

GOMOS Daily Report 26-AUG-2010

Level 0 and Level 1 products

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

Item	Value
Time of report generation	29AUG2010 04:52:31
Data source version	GOMOS/5.01
Start time of products	26AUG2010 00:03:53
Stop time of products	26AUG2010 23:58:42
Store outputs in DB	Yes
Nb of level 1b prods	141
Nb of prods with errors	1

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

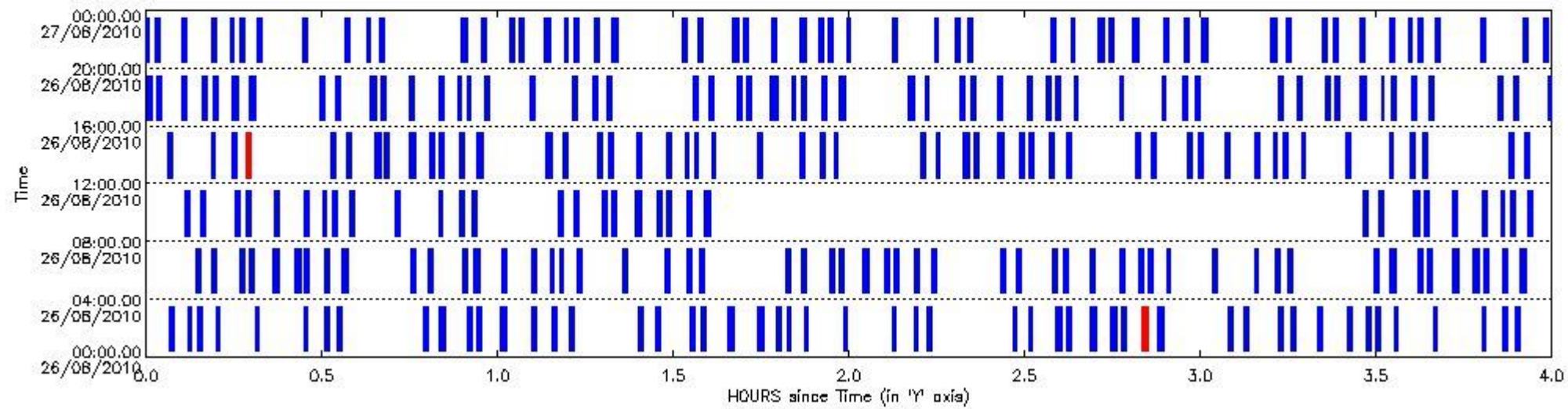
2.1 Level 0 products arrived in PCF (see template [here](#))

2.2 Plot of mission plan versus Level 0 production arrived in PCF during reporting period

Red segments are missing products.

Blue segments are available products.

Green segments are calibration measurements (not available products to users).



2.3 Summary of missing occultations (red segments in previous plot)

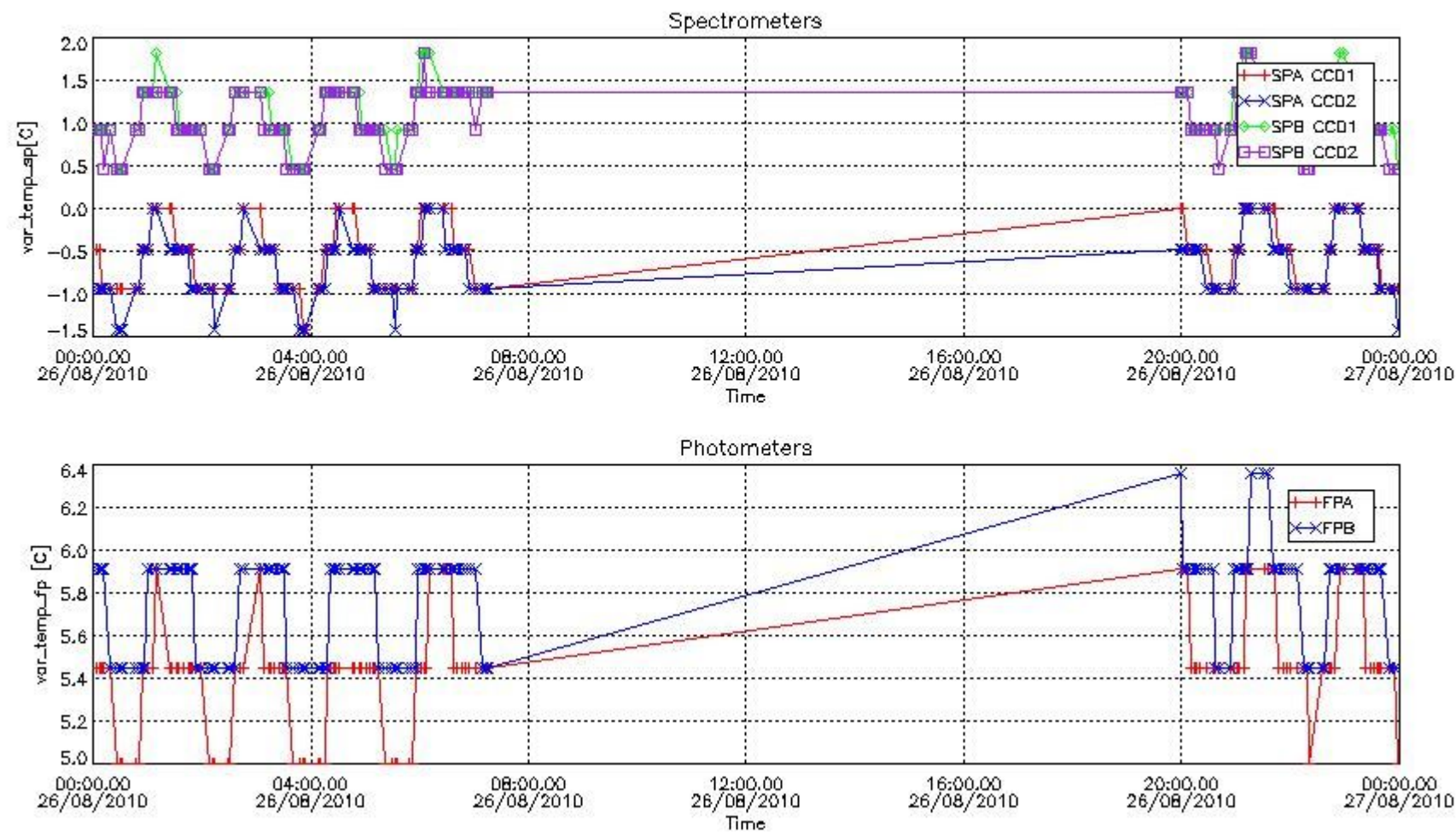
UTC start time	Star name	Star ID	Orbit
26-AUG-2010 02:49:56	11AlpLep	101	44374
26-AUG-2010 12:16:55	27GamCas	76	44380

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_1PNPDE20100826_000353_000000452092_00231_44373_8265.N1	26-AUG-2010 00:03:53	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44373	No
2	GOM_TRA_1PNPDE20100826_000707_000000412092_00231_44373_8266.N1	26-AUG-2010 00:07:07	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	44373	No
3	GOM_TRA_1PNPDE20100826_000846_000000462092_00231_44373_8267.N1	26-AUG-2010 00:08:46	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	44373	No
4	GOM_TRA_1PNPDE20100826_001148_000000412092_00231_44373_8268.N1	26-AUG-2010 00:11:48	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44373	No
5	GOM_TRA_1PNPDE20100826_001832_000000402092_00231_44373_8269.N1	26-AUG-2010 00:18:32	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	44373	No
6	GOM_TRA_1PNPDE20100826_002652_000000402092_00231_44373_8270.N1	26-AUG-2010 00:26:52	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44373	No
7	GOM_TRA_1PNPDE20100826_003029_000000472092_00231_44373_8271.N1	26-AUG-2010 00:30:29	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	44373	No
8	GOM_TRA_1PNPDE20100826_003241_000000492092_00231_44373_8272.N1	26-AUG-2010 00:32:41	Bright	48.500	76	27Gam Cas	2.3000	30000.0	97	44373	No
9	GOM_TRA_1PNPDE20100826_004722_000000482092_00231_44373_8273.N1	26-AUG-2010 00:47:22	Bright	47.500	42	34Bet Aur	1.9000	10200.0	95	44373	No

128	GOM_TRA_1PNPDE20100826_225344_000000482092_00244_44386_8601.N1	26-AUG-2010 22:53:44	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	44386	No
129	GOM_TRA_1PNPDE20100826_225711_000000522092_00244_44386_8602.N1	26-AUG-2010 22:57:11	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44386	No
130	GOM_TRA_1PNPDE20100826_231203_000000532092_00245_44387_8603.N1	26-AUG-2010 23:12:03	Dark	52.500	157	The1Eri	2.9060	9300.0	105	44387	No
131	GOM_TRA_1PNPDE20100826_231446_000000452092_00245_44387_8604.N1	26-AUG-2010 23:14:46	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44387	No
132	GOM_TRA_1PNPDE20100826_232043_000000592092_00245_44387_8605.N1	26-AUG-2010 23:20:43	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	44387	No
133	GOM_TRA_1PNPDE20100826_232234_000000552092_00245_44387_8606.N1	26-AUG-2010 23:22:34	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	44387	No
134	GOM_TRA_1PNPDE20100826_232716_000000522092_00245_44387_8607.N1	26-AUG-2010 23:27:16	Straylight	52.000	18	24Alp PsA	1.1660	9700.0	104	44387	No
135	GOM_TRA_1PNPDE20100826_233218_000000452092_00245_44387_8608.N1	26-AUG-2010 23:32:18	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44387	No
136	GOM_TRA_1PNPDE20100826_233530_000000402092_00245_44387_8609.N1	26-AUG-2010 23:35:30	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	44387	No
137	GOM_TRA_1PNPDE20100826_233707_000000442092_00245_44387_8610.N1	26-AUG-2010 23:37:07	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	44387	No
138	GOM_TRA_1PNPDE20100826_234010_000000402092_00245_44387_8611.N1	26-AUG-2010 23:40:10	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44387	No
139	GOM_TRA_1PNPDE20100826_234752_000000492092_00245_44387_8612.N1	26-AUG-2010 23:47:52	Bright	48.500	164	44Eta Peg	2.9480	5400.0	97	44387	No
140	GOM_TRA_1PNPDE20100826_235513_000000362092_00245_44387_8613.N1	26-AUG-2010 23:55:13	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	44387	No
141	GOM_TRA_1PNPDE20100826_235842_000000422092_00245_44387_8614.N1	26-AUG-2010 23:58:42	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44387	No

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



4. Overview of dark signal processing per product

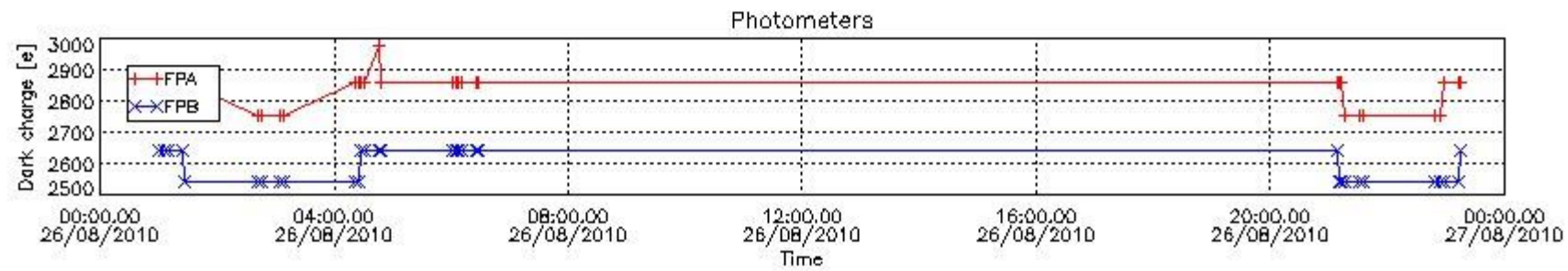
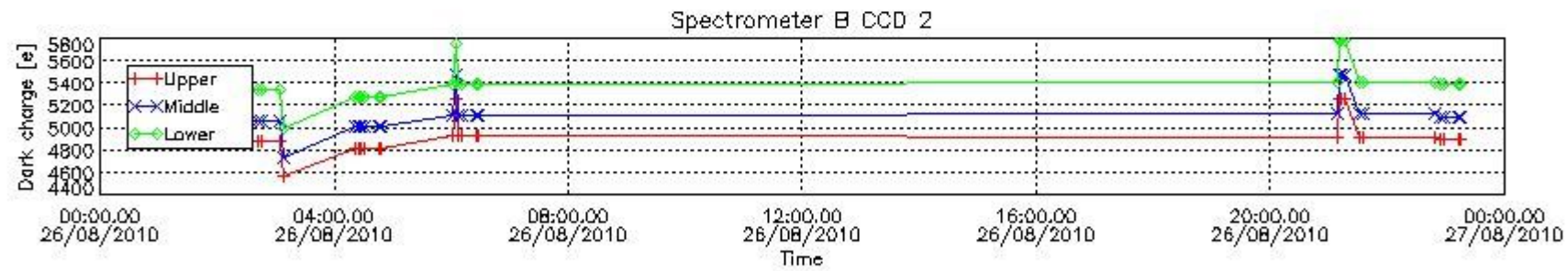
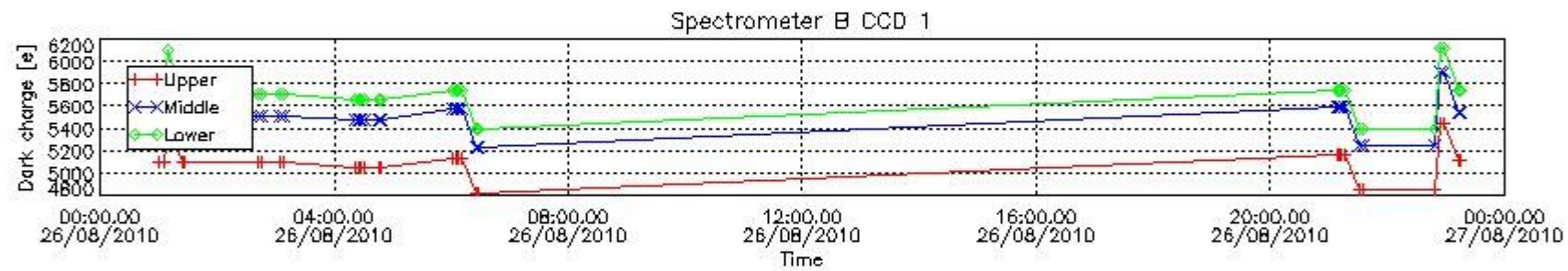
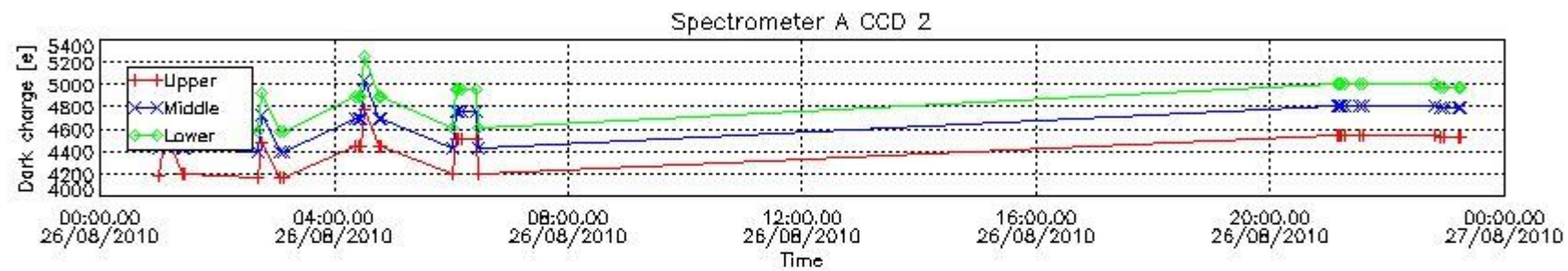
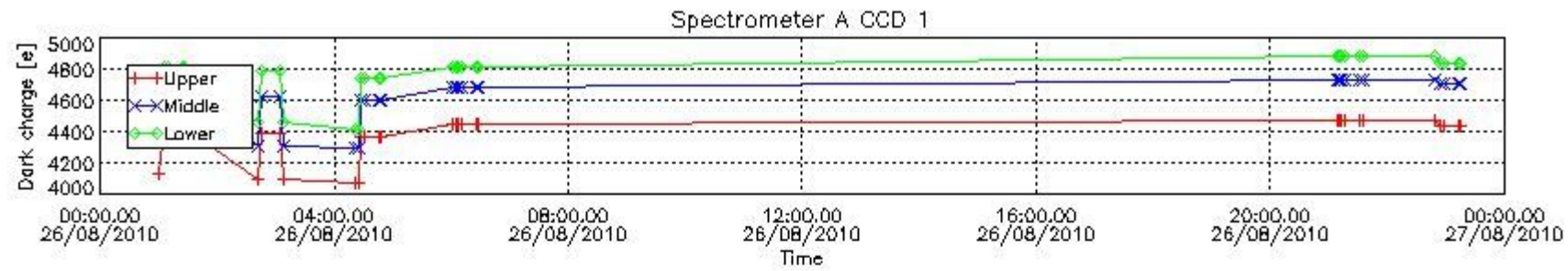
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

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

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

Product name	DC information
GOM_TRA_1PNPDE20100826_054910_000000442092_00234_44376_8362.N1	DC map used
GOM_TRA_1PNPDE20100826_055149_000000462092_00234_44376_8363.N1	DC map used
GOM_TRA_1PNPDE20100826_055634_000000552092_00234_44376_8364.N1	DC map used
GOM_TRA_1PNPDE20100826_195930_000000562092_00243_44385_8557.N1	DC map used
GOM_TRA_1PNPDE20100826_200122_000000542092_00243_44385_8558.N1	DC map used
GOM_TRA_1PNPDE20100826_200603_000000472092_00243_44385_8559.N1	DC map used
GOM_TRA_1PNPDE20100826_201106_000000472092_00243_44385_8560.N1	DC map used
GOM_TRA_1PNPDE20100826_201419_000000402092_00243_44385_8561.N1	DC map used
GOM_TRA_1PNPDE20100826_201556_000000432092_00243_44385_8562.N1	DC map used
GOM_TRA_1PNPDE20100826_201859_000000402092_00243_44385_8563.N1	DC map used
GOM_TRA_1PNPDE20100826_202642_000000462092_00243_44385_8564.N1	DC map used
GOM_TRA_1PNPDE20100826_203402_000000382092_00243_44385_8565.N1	DC map used
GOM_TRA_1PNPDE20100826_203731_000000442092_00243_44385_8566.N1	DC map used
GOM_TRA_1PNPDE20100826_203944_000000472092_00243_44385_8567.N1	DC map used
GOM_TRA_1PNPDE20100826_205350_000000562092_00243_44385_8568.N1	DC map used
GOM_TRA_1PNPDE20100826_205713_000000432092_00243_44385_8569.N1	DC map used
GOM_TRA_1PNPDE20100826_210200_000000592092_00243_44385_8570.N1	DC map used
GOM_TRA_1PNPDE20100826_210341_000000482092_00243_44385_8571.N1	DC map used

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



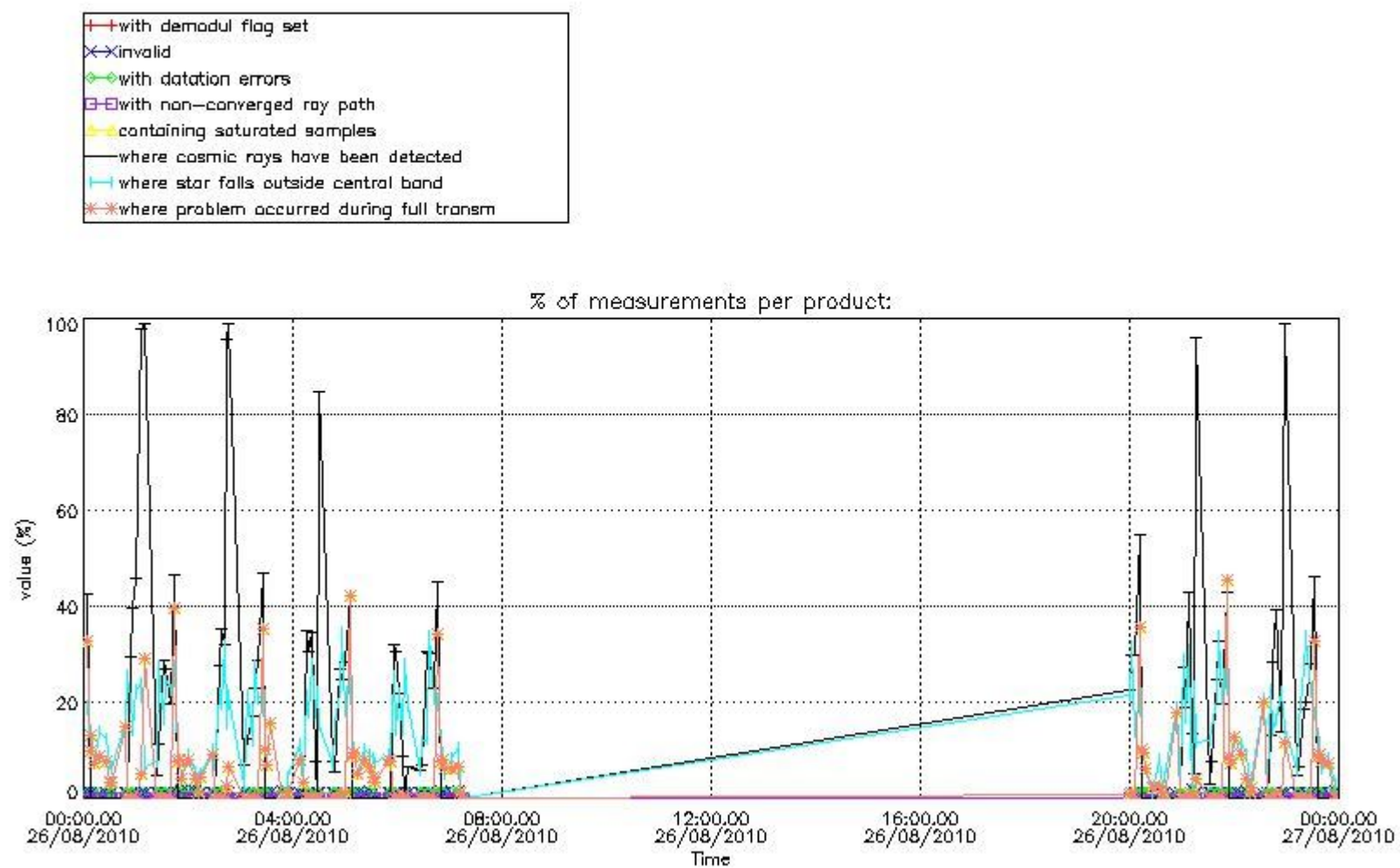
5. Demodulation flag and quality information monitoring

In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

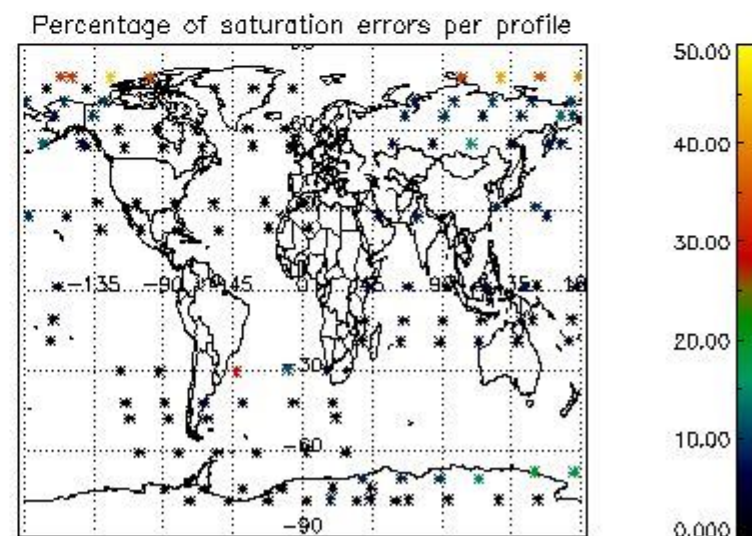
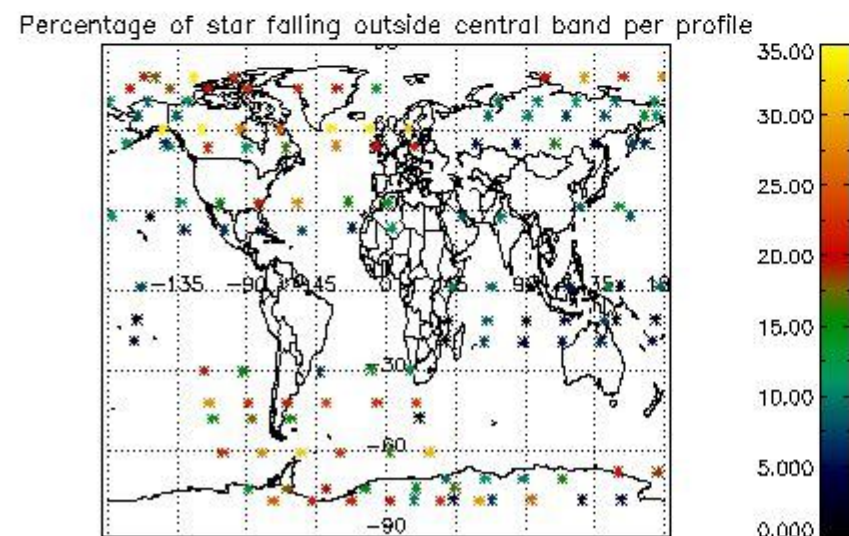
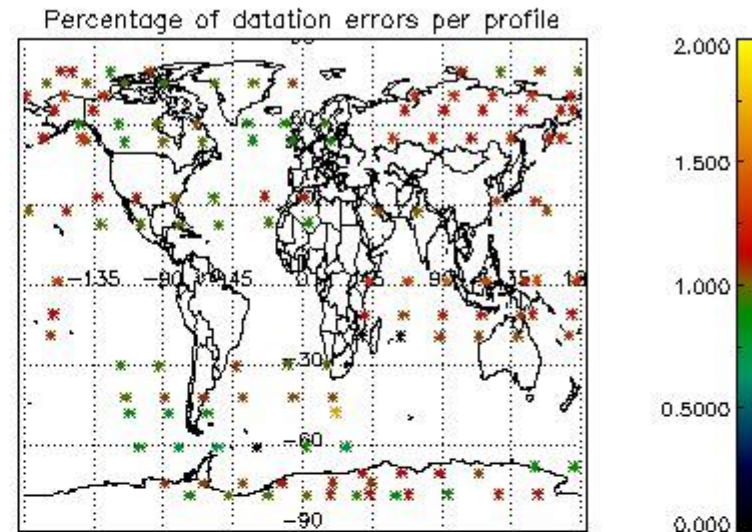
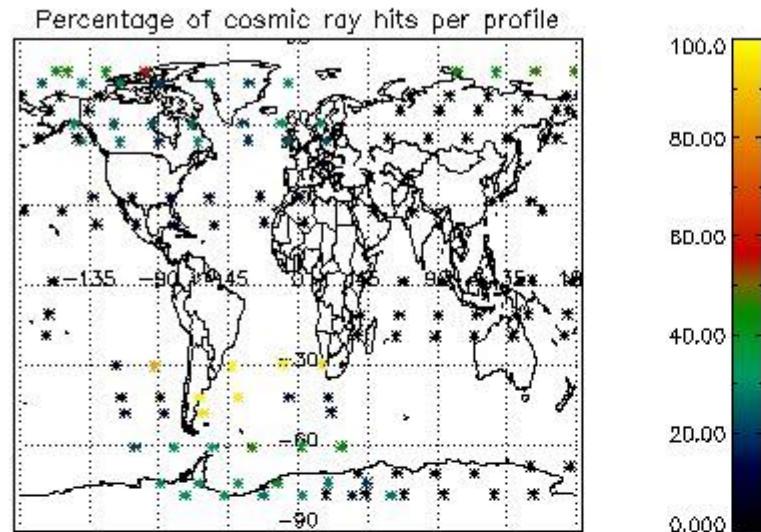
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	42.1429 %
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)



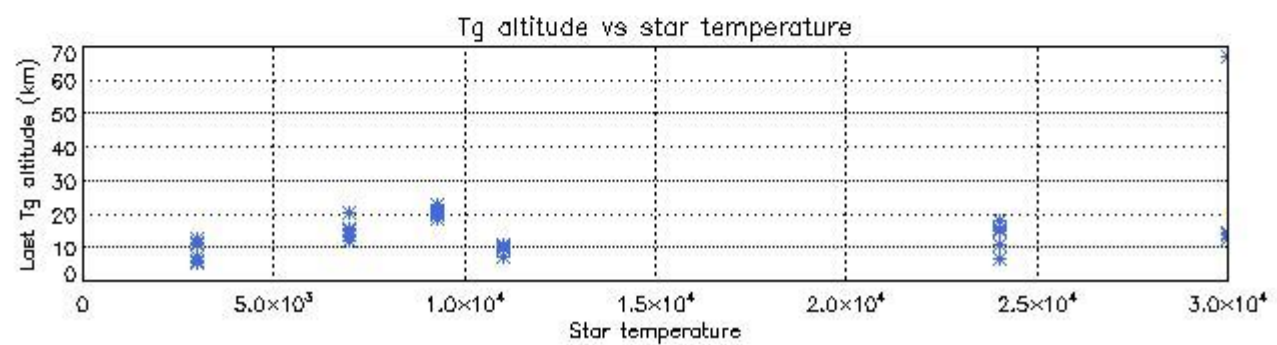
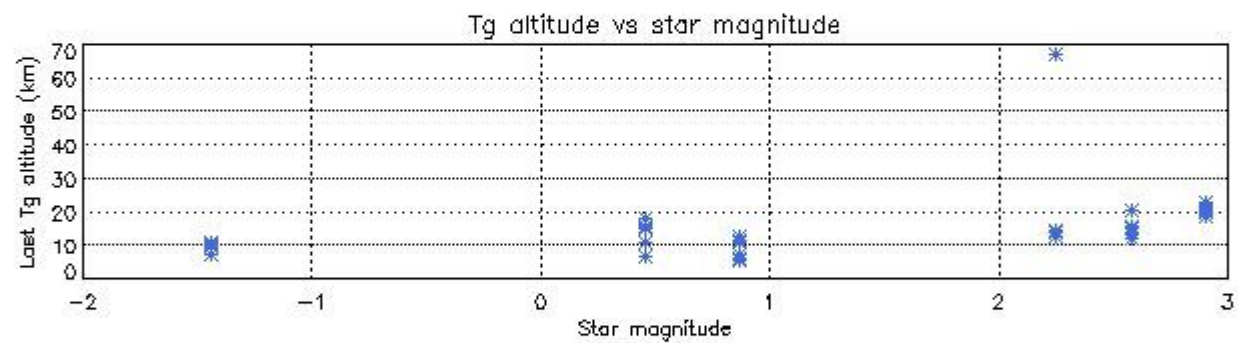
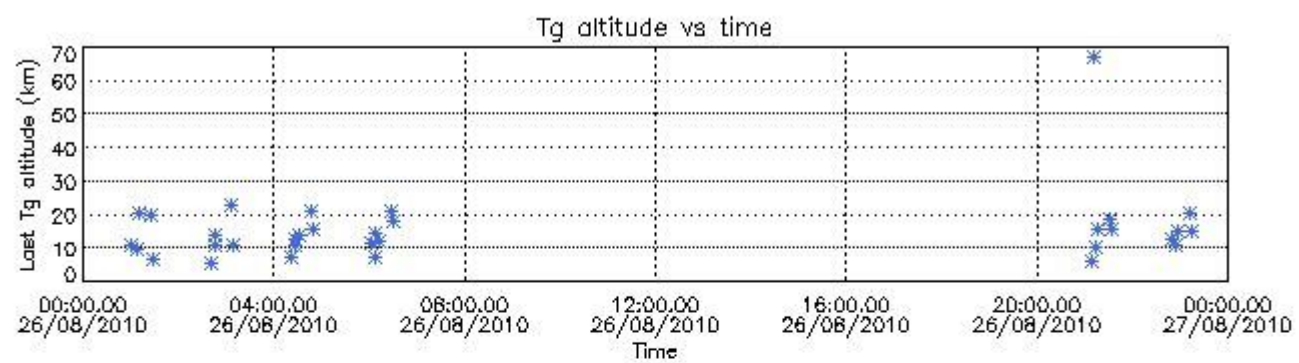
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.223	18.436	NaN
St. deviation:	10.453	4.7750	NaN
Maximum:	67.185	28.848	NaN
Minimum:	5.2921	4.4088	NaN
Number of data:	33.000	74.000	NaN

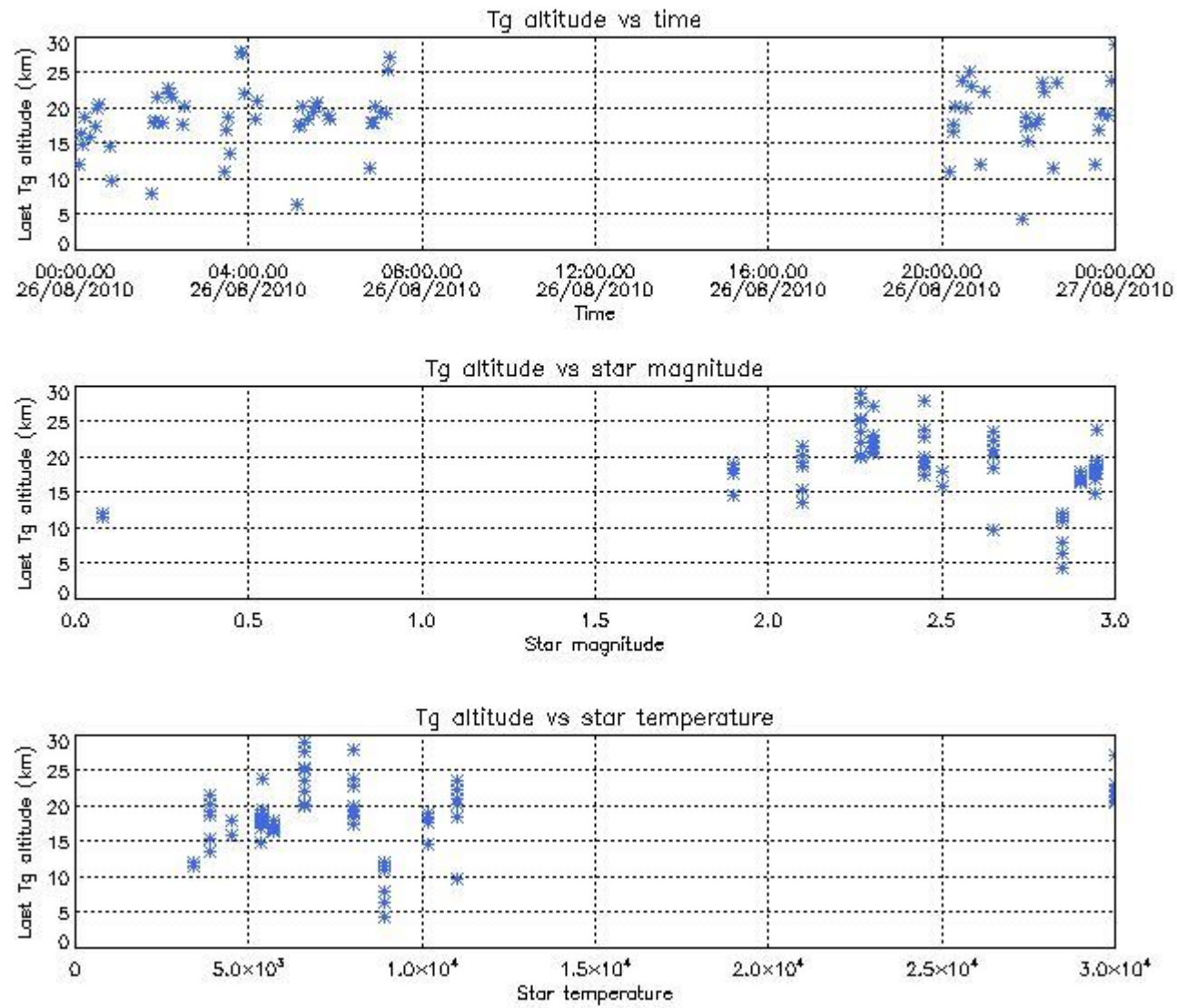
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

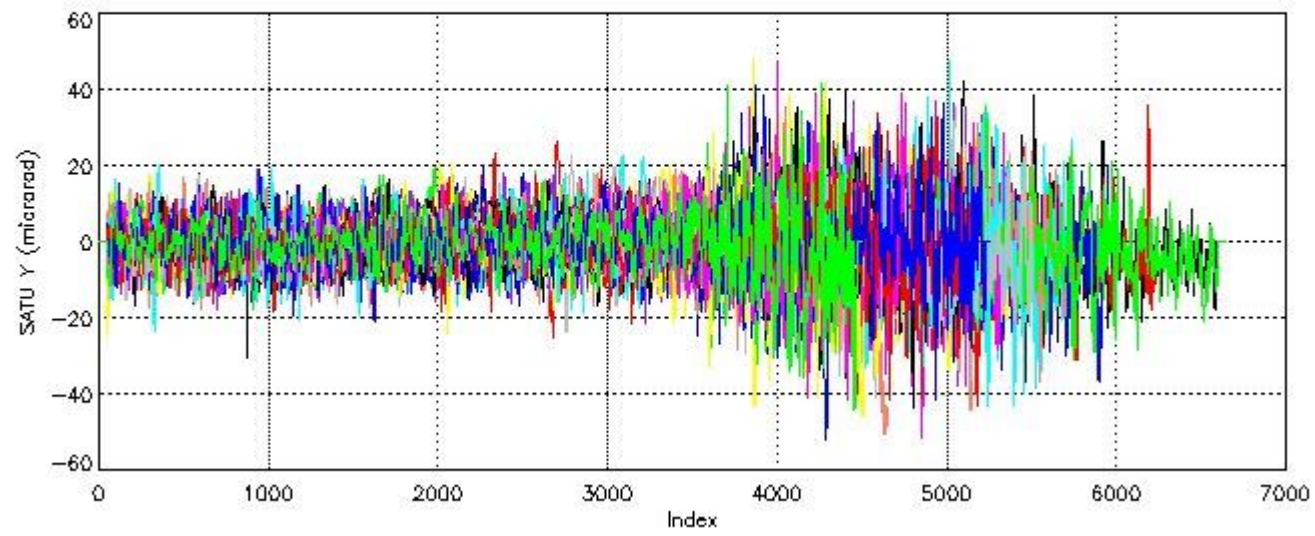
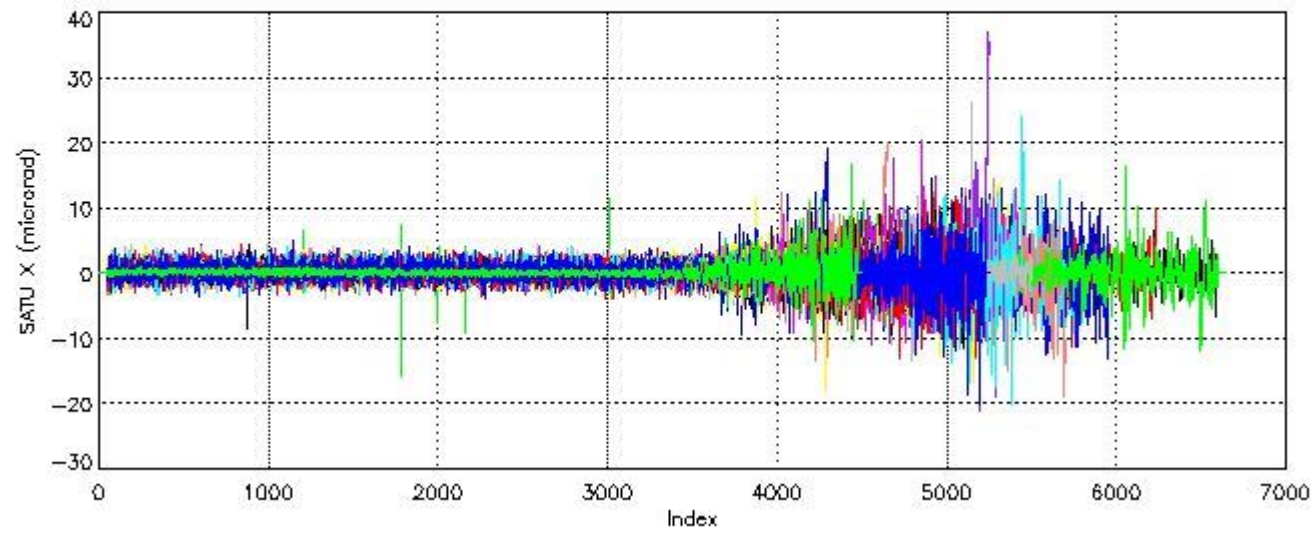


7. Star Acquisition and Tracking Unit (SATU)

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:	0.20450	-0.80096	0.23398	-0.63715
St. deviation:	0.58930	4.8309	0.82585	4.4148
Maximum:	5.0000	19.800	4.5000	17.700
Minimum:	-8.6000	-30.700	-4.2000	-19.100

Number of data:	36550.	36550.	74200.	74200.
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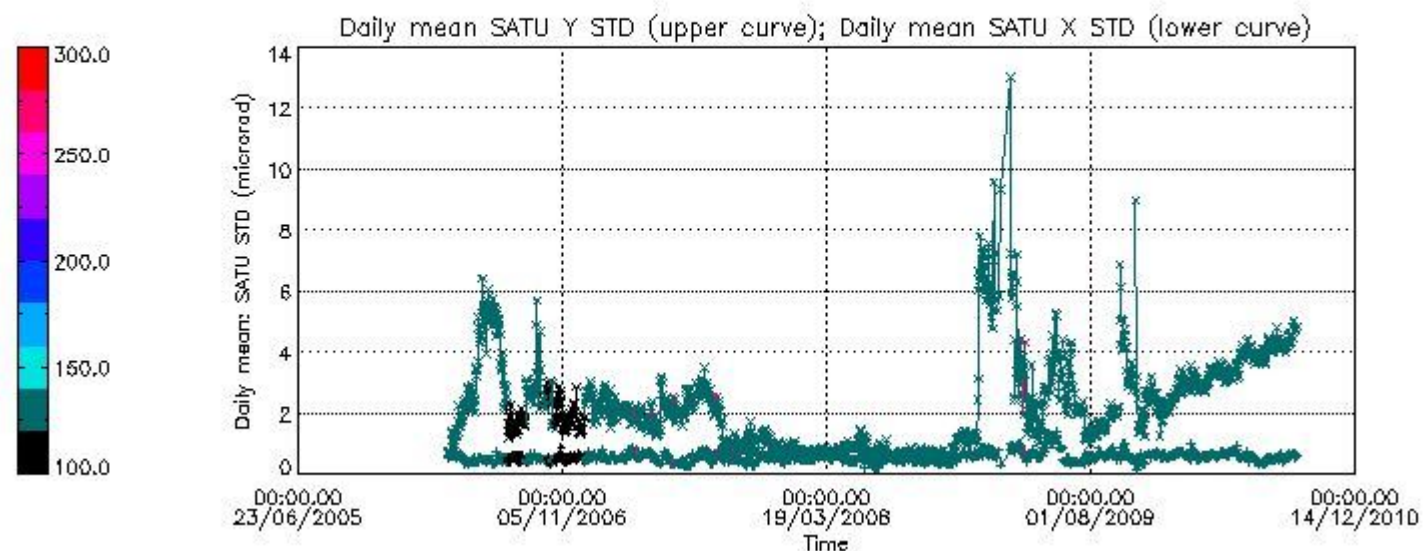
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

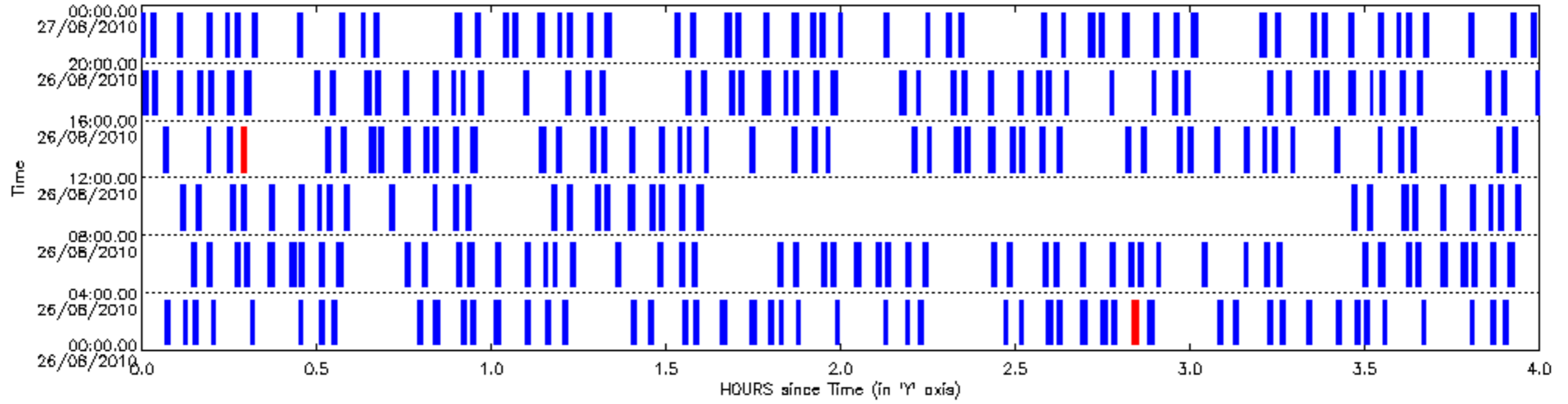
Lower curve: STD of SATU X axis

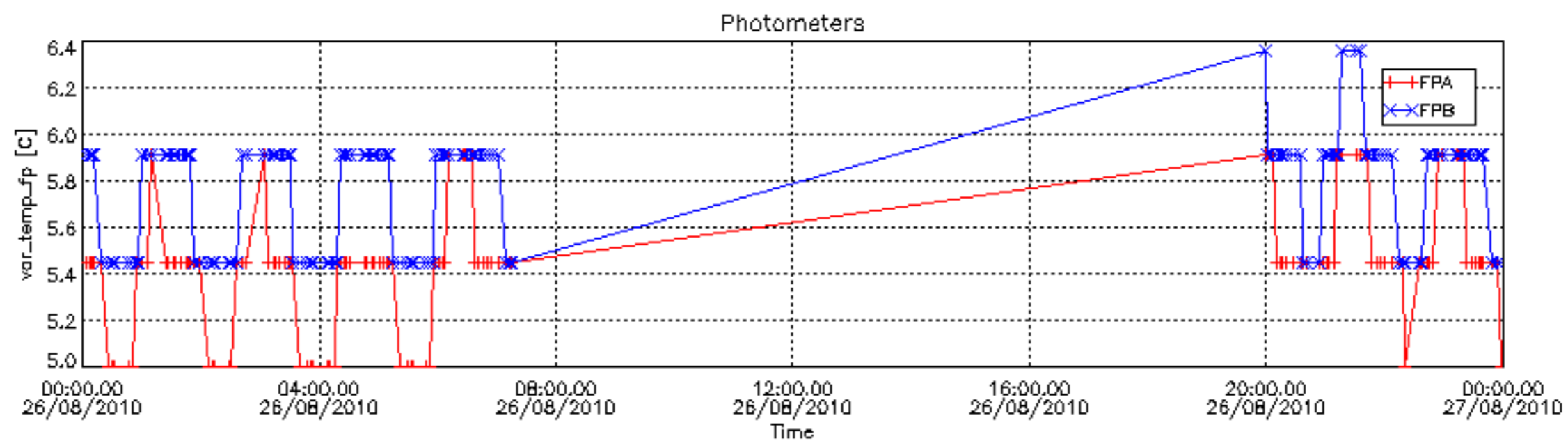
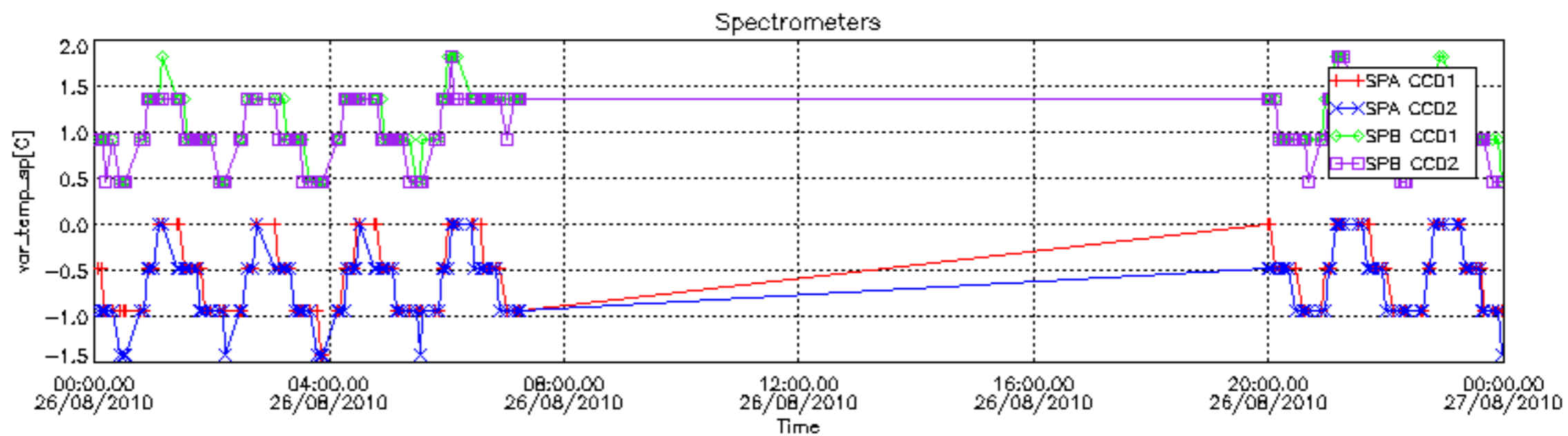


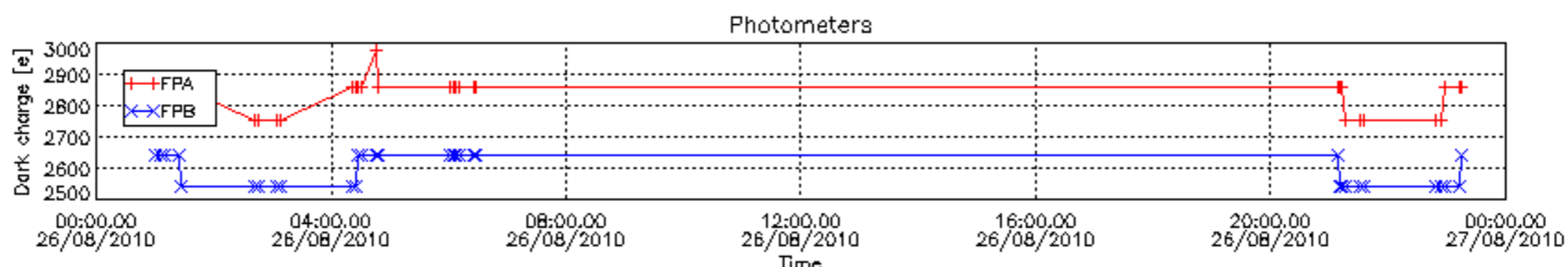
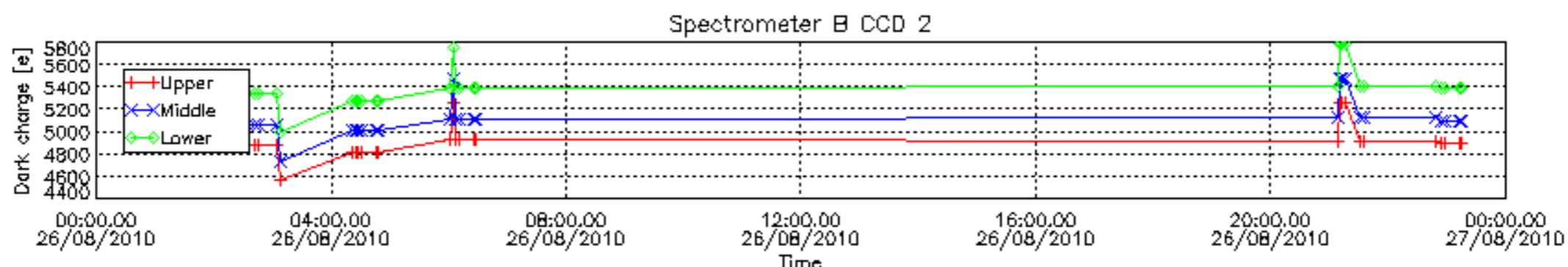
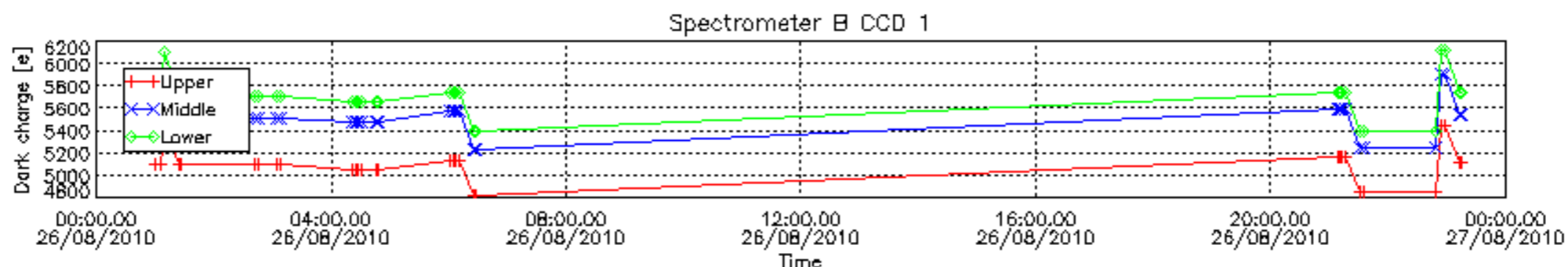
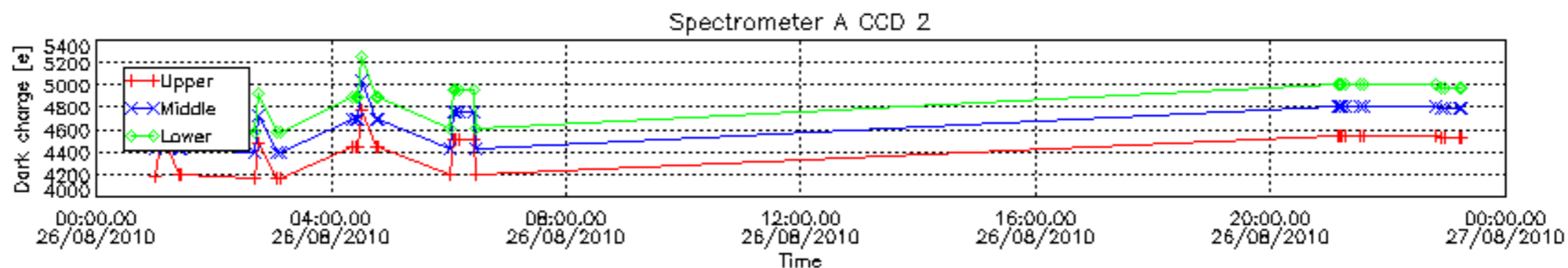
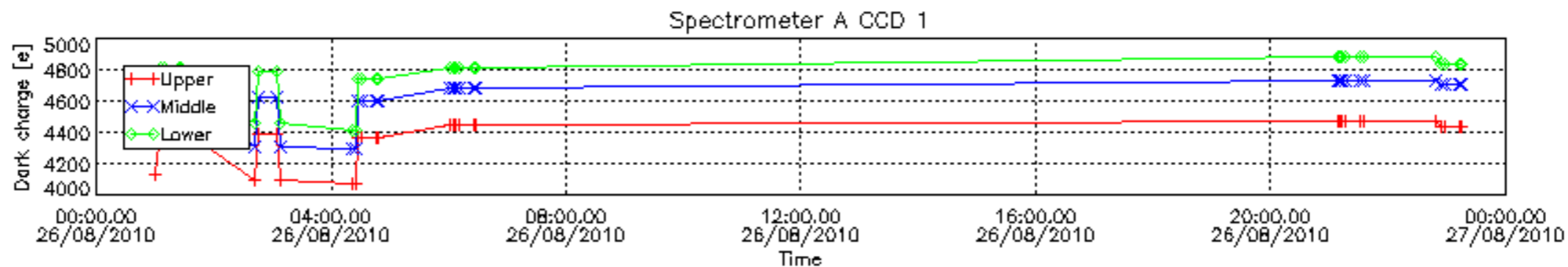
8. Auxiliary Data Files used for the production reported in section 2.4

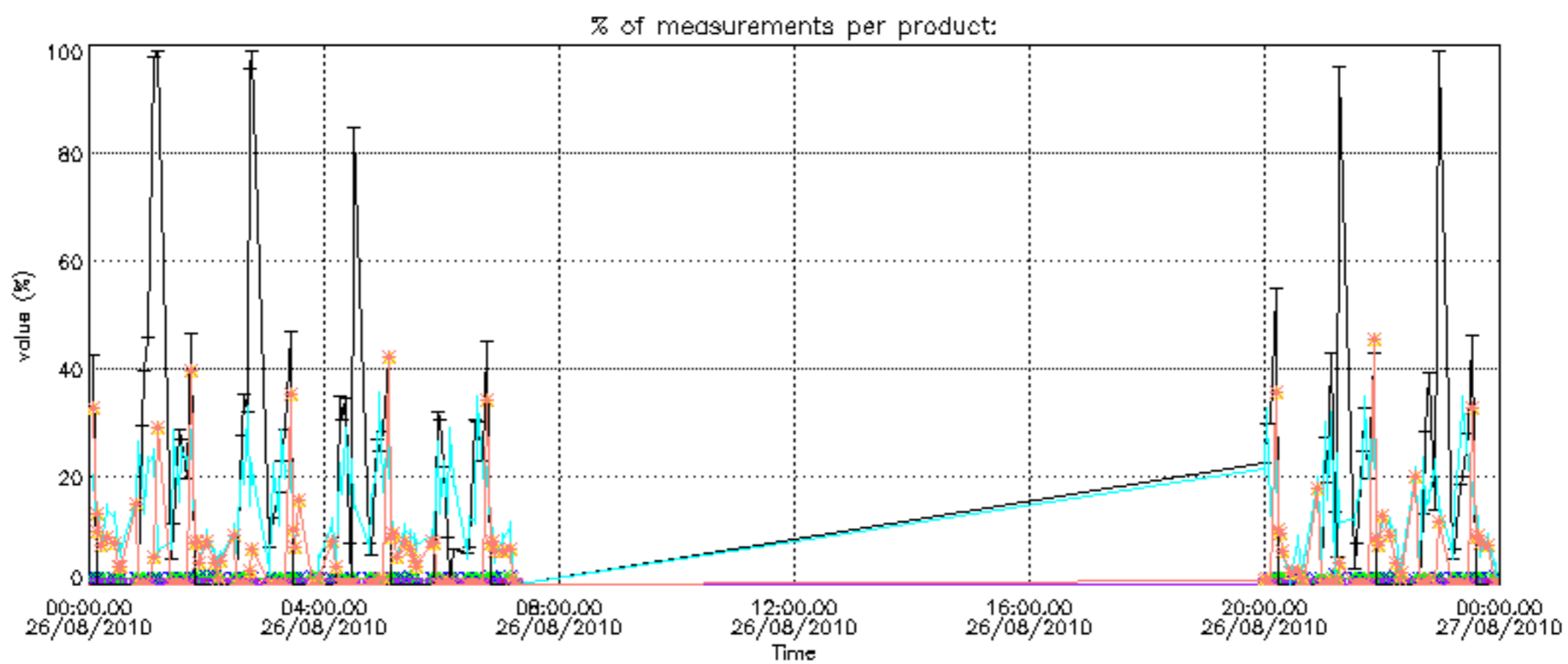
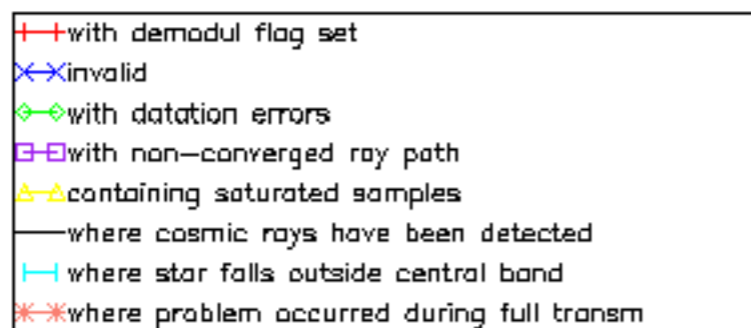
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	26-AUG-2010 00:03:53
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100824_082223_20100822_000000_20500101_000000	1	26-AUG-2010 00:03:53
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	26-AUG-2010 00:03:53
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	26-AUG-2010 00:03:53
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	26-AUG-2010 00:03:53
ECMWF_FILE	AUX_ECF_AXNECM20100825_053352_20100825_210000_20100826_090000	1	26-AUG-2010 00:03:53
ECMWF_FILE	AUX_ECF_AXNECM20100825_171353_20100826_030000_20100826_150000	46	26-AUG-2010 03:48:04
ECMWF_FILE	AUX_ECA_AXNECM20100826_052114_20100825_210000_20100826_090000	70	26-AUG-2010 05:49:10
ECMWF_FILE	AUX_ECF_AXNECM20100826_054113_20100826_150000_20100827_030000	91	26-AUG-2010 19:59:30
ECMWF_FILE	AUX_ECF_AXNECM20100826_054114_20100826_210000_20100827_090000	106	26-AUG-2010 21:07:48
OPTIONAL_ECMWF_FILE	MISSING	1	26-AUG-2010 00:03:53
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100825_091352_20100824_190655_20100903_203308	1	26-AUG-2010 00:03:53
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100826_010012_000025502092_00231_44373_1024.N1	14	26-AUG-2010 01:05:51
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100826_014242_000070132092_00232_44374_0926.N1	23	26-AUG-2010 01:49:22
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100826_034454_000063762092_00233_44375_1025.N1	46	26-AUG-2010 03:48:04
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100826_054148_00006382092_00234_44376_1026.N1	70	26-AUG-2010 05:49:10
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100826_195713_000038252092_00243_44385_0932.N1	91	26-AUG-2010 19:59:30
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100826_210617_000060572092_00243_44385_0933.N1	106	26-AUG-2010 21:07:48
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100826_225233_000057382092_00244_44386_0934.N1	128	26-AUG-2010 22:53:44

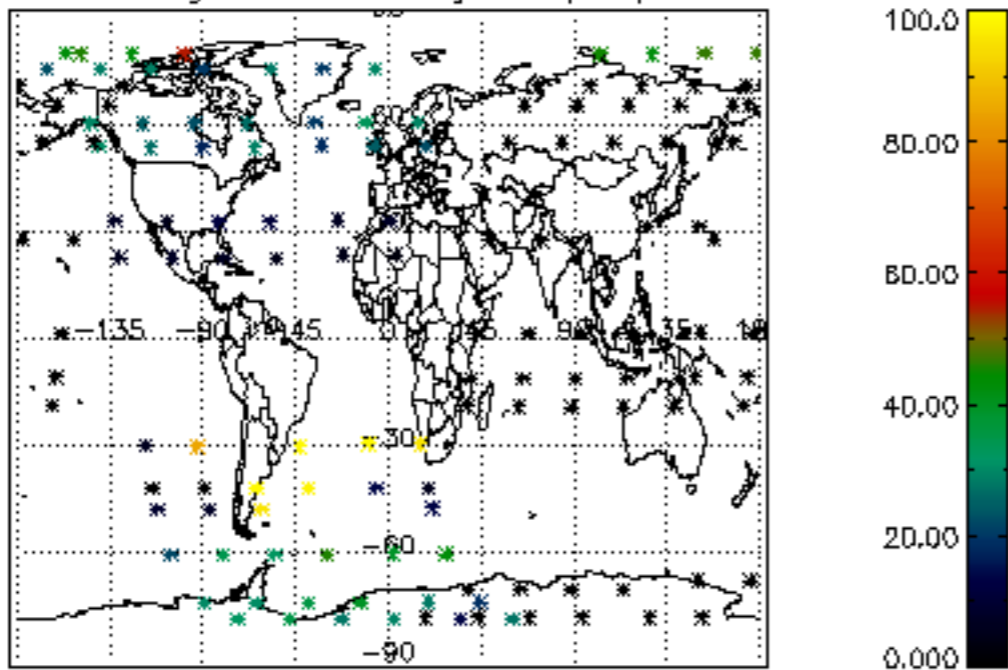




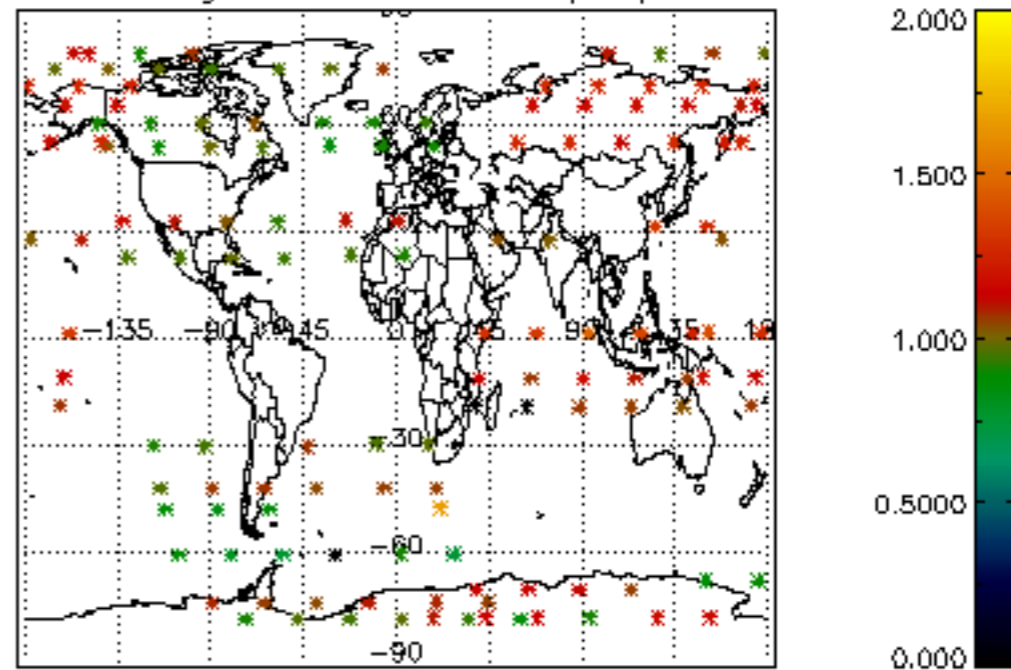




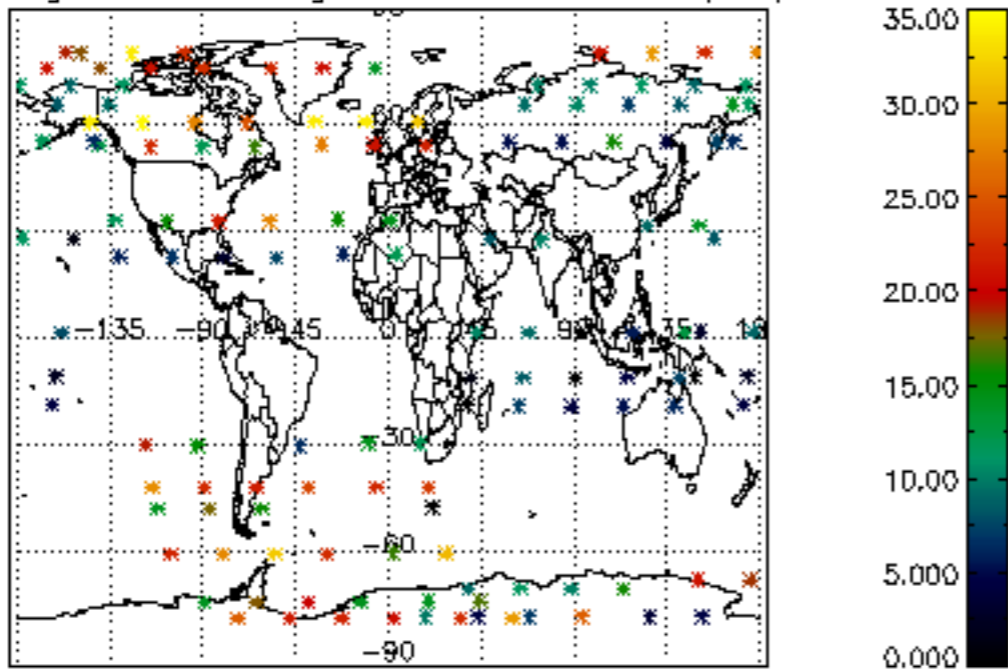
Percentage of cosmic ray hits per profile



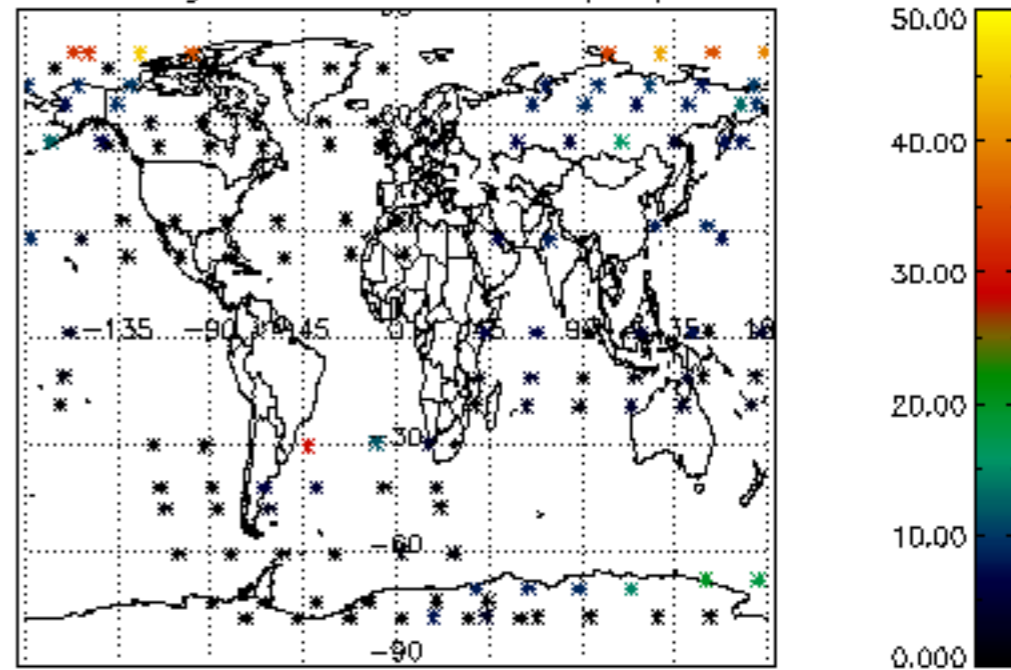
Percentage of datation errors per profile



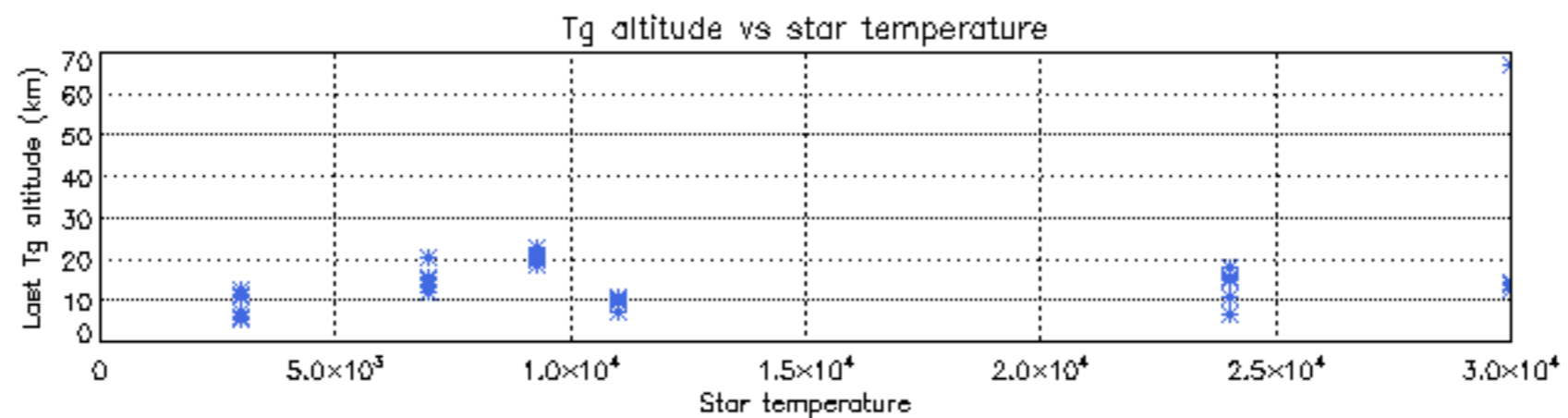
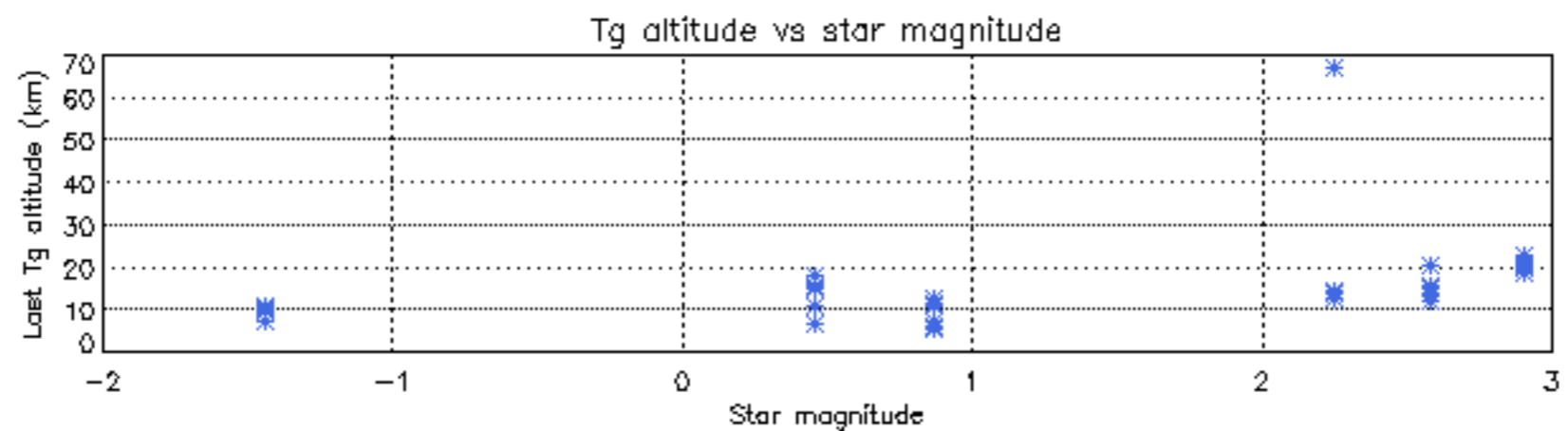
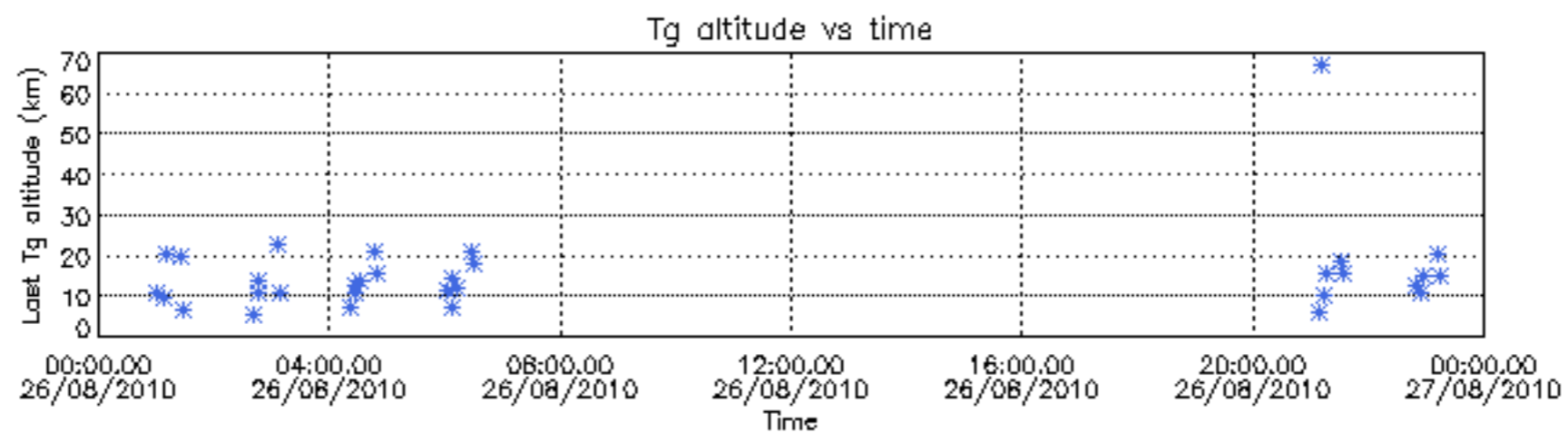
Percentage of star falling outside central band per profile



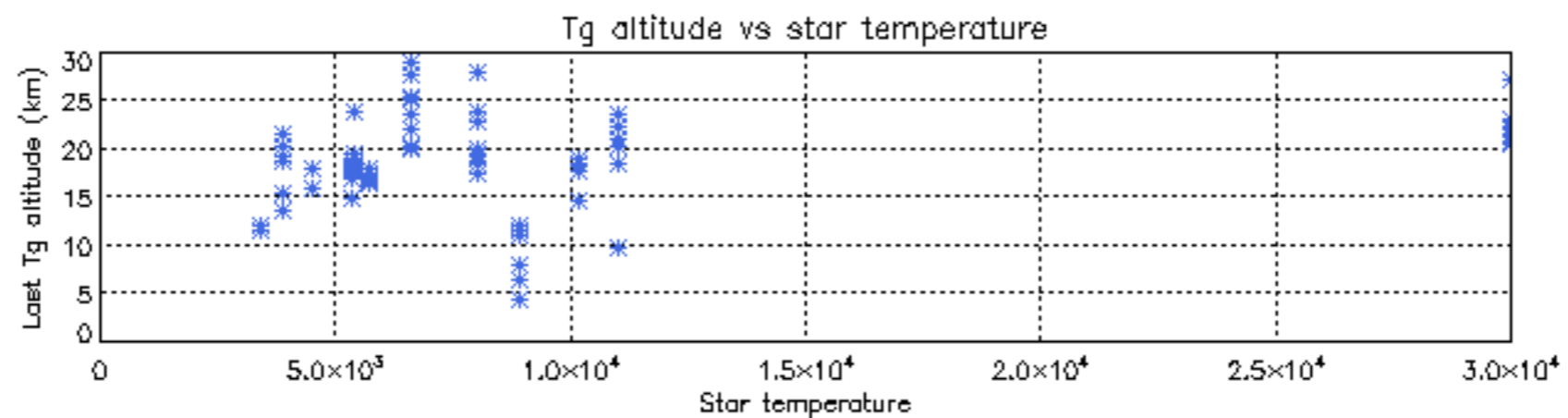
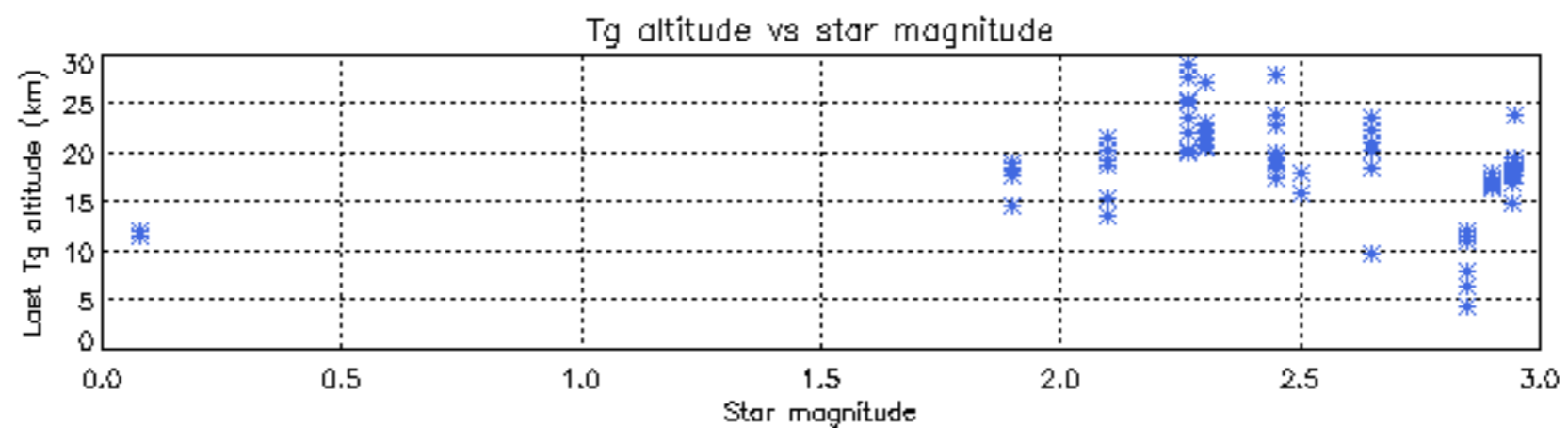
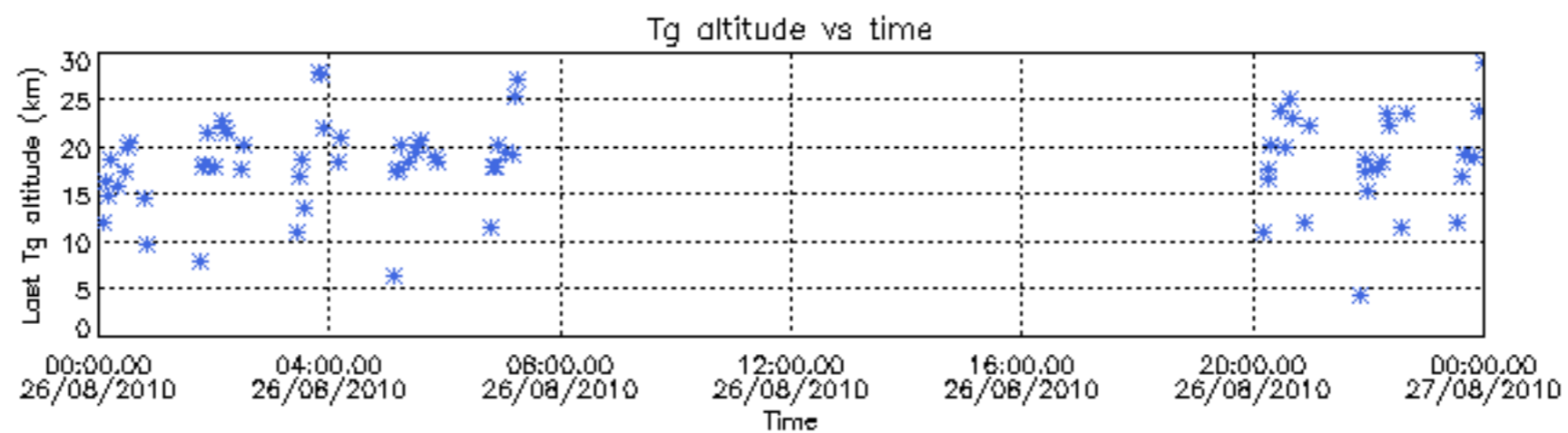
Percentage of saturation errors per profile

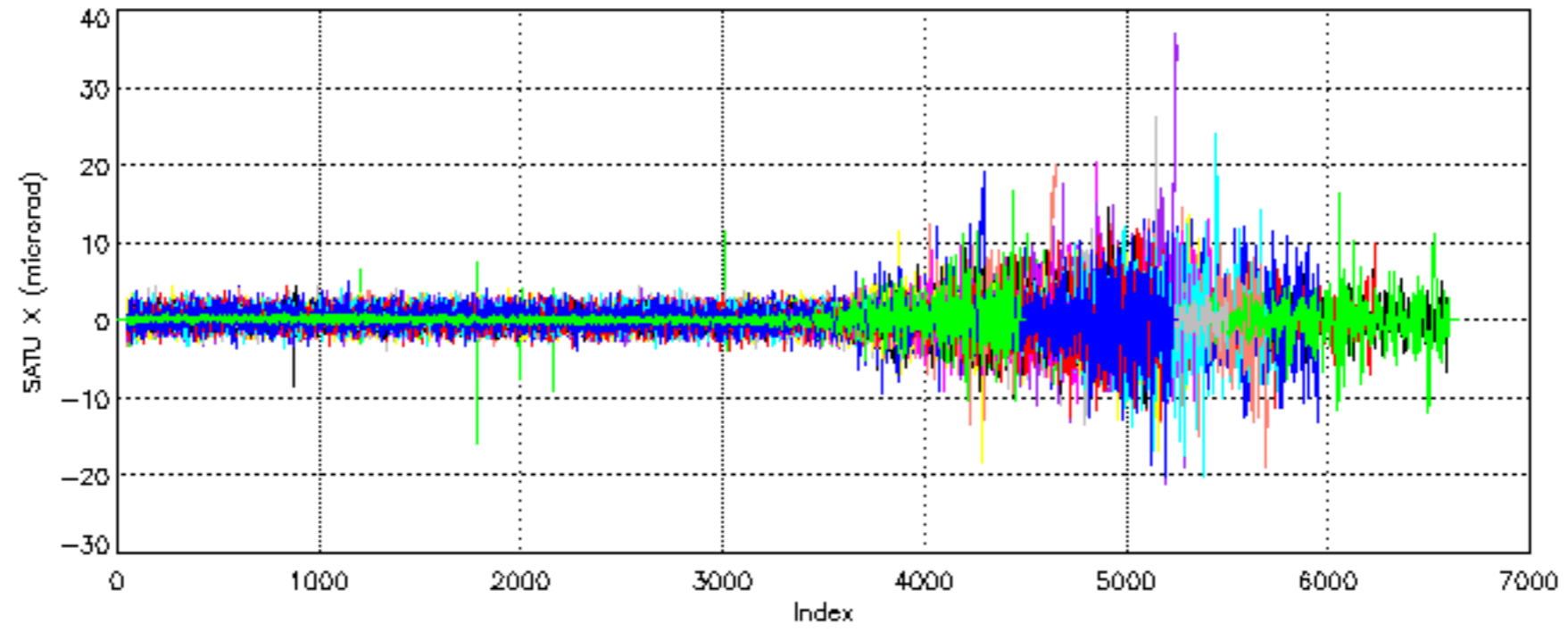


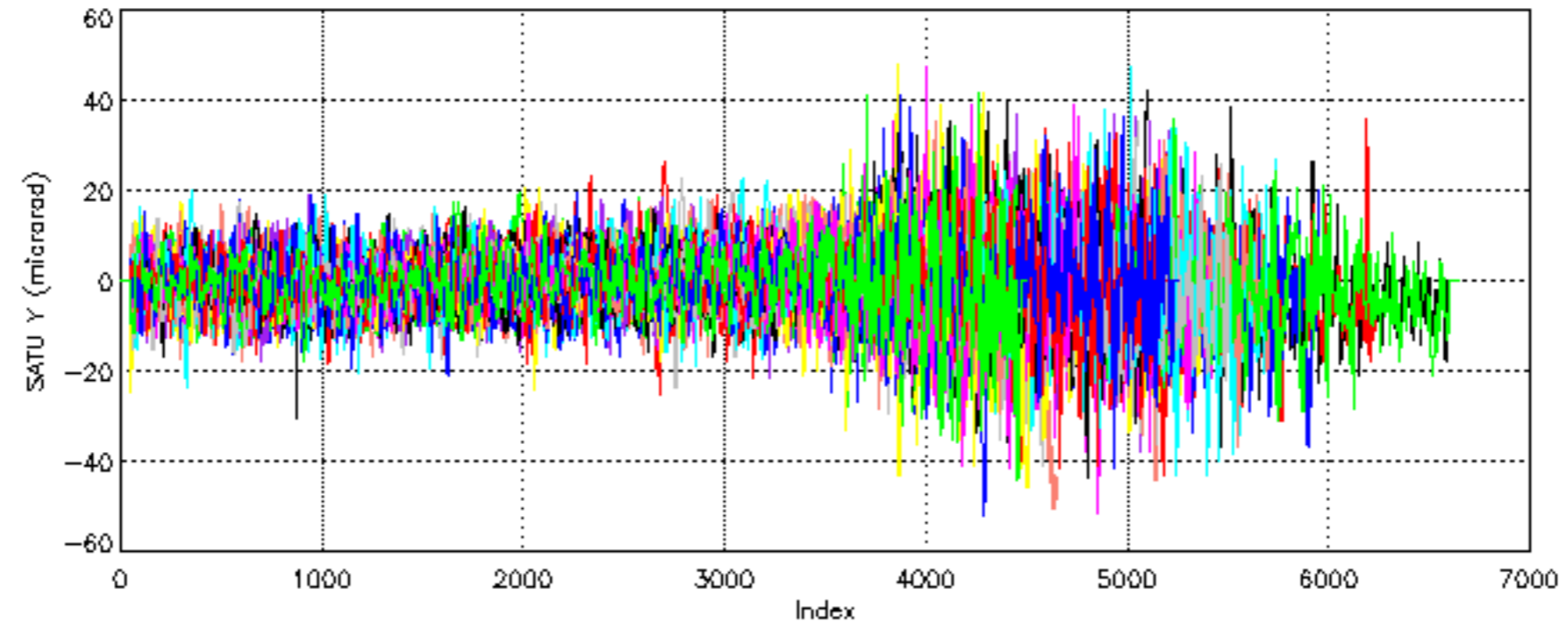
Tangent altitude at which the star is lost

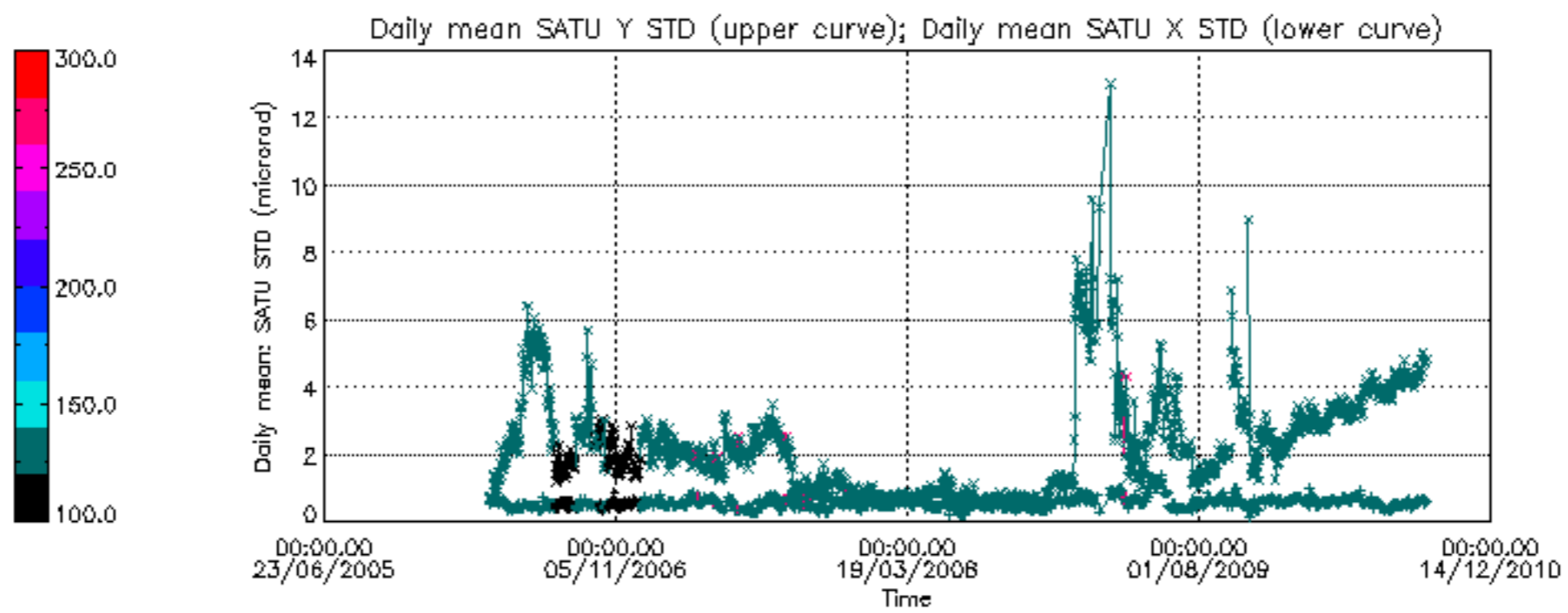


Tangent altitude at which the star is lost









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 2; -304.7; 01-AUG-2010 00:58:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44015
 3; -27.8; 01-AUG-2010 01:02:51; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44015
 4; 304.4; 01-AUG-2010 01:08:23; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44016
 5; 589.1; 01-AUG-2010 01:13:08; Dark ; 64.5; 84; Alp Phe ; 2.40; 4500;occ; 129; 0;44016
 6; 917.6; 01-AUG-2010 01:18:36; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;44016
 7; 1106.1; 01-AUG-2010 01:21:45; Dark ; 46.5; 172; Gam Gru ; 3.00; 13100;occ; 93; 0;44016
 8; 2059.4; 01-AUG-2010 01:37:38; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;44016
 9; 2581.0; 01-AUG-2010 01:46:20; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44016
 10; 2695.1; 01-AUG-2010 01:48:14; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44016
 11; 3092.0; 01-AUG-2010 01:54:51; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44016
 12; 3980.4; 01-AUG-2010 02:09:39; Bright; 48.5; 160; 23Gam Per ; 2.93; 4700;occ; 97; 0;44016
 13; 4139.3; 01-AUG-2010 02:12:18; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 0;44016
 14; 4315.7; 01-AUG-2010 02:15:14; Bright; 46.5; 149; 45Eps Per ; 2.89; 30000;occ; 93; 0;44016
 15; 4500.7; 01-AUG-2010 02:18:19; Dark ; 29.0; 150; 44Zet Per ; 2.89; 28000;occ; 58; 0;44016
 16; 4638.3; 01-AUG-2010 02:20:37; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;44016
 17; 4788.1; 01-AUG-2010 02:23:07; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;44016
 18; 4908.8; 01-AUG-2010 02:25:07; Dark ; 40.5; 27; 24Gam Ori ; 1.64; 26000;occ; 81; 0;44016
 19; 5013.5; 01-AUG-2010 02:26:52; Dark ; 40.5; 72; 34Del Ori ; 2.25; 30000;occ; 81; 0;44016
 20; 5171.3; 01-AUG-2010 02:29:30; Dark ; 43.5; 7; 19Bet Ori ; 0.10; 14000;occ; 87; 0;44016
 21; 5444.4; 01-AUG-2010 02:34:03; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;44016
 22; 5731.9; 01-AUG-2010 02:38:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44016
 23; 6009.4; 01-AUG-2010 02:43:28; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44016
 24; 6340.9; 01-AUG-2010 02:49:00; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44017
 25; 6626.0; 01-AUG-2010 02:53:45; Dark ; 34.0; 84; Alp Phe ; 2.40; 4500;occ; 68; 0;44017

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 4; 304.4; 01-AUG-2010 01:08:23; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44016
 5; 589.1; 01-AUG-2010 01:13:08; Dark ; 64.5; 84; Alp Phe ; 2.40; 4500;occ; 129; 0;44016
 6; 917.6; 01-AUG-2010 01:18:36; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;44016
 7; 1106.1; 01-AUG-2010 01:21:45; Dark ; 46.5; 172; Gam Gru ; 3.00; 13100;occ; 93; 0;44016
 8; 2059.4; 01-AUG-2010 01:37:38; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;44016
 9; 2581.0; 01-AUG-2010 01:46:20; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44016
 10; 2695.1; 01-AUG-2010 01:48:14; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44016
 11; 3092.0; 01-AUG-2010 01:54:51; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44016
 12; 3980.4; 01-AUG-2010 02:09:39; Bright; 48.5; 160; 23Gam Per ; 2.93; 4700;occ; 97; 0;44016
 13; 4139.3; 01-AUG-2010 02:12:18; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 0;44016
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 15; 4500.7; 01-AUG-2010 02:18:19; Dark ; 29.0; 150; 44Zet Per ; 2.89; 28000;occ; 58; 0;44016
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 17; 4788.1; 01-AUG-2010 02:23:07; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;44016
 18; 4908.8; 01-AUG-2010 02:25:07; Dark ; 40.5; 27; 24Gam Ori ; 1.64; 26000;occ; 81; 0;44016
 19; 5013.5; 01-AUG-2010 02:26:52; Dark ; 40.5; 72; 34Del Ori ; 2.25; 30000;occ; 81; 0;44016
 20; 5171.3; 01-AUG-2010 02:29:30; Dark ; 43.5; 7; 19Bet Ori ; 0.10; 14000;occ; 87; 0;44016
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 26; 6953.7; 01-AUG-2010 02:59:12; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;44017
 27; 7142.2; 01-AUG-2010 03:02:21; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;44017
 28; 8095.3; 01-AUG-2010 03:18:14; Bright; 37.5; 11; 53Alp Aql ; 0.76; 8000;occ; 75; 0;44017
 29; 8616.6; 01-AUG-2010 03:26:55; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44017
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 7; 4139.3; 01-AUG-2010 02:12:18; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 0;44016
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 9; 4500.7; 01-AUG-2010 02:18:19; Dark ; 29.0; 150; 44Zet Per ; 2.89; 28000;occ; 58; 0;44016
 10; 4638.3; 01-AUG-2010 02:20:37; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;44016


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11; 4788.1; 01-AUG-2010 02:23:07; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;44016
12; 4908.8; 01-AUG-2010 02:25:07; Dark ; 40.5; 27; 24Gam Ori ; 1.64; 26000;occ; 81; 0;44016
13; 5013.5; 01-AUG-2010 02:26:52; Dark ; 40.5; 72; 34Del Ori ; 2.25; 30000;occ; 81; 0;44016
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17; 6009.4; 01-AUG-2010 02:43:28; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44016
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19; 6626.0; 01-AUG-2010 02:53:45; Dark ; 65.0; 84; Alp Phe ; 2.40; 4500;occ; 130; 0;44017
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21; 7142.2; 01-AUG-2010 03:02:21; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;44017
22; 8095.3; 01-AUG-2010 03:18:14; Bright; 37.5; 11; 53Alp Aql ; 0.76; 8000;occ; 75; 0;44017
23; 8616.6; 01-AUG-2010 03:26:55; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44017
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5;-1535.0; 01-AUG-2010 03:58:56; Dark ; 29.0; 150; 44Zet Per ; 2.89; 28000;occ; 58; 0;44017
6;-1397.4; 01-AUG-2010 04:01:13; Dark ; 39.0; 176; 23Zet Tau ; 3.02; 22000;occ; 78; 0;44017
7;-1247.2; 01-AUG-2010 04:03:43; Dark ; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;44017
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10; -864.3; 01-AUG-2010 04:10:06; Dark ; 46.0; 7; 19Bet Ori ; 0.10; 14000;occ; 92; 0;44017
11; -590.5; 01-AUG-2010 04:14:40; Dark ; 57.0; 165; 34Gam Eri ; 2.95; 3200;occ; 114; 0;44017
12; -303.3; 01-AUG-2010 04:19:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44017
13; -25.4; 01-AUG-2010 04:24:05; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44017
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16; 918.6; 01-AUG-2010 04:39:49; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;44018
17; 1106.9; 01-AUG-2010 04:42:57; Dark ; 47.0; 172; Gam Gru ; 3.00; 13100;occ; 94; 0;44018
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3;-1835.4; 01-AUG-2010 07:15:07; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;44019
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7;-1246.6; 01-AUG-2010 07:24:56; Dark ; 53.0; 13; 87Alp Tau ; 0.87; 3800;occ; 106; 0;44019
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9;-1021.6; 01-AUG-2010 07:28:41; Dark ; 37.5; 72; 34Del Ori ; 2.25; 30000;occ; 75; 0;44019
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11; -588.5; 01-AUG-2010 07:35:54; Dark ; 53.5; 165; 34Gam Eri ; 2.95; 3200;occ; 107; 0;44019
12; -301.9; 01-AUG-2010 07:40:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44019
13; -23.8; 01-AUG-2010 07:45:19; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44019
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5; 3978.8; 01-AUG-2010 08:52:01; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;44020
6; 4078.3; 01-AUG-2010 08:53:41; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;44020
7; 4200.5; 01-AUG-2010 08:55:43; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;44020
8; 4315.3; 01-AUG-2010 08:57:38; Bright; 48.0; 149; 45Eps Per ; 2.89; 30000;occ; 96; 0;44020
9; 4514.3; 01-AUG-2010 09:00:57; Dark ; 45.0; 28; 12Bet Tau ; 1.65; 15200;occ; 90; 0;44020
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11; 4789.7; 01-AUG-2010 09:05:32; Dark ; 56.5; 13; 87Alp Tau ; 0.87; 3800;occ; 113; 0;44020
12; 4910.0; 01-AUG-2010 09:07:33; Dark ; 38.5; 27; 24Gam Ori ; 1.64; 26000;occ; 77; 0;44020
13; 5014.9; 01-AUG-2010 09:09:17; Dark ; 38.5; 72; 34Del Ori ; 2.25; 30000;occ; 77; 0;44020

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15; 5448.3; 01-AUG-2010 09:16:31; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;44020
16; 5734.7; 01-AUG-2010 09:21:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44020
17; 6012.8; 01-AUG-2010 09:25:55; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;44020
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 7; 3059.8; 06-AUG-2010 17:42:49; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44097
 8; 3541.5; 06-AUG-2010 17:50:51; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44097
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 16; 4822.9; 06-AUG-2010 18:12:12; Dark ; 61.5; 13; 87Alp Tau ; 0.87; 3800;occ; 123; 0;44097
 17; 4938.8; 06-AUG-2010 18:14:08; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44097
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 19; 5135.3; 06-AUG-2010 18:17:25; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44097
 20; 5211.3; 06-AUG-2010 18:18:41; Dark ; 58.0; 7; 19Bet Ori ; 0.10; 14000;occ; 116; 0;44097
 21; 5497.6; 06-AUG-2010 18:23:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44097
 22; 6091.4; 06-AUG-2010 18:33:21; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;44098
 23; 6397.3; 06-AUG-2010 18:38:27; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44098
 24; 6710.3; 06-AUG-2010 18:43:40; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44098
 25; 6993.7; 06-AUG-2010 18:48:23; Dark ; 19.5; 31; Alp Gru ; 1.73; 15200;occ; 39; 0;44098

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 4; 44.7; 06-AUG-2010 01:47:11; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;44088
 5; 354.0; 06-AUG-2010 01:52:20; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44088
 6; 664.1; 06-AUG-2010 01:57:30; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44088
 7; 953.2; 06-AUG-2010 02:02:19; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;44088
 8; 1138.7; 06-AUG-2010 02:05:25; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;44088
 9; 1576.7; 06-AUG-2010 02:12:43; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;44088
 10; 1811.2; 06-AUG-2010 02:16:37; Bright; 50.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 100; 0;44088
 11; 2056.7; 06-AUG-2010 02:20:42; Bright; 39.0; 11; 53Alp Aql ; 0.76; 8000;occ; 78; 0;44088
 12; 2547.1; 06-AUG-2010 02:28:53; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44088
 13; 2682.6; 06-AUG-2010 02:31:08; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44088
 14; 3063.0; 06-AUG-2010 02:37:29; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44088
 15; 3547.7; 06-AUG-2010 02:45:34; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44088
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 3; 1809.9; 06-AUG-2010 20:43:11; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44099
 4; 2542.7; 06-AUG-2010 20:55:24; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44099
 5; 2624.1; 06-AUG-2010 20:56:45; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44099
 6; 2732.9; 06-AUG-2010 20:58:34; Bright; 44.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 89; 0;44099
 7; 3059.1; 06-AUG-2010 21:04:00; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44099

8; 3540.0; 06-AUG-2010 21:12:01; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44099
9; 3619.6; 06-AUG-2010 21:13:21; Bright; 38.0; 110; 37Del Cas ; 2.68; 8900;occ; 76; 0;44099
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12; 4200.6; 06-AUG-2010 21:23:02; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;44099
13; 4310.8; 06-AUG-2010 21:24:52; Bright; 54.5; 149; 45Eps Per ; 2.89; 30000;occ; 109; 0;44099
14; 4528.3; 06-AUG-2010 21:28:30; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44099
15; 4657.0; 06-AUG-2010 21:30:38; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44099
16; 4824.0; 06-AUG-2010 21:33:25; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;44099
17; 4939.4; 06-AUG-2010 21:35:21; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44099
18; 5054.8; 06-AUG-2010 21:37:16; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44099
19; 5136.1; 06-AUG-2010 21:38:37; Dark ; 41.5; 125; 44Iot Ori ; 2.77; 30000;occ; 83; 0;44099
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3; 362.7; 06-AUG-2010 21:59:40; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44100
4; 676.2; 06-AUG-2010 22:04:53; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44100
5; 959.0; 06-AUG-2010 22:09:36; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;44100
6; 1184.8; 06-AUG-2010 22:13:22; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;44100
7; 1577.7; 06-AUG-2010 22:19:55; Bright; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44100
8; 1809.5; 06-AUG-2010 22:23:47; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44100
9; 2542.2; 06-AUG-2010 22:35:59; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44100
10; 2623.4; 06-AUG-2010 22:37:21; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44100
11; 2732.5; 06-AUG-2010 22:39:10; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44100
12; 3058.7; 06-AUG-2010 22:44:36; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44100
13; 3539.1; 06-AUG-2010 22:52:36; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44100
14; 3618.5; 06-AUG-2010 22:53:56; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;44100
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19; 4528.0; 06-AUG-2010 23:09:05; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44100
20; 4657.5; 06-AUG-2010 23:11:15; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44100
21; 4824.3; 06-AUG-2010 23:14:02; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;44100
22; 4939.8; 06-AUG-2010 23:15:57; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;44100
23; 5055.2; 06-AUG-2010 23:17:52; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44100
24; 5136.3; 06-AUG-2010 23:19:13; Dark ; 38.5; 125; 44Iot Ori ; 2.77; 30000;occ; 77; 0;44100
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3; 676.7; 06-AUG-2010 23:45:30; Dark ; 63.5; 84; Alp Phe ; 2.40; 4500;occ; 127; 0;44101
4; 958.9; 06-AUG-2010 23:50:12; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;44101
5; 1185.6; 06-AUG-2010 23:53:59; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;44101
6; 1577.4; 07-AUG-2010 00:00:30; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44101
7; 1809.5; 07-AUG-2010 00:04:23; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44101
8; 2541.9; 07-AUG-2010 00:16:35; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44101
9; 2623.5; 07-AUG-2010 00:17:57; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44101
10; 2732.0; 07-AUG-2010 00:19:45; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44101
11; 3058.5; 07-AUG-2010 00:25:12; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44101
12; 3538.5; 07-AUG-2010 00:33:12; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44101
13; 3617.9; 07-AUG-2010 00:34:31; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;44101
14; 3946.1; 07-AUG-2010 00:39:59; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;44101
15; 4052.9; 07-AUG-2010 00:41:46; Bright; 40.0; 35; 33Alp Per ; 1.79; 6250;occ; 80; 0;44101
16; 4200.3; 07-AUG-2010 00:44:13; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44101
17; 4310.6; 07-AUG-2010 00:46:04; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;44101
18; 4528.0; 07-AUG-2010 00:49:41; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;44101
19; 4657.8; 07-AUG-2010 00:51:51; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;44101
20; 4824.8; 07-AUG-2010 00:54:38; Dark ; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;44101
21; 4940.1; 07-AUG-2010 00:56:33; Dark ; 43.0; 27; 24Gam Ori ; 1.64; 26000;occ; 86; 0;44101
22; 5055.5; 07-AUG-2010 00:58:29; Dark ; 40.5; 30; 46Eps Ori ; 1.69; 30000;occ; 81; 0;44101
23; 5136.5; 07-AUG-2010 00:59:50; Dark ; 39.0; 125; 44Iot Ori ; 2.77; 30000;occ; 78; 0;44101
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8; 3059.1; 06-AUG-2010 19:23:24; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44098
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3; 678.1; 07-AUG-2010 01:26:07; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44102
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6; 72.3; 07-AUG-2010 21:23:13; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44114
7; 372.1; 07-AUG-2010 21:28:12; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44114
8; 689.9; 07-AUG-2010 21:33:30; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44114
9; 964.7; 07-AUG-2010 21:38:05; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44114
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12; 1808.0; 07-AUG-2010 21:52:08; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44114
13; 2537.0; 07-AUG-2010 22:04:17; Bright; 43.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 86; 0;44114
14; 2619.6; 07-AUG-2010 22:05:40; Bright; 43.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 87; 0;44114
15; 2727.3; 07-AUG-2010 22:07:28; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44114
16; 3053.4; 07-AUG-2010 22:12:54; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44114
17; 3528.9; 07-AUG-2010 22:20:49; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44114
18; 3608.8; 07-AUG-2010 22:22:09; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;44114
19; 3940.5; 07-AUG-2010 22:27:41; Bright; 26.0; 160; 23Gam Per ; 2.93; 4700;occ; 52; 0;44114
20; 4116.8; 07-AUG-2010 22:30:37; Bright; 47.0; 175; 39Del Per ; 3.01; 19400;occ; 94; 0;44114
21; 4356.6; 07-AUG-2010 22:34:37; Bright; 35.5; 107; 37The Aur ; 2.65; 11000;occ; 71; 0;44114
22; 4530.7; 07-AUG-2010 22:37:31; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44114
23; 4660.7; 07-AUG-2010 22:39:41; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44114
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25; 4945.8; 07-AUG-2010 22:44:26; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;44114
26; 5060.7; 07-AUG-2010 22:46:21; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;44114
27; 5142.5; 07-AUG-2010 22:47:43; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44114
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4; 73.2; 07-AUG-2010 23:03:49; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;44115

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9; 1579.0; 07-AUG-2010 23:28:55; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44115
10; 1808.0; 07-AUG-2010 23:32:44; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44115
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12; 2619.4; 07-AUG-2010 23:46:15; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;44115
13; 2726.8; 07-AUG-2010 23:48:03; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44115
14; 3052.9; 07-AUG-2010 23:53:29; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44115
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18; 4116.4; 08-AUG-2010 00:11:13; Bright; 46.5; 175; 39Del Per ; 3.01; 19400;occ; 93; 0;44115
19; 4356.4; 08-AUG-2010 00:15:12; Bright; 36.5; 107; 37The Aur ; 2.65; 11000;occ; 73; 0;44115
20; 4530.7; 08-AUG-2010 00:18:07; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;44115
21; 4661.1; 08-AUG-2010 00:20:17; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44115
22; 4831.9; 08-AUG-2010 00:23:08; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;44115
23; 4946.1; 08-AUG-2010 00:25:02; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44115
24; 5061.1; 08-AUG-2010 00:26:57; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44115
25; 5142.9; 08-AUG-2010 00:28:19; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44115
26; 5220.9; 08-AUG-2010 00:29:37; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;44115

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3; 74.3; 08-AUG-2010 00:44:26; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44116
4; 373.3; 08-AUG-2010 00:49:25; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44116
5; 691.9; 08-AUG-2010 00:54:44; Dark ; 65.5; 84; Alp Phe ; 2.40; 4500;occ; 131; 0;44116
6; 965.9; 08-AUG-2010 00:59:18; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44116
7; 1193.8; 08-AUG-2010 01:03:06; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44116
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9; 1807.7; 08-AUG-2010 01:13:20; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44116
10; 2535.7; 08-AUG-2010 01:25:28; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44116
11; 2619.0; 08-AUG-2010 01:26:51; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44116
12; 2726.3; 08-AUG-2010 01:28:38; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44116
13; 3052.7; 08-AUG-2010 01:34:05; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44116
14; 3527.6; 08-AUG-2010 01:42:00; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44116
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16; 4116.3; 08-AUG-2010 01:51:48; Bright; 47.5; 175; 39Del Per ; 3.01; 19400;occ; 95; 0;44116
17; 4356.7; 08-AUG-2010 01:55:49; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44116
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19; 4661.4; 08-AUG-2010 02:00:53; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44116
20; 4832.0; 08-AUG-2010 02:03:44; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;44116
21; 4946.5; 08-AUG-2010 02:05:39; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44116
22; 5061.9; 08-AUG-2010 02:07:34; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;44116
23; 5143.5; 08-AUG-2010 02:08:56; Dark ; 40.5; 125; 44Iot Ori ; 2.77; 30000;occ; 81; 0;44116

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3; -690.6; 08-AUG-2010 02:12:17; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44116
4; -527.9; 08-AUG-2010 02:15:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44116
5; 75.4; 08-AUG-2010 02:25:03; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44117
6; 374.1; 08-AUG-2010 02:30:02; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44117
7; 692.6; 08-AUG-2010 02:35:20; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44117
8; 966.1; 08-AUG-2010 02:39:54; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;44117
9; 1194.3; 08-AUG-2010 02:43:42; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44117
10; 1579.4; 08-AUG-2010 02:50:07; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44117
11; 1807.6; 08-AUG-2010 02:53:56; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;44117
12; 2535.8; 08-AUG-2010 03:06:04; Bright; 43.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 86; 0;44117
13; 2618.7; 08-AUG-2010 03:07:27; Bright; 41.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 83; 0;44117
14; 2726.2; 08-AUG-2010 03:09:14; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44117
15; 3052.6; 08-AUG-2010 03:14:40; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44117
16; 3526.8; 08-AUG-2010 03:22:35; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44117

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3; -1920.0; 08-AUG-2010 03:32:24; Bright; 46.5; 175; 39Del Per ; 3.01; 19400;occ; 93; 0;44117
4; -1679.3; 08-AUG-2010 03:36:25; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44117

5; -1505.0; 08-AUG-2010 03:39:19; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44117
6; -1374.1; 08-AUG-2010 03:41:30; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;44117
7; -1203.3; 08-AUG-2010 03:44:21; Dark ; 64.5; 13; 87Alp Tau ; 0.87; 3800;occ; 129; 0;44117
8; -1088.9; 08-AUG-2010 03:46:15; Dark ; 44.0; 27; 24Gam Ori ; 1.64; 26000;occ; 88; 0;44117
9; -973.1; 08-AUG-2010 03:48:11; Dark ; 42.0; 30; 46Eps Ori ; 1.69; 30000;occ; 84; 0;44117
10; -891.9; 08-AUG-2010 03:49:32; Dark ; 41.0; 125; 44Iot Ori ; 2.77; 30000;occ; 82; 0;44117
11; -813.7; 08-AUG-2010 03:50:50; Dark ; 50.0; 7; 19Bet Ori ; 0.10; 14000;occ; 100; 0;44117
12; -690.2; 08-AUG-2010 03:52:54; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44117
13; -527.3; 08-AUG-2010 03:55:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44117
14; 76.8; 08-AUG-2010 04:05:41; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44118
15; 375.1; 08-AUG-2010 04:10:39; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44118
16; 694.1; 08-AUG-2010 04:15:58; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44118
17; 966.9; 08-AUG-2010 04:20:31; Dark ; 49.5; 31; Alp Gru ; 1.73; 15200;occ; 99; 0;44118
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19; 1579.3; 08-AUG-2010 04:30:43; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44118
20; 1807.7; 08-AUG-2010 04:34:32; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;44118
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22; 2619.0; 08-AUG-2010 04:48:03; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44118
23; 2726.1; 08-AUG-2010 04:49:50; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44118
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14; 375.8; 08-AUG-2010 05:51:16; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44119
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16; 967.5; 08-AUG-2010 06:01:07; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44119
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21; 2619.0; 08-AUG-2010 06:28:39; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44119
22; 2725.8; 08-AUG-2010 06:30:26; Bright; 43.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 87; 0;44119
23; 3052.1; 08-AUG-2010 06:35:52; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44119
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3; -1678.8; 08-AUG-2010 06:57:37; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;44119
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8; -972.4; 08-AUG-2010 07:09:23; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44119
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11; -688.8; 08-AUG-2010 07:14:07; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44119
12; -526.1; 08-AUG-2010 07:16:50; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44119
13; 79.2; 08-AUG-2010 07:26:55; Dark ; 47.0; 157; The1Eri ; 2.91; 9300;occ; 94; 0;44120
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16; 967.6; 08-AUG-2010 07:41:43; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;44120
17; 1195.8; 08-AUG-2010 07:45:32; Dark ; 62.0; 18; 24Alp PsA ; 1.17; 9700;occ; 124; 0;44120
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14; 4537.9; 10-AUG-2010 19:22:11; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;44155
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19; 5162.7; 10-AUG-2010 19:32:36; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44155
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21; 5366.0; 10-AUG-2010 19:35:59; Dark ; 43.0; 101; 11Alp Lep ; 2.58; 7000;occ; 86; 0;44155
22; 5531.2; 10-AUG-2010 19:38:45; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44155
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24; 6437.4; 10-AUG-2010 19:53:51; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44156
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 5; 403.3; 11-AUG-2010 00:55:40; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44159
 6; 732.8; 11-AUG-2010 01:01:10; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;44159
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 9; 1583.7; 11-AUG-2010 01:15:21; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44159
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16; 3365.7; 11-AUG-2010 01:45:03; Bright; 32.0; 74; 11Bet Cas ; 2.27; 6600;occ; 64; 0;44159
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7; 122.6; 11-AUG-2010 02:31:36; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44160
8; 404.4; 11-AUG-2010 02:36:17; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44160
9; 733.7; 11-AUG-2010 02:41:47; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;44160
10; 985.0; 11-AUG-2010 02:45:58; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;44160
11; 1217.2; 11-AUG-2010 02:49:50; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44160
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13; 1803.5; 11-AUG-2010 02:59:36; Bright; 47.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 94; 0;44160
14; 2142.7; 11-AUG-2010 03:05:16; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;44160
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16; 2609.5; 11-AUG-2010 03:13:02; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44160
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13; 404.9; 11-AUG-2010 04:16:54; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;44161
14; 734.6; 11-AUG-2010 04:22:23; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44161
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 4; 1802.6; 11-AUG-2010 21:26:11; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44171
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 23; 5088.6; 12-AUG-2010 00:01:33; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44172
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12; 125.8; 11-AUG-2010 07:33:27; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44163
13; 406.3; 11-AUG-2010 07:38:07; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44163
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16; 1218.5; 11-AUG-2010 07:51:39; Dark ; 63.0; 18; 24Alp PsA ; 1.17; 9700;occ; 126; 0;44163
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4; 2608.9; 11-AUG-2010 08:14:50; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44163
5; 2712.0; 11-AUG-2010 08:16:33; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44163
6; 3037.2; 11-AUG-2010 08:21:58; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44163
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9; 4198.1; 11-AUG-2010 08:41:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44163
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12; 4673.9; 11-AUG-2010 08:49:15; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44163
13; 4857.5; 11-AUG-2010 08:52:18; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 0;44163
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15; 5084.0; 11-AUG-2010 08:56:05; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44163
16; 5166.8; 11-AUG-2010 08:57:28; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44163
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23; 7023.0; 11-AUG-2010 09:28:24; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44164
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4; 2608.7; 11-AUG-2010 09:55:26; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44164
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10; 4361.0; 11-AUG-2010 10:24:38; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;44164
11; 4539.5; 11-AUG-2010 10:27:36; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;44164
12; 4673.9; 11-AUG-2010 10:29:51; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44164
13; 4858.1; 11-AUG-2010 10:32:55; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44164
14; 4968.6; 11-AUG-2010 10:34:45; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;44164
15; 5084.2; 11-AUG-2010 10:36:41; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44164
16; 5167.3; 11-AUG-2010 10:38:04; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44164
17; 5251.2; 11-AUG-2010 10:39:28; Dark ; 58.0; 7; 19Bet Ori ; 0.10; 14000;occ; 116; 0;44164
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19; 5536.7; 11-AUG-2010 10:44:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44164
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21; 6443.4; 11-AUG-2010 10:59:20; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44165
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24; 7255.4; 11-AUG-2010 11:12:52; Dark ; 61.0; 18; 24Alp PsA ; 1.17; 9700;occ; 122; 0;44165
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 12; 4674.3; 11-AUG-2010 12:10:27; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44165
 13; 4858.7; 11-AUG-2010 12:13:31; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44165
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 21; 6444.3; 11-AUG-2010 12:39:57; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44166
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 8; 4195.4; 14-AUG-2010 15:29:25; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;44210
 9; 4365.1; 14-AUG-2010 15:32:14; Bright; 57.0; 107; 37The Aur ; 2.65; 11000;occ; 114; 0;44210
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13; 5109.1; 14-AUG-2010 15:44:39; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;44210
14; 5193.4; 14-AUG-2010 15:46:03; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44210
15; 5283.7; 14-AUG-2010 15:47:33; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44210
16; 5398.5; 14-AUG-2010 15:49:28; Dark ; 45.0; 101; 11Alp Lep ; 2.58; 7000;occ; 90; 0;44210
17; 5567.4; 14-AUG-2010 15:52:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44210
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19; 6475.3; 14-AUG-2010 16:07:25; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44211
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3; -465.8; 14-AUG-2010 22:34:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44214
4; 185.5; 14-AUG-2010 22:45:35; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44215
5; 441.9; 14-AUG-2010 22:49:51; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44215
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7; 1006.6; 14-AUG-2010 22:59:16; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44215
8; 1242.9; 14-AUG-2010 23:03:12; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;44215
9; 1589.1; 14-AUG-2010 23:08:58; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44215
10; 1800.3; 14-AUG-2010 23:12:29; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;44215
11; 2120.4; 14-AUG-2010 23:17:50; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;44215
12; 2506.9; 14-AUG-2010 23:24:16; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44215
13; 2599.9; 14-AUG-2010 23:25:49; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;44215
14; 2699.1; 14-AUG-2010 23:27:28; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44215
15; 3021.3; 14-AUG-2010 23:32:50; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44215
16; 4194.9; 14-AUG-2010 23:52:24; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;44215
17; 4365.2; 14-AUG-2010 23:55:14; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;44215
18; 4549.0; 14-AUG-2010 23:58:18; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;44215
19; 4716.2; 15-AUG-2010 00:01:05; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44215
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22; 5196.2; 15-AUG-2010 00:09:05; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44215
23; 5287.3; 15-AUG-2010 00:10:37; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;44215
24; 5401.3; 15-AUG-2010 00:12:30; Dark ; 26.0; 101; 11Alp Lep ; 2.58; 7000;occ; 52; 0;44215
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3; 1800.5; 14-AUG-2010 16:30:06; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;44211
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21; 6816.4; 14-AUG-2010 17:53:42; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44212
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7; 1243.0; 15-AUG-2010 00:43:48; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;44216
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19; 4923.9; 15-AUG-2010 01:45:09; Dark ; 58.5; 14; 58Alp Ori ; 0.87; 3000;occ; 117; 0;44216
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12; 1800.2; 15-AUG-2010 02:33:41; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;44217
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13; 785.5; 15-AUG-2010 03:57:22; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44218

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 17; 1800.3; 15-AUG-2010 04:14:17; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44218
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 11; 190.4; 15-AUG-2010 05:28:03; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44219
 12; 445.0; 15-AUG-2010 05:32:18; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44219
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 17; 1800.0; 15-AUG-2010 05:54:53; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44219
 18; 1926.5; 15-AUG-2010 05:56:59; Bright; 28.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 56; 0;44219
 19; 2119.2; 15-AUG-2010 06:00:12; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44219
 20; 2506.1; 15-AUG-2010 06:06:39; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44219
 21; 2599.9; 15-AUG-2010 06:08:13; Bright; 37.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 74; 0;44219
 22; 2698.4; 15-AUG-2010 06:09:51; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44219
 23; 3020.5; 15-AUG-2010 06:15:13; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44219

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 4; -1318.3; 15-AUG-2010 06:43:30; Dark ; 41.0; 44; 24Gam Gem ; 1.93; 11000;occ; 82; 0;44219
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 14; 1009.0; 15-AUG-2010 07:22:18; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44220
 15; 1244.9; 15-AUG-2010 07:26:14; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;44220
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 3; 2118.7; 15-AUG-2010 07:40:48; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;44220
 4; 2505.8; 15-AUG-2010 07:47:15; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44220
 5; 2599.6; 15-AUG-2010 07:48:48; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44220
 6; 2698.1; 15-AUG-2010 07:50:27; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44220
 7; 3019.9; 15-AUG-2010 07:55:49; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44220
 8; 4194.6; 15-AUG-2010 08:15:23; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;44220
 9; 4365.9; 15-AUG-2010 08:18:15; Bright; 57.0; 107; 37The Aur ; 2.65; 11000;occ; 114; 0;44220
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 11; 4717.8; 15-AUG-2010 08:24:07; Dark ; 38.5; 44; 24Gam Gem ; 1.93; 11000;occ; 77; 0;44220
 12; 4925.5; 15-AUG-2010 08:27:34; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;44220
 13; 5114.4; 15-AUG-2010 08:30:43; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44220
 14; 5199.2; 15-AUG-2010 08:32:08; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;44220
 15; 5291.2; 15-AUG-2010 08:33:40; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;44220
 16; 5404.8; 15-AUG-2010 08:35:34; Dark ; 47.0; 101; 11Alp Lep ; 2.58; 7000;occ; 94; 0;44220


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18; 6228.8; 15-AUG-2010 08:49:18; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44221
19; 6482.1; 15-AUG-2010 08:53:31; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44221
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21; 7045.4; 15-AUG-2010 09:02:54; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;44221
22; 7281.2; 15-AUG-2010 09:06:50; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44221
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 7; 3019.7; 15-AUG-2010 09:36:24; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44221
 8; 4194.6; 15-AUG-2010 09:55:59; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;44221
 9; 4365.9; 15-AUG-2010 09:58:51; Bright; 51.5; 107; 37The Aur ; 2.65; 11000;occ; 103; 0;44221
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13; 5115.1; 15-AUG-2010 10:11:20; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;44221
14; 5199.6; 15-AUG-2010 10:12:44; Dark ; 44.5; 125; 44Tot Ori ; 2.77; 30000;occ; 89; 0;44221
15; 5292.0; 15-AUG-2010 10:14:17; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;44221
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 9; 4194.5; 15-AUG-2010 11:36:35; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;44222
10; 4365.8; 15-AUG-2010 11:39:26; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;44222
11; 4550.3; 15-AUG-2010 11:42:31; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;44222
12; 4718.2; 15-AUG-2010 11:45:19; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44222
13; 4926.5; 15-AUG-2010 11:48:47; Dark ; 49.0; 14; 58Alp Ori ; 0.87; 3000;occ; 98; 0;44222
14; 5115.9; 15-AUG-2010 11:51:57; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44222
15; 5200.5; 15-AUG-2010 11:53:21; Dark ; 47.5; 125; 44Tot Ori ; 2.77; 30000;occ; 95; 0;44222
16; 5292.7; 15-AUG-2010 11:54:53; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;44222
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10; 4550.5; 15-AUG-2010 13:23:07; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;44223
11; 4718.6; 15-AUG-2010 13:25:55; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;44223

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 15; 5293.5; 15-AUG-2010 13:35:30; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;44223
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 3; 1925.6; 15-AUG-2010 14:19:58; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;44224
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 10; 4366.0; 15-AUG-2010 15:00:38; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;44224
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23; 6853.3; 17-AUG-2010 19:40:40; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;44256
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 9; 1261.5; 18-AUG-2010 00:49:51; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;44259
10; 1593.9; 18-AUG-2010 00:55:24; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44259
11; 1798.9; 18-AUG-2010 00:58:49; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;44259

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14; 2497.8; 18-AUG-2010 01:10:28; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44259
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19; 2105.9; 18-AUG-2010 04:25:08; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;44261
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21; 2595.3; 18-AUG-2010 04:33:17; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;44261
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3;	1595.4;	18-AUG-2010	21:02:37;	Bright;		59.0;	142;	49Del Cap	;	2.85;	8900;occ;	118;	0;	44271
4;	1799.3;	18-AUG-2010	21:06:00;	Bright;		42.0;	154;	22Bet Aqr	;	2.90;	5700;occ;	84;	0;	44271
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4;	253.1;	18-AUG-2010	22:20:50;	Dark	;	50.5;	157;	The1Eri	;	2.91;	9300;occ;	101;	0;	44272
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8;	1266.6;	18-AUG-2010	22:37:44;	Dark	;	55.5;	18;	24Alp PsA	;	1.17;	9700;occ;	111;	0;	44272
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11;	1914.6;	18-AUG-2010	22:48:32;	Bright;		47.0;	162;	34Alp Aqr	;	2.94;	5350;occ;	94;	0;	44272
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13;	2496.3;	18-AUG-2010	22:58:13;	Bright;		36.0;	92;	53Eps Cyg	;	2.50;	4500;occ;	72;	0;	44272
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16;	3006.6;	18-AUG-2010	23:06:44;	Bright;		39.5;	89;	5Alp Cep	;	2.45;	8000;occ;	79;	0;	44272
17;	3277.2;	18-AUG-2010	23:11:14;	Bright;		31.0;	74;	11Bet Cas	;	2.27;	6600;occ;	62;	0;	44272
18;	4189.6;	18-AUG-2010	23:26:27;	Bright;		49.0;	6;	13Alp Aur	;	0.08;	3400;occ;	98;	0;	44272
19;	4369.5;	18-AUG-2010	23:29:26;	Bright;		42.5;	107;	37The Aur	;	2.65;	11000;occ;	85;	0;	44272
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21;	4731.0;	18-AUG-2010	23:35:28;	Dark	;	42.5;	44;	24Gam Gem	;	1.93;	11000;occ;	85;	0;	44272
22;	4948.7;	18-AUG-2010	23:39:06;	Dark	;	59.5;	14;	58Alp Ori	;	0.87;	3000;occ;	119;	0;	44272
23;	5147.0;	18-AUG-2010	23:42:24;	Dark	;	49.5;	30;	46Eps Ori	;	1.69;	30000;occ;	99;	0;	44272
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6;	-895.5;	18-AUG-2010	06:56:18;	Dark	;	50.5;	30;	46Eps Ori	;	1.69;	30000;occ;	101;	0;	44262
7;	-809.7;	18-AUG-2010	06:57:44;	Dark	;	44.5;	125;	44Iot Ori	;	2.77;	30000;occ;	89;	0;	44262
8;	-710.7;	18-AUG-2010	06:59:23;	Dark	;	58.5;	7;	19Bet Ori	;	0.10;	14000;occ;	117;	0;	44262
9;	-602.5;	18-AUG-2010	07:01:11;	Dark	;	49.0;	101;	11Alp Lep	;	2.58;	7000;occ;	98;	0;	44262
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 2; 1916.4; 18-AUG-2010 07:43:10; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;44263
 3; 2105.7; 18-AUG-2010 07:46:19; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;44263
 4; 2497.7; 18-AUG-2010 07:52:51; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;44263
 5; 2595.2; 18-AUG-2010 07:54:29; Bright; 34.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 69; 0;44263
 6; 2689.7; 18-AUG-2010 07:56:03; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44263
 7; 3008.8; 18-AUG-2010 08:01:23; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44263
 8; 4190.5; 18-AUG-2010 08:21:04; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44263
 9; 4369.2; 18-AUG-2010 08:24:03; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44263
10; 4558.3; 18-AUG-2010 08:27:12; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;44263
11; 4728.4; 18-AUG-2010 08:30:02; Dark ; 37.0; 44; 24Gam Gem ; 1.93; 11000;occ; 74; 0;44263
12; 4944.4; 18-AUG-2010 08:33:38; Dark ; 43.5; 14; 58Alp Ori ; 0.87; 3000;occ; 87; 0;44263
13; 5140.9; 18-AUG-2010 08:36:55; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44263
14; 5227.2; 18-AUG-2010 08:38:21; Dark ; 46.0; 125; 44Iot Ori ; 2.77; 30000;occ; 92; 0;44263
15; 5326.1; 18-AUG-2010 08:40:00; Dark ; 57.5; 7; 19Bet Ori ; 0.10; 14000;occ; 115; 0;44263
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18; 6279.1; 18-AUG-2010 08:55:53; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44264
19; 6511.9; 18-AUG-2010 08:59:46; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;44264
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21; 7061.2; 18-AUG-2010 09:08:55; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;44264
22; 7299.4; 18-AUG-2010 09:12:53; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44264
23; 7630.6; 18-AUG-2010 09:18:24; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44264
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 3; 2105.2; 18-AUG-2010 09:26:55; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;44264
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 5; 2595.3; 18-AUG-2010 09:35:05; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44264
 6; 2689.8; 18-AUG-2010 09:36:39; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44264
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 8; 4190.6; 18-AUG-2010 10:01:40; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44264
 9; 4368.9; 18-AUG-2010 10:04:39; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;44264
10; 4559.1; 18-AUG-2010 10:07:49; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;44264
11; 4728.7; 18-AUG-2010 10:10:38; Dark ; 37.0; 44; 24Gam Gem ; 1.93; 11000;occ; 74; 0;44264
12; 4944.9; 18-AUG-2010 10:14:14; Dark ; 50.5; 14; 58Alp Ori ; 0.87; 3000;occ; 101; 0;44264
13; 5141.7; 18-AUG-2010 10:17:31; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;44264
14; 5228.1; 18-AUG-2010 10:18:58; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;44264
15; 5327.2; 18-AUG-2010 10:20:37; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;44264
16; 5435.0; 18-AUG-2010 10:22:25; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;44264
17; 5607.3; 18-AUG-2010 10:25:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44264
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21; 7061.3; 18-AUG-2010 10:49:31; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;44265
22; 7300.0; 18-AUG-2010 10:53:30; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44265
23; 7630.8; 18-AUG-2010 10:59:00; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44265
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 2; 1915.8; 18-AUG-2010 11:04:21; Bright; 48.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 97; 0;44265
 3; 2104.9; 18-AUG-2010 11:07:30; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44265
 4; 2497.3; 18-AUG-2010 11:14:03; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44265
 5; 2594.7; 18-AUG-2010 11:15:40; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;44265
 6; 2689.3; 18-AUG-2010 11:17:15; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44265
 7; 3008.3; 18-AUG-2010 11:22:34; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44265
 8; 4190.3; 18-AUG-2010 11:42:16; Bright; 63.0; 6; 13Alp Aur ; 0.08; 3400;occ; 126; 0;44265
 9; 4369.3; 18-AUG-2010 11:45:15; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44265
10; 4558.8; 18-AUG-2010 11:48:24; Dark ; 54.0; 28; 12Bet Tau ; 1.65; 15200;occ; 108; 0;44265
11; 4729.0; 18-AUG-2010 11:51:14; Dark ; 38.5; 44; 24Gam Gem ; 1.93; 11000;occ; 77; 0;44265
12; 4945.4; 18-AUG-2010 11:54:51; Dark ; 52.0; 14; 58Alp Ori ; 0.87; 3000;occ; 104; 0;44265

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 18; 6282.4; 18-AUG-2010 12:17:08; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44266
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 3; 2105.1; 18-AUG-2010 12:48:06; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44266
 4; 2497.2; 18-AUG-2010 12:54:39; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44266
 5; 2595.0; 18-AUG-2010 12:56:16; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;44266
 6; 2689.1; 18-AUG-2010 12:57:50; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44266
 7; 3008.4; 18-AUG-2010 13:03:10; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44266
 8; 4190.2; 18-AUG-2010 13:22:52; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;44266
 9; 4369.0; 18-AUG-2010 13:25:50; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44266
 10; 4558.9; 18-AUG-2010 13:29:00; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;44266
 11; 4729.4; 18-AUG-2010 13:31:51; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44266
 12; 4945.6; 18-AUG-2010 13:35:27; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44266
 13; 5143.0; 18-AUG-2010 13:38:44; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;44266
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 16; 5436.7; 18-AUG-2010 13:43:38; Dark ; 49.0; 101; 11Alp Lep ; 2.58; 7000;occ; 98; 0;44266
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 6; 2594.9; 18-AUG-2010 14:36:52; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;44267
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 8; 3008.2; 18-AUG-2010 14:43:45; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44267
 9; 4190.2; 18-AUG-2010 15:03:27; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44267
 10; 4369.3; 18-AUG-2010 15:06:27; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44267
 11; 4559.7; 18-AUG-2010 15:09:37; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44267
 12; 4729.7; 18-AUG-2010 15:12:27; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44267
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 22; 7062.5; 18-AUG-2010 15:51:20; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;44268
 23; 7301.1; 18-AUG-2010 15:55:18; Dark ; 32.5; 18; 24Alp PsA ; 1.17; 9700;occ; 65; 0;44268

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 3; 1799.2; 18-AUG-2010 16:04:12; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44268
 4; 1915.6; 18-AUG-2010 16:06:09; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44268
 5; 2104.1; 18-AUG-2010 16:09:17; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;44268
 6; 2496.7; 18-AUG-2010 16:15:50; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44268
 7; 2594.8; 18-AUG-2010 16:17:28; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;44268
 8; 2689.1; 18-AUG-2010 16:19:02; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44268
 9; 3007.6; 18-AUG-2010 16:24:21; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44268

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17; 5230.9; 18-AUG-2010 17:01:24; Dark ; 46.0; 125; 44Iot Ori ; 2.77; 30000;occ; 92; 0;44268
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19; 5438.1; 18-AUG-2010 17:04:51; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44268
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22; 6515.1; 18-AUG-2010 17:22:48; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44269
23; 6864.0; 18-AUG-2010 17:28:37; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44269
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13; 2095.8; 21-AUG-2010 01:09:31; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44302
14; 2491.8; 21-AUG-2010 01:16:07; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44302
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7; 501.9; 21-AUG-2010 02:23:33; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44303
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9; 993.8; 21-AUG-2010 02:31:44; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44303
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11; 1598.9; 21-AUG-2010 02:41:50; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44303
12; 1798.9; 21-AUG-2010 02:45:10; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44303
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17; 2999.6; 21-AUG-2010 03:05:10; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;44303
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13; 502.8; 21-AUG-2010 04:04:09; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44304
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15; 994.2; 21-AUG-2010 04:12:21; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;44304
16; 1279.1; 21-AUG-2010 04:17:06; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44304
17; 1599.3; 21-AUG-2010 04:22:26; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44304
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22; 2684.0; 21-AUG-2010 04:40:31; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;44304
23; 2999.5; 21-AUG-2010 04:45:46; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;44304
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5; 1907.3; 21-AUG-2010 21:13:33; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44314
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10; 3245.3; 21-AUG-2010 21:35:51; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44314
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12; 4371.8; 21-AUG-2010 21:54:38; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44314
13; 4644.4; 21-AUG-2010 21:59:10; Dark ; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;44314
14; 4742.4; 21-AUG-2010 22:00:48; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;44314
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25; 5265.9; 21-AUG-2010 23:50:08; Dark ; 47.0; 125; 44Iot Ori ; 2.77; 30000;occ; 94; 0;44315
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6; 864.3; 22-AUG-2010 00:17:22; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44316
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15; 4968.7; 21-AUG-2010 18:43:23; Dark ; 61.5; 14; 58Alp Ori ; 0.87; 3000;occ; 123; 0;44312
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17; 5175.5; 21-AUG-2010 18:46:50; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44312
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22; 6338.8; 21-AUG-2010 19:06:13; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44313
23; 6544.3; 21-AUG-2010 19:09:38; Dark ; 55.0; 9; Alp Eri ; 0.45; 24000;occ; 110; 0;44313
24; 6898.0; 21-AUG-2010 19:15:32; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44313
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22; 6340.3; 21-AUG-2010 20:46:50; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44314
23; 6545.2; 21-AUG-2010 20:50:15; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44314
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7; 2489.3; 22-AUG-2010 20:51:38; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44328
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7; 874.6; 22-AUG-2010 23:45:55; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44330
8; 1004.1; 22-AUG-2010 23:48:05; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;44330
9; 1288.0; 22-AUG-2010 23:52:49; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;44330
10; 1602.3; 22-AUG-2010 23:58:03; Bright; 41.0; 142; 49Del Cap ; 2.85; 8900;occ; 82; 0;44330
11; 1799.8; 23-AUG-2010 00:01:20; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44330
12; 1905.1; 23-AUG-2010 00:03:06; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44330
13; 2090.2; 23-AUG-2010 00:06:11; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;44330
14; 2489.2; 23-AUG-2010 00:12:50; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44330
15; 2681.1; 23-AUG-2010 00:16:02; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44330
16; 2994.4; 23-AUG-2010 00:21:15; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44330
17; 3234.0; 23-AUG-2010 00:25:15; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;44330
18; 4182.1; 23-AUG-2010 00:41:03; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;44330
19; 4373.0; 23-AUG-2010 00:44:14; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44330
20; 4572.7; 23-AUG-2010 00:47:33; Dark ; 58.0; 28; 12Bet Tau ; 1.65; 15200;occ; 116; 0;44330
21; 4746.8; 23-AUG-2010 00:50:27; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44330
22; 4978.2; 23-AUG-2010 00:54:19; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44330
23; 5071.3; 23-AUG-2010 00:55:52; Dark ; 58.5; 27; 24Gam Ori ; 1.64; 26000;occ; 117; 0;44330
24; 5188.9; 23-AUG-2010 00:57:50; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;44330
25; 5277.9; 23-AUG-2010 00:59:19; Dark ; 50.0; 125; 44Iot Ori ; 2.77; 30000;occ; 100; 0;44330
26; 5389.3; 23-AUG-2010 01:01:10; Dark ; 41.0; 7; 19Bet Ori ; 0.10; 14000;occ; 82; 0;44330

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1;	-1852.2;	22-AUG-2010	06:14:29;	Bright;	53.5;	6;	13Alp Aur	;	0.08;	3400;occ;	107;	0;	44319	
2;	-1663.6;	22-AUG-2010	06:17:38;	Bright;	42.5;	107;	37The Aur	;	2.65;	11000;occ;	85;	0;	44319	
3;	-1390.3;	22-AUG-2010	06:22:11;	Dark	;	41.5;	151;	13Mu Gem	;	2.89;	3000;occ;	83;	0;	44319
4;	-1292.3;	22-AUG-2010	06:23:49;	Dark	;	38.0;	44;	24Gam Gem	;	1.93;	11000;occ;	76;	0;	44319
5;	-1063.3;	22-AUG-2010	06:27:38;	Dark	;	54.5;	14;	58Alp Ori	;	0.87;	3000;occ;	109;	0;	44319
6;	-972.9;	22-AUG-2010	06:29:09;	Dark	;	58.5;	27;	24Gam Ori	;	1.64;	26000;occ;	117;	0;	44319
7;	-855.3;	22-AUG-2010	06:31:06;	Dark	;	52.0;	30;	46Eps Ori	;	1.69;	30000;occ;	104;	0;	44319
8;	-766.7;	22-AUG-2010	06:32:35;	Dark	;	48.5;	125;	44Iot Ori	;	2.77;	30000;occ;	97;	0;	44319
9;	-657.7;	22-AUG-2010	06:34:24;	Dark	;	62.0;	7;	19Bet Ori	;	0.10;	14000;occ;	124;	0;	44319
10;	-558.2;	22-AUG-2010	06:36:03;	Dark	;	50.5;	101;	11Alp Lep	;	2.58;	7000;occ;	101;	0;	44319
11;	-382.9;	22-AUG-2010	06:38:59;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	44319
12;	311.7;	22-AUG-2010	06:50:33;	Dark	;	54.0;	157;	The1Eri	;	2.91;	9300;occ;	108;	0;	44320
13;	513.2;	22-AUG-2010	06:53:55;	Dark	;	44.5;	9;	Alp Eri	;	0.45;	24000;occ;	89;	0;	44320
14;	867.3;	22-AUG-2010	06:59:49;	Dark	;	59.0;	84;	Alp Phe	;	2.40;	4500;occ;	118;	0;	44320
15;	1000.6;	22-AUG-2010	07:02:02;	Dark	;	53.5;	63;	Bet Gru	;	2.15;	2800;occ;	107;	0;	44320
16;	1284.7;	22-AUG-2010	07:06:46;	Dark	;	53.5;	18;	24Alp PsA	;	1.17;	9700;occ;	107;	0;	44320
17;	1601.1;	22-AUG-2010	07:12:03;	Bright;	41.5;	142;	49Del Cap	;	2.85;	8900;occ;	83;	0;	44320	

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1;	1799.3;	22-AUG-2010	07:15:21;	Bright;	40.5;	154;	22Bet Aqr	;	2.90;	5700;occ;	81;	0;	44320	
2;	1906.7;	22-AUG-2010	07:17:08;	Bright;	44.0;	162;	34Alp Aqr	;	2.94;	5350;occ;	88;	0;	44320	
3;	2092.2;	22-AUG-2010	07:20:14;	Bright;	45.5;	61;	8Eps Peg	;	2.10;	3900;occ;	91;	0;	44320	
4;	2490.0;	22-AUG-2010	07:26:52;	Bright;	38.5;	92;	53Eps Cyg	;	2.50;	4500;occ;	77;	0;	44320	
5;	2682.2;	22-AUG-2010	07:30:04;	Bright;	40.0;	19;	50Alp Cyg	;	1.25;	10500;occ;	80;	0;	44320	
6;	2996.2;	22-AUG-2010	07:35:18;	Bright;	38.0;	89;	5Alp Cep	;	2.45;	8000;occ;	76;	0;	44320	
7;	3241.5;	22-AUG-2010	07:39:23;	Bright;	43.5;	74;	11Bet Cas	;	2.27;	6600;occ;	87;	0;	44320	
8;	4183.5;	22-AUG-2010	07:55:05;	Bright;	51.0;	6;	13Alp Aur	;	0.08;	3400;occ;	102;	0;	44320	
9;	4372.2;	22-AUG-2010	07:58:14;	Bright;	42.5;	107;	37The Aur	;	2.65;	11000;occ;	85;	0;	44320	
10;	4570.6;	22-AUG-2010	08:01:32;	Dark	;	53.5;	28;	12Bet Tau	;	1.65;	15200;occ;	107;	0;	44320
11;	4744.0;	22-AUG-2010	08:04:26;	Dark	;	45.5;	44;	24Gam Gem	;	1.93;	11000;occ;	91;	0;	44320
12;	4973.0;	22-AUG-2010	08:08:15;	Dark	;	57.0;	14;	58Alp Ori	;	0.87;	3000;occ;	114;	0;	44320
13;	5063.8;	22-AUG-2010	08:09:45;	Dark	;	58.0;	27;	24Gam Ori	;	1.64;	26000;occ;	116;	0;	44320
14;	5181.4;	22-AUG-2010	08:11:43;	Dark	;	51.5;	30;	46Eps Ori	;	1.69;	30000;occ;	103;	0;	44320
15;	5269.7;	22-AUG-2010	08:13:11;	Dark	;	47.5;	125;	44Iot Ori	;	2.77;	30000;occ;	95;	0;	44320
16;	5379.4;	22-AUG-2010	08:15:01;	Dark	;	60.0;	7;	19Bet Ori	;	0.10;	14000;occ;	120;	0;	44320
17;	5478.9;	22-AUG-2010	08:16:40;	Dark	;	46.0;	101;	11Alp Lep	;	2.58;	7000;occ;	92;	0;	44320
18;	5653.9;	22-AUG-2010	08:19:35;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	44320
19;	6348.7;	22-AUG-2010	08:31:10;	Dark	;	53.5;	157;	The1Eri	;	2.91;	9300;occ;	107;	0;	44321
20;	6549.8;	22-AUG-2010	08:34:31;	Dark	;	48.0;	9;	Alp Eri	;	0.45;	24000;occ;	96;	0;	44321
21;	6903.9;	22-AUG-2010	08:40:25;	Dark	;	54.5;	84;	Alp Phe	;	2.40;	4500;occ;	109;	0;	44321
22;	7036.6;	22-AUG-2010	08:42:38;	Dark	;	55.5;	63;	Bet Gru	;	2.15;	2800;occ;	111;	0;	44321
23;	7320.7;	22-AUG-2010	08:47:22;	Dark	;	57.5;	18;	24Alp PsA	;	1.17;	9700;occ;	115;	0;	44321
24;	7637.2;	22-AUG-2010	08:52:39;	Bright;	43.0;	142;	49Del Cap	;	2.85;	8900;occ;	86;	0;	44321	

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1;	1799.1;	22-AUG-2010	08:55:57;	Bright;	40.5;	154;	22Bet Aqr	;	2.90;	5700;occ;	81;	0;	44321	
2;	1906.5;	22-AUG-2010	08:57:44;	Bright;	45.0;	162;	34Alp Aqr	;	2.94;	5350;occ;	90;	0;	44321	
3;	2092.0;	22-AUG-2010	09:00:49;	Bright;	41.5;	61;	8Eps Peg	;	2.10;	3900;occ;	83;	0;	44321	
4;	2490.0;	22-AUG-2010	09:07:27;	Bright;	37.0;	92;	53Eps Cyg	;	2.50;	4500;occ;	74;	0;	44321	
5;	2682.1;	22-AUG-2010	09:10:39;	Bright;	40.0;	19;	50Alp Cyg	;	1.25;	10500;occ;	80;	0;	44321	
6;	2995.9;	22-AUG-2010	09:15:53;	Bright;	38.0;	89;	5Alp Cep	;	2.45;	8000;occ;	76;	0;	44321	
7;	3240.6;	22-AUG-2010	09:19:58;	Bright;	47.0;	74;	11Bet Cas	;	2.27;	6600;occ;	94;	0;	44321	
8;	4183.4;	22-AUG-2010	09:35:41;	Bright;	66.0;	6;	13Alp Aur	;	0.08;	3400;occ;	132;	0;	44321	
9;	4372.7;	22-AUG-2010	09:38:50;	Bright;	61.0;	107;	37The Aur	;	2.65;	11000;occ;	122;	0;	44321	
10;	4570.9;	22-AUG-2010	09:42:08;	Dark	;	55.5;	28;	12Bet Tau	;	1.65;	15200;occ;	111;	0;	44321
11;	4744.5;	22-AUG-2010	09:45:02;	Dark	;	44.5;	44;	24Gam Gem	;	1.93;	11000;occ;	89;	0;	44321
12;	4973.6;	22-AUG-2010	09:48:51;	Dark	;	64.0;	14;	58Alp Ori	;	0.87;	3000;occ;	128;	0;	44321
13;	5064.8;	22-AUG-2010	09:50:22;	Dark	;	57.0;	27;	24Gam Ori	;	1.64;	26000;occ;	114;	0;	44321
14;	5182.2;	22-AUG-2010	09:52:20;	Dark	;	53.0;	30;	46Eps Ori	;	1.69;	30000;occ;	106;	0;	44321
15;	5270.6;	22-AUG-2010	09:53:48;	Dark	;	48.5;	125;	44Iot Ori	;	2.77;	30000;occ;	97;	0;	44321
16;	5380.1;	22-AUG-2010	09:55:38;	Dark	;	63.0;	7;	19Bet Ori	;	0.10;	14000;occ;	126;	0;	44321
17;	5479.4;	22-AUG-2010	09:57:17;	Dark	;	46.5;	101;	11Alp Lep	;	2.58;	7000;occ;	93;	0;	44321
18;	5654.8;	22-AUG-2010	10:00:12;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	44321
19;	6350.0;	22-AUG-2010	10:11:47;	Dark	;	53.0;	157;	The1Eri	;	2.91;	9300;occ;	106;	0;	44322
20;	6550.3;	22-AUG-2010	10:15:08;	Dark	;	48.0;	9;	Alp Eri	;	0.45;	24000;occ;	96;	0;	44322
21;	6904.6;	22-AUG-2010	10:21:02;	Dark	;	55.0;	84;	Alp Phe	;	2.40;	4500;occ;	110;	0;	44322
22;	7036.9;	22-AUG-2010	10:23:14;	Dark	;	46.0;	63;	Bet Gru	;	2.15;	2800;occ;	92;	0;	44322
23;	7321.2;	22-AUG-2010	10:27:59;	Dark	;	52.5;	18;	24Alp PsA	;	1.17;	9700;occ;	105;	0;	44322
24;	7637.1;	22-AUG-2010	10:33:15;	Bright;	42.5;	142;	49Del Cap	;	2.85;	8900;occ;	85;	0;	44322	

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1;	1799.2;	22-AUG-2010	10:36:33;	Bright;	40.0;	154;	22Bet	Aqr	;	2.90;	5700;	occ;	80;	0;	44322	
2;	1906.2;	22-AUG-2010	10:38:20;	Bright;	45.5;	162;	34Alp	Aqr	;	2.94;	5350;	occ;	91;	0;	44322	
3;	2091.5;	22-AUG-2010	10:41:25;	Bright;	41.0;	61;	8Eps	Peg	;	2.10;	3900;	occ;	82;	0;	44322	
4;	2490.0;	22-AUG-2010	10:48:03;	Bright;	37.0;	92;	53Eps	Cyg	;	2.50;	4500;	occ;	74;	0;	44322	
5;	2682.3;	22-AUG-2010	10:51:16;	Bright;	36.5;	19;	50Alp	Cyg	;	1.25;	10500;	occ;	73;	0;	44322	
6;	2996.0;	22-AUG-2010	10:56:29;	Bright;	39.0;	89;	5Alp	Cep	;	2.45;	8000;	occ;	78;	0;	44322	
7;	3239.7;	22-AUG-2010	11:00:33;	Bright;	47.0;	74;	11Bet	Cas	;	2.27;	6600;	occ;	94;	0;	44322	
8;	4183.1;	22-AUG-2010	11:16:16;	Bright;	56.0;	6;	13Alp	Aur	;	0.08;	3400;	occ;	112;	0;	44322	
9;	4372.6;	22-AUG-2010	11:19:26;	Bright;	40.0;	107;	37The	Aur	;	2.65;	11000;	occ;	80;	0;	44322	
10;	4571.0;	22-AUG-2010	11:22:44;	Dark	;	56.0;	28;	12Bet	Tau	;	1.65;	15200;	occ;	112;	0;	44322
11;	4744.8;	22-AUG-2010	11:25:38;	Dark	;	46.0;	44;	24Gam	Gem	;	1.93;	11000;	occ;	92;	0;	44322
12;	4974.0;	22-AUG-2010	11:29:27;	Dark	;	64.0;	14;	58Alp	Ori	;	0.87;	3000;	occ;	128;	0;	44322
13;	5065.5;	22-AUG-2010	11:30:59;	Dark	;	57.0;	27;	24Gam	Ori	;	1.64;	26000;	occ;	114;	0;	44322
14;	5182.8;	22-AUG-2010	11:32:56;	Dark	;	52.5;	30;	46Eps	Ori	;	1.69;	30000;	occ;	105;	0;	44322
15;	5271.4;	22-AUG-2010	11:34:25;	Dark	;	48.5;	125;	44Iot	Ori	;	2.77;	30000;	occ;	97;	0;	44322
16;	5381.1;	22-AUG-2010	11:36:14;	Dark	;	63.5;	7;	19Bet	Ori	;	0.10;	14000;	occ;	127;	0;	44322
17;	5480.3;	22-AUG-2010	11:37:54;	Dark	;	52.0;	101;	11Alp	Lep	;	2.58;	7000;	occ;	104;	0;	44322
18;	5655.6;	22-AUG-2010	11:40:49;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	44322
19;	6351.3;	22-AUG-2010	11:52:25;	Dark	;	53.0;	157;	The1Eri		;	2.91;	9300;	occ;	106;	0;	44323
20;	6551.0;	22-AUG-2010	11:55:44;	Dark	;	44.5;	9;	Alp	Eri	;	0.45;	24000;	occ;	89;	0;	44323
21;	6905.6;	22-AUG-2010	12:01:39;	Dark	;	55.5;	84;	Alp	Phe	;	2.40;	4500;	occ;	111;	0;	44323
22;	7037.7;	22-AUG-2010	12:03:51;	Dark	;	44.5;	63;	Bet	Gru	;	2.15;	2800;	occ;	89;	0;	44323
23;	7321.6;	22-AUG-2010	12:08:35;	Dark	;	53.0;	18;	24Alp	PsA	;	1.17;	9700;	occ;	106;	0;	44323
24;	7637.3;	22-AUG-2010	12:13:51;	Bright;	42.5;	142;	49Del	Cap	;	2.85;	8900;	occ;	85;	0;	44323	

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1;	1619.4;	22-AUG-2010	12:14:09;	Bright;	43.0;	142;	49Del	Cap	;	2.85;	8900;	occ;	86;	36;	44323	
2;	1799.6;	22-AUG-2010	12:17:09;	Bright;	41.0;	154;	22Bet	Aqr	;	2.90;	5700;	occ;	82;	0;	44323	
3;	1906.1;	22-AUG-2010	12:18:55;	Bright;	46.0;	162;	34Alp	Aqr	;	2.94;	5350;	occ;	92;	0;	44323	
4;	2091.4;	22-AUG-2010	12:22:01;	Bright;	40.0;	61;	8Eps	Peg	;	2.10;	3900;	occ;	80;	0;	44323	
5;	2489.4;	22-AUG-2010	12:28:39;	Bright;	40.5;	92;	53Eps	Cyg	;	2.50;	4500;	occ;	81;	0;	44323	
6;	2681.9;	22-AUG-2010	12:31:51;	Bright;	37.0;	19;	50Alp	Cyg	;	1.25;	10500;	occ;	74;	0;	44323	
7;	2995.6;	22-AUG-2010	12:37:05;	Bright;	39.0;	89;	5Alp	Cep	;	2.45;	8000;	occ;	78;	0;	44323	
8;	3238.9;	22-AUG-2010	12:41:08;	Bright;	47.0;	74;	11Bet	Cas	;	2.27;	6600;	occ;	94;	0;	44323	
9;	4183.2;	22-AUG-2010	12:56:52;	Bright;	55.0;	6;	13Alp	Aur	;	0.08;	3400;	occ;	110;	0;	44323	
10;	4372.8;	22-AUG-2010	13:00:02;	Bright;	46.5;	107;	37The	Aur	;	2.65;	11000;	occ;	93;	0;	44323	
11;	4571.2;	22-AUG-2010	13:03:20;	Dark	;	56.0;	28;	12Bet	Tau	;	1.65;	15200;	occ;	112;	0;	44323
12;	4745.1;	22-AUG-2010	13:06:14;	Dark	;	44.0;	44;	24Gam	Gem	;	1.93;	11000;	occ;	88;	0;	44323
13;	4974.6;	22-AUG-2010	13:10:04;	Dark	;	64.0;	14;	58Alp	Ori	;	0.87;	3000;	occ;	128;	0;	44323
14;	5066.1;	22-AUG-2010	13:11:35;	Dark	;	54.5;	27;	24Gam	Ori	;	1.64;	26000;	occ;	109;	0;	44323
15;	5183.5;	22-AUG-2010	13:13:33;	Dark	;	53.5;	30;	46Eps	Ori	;	1.69;	30000;	occ;	107;	0;	44323
16;	5272.3;	22-AUG-2010	13:15:01;	Dark	;	51.5;	125;	44Iot	Ori	;	2.77;	30000;	occ;	103;	0;	44323
17;	5382.3;	22-AUG-2010	13:16:51;	Dark	;	61.5;	7;	19Bet	Ori	;	0.10;	14000;	occ;	123;	0;	44323
18;	5481.3;	22-AUG-2010	13:18:30;	Dark	;	47.5;	101;	11Alp	Lep	;	2.58;	7000;	occ;	95;	0;	44323
19;	5656.5;	22-AUG-2010	13:21:26;	Dark	;	59.0;	0;			;	0.00;	0;	occ;	118;	0;	44323
20;	6352.3;	22-AUG-2010	13:33:01;	Dark	;	53.0;	157;	The1Eri		;	2.91;	9300;	occ;	106;	0;	44324
21;	6551.8;	22-AUG-2010	13:36:21;	Dark	;	44.5;	9;	Alp	Eri	;	0.45;	24000;	occ;	89;	0;	44324
22;	6906.2;	22-AUG-2010	13:42:15;	Dark	;	57.0;	84;	Alp	Phe	;	2.40;	4500;	occ;	114;	0;	44324
23;	7037.7;	22-AUG-2010	13:44:27;	Dark	;	51.5;	63;	Bet	Gru	;	2.15;	2800;	occ;	103;	0;	44324
24;	7321.8;	22-AUG-2010	13:49:11;	Dark	;	53.5;	18;	24Alp	PsA	;	1.17;	9700;	occ;	107;	0;	44324

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2;	1799.4;	22-AUG-2010	13:57:44;	Bright;	41.0;	154;	22Bet	Aqr	;	2.90;	5700;	occ;	82;	0;	44324	
3;	1905.8;	22-AUG-2010	13:59:31;	Bright;	45.0;	162;	34Alp	Aqr	;	2.94;	5350;	occ;	90;	0;	44324	
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5;	2489.7;	22-AUG-2010	14:09:15;	Bright;	39.5;	92;	53Eps	Cyg	;	2.50;	4500;	occ;	79;	0;	44324	
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7;	2995.5;	22-AUG-2010	14:17:41;	Bright;	35.0;	89;	5Alp	Cep	;	2.45;	8000;	occ;	70;	0;	44324	
8;	3238.1;	22-AUG-2010	14:21:43;	Bright;	44.0;	74;	11Bet	Cas	;	2.27;	6600;	occ;	88;	0;	44324	
9;	4182.9;	22-AUG-2010	14:37:28;	Bright;	52.5;	6;	13Alp	Aur	;	0.08;	3400;	occ;	105;	0;	44324	
10;	4372.8;	22-AUG-2010	14:40:38;	Bright;	61.0;	107;	37The	Aur	;	2.65;	11000;	occ;	122;	0;	44324	
11;	4571.5;	22-AUG-2010	14:43:57;	Dark	;	55.5;	28;	12Bet	Tau	;	1.65;	15200;	occ;	111;	0;	44324
12;	4745.1;	22-AUG-2010	14:46:50;	Dark	;	43.5;	44;	24Gam	Gem	;	1.93;	11000;	occ;	87;	0;	44324
13;	4975.3;	22-AUG-2010	14:50:40;	Dark	;	54.5;	14;	58Alp	Ori	;	0.87;	3000;	occ;	109;	0;	44324
14;	5067.2;	22-AUG-2010	14:52:12;	Dark	;	56.5;	27;	24Gam	Ori	;	1.64;	26000;	occ;	113;	0;	44324
15;	5184.5;	22-AUG-2010	14:54:10;	Dark	;	55.5;	30;	46Eps	Ori	;	1.69;	30000;	occ;	111;	0;	44324
16;	5272.8;	22-AUG-2010	14:55:38;	Dark	;	48.0;	125;	44Iot	Ori	;	2.77;	30000;	occ;	96;	0;	44324
17;	5383.5;	22-AUG-2010	14:57:29;	Dark	;	62.0;	7;	19Bet	Ori	;	0.10;	14000;	occ;	124;	0;	44324


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19; 5657.5; 22-AUG-2010 15:02:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44324
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21; 6552.1; 22-AUG-2010 15:16:57; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44325
22; 6907.0; 22-AUG-2010 15:22:52; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44325
23; 7038.4; 22-AUG-2010 15:25:03; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;44325
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 2; 1799.4; 22-AUG-2010 15:38:20; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44325
 3; 1906.0; 22-AUG-2010 15:40:07; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44325
 4; 2091.2; 22-AUG-2010 15:43:12; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44325
 5; 2489.4; 22-AUG-2010 15:49:50; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44325
 6; 2681.7; 22-AUG-2010 15:53:03; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44325
 7; 2995.3; 22-AUG-2010 15:58:16; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44325
 8; 3237.8; 22-AUG-2010 16:02:19; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44325
 9; 4183.0; 22-AUG-2010 16:18:04; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;44325
10; 4372.9; 22-AUG-2010 16:21:14; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;44325
11; 4571.9; 22-AUG-2010 16:24:33; Dark ; 55.0; 28; 12Bet Tau ; 1.65; 15200;occ; 110; 0;44325
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13; 4975.9; 22-AUG-2010 16:31:17; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;44325
14; 5067.8; 22-AUG-2010 16:32:49; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;44325
15; 5185.2; 22-AUG-2010 16:34:46; Dark ; 52.5; 30; 46Eps Ori ; 1.69; 30000;occ; 105; 0;44325
16; 5274.0; 22-AUG-2010 16:36:15; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44325
17; 5384.6; 22-AUG-2010 16:38:06; Dark ; 70.5; 7; 19Bet Ori ; 0.10; 14000;occ; 141; 0;44325
18; 5482.9; 22-AUG-2010 16:39:44; Dark ; 50.0; 101; 11Alp Lep ; 2.58; 7000;occ; 100; 0;44325
19; 5658.4; 22-AUG-2010 16:42:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44325
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21; 6553.2; 22-AUG-2010 16:57:34; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44326
22; 6907.5; 22-AUG-2010 17:03:29; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44326
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 3; 1799.4; 22-AUG-2010 17:18:56; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44326
 4; 1905.8; 22-AUG-2010 17:20:43; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44326
 5; 2091.3; 22-AUG-2010 17:23:48; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44326
 6; 2489.7; 22-AUG-2010 17:30:27; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44326
 7; 2681.5; 22-AUG-2010 17:33:39; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44326
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 9; 3236.9; 22-AUG-2010 17:42:54; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44326
10; 4182.9; 22-AUG-2010 17:58:40; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;44326
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12; 4571.9; 22-AUG-2010 18:05:09; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;44326
13; 4746.0; 22-AUG-2010 18:08:03; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;44326
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16; 5186.2; 22-AUG-2010 18:15:23; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44326
17; 5275.0; 22-AUG-2010 18:16:52; Dark ; 50.0; 125; 44Iot Ori ; 2.77; 30000;occ; 100; 0;44326
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22; 6553.9; 22-AUG-2010 18:38:11; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44327
23; 6908.1; 22-AUG-2010 18:44:05; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44327
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 2; 1287.0; 22-AUG-2010 18:51:00; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44327
 3; 1602.3; 22-AUG-2010 18:56:15; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44327
 4; 1799.4; 22-AUG-2010 18:59:32; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44327
 5; 1905.4; 22-AUG-2010 19:01:18; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44327
 6; 2090.9; 22-AUG-2010 19:04:24; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44327
 7; 2489.2; 22-AUG-2010 19:11:02; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44327
 8; 2681.4; 22-AUG-2010 19:14:14; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44327
 9; 2994.9; 22-AUG-2010 19:19:28; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44327
10; 3236.3; 22-AUG-2010 19:23:29; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;44327
11; 4182.4; 22-AUG-2010 19:39:15; Bright; 66.0; 6; 13Alp Aur ; 0.08; 3400;occ; 132; 0;44327

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22; 6357.6; 22-AUG-2010 20:15:31; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44328
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24; 6909.3; 22-AUG-2010 20:24:42; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44328
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6; 1004.6; 23-AUG-2010 01:28:41; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44331
7; 1288.6; 23-AUG-2010 01:33:25; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44331
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22; 5189.8; 23-AUG-2010 02:38:26; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;44331
23; 5278.9; 23-AUG-2010 02:39:56; Dark ; 51.5; 125; 44Iot Ori ; 2.77; 30000;occ; 103; 0;44331
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25; 5663.7; 23-AUG-2010 02:46:20; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44331
26; 6362.1; 23-AUG-2010 02:57:59; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44332
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28; 6911.7; 23-AUG-2010 03:07:08; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44332
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31; 7638.6; 23-AUG-2010 03:19:15; Dark ; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;44332
32; 7835.4; 23-AUG-2010 03:22:32; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44332
33; 7940.9; 23-AUG-2010 03:24:17; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44332
34; 8125.8; 23-AUG-2010 03:27:22; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44332
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13; 5664.7; 23-AUG-2010 04:26:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44332
14; 6363.5; 23-AUG-2010 04:38:36; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44333
15; 6557.7; 23-AUG-2010 04:41:50; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44333
16; 6913.1; 23-AUG-2010 04:47:46; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44333

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19; 7638.9; 23-AUG-2010 04:59:51; Dark ; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;44333
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21; 7940.9; 23-AUG-2010 05:04:53; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44333
22; 8125.5; 23-AUG-2010 05:07:58; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44333
23; 8525.0; 23-AUG-2010 05:14:37; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44333
24; 8716.9; 23-AUG-2010 05:17:49; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44333
25; 9029.8; 23-AUG-2010 05:23:02; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44333
26; 9267.8; 23-AUG-2010 05:27:00; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44333
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 3; -1462.6; 23-AUG-2010 05:49:22; Dark ; 56.5; 28; 12Bet Tau ; 1.65; 15200;occ; 113; 0;44333
 4; -1288.1; 23-AUG-2010 05:52:16; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 0;44333
 5; -1055.9; 23-AUG-2010 05:56:09; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44333
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 7; -844.4; 23-AUG-2010 05:59:40; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44333
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 9; -643.2; 23-AUG-2010 06:03:01; Dark ; 73.5; 7; 19Bet Ori ; 0.10; 14000;occ; 147; 0;44333
10; -486.3; 23-AUG-2010 06:05:38; Dark ; 50.5; 139; 9Bet Lep ; 2.83; 5600;occ; 101; 0;44333
11; -370.4; 23-AUG-2010 06:07:34; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44333
12; 329.0; 23-AUG-2010 06:19:13; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44334
13; 522.1; 23-AUG-2010 06:22:27; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44334
14; 877.6; 23-AUG-2010 06:28:22; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44334
15; 1005.8; 23-AUG-2010 06:30:30; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;44334
16; 1289.4; 23-AUG-2010 06:35:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44334
17; 1602.9; 23-AUG-2010 06:40:27; Dark ; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;44334
18; 1800.1; 23-AUG-2010 06:43:45; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44334
19; 1904.5; 23-AUG-2010 06:45:29; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;44334
20; 2089.7; 23-AUG-2010 06:48:34; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44334
21; 2488.5; 23-AUG-2010 06:55:13; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44334
22; 2680.9; 23-AUG-2010 06:58:25; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44334
23; 2993.4; 23-AUG-2010 07:03:38; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44334
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 3; -1462.2; 23-AUG-2010 07:29:58; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44334
 4; -1287.6; 23-AUG-2010 07:32:53; Dark ; 42.5; 44; 24Gam Gem ; 1.93; 11000;occ; 85; 0;44334
 5; -1055.0; 23-AUG-2010 07:36:45; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;44334
 6; -961.2; 23-AUG-2010 07:38:19; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44334
 7; -843.6; 23-AUG-2010 07:40:17; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44334
 8; -754.4; 23-AUG-2010 07:41:46; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;44334
 9; -642.1; 23-AUG-2010 07:43:38; Dark ; 75.0; 7; 19Bet Ori ; 0.10; 14000;occ; 150; 0;44334
10; -485.4; 23-AUG-2010 07:46:15; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;44334
11; -369.5; 23-AUG-2010 07:48:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44334
12; 329.9; 23-AUG-2010 07:59:50; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44335
13; 523.1; 23-AUG-2010 08:03:03; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;44335
14; 878.4; 23-AUG-2010 08:08:59; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44335
15; 1006.2; 23-AUG-2010 08:11:07; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;44335
16; 1289.9; 23-AUG-2010 08:15:50; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44335
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 2; 1904.7; 23-AUG-2010 08:26:05; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44335
 3; 2089.0; 23-AUG-2010 08:29:09; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44335
 4; 2488.5; 23-AUG-2010 08:35:49; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44335
 5; 2680.6; 23-AUG-2010 08:39:01; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44335
 6; 2993.3; 23-AUG-2010 08:44:14; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44335
 7; 3230.2; 23-AUG-2010 08:48:11; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44335
 8; 4181.3; 23-AUG-2010 09:04:02; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44335
 9; 4373.6; 23-AUG-2010 09:07:14; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44335
10; 4573.7; 23-AUG-2010 09:10:34; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44335
11; 4748.6; 23-AUG-2010 09:13:29; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44335
12; 4981.5; 23-AUG-2010 09:17:22; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;44335
13; 5075.7; 23-AUG-2010 09:18:56; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44335
14; 5193.1; 23-AUG-2010 09:20:54; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44335

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15; 5282.4; 23-AUG-2010 09:22:23; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 3000;occ; 98; 0;44335
 16; 5394.8; 23-AUG-2010 09:24:15; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;44335
 17; 5551.5; 23-AUG-2010 09:26:52; Dark ; 49.0; 139; 9Bet Lep ; 2.83; 5600;occ; 98; 0;44335
 18; 5667.3; 23-AUG-2010 09:28:48; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44335
 19; 6367.0; 23-AUG-2010 09:40:27; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44336
 20; 6559.9; 23-AUG-2010 09:43:40; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44336
 21; 6914.7; 23-AUG-2010 09:49:35; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44336
 22; 7042.3; 23-AUG-2010 09:51:43; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;44336
 23; 7326.1; 23-AUG-2010 09:56:27; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;44336
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 2; 1904.6; 23-AUG-2010 10:06:41; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44336
 3; 2089.2; 23-AUG-2010 10:09:45; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44336
 4; 2488.5; 23-AUG-2010 10:16:25; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44336
 5; 2680.5; 23-AUG-2010 10:19:37; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;44336
 6; 2993.3; 23-AUG-2010 10:24:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44336
 7; 3229.5; 23-AUG-2010 10:28:46; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44336
 8; 4181.3; 23-AUG-2010 10:44:38; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44336
 9; 4373.4; 23-AUG-2010 10:47:50; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44336
 10; 4574.2; 23-AUG-2010 10:51:11; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44336
 11; 4649.7; 23-AUG-2010 10:52:26; Dark ; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;44336
 12; 4748.6; 23-AUG-2010 10:54:05; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44336
 13; 4981.9; 23-AUG-2010 10:57:58; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44336
 14; 5076.4; 23-AUG-2010 10:59:33; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44336
 15; 5193.7; 23-AUG-2010 11:01:30; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;44336
 16; 5307.5; 23-AUG-2010 11:03:24; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;44336
 17; 5395.9; 23-AUG-2010 11:04:52; Dark ; 67.5; 7; 19Bet Ori ; 0.10; 14000;occ; 135; 0;44336
 18; 5552.2; 23-AUG-2010 11:07:29; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;44336
 19; 5668.2; 23-AUG-2010 11:09:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44336
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 21; 6560.1; 23-AUG-2010 11:24:16; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44337
 22; 6915.3; 23-AUG-2010 11:30:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44337
 23; 7042.9; 23-AUG-2010 11:32:19; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44337
 24; 7326.5; 23-AUG-2010 11:37:03; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44337
 25; 7639.1; 23-AUG-2010 11:42:15; Dark ; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;44337

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 3; 1904.2; 23-AUG-2010 11:47:16; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44337
 4; 2088.9; 23-AUG-2010 11:50:21; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44337
 5; 2488.5; 23-AUG-2010 11:57:01; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44337
 6; 2680.6; 23-AUG-2010 12:00:13; Bright; 35.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 70; 0;44337
 7; 2993.2; 23-AUG-2010 12:05:25; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44337
 8; 3228.7; 23-AUG-2010 12:09:21; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44337
 9; 4181.1; 23-AUG-2010 12:25:13; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;44337
 10; 4373.3; 23-AUG-2010 12:28:26; Bright; 53.5; 107; 37The Aur ; 2.65; 11000;occ; 107; 0;44337
 11; 4574.3; 23-AUG-2010 12:31:46; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44337
 12; 4650.3; 23-AUG-2010 12:33:02; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;44337
 13; 4749.1; 23-AUG-2010 12:34:41; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44337
 14; 4982.4; 23-AUG-2010 12:38:35; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44337
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 16; 5194.6; 23-AUG-2010 12:42:07; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;44337
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 20; 5669.1; 23-AUG-2010 12:50:01; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44337
 21; 6369.5; 23-AUG-2010 13:01:42; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44338
 22; 6561.0; 23-AUG-2010 13:04:53; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44338
 23; 6916.5; 23-AUG-2010 13:10:49; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44338
 24; 7043.4; 23-AUG-2010 13:12:56; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;44338
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 3; 1904.5; 23-AUG-2010 13:27:53; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44338
 4; 2088.6; 23-AUG-2010 13:30:57; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44338
 5; 2488.5; 23-AUG-2010 13:37:37; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44338

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8; 3227.9; 23-AUG-2010 13:49:56; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44338
9; 4180.8; 23-AUG-2010 14:05:49; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;44338
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11; 4574.7; 23-AUG-2010 14:12:23; Dark ; 40.0; 28; 12Bet Tau ; 1.65; 15200;occ; 80; 0;44338
12; 4650.8; 23-AUG-2010 14:13:39; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;44338
13; 4749.3; 23-AUG-2010 14:15:17; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44338
14; 4982.9; 23-AUG-2010 14:19:11; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;44338
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16; 5195.6; 23-AUG-2010 14:22:44; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44338
17; 5308.5; 23-AUG-2010 14:24:37; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;44338
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19; 5554.4; 23-AUG-2010 14:28:42; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;44338
20; 5670.0; 23-AUG-2010 14:30:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44338
21; 6370.3; 23-AUG-2010 14:42:18; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44339
22; 6561.5; 23-AUG-2010 14:45:30; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44339
23; 6917.0; 23-AUG-2010 14:51:25; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44339
24; 7043.6; 23-AUG-2010 14:53:32; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;44339
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23; 4751.5; 24-AUG-2010 01:59:31; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44345
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3; -630.1; 24-AUG-2010 02:10:25; Dark ; 65.0; 7; 19Bet Ori ; 0.10; 14000;occ; 130; 0;44345
4; -475.6; 24-AUG-2010 02:13:00; Dark ; 45.5; 139; 9Bet Lep ; 2.83; 5600;occ; 91; 0;44345
5; -359.5; 24-AUG-2010 02:14:56; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44345
6; 343.8; 24-AUG-2010 02:26:39; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44346
7; 530.5; 24-AUG-2010 02:29:46; Dark ; 52.0; 9; Alp Eri ; 0.45; 24000;occ; 104; 0;44346
8; 886.4; 24-AUG-2010 02:35:42; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44346
9; 1010.6; 24-AUG-2010 02:37:46; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;44346

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 13; 1903.2; 24-AUG-2010 02:52:39; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44346
 14; 2087.6; 24-AUG-2010 02:55:43; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44346
 15; 2487.6; 24-AUG-2010 03:02:23; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44346
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 4;-1284.2; 24-AUG-2010 03:40:07; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;44346
 5;-1048.4; 24-AUG-2010 03:44:03; Dark ; 58.5; 14; 58Alp Ori ; 0.87; 3000;occ; 117; 0;44346
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 7; -723.9; 24-AUG-2010 03:49:27; Dark ; 46.0; 1; 9Alp CMA ; -1.44; 11000;occ; 92; 0;44346
 8; -629.3; 24-AUG-2010 03:51:02; Dark ; 72.0; 7; 19Bet Ori ; 0.10; 14000;occ; 144; 0;44346
 9; -474.7; 24-AUG-2010 03:53:37; Dark ; 53.0; 139; 9Bet Lep ; 2.83; 5600;occ; 106; 0;44346
 10; -358.5; 24-AUG-2010 03:55:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44346
 11; 344.8; 24-AUG-2010 04:07:16; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;44347
 12; 530.9; 24-AUG-2010 04:10:22; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44347
 13; 886.5; 24-AUG-2010 04:16:18; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44347
 14; 1010.8; 24-AUG-2010 04:18:22; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;44347
 15; 1293.8; 24-AUG-2010 04:23:05; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44347
 16; 1604.4; 24-AUG-2010 04:28:16; Dark ; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44347
 17; 1800.4; 24-AUG-2010 04:31:32; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44347
 18; 1903.2; 24-AUG-2010 04:33:15; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44347
 19; 2087.4; 24-AUG-2010 04:36:19; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44347
 20; 2488.0; 24-AUG-2010 04:42:59; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44347
 21; 2679.9; 24-AUG-2010 04:46:11; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;44347
 22; 2991.0; 24-AUG-2010 04:51:22; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44347
 23; 3221.8; 24-AUG-2010 04:55:13; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44347
 24; 3354.9; 24-AUG-2010 04:57:26; Bright; 28.5; 76; 27Gam Cas ; 2.30; 30000;occ; 57; 0;44347

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 3;-1383.1; 24-AUG-2010 05:19:04; Dark ; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;44347
 4;-1284.0; 24-AUG-2010 05:20:43; Dark ; 42.5; 44; 24Gam Gem ; 1.93; 11000;occ; 85; 0;44347
 5;-1047.6; 24-AUG-2010 05:24:40; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;44347
 6; -833.2; 24-AUG-2010 05:28:14; Dark ; 56.0; 30; 46Eps Ori ; 1.69; 30000;occ; 112; 0;44347
 7; -723.4; 24-AUG-2010 05:30:04; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;44347
 8; -628.1; 24-AUG-2010 05:31:39; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;44347
 9; -473.5; 24-AUG-2010 05:34:14; Dark ; 50.5; 139; 9Bet Lep ; 2.83; 5600;occ; 101; 0;44347
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 11; 345.8; 24-AUG-2010 05:47:53; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44348
 12; 531.8; 24-AUG-2010 05:50:59; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44348
 13; 888.1; 24-AUG-2010 05:56:55; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44348
 14; 1011.4; 24-AUG-2010 05:58:59; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;44348
 15; 1294.7; 24-AUG-2010 06:03:42; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44348
 16; 1604.7; 24-AUG-2010 06:08:52; Dark ; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;44348
 17; 1800.4; 24-AUG-2010 06:12:08; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44348
 18; 1903.3; 24-AUG-2010 06:13:51; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44348
 19; 2087.0; 24-AUG-2010 06:16:54; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44348
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 21; 2679.8; 24-AUG-2010 06:26:47; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44348
 22; 2991.3; 24-AUG-2010 06:31:59; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44348
 23; 3221.2; 24-AUG-2010 06:35:49; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;44348
 24; 3354.1; 24-AUG-2010 06:38:02; Bright; 30.5; 76; 27Gam Cas ; 2.30; 30000;occ; 61; 0;44348

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 3;-1382.9; 24-AUG-2010 06:59:40; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44348
 4;-1283.4; 24-AUG-2010 07:01:20; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;44348
 5;-1047.4; 24-AUG-2010 07:05:16; Dark ; 60.5; 14; 58Alp Ori ; 0.87; 3000;occ; 121; 0;44348
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11; 346.8; 24-AUG-2010 07:28:30; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44349
12; 532.3; 24-AUG-2010 07:31:36; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44349
13; 888.4; 24-AUG-2010 07:37:32; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;44349
14; 1011.9; 24-AUG-2010 07:39:35; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;44349
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3; 1902.8; 24-AUG-2010 07:54:26; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44349
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5; 2487.6; 24-AUG-2010 08:04:11; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44349
6; 2679.5; 24-AUG-2010 08:07:23; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44349
7; 2990.9; 24-AUG-2010 08:12:34; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44349
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12; 4653.6; 24-AUG-2010 08:40:17; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;44349
13; 4752.5; 24-AUG-2010 08:41:56; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44349
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3; 2086.7; 24-AUG-2010 09:38:06; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44350
4; 2487.6; 24-AUG-2010 09:44:47; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44350
5; 2679.5; 24-AUG-2010 09:47:59; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;44350
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10; 4374.2; 24-AUG-2010 10:16:13; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;44350
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12; 4752.7; 24-AUG-2010 10:22:32; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44350
13; 4989.9; 24-AUG-2010 10:26:29; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44350
14; 5205.3; 24-AUG-2010 10:30:05; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;44350
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21; 6925.4; 24-AUG-2010 10:58:45; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44351
22; 7048.4; 24-AUG-2010 11:00:48; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44351
23; 7331.5; 24-AUG-2010 11:05:31; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;44351
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5; 2487.4; 24-AUG-2010 11:25:23; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44351
6; 2679.7; 24-AUG-2010 11:28:35; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44351
7; 2990.4; 24-AUG-2010 11:33:46; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44351

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13; 4753.5; 24-AUG-2010 12:03:09; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44351
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8; 3217.9; 24-AUG-2010 13:18:09; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44352
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7; 2679.3; 24-AUG-2010 16:30:22; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44354
8; 2989.9; 24-AUG-2010 16:35:33; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44354
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 22; 6572.9; 24-AUG-2010 19:15:52; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44356
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 4; 1800.2; 24-AUG-2010 19:36:55; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44356
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22; 7336.2; 25-AUG-2010 12:14:34; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44366
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 3; 1901.1; 25-AUG-2010 12:24:35; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44366
 4; 2084.4; 25-AUG-2010 12:27:38; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44366
 5; 2486.8; 25-AUG-2010 12:34:21; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44366
 6; 2678.5; 25-AUG-2010 12:37:33; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;44366
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13; 4758.0; 25-AUG-2010 13:12:12; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44366
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16; 5321.4; 25-AUG-2010 13:21:35; Dark ; 46.0; 1; 9Alp CMA ; -1.44; 11000;occ; 92; 0;44366
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 5; 2486.8; 25-AUG-2010 14:14:57; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44367
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11; 4375.0; 25-AUG-2010 14:46:25; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;44367
12; 4658.5; 25-AUG-2010 14:51:08; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44367
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 4; 1900.7; 25-AUG-2010 15:45:47; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44368
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 9; 3206.8; 25-AUG-2010 16:07:33; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44368
10; 3339.2; 25-AUG-2010 16:09:45; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44368
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9; 2987.4; 25-AUG-2010 19:25:05; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44370
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11; 3338.0; 25-AUG-2010 19:30:56; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44370
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6; 1900.3; 25-AUG-2010 20:47:34; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44371
7; 2083.4; 25-AUG-2010 20:50:37; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44371

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 12; 3337.3; 25-AUG-2010 21:11:31; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44371
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 22; 5003.1; 25-AUG-2010 23:19:53; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44372
 23; 5324.0; 25-AUG-2010 23:25:14; Dark ; 1.5; 1; 9Alp CMA ; -1.44; 11000;occ; 3; 0;44372

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 3; -333.8; 25-AUG-2010 23:31:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44372
 4; 376.7; 25-AUG-2010 23:43:22; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44373
 5; 547.9; 25-AUG-2010 23:46:14; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44373
 6; 904.9; 25-AUG-2010 23:52:11; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;44373
 7; 1020.4; 25-AUG-2010 23:54:06; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44373
 8; 1302.4; 25-AUG-2010 23:58:48; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;44373
 9; 1607.7; 26-AUG-2010 00:03:53; Dark ; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44373
 10; 1800.9; 26-AUG-2010 00:07:07; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44373
 11; 1900.3; 26-AUG-2010 00:08:46; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44373
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 13; 2486.2; 26-AUG-2010 00:18:32; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44373
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 15; 3203.2; 26-AUG-2010 00:30:29; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44373
 16; 3335.5; 26-AUG-2010 00:32:41; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;44373
 17; 4216.0; 26-AUG-2010 00:47:22; Bright; 47.5; 42; 34Bet Aur ; 1.90; 10200;occ; 95; 0;44373
 18; 4375.1; 26-AUG-2010 00:50:01; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44373
 19; 4659.9; 26-AUG-2010 00:54:46; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44373
 20; 4760.1; 26-AUG-2010 00:56:26; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44373
 21; 5003.6; 26-AUG-2010 01:00:29; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44373

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 3; -332.8; 26-AUG-2010 01:12:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44373
 4; 378.0; 26-AUG-2010 01:23:59; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44374
 5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374
 6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374
 7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374

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5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374
6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374
7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374
8; 1302.8; 26-AUG-2010 01:39:24; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44374
9; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
10; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
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3; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
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5; 2083.3; 26-AUG-2010 01:52:25; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44374
6; 2486.6; 26-AUG-2010 01:59:08; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44374
7; 2986.6; 26-AUG-2010 02:07:28; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44374
8; 3202.6; 26-AUG-2010 02:11:04; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44374
9; 3334.9; 26-AUG-2010 02:13:16; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44374
10; 4216.1; 26-AUG-2010 02:27:58; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;44374
11; 4375.4; 26-AUG-2010 02:30:37; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44374
12; 4660.1; 26-AUG-2010 02:35:22; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44374
13; 4760.5; 26-AUG-2010 02:37:02; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;44374
14; 5004.4; 26-AUG-2010 02:41:06; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44374
15; 5222.7; 26-AUG-2010 02:44:44; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44374
16; 5325.3; 26-AUG-2010 02:46:27; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;44374
17; 5704.0; 26-AUG-2010 02:52:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44374
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19; 6585.0; 26-AUG-2010 03:07:26; Dark ; 49.0; 9; Alp Eri ; 0.45; 24000;occ; 98; 0;44375
20; 6942.0; 26-AUG-2010 03:13:23; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44375
21; 7057.2; 26-AUG-2010 03:15:19; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;44375
22; 7339.4; 26-AUG-2010 03:20:01; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44375
23; 7643.6; 26-AUG-2010 03:25:05; Dark ; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44375
24; 7837.3; 26-AUG-2010 03:28:19; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44375
25; 7936.0; 26-AUG-2010 03:29:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44375
26; 8119.0; 26-AUG-2010 03:33:00; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44375
27; 8530.9; 26-AUG-2010 03:39:52; Bright; 26.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 53; 0;44375
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2; 3202.0; 26-AUG-2010 03:51:39; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44375
3; 3334.4; 26-AUG-2010 03:53:52; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44375
4; 4216.1; 26-AUG-2010 04:08:33; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44375
5; 4375.3; 26-AUG-2010 04:11:13; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44375
6; 4660.5; 26-AUG-2010 04:15:58; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44375
7; 4761.0; 26-AUG-2010 04:17:38; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44375
8; 5005.2; 26-AUG-2010 04:21:43; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44375
9; 5223.7; 26-AUG-2010 04:25:21; Dark ; 59.5; 72; 34Del Ori ; 2.25; 30000;occ; 119; 0;44375
10; 5325.9; 26-AUG-2010 04:27:03; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;44375
11; 5528.0; 26-AUG-2010 04:30:25; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44375
12; 5705.1; 26-AUG-2010 04:33:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44375
13; 6416.6; 26-AUG-2010 04:45:14; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44376
14; 6585.8; 26-AUG-2010 04:48:03; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44376
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16; 7057.7; 26-AUG-2010 04:55:55; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44376
17; 7339.3; 26-AUG-2010 05:00:37; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44376
18; 7644.0; 26-AUG-2010 05:05:41; Dark ; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;44376
19; 7837.5; 26-AUG-2010 05:08:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44376
20; 7936.2; 26-AUG-2010 05:10:34; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44376
21; 8119.2; 26-AUG-2010 05:13:37; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44376
22; 8587.3; 26-AUG-2010 05:21:25; Bright; 49.5; 164; 44Eta Peg ; 2.95; 5400;occ; 99; 0;44376
23; 9022.7; 26-AUG-2010 05:28:40; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44376
24; 9237.1; 26-AUG-2010 05:32:14; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44376
25; 9369.6; 26-AUG-2010 05:34:27; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44376
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3; -1375.4; 26-AUG-2010 05:56:34; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;44376
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13; 5226.3; 26-AUG-2010 09:27:12; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44378
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 3; 1899.5; 26-AUG-2010 13:33:32; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44381
 4; 2082.1; 26-AUG-2010 13:36:35; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44381
 5; 2547.8; 26-AUG-2010 13:44:21; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;44381
 6; 2985.6; 26-AUG-2010 13:51:39; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44381

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12; 4762.8; 26-AUG-2010 14:21:16; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44381
13; 5008.6; 26-AUG-2010 14:25:22; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44381
14; 5229.4; 26-AUG-2010 14:29:02; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44381
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9; 4215.8; 26-AUG-2010 15:52:45; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;44382
10; 4375.9; 26-AUG-2010 15:55:25; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44382
11; 4662.3; 26-AUG-2010 16:00:11; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44382
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13; 5009.5; 26-AUG-2010 16:05:58; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44382
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15; 5329.1; 26-AUG-2010 16:11:18; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;44382
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3; 1801.8; 26-AUG-2010 16:53:07; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44383
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3; 1609.0; 26-AUG-2010 18:30:30; Dark ; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;44384
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5; 1899.1; 26-AUG-2010 18:35:20; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44384
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11; 4173.3; 26-AUG-2010 19:13:14; Bright; 57.5; 6; 13Alp Aur ; 0.08; 3400;occ; 115; 0;44384
12; 4375.8; 26-AUG-2010 19:16:37; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44384
13; 4662.7; 26-AUG-2010 19:21:24; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44384
14; 4763.7; 26-AUG-2010 19:23:05; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44384
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5; 1801.8; 26-AUG-2010 20:14:19; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44385
6; 1899.0; 26-AUG-2010 20:15:56; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44385
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 17; 4376.7; 29-AUG-2010 00:55:47; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;44416
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 27; 6970.5; 29-AUG-2010 03:19:37; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44418
 28; 7352.6; 29-AUG-2010 03:25:59; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;44418
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 12; 2503.0; 01-SEP-2010 00:30:18; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;44459
 13; 2975.5; 01-SEP-2010 00:38:11; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44459
 14; 3145.2; 01-SEP-2010 00:41:01; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;44459
 15; 3273.7; 01-SEP-2010 00:43:09; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44459
 16; 4208.2; 01-SEP-2010 00:58:43; Bright; 45.5; 42; 34Bet Aur ; 1.90; 10200;occ; 91; 0;44459
 17; 4377.9; 01-SEP-2010 01:01:33; Bright; 57.0; 107; 37The Aur ; 2.65; 11000;occ; 114; 0;44459
 18; 4514.1; 01-SEP-2010 01:03:49; Bright; 39.0; 17; 78Bet Gem ; 1.16; 4500;occ; 78; 0;44459
 19; 4685.5; 01-SEP-2010 01:06:41; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;44459
 20; 4790.7; 01-SEP-2010 01:08:26; Dark ; 52.5; 44; 24Gam Gem ; 1.93; 11000;occ; 105; 0;44459
 21; 4913.6; 01-SEP-2010 01:10:29; Dark ; 49.5; 8; 10Alp CMi ; 0.40; 6500;occ; 99; 0;44459