

GOMOS Daily Report 19-MAY-2008

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	21MAY2008 05:32:14
Data source version	GOMOS/5.00
Start time of products	QDS_YESTERDAY(/START)-1D (19MAY2008 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP)-1D (20MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	49
Nb of prods with errors	0

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

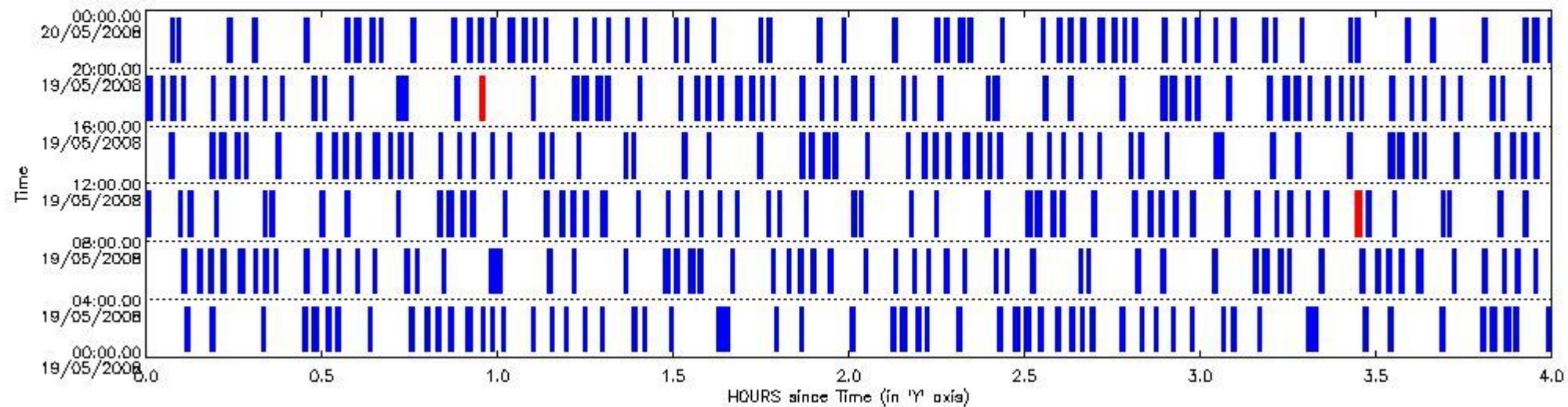
2.1 Level 0 products arrived in PCF (see template [here](#))

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)

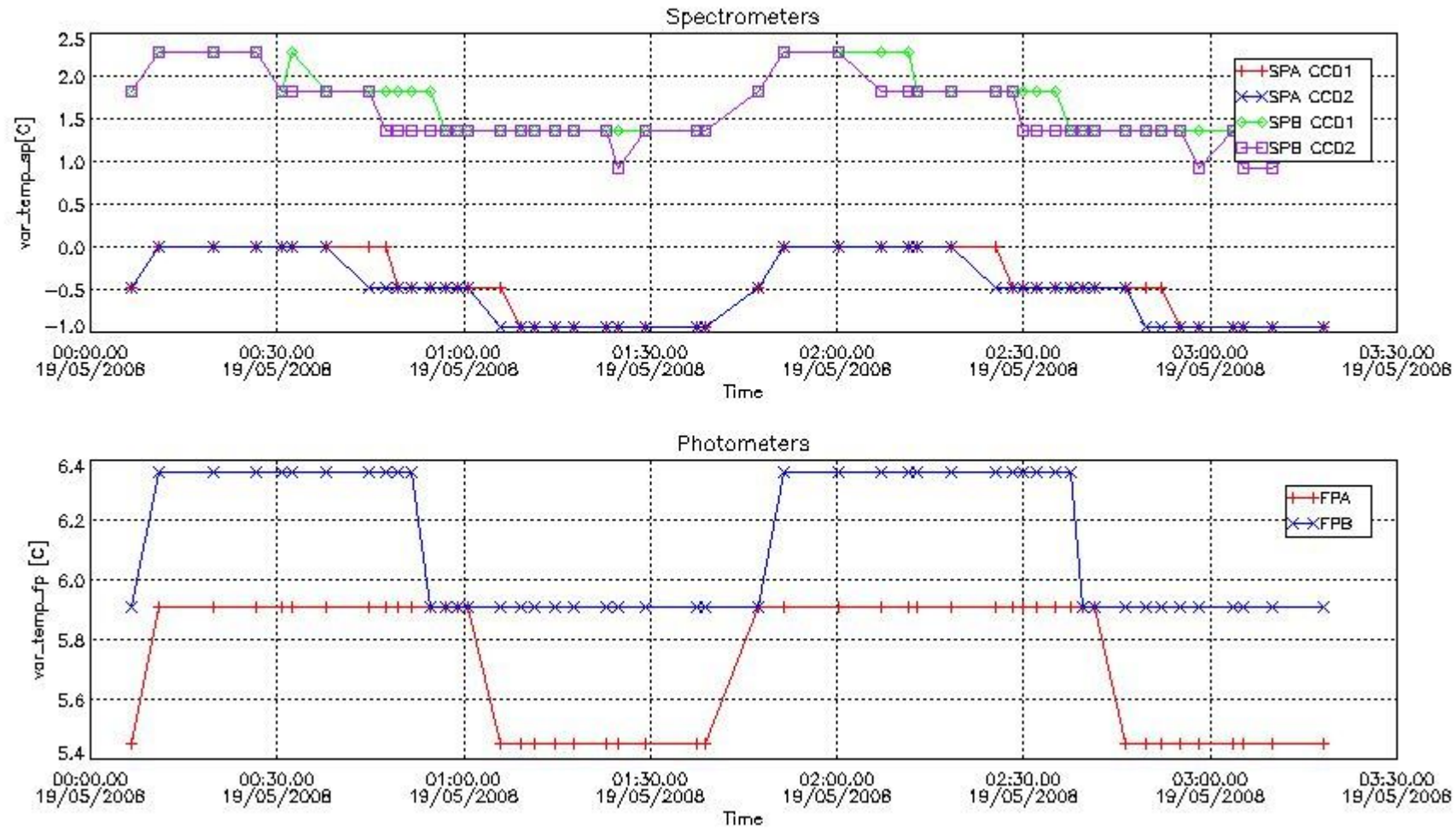
UTC start time	Star name	Star ID	Orbit
19-MAY-2008 11:26:32	14EtaDra	119	32513
19-MAY-2008 16:56:53	88GamPeg	140	32516

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_1PNPDE20080519_000637_000000452068_00388_32506_7058.N1	19-MAY-2008 00:06:37	Twilight_stray	45.000	58	21Alp And	2.0730	11000.	90	32506	No
2	GOM_TRA_1PNPDE20080519_001053_000000432068_00388_32506_7059.N1	19-MAY-2008 00:10:53	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	32506	No
3	GOM_TRA_1PNPDE20080519_001938_000000452068_00388_32506_7185.N1	19-MAY-2008 00:19:38	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32506	No
4	GOM_TRA_1PNPDE20080519_002634_000000522068_00388_32506_7186.N1	19-MAY-2008 00:26:34	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	32506	No
5	GOM_TRA_1PNPDE20080519_003047_000000492068_00388_32506_7187.N1	19-MAY-2008 00:30:47	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32506	No
6	GOM_TRA_1PNPDE20080519_003221_000000432068_00389_32507_7188.N1	19-MAY-2008 00:32:21	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32507	No
7	GOM_TRA_1PNPDE20080519_003751_000000402068_00389_32507_7189.N1	19-MAY-2008 00:37:51	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32507	No
8	GOM_TRA_1PNPDE20080519_004452_000000452068_00389_32507_7190.N1	19-MAY-2008 00:44:52	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	32507	No
9	GOM_TRA_1PNPDE20080519_004732_000000502068_00389_32507_7191.N1	19-MAY-2008 00:47:32	Straylight	49.500	40	The Sco	1.8590	7100.0	99	32507	No

10	GOM_TRA_1PNPDE20080519_004924_000000532068_00389_32507_7192.N1	19-MAY-2008 00:49:24	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	32507	No
11	GOM_TRA_1PNPDE20080519_005136_000000492068_00389_32507_7193.N1	19-MAY-2008 00:51:36	Twilight_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	32507	No
12	GOM_TRA_1PNPDE20080519_005435_000000632068_00389_32507_7194.N1	19-MAY-2008 00:54:35	Twilight_stray	63.000	16	21Alp Sco	1.0200	3000.0	126	32507	No
13	GOM_TRA_1PNPDE20080519_005705_000000442068_00389_32507_7195.N1	19-MAY-2008 00:57:05	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32507	No
14	GOM_TRA_1PNPDE20080519_005853_000000372068_00389_32507_7196.N1	19-MAY-2008 00:58:53	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32507	No
15	GOM_TRA_1PNPDE20080519_010040_000000372068_00389_32507_7197.N1	19-MAY-2008 01:00:40	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	32507	No
16	GOM_TRA_1PNPDE20080519_010546_000000422068_00389_32507_7198.N1	19-MAY-2008 01:05:46	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	32507	No
17	GOM_TRA_1PNPDE20080519_010905_000000362068_00389_32507_7199.N1	19-MAY-2008 01:09:05	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32507	No
18	GOM_TRA_1PNPDE20080519_011125_000000382068_00389_32507_7200.N1	19-MAY-2008 01:11:25	Bright	38.000	83		2.3780	11000.	76	32507	No
19	GOM_TRA_1PNPDE20080519_011435_000000362068_00389_32507_7201.N1	19-MAY-2008 01:14:35	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32507	No
20	GOM_TRA_1PNPDE20080519_011736_000000332068_00389_32507_7202.N1	19-MAY-2008 01:17:36	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	32507	No
21	GOM_TRA_1PNPDE20080519_012301_000000412068_00389_32507_7203.N1	19-MAY-2008 01:23:01	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32507	No
22	GOM_TRA_1PNPDE20080519_012448_000000382068_00389_32507_7204.N1	19-MAY-2008 01:24:48	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32507	No
23	GOM_TRA_1PNPDE20080519_012916_000000362068_00389_32507_7205.N1	19-MAY-2008 01:29:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32507	No
24	GOM_TRA_1PNPDE20080519_013728_000000532068_00389_32507_7206.N1	19-MAY-2008 01:37:28	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32507	No
25	GOM_TRA_1PNPDE20080519_013841_000000482068_00389_32507_7207.N1	19-MAY-2008 01:38:41	Bright	47.500	68	18Alp Cas	2.2250	4500.0	95	32507	No
26	GOM_TRA_1PNPDE20080519_014713_000000462068_00389_32507_7208.N1	19-MAY-2008 01:47:13	Twilight_stray	46.000	58	21Alp And	2.0730	11000.	92	32507	No
27	GOM_TRA_1PNPDE20080519_015129_000000432068_00389_32507_7209.N1	19-MAY-2008 01:51:29	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	32507	No
28	GOM_TRA_1PNPDE20080519_020015_000000452068_00389_32507_7335.N1	19-MAY-2008 02:00:15	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32507	No
29	GOM_TRA_1PNPDE20080519_020711_000000512068_00389_32507_7336.N1	19-MAY-2008 02:07:11	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	32507	No
30	GOM_TRA_1PNPDE20080519_021123_000000552068_00389_32507_7337.N1	19-MAY-2008 02:11:23	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	32507	No
31	GOM_TRA_1PNPDE20080519_021258_000000442068_00390_32508_7338.N1	19-MAY-2008 02:12:58	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32508	No
32	GOM_TRA_1PNPDE20080519_021827_000000432068_00390_32508_7339.N1	19-MAY-2008 02:18:27	Dark	43.000	45	Alp Pav	1.9400	26000.	86	32508	No
33	GOM_TRA_1PNPDE20080519_022529_000000432068_00390_32508_7340.N1	19-MAY-2008 02:25:29	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	32508	No
34	GOM_TRA_1PNPDE20080519_022809_000000552068_00390_32508_7341.N1	19-MAY-2008 02:28:09	Straylight	54.500	40	The Sco	1.8590	7100.0	109	32508	No
35	GOM_TRA_1PNPDE20080519_023000_000000532068_00390_32508_7342.N1	19-MAY-2008 02:30:00	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	32508	No
36	GOM_TRA_1PNPDE20080519_023212_000000512068_00390_32508_7343.N1	19-MAY-2008 02:32:12	Twilight_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	32508	No
37	GOM_TRA_1PNPDE20080519_023511_000000572068_00390_32508_7344.N1	19-MAY-2008 02:35:11	Twilight_stray	57.000	16	21Alp Sco	1.0200	3000.0	114	32508	No
38	GOM_TRA_1PNPDE20080519_023741_000000432068_00390_32508_7345.N1	19-MAY-2008 02:37:41	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32508	No
39	GOM_TRA_1PNPDE20080519_023929_000000372068_00390_32508_7346.N1	19-MAY-2008 02:39:29	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32508	No
40	GOM_TRA_1PNPDE20080519_024116_000000392068_00390_32508_7347.N1	19-MAY-2008 02:41:16	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32508	No
41	GOM_TRA_1PNPDE20080519_024621_000000432068_00390_32508_7348.N1	19-MAY-2008 02:46:21	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	32508	No
42	GOM_TRA_1PNPDE20080519_024941_000000372068_00390_32508_7349.N1	19-MAY-2008 02:49:41	Bright	36.500	3	16Alp Boo	-0.050000	4250.0	73	32508	No
43	GOM_TRA_1PNPDE20080519_025201_000000382068_00390_32508_7350.N1	19-MAY-2008 02:52:01	Bright	37.500	83		2.3780	11000.	75	32508	No
44	GOM_TRA_1PNPDE20080519_025510_000000352068_00390_32508_7351.N1	19-MAY-2008 02:55:10	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32508	No
45	GOM_TRA_1PNPDE20080519_025812_000000362068_00390_32508_7352.N1	19-MAY-2008 02:58:12	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32508	No
46	GOM_TRA_1PNPDE20080519_030336_000000372068_00390_32508_7353.N1	19-MAY-2008 03:03:36	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	32508	No
47	GOM_TRA_1PNPDE20080519_030524_000000342068_00390_32508_7354.N1	19-MAY-2008 03:05:24	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32508	No
48	GOM_TRA_1PNPDE20080519_030952_000000362068_00390_32508_7355.N1	19-MAY-2008 03:09:52	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32508	No
49	GOM_TRA_1PNPDE20080519_031804_000000532068_00390_32508_7478.N1	19-MAY-2008 03:18:04	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32508	No

3. Plot of GOMOS spectrometers and photometers temperatures from level 1b data



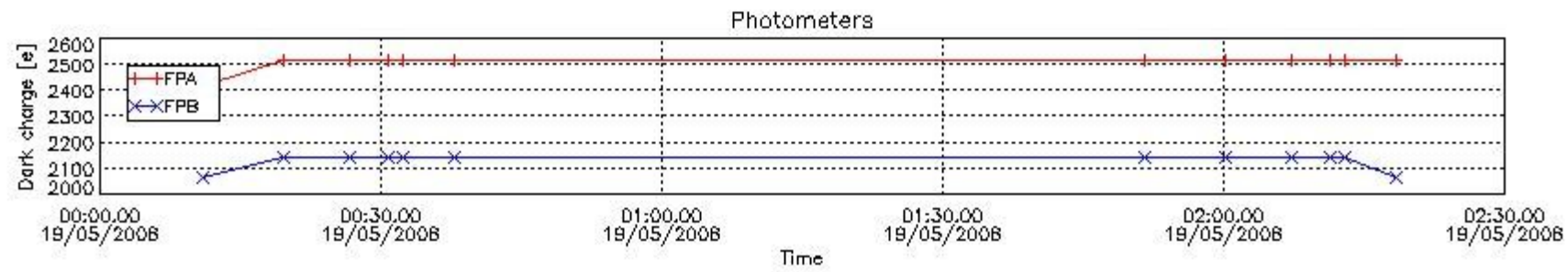
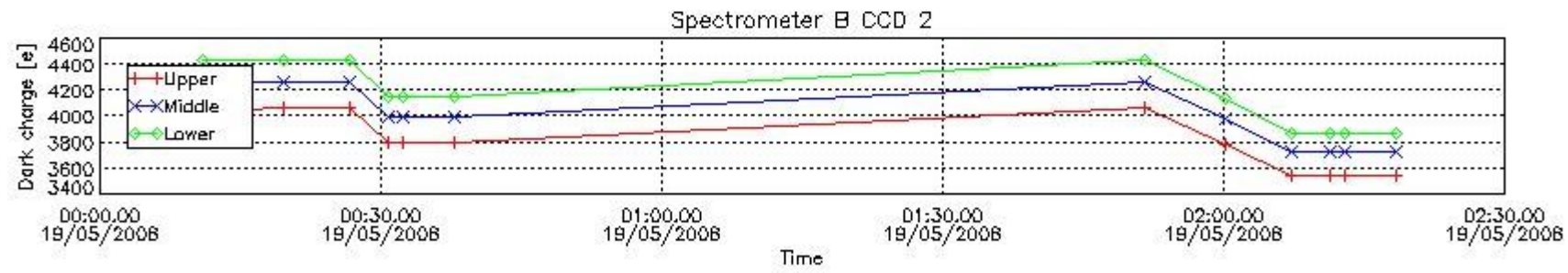
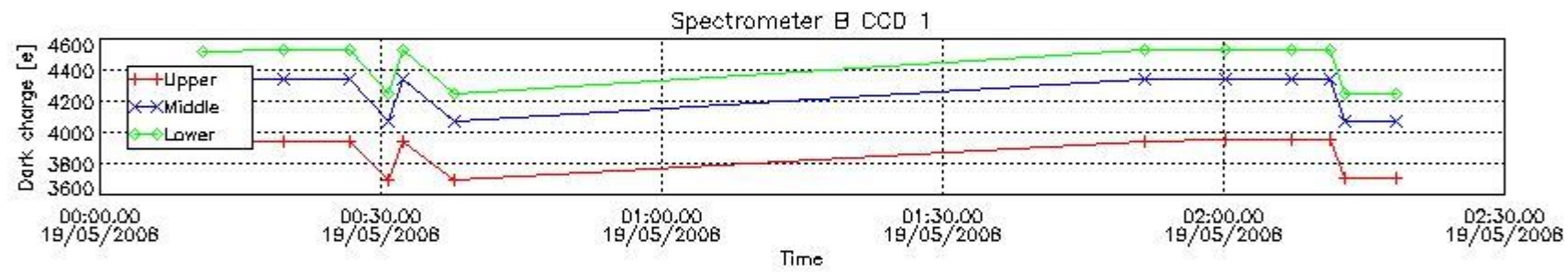
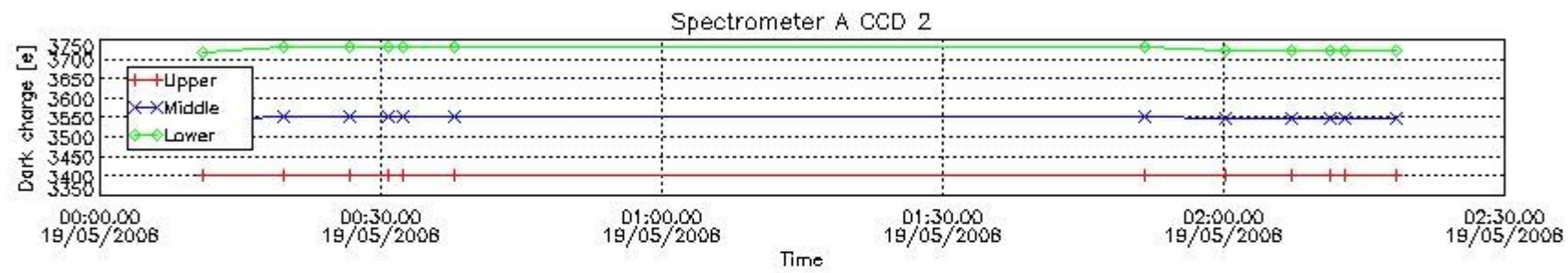
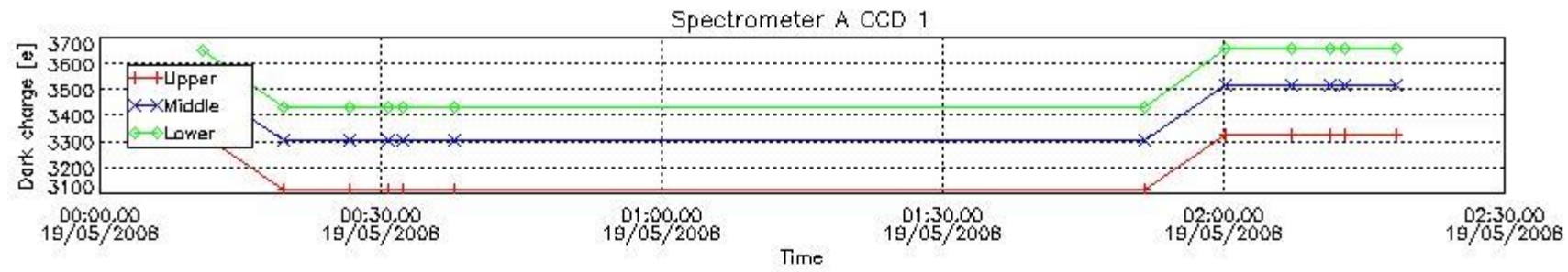
4. Overview of dark signal processing per product

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 All products used the DSA observation for the DC computation

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



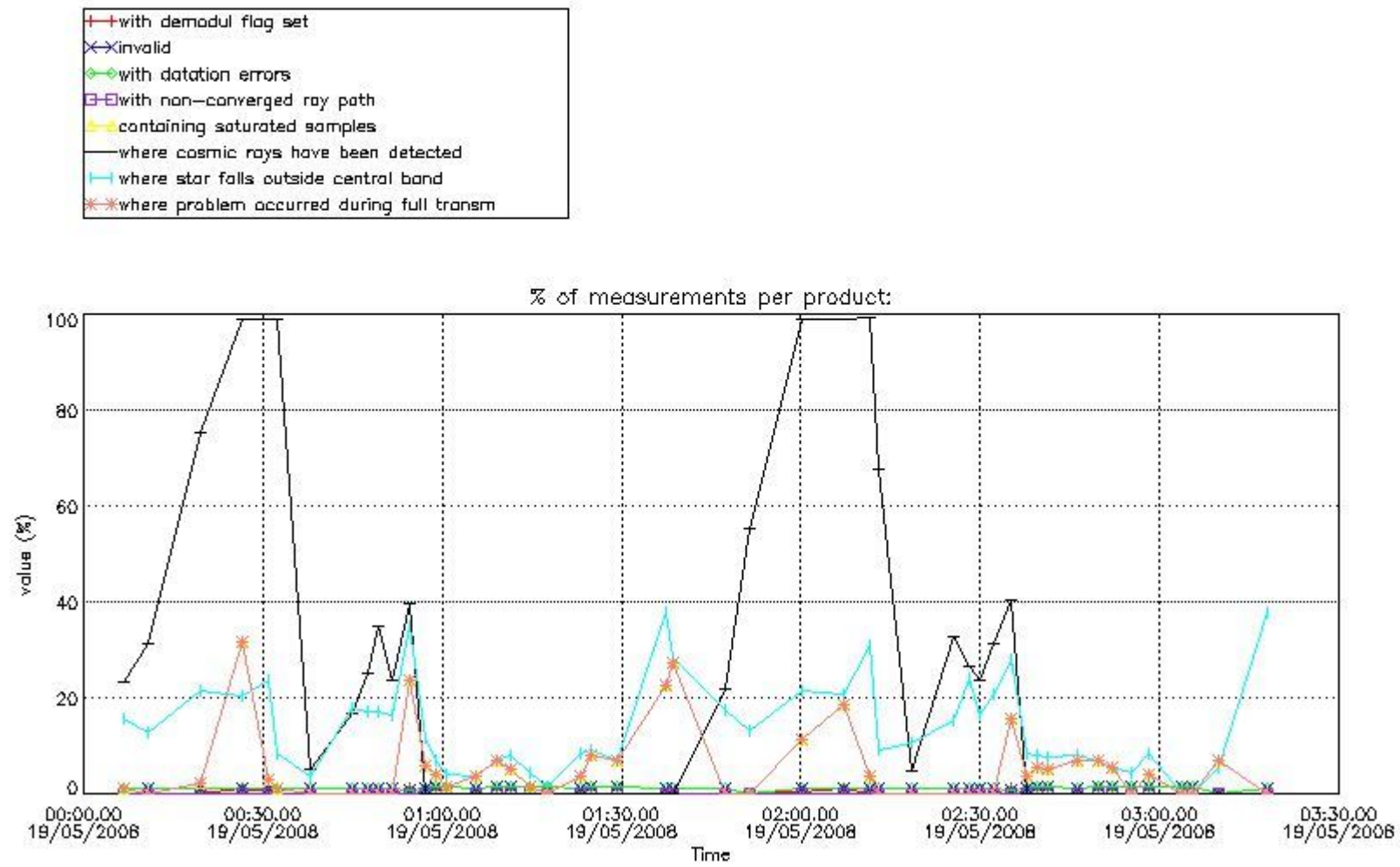
5. Demodulation flag and quality information monitoring

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.

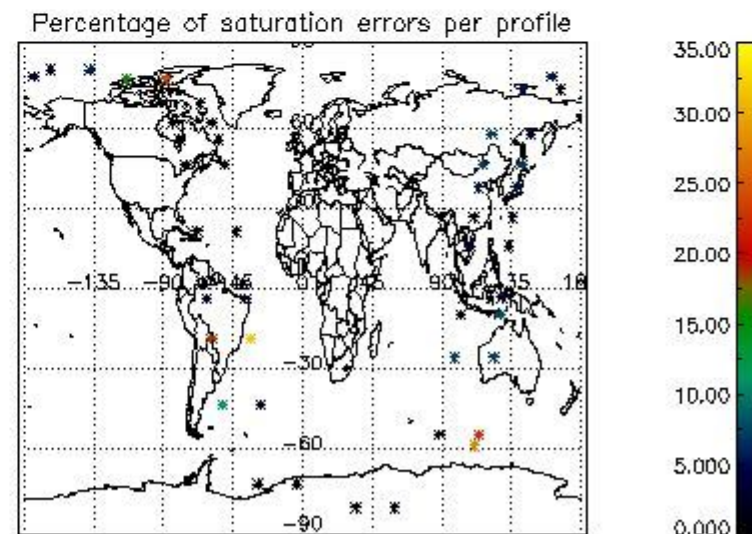
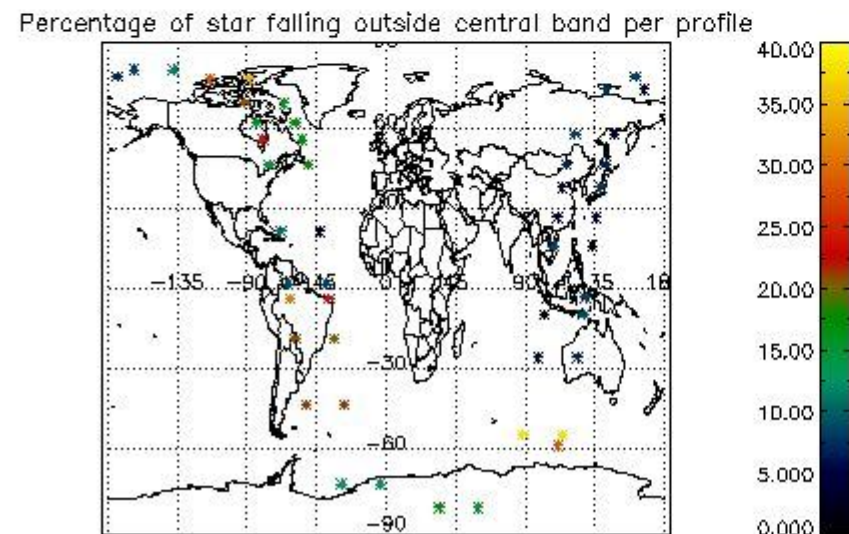
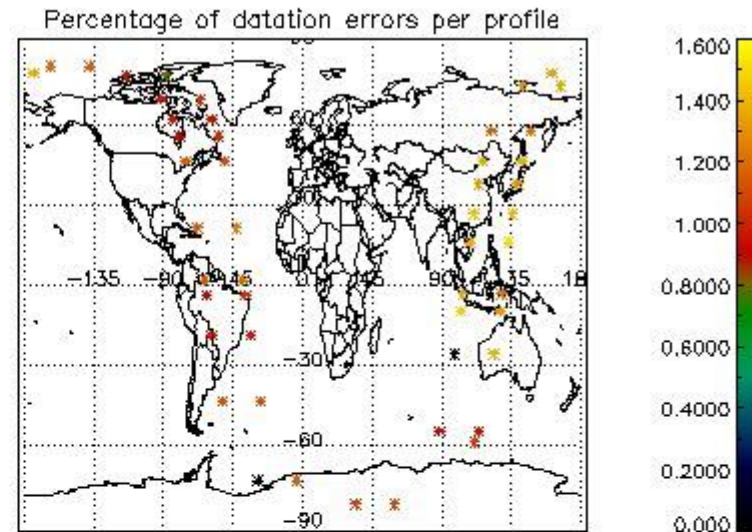
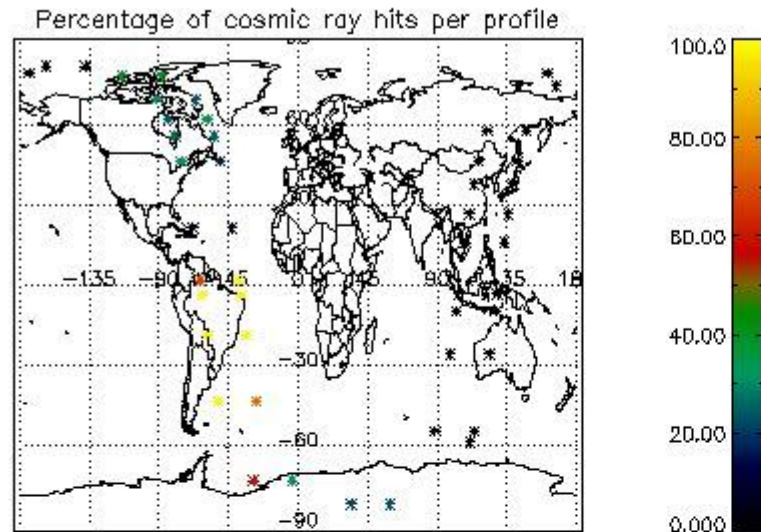
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	32.6531 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



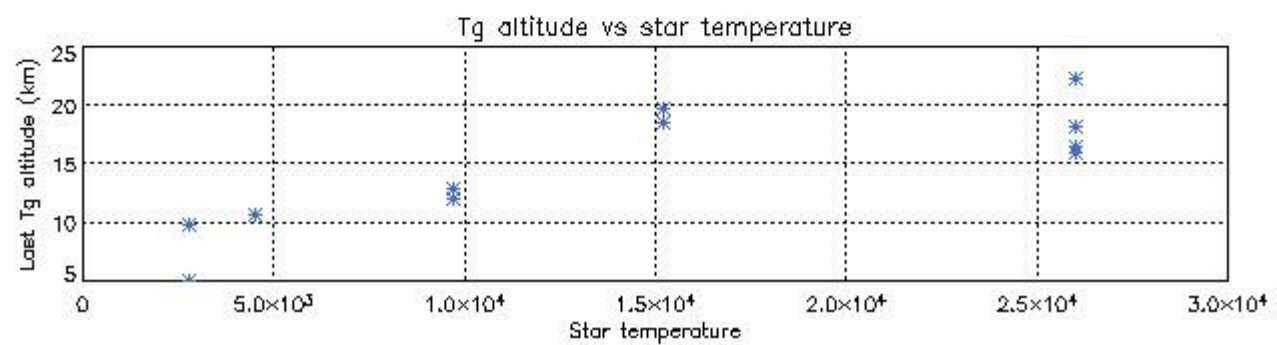
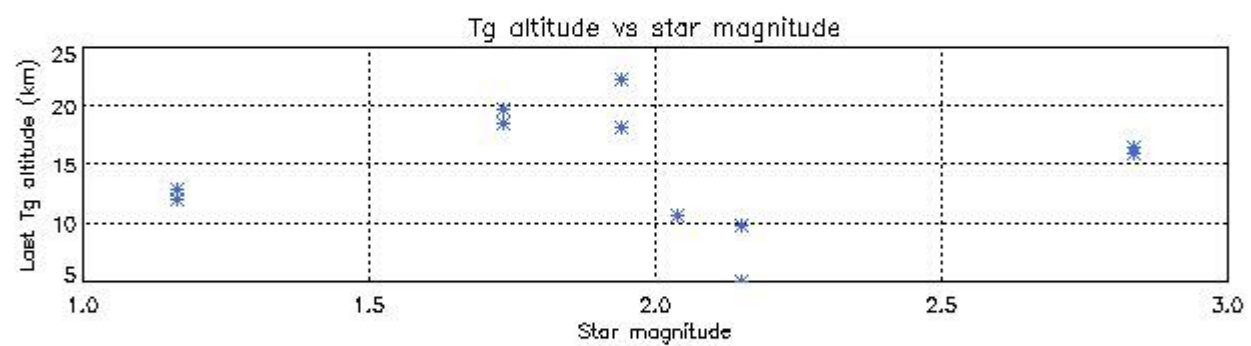
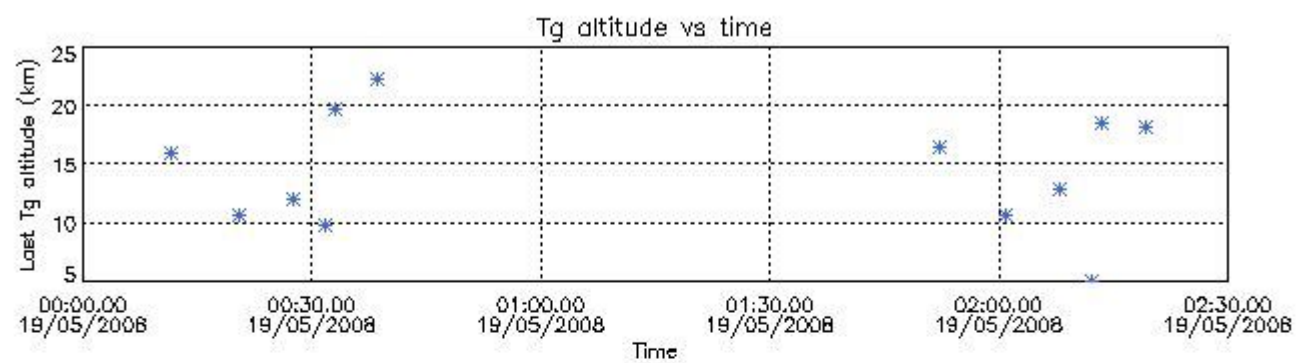
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.338	19.507	NaN
St. deviation:	4.9538	5.9514	NaN
Maximum:	22.228	29.429	NaN
Minimum:	5.0489	3.7997	NaN
Number of data:	12.000	25.000	NaN

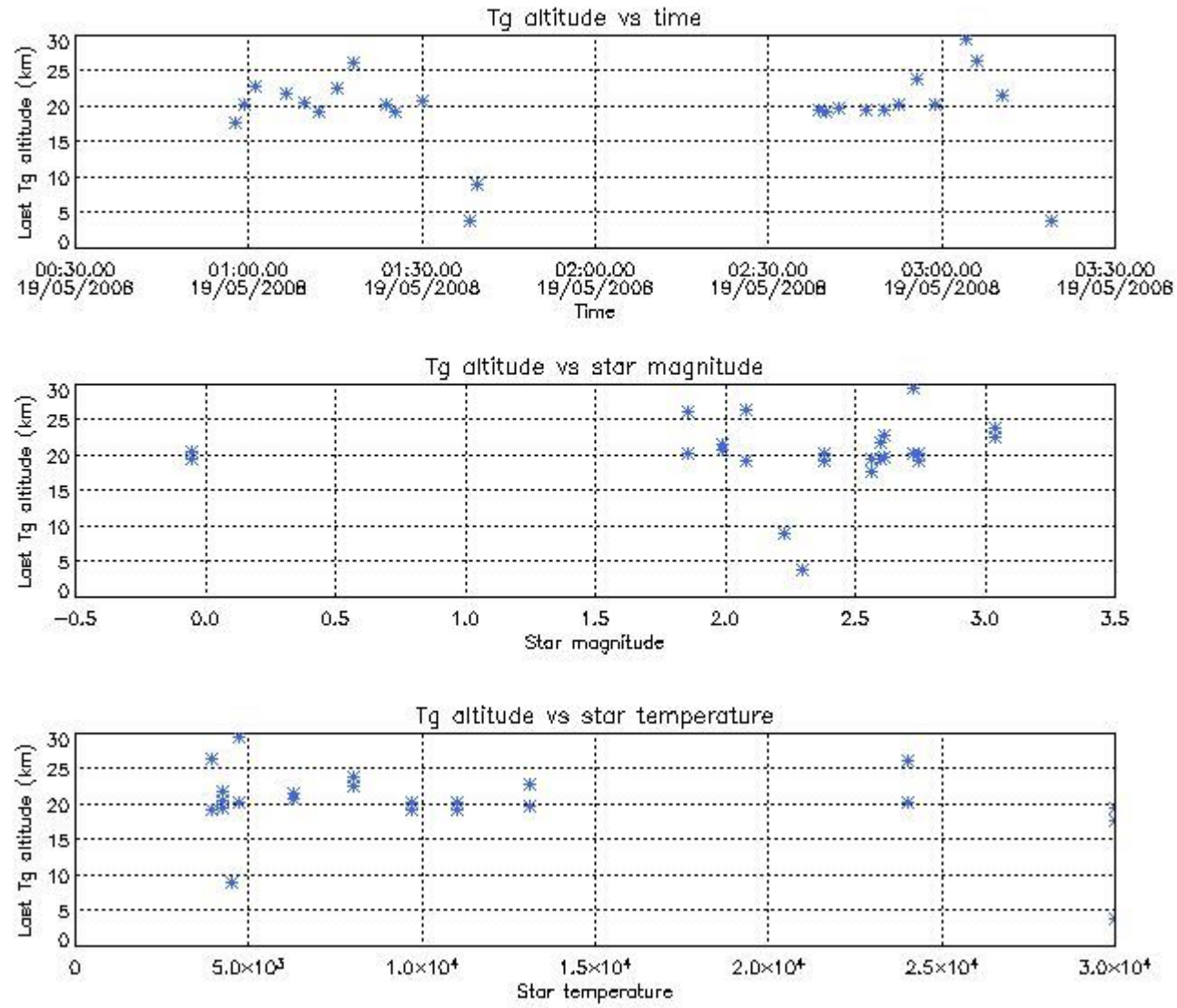
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

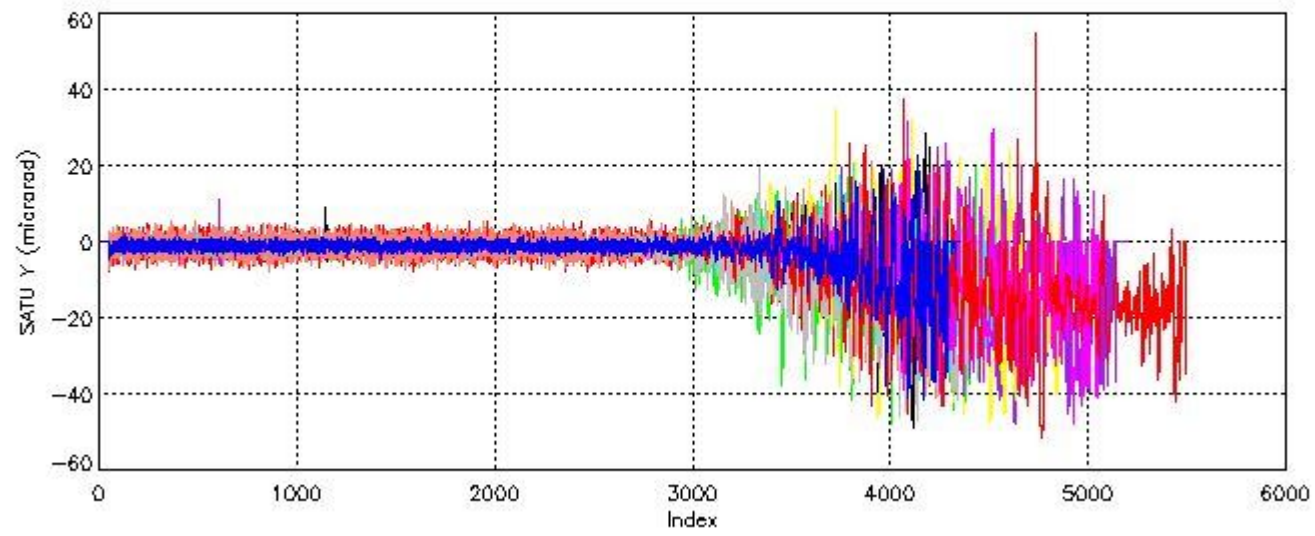
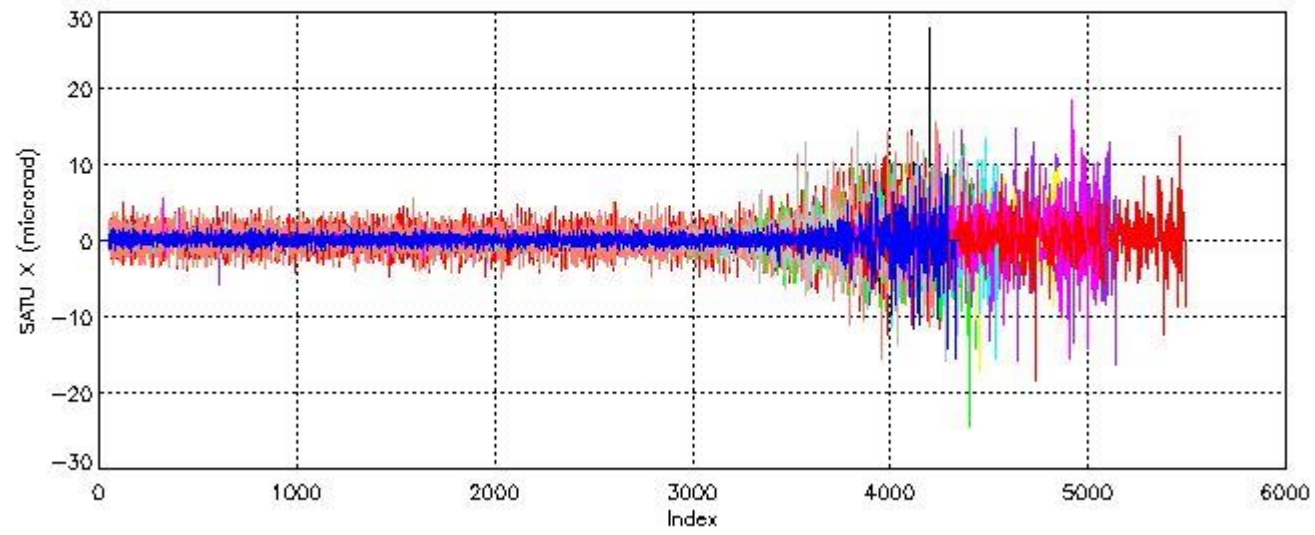


7. Star Acquisition and Tracking Unit (SATU)

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:	0.17670	-1.1756	0.15131	-1.3239
St. deviation:	0.58951	1.1053	0.78386	1.2662
Maximum:	5.5000	11.200	5.6000	4.2000
Minimum:	-5.8000	-7.7000	-4.7000	-7.8000

Number of data:	11700.	11700.	21450.	21450.
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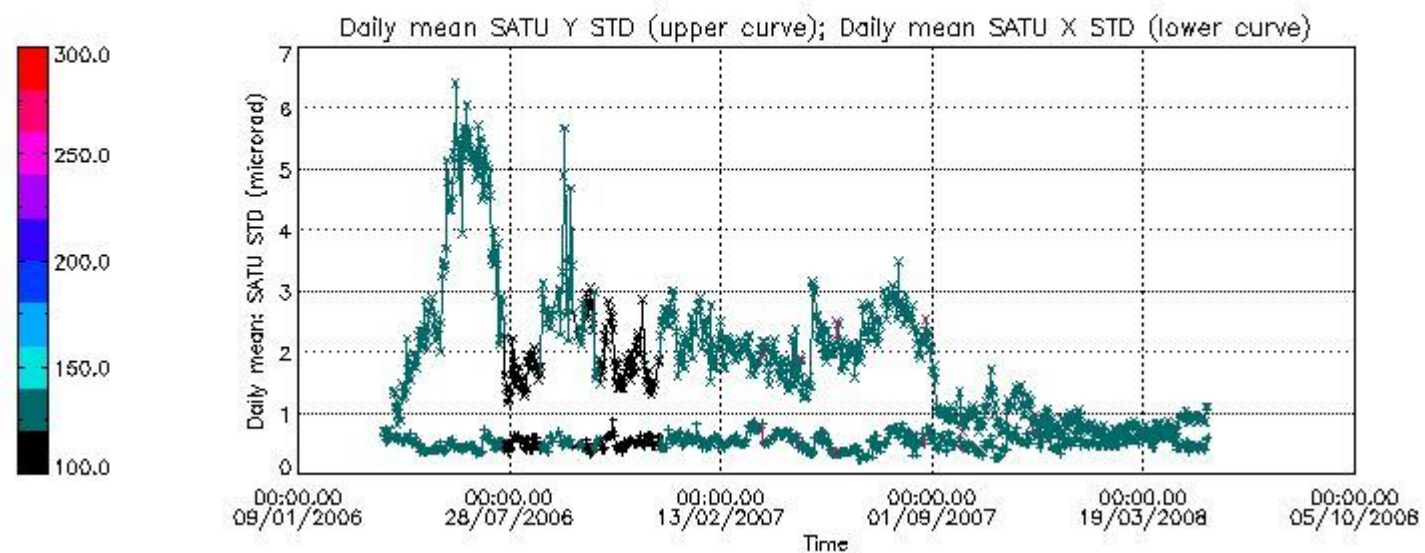
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

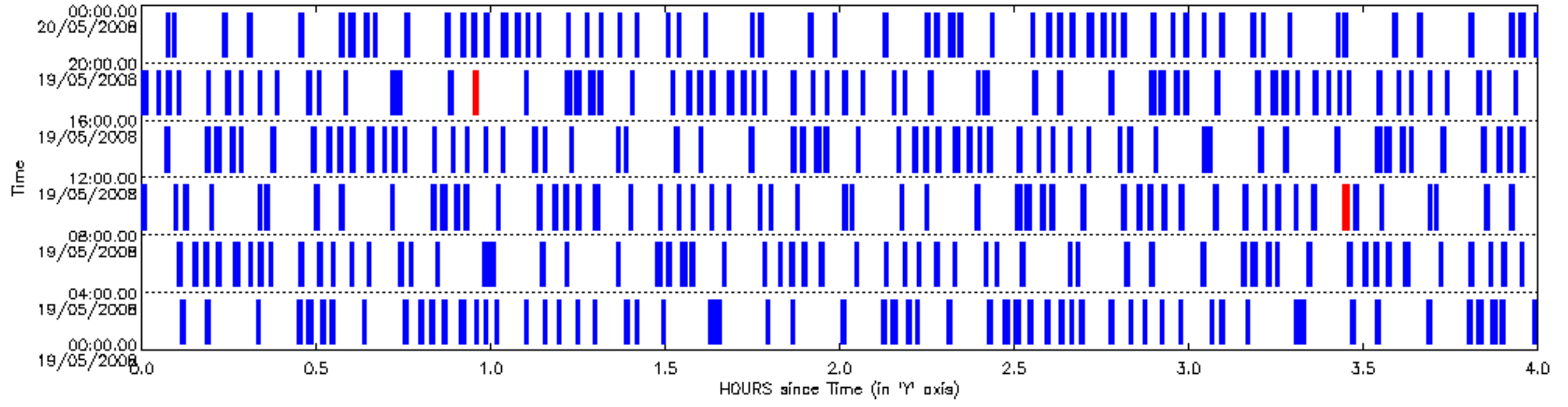
Lower curve: STD of SATU X axis

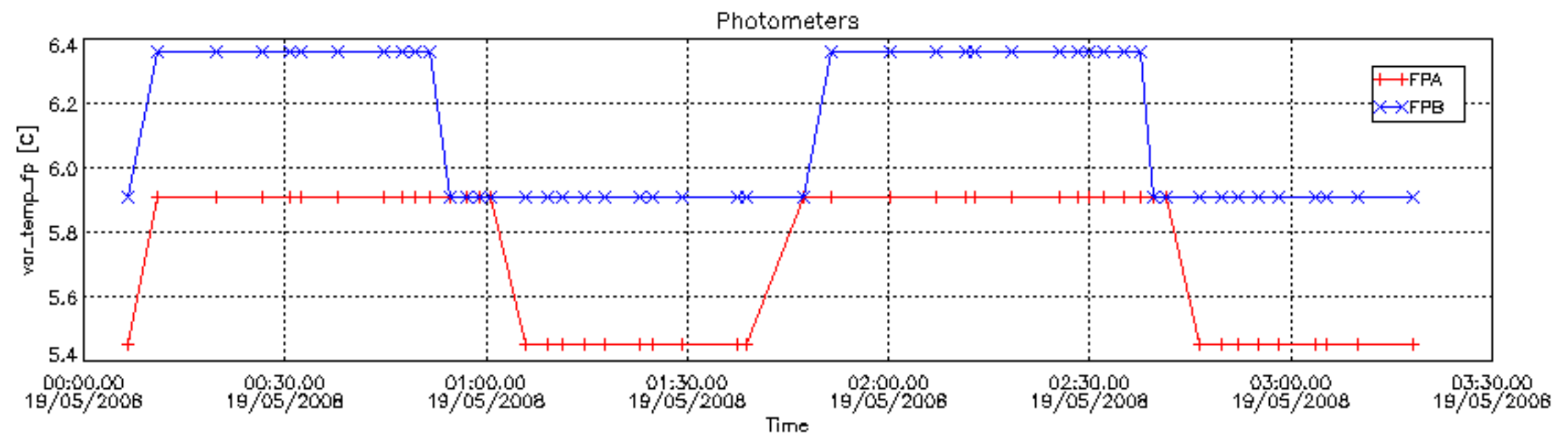
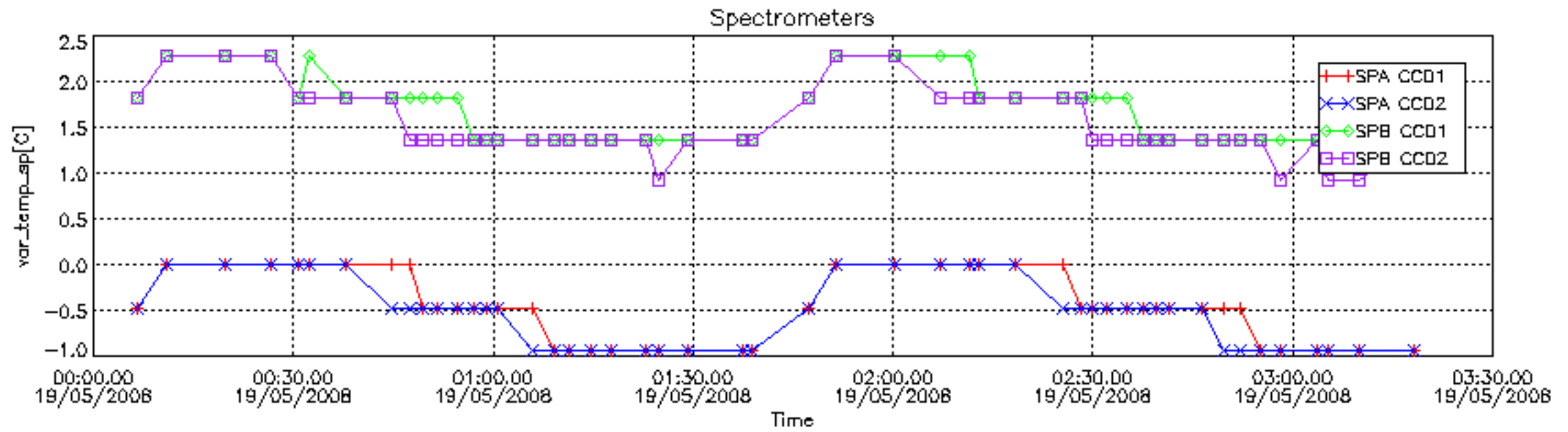


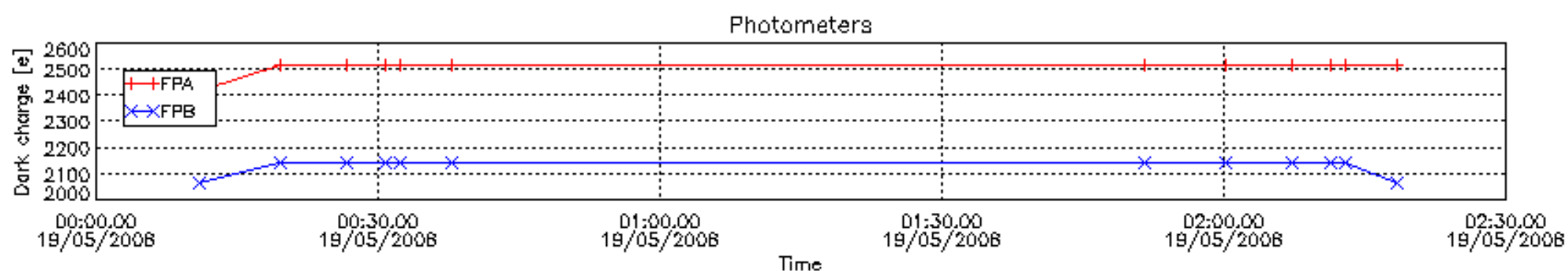
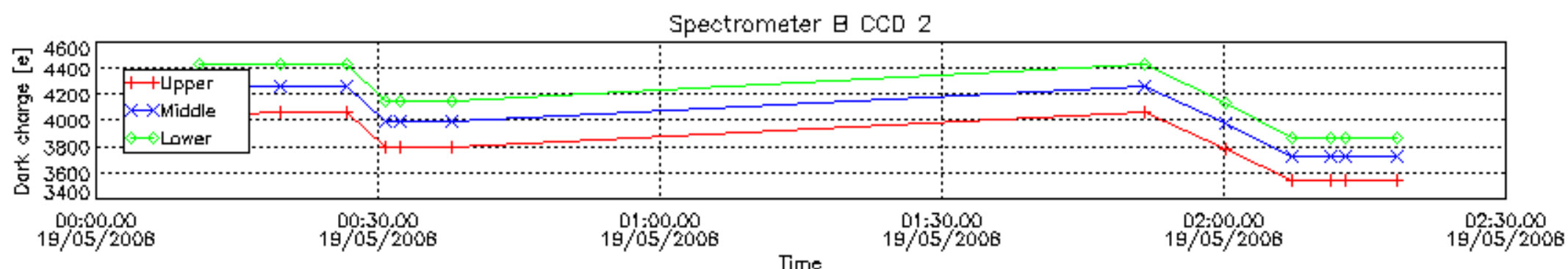
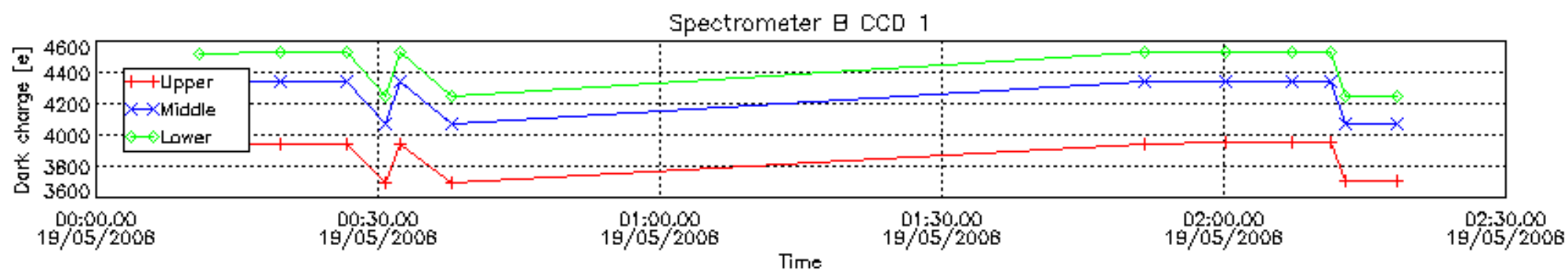
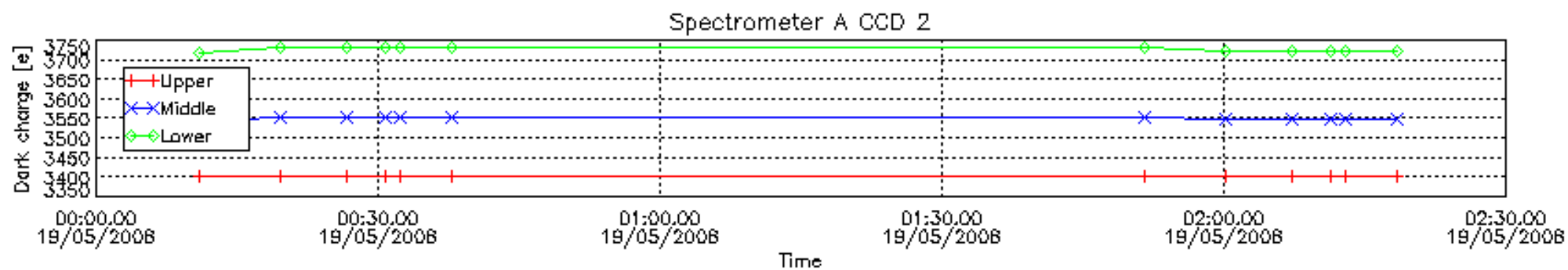
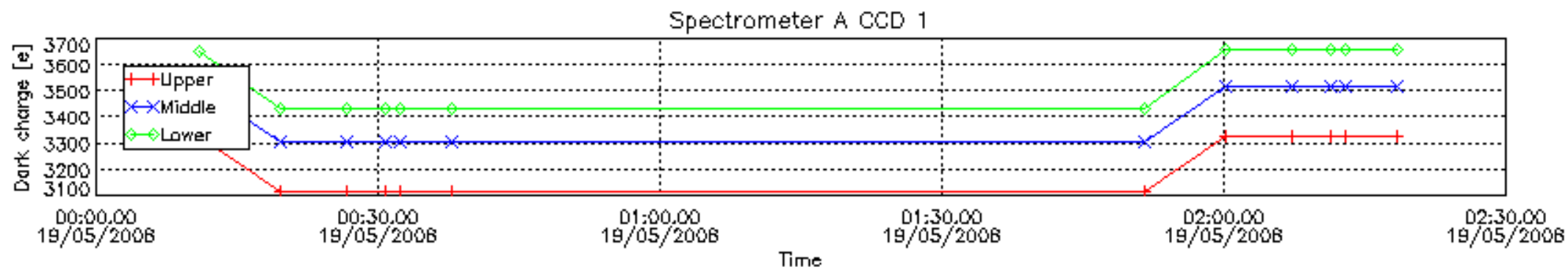
8. Auxiliary Data Files used for the production reported in section 2.4

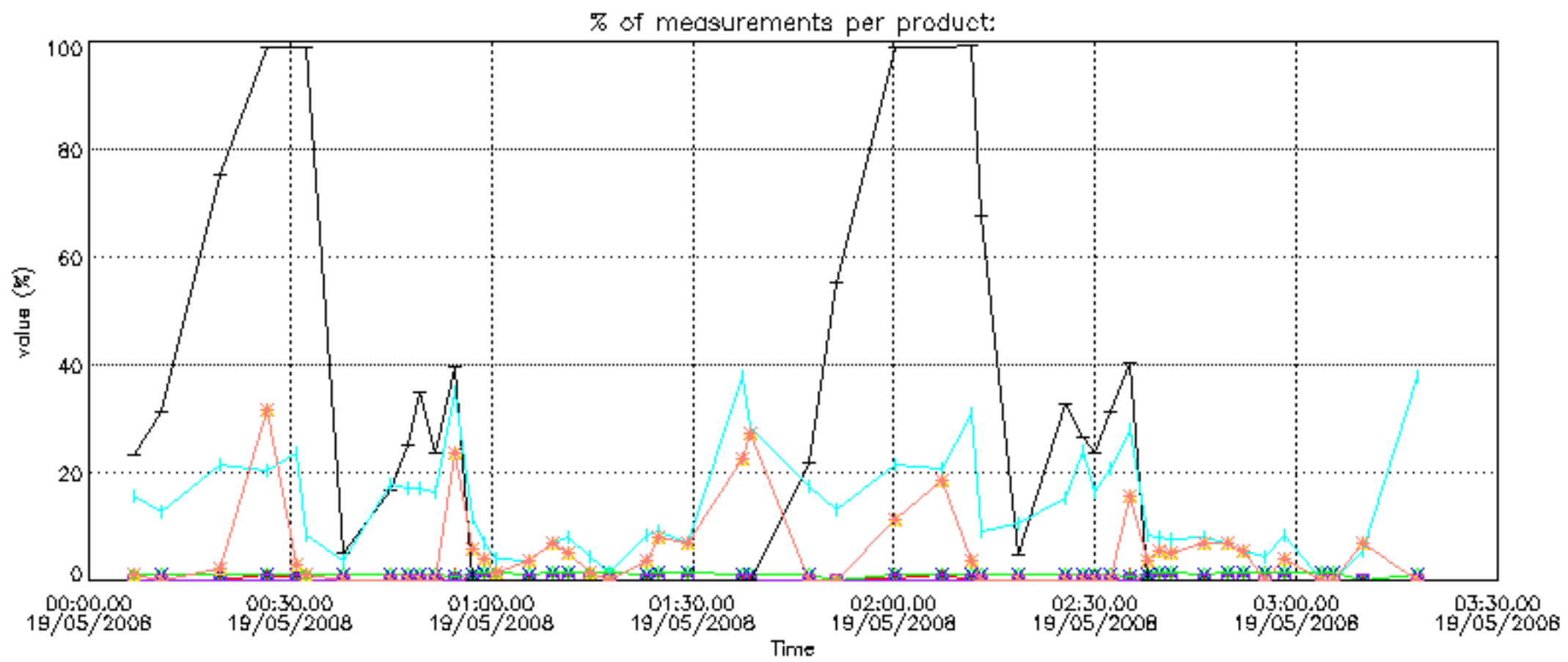
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	19-MAY-2008 00:06:37
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20080514_112535_20080512_000000_20100101_000000	1	19-MAY-2008 00:06:37
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	19-MAY-2008 00:06:37
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	19-MAY-2008 00:06:37
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	19-MAY-2008 00:06:37
ECMWF_FILE	AUX_ECF_AXNECM20080518_072113_20080518_210000_20080519_090000	1	19-MAY-2008 00:06:37
ECMWF_FILE	AUX_ECF_AXNECM20080518_200114_20080519_030000_20080519_150000	49	19-MAY-2008 03:18:04
OPTIONAL_ECMWF_FILE	MISSING	1	19-MAY-2008 00:06:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080518_205005_000060572068_00386_32504_5559.N1	1	19-MAY-2008 00:06:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080518_223621_000057382068_00387_32505_5560.N1	3	19-MAY-2008 00:19:38
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080519_001718_000057382068_00388_32506_5561.N1	28	19-MAY-2008 02:00:15
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080519_015256_000044632068_00389_32507_5562.N1	49	19-MAY-2008 03:18:04

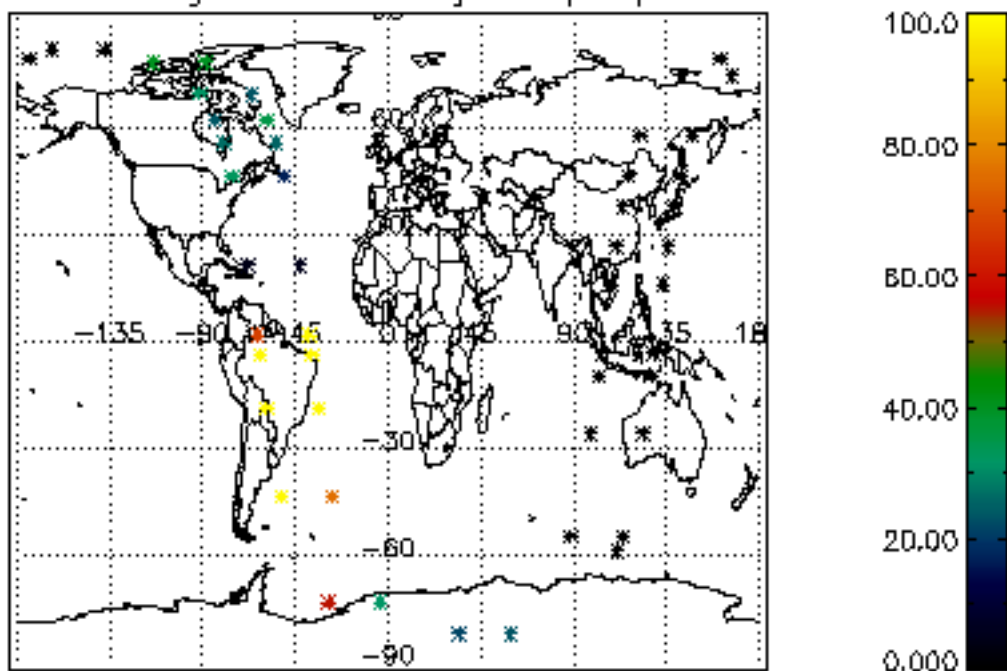




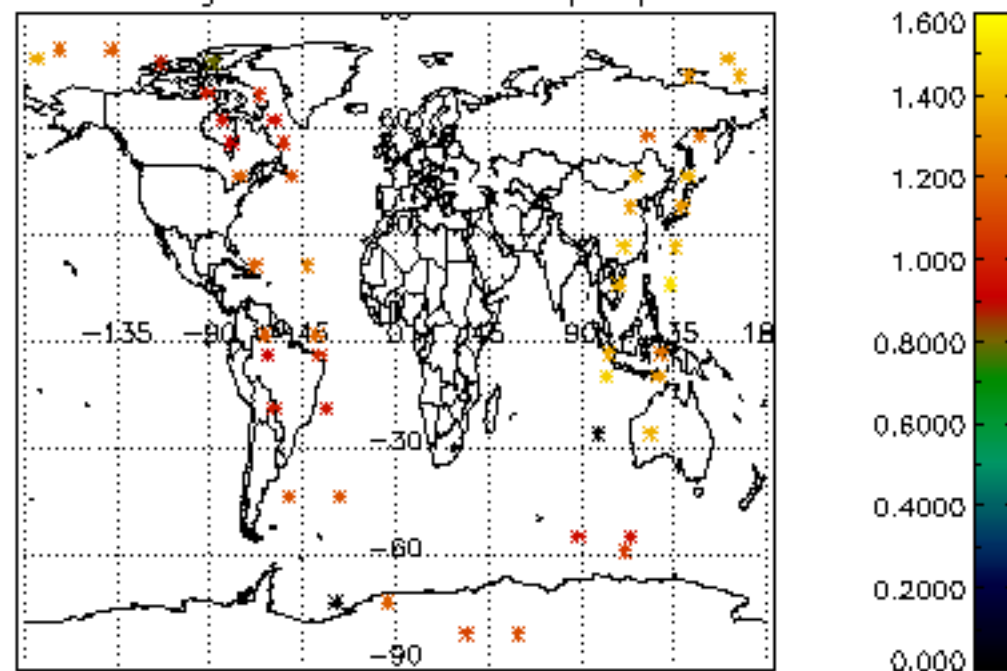




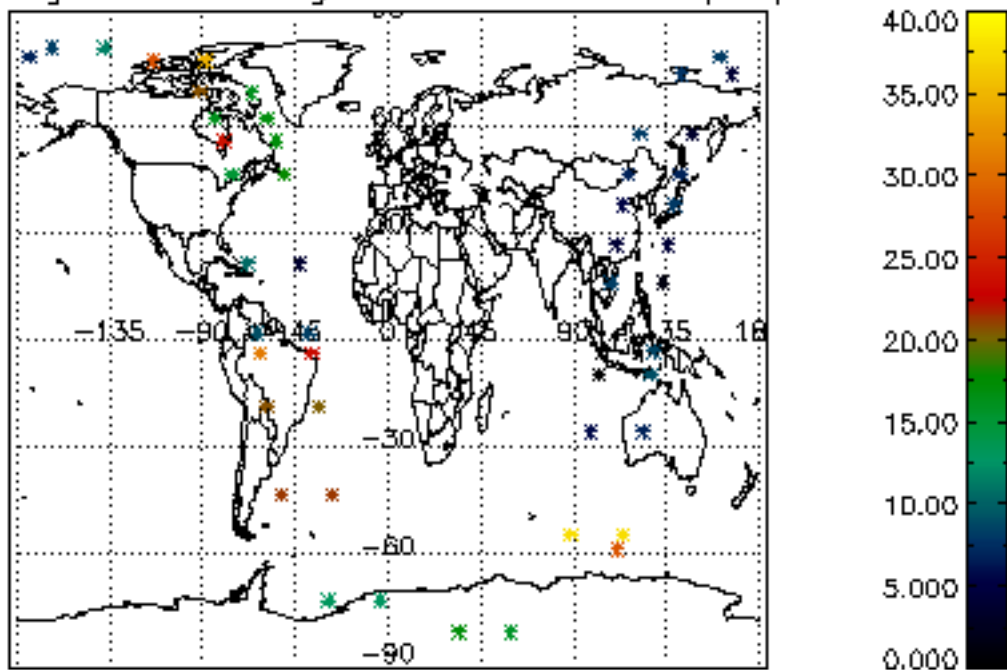
Percentage of cosmic ray hits per profile



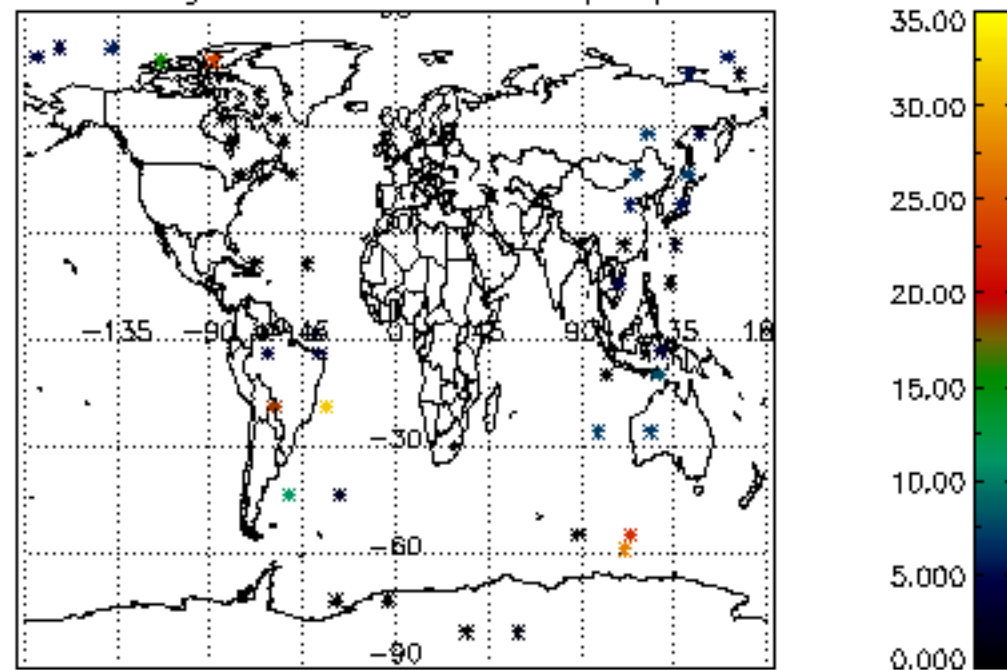
Percentage of datation errors per profile



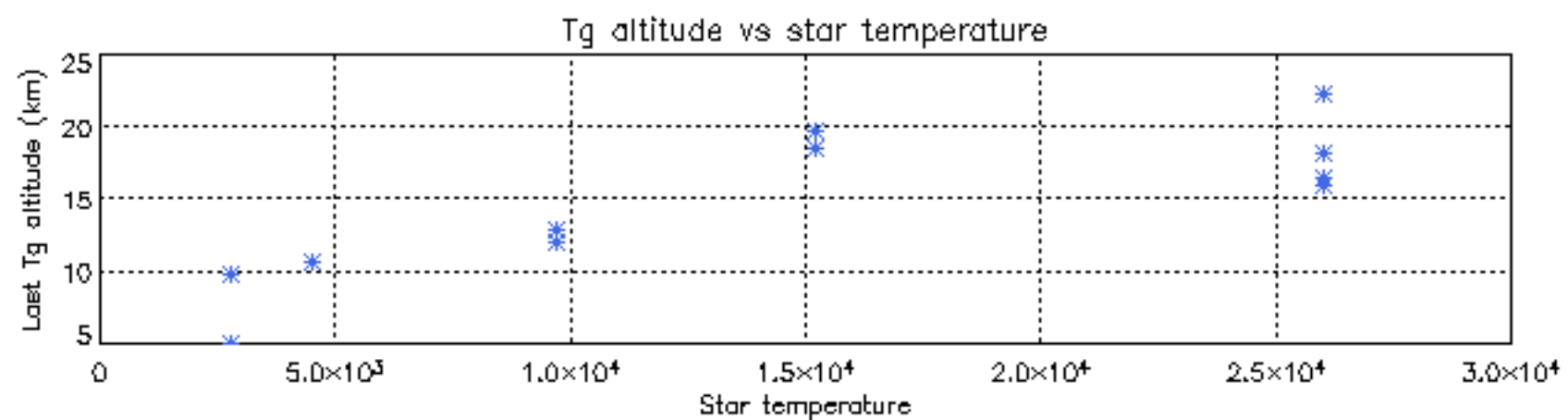
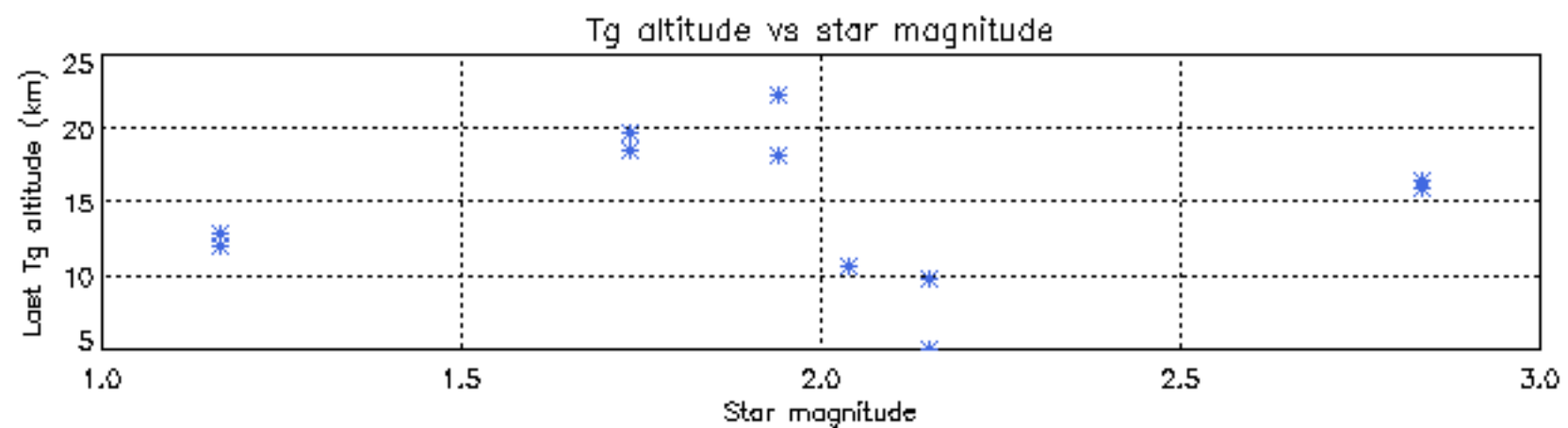
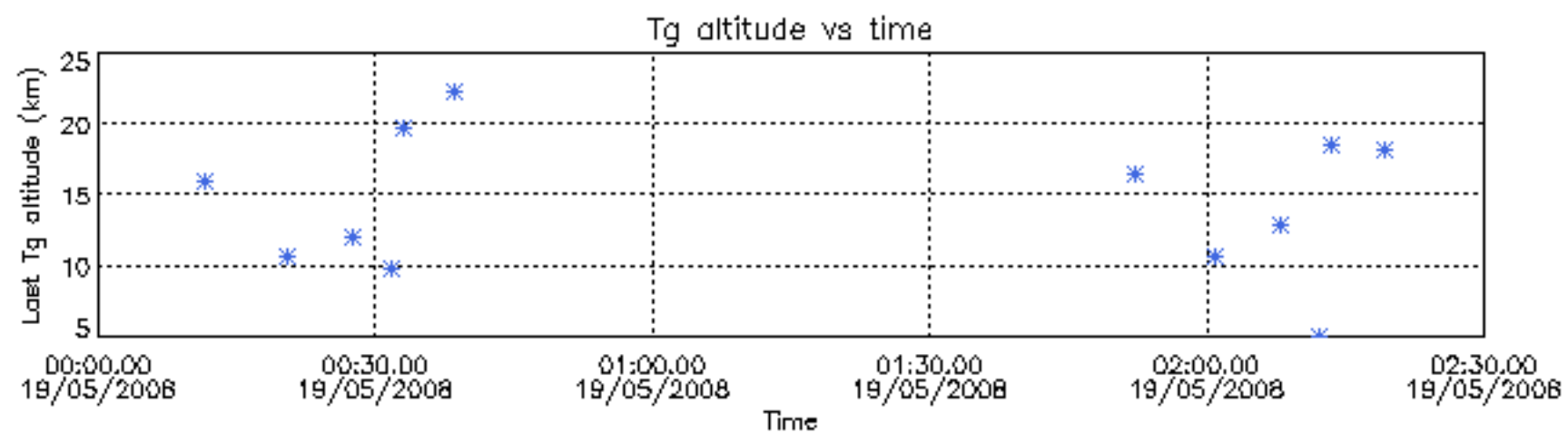
Percentage of star falling outside central band per profile



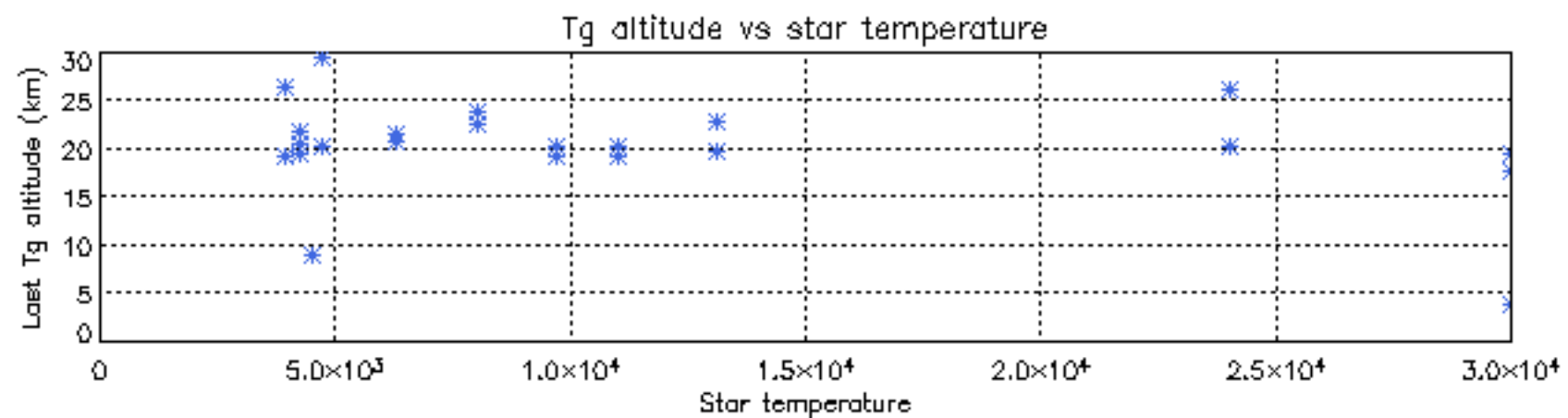
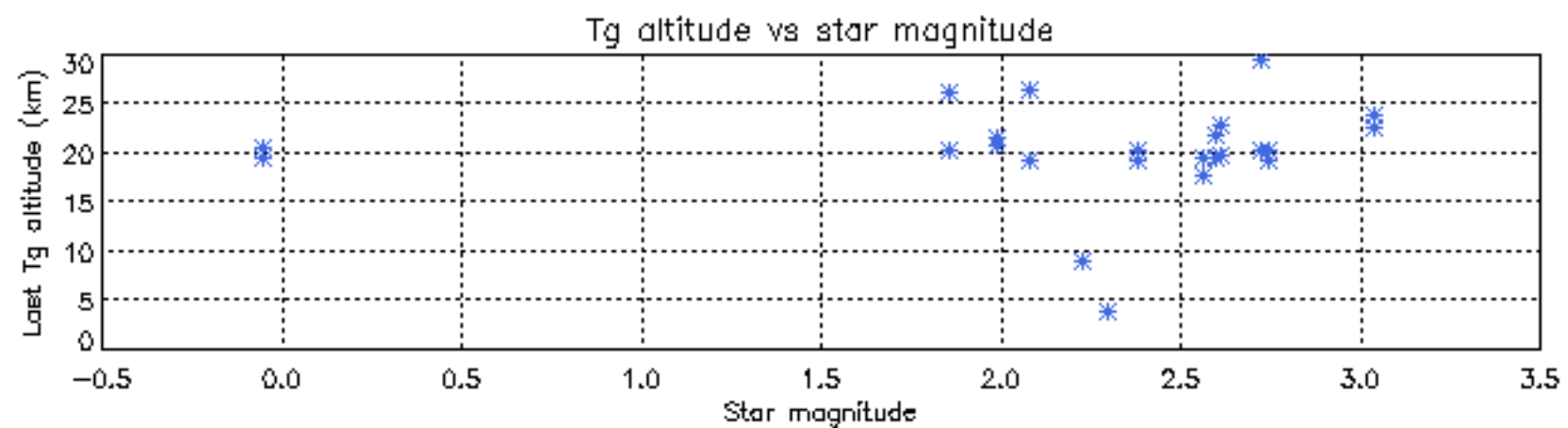
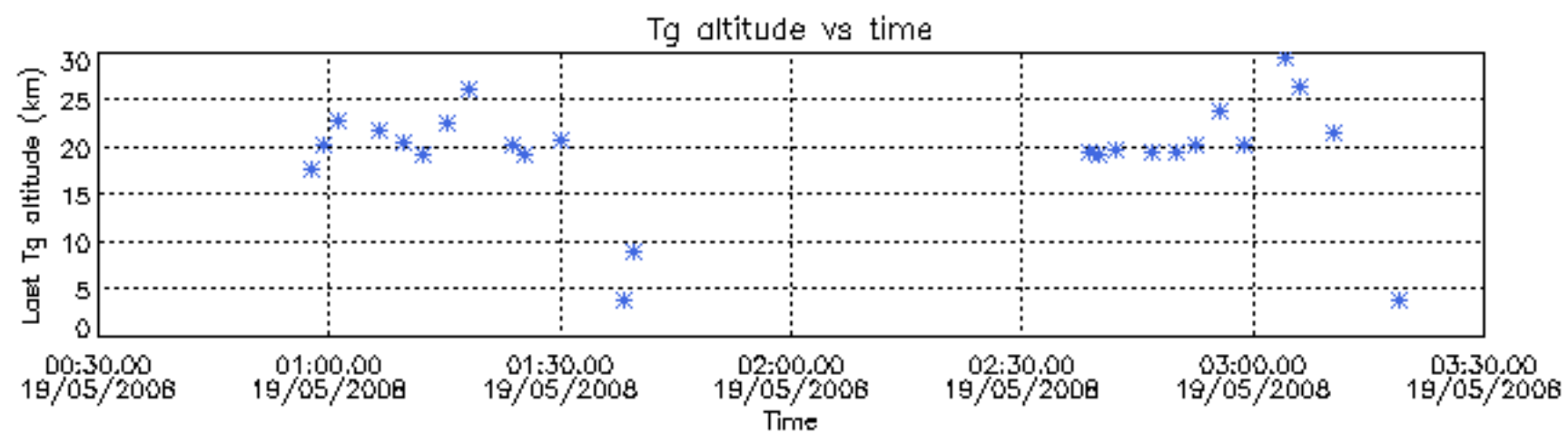
Percentage of saturation errors per profile

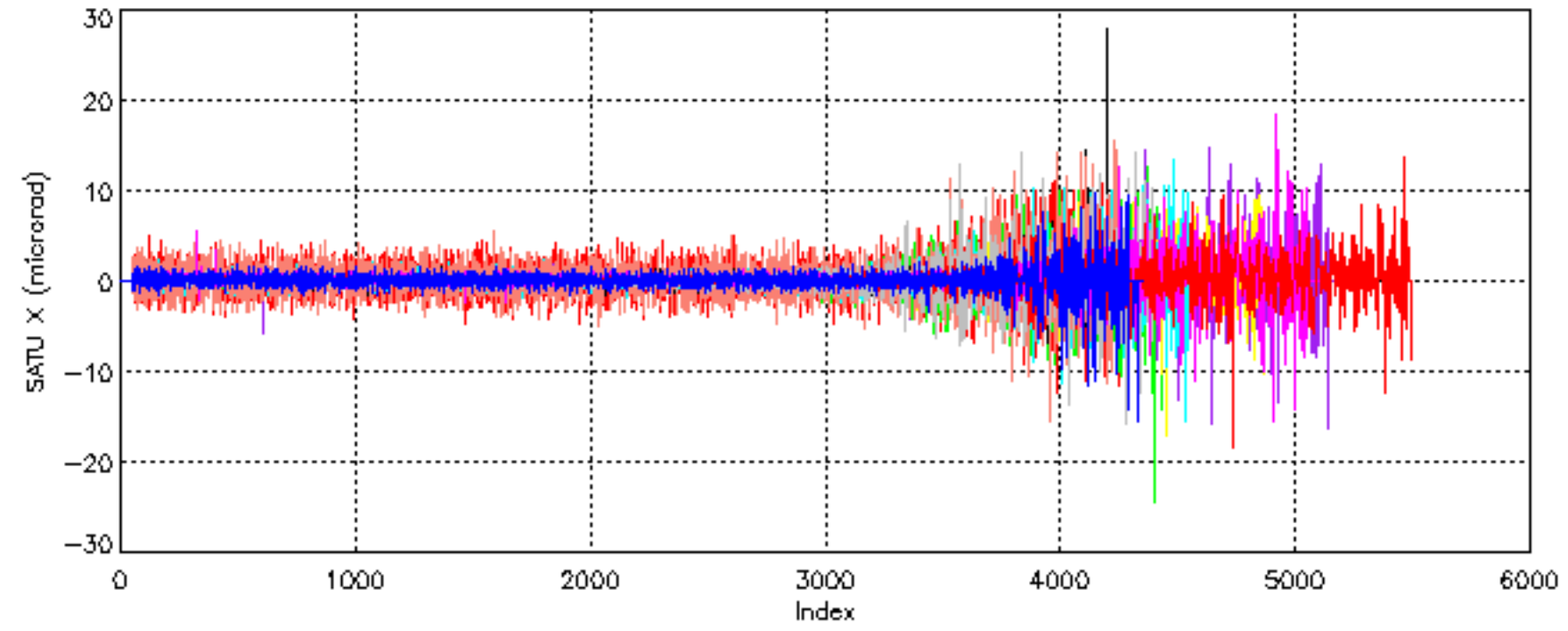


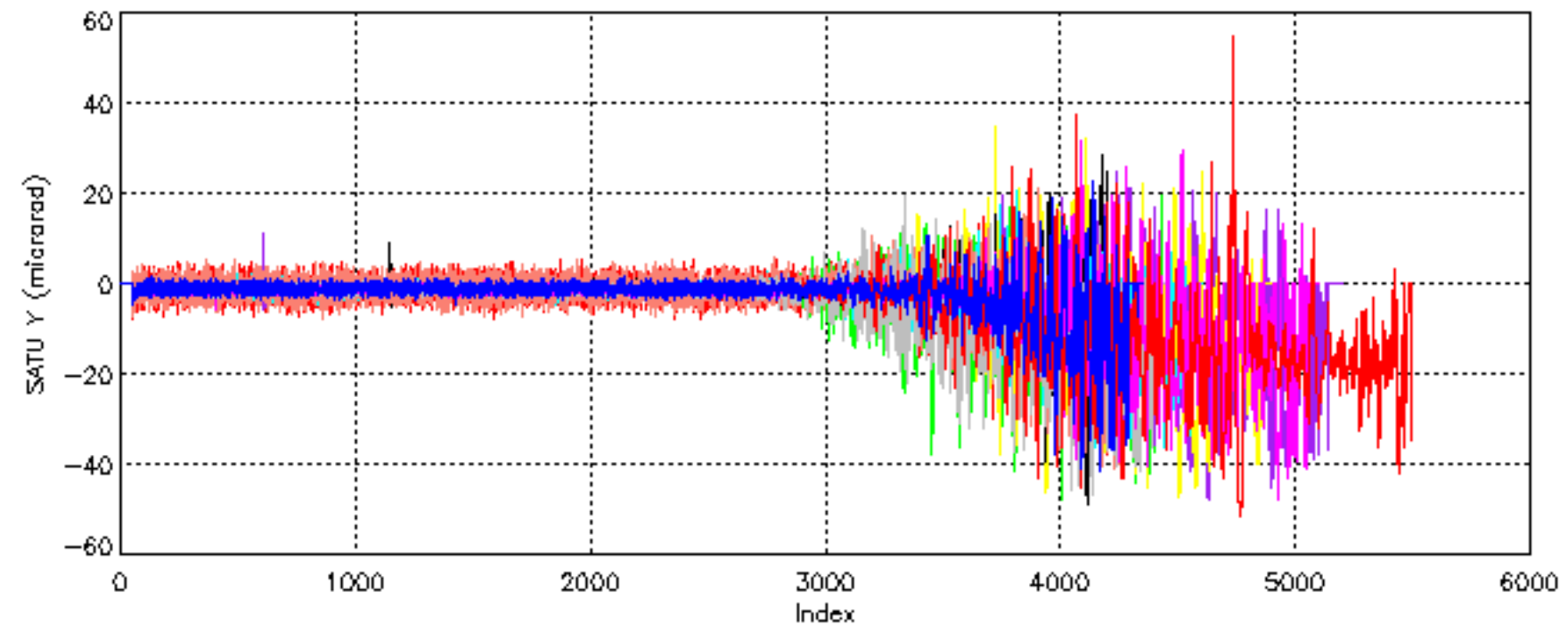
Tangent altitude at which the star is lost

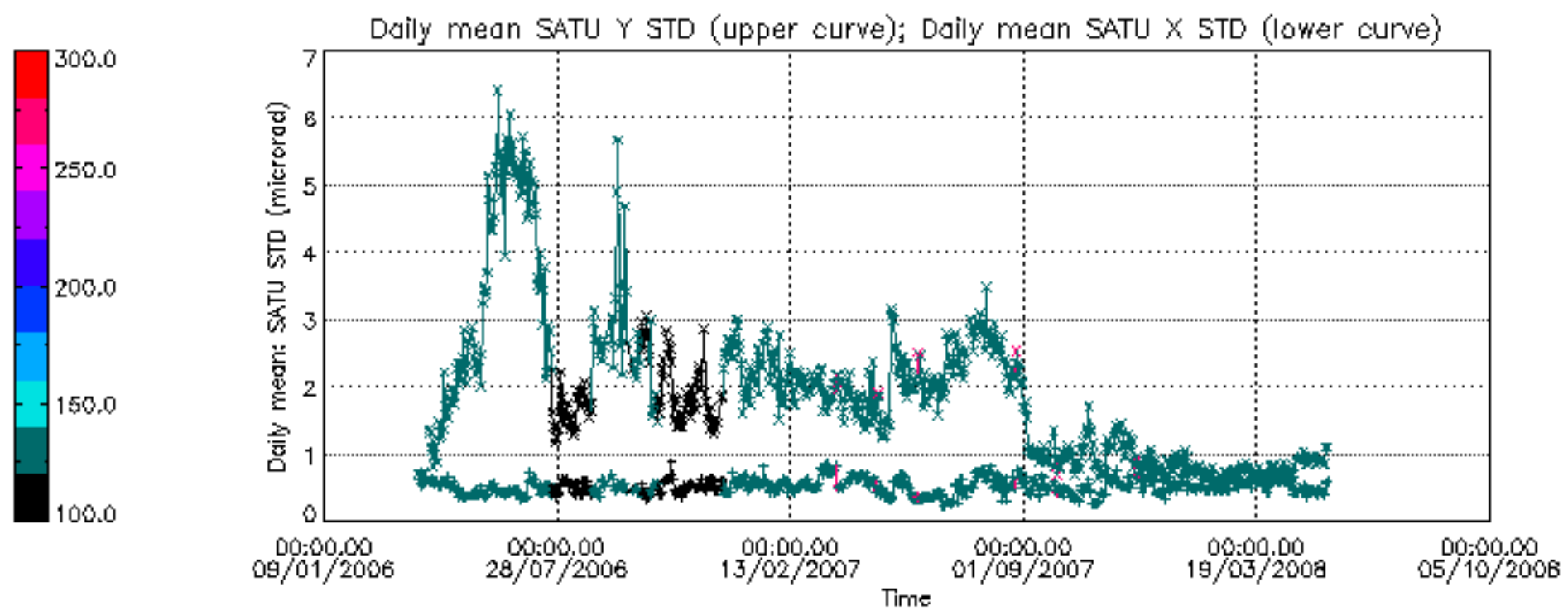


Tangent altitude at which the star is lost









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 2; -490.9; 01-MAY-2008 01:29:44; Dark ; 44.0; 18; 24Alp PsA ; 1.17; 9700;occ; 88; 0;32249
 3; -363.8; 01-MAY-2008 01:31:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32249
 4; -144.6; 01-MAY-2008 01:35:30; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;32249
 5; 579.3; 01-MAY-2008 01:47:34; Dark ; 38.5; 43; Alp TrA ; 1.91; 4250;occ; 77; 0;32250
 6; 711.2; 01-MAY-2008 01:49:46; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32250
 7; 834.0; 01-MAY-2008 01:51:49; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;32250
 8; 925.5; 01-MAY-2008 01:53:21; Dark ; 37.0; 20; Bet Cru ; 1.25; 30000;occ; 74; 0;32250
 9; 999.9; 01-MAY-2008 01:54:35; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0;32250
 10; 1107.3; 01-MAY-2008 01:56:22; Dark ; 36.5; 64; Gam Cen ; 2.20; 10600;occ; 73; 0;32250
 11; 1257.2; 01-MAY-2008 01:58:52; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;32250
 12; 1513.6; 01-MAY-2008 02:03:09; Dark ; 41.0; 169; 46Gam Hya ; 2.99; 4700;occ; 82; 0;32250
 13; 1712.8; 01-MAY-2008 02:06:28; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;32250
 14; 1897.6; 01-MAY-2008 02:09:33; Bright; 49.0; 121; 29Gam Vir ; 2.74; 7200;occ; 98; 0;32250
 15; 2096.0; 01-MAY-2008 02:12:51; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;32250
 16; 2204.4; 01-MAY-2008 02:14:40; Bright; 36.0; 62; 94Bet Leo ; 2.14; 9700;occ; 72; 0;32250
 17; 2559.7; 01-MAY-2008 02:20:35; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;32250
 18; 2729.7; 01-MAY-2008 02:23:25; Bright; 34.5; 174; 52Psi UMa ; 3.00; 4400;occ; 69; 0;32250
 19; 2833.8; 01-MAY-2008 02:25:09; Bright; 36.0; 87; 64Gam UMa ; 2.43; 11000;occ; 72; 0;32250
 20; 2918.7; 01-MAY-2008 02:26:34; Bright; 35.5; 82; 48Bet UMa ; 2.37; 10600;occ; 71; 0;32250
 21; 2997.3; 01-MAY-2008 02:27:52; Bright; 36.0; 36; 50Alp UMa ; 1.80; 6300;occ; 72; 0;32250
 22; 3444.8; 01-MAY-2008 02:35:20; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32250

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 6; -144.0; 01-MAY-2008 03:16:07; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;32250
 7; 579.7; 01-MAY-2008 03:28:11; Dark ; 39.5; 43; Alp TrA ; 1.91; 4250;occ; 79; 0;32251
 8; 711.5; 01-MAY-2008 03:30:23; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32251
 9; 834.4; 01-MAY-2008 03:32:25; Dark ; 44.5; 4; Alp1Cen ; -0.01; 5800;occ; 89; 0;32251
 10; 925.8; 01-MAY-2008 03:33:57; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;32251
 11; 1000.2; 01-MAY-2008 03:35:11; Dark ; 36.5; 77; Eps Cen ; 2.30; 28000;occ; 73; 0;32251
 12; 1107.6; 01-MAY-2008 03:36:59; Dark ; 38.5; 64; Gam Cen ; 2.20; 10600;occ; 77; 0;32251
 13; 1257.5; 01-MAY-2008 03:39:29; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;32251
 14; 1514.0; 01-MAY-2008 03:43:45; Dark ; 44.5; 169; 46Gam Hya ; 2.99; 4700;occ; 89; 0;32251
 15; 1713.1; 01-MAY-2008 03:47:04; Bright; 37.5; 15; 67Alp Vir ; 0.98; 28000;occ; 75; 0;32251
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 17; 2096.2; 01-MAY-2008 03:53:27; Bright; 52.0; 138; 47Eps Vir ; 2.83; 4700;occ; 104; 0;32251
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 22; 2919.2; 01-MAY-2008 04:07:10; Bright; 40.5; 82; 48Bet UMa ; 2.37; 10600;occ; 81; 0;32251
 23; 2997.7; 01-MAY-2008 04:08:29; Bright; 32.5; 36; 50Alp UMa ; 1.80; 6300;occ; 65; 0;32251
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 3; -791.3; 01-MAY-2008 04:45:56; Dark ; 43.0; 52; 16Bet Cet ; 2.04; 4500;occ; 86; 0;32251
 4; -489.8; 01-MAY-2008 04:50:57; Dark ; 45.0; 18; 24Alp PsA ; 1.17; 9700;occ; 90; 0;32251
 5; -362.6; 01-MAY-2008 04:53:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32251
 6; -143.4; 01-MAY-2008 04:56:44; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;32251
 7; 580.1; 01-MAY-2008 05:08:47; Dark ; 40.5; 43; Alp TrA ; 1.91; 4250;occ; 81; 0;32252
 8; 711.8; 01-MAY-2008 05:10:59; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32252
 9; 834.7; 01-MAY-2008 05:13:02; Dark ; 42.5; 4; Alp1Cen ; -0.01; 5800;occ; 85; 0;32252
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 16; 1898.0; 01-MAY-2008 05:30:45; Bright; 36.0; 121; 29Gam Vir ; 2.74; 7200;occ; 72; 0;32252
 17; 2096.4; 01-MAY-2008 05:34:03; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;32252
 18; 2205.2; 01-MAY-2008 05:35:52; Bright; 39.0; 62; 94Bet Leo ; 2.14; 9700;occ; 78; 0;32252
 19; 2559.7; 01-MAY-2008 05:41:47; Bright; 34.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 68; 0;32252

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21; 2834.3; 01-MAY-2008 05:46:21; Bright; 36.0; 87; 64Gam UMa ; 2.43; 11000;occ; 72; 0;32252
22; 2919.4; 01-MAY-2008 05:47:46; Bright; 36.5; 82; 48Bet UMa ; 2.37; 10600;occ; 73; 0;32252
23; 2998.0; 01-MAY-2008 05:49:05; Bright; 36.5; 36; 50Alp UMa ; 1.80; 6300;occ; 73; 0;32252
24; 3444.9; 01-MAY-2008 05:56:32; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32252
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 2; 837.0; 01-MAY-2008 20:18:28; Dark ; 42.0; 4; Alp1Cen ;-0.01; 5800;occ; 84; 0;32261
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 5; 1108.7; 01-MAY-2008 20:22:59; Dark ; 39.5; 64; Gam Cen ; 2.20; 10600;occ; 79; 0;32261
 6; 1259.9; 01-MAY-2008 20:25:31; Dark ; 41.5; 54; 5The Cen ; 2.06; 4500;occ; 83; 0;32261
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 9; 1899.4; 01-MAY-2008 20:36:10; Bright; 35.5; 121; 29Gam Vir ; 2.74; 7200;occ; 71; 0;32261
10; 2097.0; 01-MAY-2008 20:39:28; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32261
11; 2208.0; 01-MAY-2008 20:41:19; Bright; 37.0; 62; 94Bet Leo ; 2.14; 9700;occ; 74; 0;32261
12; 2559.8; 01-MAY-2008 20:47:10; Bright; 34.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 69; 0;32261
13; 2734.1; 01-MAY-2008 20:50:05; Bright; 36.5; 174; 52Psi UMa ; 3.00; 4400;occ; 73; 0;32261
14; 2835.7; 01-MAY-2008 20:51:46; Bright; 45.0; 87; 64Gam UMa ; 2.43; 11000;occ; 90; 0;32261
15; 2921.9; 01-MAY-2008 20:53:13; Bright; 36.5; 82; 48Bet UMa ; 2.37; 10600;occ; 73; 0;32261
16; 3000.1; 01-MAY-2008 20:54:31; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;32261
17; 3444.9; 01-MAY-2008 21:01:56; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32261
18; 3920.6; 01-MAY-2008 21:09:51; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;32261
19; 4002.1; 01-MAY-2008 21:11:13; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32261
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 3; -379.7; 01-MAY-2008 21:38:47; Dark ; 39.0; 84; Alp Phe ; 2.40; 4500;occ; 78; 0;32261
 4; -307.7; 01-MAY-2008 21:39:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32261
 5; -137.8; 01-MAY-2008 21:42:49; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32261
 6; 16.0; 01-MAY-2008 21:45:22; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32262
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 8; 715.5; 01-MAY-2008 21:57:02; Dark ; 41.0; 134; Bet TrA ; 2.81; 6600;occ; 82; 0;32262
 9; 837.3; 01-MAY-2008 21:59:04; Dark ; 48.0; 4; Alp1Cen ;-0.01; 5800;occ; 96; 0;32262
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11; 1002.3; 01-MAY-2008 22:01:49; Dark ; 37.5; 77; Eps Cen ; 2.30; 28000;occ; 75; 0;32262
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22; 2922.2; 01-MAY-2008 22:33:49; Bright; 35.5; 82; 48Bet UMa ; 2.37; 10600;occ; 71; 0;32262
23; 3000.3; 01-MAY-2008 22:35:07; Bright; 37.0; 36; 50Alp UMa ; 1.80; 6300;occ; 74; 0;32262
24; 3444.9; 01-MAY-2008 22:42:31; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32262
25; 3920.9; 01-MAY-2008 22:50:27; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;32262
26; 4002.1; 01-MAY-2008 22:51:49; Bright; 34.0; 68; 18Alp Cas ; 2.22; 4500;occ; 68; 0;32262
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 23; 3445.5; 09-MAY-2008 00:03:01; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32363
 24; 3934.2; 09-MAY-2008 00:11:10; Bright; 52.0; 76; 27Gam Cas ; 2.30; 30000;occ; 104; 0;32363
 25; 4009.0; 09-MAY-2008 00:12:25; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32363
 26; 4499.1; 09-MAY-2008 00:20:35; Bright; 35.0; 58; 21Alp And ; 2.07; 11000;occ; 70; 0;32363
 27; 4738.1; 09-MAY-2008 00:24:34; Dark ; 40.0; 140; 88Gam Peg ; 2.83; 26000;occ; 80; 0;32363
 28; 5262.7; 09-MAY-2008 00:33:19; Dark ; 40.0; 52; 16Bet Cet ; 2.04; 4500;occ; 80; 0;32363

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 4; -1300.1; 08-MAY-2008 07:38:32; Dark ; 39.0; 140; 88Gam Peg ; 2.83; 26000;occ; 78; 0;32353
 5; -775.3; 08-MAY-2008 07:47:17; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32353
 6; -431.9; 08-MAY-2008 07:53:01; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;32353
 7; -279.4; 08-MAY-2008 07:55:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32353
 8; -157.2; 08-MAY-2008 07:57:35; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32353
 9; -81.1; 08-MAY-2008 07:58:51; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;32353
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 11; 254.1; 08-MAY-2008 08:04:27; Dark ; 39.0; 45; Alp Pav ; 1.94; 26000;occ; 78; 0;32354
 12; 615.0; 08-MAY-2008 08:10:27; Dark ; 39.5; 43; Alp TrA ; 1.91; 4250;occ; 79; 0;32354
 13; 746.9; 08-MAY-2008 08:12:39; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32354
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 16; 1161.1; 08-MAY-2008 08:19:34; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32354
 17; 1280.8; 08-MAY-2008 08:21:33; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;32354
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 3; 2222.2; 08-MAY-2008 08:37:15; Bright; 36.5; 111; 8Eta Boo ; 2.68; 6000;occ; 73; 0;32354
 4; 2564.8; 08-MAY-2008 08:42:57; Bright; 34.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 69; 0;32354
 5; 2752.1; 08-MAY-2008 08:46:05; Bright; 37.5; 39; 85Eta UMA ; 1.85; 24000;occ; 75; 0;32354
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 8; 3198.6; 08-MAY-2008 08:53:31; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32354
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 11; 4008.6; 08-MAY-2008 09:07:01; Bright; 52.0; 68; 18Alp Cas ; 2.22; 4500;occ; 104; 0;32354
 12; 4497.6; 08-MAY-2008 09:15:10; Bright; 36.0; 58; 21Alp And ; 2.07; 11000;occ; 72; 0;32354
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 16; 5756.8; 08-MAY-2008 09:36:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32354
 17; 5879.3; 08-MAY-2008 09:38:12; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;32354
 18; 5955.5; 08-MAY-2008 09:39:28; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 0;32354
 19; 6088.6; 08-MAY-2008 09:41:41; Dark ; 38.0; 148; Alp Tuc ; 2.88; 4100;occ; 76; 0;32354
 20; 6290.7; 08-MAY-2008 09:45:03; Dark ; 39.0; 45; Alp Pav ; 1.94; 26000;occ; 78; 0;32354
 21; 6651.2; 08-MAY-2008 09:51:04; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;32354
 22; 6783.2; 08-MAY-2008 09:53:16; Dark ; 38.0; 134; Bet TrA ; 2.81; 6600;occ; 76; 0;32354
 23; 6895.6; 08-MAY-2008 09:55:08; Dark ; 39.0; 4; Alp1Cen ; -0.01; 5800;occ; 78; 0;32354
 24; 7106.0; 08-MAY-2008 09:58:38; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;32354
 25; 7197.1; 08-MAY-2008 10:00:10; Dark ; 40.5; 81; Eta Cen ; 2.36; 28000;occ; 81; 0;32354
 26; 7316.8; 08-MAY-2008 10:02:09; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;32354
 27; 7567.5; 08-MAY-2008 10:06:20; Bright; 37.5; 169; 46Gam Hya ; 2.99; 4700;occ; 75; 0;32354
 28; 7763.3; 08-MAY-2008 10:09:36; Bright; 37.5; 15; 67Alp Vir ; 0.98; 28000;occ; 75; 0;32354

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 3; 2222.1; 08-MAY-2008 10:17:51; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32355
 4; 2564.8; 08-MAY-2008 10:23:33; Bright; 35.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 71; 0;32355
 5; 2751.8; 08-MAY-2008 10:26:40; Bright; 36.0; 39; 85Eta UMA ; 1.85; 24000;occ; 72; 0;32355
 6; 2840.9; 08-MAY-2008 10:28:09; Bright; 35.5; 55; 79Zet UMA ; 2.06; 10200;occ; 71; 0;32355
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 9; 3445.5; 08-MAY-2008 10:38:14; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32355

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 12; 4497.7; 08-MAY-2008 10:55:46; Bright; 38.0; 58; 21Alp And ; 2.07; 11000;occ; 76; 0;32355
 13; 4736.2; 08-MAY-2008 10:59:45; Dark ; 40.5; 140; 88Gam Peg ; 2.83; 26000;occ; 81; 0;32355
 14; 5261.0; 08-MAY-2008 11:08:29; Dark ; 43.0; 52; 16Bet Cet ; 2.04; 4500;occ; 86; 0;32355
 15; 5605.3; 08-MAY-2008 11:14:14; Dark ; 46.5; 18; 24Alp PsA ; 1.17; 9700;occ; 93; 0;32355
 16; 5757.1; 08-MAY-2008 11:16:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32355
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 19; 6089.0; 08-MAY-2008 11:22:17; Dark ; 38.0; 148; Alp Tuc ; 2.88; 4100;occ; 76; 0;32355
 20; 6291.3; 08-MAY-2008 11:25:40; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32355
 21; 6651.5; 08-MAY-2008 11:31:40; Dark ; 41.5; 43; Alp TrA ; 1.91; 4250;occ; 83; 0;32355
 22; 6783.4; 08-MAY-2008 11:33:52; Dark ; 38.0; 134; Bet TrA ; 2.81; 6600;occ; 76; 0;32355
 23; 6895.8; 08-MAY-2008 11:35:44; Dark ; 41.0; 4; Alp1Cen ;-0.01; 5800;occ; 82; 0;32355
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 25; 7197.3; 08-MAY-2008 11:40:46; Dark ; 38.5; 81; Eta Cen ; 2.36; 28000;occ; 77; 0;32355
 26; 7317.0; 08-MAY-2008 11:42:45; Dark ; 43.5; 54; 5The Cen ; 2.06; 4500;occ; 87; 0;32355
 27; 7567.6; 08-MAY-2008 11:46:56; Bright; 41.5; 169; 46Gam Hya ; 2.99; 4700;occ; 83; 0;32355

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 3; 2222.0; 08-MAY-2008 11:58:26; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32356
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 5; 2751.7; 08-MAY-2008 12:07:16; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;32356
 6; 2841.0; 08-MAY-2008 12:08:45; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32356
 7; 3026.2; 08-MAY-2008 12:11:50; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;32356
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 9; 3445.5; 08-MAY-2008 12:18:50; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32356
 10; 3933.8; 08-MAY-2008 12:26:58; Bright; 33.0; 76; 27Gam Cas ; 2.30; 30000;occ; 66; 0;32356
 11; 4008.7; 08-MAY-2008 12:28:13; Bright; 52.0; 68; 18Alp Cas ; 2.22; 4500;occ; 104; 0;32356
 12; 4497.9; 08-MAY-2008 12:36:22; Bright; 38.5; 58; 21Alp And ; 2.07; 11000;occ; 77; 0;32356
 13; 4736.5; 08-MAY-2008 12:40:21; Dark ; 39.5; 140; 88Gam Peg ; 2.83; 26000;occ; 79; 0;32356
 14; 5261.3; 08-MAY-2008 12:49:06; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32356
 15; 5605.9; 08-MAY-2008 12:54:50; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;32356
 16; 5757.5; 08-MAY-2008 12:57:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32356
 17; 5880.3; 08-MAY-2008 12:59:25; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32356
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 22; 6783.7; 08-MAY-2008 13:14:28; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32356
 23; 6896.1; 08-MAY-2008 13:16:20; Dark ; 46.0; 4; Alp1Cen ;-0.01; 5800;occ; 92; 0;32356
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 25; 7197.7; 08-MAY-2008 13:21:22; Dark ; 36.5; 81; Eta Cen ; 2.36; 28000;occ; 73; 0;32356
 26; 7317.2; 08-MAY-2008 13:23:22; Dark ; 43.0; 54; 5The Cen ; 2.06; 4500;occ; 86; 0;32356
 27; 7567.9; 08-MAY-2008 13:27:32; Bright; 37.0; 169; 46Gam Hya ; 2.99; 4700;occ; 74; 0;32356

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 3; 2108.6; 08-MAY-2008 13:37:09; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32357
 4; 2222.1; 08-MAY-2008 13:39:02; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32357
 5; 2565.1; 08-MAY-2008 13:44:45; Bright; 33.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 67; 0;32357
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 7; 2840.9; 08-MAY-2008 13:49:21; Bright; 36.5; 55; 79Zet UMa ; 2.06; 10200;occ; 73; 0;32357
 8; 3026.6; 08-MAY-2008 13:52:27; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;32357
 9; 3198.2; 08-MAY-2008 13:55:18; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32357
 10; 3445.7; 08-MAY-2008 13:59:26; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32357
 11; 3934.1; 08-MAY-2008 14:07:34; Bright; 51.0; 76; 27Gam Cas ; 2.30; 30000;occ; 102; 0;32357
 12; 4008.8; 08-MAY-2008 14:08:49; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32357
 13; 4498.2; 08-MAY-2008 14:16:58; Bright; 36.5; 58; 21Alp And ; 2.07; 11000;occ; 73; 0;32357
 14; 4736.9; 08-MAY-2008 14:20:57; Dark ; 39.5; 140; 88Gam Peg ; 2.83; 26000;occ; 79; 0;32357
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 17; 5757.9; 08-MAY-2008 14:37:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32357
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 21; 6292.8; 08-MAY-2008 14:46:53; Dark ; 40.0; 45; Alp Pav ; 1.94; 26000;occ; 80; 0;32357

22; 6652.3; 08-MAY-2008 14:52:52; Dark ; 38.0; 43; Alp TrA ; 1.91; 4250;occ; 76; 0;32357
 23; 6784.1; 08-MAY-2008 14:55:04; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32357
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 25; 7106.9; 08-MAY-2008 15:00:27; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;32357
 26; 7198.0; 08-MAY-2008 15:01:58; Dark ; 40.0; 81; Eta Cen ; 2.36; 28000;occ; 80; 0;32357
 27; 7317.4; 08-MAY-2008 15:03:58; Dark ; 43.5; 54; 5The Cen ; 2.06; 4500;occ; 87; 0;32357

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 3; 1532.3; 08-MAY-2008 16:48:44; Bright; 38.0; 169; 46Gam Hya ; 2.99; 4700;occ; 76; 0;32359
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 5; 2109.0; 08-MAY-2008 16:58:21; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;32359
 6; 2221.9; 08-MAY-2008 17:00:14; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32359
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 10; 3027.1; 08-MAY-2008 17:13:39; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;32359
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 12; 3445.6; 08-MAY-2008 17:20:38; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32359
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 15; 4498.6; 08-MAY-2008 17:38:11; Bright; 43.5; 58; 21Alp And ; 2.07; 11000;occ; 87; 0;32359
 16; 4737.3; 08-MAY-2008 17:42:09; Dark ; 39.0; 140; 88Gam Peg ; 2.83; 26000;occ; 78; 0;32359
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 18; 5607.9; 08-MAY-2008 17:56:40; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;32359
 19; 5758.7; 08-MAY-2008 17:59:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32359
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 22; 6090.9; 08-MAY-2008 18:04:43; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32359
 23; 6294.2; 08-MAY-2008 18:08:06; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32359
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 7; 309.5; 13-MAY-2008 22:13:17; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32434
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 9; 771.2; 13-MAY-2008 22:20:58; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32434
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 17; 2221.7; 13-MAY-2008 22:45:09; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;32434
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 21; 3052.0; 13-MAY-2008 22:58:59; Bright; 36.5; 36; 50Alp UMa ; 1.80; 6300;occ; 73; 0;32434
 22; 3186.6; 13-MAY-2008 23:01:14; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32434
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19; 2745.8; 14-MAY-2008 00:34:29; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32435
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22; 3186.5; 14-MAY-2008 00:41:49; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32435
23; 3446.0; 14-MAY-2008 00:46:09; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32435
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13; 768.8; 13-MAY-2008 07:15:32; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32425
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17; 1294.6; 13-MAY-2008 07:24:18; Dark ; 43.5; 54; 5The Cen ; 2.06; 4500;occ; 87; 0;32425
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4; 2574.6; 13-MAY-2008 07:45:38; Bright; 34.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 68; 0;32425
5; 2746.5; 13-MAY-2008 07:48:30; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32425
6; 2840.6; 13-MAY-2008 07:50:04; Bright; 35.0; 55; 79Zet UMa ; 2.06; 10200;occ; 70; 0;32425
7; 3048.9; 13-MAY-2008 07:53:33; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;32425
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6; 2840.5; 13-MAY-2008 09:30:40; Bright; 36.0; 55; 79Zet UMa ; 2.06; 10200;occ; 72; 0;32426
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15; 5572.7; 14-MAY-2008 09:44:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32440
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18; 6015.9; 14-MAY-2008 09:51:59; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;32440
19; 6127.0; 14-MAY-2008 09:53:50; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32440
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22; 6809.3; 14-MAY-2008 10:05:12; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32440
23; 6913.0; 14-MAY-2008 10:06:56; Dark ; 48.0; 4; Alp1Cen ; -0.01; 5800;occ; 96; 0;32440
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25; 7217.5; 14-MAY-2008 10:12:00; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32440
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 13; 5282.8; 14-MAY-2008 11:20:21; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32441
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 18; 6127.5; 14-MAY-2008 11:34:26; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32441
 19; 6351.1; 14-MAY-2008 11:38:10; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32441
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 21; 6809.5; 14-MAY-2008 11:45:48; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32441
 22; 6913.1; 14-MAY-2008 11:47:32; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;32441
 23; 7127.1; 14-MAY-2008 11:51:06; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;32441
 24; 7217.6; 14-MAY-2008 11:52:36; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32441
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 4; 2222.1; 14-MAY-2008 12:09:57; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32442
 5; 2574.1; 14-MAY-2008 12:15:49; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32442
 6; 2745.8; 14-MAY-2008 12:18:40; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;32442
 7; 2841.1; 14-MAY-2008 12:20:16; Bright; 52.0; 55; 79Zet UMa ; 2.06; 10200;occ; 104; 0;32442
 8; 3054.8; 14-MAY-2008 12:23:49; Bright; 33.0; 36; 50Alp UMa ; 1.80; 6300;occ; 66; 0;32442
 9; 3185.6; 14-MAY-2008 12:26:00; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32442
 10; 3446.2; 14-MAY-2008 12:30:21; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32442
 11; 3937.7; 14-MAY-2008 12:38:32; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32442
 12; 4011.5; 14-MAY-2008 12:39:46; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32442
 13; 4759.3; 14-MAY-2008 12:52:14; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32442
 14; 5283.1; 14-MAY-2008 13:00:58; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32442
 15; 5573.1; 14-MAY-2008 13:05:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32442
 16; 5691.8; 14-MAY-2008 13:07:46; Dark ; 42.0; 84; Alp Phe ; 2.40; 4500;occ; 84; 0;32442
 17; 5930.6; 14-MAY-2008 13:11:45; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;32442
 18; 6017.4; 14-MAY-2008 13:13:12; Dark ; 35.0; 31; Alp Gru ; 1.73; 15200;occ; 70; 0;32442
 19; 6128.0; 14-MAY-2008 13:15:02; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32442
 20; 6351.8; 14-MAY-2008 13:18:46; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32442
 21; 6678.9; 14-MAY-2008 13:24:13; Dark ; 41.5; 43; Alp TrA ; 1.91; 4250;occ; 83; 0;32442
 22; 6809.9; 14-MAY-2008 13:26:24; Dark ; 36.0; 134; Bet TrA ; 2.81; 6600;occ; 72; 0;32442
 23; 6913.4; 14-MAY-2008 13:28:08; Dark ; 43.5; 4; Alp1Cen ; -0.01; 5800;occ; 87; 0;32442
 24; 7127.4; 14-MAY-2008 13:31:42; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;32442
 25; 7218.0; 14-MAY-2008 13:33:13; Dark ; 37.0; 81; Eta Cen ; 2.36; 28000;occ; 74; 0;32442
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 3; 2125.8; 14-MAY-2008 13:48:56; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32443
 4; 2222.2; 14-MAY-2008 13:50:33; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32443
 5; 2574.0; 14-MAY-2008 13:56:24; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;32443
 6; 2745.8; 14-MAY-2008 13:59:16; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32443
 7; 2841.3; 14-MAY-2008 14:00:52; Bright; 35.0; 55; 79Zet UMa ; 2.06; 10200;occ; 70; 0;32443
 8; 3055.3; 14-MAY-2008 14:04:26; Bright; 33.0; 36; 50Alp UMa ; 1.80; 6300;occ; 66; 0;32443
 9; 3185.6; 14-MAY-2008 14:06:36; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32443
 10; 3446.2; 14-MAY-2008 14:10:57; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32443
 11; 3937.8; 14-MAY-2008 14:19:08; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32443
 12; 4011.6; 14-MAY-2008 14:20:22; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;32443
 13; 4760.0; 14-MAY-2008 14:32:50; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32443
 14; 5283.5; 14-MAY-2008 14:41:34; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32443

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 16; 5692.3; 14-MAY-2008 14:48:23; Dark ; 41.0; 84; Alp Phe ; 2.40; 4500;occ; 82; 0;32443
 17; 5931.3; 14-MAY-2008 14:52:22; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32443
 18; 6018.2; 14-MAY-2008 14:53:49; Dark ; 35.0; 31; Alp Gru ; 1.73; 15200;occ; 70; 0;32443
 19; 6128.5; 14-MAY-2008 14:55:39; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32443
 20; 6352.5; 14-MAY-2008 14:59:23; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32443
 21; 6679.2; 14-MAY-2008 15:04:50; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;32443
 22; 6810.2; 14-MAY-2008 15:07:01; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32443
 23; 6913.7; 14-MAY-2008 15:08:44; Dark ; 45.5; 4; Alp1Cen ; -0.01; 5800;occ; 91; 0;32443
 24; 7127.6; 14-MAY-2008 15:12:18; Dark ; 37.5; 78; Alp Lup ; 2.30; 28000;occ; 75; 0;32443
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 3; 1742.6; 14-MAY-2008 15:23:09; Bright; 37.5; 15; 67Alp Vir ; 0.98; 28000;occ; 75; 0;32444
 4; 2125.9; 14-MAY-2008 15:29:32; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32444
 5; 2222.3; 14-MAY-2008 15:31:09; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;32444
 6; 2573.8; 14-MAY-2008 15:37:00; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32444
 7; 2745.8; 14-MAY-2008 15:39:52; Bright; 33.5; 39; 85Eta UMa ; 1.85; 24000;occ; 67; 0;32444
 8; 2841.3; 14-MAY-2008 15:41:28; Bright; 33.0; 55; 79Zet UMa ; 2.06; 10200;occ; 66; 0;32444
 9; 3185.4; 14-MAY-2008 15:47:12; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32444
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 13; 4760.0; 14-MAY-2008 16:13:26; Dark ; 42.5; 140; 88Gam Peg ; 2.83; 26000;occ; 85; 0;32444
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 17; 5932.0; 14-MAY-2008 16:32:58; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32444
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 19; 6129.0; 14-MAY-2008 16:36:15; Dark ; 36.5; 148; Alp Tuc ; 2.88; 4100;occ; 73; 0;32444
 20; 6353.3; 14-MAY-2008 16:40:00; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32444
 21; 6679.6; 14-MAY-2008 16:45:26; Dark ; 38.5; 43; Alp TrA ; 1.91; 4250;occ; 77; 0;32444
 22; 6810.5; 14-MAY-2008 16:47:37; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32444
 23; 6913.9; 14-MAY-2008 16:49:20; Dark ; 41.5; 4; Alp1Cen ; -0.01; 5800;occ; 83; 0;32444
 24; 7127.8; 14-MAY-2008 16:52:54; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;32444
 25; 7218.5; 14-MAY-2008 16:54:25; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32444

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 13; 4011.6; 14-MAY-2008 17:41:34; Bright; 34.0; 68; 18Alp Cas ; 2.22; 4500;occ; 68; 0;32445
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 22; 6679.9; 14-MAY-2008 18:26:02; Dark ; 42.5; 43; Alp TrA ; 1.91; 4250;occ; 85; 0;32445
 23; 6810.9; 14-MAY-2008 18:28:13; Dark ; 35.5; 134; Bet TrA ; 2.81; 6600;occ; 71; 0;32445
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 3; 1298.5; 14-MAY-2008 18:36:57; Dark ; 41.5; 54; 5The Cen ; 2.06; 4500;occ; 83; 0;32446
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7; 2222.2; 14-MAY-2008 18:52:21; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32446
8; 2573.4; 14-MAY-2008 18:58:12; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32446
9; 2745.8; 14-MAY-2008 19:01:04; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;32446
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14; 4011.5; 14-MAY-2008 19:22:10; Bright; 34.5; 68; 18Alp Cas ; 2.22; 4500;occ; 69; 0;32446
15; 4760.5; 14-MAY-2008 19:34:39; Dark ; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;32446
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 12; 4011.7; 15-MAY-2008 17:09:57; Bright; 34.0; 68; 18Alp Cas ; 2.22; 4500;occ; 68; 0;32459
 13; 4764.3; 15-MAY-2008 17:22:30; Dark ; 38.0; 140; 88Gam Peg ; 2.83; 26000;occ; 76; 0;32459
 14; 5288.4; 15-MAY-2008 17:31:14; Dark ; 41.0; 52; 16Bet Cet ; 2.04; 4500;occ; 82; 0;32459
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 21; 6814.7; 15-MAY-2008 17:56:40; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32459
 22; 6916.4; 15-MAY-2008 17:58:22; Dark ; 48.5; 4; Alp1Cen ;-0.01; 5800;occ; 97; 0;32459
 23; 7131.1; 15-MAY-2008 18:01:56; Dark ; 35.5; 78; Alp Lup ; 2.30; 28000;occ; 71; 0;32459

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 19; 6136.6; 15-MAY-2008 19:25:58; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32460
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 22; 6814.8; 15-MAY-2008 19:37:16; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32460
 23; 6916.6; 15-MAY-2008 19:38:58; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;32460

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 11; 1301.4; 16-MAY-2008 00:47:46; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32464
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 19; 3182.6; 16-MAY-2008 01:19:08; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32464
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 21; 3937.9; 16-MAY-2008 01:31:43; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32464
 22; 4011.6; 16-MAY-2008 01:32:57; Bright; 52.5; 68; 18Alp Cas ; 2.22; 4500;occ; 105; 0;32464

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 5; 102.5; 16-MAY-2008 02:08:23; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32465

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7; 649.4; 16-MAY-2008 02:17:30; Dark ; 38.0; 43; Alp TrA ; 1.91; 4250;occ; 76; 0;32465
8; 780.0; 16-MAY-2008 02:19:41; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32465
9; 881.2; 16-MAY-2008 02:21:22; Dark ; 47.5; 4; Alp1Cen ;-0.01; 5800;occ; 95; 0;32465
10; 1096.2; 16-MAY-2008 02:24:57; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;32465
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 13; 4011.6; 16-MAY-2008 21:40:08; Bright; 37.5; 68; 18Alp Cas ; 2.22; 4500;occ; 75; 0;32476
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 18; 2842.9; 16-MAY-2008 23:01:15; Bright; 33.0; 55; 79Zet UMa ; 2.06; 10200;occ; 66; 0;32477
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 7; 653.4; 17-MAY-2008 00:05:21; Dark ; 38.0; 43; Alp TrA ; 1.91; 4250;occ; 76; 0;32478
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 9; 883.5; 17-MAY-2008 00:09:11; Dark ; 47.5; 4; Alp1Cen ; -0.01; 5800;occ; 95; 0;32478
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 12; 1303.9; 17-MAY-2008 00:16:12; Dark ; 43.0; 54; 5The Cen ; 2.06; 4500;occ; 86; 0;32478
 13; 1618.6; 17-MAY-2008 00:21:27; Bright; 38.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 76; 0;32478
 14; 1749.0; 17-MAY-2008 00:23:37; Bright; 37.0; 15; 67Alp Vir ; 0.98; 28000;occ; 74; 0;32478
 15; 2224.0; 17-MAY-2008 00:31:32; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32478
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 17; 2745.4; 17-MAY-2008 00:40:13; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32478
 18; 2843.0; 17-MAY-2008 00:41:51; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32478
 19; 3181.0; 17-MAY-2008 00:47:29; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32478
 20; 3446.1; 17-MAY-2008 00:51:54; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32478
 21; 3938.2; 17-MAY-2008 01:00:06; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32478
 22; 4011.6; 17-MAY-2008 01:01:20; Bright; 53.5; 68; 18Alp Cas ; 2.22; 4500;occ; 107; 0;32478

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 7; 104.1; 16-MAY-2008 07:10:13; Dark ; 46.0; 148; Alp Tuc ; 2.88; 4100;occ; 92; 0;32468
 8; 333.5; 16-MAY-2008 07:14:02; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32468
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13; 1187.3; 16-MAY-2008 07:28:16; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32468
14; 1302.4; 16-MAY-2008 07:30:11; Dark ; 44.5; 54; 5The Cen ; 2.06; 4500;occ; 89; 0;32468
15; 1617.5; 16-MAY-2008 07:35:26; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32468
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 3; 2223.5; 16-MAY-2008 07:45:32; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32468
 4; 2569.7; 16-MAY-2008 07:51:18; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32468
 5; 2745.5; 16-MAY-2008 07:54:14; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32468
 6; 2842.5; 16-MAY-2008 07:55:51; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32468
 7; 3182.3; 16-MAY-2008 08:01:31; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32468
 8; 3446.2; 16-MAY-2008 08:05:55; Bright; 32.0; 49; 1Alp UMi ; 1.99; 6300;occ; 64; 0;32468
 9; 3938.1; 16-MAY-2008 08:14:07; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32468
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11; 5291.3; 16-MAY-2008 08:36:40; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32468
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13; 5699.7; 16-MAY-2008 08:43:28; Dark ; 41.5; 84; Alp Phe ; 2.40; 4500;occ; 83; 0;32468
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21; 7223.4; 16-MAY-2008 09:08:52; Dark ; 40.0; 81; Eta Cen ; 2.36; 28000;occ; 80; 0;32468
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 3; 2223.7; 16-MAY-2008 09:26:08; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32469
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 5; 2745.6; 16-MAY-2008 09:34:50; Bright; 42.5; 39; 85Eta UMa ; 1.85; 24000;occ; 85; 0;32469
 6; 2842.5; 16-MAY-2008 09:36:27; Bright; 35.0; 55; 79Zet UMa ; 2.06; 10200;occ; 70; 0;32469
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 8; 3446.3; 16-MAY-2008 09:46:31; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32469
 9; 3938.1; 16-MAY-2008 09:54:43; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32469
10; 4011.7; 16-MAY-2008 09:55:56; Bright; 41.0; 68; 18Alp Cas ; 2.22; 4500;occ; 82; 0;32469
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12; 5578.8; 16-MAY-2008 10:22:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32469
13; 5700.0; 16-MAY-2008 10:24:05; Dark ; 41.5; 84; Alp Phe ; 2.40; 4500;occ; 83; 0;32469
14; 5948.0; 16-MAY-2008 10:28:13; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;32469
15; 6141.0; 16-MAY-2008 10:31:26; Dark ; 46.5; 148; Alp Tuc ; 2.88; 4100;occ; 93; 0;32469
16; 6370.8; 16-MAY-2008 10:35:15; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32469
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18; 6817.3; 16-MAY-2008 10:42:42; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32469
19; 6918.2; 16-MAY-2008 10:44:23; Dark ; 40.5; 4; Alp1Cen ; -0.01; 5800;occ; 81; 0;32469
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 3; 2223.6; 16-MAY-2008 11:06:44; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32470
 4; 2569.4; 16-MAY-2008 11:12:30; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32470
 5; 2745.5; 16-MAY-2008 11:15:26; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;32470
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 8; 3446.2; 16-MAY-2008 11:27:07; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32470
 9; 3938.0; 16-MAY-2008 11:35:19; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32470
10; 4011.7; 16-MAY-2008 11:36:32; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32470
11; 5291.8; 16-MAY-2008 11:57:52; Dark ; 41.5; 52; 16Bet Cet ; 2.04; 4500;occ; 83; 0;32470

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 4; 2223.7; 16-MAY-2008 14:27:56; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32472
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 7; 2842.7; 16-MAY-2008 14:38:15; Bright; 33.5; 55; 79Zet UMa ; 2.06; 10200;occ; 67; 0;32472
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 9; 3446.4; 16-MAY-2008 14:48:19; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32472
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 11; 4011.7; 16-MAY-2008 14:57:44; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;32472
 12; 5292.7; 16-MAY-2008 15:19:05; Dark ; 40.5; 52; 16Bet Cet ; 2.04; 4500;occ; 81; 0;32472
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 21; 7134.0; 16-MAY-2008 15:49:46; Dark ; 36.5; 78; Alp Lup ; 2.30; 28000;occ; 73; 0;32472
 22; 7224.1; 16-MAY-2008 15:51:16; Dark ; 38.0; 81; Eta Cen ; 2.36; 28000;occ; 76; 0;32472
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 5; 2223.8; 16-MAY-2008 16:08:32; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;32473
 6; 2569.0; 16-MAY-2008 16:14:17; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32473
 7; 2745.6; 16-MAY-2008 16:17:14; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32473


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9; 3181.7; 16-MAY-2008 16:24:30; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32473
10; 3446.3; 16-MAY-2008 16:28:55; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32473
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12; 4011.7; 16-MAY-2008 16:38:20; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32473
13; 5293.0; 16-MAY-2008 16:59:41; Dark ; 43.0; 52; 16Bet Cet ; 2.04; 4500;occ; 86; 0;32473
14; 5579.7; 16-MAY-2008 17:04:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32473
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6; 1174.3; 17-MAY-2008 03:35:14; Dark ; 53.0; 75; 26Eps Sco ; 2.29; 4250;occ; 106; 0;32480
7; 1357.1; 17-MAY-2008 03:38:17; Dark ; 55.5; 16; 21Alp Sco ; 1.02; 3000;occ; 111; 0;32480
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9; 1619.0; 17-MAY-2008 03:42:39; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32480
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11; 2042.1; 17-MAY-2008 03:49:42; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32480
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16; 3082.7; 17-MAY-2008 04:07:03; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32480
17; 3181.0; 17-MAY-2008 04:08:41; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32480
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9; 110.4; 17-MAY-2008 04:58:06; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32481
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14; 1174.7; 17-MAY-2008 05:15:50; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32481
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21; 2379.3; 17-MAY-2008 05:35:55; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;32481
22; 2567.8; 17-MAY-2008 05:39:04; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32481
23; 2745.7; 17-MAY-2008 05:42:01; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32481
24; 3082.2; 17-MAY-2008 05:47:38; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32481
25; 3180.9; 17-MAY-2008 05:49:17; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32481
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5; 1512.5; 17-MAY-2008 20:26:52; Bright; 43.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 86; 0;32490
6; 1620.2; 17-MAY-2008 20:28:40; Bright; 37.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 75; 0;32490
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8; 2039.5; 17-MAY-2008 20:35:39; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32490
9; 2234.4; 17-MAY-2008 20:38:54; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;32490
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14; 3179.8; 17-MAY-2008 20:54:39; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;32490
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16; 3938.3; 17-MAY-2008 21:07:18; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32490
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19; 4773.7; 17-MAY-2008 21:21:13; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32490
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8; 774.6; 17-MAY-2008 21:55:10; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32491
9; 932.4; 17-MAY-2008 21:57:48; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32491
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11; 1179.0; 17-MAY-2008 22:01:54; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;32491
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14; 1620.4; 17-MAY-2008 22:09:16; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32491
15; 1729.3; 17-MAY-2008 22:11:04; Bright; 39.0; 104; 27Bet Lib ; 2.61; 13100;occ; 78; 0;32491
16; 2039.2; 17-MAY-2008 22:16:14; Bright; 42.0; 102; 24Alp Ser ; 2.60; 4250;occ; 84; 0;32491
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23; 3446.3; 17-MAY-2008 22:39:41; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32491
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27; 4774.0; 17-MAY-2008 23:01:49; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32491
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6; 115.8; 17-MAY-2008 23:24:47; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32492
7; 350.3; 17-MAY-2008 23:28:41; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32492
8; 775.0; 17-MAY-2008 23:35:46; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32492
9; 933.0; 17-MAY-2008 23:38:24; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;32492
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15; 1729.3; 17-MAY-2008 23:51:40; Bright; 39.0; 104; 27Bet Lib ; 2.61; 13100;occ; 78; 0;32492
16; 2039.0; 17-MAY-2008 23:56:50; Bright; 42.0; 102; 24Alp Ser ; 2.60; 4250;occ; 84; 0;32492
17; 2234.5; 18-MAY-2008 00:00:06; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;32492
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22; 3179.5; 18-MAY-2008 00:15:51; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32492
23; 3446.3; 18-MAY-2008 00:20:17; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32492
24; 3938.3; 18-MAY-2008 00:28:29; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;32492
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27; 4774.4; 18-MAY-2008 00:42:25; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32492
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 23; 6383.6; 17-MAY-2008 16:46:15; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32487
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 26; 7078.4; 17-MAY-2008 16:57:50; Dark ; 38.0; 25; 35Lam Sco ; 1.62; 28000;occ; 76; 0;32487
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 23; 6150.4; 17-MAY-2008 18:22:58; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32488
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 11; 2566.8; 17-MAY-2008 19:03:50; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32489
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 22; 5812.4; 17-MAY-2008 19:57:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32489
 23; 5961.3; 17-MAY-2008 20:00:25; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32489
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 22; 3179.4; 18-MAY-2008 01:56:26; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32493
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21; 6981.1; 19-MAY-2008 09:10:35; Dark ; 50.5; 40; The Sco ; 1.86; 7100;occ; 101; 0;32511
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23; 7224.0; 19-MAY-2008 09:14:38; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;32511
24; 7402.3; 19-MAY-2008 09:17:36; Dark ; 55.5; 16; 21Alp Sco ; 1.02; 3000;occ; 111; 0;32511
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 3; 2234.9; 19-MAY-2008 09:32:05; Bright; 37.5; 3; 16Alp Boo ; -0.05; 4250;occ; 75; 0;32512
 4; 2375.0; 19-MAY-2008 09:34:25; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;32512
 5; 2564.1; 19-MAY-2008 09:37:34; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32512
 6; 2746.3; 19-MAY-2008 09:40:36; Bright; 33.5; 39; 85Eta UMa ; 1.85; 24000;occ; 67; 0;32512
 7; 3068.4; 19-MAY-2008 09:45:58; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32512
 8; 3177.5; 19-MAY-2008 09:47:47; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;32512
 9; 3446.4; 19-MAY-2008 09:52:16; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32512
10; 3938.2; 19-MAY-2008 10:00:28; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32512
11; 4011.1; 19-MAY-2008 10:01:41; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32512
12; 4523.7; 19-MAY-2008 10:10:13; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32512
13; 4780.8; 19-MAY-2008 10:14:30; Dark ; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;32512
14; 5306.6; 19-MAY-2008 10:23:16; Dark ; 40.5; 52; 16Bet Cet ; 2.04; 4500;occ; 81; 0;32512
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16; 5823.5; 19-MAY-2008 10:31:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32512
17; 5976.8; 19-MAY-2008 10:34:27; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;32512
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19; 6401.1; 19-MAY-2008 10:41:31; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32512
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23; 7224.2; 19-MAY-2008 10:55:14; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;32512
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 4; 2374.9; 19-MAY-2008 11:15:00; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32513
 5; 2564.0; 19-MAY-2008 11:18:10; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32513
 6; 2746.3; 19-MAY-2008 11:21:12; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32513
 7; 3177.4; 19-MAY-2008 11:28:23; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32513
 8; 3446.4; 19-MAY-2008 11:32:52; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;32513
 9; 3938.0; 19-MAY-2008 11:41:04; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;32513
10; 4011.0; 19-MAY-2008 11:42:17; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32513
11; 4523.8; 19-MAY-2008 11:50:49; Dark ; 45.0; 58; 21Alp And ; 2.07; 11000;occ; 90; 0;32513
12; 4781.1; 19-MAY-2008 11:55:07; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32513

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 16; 5977.6; 19-MAY-2008 12:15:03; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;32513
 17; 6072.6; 19-MAY-2008 12:16:38; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32513
 18; 6401.9; 19-MAY-2008 12:22:07; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32513
 19; 6821.6; 19-MAY-2008 12:29:07; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;32513
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 21; 7093.7; 19-MAY-2008 12:33:39; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32513
 22; 7224.7; 19-MAY-2008 12:35:50; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32513
 23; 7402.9; 19-MAY-2008 12:38:48; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32513
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 4; 2235.0; 19-MAY-2008 12:53:16; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32514
 5; 2374.7; 19-MAY-2008 12:55:36; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32514
 6; 2563.9; 19-MAY-2008 12:58:45; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32514
 7; 2746.4; 19-MAY-2008 13:01:48; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32514
 8; 3067.5; 19-MAY-2008 13:07:09; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32514
 9; 3177.3; 19-MAY-2008 13:08:59; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32514
 10; 3446.5; 19-MAY-2008 13:13:28; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32514
 11; 3938.3; 19-MAY-2008 13:21:40; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32514
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 19; 6073.5; 19-MAY-2008 13:57:15; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32514
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 22; 6982.9; 19-MAY-2008 14:12:24; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32514
 23; 7094.3; 19-MAY-2008 14:14:16; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;32514
 24; 7225.3; 19-MAY-2008 14:16:27; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;32514
 25; 7403.2; 19-MAY-2008 14:19:25; Dark ; 62.0; 16; 21Alp Sco ; 1.02; 3000;occ; 124; 0;32514
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 3; 1730.7; 19-MAY-2008 14:25:28; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32515
 4; 2034.1; 19-MAY-2008 14:30:31; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32515
 5; 2235.1; 19-MAY-2008 14:33:52; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32515
 6; 2374.8; 19-MAY-2008 14:36:12; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32515
 7; 2563.8; 19-MAY-2008 14:39:21; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32515
 8; 2746.5; 19-MAY-2008 14:42:24; Bright; 35.0; 39; 85Eta UMa ; 1.85; 24000;occ; 70; 0;32515
 9; 3067.2; 19-MAY-2008 14:47:45; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32515
 10; 3177.3; 19-MAY-2008 14:49:35; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32515
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 12; 3938.3; 19-MAY-2008 15:02:16; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;32515
 13; 4011.2; 19-MAY-2008 15:03:29; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32515
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 16; 5307.9; 19-MAY-2008 15:25:05; Dark ; 41.5; 52; 16Bet Cet ; 2.04; 4500;occ; 83; 0;32515
 17; 5728.6; 19-MAY-2008 15:32:06; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;32515
 18; 5825.0; 19-MAY-2008 15:33:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32515
 19; 5979.2; 19-MAY-2008 15:36:17; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;32515
 20; 6074.3; 19-MAY-2008 15:37:52; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32515
 21; 6403.3; 19-MAY-2008 15:43:21; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32515
 22; 6822.7; 19-MAY-2008 15:50:20; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32515
 23; 6983.6; 19-MAY-2008 15:53:01; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32515
 24; 7095.1; 19-MAY-2008 15:54:52; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32515
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3; 1623.8; 19-MAY-2008 16:04:17; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32516
4; 1730.8; 19-MAY-2008 16:06:04; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32516
5; 2033.9; 19-MAY-2008 16:11:07; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32516
6; 2235.2; 19-MAY-2008 16:14:28; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32516
7; 2374.6; 19-MAY-2008 16:16:48; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32516
8; 2563.7; 19-MAY-2008 16:19:57; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32516
9; 2746.5; 19-MAY-2008 16:23:00; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32516
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14; 4011.1; 19-MAY-2008 16:44:04; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32516
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17; 5729.5; 19-MAY-2008 17:12:43; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;32516
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19; 5979.8; 19-MAY-2008 17:16:53; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;32516
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22; 6823.1; 19-MAY-2008 17:30:56; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32516
23; 6984.2; 19-MAY-2008 17:33:38; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32516
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4; 1367.8; 19-MAY-2008 17:40:37; Dark ; 57.5; 16; 21Alp Sco ; 1.02; 3000;occ; 115; 0;32517
5; 1517.1; 19-MAY-2008 17:43:06; Bright; 44.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 88; 0;32517
6; 1624.0; 19-MAY-2008 17:44:53; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32517
7; 1730.8; 19-MAY-2008 17:46:40; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;32517
8; 2033.7; 19-MAY-2008 17:51:43; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32517
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26; 6823.6; 19-MAY-2008 19:11:33; Dark ; 48.0; 141; Bet Ara ; 2.84; 4600;occ; 96; 0;32517
27; 6984.7; 19-MAY-2008 19:14:14; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32517

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17; 6827.7; 20-MAY-2008 10:17:00; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32526
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 5; 2372.0; 21-MAY-2008 11:52:20; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32542
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13; 4791.2; 21-MAY-2008 12:32:39; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;32542
14; 5318.4; 21-MAY-2008 12:41:26; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32542
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 9; 2028.0; 21-MAY-2008 20:09:35; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;32547
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13; 3053.8; 21-MAY-2008 20:26:41; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32547
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15; 3446.6; 21-MAY-2008 20:33:14; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32547
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12; 1521.9; 21-MAY-2008 21:41:45; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32548
13; 1628.3; 21-MAY-2008 21:43:31; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32548
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 6; 801.8; 21-MAY-2008 23:10:21; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32549
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 8; 1077.4; 21-MAY-2008 23:14:57; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32549
 9; 1202.8; 21-MAY-2008 23:17:02; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;32549
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 12; 1628.4; 21-MAY-2008 23:24:07; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32549
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 20; 3173.8; 21-MAY-2008 23:49:53; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;32549
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 23; 4009.9; 22-MAY-2008 00:03:49; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32549
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 3; 2028.8; 21-MAY-2008 13:27:12; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32543
 4; 2236.5; 21-MAY-2008 13:30:40; Bright; 34.5; 3; 16Alp Boo ;-0.05; 4250;occ; 69; 0;32543
 5; 2372.0; 21-MAY-2008 13:32:55; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32543
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 3; 1732.8; 21-MAY-2008 15:02:52; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32544

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10; 3937.5; 22-MAY-2008 08:25:36; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;32554
11; 4009.9; 22-MAY-2008 08:26:49; Bright; 42.0; 68; 18Alp Cas ; 2.22; 4500;occ; 84; 0;32554
12; 4530.9; 22-MAY-2008 08:35:30; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32554
13; 4795.6; 22-MAY-2008 08:39:54; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32554
14; 5323.4; 22-MAY-2008 08:48:42; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32554

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15; 5845.1; 22-MAY-2008 08:57:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32554
 16; 6006.9; 22-MAY-2008 09:00:06; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;32554
 17; 6094.0; 22-MAY-2008 09:01:33; Dark ; 46.0; 172; Gam Gru ; 3.00; 13100;occ; 92; 0;32554
 18; 6184.0; 22-MAY-2008 09:03:03; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32554
 19; 6430.9; 22-MAY-2008 09:07:10; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32554
 20; 6840.7; 22-MAY-2008 09:13:59; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32554
 21; 7005.7; 22-MAY-2008 09:16:44; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32554
 22; 7116.9; 22-MAY-2008 09:18:36; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32554
 23; 7241.2; 22-MAY-2008 09:20:40; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32554
 24; 7414.1; 22-MAY-2008 09:23:33; Dark ; 54.0; 16; 21Alp Sco ; 1.02; 3000;occ; 108; 0;32554
 25; 7559.2; 22-MAY-2008 09:25:58; Bright; 39.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 78; 0;32554
 26; 7665.3; 22-MAY-2008 09:27:44; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32554
 27; 7769.5; 22-MAY-2008 09:29:28; Bright; 27.5; 104; 27Bet Lib ; 2.61; 13100;occ; 55; 0;32554

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 2; 1841.9; 22-MAY-2008 09:31:17; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32555
 3; 2026.8; 22-MAY-2008 09:34:21; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32555
 4; 2237.3; 22-MAY-2008 09:37:52; Bright; 37.0; 3; 16Alp Boo ;-0.05; 4250;occ; 74; 0;32555
 5; 2371.2; 22-MAY-2008 09:40:06; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32555
 6; 2561.0; 22-MAY-2008 09:43:16; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32555
 7; 3050.8; 22-MAY-2008 09:51:25; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32555
 8; 3173.5; 22-MAY-2008 09:53:28; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32555
 9; 3446.7; 22-MAY-2008 09:58:01; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32555
 10; 3937.4; 22-MAY-2008 10:06:12; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32555
 11; 4009.8; 22-MAY-2008 10:07:24; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;32555
 12; 4531.1; 22-MAY-2008 10:16:06; Dark ; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;32555
 13; 4795.8; 22-MAY-2008 10:20:30; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32555
 14; 5323.8; 22-MAY-2008 10:29:19; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32555
 15; 5845.6; 22-MAY-2008 10:38:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32555
 16; 6007.6; 22-MAY-2008 10:40:42; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;32555
 17; 6095.1; 22-MAY-2008 10:42:10; Dark ; 46.0; 172; Gam Gru ; 3.00; 13100;occ; 92; 0;32555
 18; 6184.5; 22-MAY-2008 10:43:39; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32555
 19; 6431.6; 22-MAY-2008 10:47:46; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32555
 20; 6841.1; 22-MAY-2008 10:54:36; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;32555
 21; 7006.4; 22-MAY-2008 10:57:21; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32555
 22; 7117.4; 22-MAY-2008 10:59:12; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32555
 23; 7241.5; 22-MAY-2008 11:01:16; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32555
 24; 7414.3; 22-MAY-2008 11:04:09; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;32555
 25; 7559.3; 22-MAY-2008 11:06:34; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32555
 26; 7665.3; 22-MAY-2008 11:08:20; Bright; 35.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 71; 0;32555

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 2; 1841.8; 22-MAY-2008 11:11:52; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32556
 3; 2026.6; 22-MAY-2008 11:14:57; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32556
 4; 2237.3; 22-MAY-2008 11:18:28; Bright; 46.0; 3; 16Alp Boo ;-0.05; 4250;occ; 92; 0;32556
 5; 2371.0; 22-MAY-2008 11:20:42; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32556
 6; 2560.9; 22-MAY-2008 11:23:51; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32556
 7; 3050.3; 22-MAY-2008 11:32:01; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32556
 8; 3173.3; 22-MAY-2008 11:34:04; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32556
 9; 3446.7; 22-MAY-2008 11:38:37; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32556
 10; 3937.3; 22-MAY-2008 11:46:48; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;32556
 11; 4009.7; 22-MAY-2008 11:48:00; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32556
 12; 4531.2; 22-MAY-2008 11:56:42; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32556
 13; 4796.1; 22-MAY-2008 12:01:07; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32556
 14; 5324.2; 22-MAY-2008 12:09:55; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32556
 15; 5846.1; 22-MAY-2008 12:18:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32556
 16; 6008.4; 22-MAY-2008 12:21:19; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;32556
 17; 6096.4; 22-MAY-2008 12:22:47; Dark ; 42.0; 172; Gam Gru ; 3.00; 13100;occ; 84; 0;32556
 18; 6185.1; 22-MAY-2008 12:24:16; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32556
 19; 6432.2; 22-MAY-2008 12:28:23; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32556
 20; 6841.5; 22-MAY-2008 12:35:12; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32556
 21; 7006.9; 22-MAY-2008 12:37:57; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32556
 22; 7117.9; 22-MAY-2008 12:39:48; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32556
 23; 7241.9; 22-MAY-2008 12:41:52; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32556
 24; 7414.5; 22-MAY-2008 12:44:45; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;32556
 25; 7559.3; 22-MAY-2008 12:47:10; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32556
 26; 7665.5; 22-MAY-2008 12:48:56; Bright; 35.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 70; 0;32556

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1; 973.8; 22-MAY-2008 21:01:00; Dark ; 50.5; 40; The Sco ; 1.86; 7100;occ; 101; 0;32562
 2; 1084.6; 22-MAY-2008 21:02:51; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;32562
 3; 1207.8; 22-MAY-2008 21:04:54; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32562
 4; 1379.9; 22-MAY-2008 21:07:46; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32562
 5; 1524.2; 22-MAY-2008 21:10:10; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32562
 6; 1630.3; 22-MAY-2008 21:11:57; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32562
 7; 1734.1; 22-MAY-2008 21:13:40; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32562
 8; 1841.1; 22-MAY-2008 21:15:27; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32562
 9; 2025.7; 22-MAY-2008 21:18:32; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32562
 10; 2370.6; 22-MAY-2008 21:24:17; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;32562
 11; 2560.6; 22-MAY-2008 21:27:27; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;32562
 12; 3048.0; 22-MAY-2008 21:35:34; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32562
 13; 3172.8; 22-MAY-2008 21:37:39; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32562
 14; 3446.6; 22-MAY-2008 21:42:13; Bright; 52.0; 49; 1Alp UMi ; 1.99; 6300;occ; 104; 0;32562
 15; 3937.2; 22-MAY-2008 21:50:23; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;32562
 16; 4009.3; 22-MAY-2008 21:51:36; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32562
 17; 4532.3; 22-MAY-2008 22:00:19; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32562
 18; 4798.3; 22-MAY-2008 22:04:45; Dark ; 42.5; 140; 88Gam Peg ; 2.83; 26000;occ; 85; 0;32562

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 2; -186.5; 22-MAY-2008 22:22:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32562
 3; -23.2; 22-MAY-2008 22:24:59; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;32562
 4; 67.5; 22-MAY-2008 22:26:30; Dark ; 31.0; 172; Gam Gru ; 3.00; 13100;occ; 62; 0;32563
 5; 152.2; 22-MAY-2008 22:27:54; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32563
 6; 400.5; 22-MAY-2008 22:32:03; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32563
 7; 808.2; 22-MAY-2008 22:38:50; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32563
 8; 974.3; 22-MAY-2008 22:41:36; Dark ; 45.0; 40; The Sco ; 1.86; 7100;occ; 90; 0;32563
 9; 1085.1; 22-MAY-2008 22:43:27; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32563
 10; 1208.1; 22-MAY-2008 22:45:30; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32563
 11; 1380.1; 22-MAY-2008 22:48:22; Dark ; 57.5; 16; 21Alp Sco ; 1.02; 3000;occ; 115; 0;32563
 12; 1524.3; 22-MAY-2008 22:50:46; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32563
 13; 1630.5; 22-MAY-2008 22:52:33; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32563
 14; 1734.2; 22-MAY-2008 22:54:16; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32563
 15; 1841.1; 22-MAY-2008 22:56:03; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32563
 16; 2025.6; 22-MAY-2008 22:59:08; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32563
 17; 2370.6; 22-MAY-2008 23:04:53; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32563
 18; 2560.5; 22-MAY-2008 23:08:03; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32563
 19; 3047.5; 22-MAY-2008 23:16:10; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32563
 20; 3172.8; 22-MAY-2008 23:18:15; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32563
 21; 3446.7; 22-MAY-2008 23:22:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32563
 22; 3937.1; 22-MAY-2008 23:30:59; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32563
 23; 4009.3; 22-MAY-2008 23:32:11; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32563
 24; 4532.5; 22-MAY-2008 23:40:55; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32563
 25; 4798.6; 22-MAY-2008 23:45:21; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32563
 26; 5327.2; 22-MAY-2008 23:54:09; Dark ; 9.5; 52; 16Bet Cet ; 2.04; 4500;occ; 19; 0;32563

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 2; -186.0; 23-MAY-2008 00:02:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32563
 3; -22.4; 23-MAY-2008 00:05:36; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32563
 4; 68.7; 23-MAY-2008 00:07:07; Dark ; 31.0; 172; Gam Gru ; 3.00; 13100;occ; 62; 0;32564
 5; 152.6; 23-MAY-2008 00:08:31; Dark ; 41.5; 148; Alp Tuc ; 2.88; 4100;occ; 83; 0;32564
 6; 401.1; 23-MAY-2008 00:12:39; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32564
 7; 808.6; 23-MAY-2008 00:19:27; Dark ; 48.5; 141; Bet Ara ; 2.84; 4600;occ; 97; 0;32564
 8; 974.7; 23-MAY-2008 00:22:13; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32564
 9; 1085.5; 23-MAY-2008 00:24:03; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;32564
 10; 1208.6; 23-MAY-2008 00:26:07; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32564
 11; 1380.4; 23-MAY-2008 00:28:58; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32564
 12; 1524.5; 23-MAY-2008 00:31:22; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32564
 13; 1630.6; 23-MAY-2008 00:33:09; Bright; 35.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 70; 0;32564
 14; 1734.4; 23-MAY-2008 00:34:52; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32564
 15; 1840.8; 23-MAY-2008 00:36:39; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32564
 16; 2025.4; 23-MAY-2008 00:39:43; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32564
 17; 2370.5; 23-MAY-2008 00:45:28; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32564
 18; 2560.4; 23-MAY-2008 00:48:38; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32564
 19; 3047.1; 23-MAY-2008 00:56:45; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32564
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 21; 3446.7; 23-MAY-2008 01:03:25; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32564
 22; 3937.1; 23-MAY-2008 01:11:35; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;32564

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23; 4009.2; 23-MAY-2008 01:12:47; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;32564
24; 4380.7; 23-MAY-2008 01:18:59; Bright; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;32564
25; 4532.6; 23-MAY-2008 01:21:31; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;32564
26; 4798.9; 23-MAY-2008 01:25:57; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32564
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 2; 1733.7; 22-MAY-2008 12:50:40; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32557
 3; 1841.7; 22-MAY-2008 12:52:28; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32557
 4; 2026.5; 22-MAY-2008 12:55:33; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32557
 5; 2237.5; 22-MAY-2008 12:59:04; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;32557
 6; 2371.0; 22-MAY-2008 13:01:17; Bright; 34.5; 83; ; 2.38; 11000;occ; 69; 0;32557
 7; 2560.9; 22-MAY-2008 13:04:27; Bright; 33.5; 180; 27Gam Boo ; 3.04; 8000;occ; 67; 0;32557
 8; 3050.0; 22-MAY-2008 13:12:36; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32557
 9; 3173.3; 22-MAY-2008 13:14:40; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32557
10; 3446.8; 22-MAY-2008 13:19:13; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32557
11; 3937.5; 22-MAY-2008 13:27:24; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32557
12; 4009.7; 22-MAY-2008 13:28:36; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32557
13; 4531.4; 22-MAY-2008 13:37:18; Dark ; 43.0; 58; 21Alp And ; 2.07; 11000;occ; 86; 0;32557
14; 4796.5; 22-MAY-2008 13:41:43; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32557
15; 5324.7; 22-MAY-2008 13:50:31; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32557
16; 5846.7; 22-MAY-2008 13:59:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32557
17; 6009.2; 22-MAY-2008 14:01:56; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;32557
18; 6097.6; 22-MAY-2008 14:03:24; Dark ; 42.0; 172; Gam Gru ; 3.00; 13100;occ; 84; 0;32557
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21; 6842.0; 22-MAY-2008 14:15:48; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32557
22; 7007.5; 22-MAY-2008 14:18:34; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32557
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 6; 2370.9; 22-MAY-2008 14:41:53; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32558
 7; 2560.8; 22-MAY-2008 14:45:03; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32558
 8; 3049.6; 22-MAY-2008 14:53:12; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32558
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10; 3446.8; 22-MAY-2008 14:59:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32558
11; 3937.5; 22-MAY-2008 15:08:00; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32558
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13; 4531.9; 22-MAY-2008 15:17:54; Dark ; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;32558
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16; 5847.3; 22-MAY-2008 15:39:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32558
17; 6009.9; 22-MAY-2008 15:42:32; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;32558
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19; 6186.2; 22-MAY-2008 15:45:29; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32558
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 4; 1734.0; 22-MAY-2008 16:11:52; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32559
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 7; 2370.8; 22-MAY-2008 16:22:29; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32559
 8; 2560.8; 22-MAY-2008 16:25:39; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32559
 9; 3049.2; 22-MAY-2008 16:33:47; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32559
10; 3173.2; 22-MAY-2008 16:35:51; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32559
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 16; 5325.6; 22-MAY-2008 17:11:44; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;32559
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 22; 6843.0; 22-MAY-2008 17:37:01; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32559
 23; 7008.7; 22-MAY-2008 17:39:47; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32559

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 6; 1629.9; 22-MAY-2008 17:50:44; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32560
 7; 1734.1; 22-MAY-2008 17:52:28; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32560
 8; 1841.3; 22-MAY-2008 17:54:16; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;32560
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 13; 3173.1; 22-MAY-2008 18:16:27; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32560
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 18; 4797.6; 22-MAY-2008 18:43:32; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32560
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 22; 6101.1; 22-MAY-2008 19:05:15; Dark ; 35.0; 172; Gam Gru ; 3.00; 13100;occ; 70; 0;32560
 23; 6187.2; 22-MAY-2008 19:06:41; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32560
 24; 6435.1; 22-MAY-2008 19:10:49; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32560
 25; 6843.4; 22-MAY-2008 19:17:38; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32560
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 5; 1524.1; 22-MAY-2008 19:29:34; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32561
 6; 1630.1; 22-MAY-2008 19:31:20; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32561
 7; 1734.1; 22-MAY-2008 19:33:04; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32561
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 22; 6102.2; 22-MAY-2008 20:45:52; Dark ; 35.0; 172; Gam Gru ; 3.00; 13100;occ; 70; 0;32561
 23; 6187.7; 22-MAY-2008 20:47:18; Dark ; 38.0; 148; Alp Tuc ; 2.88; 4100;occ; 76; 0;32561
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 25; 6843.8; 22-MAY-2008 20:58:14; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32561

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4; 69.8; 23-MAY-2008 01:47:44; Dark ; 27.0; 172; Gam Gru ; 3.00; 13100;occ; 54; 0;32565
5; 153.3; 23-MAY-2008 01:49:07; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32565
6; 401.9; 23-MAY-2008 01:53:16; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32565
7; 809.1; 23-MAY-2008 02:00:03; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32565
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14; 1734.4; 23-MAY-2008 02:15:28; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32565
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9; 154.4; 23-MAY-2008 05:10:20; Dark ; 42.5; 148; Alp Tuc ; 2.88; 4100;occ; 85; 0;32567
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11; 810.1; 23-MAY-2008 05:21:16; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;32567
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14; 1209.7; 23-MAY-2008 05:27:56; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32567
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17; 1631.3; 23-MAY-2008 05:34:57; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32567
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20; 2025.0; 23-MAY-2008 05:41:31; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32567
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24; 3172.6; 23-MAY-2008 06:00:38; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32567
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 4; 1383.5; 23-MAY-2008 20:36:13; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32576
 5; 1526.5; 23-MAY-2008 20:38:36; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32576
 6; 1632.3; 23-MAY-2008 20:40:22; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32576
 7; 1735.4; 23-MAY-2008 20:42:05; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32576
 8; 1839.8; 23-MAY-2008 20:43:49; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32576
 9; 2023.8; 23-MAY-2008 20:46:53; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32576
10; 2369.9; 23-MAY-2008 20:52:39; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;32576
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12; 3042.6; 23-MAY-2008 21:03:52; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32576
13; 3171.8; 23-MAY-2008 21:06:01; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;32576
14; 3446.8; 23-MAY-2008 21:10:36; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32576
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16; 4008.7; 23-MAY-2008 21:19:58; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32576
17; 4382.2; 23-MAY-2008 21:26:11; Bright; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;32576
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19; 4803.5; 23-MAY-2008 21:33:13; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32576
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 5; 89.2; 23-MAY-2008 21:55:14; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32577
 6; 410.4; 23-MAY-2008 22:00:36; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32577
 7; 814.4; 23-MAY-2008 22:07:20; Dark ; 38.5; 141; Bet Ara ; 2.84; 4600;occ; 77; 0;32577
 8; 981.8; 23-MAY-2008 22:10:07; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32577
 9; 1092.4; 23-MAY-2008 22:11:58; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32577
10; 1213.4; 23-MAY-2008 22:13:59; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32577
11; 1383.8; 23-MAY-2008 22:16:49; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32577
12; 1526.6; 23-MAY-2008 22:19:12; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32577
13; 1638.5; 23-MAY-2008 22:21:04; Bright; 30.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 60; 0;32577
14; 1735.4; 23-MAY-2008 22:22:41; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32577
15; 1839.7; 23-MAY-2008 22:24:25; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32577
16; 2023.6; 23-MAY-2008 22:27:29; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32577
17; 2370.0; 23-MAY-2008 22:33:15; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32577
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19; 3042.3; 23-MAY-2008 22:44:27; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32577
20; 3171.8; 23-MAY-2008 22:46:37; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;32577
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22; 3936.7; 23-MAY-2008 22:59:22; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;32577
23; 4008.6; 23-MAY-2008 23:00:34; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32577
24; 4382.3; 23-MAY-2008 23:06:47; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32577
25; 4534.8; 23-MAY-2008 23:09:20; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32577
26; 4803.9; 23-MAY-2008 23:13:49; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32577
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 3; -178.3; 23-MAY-2008 23:31:23; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32577
 4; -11.9; 23-MAY-2008 23:34:09; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32577
 5; 90.0; 23-MAY-2008 23:35:51; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32578
 6; 411.1; 23-MAY-2008 23:41:12; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32578
 7; 814.8; 23-MAY-2008 23:47:56; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32578
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 9; 1092.9; 23-MAY-2008 23:52:34; Dark ; 52.0; 25; 35Lam Sco ; 1.62; 28000;occ; 104; 0;32578
10; 1213.8; 23-MAY-2008 23:54:35; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32578
11; 1384.0; 23-MAY-2008 23:57:25; Dark ; 52.0; 16; 21Alp Sco ; 1.02; 3000;occ; 104; 0;32578
12; 1526.8; 23-MAY-2008 23:59:48; Bright; 40.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 80; 0;32578
13; 1735.5; 24-MAY-2008 00:03:17; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32578
14; 1839.5; 24-MAY-2008 00:05:01; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32578
15; 2023.5; 24-MAY-2008 00:08:04; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32578

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 18; 3041.8; 24-MAY-2008 00:25:03; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32578
 19; 3171.7; 24-MAY-2008 00:27:13; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32578
 20; 3446.7; 24-MAY-2008 00:31:48; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32578
 21; 3936.6; 24-MAY-2008 00:39:58; Bright; 52.0; 76; 27Gam Cas ; 2.30; 30000;occ; 104; 0;32578
 22; 4008.5; 24-MAY-2008 00:41:09; Bright; 54.5; 68; 18Alp Cas ; 2.22; 4500;occ; 109; 0;32578
 23; 4382.4; 24-MAY-2008 00:47:23; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32578
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 25; 4804.2; 24-MAY-2008 00:54:25; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32578
 26; 5333.9; 24-MAY-2008 01:03:15; Dark ; 39.5; 52; 16Bet Cet ; 2.04; 4500;occ; 79; 0;32578

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 4;-1502.8; 23-MAY-2008 06:23:19; Dark ; 49.0; 58; 21Alp And ; 2.07; 11000;occ; 98; 0;32567
 5;-1235.8; 23-MAY-2008 06:27:46; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32567
 6; -706.9; 23-MAY-2008 06:36:35; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32567
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 9; 81.5; 23-MAY-2008 06:49:43; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32568
 10; 404.1; 23-MAY-2008 06:55:06; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32568
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 12; 977.0; 23-MAY-2008 07:04:39; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32568
 13; 1087.8; 23-MAY-2008 07:06:30; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32568
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 4; 2370.3; 23-MAY-2008 07:27:52; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32568
 5; 2560.4; 23-MAY-2008 07:31:02; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32568
 6; 3045.7; 23-MAY-2008 07:39:07; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32568
 7; 3172.5; 23-MAY-2008 07:41:14; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32568
 8; 3446.9; 23-MAY-2008 07:45:49; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32568
 9; 3937.0; 23-MAY-2008 07:53:59; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32568
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 13; 4800.6; 23-MAY-2008 08:08:22; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32568
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 16; 5852.6; 23-MAY-2008 08:25:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32568
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 19; 6440.7; 23-MAY-2008 08:35:42; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32568
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 22; 7124.3; 23-MAY-2008 08:47:06; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32568
 23; 7246.4; 23-MAY-2008 08:49:08; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32568
 24; 7417.8; 23-MAY-2008 08:52:00; Dark ; 58.0; 16; 21Alp Sco ; 1.02; 3000;occ; 116; 0;32568
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 27; 7770.8; 23-MAY-2008 08:57:53; Bright; 10.0; 104; 27Bet Lib ; 2.61; 13100;occ; 20; 0;32568

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 6; 3045.3; 23-MAY-2008 09:19:43; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32569
 7; 3172.4; 23-MAY-2008 09:21:50; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32569
 8; 3446.7; 23-MAY-2008 09:26:24; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32569
 9; 3936.9; 23-MAY-2008 09:34:35; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32569


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 2; -295.4; 24-MAY-2008 01:10:01; Dark ; 44.0; 84; Alp Phe ; 2.40; 4500;occ; 88; 0;32578
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 2; 412.5; 24-MAY-2008 03:02:25; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32580
 3; 815.9; 24-MAY-2008 03:09:09; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;32580
 4; 983.5; 24-MAY-2008 03:11:56; Dark ; 52.0; 40; The Sco ; 1.86; 7100;occ; 104; 0;32580
 5; 1094.0; 24-MAY-2008 03:13:47; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;32580
 6; 1214.6; 24-MAY-2008 03:15:47; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32580
 7; 1384.6; 24-MAY-2008 03:18:37; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32580
 8; 1527.3; 24-MAY-2008 03:21:00; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32580
 9; 1735.8; 24-MAY-2008 03:24:29; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32580
10; 1839.4; 24-MAY-2008 03:26:12; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32580
11; 2023.3; 24-MAY-2008 03:29:16; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32580
12; 2369.8; 24-MAY-2008 03:35:03; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32580
13; 2560.0; 24-MAY-2008 03:38:13; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32580
14; 3041.2; 24-MAY-2008 03:46:14; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32580
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6;-1230.8; 24-MAY-2008 04:15:38; Dark ; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;32580
7; -701.0; 24-MAY-2008 04:24:28; Dark ; 43.0; 52; 16Bet Cet ; 2.04; 4500;occ; 86; 0;32580
8; -176.7; 24-MAY-2008 04:33:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32580
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11; 413.2; 24-MAY-2008 04:43:02; Dark ; 40.0; 45; Alp Pav ; 1.94; 26000;occ; 80; 0;32581
12; 816.3; 24-MAY-2008 04:49:45; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32581
13; 984.0; 24-MAY-2008 04:52:33; Dark ; 44.5; 40; The Sco ; 1.86; 7100;occ; 89; 0;32581
14; 1094.6; 24-MAY-2008 04:54:23; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;32581
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17; 1527.4; 24-MAY-2008 05:01:36; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32581
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19; 1839.3; 24-MAY-2008 05:06:48; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32581
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21; 2369.8; 24-MAY-2008 05:15:39; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32581
22; 2560.0; 24-MAY-2008 05:18:49; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32581
23; 3040.8; 24-MAY-2008 05:26:50; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32581
24; 3171.5; 24-MAY-2008 05:29:00; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32581
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6;-1230.6; 24-MAY-2008 05:56:14; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32581
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11; 413.9; 24-MAY-2008 06:23:39; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32582
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13; 984.6; 24-MAY-2008 06:33:09; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32582
14; 1095.0; 24-MAY-2008 06:35:00; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32582
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17; 1527.5; 24-MAY-2008 06:42:12; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32582
18; 1736.0; 24-MAY-2008 06:45:41; Bright; 35.5; 104; 27Bet Lib ; 2.61; 13100;occ; 71; 0;32582
19; 1839.2; 24-MAY-2008 06:47:24; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32582
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21; 2369.7; 24-MAY-2008 06:56:14; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32582
22; 3040.4; 24-MAY-2008 07:07:25; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32582
23; 3171.4; 24-MAY-2008 07:09:36; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32582
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15; 1215.7; 24-MAY-2008 08:17:36; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32583
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22; 7421.5; 24-MAY-2008 10:01:02; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32583
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4; 101.3; 24-MAY-2008 21:23:49; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32591
5; 420.0; 24-MAY-2008 21:29:08; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32591
6; 820.5; 24-MAY-2008 21:35:49; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32591
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9; 1218.5; 24-MAY-2008 21:42:27; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32591
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11; 1529.0; 24-MAY-2008 21:47:37; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32591
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6; 3171.2; 24-MAY-2008 12:11:24; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32585
7; 3687.3; 24-MAY-2008 12:20:00; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;32585
8; 3936.5; 24-MAY-2008 12:24:09; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32585
9; 4008.3; 24-MAY-2008 12:25:21; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;32585

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13; 5337.2; 24-MAY-2008 12:47:30; Dark ; 41.0; 52; 16Bet Cet ; 2.04; 4500;occ; 82; 0;32585
14; 5862.0; 24-MAY-2008 12:56:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32585
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7; 3686.9; 24-MAY-2008 14:00:35; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;32586
8; 3936.6; 24-MAY-2008 14:04:45; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32586
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18; 5864.4; 24-MAY-2008 19:38:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32589
19; 6033.2; 24-MAY-2008 19:41:29; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;32589
20; 6136.3; 24-MAY-2008 19:43:13; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32589
21; 6455.4; 24-MAY-2008 19:48:32; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32589
22; 6856.0; 24-MAY-2008 19:55:12; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32589
23; 7024.6; 24-MAY-2008 19:58:01; Dark ; 26.5; 40; The Sco ; 1.86; 7100;occ; 53; 0;32589

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3; -0.5; 25-MAY-2008 00:43:19; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32592
4; 103.0; 25-MAY-2008 00:45:03; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32593
5; 421.6; 25-MAY-2008 00:50:21; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32593
6; 821.3; 25-MAY-2008 00:57:01; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32593
7; 990.2; 25-MAY-2008 00:59:50; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32593
8; 1100.5; 25-MAY-2008 01:01:40; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;32593
9; 1219.2; 25-MAY-2008 01:03:39; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32593
10; 1387.7; 25-MAY-2008 01:06:28; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32593
11; 1529.2; 25-MAY-2008 01:08:49; Bright; 39.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 79; 0;32593
12; 1736.9; 25-MAY-2008 01:12:17; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32593
13; 1838.2; 25-MAY-2008 01:13:58; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32593
14; 2021.4; 25-MAY-2008 01:17:01; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32593
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16; 3036.2; 25-MAY-2008 01:33:56; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32593
17; 3170.5; 25-MAY-2008 01:36:10; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;32593
18; 3683.1; 25-MAY-2008 01:44:43; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32593
19; 3935.9; 25-MAY-2008 01:48:56; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;32593
20; 4007.7; 25-MAY-2008 01:50:08; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32593
21; 4384.1; 25-MAY-2008 01:56:24; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32593
22; 4537.8; 25-MAY-2008 01:58:58; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32593
23; 4810.0; 25-MAY-2008 02:03:30; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32593

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4; 103.9; 25-MAY-2008 02:25:40; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32594
5; 422.3; 25-MAY-2008 02:30:58; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32594
6; 821.8; 25-MAY-2008 02:37:37; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32594
7; 990.8; 25-MAY-2008 02:40:27; Dark ; 52.0; 40; The Sco ; 1.86; 7100;occ; 104; 0;32594
8; 1101.0; 25-MAY-2008 02:42:17; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;32594
9; 1219.6; 25-MAY-2008 02:44:15; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32594
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11; 1529.4; 25-MAY-2008 02:49:25; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32594
12; 1737.0; 25-MAY-2008 02:52:53; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32594
13; 1838.2; 25-MAY-2008 02:54:34; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32594
14; 2021.4; 25-MAY-2008 02:57:37; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32594
15; 2369.2; 25-MAY-2008 03:03:25; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;32594
16; 3035.8; 25-MAY-2008 03:14:32; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32594
17; 3170.5; 25-MAY-2008 03:16:46; Bright; 33.0; 60; 7Bet UMi ; 2.08; 3950;occ; 66; 0;32594
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3; -1651.7; 25-MAY-2008 03:37:00; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32594
4; -1497.9; 25-MAY-2008 03:39:34; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;32594
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6; -694.6; 25-MAY-2008 03:52:57; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32594
7; -168.8; 25-MAY-2008 04:01:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32594
8; 1.2; 25-MAY-2008 04:04:33; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32595
9; 104.9; 25-MAY-2008 04:06:17; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32595
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11; 822.3; 25-MAY-2008 04:18:14; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32595
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13; 1101.6; 25-MAY-2008 04:22:53; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32595
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17; 1737.2; 25-MAY-2008 04:33:29; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32595
18; 1838.1; 25-MAY-2008 04:35:10; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32595
19; 2021.5; 25-MAY-2008 04:38:13; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32595
20; 2369.4; 25-MAY-2008 04:44:01; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32595
21; 3035.6; 25-MAY-2008 04:55:07; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32595
22; 3170.6; 25-MAY-2008 04:57:22; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32595
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2; 1106.5; 25-MAY-2008 21:08:58; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;32605
3; 1223.4; 25-MAY-2008 21:10:55; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;32605
4; 1351.5; 25-MAY-2008 21:13:03; Dark ; 43.5; 136; 23Tau Sco ; 2.82; 30000;occ; 87; 0;32605
5; 1531.0; 25-MAY-2008 21:16:02; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32605
6; 1738.0; 25-MAY-2008 21:19:29; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;32605
7; 1837.4; 25-MAY-2008 21:21:09; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32605
8; 2020.3; 25-MAY-2008 21:24:11; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32605
9; 2369.1; 25-MAY-2008 21:30:00; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32605
10; 3031.9; 25-MAY-2008 21:41:03; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32605
11; 3169.8; 25-MAY-2008 21:43:21; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32605
12; 3676.5; 25-MAY-2008 21:51:48; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32605
13; 3935.3; 25-MAY-2008 21:56:06; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32605
14; 4006.9; 25-MAY-2008 21:57:18; Bright; 56.0; 68; 18Alp Cas ; 2.22; 4500;occ; 112; 0;32605
15; 4385.4; 25-MAY-2008 22:03:37; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;32605
16; 4539.9; 25-MAY-2008 22:06:11; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32605
17; 4814.9; 25-MAY-2008 22:10:46; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32605
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3; 9.6; 25-MAY-2008 22:31:17; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;32606
4; 114.4; 25-MAY-2008 22:33:01; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32606
5; 430.7; 25-MAY-2008 22:38:18; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32606
6; 826.8; 25-MAY-2008 22:44:54; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32606
7; 1052.9; 25-MAY-2008 22:48:40; Dark ; 25.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 50; 0;32606
8; 1107.0; 25-MAY-2008 22:49:34; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32606
9; 1223.7; 25-MAY-2008 22:51:31; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32606
10; 1351.7; 25-MAY-2008 22:53:39; Dark ; 44.5; 136; 23Tau Sco ; 2.82; 30000;occ; 89; 0;32606

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12; 1738.1; 25-MAY-2008 23:00:05; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32606
13; 1837.3; 25-MAY-2008 23:01:44; Bright; 42.0; 120; 1Del Oph ; 2.73; 3200;occ; 84; 0;32606
14; 2020.1; 25-MAY-2008 23:04:47; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32606
15; 2369.1; 25-MAY-2008 23:10:36; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;32606
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19; 3935.3; 25-MAY-2008 23:36:42; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;32606
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21; 4385.5; 25-MAY-2008 23:44:12; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32606
22; 4540.1; 25-MAY-2008 23:46:47; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32606
23; 4815.3; 25-MAY-2008 23:51:22; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;32606
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 3; -2028.4; 25-MAY-2008 06:51:55; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32596
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 5; -1497.4; 25-MAY-2008 07:00:46; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;32596
 6; -1224.8; 25-MAY-2008 07:05:19; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;32596
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12; 823.2; 25-MAY-2008 07:39:27; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32597
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15; 1220.7; 25-MAY-2008 07:46:04; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32597
16; 1388.9; 25-MAY-2008 07:48:53; Dark ; 53.0; 16; 21Alp Sco ; 1.02; 3000;occ; 106; 0;32597
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13; 5342.9; 25-MAY-2008 08:54:47; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32597
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22; 7385.6; 25-MAY-2008 09:28:49; Dark ; 41.0; 136; 23Tau Sco ; 2.82; 30000;occ; 82; 0;32597
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 9; 4007.5; 25-MAY-2008 10:13:07; Bright; 40.0; 68; 18Alp Cas ; 2.22; 4500;occ; 80; 0;32598
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11; 4538.8; 25-MAY-2008 10:21:58; Dark ; 50.5; 58; 21Alp And ; 2.07; 11000;occ; 101; 0;32598

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13;	5343.3;	25-MAY-2008	10:35:23;	Dark	;	46.5;	52;	16Bet Cet	;	2.04;	4500;occ;	93;	0;	32598
14;	5869.4;	25-MAY-2008	10:44:09;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	32598
15;	6040.2;	25-MAY-2008	10:47:00;	Dark	;	54.0;	63;	Bet Gru	;	2.15;	2800;occ;	108;	0;	32598
16;	6144.2;	25-MAY-2008	10:48:44;	Dark	;	44.0;	31;	Alp Gru	;	1.73;	15200;occ;	88;	0;	32598
17;	6461.8;	25-MAY-2008	10:54:01;	Dark	;	40.5;	45;	Alp Pav	;	1.94;	26000;occ;	81;	0;	32598
18;	6859.9;	25-MAY-2008	11:00:40;	Dark	;	41.0;	141;	Bet Ara	;	2.84;	4600;occ;	82;	0;	32598
19;	7029.3;	25-MAY-2008	11:03:29;	Dark	;	51.5;	40;	The Sco	;	1.86;	7100;occ;	103;	0;	32598
20;	7139.5;	25-MAY-2008	11:05:19;	Dark	;	50.0;	25;	35Lam Sco	;	1.62;	28000;occ;	100;	0;	32598
21;	7257.2;	25-MAY-2008	11:07:17;	Dark	;	47.5;	75;	26Eps Sco	;	2.29;	4250;occ;	95;	0;	32598
22;	7385.8;	25-MAY-2008	11:09:25;	Dark	;	40.5;	136;	23Tau Sco	;	2.82;	30000;occ;	81;	0;	32598
23;	7566.0;	25-MAY-2008	11:12:26;	Bright;		40.0;	97;	8Bet1Sco	;	2.56;	30000;occ;	80;	0;	32598
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2;	1837.8;	25-MAY-2008	11:17:33;	Bright;		42.5;	120;	1Del Oph	;	2.73;	3200;occ;	85;	0;	32599
3;	2021.0;	25-MAY-2008	11:20:36;	Bright;		38.5;	102;	24Alp Ser	;	2.60;	4250;occ;	77;	0;	32599
4;	2369.2;	25-MAY-2008	11:26:25;	Bright;		37.5;	83;		;	2.38;	11000;occ;	75;	0;	32599
5;	3034.0;	25-MAY-2008	11:37:29;	Bright;		38.5;	119;	14Eta Dra	;	2.73;	4700;occ;	77;	0;	32599
6;	3170.3;	25-MAY-2008	11:39:46;	Bright;		35.5;	60;	7Bet UMi	;	2.08;	3950;occ;	71;	0;	32599
7;	3680.0;	25-MAY-2008	11:48:15;	Bright;		46.5;	89;	5Alp Cep	;	2.45;	8000;occ;	93;	0;	32599
8;	3935.6;	25-MAY-2008	11:52:31;	Bright;		36.0;	76;	27Gam Cas	;	2.30;	30000;occ;	72;	0;	32599
9;	4007.3;	25-MAY-2008	11:53:43;	Bright;		37.0;	68;	18Alp Cas	;	2.22;	4500;occ;	74;	0;	32599
10;	4384.8;	25-MAY-2008	12:00:00;	Bright;		39.0;	53;	43Bet And	;	2.05;	3300;occ;	78;	0;	32599
11;	4538.9;	25-MAY-2008	12:02:34;	Dark	;	49.0;	58;	21Alp And	;	2.07;	11000;occ;	98;	0;	32599
12;	4812.4;	25-MAY-2008	12:07:08;	Dark	;	46.0;	140;	88Gam Peg	;	2.83;	26000;occ;	92;	0;	32599
13;	5343.8;	25-MAY-2008	12:15:59;	Dark	;	42.5;	52;	16Bet Cet	;	2.04;	4500;occ;	85;	0;	32599
14;	5870.0;	25-MAY-2008	12:24:45;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	32599
15;	6040.9;	25-MAY-2008	12:27:36;	Dark	;	46.5;	63;	Bet Gru	;	2.15;	2800;occ;	93;	0;	32599
16;	6145.0;	25-MAY-2008	12:29:20;	Dark	;	44.0;	31;	Alp Gru	;	1.73;	15200;occ;	88;	0;	32599
17;	6462.5;	25-MAY-2008	12:34:38;	Dark	;	42.0;	45;	Alp Pav	;	1.94;	26000;occ;	84;	0;	32599
18;	6860.4;	25-MAY-2008	12:41:16;	Dark	;	42.0;	141;	Bet Ara	;	2.84;	4600;occ;	84;	0;	32599
19;	7029.8;	25-MAY-2008	12:44:05;	Dark	;	47.0;	40;	The Sco	;	1.86;	7100;occ;	94;	0;	32599
20;	7140.0;	25-MAY-2008	12:45:55;	Dark	;	48.0;	25;	35Lam Sco	;	1.62;	28000;occ;	96;	0;	32599
21;	7257.6;	25-MAY-2008	12:47:53;	Dark	;	45.0;	75;	26Eps Sco	;	2.29;	4250;occ;	90;	0;	32599
22;	7386.1;	25-MAY-2008	12:50:02;	Dark	;	44.0;	136;	23Tau Sco	;	2.82;	30000;occ;	88;	0;	32599
23;	7566.2;	25-MAY-2008	12:53:02;	Bright;		40.0;	97;	8Bet1Sco	;	2.56;	30000;occ;	80;	0;	32599
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2;	-2100.0;	25-MAY-2008	05:10:08;	Bright;		54.0;	76;	27Gam Cas	;	2.30;	30000;occ;	108;	0;	32595
3;	-2028.3;	25-MAY-2008	05:11:19;	Bright;		55.0;	68;	18Alp Cas	;	2.22;	4500;occ;	110;	0;	32595
4;	-1651.5;	25-MAY-2008	05:17:36;	Bright;		48.0;	53;	43Bet And	;	2.05;	3300;occ;	96;	0;	32595
5;	-1497.7;	25-MAY-2008	05:20:10;	Dark	;	46.5;	58;	21Alp And	;	2.07;	11000;occ;	93;	0;	32595
6;	-1224.9;	25-MAY-2008	05:24:43;	Dark	;	46.0;	140;	88Gam Peg	;	2.83;	26000;occ;	92;	0;	32595
7;	-694.0;	25-MAY-2008	05:33:34;	Dark	;	43.5;	52;	16Bet Cet	;	2.04;	4500;occ;	87;	0;	32595
8;	-168.2;	25-MAY-2008	05:42:20;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	32595
9;	1.9;	25-MAY-2008	05:45:10;	Dark	;	59.0;	63;	Bet Gru	;	2.15;	2800;occ;	118;	0;	32596
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11;	423.7;	25-MAY-2008	05:52:11;	Dark	;	41.0;	45;	Alp Pav	;	1.94;	26000;occ;	82;	0;	32596
12;	822.8;	25-MAY-2008	05:58:50;	Dark	;	39.0;	141;	Bet Ara	;	2.84;	4600;occ;	78;	0;	32596
13;	991.9;	25-MAY-2008	06:01:40;	Dark	;	50.5;	40;	The Sco	;	1.86;	7100;occ;	101;	0;	32596
14;	1102.0;	25-MAY-2008	06:03:30;	Dark	;	51.5;	25;	35Lam Sco	;	1.62;	28000;occ;	103;	0;	32596
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16;	1388.7;	25-MAY-2008	06:08:16;	Dark	;	59.0;	16;	21Alp Sco	;	1.02;	3000;occ;	118;	0;	32596
17;	1529.8;	25-MAY-2008	06:10:37;	Bright;		40.0;	97;	8Bet1Sco	;	2.56;	30000;occ;	80;	0;	32596
18;	1737.3;	25-MAY-2008	06:14:05;	Bright;		35.5;	104;	27Bet Lib	;	2.61;	13100;occ;	71;	0;	32596
19;	1838.1;	25-MAY-2008	06:15:46;	Bright;		42.5;	120;	1Del Oph	;	2.73;	3200;occ;	85;	0;	32596
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21;	2369.3;	25-MAY-2008	06:24:37;	Bright;		37.0;	83;		;	2.38;	11000;occ;	74;	0;	32596
22;	3035.2;	25-MAY-2008	06:35:43;	Bright;		40.0;	119;	14Eta Dra	;	2.73;	4700;occ;	80;	0;	32596
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3;	2021.0;	25-MAY-2008	13:01:12;	Bright;		38.5;	102;	24Alp Ser	;	2.60;	4250;occ;	77;	0;	32600
4;	2369.2;	25-MAY-2008	13:07:01;	Bright;		34.5;	83;		;	2.38;	11000;occ;	69;	0;	32600
5;	3033.8;	25-MAY-2008	13:18:05;	Bright;		40.5;	119;	14Eta Dra	;	2.73;	4700;occ;	81;	0;	32600
6;	3170.3;	25-MAY-2008	13:20:22;	Bright;		38.0;	60;	7Bet UMi	;	2.08;	3950;occ;	76;	0;	32600
7;	3935.8;	25-MAY-2008	13:33:07;	Bright;		35.5;	76;	27Gam Cas	;	2.30;	30000;occ;	71;	0;	32600

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11; 4812.9; 25-MAY-2008 13:47:44; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32600
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20; 7140.9; 25-MAY-2008 16:07:08; Dark ; 46.0; 25; 35Lam Sco ; 1.62; 28000;occ; 92; 0;32601
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6; 2020.7; 25-MAY-2008 16:22:24; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32602
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17; 5871.8; 25-MAY-2008 17:26:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32602
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3; 1222.8; 25-MAY-2008 17:49:42; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;32603
4; 1351.2; 25-MAY-2008 17:51:50; Dark ; 41.5; 136; 23Tau Sco ; 2.82; 30000;occ; 83; 0;32603
5; 1530.9; 25-MAY-2008 17:54:50; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32603
6; 1737.7; 25-MAY-2008 17:58:17; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;32603
7; 1837.6; 25-MAY-2008 17:59:57; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32603
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3; 21.5; 26-MAY-2008 23:40:27; Dark ; 58.5; 63; Bet Gru ; 2.15; 2800;occ; 117; 0;32621
4; 127.7; 26-MAY-2008 23:42:14; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32621
5; 441.3; 26-MAY-2008 23:47:27; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32621
6; 833.3; 26-MAY-2008 23:53:59; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32621
7; 1004.6; 26-MAY-2008 23:56:50; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32621
8; 1114.2; 26-MAY-2008 23:58:40; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32621
9; 1229.1; 27-MAY-2008 00:00:35; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32621
10; 1355.9; 27-MAY-2008 00:02:42; Dark ; 43.0; 136; 23Tau Sco ; 2.82; 30000;occ; 86; 0;32621
11; 1485.9; 27-MAY-2008 00:04:52; Bright; 40.5; 80; 7Del Sco ; 2.32; 30000;occ; 81; 0;32621
12; 1584.9; 27-MAY-2008 00:06:31; Bright; 47.5; 86; 35Eta Oph ; 2.43; 10200;occ; 95; 0;32621
13; 1739.7; 27-MAY-2008 00:09:06; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;32621
14; 1836.4; 27-MAY-2008 00:10:42; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32621
15; 2018.7; 27-MAY-2008 00:13:45; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32621
16; 2380.1; 27-MAY-2008 00:19:46; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;32621
17; 2566.9; 27-MAY-2008 00:22:53; Bright; 43.5; 133; 40Zet Her ; 2.81; 6000;occ; 87; 0;32621
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19; 3169.0; 27-MAY-2008 00:32:55; Bright; 32.5; 60; 7Bet UMi ; 2.08; 3950;occ; 65; 0;32621
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21; 3934.4; 27-MAY-2008 00:45:40; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;32621
22; 4387.2; 27-MAY-2008 00:53:13; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32621
23; 4543.0; 27-MAY-2008 00:55:49; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32621
24; 4821.5; 27-MAY-2008 01:00:27; Dark ; 50.0; 140; 88Gam Peg ; 2.83; 26000;occ; 100; 0;32621
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4; -1494.9; 26-MAY-2008 06:29:12; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;32610
5; -1218.9; 26-MAY-2008 06:33:48; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;32610

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8; 13.7; 26-MAY-2008 06:54:20; Dark ; 58.5; 63; Bet Gru ; 2.15; 2800;occ; 117; 0;32611
9; 118.9; 26-MAY-2008 06:56:06; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32611
10; 434.4; 26-MAY-2008 07:01:21; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32611
11; 829.1; 26-MAY-2008 07:07:56; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32611
12; 999.6; 26-MAY-2008 07:10:46; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32611
13; 1109.4; 26-MAY-2008 07:12:36; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32611
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3; 2019.7; 26-MAY-2008 07:27:46; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32611
4; 2382.3; 26-MAY-2008 07:33:49; Bright; 40.0; 67; 5Alp CrB ; 2.22; 11000;occ; 80; 0;32611
5; 2573.5; 26-MAY-2008 07:37:00; Bright; 35.0; 133; 40Zet Her ; 2.81; 6000;occ; 70; 0;32611
6; 3030.0; 26-MAY-2008 07:44:37; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32611
7; 3169.5; 26-MAY-2008 07:46:56; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;32611
8; 3673.3; 26-MAY-2008 07:55:20; Bright; 52.0; 89; 5Alp Cep ; 2.45; 8000;occ; 104; 0;32611
9; 3935.1; 26-MAY-2008 07:59:42; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32611
10; 4386.2; 26-MAY-2008 08:07:13; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;32611
11; 4541.2; 26-MAY-2008 08:09:48; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32611
12; 4817.4; 26-MAY-2008 08:14:24; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32611
13; 5349.7; 26-MAY-2008 08:23:16; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32611
14; 5877.0; 26-MAY-2008 08:32:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32611
15; 6050.4; 26-MAY-2008 08:34:57; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;32611
16; 6155.7; 26-MAY-2008 08:36:42; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32611
17; 6471.0; 26-MAY-2008 08:41:58; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32611
18; 6865.5; 26-MAY-2008 08:48:32; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32611
19; 7036.1; 26-MAY-2008 08:51:23; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32611
20; 7145.8; 26-MAY-2008 08:53:12; Dark ; 47.0; 25; 35Lam Sco ; 1.62; 28000;occ; 94; 0;32611
21; 7262.0; 26-MAY-2008 08:55:09; Dark ; 42.5; 75; 26Eps Sco ; 2.29; 4250;occ; 85; 0;32611
22; 7389.5; 26-MAY-2008 08:57:16; Dark ; 42.0; 136; 23Tau Sco ; 2.82; 30000;occ; 84; 0;32611
23; 7520.3; 26-MAY-2008 08:59:27; Bright; 40.5; 80; 7Del Sco ; 2.32; 30000;occ; 81; 0;32611
24; 7620.0; 26-MAY-2008 09:01:07; Bright; 26.0; 86; 35Eta Oph ; 2.43; 10200;occ; 52; 0;32611
25; 7774.6; 26-MAY-2008 09:03:41; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32611

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3; 2019.5; 26-MAY-2008 09:08:22; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32612
4; 2382.0; 26-MAY-2008 09:14:25; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32612
5; 2572.9; 26-MAY-2008 09:17:35; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32612
6; 3029.5; 26-MAY-2008 09:25:12; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32612
7; 3169.5; 26-MAY-2008 09:27:32; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32612
8; 3672.8; 26-MAY-2008 09:35:55; Bright; 68.0; 89; 5Alp Cep ; 2.45; 8000;occ; 136; 0;32612
9; 3935.0; 26-MAY-2008 09:40:18; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32612
10; 4386.3; 26-MAY-2008 09:47:49; Bright; 55.0; 53; 43Bet And ; 2.05; 3300;occ; 110; 0;32612
11; 4541.4; 26-MAY-2008 09:50:24; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32612
12; 4817.8; 26-MAY-2008 09:55:00; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32612
13; 5350.2; 26-MAY-2008 10:03:53; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32612
14; 5877.5; 26-MAY-2008 10:12:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32612
15; 6051.1; 26-MAY-2008 10:15:34; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;32612
16; 6156.5; 26-MAY-2008 10:17:19; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32612
17; 6471.6; 26-MAY-2008 10:22:34; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32612
18; 6865.9; 26-MAY-2008 10:29:08; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32612
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21; 7262.3; 26-MAY-2008 10:35:45; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32612
22; 7389.8; 26-MAY-2008 10:37:52; Dark ; 42.5; 136; 23Tau Sco ; 2.82; 30000;occ; 85; 0;32612
23; 7520.3; 26-MAY-2008 10:40:03; Bright; 41.5; 80; 7Del Sco ; 2.32; 30000;occ; 83; 0;32612
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2; 1837.0; 26-MAY-2008 10:45:55; Bright; 42.0; 120; 1Del Oph ; 2.73; 3200;occ; 84; 0;32613
3; 2019.5; 26-MAY-2008 10:48:58; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32613
4; 2381.9; 26-MAY-2008 10:55:00; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;32613
5; 2572.1; 26-MAY-2008 10:58:11; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32613

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8; 3672.2; 26-MAY-2008 11:16:31; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32613
9; 3934.9; 26-MAY-2008 11:20:53; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32613
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12; 4818.3; 26-MAY-2008 11:35:37; Dark ; 49.0; 140; 88Gam Peg ; 2.83; 26000;occ; 98; 0;32613
13; 5350.7; 26-MAY-2008 11:44:29; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32613
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23; 7520.5; 26-MAY-2008 12:20:39; Bright; 56.0; 80; 7Del Sco ; 2.32; 30000;occ; 112; 0;32613
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3; 2019.4; 26-MAY-2008 12:29:34; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32614
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20; 7044.5; 27-MAY-2008 13:21:42; Dark ; 43.5; 40; The Sco ; 1.86; 7100;occ; 87; 0;32628
21; 7153.8; 27-MAY-2008 13:23:31; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32628
22; 7267.7; 27-MAY-2008 13:25:25; Dark ; 44.0; 75; 26Eps Sco ; 2.29; 4250;occ; 88; 0;32628
23; 7393.9; 27-MAY-2008 13:27:31; Dark ; 43.0; 136; 23Tau Sco ; 2.82; 30000;occ; 86; 0;32628
24; 7523.4; 27-MAY-2008 13:29:41; Bright; 39.0; 80; 7Del Sco ; 2.32; 30000;occ; 78; 0;32628
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 3; 1701.4; 27-MAY-2008 16:54:27; Bright; 42.0; 98; 13Zet Oph ; 2.57; 30000;occ; 84; 0;32631
 4; 2017.9; 27-MAY-2008 16:59:43; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32631

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6; 2560.8; 27-MAY-2008 17:08:46; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32631
7; 3023.1; 27-MAY-2008 17:16:28; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32631
8; 3168.6; 27-MAY-2008 17:18:54; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32631
9; 3662.4; 27-MAY-2008 17:27:08; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;32631
10; 3933.9; 27-MAY-2008 17:31:39; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32631
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12; 4544.9; 27-MAY-2008 17:41:50; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;32631
13; 4825.9; 27-MAY-2008 17:46:31; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32631
14; 5360.1; 27-MAY-2008 17:55:25; Dark ; 47.5; 52; 16Bet Cet ; 2.04; 4500;occ; 95; 0;32631
15; 5889.0; 27-MAY-2008 18:04:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32631
16; 6066.4; 27-MAY-2008 18:07:12; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;32631
17; 6173.6; 27-MAY-2008 18:08:59; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32631
18; 6485.1; 27-MAY-2008 18:14:10; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32631
19; 6873.9; 27-MAY-2008 18:20:39; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32631
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2; 1748.8; 27-MAY-2008 13:34:02; Bright; 27.5; 104; 27Bet Lib ; 2.61; 13100;occ; 55; 0;32629
3; 1836.1; 27-MAY-2008 13:35:29; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32629
4; 2018.3; 27-MAY-2008 13:38:31; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32629
5; 2378.6; 27-MAY-2008 13:44:32; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;32629
6; 2562.1; 27-MAY-2008 13:47:35; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32629
7; 3023.7; 27-MAY-2008 13:55:17; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32629
8; 3168.6; 27-MAY-2008 13:57:42; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32629
9; 3663.5; 27-MAY-2008 14:05:57; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32629
10; 3934.1; 27-MAY-2008 14:10:27; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32629
11; 4388.2; 27-MAY-2008 14:18:01; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;32629
12; 4544.6; 27-MAY-2008 14:20:38; Dark ; 50.5; 58; 21Alp And ; 2.07; 11000;occ; 101; 0;32629
13; 4825.1; 27-MAY-2008 14:25:18; Dark ; 50.0; 140; 88Gam Peg ; 2.83; 26000;occ; 100; 0;32629
14; 5359.0; 27-MAY-2008 14:34:12; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32629
15; 5887.7; 27-MAY-2008 14:43:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32629
16; 6064.7; 27-MAY-2008 14:45:58; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;32629
17; 6171.8; 27-MAY-2008 14:47:45; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32629
18; 6483.6; 27-MAY-2008 14:52:57; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32629
19; 6873.0; 27-MAY-2008 14:59:26; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32629
20; 7045.1; 27-MAY-2008 15:02:18; Dark ; 43.5; 40; The Sco ; 1.86; 7100;occ; 87; 0;32629
21; 7154.4; 27-MAY-2008 15:04:08; Dark ; 47.0; 25; 35Lam Sco ; 1.62; 28000;occ; 94; 0;32629
22; 7268.1; 27-MAY-2008 15:06:01; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32629
23; 7394.3; 27-MAY-2008 15:08:07; Dark ; 41.0; 136; 23Tau Sco ; 2.82; 30000;occ; 82; 0;32629

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3; 2018.0; 27-MAY-2008 15:19:07; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32630
4; 2378.4; 27-MAY-2008 15:25:07; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;32630
5; 2561.5; 27-MAY-2008 15:28:11; Bright; 45.0; 133; 40Zet Her ; 2.81; 6000;occ; 90; 0;32630
6; 3023.3; 27-MAY-2008 15:35:52; Bright; 46.0; 119; 14Eta Dra ; 2.73; 4700;occ; 92; 0;32630
7; 3168.6; 27-MAY-2008 15:38:18; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32630
8; 3663.0; 27-MAY-2008 15:46:32; Bright; 68.0; 89; 5Alp Cep ; 2.45; 8000;occ; 136; 0;32630
9; 3934.1; 27-MAY-2008 15:51:03; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;32630
10; 4388.4; 27-MAY-2008 15:58:37; Bright; 52.5; 53; 43Bet And ; 2.05; 3300;occ; 105; 0;32630
11; 4544.7; 27-MAY-2008 16:01:14; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;32630
12; 4825.6; 27-MAY-2008 16:05:55; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;32630
13; 5359.5; 27-MAY-2008 16:14:49; Dark ; 41.5; 52; 16Bet Cet ; 2.04; 4500;occ; 83; 0;32630
14; 5888.4; 27-MAY-2008 16:23:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32630
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16; 6172.7; 27-MAY-2008 16:28:22; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32630
17; 6484.4; 27-MAY-2008 16:33:34; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32630
18; 6873.5; 27-MAY-2008 16:40:03; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32630
19; 7045.6; 27-MAY-2008 16:42:55; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;32630
20; 7155.1; 27-MAY-2008 16:44:44; Dark ; 45.0; 25; 35Lam Sco ; 1.62; 28000;occ; 90; 0;32630
21; 7268.4; 27-MAY-2008 16:46:38; Dark ; 46.0; 75; 26Eps Sco ; 2.29; 4250;occ; 92; 0;32630

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3; 1232.8; 27-MAY-2008 18:27:14; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32632
4; 1358.9; 27-MAY-2008 18:29:20; Dark ; 42.5; 136; 23Tau Sco ; 2.82; 30000;occ; 85; 0;32632
5; 1701.4; 27-MAY-2008 18:35:03; Bright; 43.0; 98; 13Zet Oph ; 2.57; 30000;occ; 86; 0;32632

6; 1835.8; 27-MAY-2008 18:37:17; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32632
7; 2017.9; 27-MAY-2008 18:40:19; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32632
8; 2378.0; 27-MAY-2008 18:46:19; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32632
9; 2560.2; 27-MAY-2008 18:49:21; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32632
10; 3022.6; 27-MAY-2008 18:57:04; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32632
11; 3168.5; 27-MAY-2008 18:59:30; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32632
12; 3661.9; 27-MAY-2008 19:07:43; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;32632
13; 3933.9; 27-MAY-2008 19:12:15; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;32632
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15; 4545.1; 27-MAY-2008 19:22:26; Dark ; 49.5; 58; 21Alp And ; 2.07; 11000;occ; 99; 0;32632
16; 4826.4; 27-MAY-2008 19:27:08; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32632
17; 5360.5; 27-MAY-2008 19:36:02; Dark ; 49.5; 52; 16Bet Cet ; 2.04; 4500;occ; 99; 0;32632
18; 5889.5; 27-MAY-2008 19:44:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32632
19; 6067.1; 27-MAY-2008 19:47:48; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;32632
20; 6174.4; 27-MAY-2008 19:49:36; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32632
21; 6485.7; 27-MAY-2008 19:54:47; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32632
22; 6874.2; 27-MAY-2008 20:01:15; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32632

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3; 33.6; 28-MAY-2008 00:49:38; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32636
4; 141.2; 28-MAY-2008 00:51:26; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32636
5; 451.9; 28-MAY-2008 00:56:37; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32636
6; 839.4; 28-MAY-2008 01:03:04; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32636
7; 1011.9; 28-MAY-2008 01:05:57; Dark ; 45.5; 40; The Sco ; 1.86; 7100;occ; 91; 0;32636
8; 1121.3; 28-MAY-2008 01:07:46; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32636
9; 1234.1; 28-MAY-2008 01:09:39; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;32636
10; 1359.9; 28-MAY-2008 01:11:45; Dark ; 41.0; 136; 23Tau Sco ; 2.82; 30000;occ; 82; 0;32636
11; 1701.5; 28-MAY-2008 01:17:26; Bright; 42.5; 98; 13Zet Oph ; 2.57; 30000;occ; 85; 0;32636
12; 1835.7; 28-MAY-2008 01:19:40; Bright; 41.0; 120; 1Del Oph ; 2.73; 3200;occ; 82; 0;32636
13; 2017.5; 28-MAY-2008 01:22:42; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32636
14; 2377.3; 28-MAY-2008 01:28:42; Bright; 42.0; 67; 5Alp CrB ; 2.22; 11000;occ; 84; 0;32636
15; 2557.7; 28-MAY-2008 01:31:42; Bright; 55.5; 133; 40Zet Her ; 2.81; 6000;occ; 111; 0;32636
16; 3021.3; 28-MAY-2008 01:39:26; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32636
17; 3168.2; 28-MAY-2008 01:41:53; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;32636
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21; 4545.8; 28-MAY-2008 02:04:50; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;32636
22; 4828.2; 28-MAY-2008 02:09:33; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32636

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3; 34.4; 28-MAY-2008 02:30:15; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;32637
4; 142.1; 28-MAY-2008 02:32:03; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32637
5; 452.5; 28-MAY-2008 02:37:13; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32637
6; 839.9; 28-MAY-2008 02:43:40; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32637
7; 1012.5; 28-MAY-2008 02:46:33; Dark ; 43.5; 40; The Sco ; 1.86; 7100;occ; 87; 0;32637
8; 1121.8; 28-MAY-2008 02:48:22; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32637
9; 1234.5; 28-MAY-2008 02:50:15; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;32637
10; 1360.1; 28-MAY-2008 02:52:21; Dark ; 45.0; 136; 23Tau Sco ; 2.82; 30000;occ; 90; 0;32637
11; 1701.5; 28-MAY-2008 02:58:02; Bright; 43.0; 98; 13Zet Oph ; 2.57; 30000;occ; 86; 0;32637
12; 1835.6; 28-MAY-2008 03:00:16; Bright; 41.0; 120; 1Del Oph ; 2.73; 3200;occ; 82; 0;32637
13; 2017.6; 28-MAY-2008 03:03:18; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32637
14; 2377.1; 28-MAY-2008 03:09:18; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;32637
15; 2557.1; 28-MAY-2008 03:12:18; Bright; 46.0; 133; 40Zet Her ; 2.81; 6000;occ; 92; 0;32637
16; 3021.0; 28-MAY-2008 03:20:02; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;32637
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3; -1647.0; 28-MAY-2008 03:42:50; Bright; 41.0; 53; 43Bet And ; 2.05; 3300;occ; 82; 0;32637
4; -1489.8; 28-MAY-2008 03:45:27; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;32637
5; -1207.4; 28-MAY-2008 03:50:09; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32637
6; -672.8; 28-MAY-2008 03:59:04; Dark ; 47.0; 52; 16Bet Cet ; 2.04; 4500;occ; 94; 0;32637
7; -143.4; 28-MAY-2008 04:07:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32637
8; 35.1; 28-MAY-2008 04:10:52; Dark ; 61.0; 63; Bet Gru ; 2.15; 2800;occ; 122; 0;32638
9; 143.1; 28-MAY-2008 04:12:40; Dark ; 47.5; 31; Alp Gru ; 1.73; 15200;occ; 95; 0;32638


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10; 453.2; 28-MAY-2008 04:17:50; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32638
11; 840.3; 28-MAY-2008 04:24:17; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32638
12; 1013.0; 28-MAY-2008 04:27:10; Dark ; 42.5; 40; The Sco ; 1.86; 7100;occ; 85; 0;32638
13; 1122.3; 28-MAY-2008 04:28:59; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32638
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15; 1360.4; 28-MAY-2008 04:32:57; Dark ; 43.5; 136; 23Tau Sco ; 2.82; 30000;occ; 87; 0;32638
16; 1489.2; 28-MAY-2008 04:35:06; Bright; 41.0; 80; 7Del Sco ; 2.32; 30000;occ; 82; 0;32638
17; 1586.5; 28-MAY-2008 04:36:43; Bright; 48.5; 86; 35Eta Oph ; 2.43; 10200;occ; 97; 0;32638
18; 1701.5; 28-MAY-2008 04:38:38; Bright; 43.0; 98; 13Zet Oph ; 2.57; 30000;occ; 86; 0;32638
19; 1835.7; 28-MAY-2008 04:40:52; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32638
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 9; 35.9; 28-MAY-2008 05:51:28; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;32639
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12; 840.7; 28-MAY-2008 06:04:53; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32639
13; 1013.4; 28-MAY-2008 06:07:46; Dark ; 51.0; 40; The Sco ; 1.86; 7100;occ; 102; 0;32639
14; 1122.7; 28-MAY-2008 06:09:35; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;32639
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16; 1360.6; 28-MAY-2008 06:13:33; Dark ; 42.0; 136; 23Tau Sco ; 2.82; 30000;occ; 84; 0;32639
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23; 2555.9; 28-MAY-2008 06:33:29; Bright; 45.5; 133; 40Zet Her ; 2.81; 6000;occ; 91; 0;32639
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 9; 2016.7; 28-MAY-2008 21:29:53; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32648
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11; 2550.6; 28-MAY-2008 21:38:47; Bright; 42.5; 133; 40Zet Her ; 2.81; 6000;occ; 85; 0;32648
12; 3017.3; 28-MAY-2008 21:46:33; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32648
13; 3167.6; 28-MAY-2008 21:49:04; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32648
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22; 3932.6; 28-MAY-2008 23:42:24; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;32649
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25; 4833.8; 28-MAY-2008 23:57:26; Dark ; 49.5; 140; 88Gam Peg ; 2.83; 26000;occ; 99; 0;32649
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5;-1206.6; 28-MAY-2008 07:11:22; Dark ; 47.5; 140; 88Gam Peg ; 2.83; 26000;occ; 95; 0;32639
6; -791.4; 28-MAY-2008 07:18:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32639
7; -671.8; 28-MAY-2008 07:20:17; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;32639
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9; 36.7; 28-MAY-2008 07:32:05; Dark ; 58.5; 63; Bet Gru ; 2.15; 2800;occ; 117; 0;32640
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13; 3166.9; 29-MAY-2008 21:17:26; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32662
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17; 4550.9; 29-MAY-2008 21:40:30; Dark ; 50.5; 58; 21Alp And ; 2.07; 11000;occ; 101; 0;32662
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23; 4391.6; 29-MAY-2008 23:18:26; Bright; 41.5; 53; 43Bet And ; 2.05; 3300;occ; 83; 0;32663
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4; 1834.9; 29-MAY-2008 14:12:50; Bright; 41.0; 120; 1Del Oph ; 2.73; 3200;occ; 82; 0;32658
5; 2016.2; 29-MAY-2008 14:15:51; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32658
6; 2373.6; 29-MAY-2008 14:21:49; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;32658
7; 2544.9; 29-MAY-2008 14:24:40; Bright; 45.5; 133; 40Zet Her ; 2.81; 6000;occ; 91; 0;32658
8; 3014.3; 29-MAY-2008 14:32:29; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;32658
9; 3167.3; 29-MAY-2008 14:35:02; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32658
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3; 1588.4; 29-MAY-2008 15:49:19; Bright; 47.0; 86; 35Eta Oph ; 2.43; 10200;occ; 94; 0;32659
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6; 2016.1; 29-MAY-2008 15:56:27; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32659
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6; 1702.0; 29-MAY-2008 17:31:49; Bright; 40.5; 98; 13Zet Oph ; 2.57; 30000;occ; 81; 0;32660
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12; 3013.3; 29-MAY-2008 19:34:16; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;32661
13; 3167.0; 29-MAY-2008 19:36:50; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32661
14; 3645.3; 29-MAY-2008 19:44:48; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;32661
15; 3931.8; 29-MAY-2008 19:49:35; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;32661

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 18; 4839.4; 29-MAY-2008 20:04:42; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;32661
 19; 5258.6; 29-MAY-2008 20:11:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32661
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 23; 6200.9; 29-MAY-2008 20:27:24; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32661
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 26; 7060.4; 29-MAY-2008 20:41:43; Dark ; 42.5; 40; The Sco ; 1.86; 7100;occ; 85; 0;32661

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 4; 57.3; 30-MAY-2008 01:27:24; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;32665
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 6; 471.9; 30-MAY-2008 01:34:18; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32665
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 9; 1025.7; 30-MAY-2008 01:43:32; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;32665
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 11; 1243.4; 30-MAY-2008 01:47:10; Dark ; 44.5; 75; 26Eps Sco ; 2.29; 4250;occ; 89; 0;32665
 12; 1367.1; 30-MAY-2008 01:49:14; Dark ; 54.0; 136; 23Tau Sco ; 2.82; 30000;occ; 108; 0;32665
 13; 1493.7; 30-MAY-2008 01:51:20; Bright; 40.0; 80; 7Del Sco ; 2.32; 30000;occ; 80; 0;32665
 14; 1588.9; 30-MAY-2008 01:52:55; Bright; 47.0; 86; 35Eta Oph ; 2.43; 10200;occ; 94; 0;32665
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 16; 1834.6; 30-MAY-2008 01:57:01; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;32665
 17; 2015.8; 30-MAY-2008 02:00:02; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32665
 18; 2372.4; 30-MAY-2008 02:05:59; Bright; 36.5; 67; 5Alp CrB ; 2.22; 11000;occ; 73; 0;32665
 19; 2541.1; 30-MAY-2008 02:08:48; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32665
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 22; 3642.9; 30-MAY-2008 02:27:09; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32665

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 8; 58.2; 30-MAY-2008 03:08:01; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32666
 9; 168.7; 30-MAY-2008 03:09:51; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32666
 10; 472.6; 30-MAY-2008 03:14:55; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32666
 11; 852.7; 30-MAY-2008 03:21:15; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32666
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 13; 1134.8; 30-MAY-2008 03:25:57; Dark ; 43.5; 25; 35Lam Sco ; 1.62; 28000;occ; 87; 0;32666
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 17; 1589.0; 30-MAY-2008 03:33:31; Bright; 46.5; 86; 35Eta Oph ; 2.43; 10200;occ; 93; 0;32666
 18; 1702.2; 30-MAY-2008 03:35:25; Bright; 42.0; 98; 13Zet Oph ; 2.57; 30000;occ; 84; 0;32666
 19; 1834.7; 30-MAY-2008 03:37:37; Bright; 40.5; 120; 1Del Oph ; 2.73; 3200;occ; 81; 0;32666
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 21; 2372.5; 30-MAY-2008 03:46:35; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32666
 22; 2540.6; 30-MAY-2008 03:49:23; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32666
 23; 3011.9; 30-MAY-2008 03:57:14; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32666
 24; 3167.0; 30-MAY-2008 03:59:49; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32666
 25; 3642.5; 30-MAY-2008 04:07:45; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;32666

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 3; -1643.9; 30-MAY-2008 04:20:15; Bright; 42.5; 53; 43Bet And ; 2.05; 3300;occ; 85; 0;32666
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 6; -773.3; 30-MAY-2008 04:34:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32666
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 9; 59.0; 30-MAY-2008 04:48:37; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;32667
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 12; 855.8; 30-MAY-2008 05:01:54; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32667
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 18; 1589.2; 30-MAY-2008 05:14:08; Bright; 46.0; 86; 35Eta Oph ; 2.43; 10200;occ; 92; 0;32667
 19; 1702.1; 30-MAY-2008 05:16:01; Bright; 40.5; 98; 13Zet Oph ; 2.57; 30000;occ; 81; 0;32667
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 21; 2015.8; 30-MAY-2008 05:21:14; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;32667
 22; 2372.2; 30-MAY-2008 05:27:11; Bright; 35.5; 67; 5Alp CrB ; 2.22; 11000;occ; 71; 0;32667
 23; 2540.0; 30-MAY-2008 05:29:58; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32667
 24; 3011.5; 30-MAY-2008 05:37:50; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32667
 25; 3168.7; 30-MAY-2008 05:40:27; Bright; 31.5; 60; 7Bet UMi ; 2.08; 3950;occ; 63; 0;32667
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 3; 1139.0; 30-MAY-2008 20:12:01; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;32676
 4; 1247.0; 30-MAY-2008 20:13:49; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32676
 5; 1370.0; 30-MAY-2008 20:15:52; Dark ; 51.5; 136; 23Tau Sco ; 2.82; 30000;occ; 103; 0;32676
 6; 1495.8; 30-MAY-2008 20:17:58; Bright; 38.5; 80; 7Del Sco ; 2.32; 30000;occ; 77; 0;32676
 7; 1590.0; 30-MAY-2008 20:19:32; Bright; 45.0; 86; 35Eta Oph ; 2.43; 10200;occ; 90; 0;32676
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 11; 2370.9; 30-MAY-2008 20:32:33; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32676
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 13; 3008.7; 30-MAY-2008 20:43:11; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32676
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 9; 59.8; 30-MAY-2008 06:29:14; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32668
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 17; 6917.5; 31-MAY-2008 17:55:31; Dark ; 95.0; 147; Alp Ara ; 2.88; 26000;occ; 190; 0;32688
 18; 7121.8; 31-MAY-2008 17:58:55; Dark ; 78.0; 25; 35Lam Sco ; 1.62; 28000;occ; 156; 0;32688

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1; -724.6; 31-MAY-2008 22:30:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 55;32691
 2; -642.0; 31-MAY-2008 22:31:55; Dark ; 46.0; 52; 16Bet Cet ; 2.04; 4500;occ; 92; 0;32691
 3; -118.0; 31-MAY-2008 22:40:39; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;32691
 4; 79.9; 31-MAY-2008 22:43:57; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;32692
 5; 192.7; 31-MAY-2008 22:45:50; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32692
 6; 490.5; 31-MAY-2008 22:50:47; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32692
 7; 936.5; 31-MAY-2008 22:58:13; Dark ; 39.5; 147; Alp Ara ; 2.88; 26000;occ; 79; 0;32692
 8; 1037.8; 31-MAY-2008 22:59:55; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32692
 9; 1145.7; 31-MAY-2008 23:01:43; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32692
 10; 1251.8; 31-MAY-2008 23:03:29; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;32692
 11; 1373.7; 31-MAY-2008 23:05:31; Dark ; 49.0; 136; 23Tau Sco ; 2.82; 30000;occ; 98; 0;32692
 12; 1498.5; 31-MAY-2008 23:07:35; Bright; 38.5; 80; 7Del Sco ; 2.32; 30000;occ; 77; 0;32692
 13; 1591.3; 31-MAY-2008 23:09:08; Bright; 45.5; 86; 35Eta Oph ; 2.43; 10200;occ; 91; 0;32692
 14; 1702.8; 31-MAY-2008 23:11:00; Bright; 39.5; 98; 13Zet Oph ; 2.57; 30000;occ; 79; 0;32692
 15; 1833.9; 31-MAY-2008 23:13:11; Bright; 38.5; 120; 1Del Oph ; 2.73; 3200;occ; 77; 0;32692
 16; 2014.7; 31-MAY-2008 23:16:12; Bright; 36.5; 102; 24Alp Ser ; 2.60; 4250;occ; 73; 0;32692
 17; 2368.8; 31-MAY-2008 23:22:06; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32692
 18; 2527.0; 31-MAY-2008 23:24:44; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32692
 19; 3003.9; 31-MAY-2008 23:32:41; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32692
 20; 3627.1; 31-MAY-2008 23:43:04; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32692
 21; 3928.8; 31-MAY-2008 23:48:06; Bright; 56.0; 76; 27Gam Cas ; 2.30; 30000;occ; 112; 0;32692
 22; 4394.5; 31-MAY-2008 23:55:51; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;32692
 23; 4556.8; 31-MAY-2008 23:58:34; Dark ; 53.0; 58; 21Alp And ; 2.07; 11000;occ; 106; 0;32692
 24; 4854.5; 01-JUN-2008 00:03:31; Dark ; 51.0; 140; 88Gam Peg ; 2.83; 26000;occ; 102; 0;32692
 25; 5284.7; 01-JUN-2008 00:10:42; Dark ; 37.0; 0; ; 0.00; 0;occ; 74; 0;32692

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1; 1085.8; 31-MAY-2008 17:58:55; Dark ; 106.5; 25; 35Lam Sco ; 1.62; 28000;occ; 213; 0;32689
 2; 1317.8; 31-MAY-2008 18:02:47; Dark ; 103.5; 136; 23Tau Sco ; 2.82; 30000;occ; 207; 0;32689
 3; 1527.9; 31-MAY-2008 18:06:17; Bright; 108.0; 86; 35Eta Oph ; 2.43; 10200;occ; 216; 0;32689
 4; 1778.1; 31-MAY-2008 18:10:27; Bright; 96.0; 120; 1Del Oph ; 2.73; 3200;occ; 192; 0;32689
 5; 1961.7; 31-MAY-2008 18:13:31; Bright; 90.5; 102; 24Alp Ser ; 2.60; 4250;occ; 181; 0;32689
 6; 2263.1; 31-MAY-2008 18:18:32; Bright; 103.0; 127; 27Bet Her ; 2.78; 4700;occ; 206; 0;32689
 7; 2469.1; 31-MAY-2008 18:21:58; Bright; 102.5; 133; 40Zet Her ; 2.81; 6000;occ; 205; 0;32689
 8; 2951.7; 31-MAY-2008 18:30:01; Bright; 93.5; 119; 14Eta Dra ; 2.73; 4700;occ; 187; 0;32689
 9; 3563.0; 31-MAY-2008 18:40:12; Bright; 112.0; 89; 5Alp Cep ; 2.45; 8000;occ; 224; 0;32689
 10; 3874.9; 31-MAY-2008 18:45:24; Bright; 100.0; 76; 27Gam Cas ; 2.30; 30000;occ; 200; 0;32689
 11; 4338.6; 31-MAY-2008 18:53:08; Bright; 99.0; 53; 43Bet And ; 2.05; 3300;occ; 198; 0;32689
 12; 4489.9; 31-MAY-2008 18:55:39; Dark ; 116.5; 58; 21Alp And ; 2.07; 11000;occ; 233; 0;32689
 13; 4786.6; 31-MAY-2008 19:00:36; Dark ; 117.0; 140; 88Gam Peg ; 2.83; 26000;occ; 234; 0;32689
 14; 5282.2; 31-MAY-2008 19:08:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32689
 15; 5846.5; 31-MAY-2008 19:18:16; Dark ; 122.0; 18; 24Alp PsA ; 1.17; 9700;occ; 244; 0;32689
 16; 6114.3; 31-MAY-2008 19:22:43; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;32689
 17; 6227.0; 31-MAY-2008 19:24:36; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32689
 18; 6525.1; 31-MAY-2008 19:29:34; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32689
 19; 6971.7; 31-MAY-2008 19:37:01; Dark ; 39.0; 147; Alp Ara ; 2.88; 26000;occ; 78; 0;32689
 20; 7073.0; 31-MAY-2008 19:38:42; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;32689