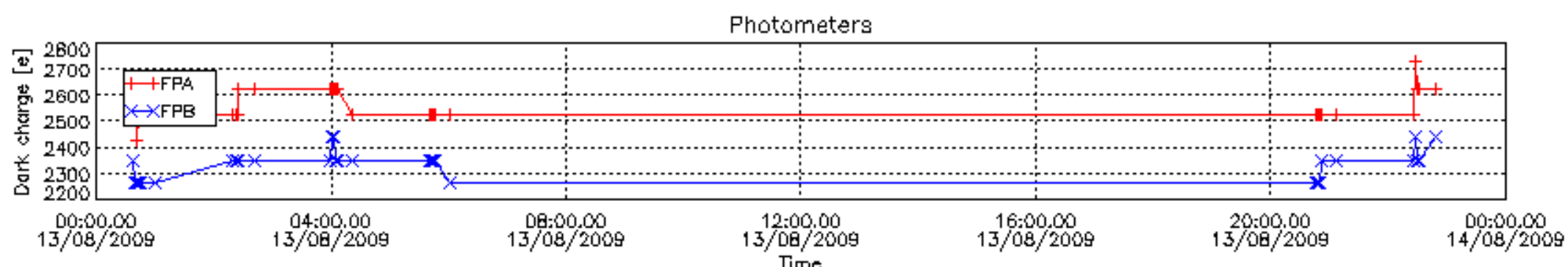
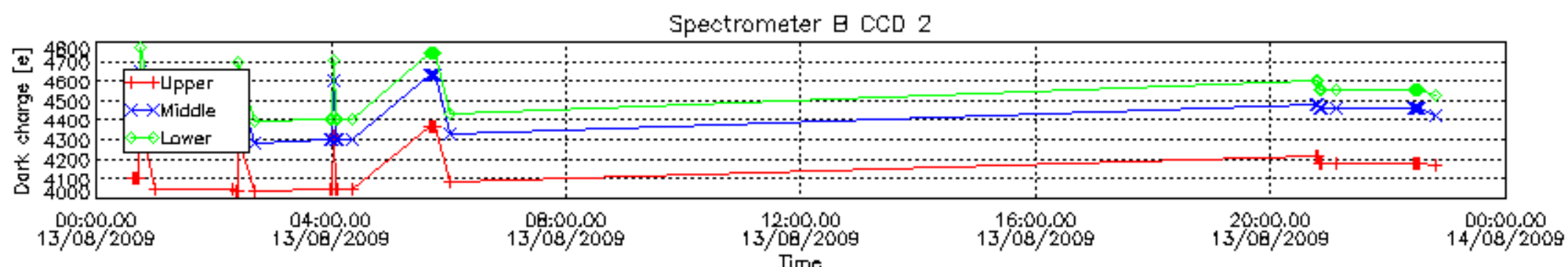
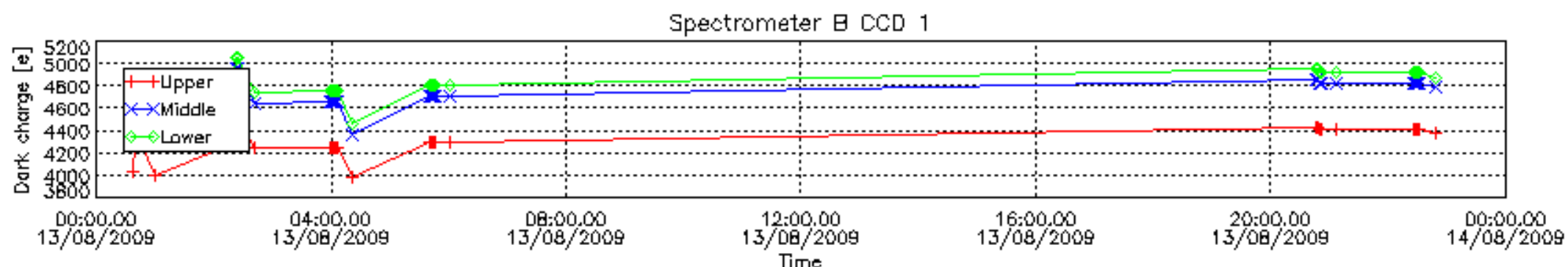
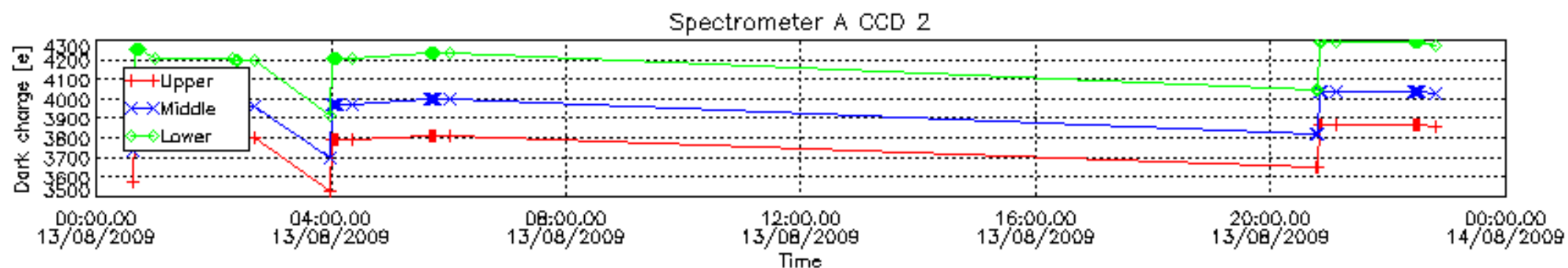
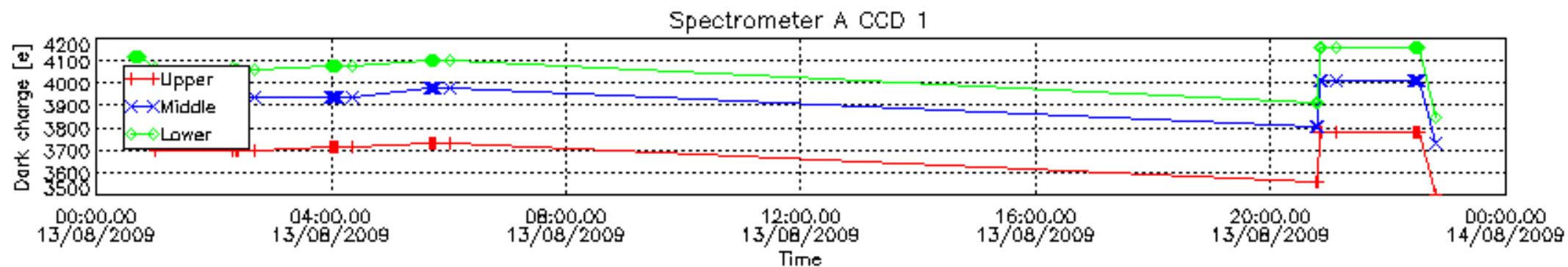
8. Auxiliary Data Files used for the production reported in section 2.4

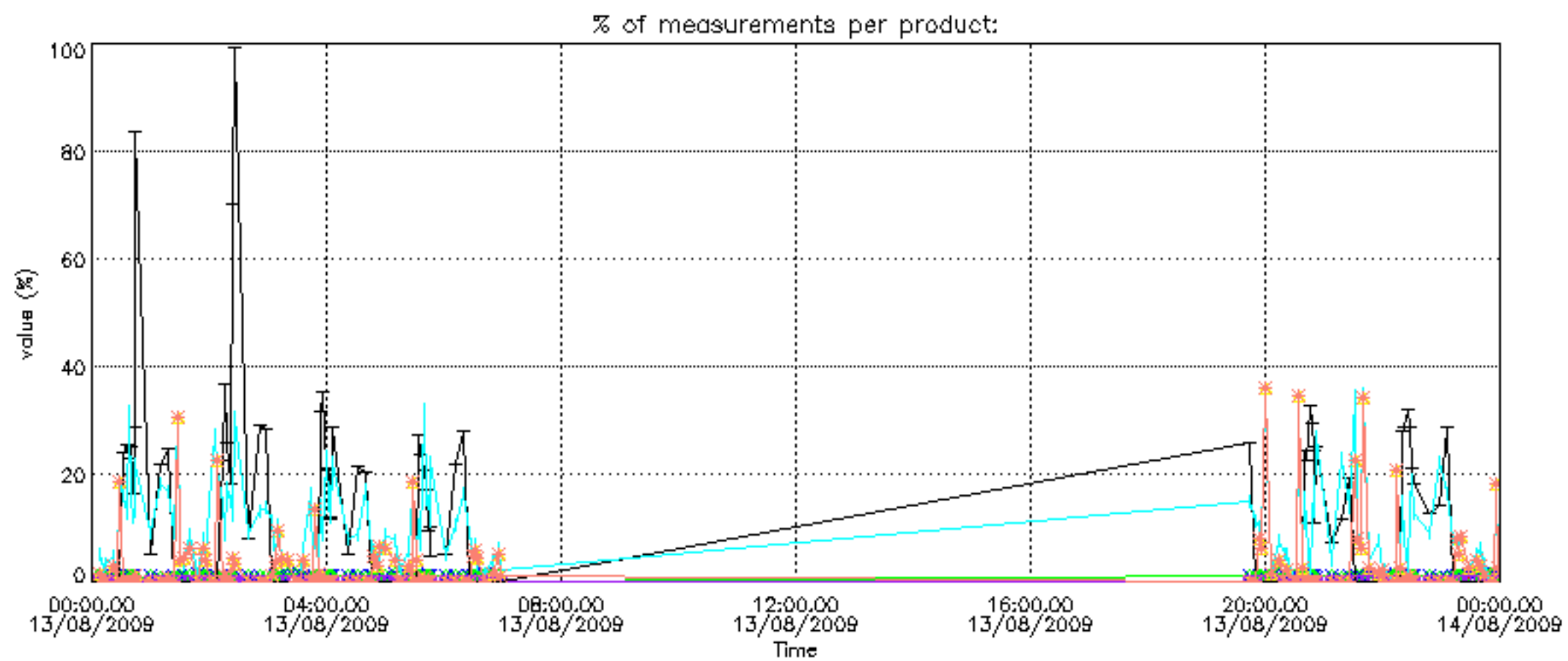
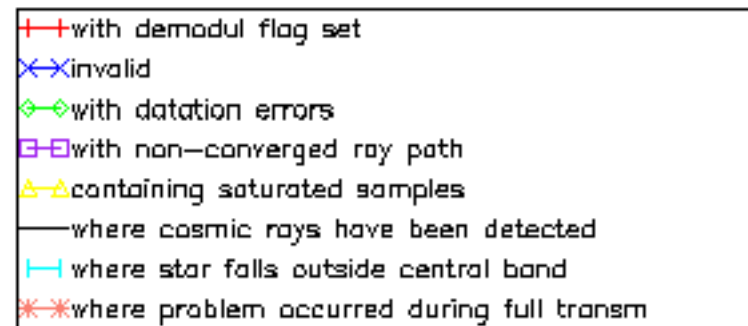
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	13-AUG-2009 00:07:35
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090811_154222_20090809_000000_20100101_000000	1	13-AUG-2009 00:07:35
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	13-AUG-2009 00:07:35
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	13-AUG-2009 00:07:35
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	13-AUG-2009 00:07:35
ECMWF_FILE	AUX_ECF_AXNECM20090812_064112_20090812_210000_20090813_090000	1	13-AUG-2009 00:07:35
ECMWF_FILE	AUX_ECF_AXNECM20090813_123059_20090813_150000_20090814_030000	90	13-AUG-2009 19:44:54
ECMWF_FILE	AUX_ECF_AXNECM20090813_123100_20090813_210000_20090814_090000	131	13-AUG-2009 22:32:52
OPTIONAL_ECMWF_FILE	MISSING	1	13-AUG-2009 00:07:35
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090812_212009_000057382081_00329_38960_8543.N1	1	13-AUG-2009 00:07:35
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090812_230106_000057382081_00330_38961_8544.N1	14	13-AUG-2009 01:00:20
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090813_004203_000054192081_00331_38962_8545.N1	31	13-AUG-2009 02:20:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090813_021741_000044632081_00332_38963_8546.N1	46	13-AUG-2009 03:43:19
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090813_033723_000057382081_00333_38964_8547.N1	68	13-AUG-2009 05:23:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090813_193904_000038252081_00343_38974_8549.N1	90	13-AUG-2009 19:44:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090813_204808_000057382081_00343_38974_8550.N1	131	13-AUG-2009 22:32:52

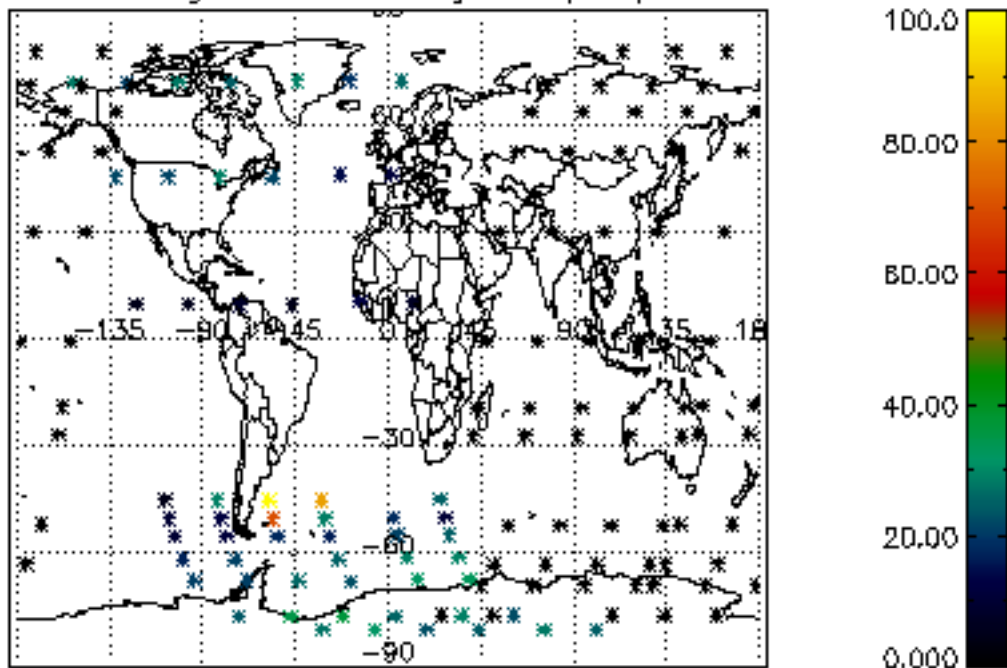




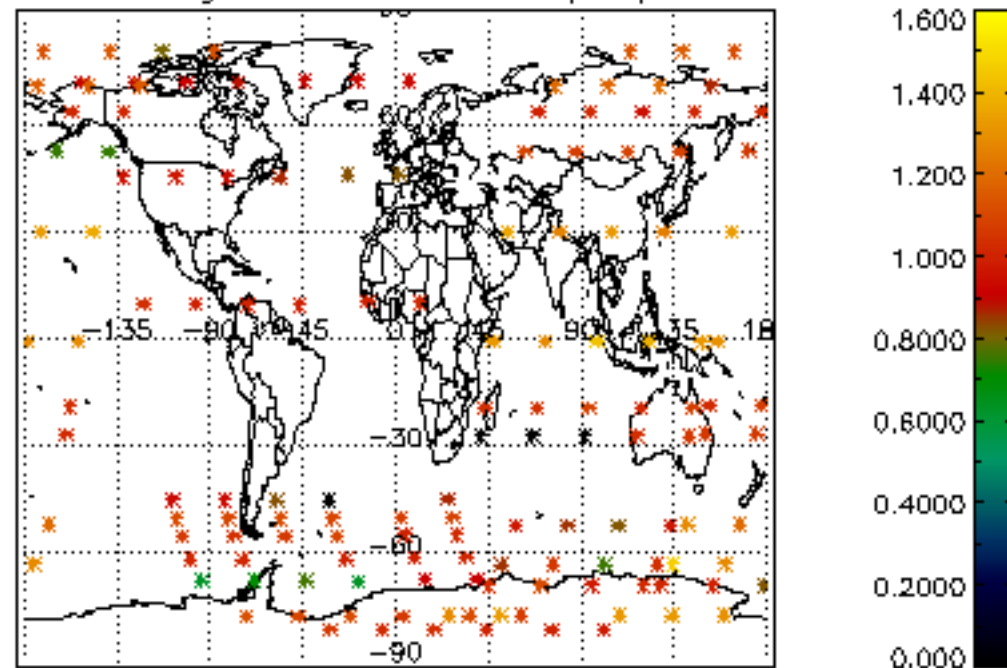




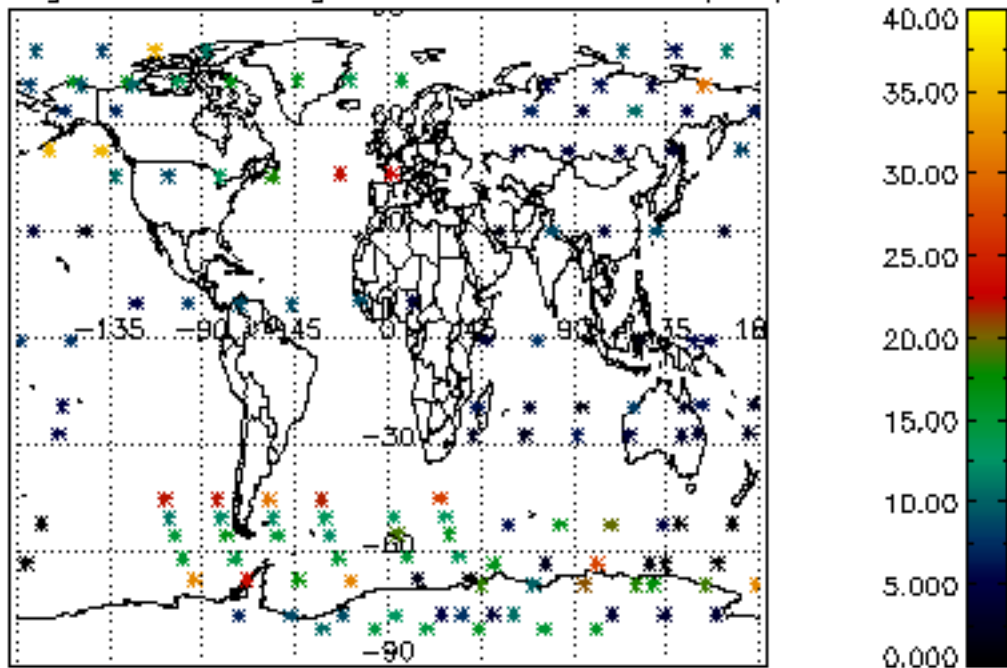
Percentage of cosmic ray hits per profile



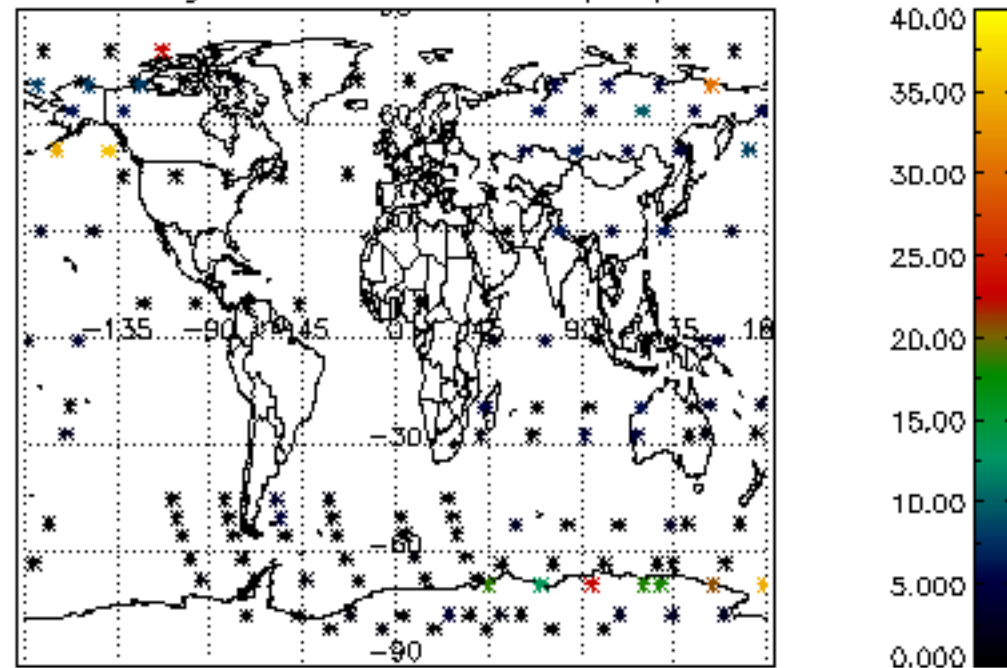
Percentage of datation errors per profile



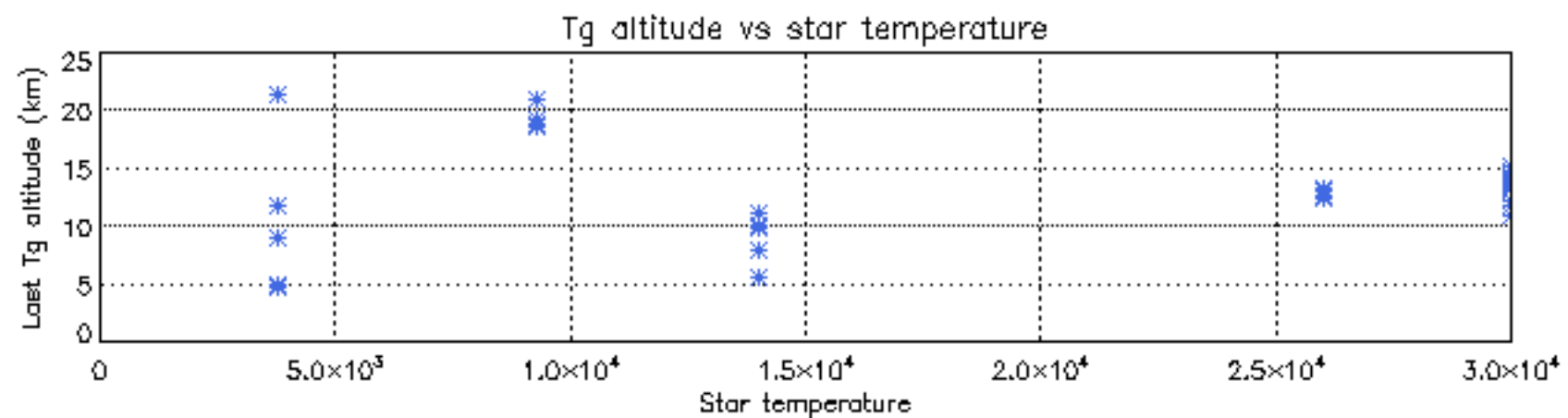
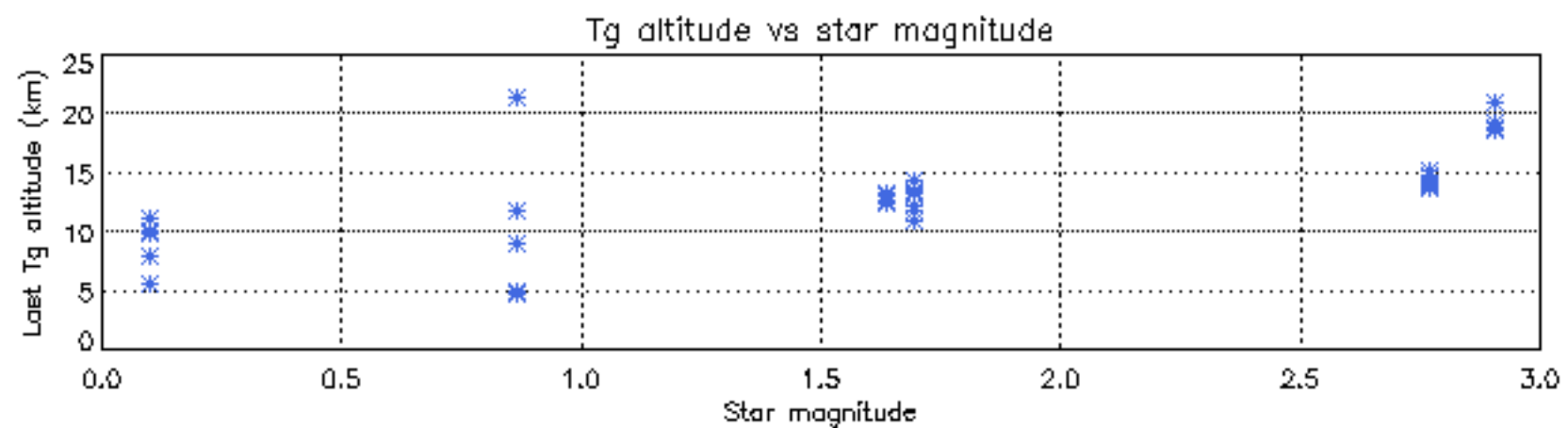
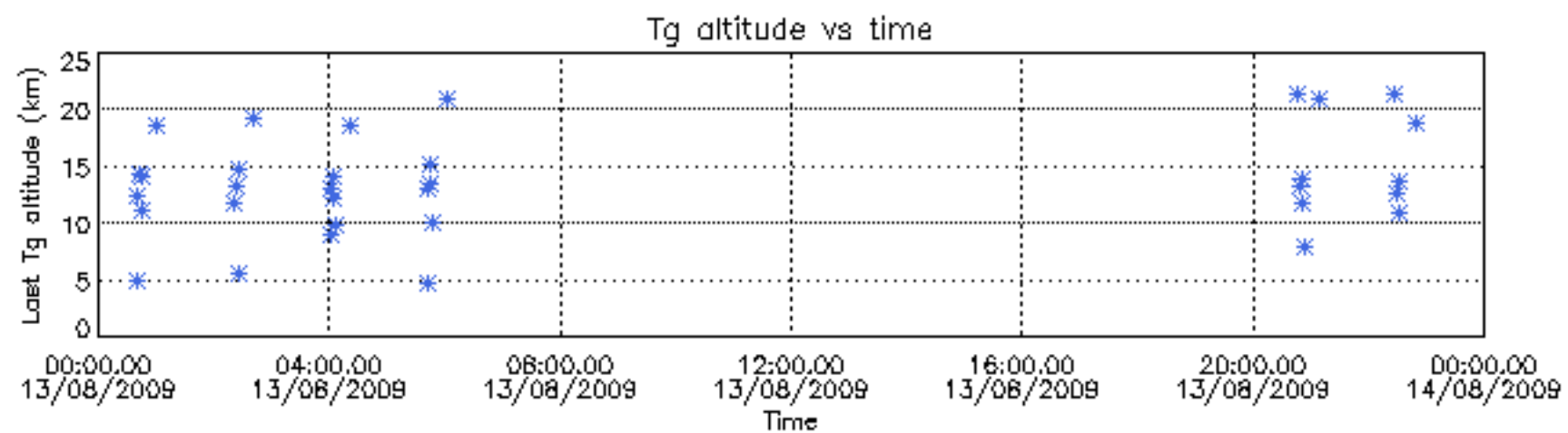
Percentage of star falling outside central band per profile



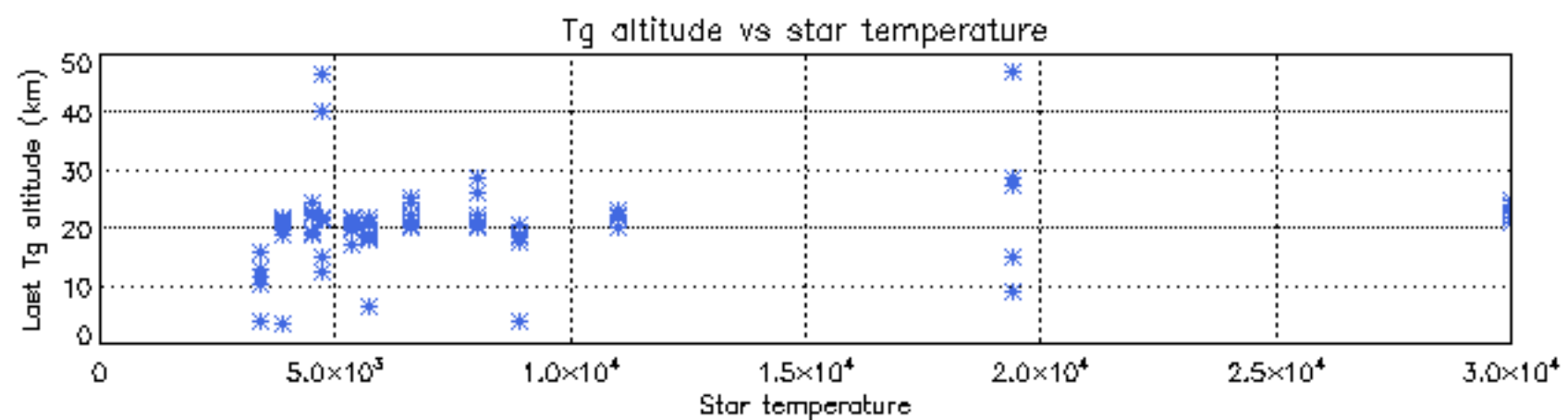
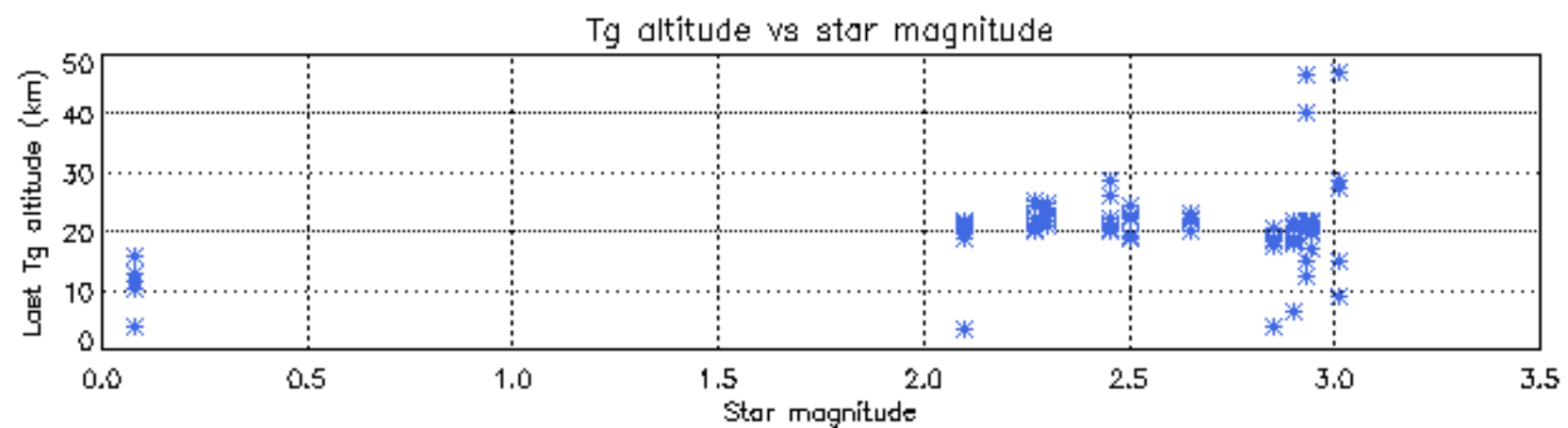
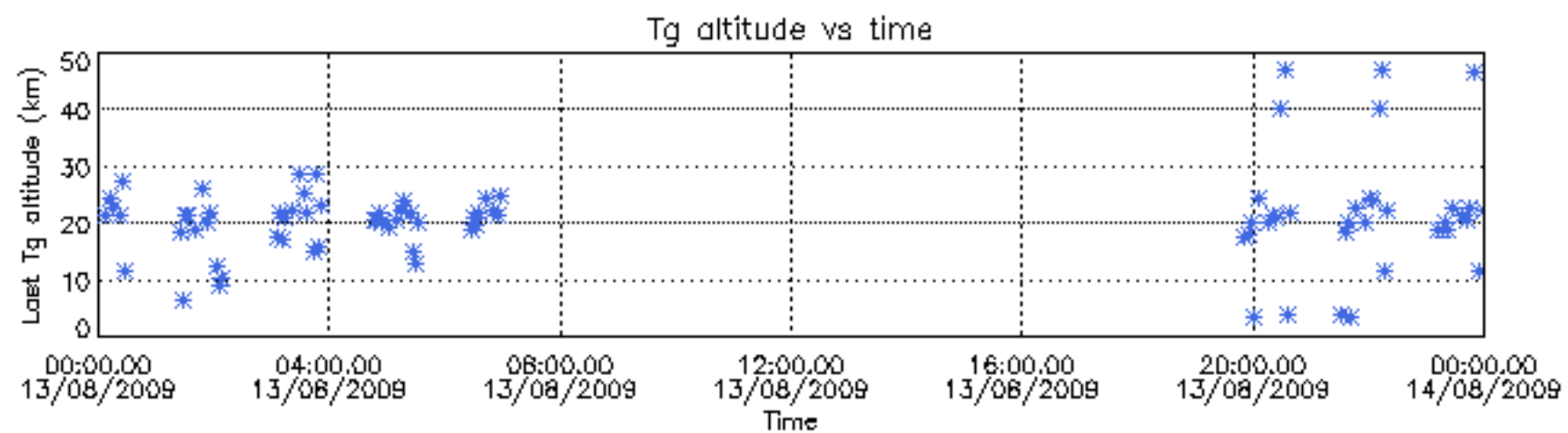
Percentage of saturation errors per profile

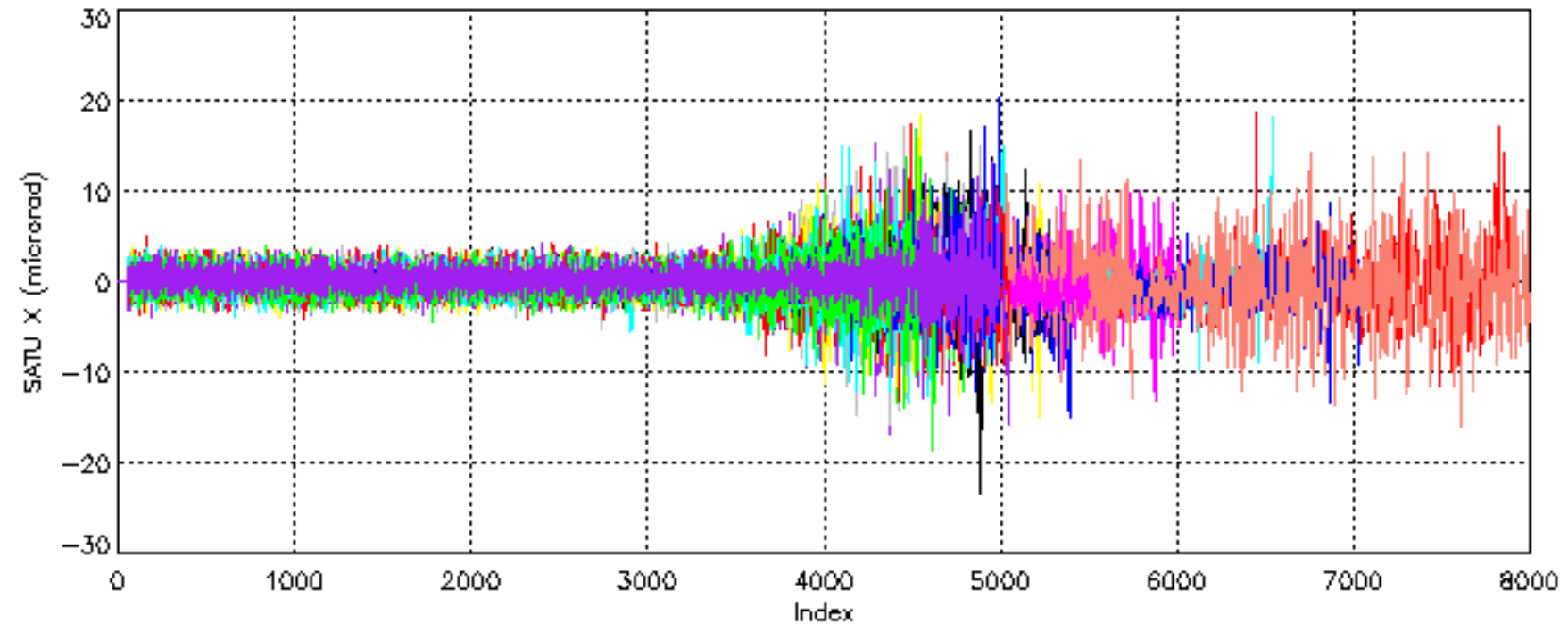


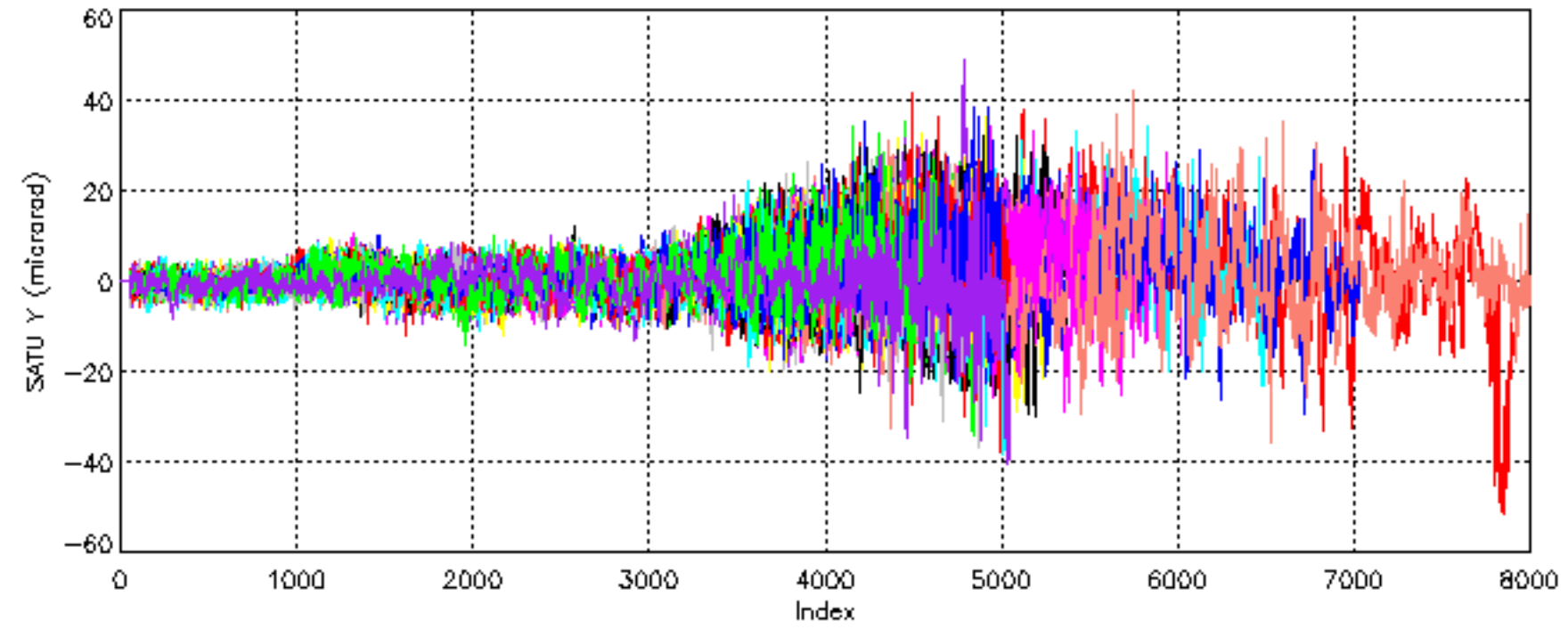
Tangent altitude at which the star is lost

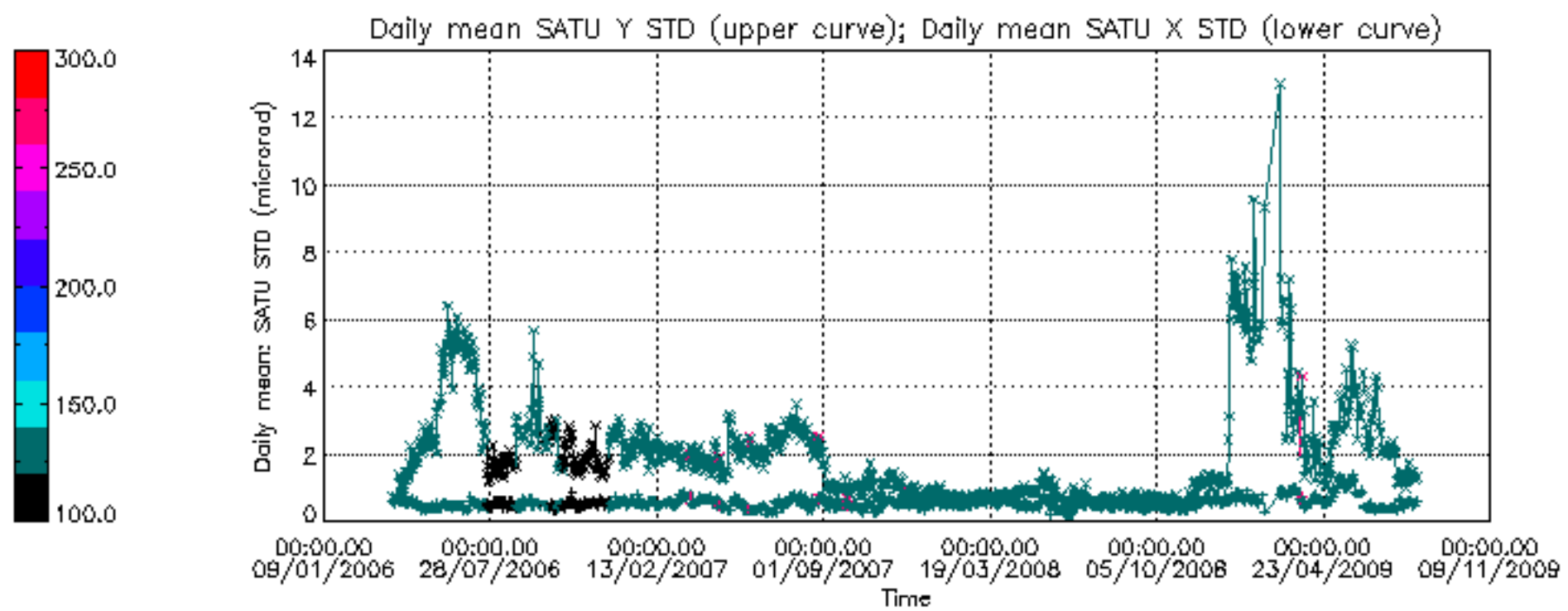


Tangent altitude at which the star is lost









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13; 3596.5; 01-AUG-2009 01:34:38; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38791
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16; 4315.6; 01-AUG-2009 01:46:37; Bright; 47.5; 149; 45Eps Per ; 2.89; 30000;occ; 95; 0;38791
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12; 1570.5; 01-AUG-2009 06:02:40; Bright; 53.5; 142; 49Del Cap ; 2.85; 8900;occ; 107; 0;38794
13; 1823.1; 01-AUG-2009 06:06:53; Bright; 53.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 106; 0;38794
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3; 1811.6; 05-AUG-2009 19:05:37; Bright; 49.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 98; 0;38859
4; 2547.6; 05-AUG-2009 19:17:53; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;38859
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6; 3063.8; 05-AUG-2009 19:26:29; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38859
7; 3424.0; 05-AUG-2009 19:32:29; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38859

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 11; 4201.0; 05-AUG-2009 19:45:26; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38859
 12; 4526.2; 05-AUG-2009 19:50:52; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38859
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 15; 5518.8; 05-AUG-2009 20:07:24; Dark ; 59.0; 165; 34Gam Eri ; 2.95; 3200;occ; 118; 0;38859
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 18; 6700.6; 05-AUG-2009 20:27:06; Dark ; 65.0; 84; Alp Phe ; 2.40; 4500;occ; 130; 0;38859
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6; -1508.7; 06-AUG-2009 05:54:28; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38865
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10; -246.8; 06-AUG-2009 06:15:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38865
11; 51.7; 06-AUG-2009 06:20:29; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38866
12; 670.6; 06-AUG-2009 06:30:47; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;38866
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3; 1578.2; 06-AUG-2009 20:10:42; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;38874
4; 1809.5; 06-AUG-2009 20:14:34; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;38874
5; 2541.4; 06-AUG-2009 20:26:46; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38874
6; 2623.3; 06-AUG-2009 20:28:08; Bright; 57.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 114; 0;38874
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9; 3411.9; 06-AUG-2009 20:41:16; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38874
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12; 4052.7; 06-AUG-2009 20:51:57; Bright; 53.5; 35; 33Alp Per ; 1.79; 6250;occ; 107; 0;38874
13; 4200.5; 06-AUG-2009 20:54:25; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;38874
14; 4310.8; 06-AUG-2009 20:56:15; Bright; 46.5; 149; 45Eps Per ; 2.89; 30000;occ; 93; 0;38874
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13; 2731.5; 06-AUG-2009 22:10:32; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38875
14; 3057.6; 06-AUG-2009 22:15:58; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38875
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16; 3537.1; 06-AUG-2009 22:23:57; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38875
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18; 4052.2; 06-AUG-2009 22:32:32; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38875
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 22; 5176.1; 07-AUG-2009 00:31:52; Dark ; 44.0; 128; 67Bet Eri ; 2.78; 9700;occ; 88; 0;38876

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 11; 4200.9; 06-AUG-2009 09:10:14; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;38867
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10; 4054.9; 06-AUG-2009 10:48:23; Bright; 53.0; 35; 33Alp Per ; 1.79; 6250;occ; 106; 0;38868
11; 4200.8; 06-AUG-2009 10:50:49; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;38868
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22; 7219.2; 06-AUG-2009 11:41:08; Dark ; 61.5; 18; 24Alp PsA ; 1.17; 9700;occ; 123; 0;38868
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4; 2624.6; 06-AUG-2009 12:05:09; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;38869
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6; 3059.9; 06-AUG-2009 12:12:24; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38869
7; 3415.9; 06-AUG-2009 12:18:20; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38869
8; 3541.4; 06-AUG-2009 12:20:26; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38869
9; 3948.0; 06-AUG-2009 12:27:13; Bright; 48.0; 160; 23Gam Per ; 2.93; 4700;occ; 96; 0;38869
10; 4054.6; 06-AUG-2009 12:28:59; Bright; 52.0; 35; 33Alp Per ; 1.79; 6250;occ; 104; 0;38869
11; 4200.7; 06-AUG-2009 12:31:25; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;38869
12; 4311.2; 06-AUG-2009 12:33:16; Bright; 50.0; 149; 45Eps Per ; 2.89; 30000;occ; 100; 0;38869
13; 4527.9; 06-AUG-2009 12:36:52; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38869
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19; 6091.9; 06-AUG-2009 13:02:56; Dark ; 47.0; 157; The1Eri ; 2.91; 9300;occ; 94; 0;38869
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5; 2733.3; 06-AUG-2009 13:47:34; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;38870
6; 3059.8; 06-AUG-2009 13:53:00; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38870
7; 3540.8; 06-AUG-2009 14:01:01; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;38870
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9; 4054.1; 06-AUG-2009 14:09:34; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38870
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11; 4311.2; 06-AUG-2009 14:13:52; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38870
12; 4528.2; 06-AUG-2009 14:17:29; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38870
13; 4823.8; 06-AUG-2009 14:22:24; Dark ; 59.5; 13; 87Alp Tau ; 0.87; 3800;occ; 119; 0;38870
14; 4939.6; 06-AUG-2009 14:24:20; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;38870
15; 5172.8; 06-AUG-2009 14:28:13; Dark ; 45.5; 128; 67Bet Eri ; 2.78; 9700;occ; 91; 0;38870
16; 5531.6; 06-AUG-2009 14:34:12; Dark ; 60.0; 165; 34Gam Eri ; 2.95; 3200;occ; 120; 0;38870
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9; 3947.3; 06-AUG-2009 15:48:24; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 0;38871
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11; 4053.5; 06-AUG-2009 17:30:46; Bright; 52.5; 35; 33Alp Per ; 1.79; 6250;occ; 105; 0;38872
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 5; 2728.9; 07-AUG-2009 09:54:41; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;38882
 6; 3055.3; 07-AUG-2009 10:00:07; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38882
 7; 3405.4; 07-AUG-2009 10:05:57; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38882
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 9; 3942.2; 07-AUG-2009 10:14:54; Bright; 53.0; 160; 23Gam Per ; 2.93; 4700;occ; 106; 0;38882
 10; 4049.9; 07-AUG-2009 10:16:42; Bright; 53.0; 35; 33Alp Per ; 1.79; 6250;occ; 106; 0;38882
 11; 4200.4; 07-AUG-2009 10:19:12; Bright; 46.5; 6; 13Alp Aur ; 0.08; 3400;occ; 93; 0;38882
 12; 4310.1; 07-AUG-2009 10:21:02; Bright; 55.5; 149; 45Eps Per ; 2.89; 30000;occ; 111; 0;38882
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 4; 2621.0; 07-AUG-2009 11:33:29; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;38883
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 6; 3054.9; 07-AUG-2009 11:40:42; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38883
 7; 3404.6; 07-AUG-2009 11:46:32; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38883
 8; 3531.3; 07-AUG-2009 11:48:39; Bright; 72.0; 76; 27Gam Cas ; 2.30; 30000;occ; 144; 0;38883
 9; 3941.6; 07-AUG-2009 11:55:29; Bright; 73.0; 160; 23Gam Per ; 2.93; 4700;occ; 146; 0;38883
 10; 4049.5; 07-AUG-2009 11:57:17; Bright; 55.0; 35; 33Alp Per ; 1.79; 6250;occ; 110; 0;38883
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 12; 4310.0; 07-AUG-2009 12:01:38; Bright; 53.0; 149; 45Eps Per ; 2.89; 30000;occ; 106; 0;38883
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 4; 2537.7; 07-AUG-2009 13:12:41; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38884
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 9; 3530.7; 07-AUG-2009 13:29:14; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38884


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 3; 1808.3; 07-AUG-2009 16:21:44; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;38886
 4; 2166.2; 07-AUG-2009 16:27:41; Bright; 53.0; 61; 8Eps Peg ; 2.10; 3900;occ; 106; 0;38886
 5; 2537.2; 07-AUG-2009 16:33:52; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38886
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 9; 3402.2; 07-AUG-2009 16:48:17; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38886
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11; 3940.5; 07-AUG-2009 16:57:16; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38886
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19; 5222.4; 07-AUG-2009 20:39:50; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;38888
20; 5807.6; 07-AUG-2009 20:49:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38888
21; 6112.1; 07-AUG-2009 20:54:39; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38888
22; 6729.4; 07-AUG-2009 21:04:57; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38888
23; 6942.3; 07-AUG-2009 21:08:30; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;38888
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3; 695.4; 08-AUG-2009 00:26:10; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38891
4; 907.1; 08-AUG-2009 00:29:42; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;38891
5; 1195.7; 08-AUG-2009 00:34:31; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38891
6; 1579.6; 08-AUG-2009 00:40:54; Bright; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;38891
7; 1807.7; 08-AUG-2009 00:44:43; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38891
8; 2163.3; 08-AUG-2009 00:50:38; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38891
9; 2535.1; 08-AUG-2009 00:56:50; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38891
10; 2618.9; 08-AUG-2009 00:58:14; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;38891
11; 2725.8; 08-AUG-2009 01:00:01; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38891
12; 3052.0; 08-AUG-2009 01:05:27; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38891
13; 3398.0; 08-AUG-2009 01:11:13; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38891
14; 3525.4; 08-AUG-2009 01:13:20; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38891
15; 3937.8; 08-AUG-2009 01:20:13; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38891
16; 4046.4; 08-AUG-2009 01:22:01; Bright; 50.5; 35; 33Alp Per ; 1.79; 6250;occ; 101; 0;38891
17; 4200.1; 08-AUG-2009 01:24:35; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;38891
18; 4309.0; 08-AUG-2009 01:26:24; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38891
19; 4531.5; 08-AUG-2009 01:30:06; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38891
20; 4662.5; 08-AUG-2009 01:32:17; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38891
21; 4834.0; 08-AUG-2009 01:35:09; Dark ; 60.0; 13; 87Alp Tau ; 0.87; 3800;occ; 120; 0;38891
22; 4948.5; 08-AUG-2009 01:37:03; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38891
23; 5224.2; 08-AUG-2009 01:41:39; Dark ; 31.5; 7; 19Bet Ori ; 0.10; 14000;occ; 63; 0;38891

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 3; 79.4; 08-AUG-2009 01:56:30; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38892
 4; 696.4; 08-AUG-2009 02:06:47; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;38892
 5; 907.8; 08-AUG-2009 02:10:19; Dark ; 50.0; 63; Bet Gru ; 2.15; 2800;occ; 100; 0;38892
 6; 1196.2; 08-AUG-2009 02:15:07; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;38892
 7; 1579.9; 08-AUG-2009 02:21:31; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;38892
 8; 1807.5; 08-AUG-2009 02:25:18; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38892
 9; 2162.7; 08-AUG-2009 02:31:13; Bright; 52.5; 61; 8Eps Peg ; 2.10; 3900;occ; 105; 0;38892
 10; 2534.7; 08-AUG-2009 02:37:25; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38892
 11; 2618.5; 08-AUG-2009 02:38:49; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;38892
 12; 2725.5; 08-AUG-2009 02:40:36; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;38892
 13; 3051.6; 08-AUG-2009 02:46:02; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38892
 14; 3397.0; 08-AUG-2009 02:51:48; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38892
 15; 3524.7; 08-AUG-2009 02:53:55; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38892

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 2;-1989.8; 08-AUG-2009 03:02:37; Bright; 54.5; 35; 33Alp Per ; 1.79; 6250;occ; 109; 0;38892
 3;-1835.8; 08-AUG-2009 03:05:11; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38892
 4;-1726.8; 08-AUG-2009 03:07:00; Bright; 54.0; 149; 45Eps Per ; 2.89; 30000;occ; 108; 0;38892
 5;-1504.0; 08-AUG-2009 03:10:43; Dark ; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;38892
 6;-1372.9; 08-AUG-2009 03:12:54; Dark ; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;38892
 7;-1201.2; 08-AUG-2009 03:15:45; Dark ; 61.5; 13; 87Alp Tau ; 0.87; 3800;occ; 123; 0;38892
 8;-1086.9; 08-AUG-2009 03:17:40; Dark ; 41.5; 27; 24Gam Ori ; 1.64; 26000;occ; 83; 0;38892
 9; -811.1; 08-AUG-2009 03:22:16; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;38892
 10; -225.0; 08-AUG-2009 03:32:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38892
 11; 80.7; 08-AUG-2009 03:37:07; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38893
 12; 697.5; 08-AUG-2009 03:47:24; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38893
 13; 908.4; 08-AUG-2009 03:50:55; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;38893
 14; 1197.0; 08-AUG-2009 03:55:44; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;38893
 15; 1580.1; 08-AUG-2009 04:02:07; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38893
 16; 1807.6; 08-AUG-2009 04:05:54; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;38893
 17; 2162.2; 08-AUG-2009 04:11:49; Bright; 53.5; 61; 8Eps Peg ; 2.10; 3900;occ; 107; 0;38893
 18; 2534.5; 08-AUG-2009 04:18:01; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38893
 19; 2618.5; 08-AUG-2009 04:19:25; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;38893
 20; 2725.3; 08-AUG-2009 04:21:12; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38893
 21; 3051.5; 08-AUG-2009 04:26:38; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38893
 22; 3396.4; 08-AUG-2009 04:32:23; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38893
 23; 3524.0; 08-AUG-2009 04:34:31; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38893

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 3;-1835.8; 08-AUG-2009 04:45:47; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;38893
 4;-1727.0; 08-AUG-2009 04:47:36; Bright; 53.5; 149; 45Eps Per ; 2.89; 30000;occ; 107; 0;38893
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 7;-1200.6; 08-AUG-2009 04:56:22; Dark ; 71.0; 13; 87Alp Tau ; 0.87; 3800;occ; 142; 0;38893
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 9; -810.6; 08-AUG-2009 05:02:52; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;38893
 10; -224.2; 08-AUG-2009 05:12:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38893
 11; 81.7; 08-AUG-2009 05:17:44; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38894
 12; 698.3; 08-AUG-2009 05:28:01; Dark ; 61.0; 84; Alp Phe ; 2.40; 4500;occ; 122; 0;38894
 13; 908.9; 08-AUG-2009 05:31:32; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;38894
 14; 1197.6; 08-AUG-2009 05:36:20; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38894
 15; 1580.1; 08-AUG-2009 05:42:43; Bright; 66.0; 142; 49Del Cap ; 2.85; 8900;occ; 132; 0;38894
 16; 1807.6; 08-AUG-2009 05:46:30; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;38894
 17; 2161.7; 08-AUG-2009 05:52:24; Bright; 69.0; 61; 8Eps Peg ; 2.10; 3900;occ; 138; 0;38894
 18; 2534.0; 08-AUG-2009 05:58:37; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;38894
 19; 2618.0; 08-AUG-2009 06:00:01; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;38894
 20; 2724.8; 08-AUG-2009 06:01:48; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;38894
 21; 3051.0; 08-AUG-2009 06:07:14; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38894
 22; 3395.7; 08-AUG-2009 06:12:58; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38894
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 2; 1580.9; 08-AUG-2009 20:48:07; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;38903
 3; 1806.4; 08-AUG-2009 20:51:53; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;38903


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4; 2156.9; 08-AUG-2009 20:57:43; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38903
5; 2531.1; 08-AUG-2009 21:03:57; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;38903
6; 2721.9; 08-AUG-2009 21:07:08; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38903
7; 3047.8; 08-AUG-2009 21:12:34; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38903
8; 3388.1; 08-AUG-2009 21:18:14; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38903
9; 3516.7; 08-AUG-2009 21:20:23; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38903
10; 3932.3; 08-AUG-2009 21:27:18; Bright; 74.0; 160; 23Gam Per ; 2.93; 4700;occ; 148; 0;38903
11; 4041.9; 08-AUG-2009 21:29:08; Bright; 56.5; 35; 33Alp Per ; 1.79; 6250;occ; 113; 0;38903
12; 4199.8; 08-AUG-2009 21:31:46; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38903
13; 4308.0; 08-AUG-2009 21:33:34; Bright; 57.5; 149; 45Eps Per ; 2.89; 30000;occ; 115; 0;38903
14; 4533.8; 08-AUG-2009 21:37:20; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38903
15; 4665.7; 08-AUG-2009 21:39:32; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38903
16; 4840.3; 08-AUG-2009 21:42:26; Dark ; 72.0; 13; 87Alp Tau ; 0.87; 3800;occ; 144; 0;38903
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5; 707.9; 08-AUG-2009 22:14:10; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38904
6; 914.1; 08-AUG-2009 22:17:36; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;38904
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9; 1806.3; 08-AUG-2009 22:32:28; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38904
10; 2156.4; 08-AUG-2009 22:38:18; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;38904
11; 2530.5; 08-AUG-2009 22:44:33; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;38904
12; 2721.6; 08-AUG-2009 22:47:44; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;38904
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16; 3931.8; 08-AUG-2009 23:07:54; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;38904
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19; 4308.0; 08-AUG-2009 23:14:10; Bright; 52.0; 149; 45Eps Per ; 2.89; 30000;occ; 104; 0;38904
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21; 4665.8; 08-AUG-2009 23:20:08; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38904
22; 4840.9; 08-AUG-2009 23:23:03; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38904
23; 4954.2; 08-AUG-2009 23:24:56; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38904
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5; 708.8; 08-AUG-2009 23:54:47; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38905
6; 914.8; 08-AUG-2009 23:58:13; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;38905
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9; 1806.2; 09-AUG-2009 00:13:04; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38905
10; 2155.9; 09-AUG-2009 00:18:54; Bright; 51.5; 61; 8Eps Peg ; 2.10; 3900;occ; 103; 0;38905
11; 2530.6; 09-AUG-2009 00:25:09; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38905
12; 2721.5; 09-AUG-2009 00:28:19; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38905
13; 3047.1; 09-AUG-2009 00:33:45; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38905
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19; 4307.9; 09-AUG-2009 00:54:46; Bright; 51.5; 149; 45Eps Per ; 2.89; 30000;occ; 103; 0;38905
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22; 4841.4; 09-AUG-2009 01:03:39; Dark ; 73.0; 13; 87Alp Tau ; 0.87; 3800;occ; 146; 0;38905
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3; 2533.8; 08-AUG-2009 07:39:12; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;38895
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7; 3394.9; 08-AUG-2009 07:53:34; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38895
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9; 3936.2; 08-AUG-2009 08:02:35; Bright; 73.0; 160; 23Gam Per ; 2.93; 4700;occ; 146; 0;38895
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3; 2533.0; 08-AUG-2009 11:00:23; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38897
4; 2724.0; 08-AUG-2009 11:03:35; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38897
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11; 4308.7; 08-AUG-2009 11:29:59; Bright; 54.0; 149; 45Eps Per ; 2.89; 30000;occ; 108; 0;38897
12; 4532.6; 08-AUG-2009 11:33:43; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38897
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12; 4308.6; 08-AUG-2009 13:10:35; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38898
13; 4533.0; 08-AUG-2009 13:14:19; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38898
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23; 5068.4; 10-AUG-2009 00:35:49; Dark ; 44.5; 72; 34Del Ori ; 2.25; 30000;occ; 89; 0;38919
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7; 3510.6; 09-AUG-2009 10:45:04; Bright; 51.0; 76; 27Gam Cas ; 2.30; 30000;occ; 102; 0;38911
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22; 6766.5; 10-AUG-2009 14:28:55; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38927
23; 6962.8; 10-AUG-2009 14:32:11; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;38927
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 7; 3039.7; 10-AUG-2009 15:07:24; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38928
 8; 3368.2; 10-AUG-2009 15:12:52; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;38928
 9; 3498.3; 10-AUG-2009 15:15:03; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38928
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12; 4198.9; 10-AUG-2009 15:26:43; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38928
13; 4305.5; 10-AUG-2009 15:28:30; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;38928
14; 4538.5; 10-AUG-2009 15:32:23; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38928
15; 4672.3; 10-AUG-2009 15:34:36; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38928
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23; 6767.5; 10-AUG-2009 16:09:32; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38928
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 5; 2144.2; 10-AUG-2009 16:33:04; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38929
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 7; 2714.0; 10-AUG-2009 16:42:34; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38929
 8; 3039.1; 10-AUG-2009 16:47:59; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38929
 9; 3367.4; 10-AUG-2009 16:53:28; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38929
10; 3497.5; 10-AUG-2009 16:55:38; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38929
11; 3919.5; 10-AUG-2009 17:02:40; Bright; 75.0; 160; 23Gam Per ; 2.93; 4700;occ; 150; 0;38929
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13; 4198.8; 10-AUG-2009 17:07:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38929
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 8; -428.9; 10-AUG-2009 17:30:47; Dark ; 69.0; 165; 34Gam Eri ; 2.95; 3200;occ; 138; 0;38929
 9; -193.6; 10-AUG-2009 17:34:43; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38929
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 3; 1804.2; 10-AUG-2009 16:27:24; Bright; 64.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 128; 0;38929
 4; 1946.3; 10-AUG-2009 16:29:46; Bright; 25.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 50; 0;38929
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 6; 2522.5; 10-AUG-2009 16:39:23; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38929
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 13; 4198.8; 10-AUG-2009 17:07:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38929
 14; 4305.5; 10-AUG-2009 17:09:06; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;38929
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 19; 5073.5; 10-AUG-2009 17:21:54; Dark ; 45.0; 72; 34Del Ori ; 2.25; 30000;occ; 90; 0;38929
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 22; 5842.4; 10-AUG-2009 17:34:43; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38929
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 3; 1804.0; 10-AUG-2009 18:08:00; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38930
 4; 1945.9; 10-AUG-2009 18:10:22; Bright; 31.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 62; 0;38930
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 16; 4672.8; 10-AUG-2009 18:55:49; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;38930
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 22; 5843.3; 10-AUG-2009 19:15:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38930
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 7; 1803.6; 11-AUG-2009 00:50:23; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38934
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7; 1218.7; 11-AUG-2009 02:21:14; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38935
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10; 1944.0; 11-AUG-2009 02:33:20; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;38935
11; 2141.1; 11-AUG-2009 02:36:37; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38935
12; 2520.6; 11-AUG-2009 02:42:56; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38935
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16; 3492.8; 11-AUG-2009 02:59:08; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38935
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15; 1584.4; 11-AUG-2009 04:07:56; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38936
16; 1803.6; 11-AUG-2009 04:11:35; Bright; 45.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 90; 0;38936
17; 1943.7; 11-AUG-2009 04:13:55; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38936
18; 2140.9; 11-AUG-2009 04:17:12; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38936
19; 2520.3; 11-AUG-2009 04:23:32; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38936
20; 2712.1; 11-AUG-2009 04:26:44; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38936
21; 3037.0; 11-AUG-2009 04:32:09; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38936
22; 3361.8; 11-AUG-2009 04:37:33; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38936
23; 3492.3; 11-AUG-2009 04:39:44; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38936
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2; -2007.3; 11-AUG-2009 04:48:40; Bright; 57.0; 35; 33Alp Per ; 1.79; 6250;occ; 114; 0;38936
3; -1837.6; 11-AUG-2009 04:51:30; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38936
4; -1496.2; 11-AUG-2009 04:57:11; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38936
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6; -1177.3; 11-AUG-2009 05:02:30; Dark ; 70.5; 13; 87Alp Tau ; 0.87; 3800;occ; 141; 0;38936
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9; -783.8; 11-AUG-2009 05:09:04; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;38936
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11; -187.4; 11-AUG-2009 05:19:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38936
12; 129.0; 11-AUG-2009 05:24:17; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;38937
13; 738.9; 11-AUG-2009 05:34:26; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;38937
14; 1220.0; 11-AUG-2009 05:42:28; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;38937
15; 1584.4; 11-AUG-2009 05:48:32; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38937
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17; 1943.4; 11-AUG-2009 05:54:31; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38937
18; 2140.3; 11-AUG-2009 05:57:48; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38937
19; 2520.3; 11-AUG-2009 06:04:08; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38937
20; 2711.8; 11-AUG-2009 06:07:19; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;38937
21; 3036.6; 11-AUG-2009 06:12:44; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38937
22; 3361.1; 11-AUG-2009 06:18:09; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38937
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2; 1585.4; 11-AUG-2009 20:53:56; Bright; 54.0; 142; 49Del Cap ; 2.85; 8900;occ; 108; 0;38946
3; 1802.7; 11-AUG-2009 20:57:34; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38946

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

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

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

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

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 3; 2139.6; 11-AUG-2009 09:18:59; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38939
 4; 2519.4; 11-AUG-2009 09:25:19; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38939
 5; 2711.1; 11-AUG-2009 09:28:31; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38939
 6; 3036.1; 11-AUG-2009 09:33:56; Bright; 57.0; 89; 5Alp Cep ; 2.45; 8000;occ; 114; 0;38939
 7; 3359.3; 11-AUG-2009 09:39:19; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38939
 8; 3490.0; 11-AUG-2009 09:41:29; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38939
 9; 3914.5; 11-AUG-2009 09:48:34; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38939
 10; 4027.4; 11-AUG-2009 09:50:27; Bright; 58.0; 35; 33Alp Per ; 1.79; 6250;occ; 116; 0;38939
 11; 4198.3; 11-AUG-2009 09:53:18; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;38939
 12; 4540.3; 11-AUG-2009 09:59:00; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38939
 13; 4675.3; 11-AUG-2009 10:01:15; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38939
 14; 4860.3; 11-AUG-2009 10:04:20; Dark ; 66.5; 13; 87Alp Tau ; 0.87; 3800;occ; 133; 0;38939
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 17; 5254.1; 11-AUG-2009 10:10:54; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38939
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 22; 7257.3; 11-AUG-2009 10:44:17; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38939
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6; 3035.4; 11-AUG-2009 11:14:31; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;38940
7; 3358.5; 11-AUG-2009 11:19:54; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38940
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9; 3913.7; 11-AUG-2009 11:29:09; Bright; 70.5; 160; 23Gam Per ; 2.93; 4700;occ; 141; 0;38940
10; 4026.9; 11-AUG-2009 11:31:02; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38940
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4; 2518.9; 11-AUG-2009 12:46:30; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38941
5; 2710.6; 11-AUG-2009 12:49:42; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38941
6; 3035.2; 11-AUG-2009 12:55:06; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38941
7; 3357.8; 11-AUG-2009 13:00:29; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38941
8; 3488.6; 11-AUG-2009 13:02:40; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38941
9; 3913.3; 11-AUG-2009 13:09:45; Bright; 58.5; 160; 23Gam Per ; 2.93; 4700;occ; 117; 0;38941
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11; 4100.2; 11-AUG-2009 13:12:51; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38941
12; 4540.7; 11-AUG-2009 13:20:12; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38941
13; 4675.9; 11-AUG-2009 13:22:27; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38941
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12; 4099.7; 11-AUG-2009 16:34:03; Bright; 48.5; 175; 39Del Per ; 3.01; 19400;occ; 97; 0;38943
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14; 4676.4; 11-AUG-2009 16:43:40; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38943
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3; 1803.0; 11-AUG-2009 17:36:22; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;38944
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8; 3034.5; 11-AUG-2009 17:56:54; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38944
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 10; 2516.6; 12-AUG-2009 02:11:15; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;38949
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 4; -1493.8; 12-AUG-2009 02:45:01; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38949
 5; -1357.9; 12-AUG-2009 02:47:17; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38949
 6; -1169.6; 12-AUG-2009 02:50:25; Dark ; 75.5; 13; 87Alp Tau ; 0.87; 3800;occ; 151; 0;38949
 7; -1060.1; 12-AUG-2009 02:52:14; Dark ; 47.5; 27; 24Gam Ori ; 1.64; 26000;occ; 95; 0;38949
 8; -944.2; 12-AUG-2009 02:54:10; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;38949
 9; -861.0; 12-AUG-2009 02:55:34; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;38949
 10; -775.1; 12-AUG-2009 02:56:59; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;38949
 11; -400.2; 12-AUG-2009 03:03:14; Dark ; 62.0; 165; 34Gam Eri ; 2.95; 3200;occ; 124; 0;38949
 12; -175.8; 12-AUG-2009 03:06:59; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38949
 13; 143.9; 12-AUG-2009 03:12:18; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38950
 14; 750.8; 12-AUG-2009 03:22:25; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38950
 15; 1226.3; 12-AUG-2009 03:30:21; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38950
 16; 1586.0; 12-AUG-2009 03:36:21; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38950
 17; 1802.6; 12-AUG-2009 03:39:57; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38950
 18; 1939.0; 12-AUG-2009 03:42:14; Bright; 74.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 148; 0;38950
 19; 2135.0; 12-AUG-2009 03:45:30; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38950
 20; 2516.4; 12-AUG-2009 03:51:51; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38950
 21; 2708.4; 12-AUG-2009 03:55:03; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;38950
 22; 3032.6; 12-AUG-2009 04:00:27; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38950
 23; 3350.7; 12-AUG-2009 04:05:45; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;38950
 24; 3481.8; 12-AUG-2009 04:07:56; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38950

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1; -2127.3; 12-AUG-2009 04:15:03; Bright; 54.5; 160; 23Gam Per ; 2.93; 4700;occ; 109; 0;38950
 2; -2013.4; 12-AUG-2009 04:16:57; Bright; 33.0; 35; 33Alp Per ; 1.79; 6250;occ; 66; 0;38950
 3; -1938.7; 12-AUG-2009 04:18:12; Bright; 76.0; 175; 39Del Per ; 3.01; 19400;occ; 152; 0;38950
 4; -1493.6; 12-AUG-2009 04:25:37; Dark ; 46.0; 28; 12Bet Tau ; 1.65; 15200;occ; 92; 0;38950
 5; -1357.6; 12-AUG-2009 04:27:53; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38950
 6; -1168.9; 12-AUG-2009 04:31:02; Dark ; 68.0; 13; 87Alp Tau ; 0.87; 3800;occ; 136; 0;38950
 7; -1059.7; 12-AUG-2009 04:32:51; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;38950
 8; -943.7; 12-AUG-2009 04:34:47; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;38950
 9; -860.4; 12-AUG-2009 04:36:10; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38950
 10; -774.4; 12-AUG-2009 04:37:36; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;38950
 11; -398.7; 12-AUG-2009 04:43:52; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;38950
 12; -174.9; 12-AUG-2009 04:47:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38950
 13; 145.0; 12-AUG-2009 04:52:56; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38951
 14; 751.7; 12-AUG-2009 05:03:02; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38951
 15; 1226.6; 12-AUG-2009 05:10:57; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;38951
 16; 1585.9; 12-AUG-2009 05:16:56; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38951
 17; 1802.5; 12-AUG-2009 05:20:33; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38951
 18; 1938.7; 12-AUG-2009 05:22:49; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38951
 19; 2134.5; 12-AUG-2009 05:26:05; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;38951
 20; 2516.2; 12-AUG-2009 05:32:27; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38951
 21; 2708.2; 12-AUG-2009 05:35:39; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38951
 22; 3032.4; 12-AUG-2009 05:41:03; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38951
 23; 3349.8; 12-AUG-2009 05:46:20; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38951
 24; 3481.0; 12-AUG-2009 05:48:32; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38951

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 2; -2013.9; 12-AUG-2009 05:57:33; Bright; 33.0; 35; 33Alp Per ; 1.79; 6250;occ; 66; 0;38951

3; -1939.1; 12-AUG-2009 05:58:47; Bright; 56.5; 175; 39Del Per ; 3.01; 19400;occ; 113; 0;38951
4; -1493.4; 12-AUG-2009 06:06:13; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38951
5; -1357.4; 12-AUG-2009 06:08:29; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38951
6; -1168.3; 12-AUG-2009 06:11:38; Dark ; 78.0; 13; 87Alp Tau ; 0.87; 3800;occ; 156; 0;38951
7; -1059.2; 12-AUG-2009 06:13:27; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38951
8; -943.2; 12-AUG-2009 06:15:23; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38951
9; -859.9; 12-AUG-2009 06:16:47; Dark ; 43.5; 125; 44Iot Ori ; 2.77; 30000;occ; 87; 0;38951
10; -773.7; 12-AUG-2009 06:18:13; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;38951
11; -397.2; 12-AUG-2009 06:24:29; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;38951
12; -174.0; 12-AUG-2009 06:28:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38951
13; 146.1; 12-AUG-2009 06:33:33; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38952
14; 752.7; 12-AUG-2009 06:43:39; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38952
15; 1227.2; 12-AUG-2009 06:51:34; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;38952
16; 1586.1; 12-AUG-2009 06:57:33; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38952
17; 1802.5; 12-AUG-2009 07:01:09; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;38952
18; 1938.3; 12-AUG-2009 07:03:25; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38952
19; 2134.1; 12-AUG-2009 07:06:41; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38952
20; 2515.8; 12-AUG-2009 07:13:02; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;38952
21; 2707.8; 12-AUG-2009 07:16:14; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38952
22; 3032.0; 12-AUG-2009 07:21:39; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38952
23; 3349.0; 12-AUG-2009 07:26:56; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;38952
24; 3480.3; 12-AUG-2009 07:29:07; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38952

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1; 1230.9; 12-AUG-2009 20:16:25; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;38960
2; 1587.0; 12-AUG-2009 20:22:21; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38960
3; 1802.0; 12-AUG-2009 20:25:56; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38960
4; 1935.7; 12-AUG-2009 20:28:10; Bright; 50.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 100; 0;38960
5; 2130.9; 12-AUG-2009 20:31:25; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;38960
6; 2513.8; 12-AUG-2009 20:37:48; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38960
7; 3029.5; 12-AUG-2009 20:46:24; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38960
8; 3342.5; 12-AUG-2009 20:51:36; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38960
9; 3474.2; 12-AUG-2009 20:53:48; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38960
10; 3903.1; 12-AUG-2009 21:00:57; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;38960
11; 4093.6; 12-AUG-2009 21:04:08; Bright; 47.5; 175; 39Del Per ; 3.01; 19400;occ; 95; 0;38960
12; 4197.0; 12-AUG-2009 21:05:51; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;38960
13; 4544.2; 12-AUG-2009 21:11:38; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;38960
14; 4681.2; 12-AUG-2009 21:13:55; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38960
15; 4873.1; 12-AUG-2009 21:17:07; Dark ; 76.5; 13; 87Alp Tau ; 0.87; 3800;occ; 153; 0;38960
16; 4981.3; 12-AUG-2009 21:18:55; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38960
17; 5097.3; 12-AUG-2009 21:20:51; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;38960
18; 5181.2; 12-AUG-2009 21:22:15; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;38960
19; 5268.2; 12-AUG-2009 21:23:42; Dark ; 47.0; 7; 19Bet Ori ; 0.10; 14000;occ; 94; 0;38960

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1; -767.6; 12-AUG-2009 21:23:42; Dark ; 57.5; 7; 19Bet Ori ; 0.10; 14000;occ; 115; 0;38960
2; -165.8; 12-AUG-2009 21:33:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38960
3; 156.3; 12-AUG-2009 21:39:06; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38961
4; 760.6; 12-AUG-2009 21:49:10; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;38961
5; 1231.7; 12-AUG-2009 21:57:02; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38961
6; 1587.1; 12-AUG-2009 22:02:57; Bright; 62.0; 142; 49Del Cap ; 2.85; 8900;occ; 124; 0;38961
7; 1802.1; 12-AUG-2009 22:06:32; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38961
8; 1935.6; 12-AUG-2009 22:08:45; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38961
9; 2130.4; 12-AUG-2009 22:12:00; Bright; 68.0; 61; 8Eps Peg ; 2.10; 3900;occ; 136; 0;38961
10; 2513.4; 12-AUG-2009 22:18:23; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38961
11; 3029.2; 12-AUG-2009 22:26:59; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38961
12; 3341.9; 12-AUG-2009 22:32:12; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38961
13; 3473.5; 12-AUG-2009 22:34:23; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;38961
14; 3902.5; 12-AUG-2009 22:41:32; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;38961
15; 4093.2; 12-AUG-2009 22:44:43; Bright; 51.5; 175; 39Del Per ; 3.01; 19400;occ; 103; 0;38961
16; 4196.8; 12-AUG-2009 22:46:27; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38961
17; 4544.4; 12-AUG-2009 22:52:14; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38961
18; 4681.3; 12-AUG-2009 22:54:31; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38961
19; 4873.6; 12-AUG-2009 22:57:44; Dark ; 72.5; 13; 87Alp Tau ; 0.87; 3800;occ; 145; 0;38961
20; 4981.8; 12-AUG-2009 22:59:32; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38961
21; 5097.9; 12-AUG-2009 23:01:28; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;38961
22; 5181.6; 12-AUG-2009 23:02:52; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38961
23; 5269.0; 12-AUG-2009 23:04:19; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;38961

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1; -766.9; 12-AUG-2009 23:04:19; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;38961

2; -164.9; 12-AUG-2009 23:14:21; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38961
3; 157.6; 12-AUG-2009 23:19:43; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38962
4; 761.6; 12-AUG-2009 23:29:47; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;38962
5; 1231.7; 12-AUG-2009 23:37:37; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38962
6; 1587.2; 12-AUG-2009 23:43:33; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38962
7; 1801.9; 12-AUG-2009 23:47:08; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38962
8; 1935.1; 12-AUG-2009 23:49:21; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38962
9; 2129.9; 12-AUG-2009 23:52:36; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38962
10; 2513.1; 12-AUG-2009 23:58:59; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38962
11; 3029.0; 13-AUG-2009 00:07:35; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38962
12; 3340.9; 13-AUG-2009 00:12:47; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;38962
13; 3472.8; 13-AUG-2009 00:14:59; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38962
14; 3902.0; 13-AUG-2009 00:22:08; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38962
15; 4092.7; 13-AUG-2009 00:25:18; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38962
16; 4196.7; 13-AUG-2009 00:27:02; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;38962
17; 4544.7; 13-AUG-2009 00:32:50; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38962
18; 4681.7; 13-AUG-2009 00:35:07; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38962
19; 4874.3; 13-AUG-2009 00:38:20; Dark ; 79.0; 13; 87Alp Tau ; 0.87; 3800;occ; 158; 0;38962
20; 4982.3; 13-AUG-2009 00:40:08; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38962
21; 5098.4; 13-AUG-2009 00:42:04; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;38962
22; 5182.1; 13-AUG-2009 00:43:28; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38962
23; 5269.7; 13-AUG-2009 00:44:55; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;38962

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2;-2014.2; 12-AUG-2009 07:38:08; Bright; 29.0; 35; 33Alp Per ; 1.79; 6250;occ; 58; 0;38952
3;-1939.4; 12-AUG-2009 07:39:23; Bright; 76.0; 175; 39Del Per ; 3.01; 19400;occ; 152; 0;38952
4;-1493.2; 12-AUG-2009 07:46:49; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38952
5;-1357.0; 12-AUG-2009 07:49:05; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38952
6;-1167.7; 12-AUG-2009 07:52:15; Dark ; 65.5; 13; 87Alp Tau ; 0.87; 3800;occ; 131; 0;38952
7;-1058.7; 12-AUG-2009 07:54:04; Dark ; 44.0; 27; 24Gam Ori ; 1.64; 26000;occ; 88; 0;38952
8; -942.7; 12-AUG-2009 07:56:00; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38952
9; -859.2; 12-AUG-2009 07:57:23; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38952
10; -773.0; 12-AUG-2009 07:58:49; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;38952
11; -395.7; 12-AUG-2009 08:05:07; Dark ; 49.0; 165; 34Gam Eri ; 2.95; 3200;occ; 98; 0;38952
12; -173.1; 12-AUG-2009 08:08:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38952
13; 147.3; 12-AUG-2009 08:14:10; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38953
14; 753.5; 12-AUG-2009 08:24:16; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38953
15; 1227.7; 12-AUG-2009 08:32:10; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38953
16; 1586.1; 12-AUG-2009 08:38:09; Bright; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;38953

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2; 1937.9; 12-AUG-2009 08:44:00; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38953
3; 2133.6; 12-AUG-2009 08:47:16; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38953
4; 2515.6; 12-AUG-2009 08:53:38; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;38953
5; 2707.6; 12-AUG-2009 08:56:50; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38953
6; 3031.6; 12-AUG-2009 09:02:14; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38953
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 4; 1232.4; 13-AUG-2009 01:18:14; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38963
 5; 1587.1; 13-AUG-2009 01:24:09; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38963
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 7; 1934.6; 13-AUG-2009 01:29:56; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38963
 8; 2129.4; 13-AUG-2009 01:33:11; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;38963
 9; 2512.8; 13-AUG-2009 01:39:34; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;38963
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11; 3340.2; 13-AUG-2009 01:53:22; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38963
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13; 3901.6; 13-AUG-2009 02:02:43; Bright; 61.0; 160; 23Gam Per ; 2.93; 4700;occ; 122; 0;38963
14; 4092.6; 13-AUG-2009 02:05:54; Bright; 66.0; 175; 39Del Per ; 3.01; 19400;occ; 132; 0;38963
15; 4196.8; 13-AUG-2009 02:07:38; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;38963
16; 4544.7; 13-AUG-2009 02:13:26; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38963
17; 4681.9; 13-AUG-2009 02:15:44; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38963
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19; 2128.8; 13-AUG-2009 04:54:22; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;38965
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 22; 3338.0; 13-AUG-2009 06:55:07; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38966
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 3; 1801.2; 13-AUG-2009 19:54:18; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38974
 4; 1931.6; 13-AUG-2009 19:56:29; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38974
 5; 2125.4; 13-AUG-2009 19:59:42; Bright; 67.0; 61; 8Eps Peg ; 2.10; 3900;occ; 134; 0;38974
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 7; 3025.3; 13-AUG-2009 20:14:42; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38974
 8; 3331.4; 13-AUG-2009 20:19:48; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38974
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 13; 4364.6; 13-AUG-2009 20:37:02; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;38974
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 11; 2124.7; 13-AUG-2009 21:40:18; Bright; 67.0; 61; 8Eps Peg ; 2.10; 3900;occ; 134; 0;38975
 12; 2509.9; 13-AUG-2009 21:46:43; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38975
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6; 3337.1; 13-AUG-2009 08:35:43; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38967
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8; 3899.1; 13-AUG-2009 08:45:05; Bright; 52.5; 160; 23Gam Per ; 2.93; 4700;occ; 105; 0;38967
9; 4091.2; 13-AUG-2009 08:48:17; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38967
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12; 4683.0; 13-AUG-2009 08:58:08; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38967
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4; 2511.5; 13-AUG-2009 10:02:33; Bright; 57.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 114; 0;38968
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9; 4090.8; 13-AUG-2009 10:28:52; Bright; 53.0; 175; 39Del Per ; 3.01; 19400;occ; 106; 0;38968
10; 4196.4; 13-AUG-2009 10:30:38; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38968
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13; 4683.4; 13-AUG-2009 10:38:45; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38968
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23; 7271.5; 13-AUG-2009 13:02:29; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38969
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5; 2511.0; 13-AUG-2009 13:23:44; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38970
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7; 3466.9; 13-AUG-2009 13:39:40; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38970
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9; 4090.0; 13-AUG-2009 13:50:03; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38970
10; 4196.4; 13-AUG-2009 13:51:49; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;38970
11; 4364.2; 13-AUG-2009 13:54:37; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;38970
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13; 4683.9; 13-AUG-2009 13:59:57; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38970
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3; 1932.6; 13-AUG-2009 14:54:42; Bright; 50.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 100; 0;38971
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5; 2511.0; 13-AUG-2009 15:04:20; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38971
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6; 2510.6; 13-AUG-2009 16:44:56; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38972
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15; 4684.9; 13-AUG-2009 19:01:46; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38973
16; 4881.3; 13-AUG-2009 19:05:02; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;38973
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6; 1800.9; 14-AUG-2009 00:56:05; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38977
7; 1930.6; 14-AUG-2009 00:58:15; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38977
8; 2124.0; 14-AUG-2009 01:01:29; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38977
9; 2509.2; 14-AUG-2009 01:07:54; Bright; 56.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 112; 0;38977
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13; 3893.7; 14-AUG-2009 01:30:58; Bright; 39.0; 160; 23Gam Per ; 2.93; 4700;occ; 78; 0;38977
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7; 1239.2; 14-AUG-2009 02:27:20; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38978
8; 1588.8; 14-AUG-2009 02:33:09; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38978
9; 1801.1; 14-AUG-2009 02:36:42; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;38978
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12; 2509.0; 14-AUG-2009 02:48:29; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38978
13; 3024.0; 14-AUG-2009 02:57:04; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;38978
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7;-1151.4; 14-AUG-2009 03:28:05; Dark ; 43.0; 13; 87Alp Tau ; 0.87; 3800;occ; 86; 0;38978
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3; 1240.3; 14-AUG-2009 05:48:33; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38980
4; 1589.2; 14-AUG-2009 05:54:22; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38980
5; 1801.0; 14-AUG-2009 05:57:53; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;38980
6; 1929.9; 14-AUG-2009 06:00:02; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38980
7; 2123.1; 14-AUG-2009 06:03:16; Bright; 66.0; 61; 8Eps Peg ; 2.10; 3900;occ; 132; 0;38980
8; 2508.7; 14-AUG-2009 06:09:41; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;38980
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3; 1800.6; 14-AUG-2009 21:03:16; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;38989
4; 1927.4; 14-AUG-2009 21:05:23; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38989
5; 2119.9; 14-AUG-2009 21:08:36; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38989
6; 2511.5; 14-AUG-2009 21:15:07; Bright; 33.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 66; 0;38989
7; 3021.1; 14-AUG-2009 21:23:37; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38989
8; 3319.7; 14-AUG-2009 21:28:36; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38989
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11; 4365.8; 14-AUG-2009 21:46:02; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;38989
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13; 4689.3; 14-AUG-2009 21:51:25; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38989
14; 4924.6; 14-AUG-2009 21:55:21; Dark ; 50.5; 14; 58Alp Ori ; 0.87; 3000;occ; 101; 0;38989
15; 5113.3; 14-AUG-2009 21:58:29; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;38989
16; 5197.9; 14-AUG-2009 21:59:54; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38989
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8; 1800.3; 14-AUG-2009 22:43:52; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38990
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7; 1800.4; 15-AUG-2009 00:24:28; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;38991
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4; 242.0; 18-AUG-2009 00:04:15; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39034
5; 822.7; 18-AUG-2009 00:13:55; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;39034
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16; 4558.4; 18-AUG-2009 01:16:11; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;39034
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3; -1479.6; 17-AUG-2009 06:49:34; Dark ; 54.0; 28; 12Bet Tau ; 1.65; 15200;occ; 108; 0;39023
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13; 1259.0; 17-AUG-2009 07:35:12; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39024
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 7; 4368.3; 17-AUG-2009 08:27:02; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;39024
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 9; 4700.2; 17-AUG-2009 08:32:33; Dark ; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;39024
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 14; 5427.2; 17-AUG-2009 08:44:40; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;39024
 15; 5598.4; 17-AUG-2009 08:47:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39024
 16; 6267.3; 17-AUG-2009 08:58:40; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39024
 17; 6851.4; 17-AUG-2009 09:08:25; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39024
 18; 7295.4; 17-AUG-2009 09:15:49; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;39024
 19; 7630.0; 17-AUG-2009 09:21:23; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;39024

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 3; 2108.5; 17-AUG-2009 09:29:58; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;39025
 4; 3291.8; 17-AUG-2009 09:49:41; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;39025
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 13; 5318.4; 17-AUG-2009 10:23:27; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;39025
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 16; 6268.4; 17-AUG-2009 10:39:18; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;39025
 17; 6852.1; 17-AUG-2009 10:49:01; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39025
 18; 7295.7; 17-AUG-2009 10:56:25; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;39025
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 4; 3290.8; 17-AUG-2009 11:30:16; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39026
 5; 3424.7; 17-AUG-2009 11:32:30; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39026
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 11; 5136.0; 17-AUG-2009 12:01:01; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;39026
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 13; 5319.1; 17-AUG-2009 12:04:04; Dark ; 55.0; 7; 19Bet Ori ; 0.10; 14000;occ; 110; 0;39026
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 16; 6269.5; 17-AUG-2009 12:19:54; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39026
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 5; 3290.1; 17-AUG-2009 13:10:51; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39027
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 17; 4567.4; 20-AUG-2009 23:41:29; Dark ; 57.0; 28; 12Bet Tau ; 1.65; 15200;occ; 114; 0;39076
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 4; 293.9; 21-AUG-2009 00:10:51; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39077
 5; 856.3; 21-AUG-2009 00:20:13; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39077
 6; 1279.3; 21-AUG-2009 00:27:17; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39077
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 9; 1908.7; 21-AUG-2009 00:37:46; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;39077
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 12; 3252.3; 21-AUG-2009 01:00:09; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39077
 13; 3386.1; 21-AUG-2009 01:02:23; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;39077
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 18; 4965.4; 21-AUG-2009 01:28:43; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;39077
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 12; 281.9; 20-AUG-2009 07:24:40; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39067
 13; 848.9; 20-AUG-2009 07:34:07; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;39067
 14; 1275.9; 20-AUG-2009 07:41:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39067
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 5; 3393.6; 20-AUG-2009 08:16:32; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39067

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 5; 888.0; 24-AUG-2009 00:26:30; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39120
 6; 1294.4; 24-AUG-2009 00:33:16; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39120
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 13; 4374.2; 24-AUG-2009 01:24:36; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;39120
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 11; 2569.9; 24-AUG-2009 02:35:08; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;39121
 12; 3219.9; 24-AUG-2009 02:45:58; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39121
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3; 2567.1; 24-AUG-2009 09:17:29; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39125
4; 3217.2; 24-AUG-2009 09:28:19; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39125
5; 3350.3; 24-AUG-2009 09:30:32; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39125
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8; 4654.9; 24-AUG-2009 09:52:17; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;39125
9; 4754.2; 24-AUG-2009 09:53:56; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;39125
10; 4992.2; 24-AUG-2009 09:57:54; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;39125
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13; 5326.9; 24-AUG-2009 10:03:29; Dark ; 48.5; 56; 53Kap Ori ; 2.07; 30000;occ; 97; 0;39125
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9; 1303.7; 25-AUG-2009 21:49:36; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;39147
10; 1900.4; 25-AUG-2009 21:59:32; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;39147
11; 2083.1; 25-AUG-2009 22:02:35; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39147
12; 2551.8; 25-AUG-2009 22:10:24; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;39147
13; 3201.7; 25-AUG-2009 22:21:14; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39147
14; 3334.2; 25-AUG-2009 22:23:26; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39147
15; 4174.8; 25-AUG-2009 22:37:27; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;39147
16; 4375.5; 25-AUG-2009 22:40:47; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;39147
17; 4583.5; 25-AUG-2009 22:44:15; Dark ; 57.5; 28; 12Bet Tau ; 1.65; 15200;occ; 115; 0;39147
18; 4761.4; 25-AUG-2009 22:47:13; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39147
19; 5005.5; 25-AUG-2009 22:51:17; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;39147
20; 5110.5; 25-AUG-2009 22:53:02; Dark ; 61.0; 27; 24Gam Ori ; 1.64; 26000;occ; 122; 0;39147
21; 5227.8; 25-AUG-2009 22:55:00; Dark ; 59.5; 30; 46Eps Ori ; 1.69; 30000;occ; 119; 0;39147
22; 5345.0; 25-AUG-2009 22:56:57; Dark ; 37.0; 56; 53Kap Ori ; 2.07; 30000;occ; 74; 0;39147

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 4; -330.5; 25-AUG-2009 23:02:57; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39147
 5; 381.2; 25-AUG-2009 23:14:49; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;39148
 6; 907.5; 25-AUG-2009 23:23:35; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;39148
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 8; 1900.3; 25-AUG-2009 23:40:08; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;39148
 9; 2083.1; 25-AUG-2009 23:43:11; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;39148
 10; 2551.0; 25-AUG-2009 23:50:59; Bright; 44.5; 164; 44Eta Peg ; 2.95; 5400;occ; 89; 0;39148
 11; 3201.0; 26-AUG-2009 00:01:49; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39148
 12; 3333.5; 26-AUG-2009 00:04:01; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39148
 13; 4174.7; 26-AUG-2009 00:18:03; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;39148
 14; 4375.5; 26-AUG-2009 00:21:23; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;39148
 15; 4583.7; 26-AUG-2009 00:24:51; Dark ; 61.5; 28; 12Bet Tau ; 1.65; 15200;occ; 123; 0;39148
 16; 4761.7; 26-AUG-2009 00:27:49; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;39148
 17; 5006.1; 26-AUG-2009 00:31:54; Dark ; 65.5; 14; 58Alp Ori ; 0.87; 3000;occ; 131; 0;39148
 18; 5111.4; 26-AUG-2009 00:33:39; Dark ; 61.5; 27; 24Gam Ori ; 1.64; 26000;occ; 123; 0;39148
 19; 5228.7; 26-AUG-2009 00:35:37; Dark ; 57.0; 30; 46Eps Ori ; 1.69; 30000;occ; 114; 0;39148

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 3; 2554.3; 25-AUG-2009 15:28:02; Bright; 69.0; 164; 44Eta Peg ; 2.95; 5400;occ; 138; 0;39143
 4; 3204.6; 25-AUG-2009 15:38:53; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39143
 5; 3337.3; 25-AUG-2009 15:41:05; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39143
 6; 4175.7; 25-AUG-2009 15:55:04; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;39143
 7; 4375.4; 25-AUG-2009 15:58:23; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39143
 8; 4582.8; 25-AUG-2009 16:01:51; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39143
 9; 4760.1; 25-AUG-2009 16:04:48; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39143
 10; 5003.1; 25-AUG-2009 16:08:51; Dark ; 60.5; 14; 58Alp Ori ; 0.87; 3000;occ; 121; 0;39143
 11; 5107.0; 25-AUG-2009 16:10:35; Dark ; 63.0; 27; 24Gam Ori ; 1.64; 26000;occ; 126; 0;39143
 12; 5223.9; 25-AUG-2009 16:12:32; Dark ; 52.0; 33; 50Zet Ori ; 1.77; 30000;occ; 104; 0;39143
 13; 5315.2; 25-AUG-2009 16:14:03; Dark ; 50.0; 125; 44Tot Ori ; 2.77; 30000;occ; 100; 0;39143
 14; 5409.3; 25-AUG-2009 16:15:37; Dark ; 60.0; 128; 67Bet Eri ; 2.78; 9700;occ; 120; 0;39143
 15; 5525.1; 25-AUG-2009 16:17:33; Dark ; 49.5; 101; 11Alp Lep ; 2.58; 7000;occ; 99; 0;39143
 16; 5701.6; 25-AUG-2009 16:20:30; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39143
 17; 6412.2; 25-AUG-2009 16:32:20; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39143
 18; 6940.8; 25-AUG-2009 16:41:09; Dark ; 57.5; 84; Alp Phe ; 2.40; 4500;occ; 115; 0;39143

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 4; 2553.9; 25-AUG-2009 17:08:38; Bright; 69.0; 164; 44Eta Peg ; 2.95; 5400;occ; 138; 0;39144
 5; 3203.8; 25-AUG-2009 17:19:28; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39144
 6; 3336.4; 25-AUG-2009 17:21:41; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39144
 7; 4175.5; 25-AUG-2009 17:35:40; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39144
 8; 4375.4; 25-AUG-2009 17:39:00; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39144
 9; 4583.0; 25-AUG-2009 17:42:27; Dark ; 61.0; 28; 12Bet Tau ; 1.65; 15200;occ; 122; 0;39144
 10; 4760.5; 25-AUG-2009 17:45:25; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39144
 11; 5003.9; 25-AUG-2009 17:49:28; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;39144
 12; 5107.8; 25-AUG-2009 17:51:12; Dark ; 59.5; 27; 24Gam Ori ; 1.64; 26000;occ; 119; 0;39144
 13; 5225.2; 25-AUG-2009 17:53:09; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;39144
 14; 5342.5; 25-AUG-2009 17:55:07; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39144
 15; 5437.2; 25-AUG-2009 17:56:41; Dark ; 75.0; 7; 19Bet Ori ; 0.10; 14000;occ; 150; 0;39144
 16; 5586.7; 25-AUG-2009 17:59:11; Dark ; 52.5; 139; 9Bet Lep ; 2.83; 5600;occ; 105; 0;39144
 17; 5702.6; 25-AUG-2009 18:01:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39144
 18; 6413.5; 25-AUG-2009 18:12:58; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;39144
 19; 6941.6; 25-AUG-2009 18:21:46; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;39144

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 3; 2083.6; 25-AUG-2009 18:41:24; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;39145
 4; 2553.1; 25-AUG-2009 18:49:13; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39145
 5; 3203.3; 25-AUG-2009 19:00:03; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39145
 6; 3335.8; 25-AUG-2009 19:02:16; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39145
 7; 4175.2; 25-AUG-2009 19:16:15; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;39145
 8; 4375.5; 25-AUG-2009 19:19:36; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;39145

9; 4583.2; 25-AUG-2009 19:23:03; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39145
 10; 4760.8; 25-AUG-2009 19:26:01; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39145
 11; 5004.3; 25-AUG-2009 19:30:04; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;39145
 12; 5108.7; 25-AUG-2009 19:31:49; Dark ; 64.0; 27; 24Gam Ori ; 1.64; 26000;occ; 128; 0;39145
 13; 5226.2; 25-AUG-2009 19:33:46; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39145
 14; 5343.4; 25-AUG-2009 19:35:44; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39145
 15; 5438.4; 25-AUG-2009 19:37:19; Dark ; 66.0; 7; 19Bet Ori ; 0.10; 14000;occ; 132; 0;39145
 16; 5587.5; 25-AUG-2009 19:39:48; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;39145
 17; 5703.5; 25-AUG-2009 19:41:44; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39145
 18; 6414.6; 25-AUG-2009 19:53:35; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39145
 19; 6942.1; 25-AUG-2009 20:02:22; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;39145

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 3; -594.0; 26-AUG-2009 00:39:10; Dark ; 68.0; 7; 19Bet Ori ; 0.10; 14000;occ; 136; 0;39148
 4; -445.5; 26-AUG-2009 00:41:38; Dark ; 49.5; 139; 9Bet Lep ; 2.83; 5600;occ; 99; 0;39148
 5; -329.5; 26-AUG-2009 00:43:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39148
 6; 382.5; 26-AUG-2009 00:55:26; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39149
 7; 908.0; 26-AUG-2009 01:04:12; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;39149
 8; 1304.2; 26-AUG-2009 01:10:48; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;39149
 9; 1900.2; 26-AUG-2009 01:20:44; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39149
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 13; 3332.8; 26-AUG-2009 01:44:36; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39149
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 16; 4584.1; 26-AUG-2009 02:05:28; Dark ; 62.0; 28; 12Bet Tau ; 1.65; 15200;occ; 124; 0;39149
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 4; -689.1; 26-AUG-2009 02:18:10; Dark ; 52.5; 56; 53Kap Ori ; 2.07; 30000;occ; 105; 0;39149
 5; -592.6; 26-AUG-2009 02:19:47; Dark ; 74.5; 7; 19Bet Ori ; 0.10; 14000;occ; 149; 0;39149
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 7; -328.5; 26-AUG-2009 02:24:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39149
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 9; 908.8; 26-AUG-2009 02:44:48; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;39150
 10; 1304.5; 26-AUG-2009 02:51:24; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;39150
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 12; 2083.0; 26-AUG-2009 03:04:22; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39150
 13; 2549.9; 26-AUG-2009 03:12:09; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39150
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 3; -1451.6; 26-AUG-2009 03:46:04; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39150
 4; -1273.6; 26-AUG-2009 03:49:02; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39150
 5; -1028.4; 26-AUG-2009 03:53:07; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;39150
 6; -922.7; 26-AUG-2009 03:54:53; Dark ; 64.0; 27; 24Gam Ori ; 1.64; 26000;occ; 128; 0;39150
 7; -805.3; 26-AUG-2009 03:56:50; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39150
 8; -688.3; 26-AUG-2009 03:58:47; Dark ; 52.5; 56; 53Kap Ori ; 2.07; 30000;occ; 105; 0;39150
 9; -591.4; 26-AUG-2009 04:00:24; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39150
 10; -443.5; 26-AUG-2009 04:02:52; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;39150
 11; -327.5; 26-AUG-2009 04:04:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39150
 12; 384.9; 26-AUG-2009 04:16:40; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39151
 13; 909.5; 26-AUG-2009 04:25:25; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;39151
 14; 1304.9; 26-AUG-2009 04:32:00; Dark ; 46.5; 18; 24Alp PsA ; 1.17; 9700;occ; 93; 0;39151
 15; 1900.1; 26-AUG-2009 04:41:56; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39151
 16; 2082.8; 26-AUG-2009 04:44:58; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;39151
 17; 2549.1; 26-AUG-2009 04:52:45; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39151
 18; 3199.0; 26-AUG-2009 05:03:35; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39151
 19; 3331.4; 26-AUG-2009 05:05:47; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39151

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4;-1273.4; 26-AUG-2009 05:29:38; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39151
5;-1027.8; 26-AUG-2009 05:33:44; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;39151
6; -921.9; 26-AUG-2009 05:35:30; Dark ; 65.0; 27; 24Gam Ori ; 1.64; 26000;occ; 130; 0;39151
7; -804.6; 26-AUG-2009 05:37:27; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;39151
8; -687.6; 26-AUG-2009 05:39:24; Dark ; 51.5; 56; 53Kap Ori ; 2.07; 30000;occ; 103; 0;39151
9; -590.2; 26-AUG-2009 05:41:01; Dark ; 69.0; 7; 19Bet Ori ; 0.10; 14000;occ; 138; 0;39151
10; -442.6; 26-AUG-2009 05:43:29; Dark ; 49.0; 139; 9Bet Lep ; 2.83; 5600;occ; 98; 0;39151
11; -326.5; 26-AUG-2009 05:45:25; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39151
12; 386.1; 26-AUG-2009 05:57:18; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39152
13; 910.3; 26-AUG-2009 06:06:02; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39152
14; 1305.3; 26-AUG-2009 06:12:37; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;39152
15; 1900.0; 26-AUG-2009 06:22:31; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;39152
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18; 3198.4; 26-AUG-2009 06:44:10; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39152
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4; 3197.8; 26-AUG-2009 08:24:45; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39153
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7; 4375.7; 26-AUG-2009 10:24:59; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39154
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9; 5010.6; 26-AUG-2009 12:16:10; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;39155
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 6; 3285.2; 30-AUG-2009 16:23:20; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39215
 7; 4160.9; 30-AUG-2009 16:37:55; Bright; 61.5; 6; 13Alp Aur ; 0.08; 3400;occ; 123; 0;39215
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 11; 5053.4; 30-AUG-2009 16:52:48; Dark ; 69.5; 14; 58Alp Ori ; 0.87; 3000;occ; 139; 0;39215
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 13; 5436.1; 30-AUG-2009 16:59:11; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39215
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 15; 5776.8; 30-AUG-2009 17:04:51; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39215
 16; 6500.3; 30-AUG-2009 17:16:55; Dark ; 56.0; 157; The1Eri ; 2.91; 9300;occ; 112; 0;39215
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6; 4158.4; 31-AUG-2009 07:43:16; Bright; 63.5; 6; 13Alp Aur ; 0.08; 3400;occ; 127; 0;39224
7; 4378.1; 31-AUG-2009 07:46:56; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39224

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8; 4683.6; 31-AUG-2009 07:52:02; Dark ; 59.0; 151; 13Mu Gem ; 2.89; 3000;occ; 118; 0;39224
 9; 4788.4; 31-AUG-2009 07:53:46; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;39224
 10; 5060.4; 31-AUG-2009 07:58:18; Dark ; 77.0; 14; 58Alp Ori ; 0.87; 3000;occ; 154; 0;39224
 11; 5307.1; 31-AUG-2009 08:02:25; Dark ; 64.0; 30; 46Eps Ori ; 1.69; 30000;occ; 128; 0;39224
 12; 5442.8; 31-AUG-2009 08:04:41; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39224
 13; 5610.4; 31-AUG-2009 08:07:28; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39224
 14; 5786.8; 31-AUG-2009 08:10:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39224
 15; 6511.6; 31-AUG-2009 08:22:30; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39224
 16; 6992.5; 31-AUG-2009 08:30:30; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;39224
 17; 7363.0; 31-AUG-2009 08:36:41; Dark ; 45.0; 18; 24Alp PsA ; 1.17; 9700;occ; 90; 0;39224

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

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

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

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

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

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