

# GOMOS Daily Report 01-MAY-2008

## Level 0 and Level 1 products

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## [Level 2 products](#)

This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM\_TRA\_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	09MAY2008 13:33:06
Data source version	GOMOS/5.00
Start time of products	01-05-2008 (01MAY2008 00:00:00)
Stop time of products	02-05-2008 (02MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	49
Nb of prods with errors	0

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

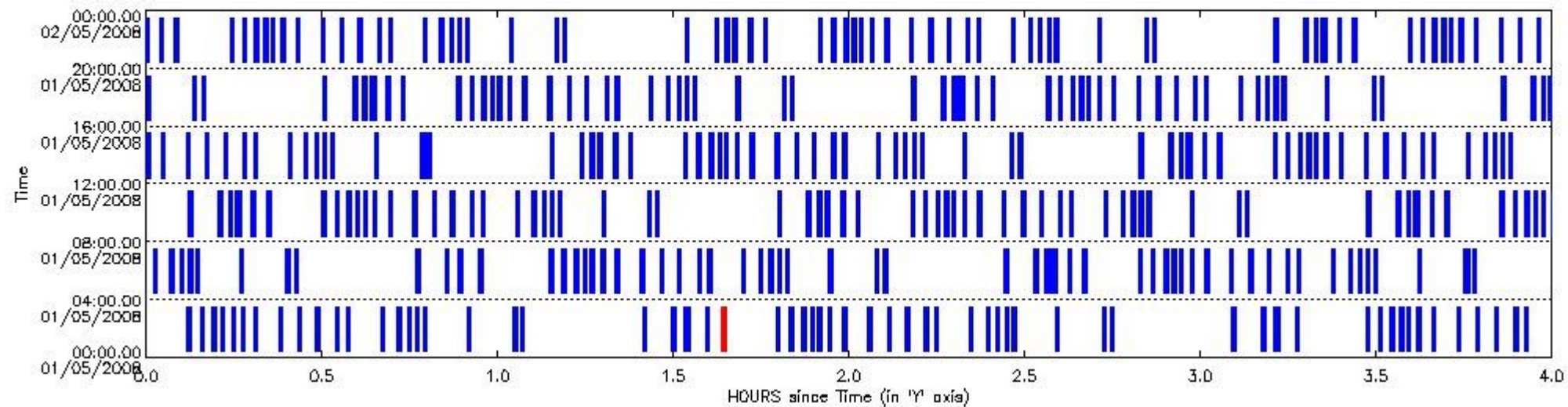
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

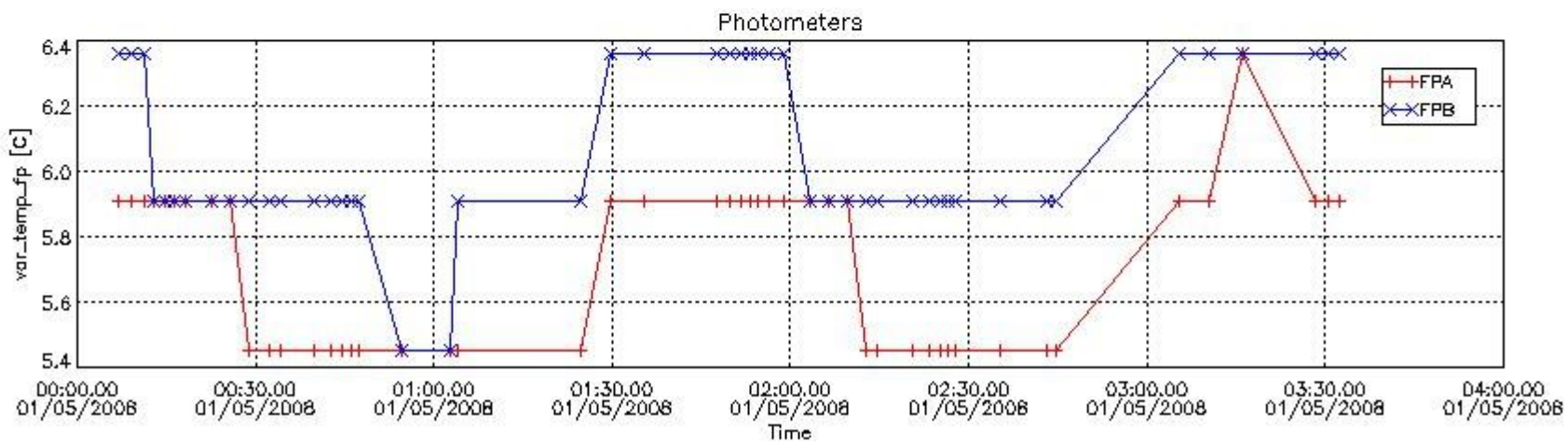
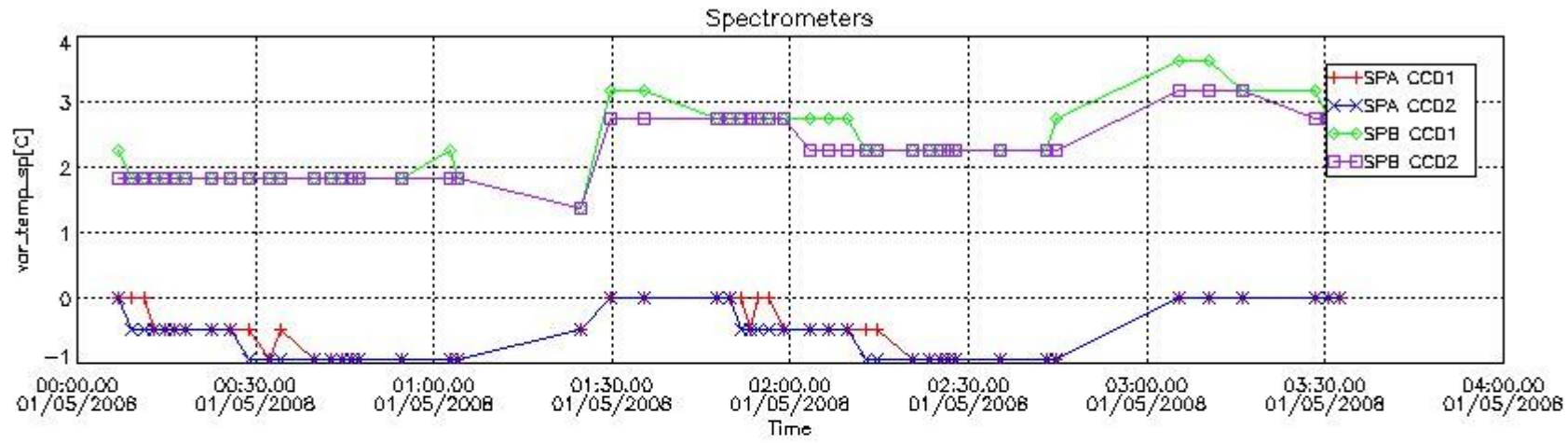
UTC start time	Star name	Star ID	Orbit
01-MAY-2008 01:38:06	AlpTuc	148	32250

### 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_1PNPDE20080501_000658_000000422068_00131_32249_3886.N1	01-MAY-2008 00:06:58	Straylight	42.000	43	Alp TrA	1.9100	4250.0	84	32249	No
2	GOM_TRA_1PNPDE20080501_000910_000000372068_00131_32249_3887.N1	01-MAY-2008 00:09:10	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32249	No
3	GOM_TRA_1PNPDE20080501_001113_000000442068_00131_32249_3888.N1	01-MAY-2008 00:11:13	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	32249	No
4	GOM_TRA_1PNPDE20080501_001245_000000412068_00131_32249_3889.N1	01-MAY-2008 00:12:45	Straylight	40.500	20	Bet Cru	1.2530	30000.	81	32249	No
5	GOM_TRA_1PNPDE20080501_001438_000000392068_00131_32249_3890.N1	01-MAY-2008 00:14:38	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	32249	No
6	GOM_TRA_1PNPDE20080501_001611_000000412068_00131_32249_3891.N1	01-MAY-2008 00:16:11	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	32249	No
7	GOM_TRA_1PNPDE20080501_001816_000000432068_00131_32249_3892.N1	01-MAY-2008 00:18:16	Twilight_stray	42.500	54	5The Cen	2.0550	4500.0	85	32249	No
8	GOM_TRA_1PNPDE20080501_002233_000000452068_00131_32249_3893.N1	01-MAY-2008 00:22:33	Bright	44.500	169	46Gam Hya	2.9910	4700.0	89	32249	No
9	GOM_TRA_1PNPDE20080501_002552_000000382068_00131_32249_3894.N1	01-MAY-2008 00:25:52	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32249	No
10	GOM_TRA_1PNPDE20080501_002856_000000362068_00131_32249_3895.N1	01-MAY-2008 00:28:56	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	32249	No

11	GOM_TRA_1PNPDE20080501_003215_000000352068_00131_32249_3896.N1	01-MAY-2008 00:32:15	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32249	No
12	GOM_TRA_1PNPDE20080501_003403_000000352068_00131_32249_3897.N1	01-MAY-2008 00:34:03	Bright	35.000	62	94Bet Leo	2.1360	9700.0	70	32249	No
13	GOM_TRA_1PNPDE20080501_003959_000000342068_00131_32249_3898.N1	01-MAY-2008 00:39:59	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	32249	No
14	GOM_TRA_1PNPDE20080501_004249_000000382068_00131_32249_3899.N1	01-MAY-2008 00:42:49	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	32249	No
15	GOM_TRA_1PNPDE20080501_004433_000000372068_00131_32249_3900.N1	01-MAY-2008 00:44:33	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	32249	No
16	GOM_TRA_1PNPDE20080501_004558_000000362068_00131_32249_3901.N1	01-MAY-2008 00:45:58	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	32249	No
17	GOM_TRA_1PNPDE20080501_004716_000000372068_00131_32249_3902.N1	01-MAY-2008 00:47:16	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32249	No
18	GOM_TRA_1PNPDE20080501_005444_000000352068_00131_32249_3903.N1	01-MAY-2008 00:54:44	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32249	No
19	GOM_TRA_1PNPDE20080501_010238_000000482068_00131_32249_3904.N1	01-MAY-2008 01:02:38	Bright	48.000	110	37Del Cas	2.6780	8900.0	96	32249	No
20	GOM_TRA_1PNPDE20080501_010400_000000342068_00131_32249_3905.N1	01-MAY-2008 01:04:00	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32249	No
21	GOM_TRA_1PNPDE20080501_012444_000000442068_00131_32249_4016.N1	01-MAY-2008 01:24:44	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	32249	No
22	GOM_TRA_1PNPDE20080501_012944_000000442068_00131_32249_4017.N1	01-MAY-2008 01:29:44	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	32249	No
23	GOM_TRA_1PNPDE20080501_013530_000000402068_00131_32249_4018.N1	01-MAY-2008 01:35:30	Dark	39.500	31	Alp Gru	1.7340	15200.	79	32249	No
24	GOM_TRA_1PNPDE20080501_014734_000000392068_00132_32250_4019.N1	01-MAY-2008 01:47:34	Straylight	38.500	43	Alp TrA	1.9100	4250.0	77	32250	No
25	GOM_TRA_1PNPDE20080501_014946_000000382068_00132_32250_4020.N1	01-MAY-2008 01:49:46	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32250	No
26	GOM_TRA_1PNPDE20080501_015149_000000442068_00132_32250_4021.N1	01-MAY-2008 01:51:49	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	32250	No
27	GOM_TRA_1PNPDE20080501_015321_000000372068_00132_32250_4022.N1	01-MAY-2008 01:53:21	Straylight	37.000	20	Bet Cru	1.2530	30000.	74	32250	No
28	GOM_TRA_1PNPDE20080501_015435_000000402068_00132_32250_4023.N1	01-MAY-2008 01:54:35	Straylight	40.000	77	Eps Cen	2.3030	28000.	80	32250	No
29	GOM_TRA_1PNPDE20080501_015622_000000372068_00132_32250_4024.N1	01-MAY-2008 01:56:22	Straylight	36.500	64	Gam Cen	2.2000	10600.	73	32250	No
30	GOM_TRA_1PNPDE20080501_015852_000000432068_00132_32250_4025.N1	01-MAY-2008 01:58:52	Twi_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	32250	No
31	GOM_TRA_1PNPDE20080501_020309_000000412068_00132_32250_4026.N1	01-MAY-2008 02:03:09	Bright	41.000	169	46Gam Hya	2.9910	4700.0	82	32250	No
32	GOM_TRA_1PNPDE20080501_020628_000000382068_00132_32250_4027.N1	01-MAY-2008 02:06:28	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32250	No
33	GOM_TRA_1PNPDE20080501_020933_000000492068_00132_32250_4028.N1	01-MAY-2008 02:09:33	Bright	49.000	121	29Gam Vir	2.7400	7200.0	98	32250	No
34	GOM_TRA_1PNPDE20080501_021251_000000362068_00132_32250_4029.N1	01-MAY-2008 02:12:51	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	32250	No
35	GOM_TRA_1PNPDE20080501_021440_000000362068_00132_32250_4030.N1	01-MAY-2008 02:14:40	Bright	36.000	62	94Bet Leo	2.1360	9700.0	72	32250	No
36	GOM_TRA_1PNPDE20080501_022035_000000352068_00132_32250_4031.N1	01-MAY-2008 02:20:35	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32250	No
37	GOM_TRA_1PNPDE20080501_022325_000000352068_00132_32250_4032.N1	01-MAY-2008 02:23:25	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	32250	No
38	GOM_TRA_1PNPDE20080501_022509_000000362068_00132_32250_4033.N1	01-MAY-2008 02:25:09	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	32250	No
39	GOM_TRA_1PNPDE20080501_022634_000000362068_00132_32250_4034.N1	01-MAY-2008 02:26:34	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	32250	No
40	GOM_TRA_1PNPDE20080501_022752_000000362068_00132_32250_4035.N1	01-MAY-2008 02:27:52	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	32250	No
41	GOM_TRA_1PNPDE20080501_023520_000000342068_00132_32250_4036.N1	01-MAY-2008 02:35:20	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	32250	No
42	GOM_TRA_1PNPDE20080501_024314_000000342068_00132_32250_4175.N1	01-MAY-2008 02:43:14	Bright	34.000	110	37Del Cas	2.6780	8900.0	68	32250	No
43	GOM_TRA_1PNPDE20080501_024436_000000332068_00132_32250_4176.N1	01-MAY-2008 02:44:36	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	32250	No
44	GOM_TRA_1PNPDE20080501_030520_000000422068_00132_32250_4177.N1	01-MAY-2008 03:05:20	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32250	No
45	GOM_TRA_1PNPDE20080501_031021_000000462068_00132_32250_4178.N1	01-MAY-2008 03:10:21	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	32250	No
46	GOM_TRA_1PNPDE20080501_031607_000000402068_00132_32250_4179.N1	01-MAY-2008 03:16:07	Dark	39.500	31	Alp Gru	1.7340	15200.	79	32250	No
47	GOM_TRA_1PNPDE20080501_032811_000000402068_00133_32251_4180.N1	01-MAY-2008 03:28:11	Straylight	39.500	43	Alp TrA	1.9100	4250.0	79	32251	No
48	GOM_TRA_1PNPDE20080501_033023_000000372068_00133_32251_4181.N1	01-MAY-2008 03:30:23	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32251	No
49	GOM_TRA_1PNPDE20080501_033225_000000452068_00133_32251_4182.N1	01-MAY-2008 03:32:25	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	32251	No

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



#### 4. Overview of dark signal processing per product

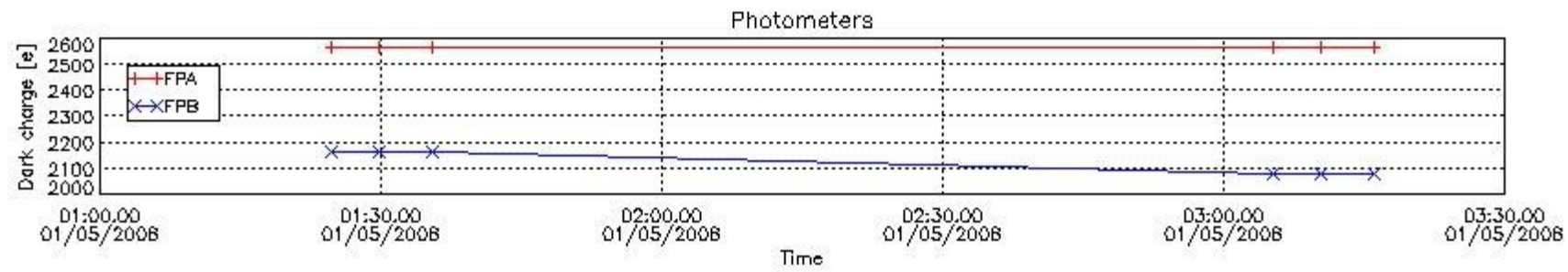
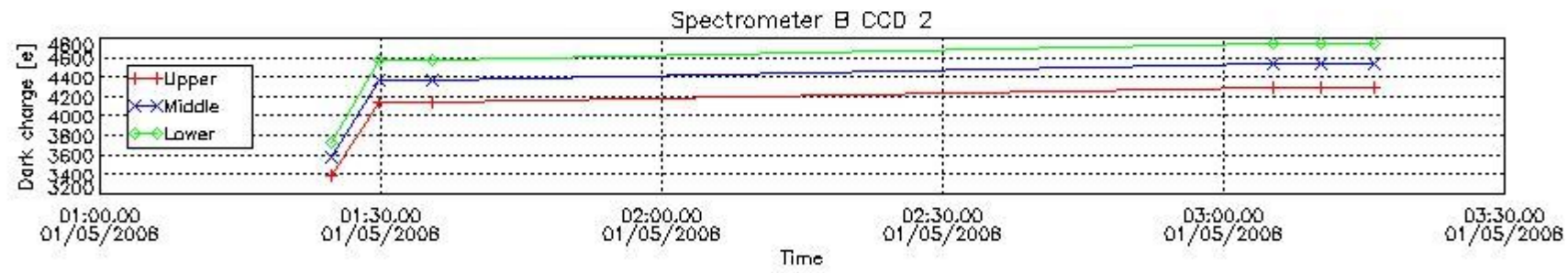
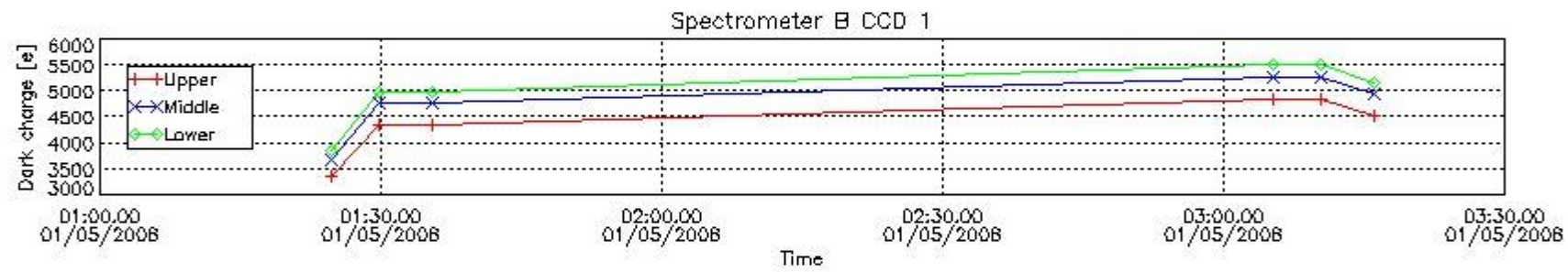
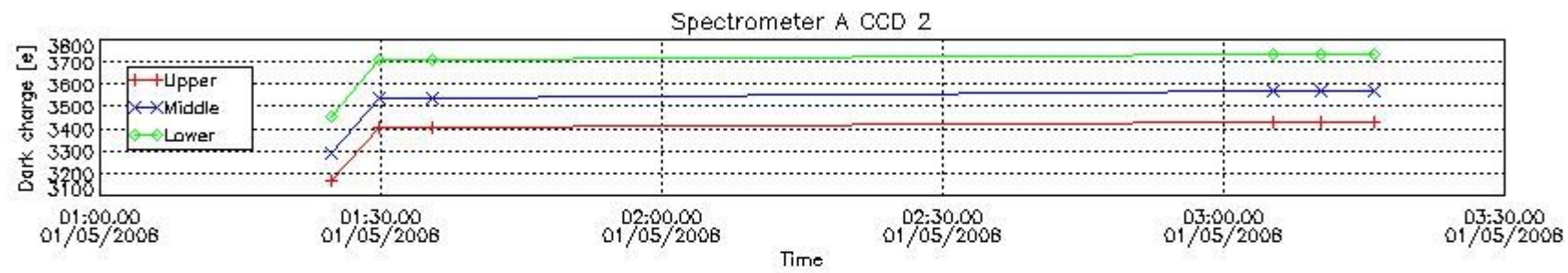
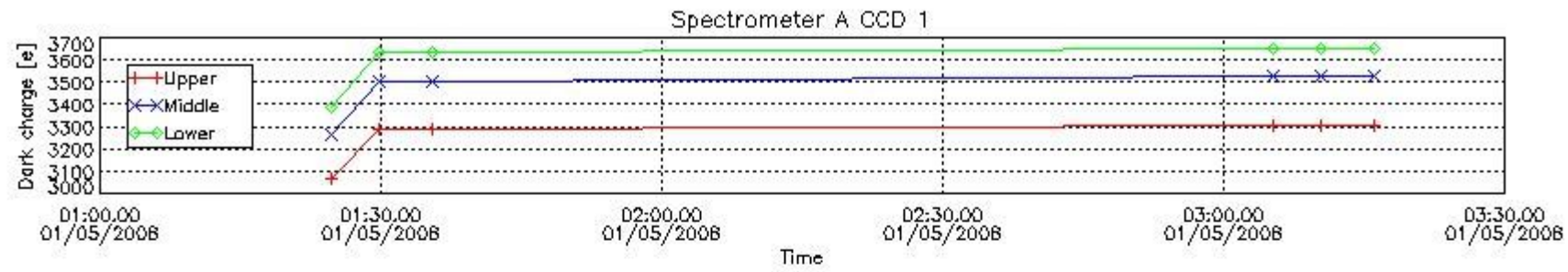
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount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

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

##### 4.1 All products used the DSA observation for the DC computation

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





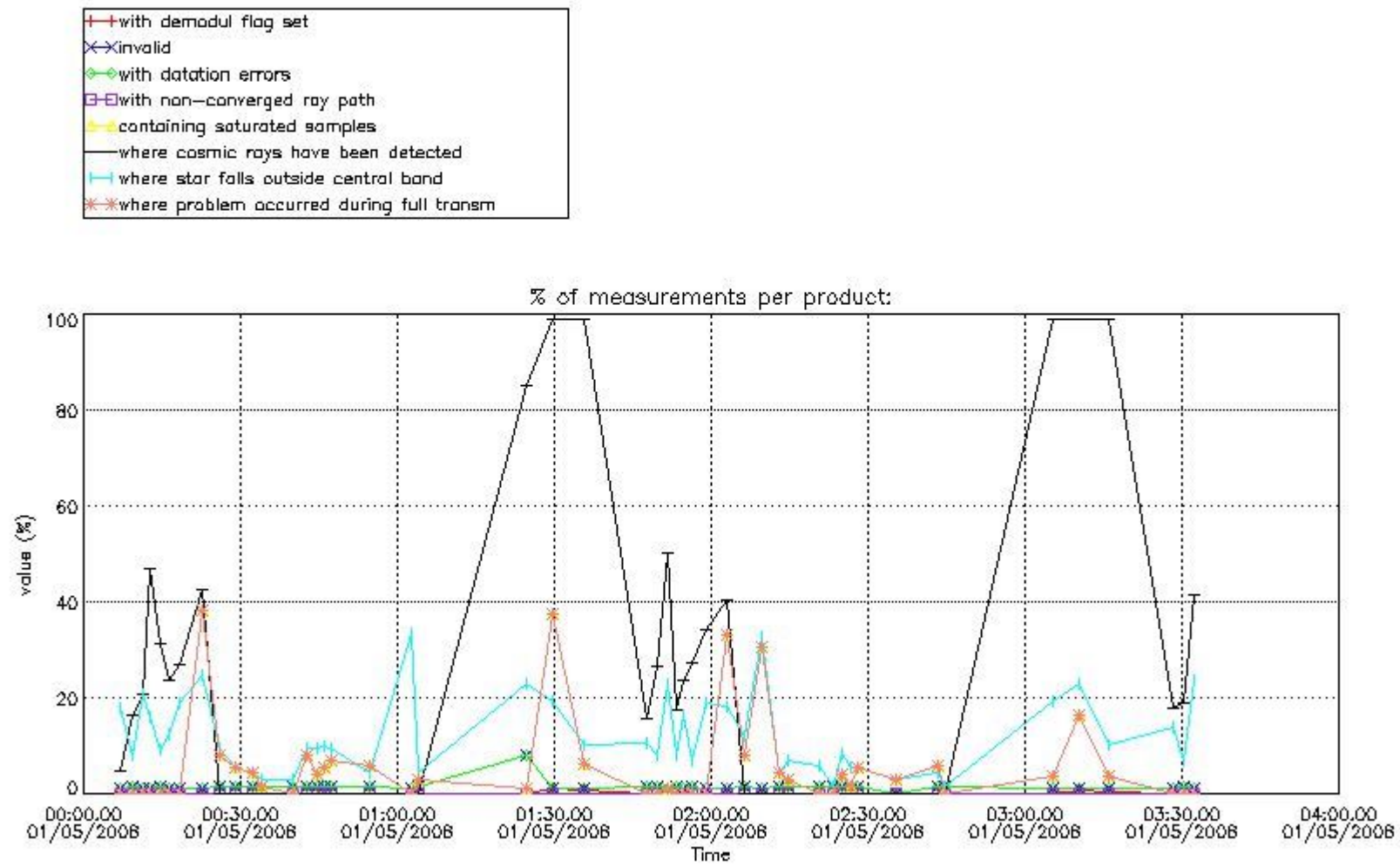
## 5. Demodulation flag and quality information monitoring

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

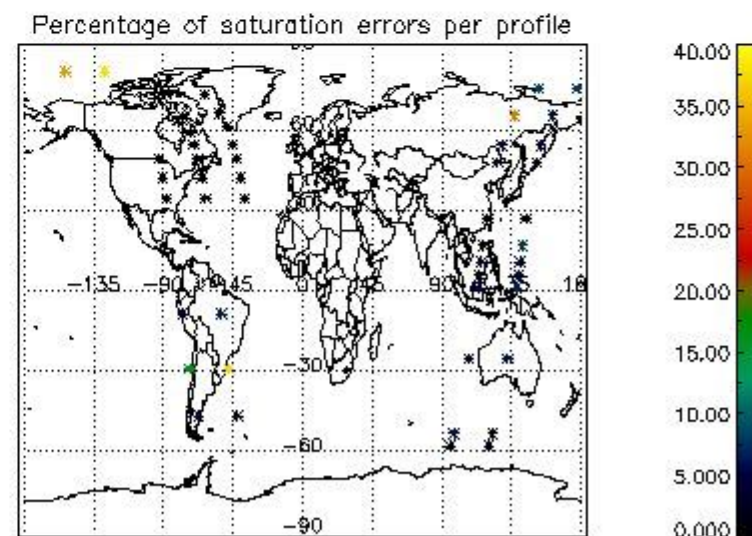
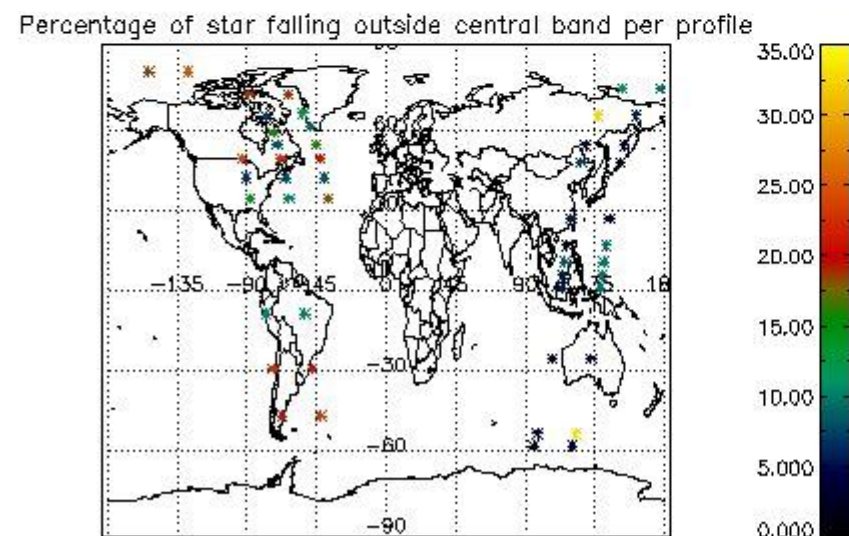
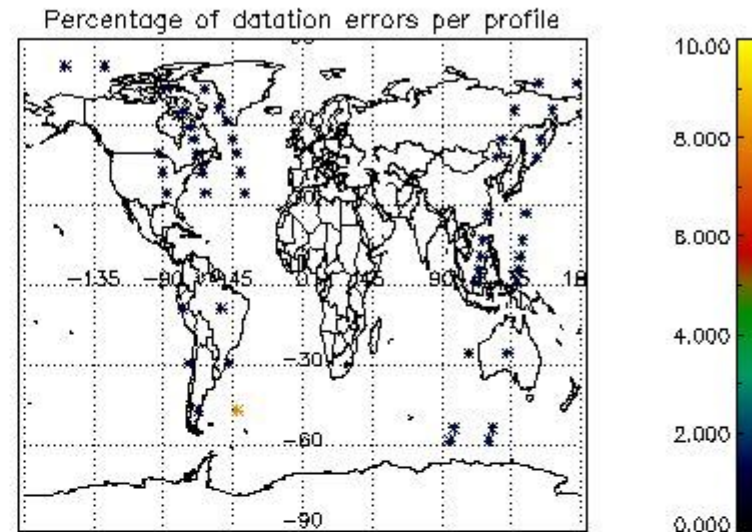
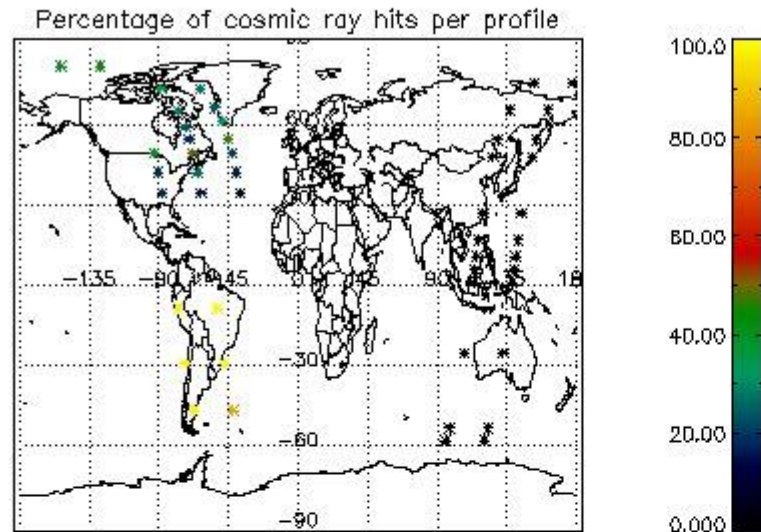
### 5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	22.4490 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

### 5.2 Plot quality information per product (time dependant)



### 5.3 Plot quality information per product (world map)



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

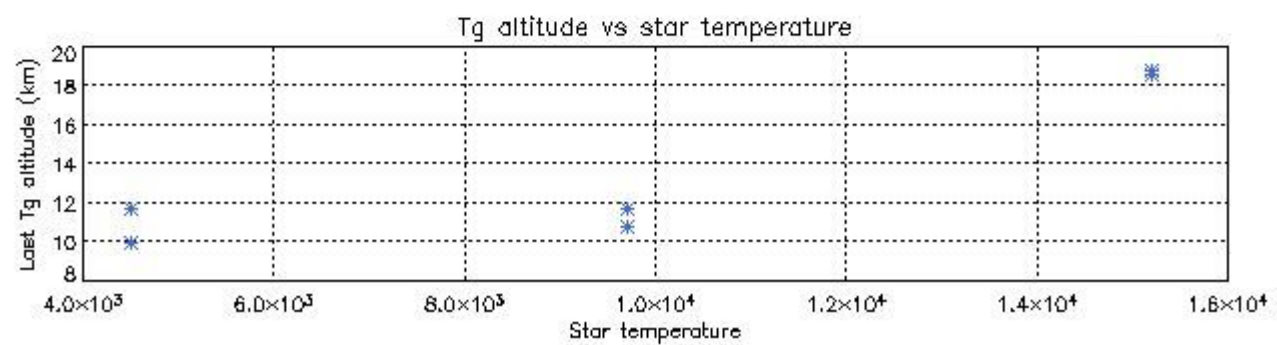
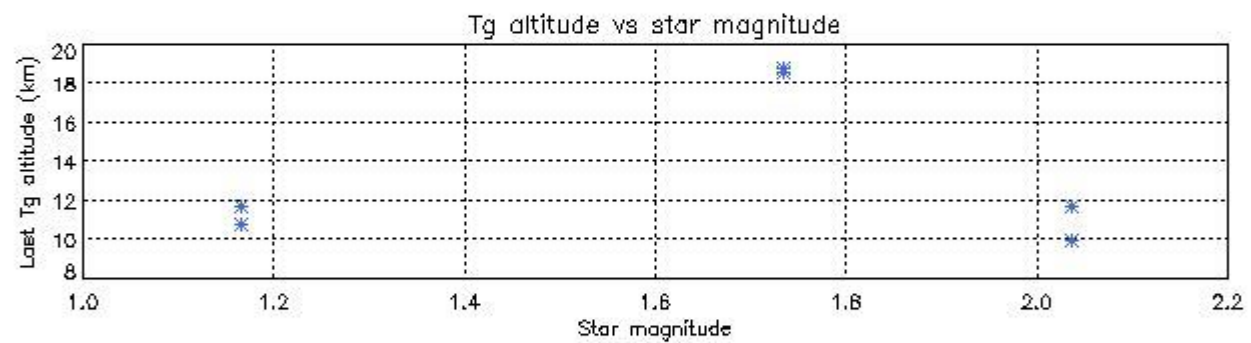
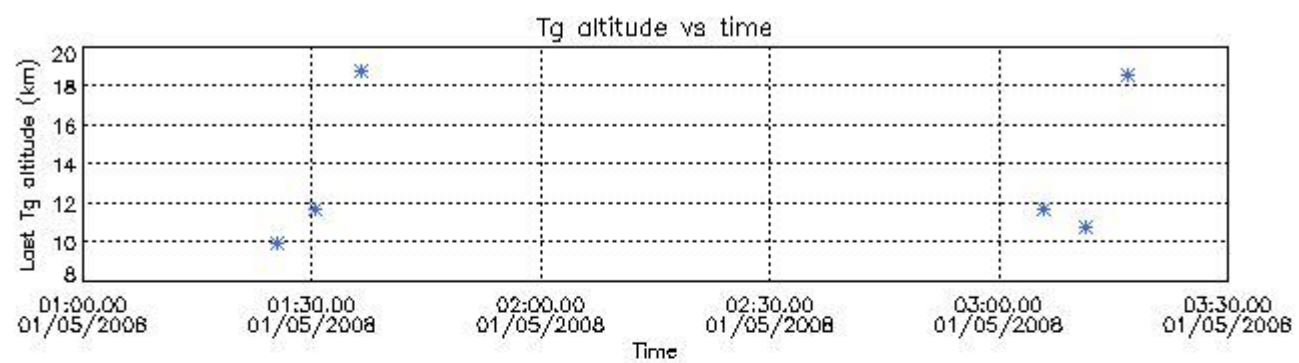
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.553	19.721	NaN
St. deviation:	3.9872	5.2997	NaN
Maximum:	18.739	26.765	NaN
Minimum:	9.9417	6.3703	NaN
Number of data:	6.0000	26.000	NaN

### 6.2 Plot for DARK limb products



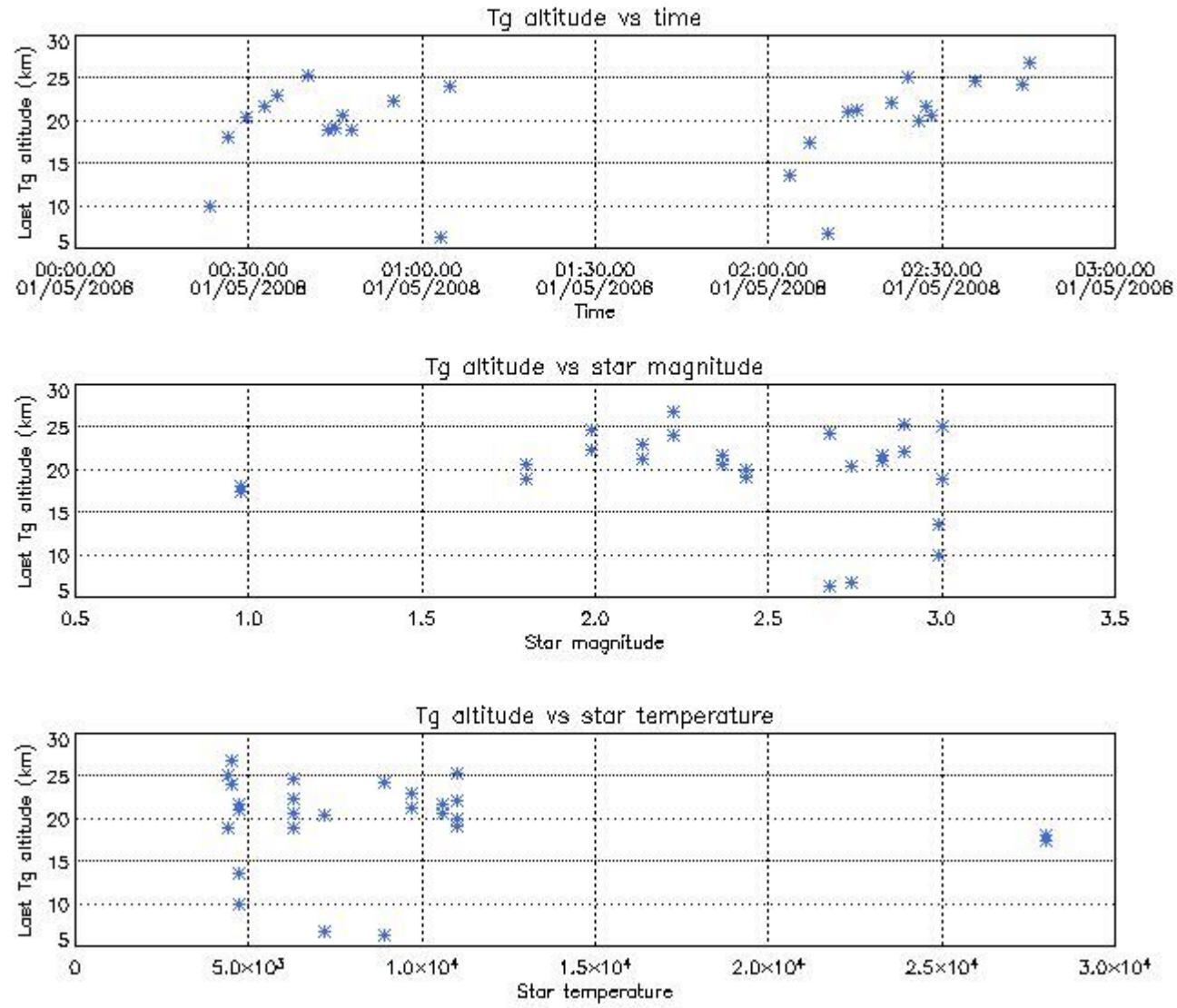
Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products



## Tangent altitude at which the star is lost

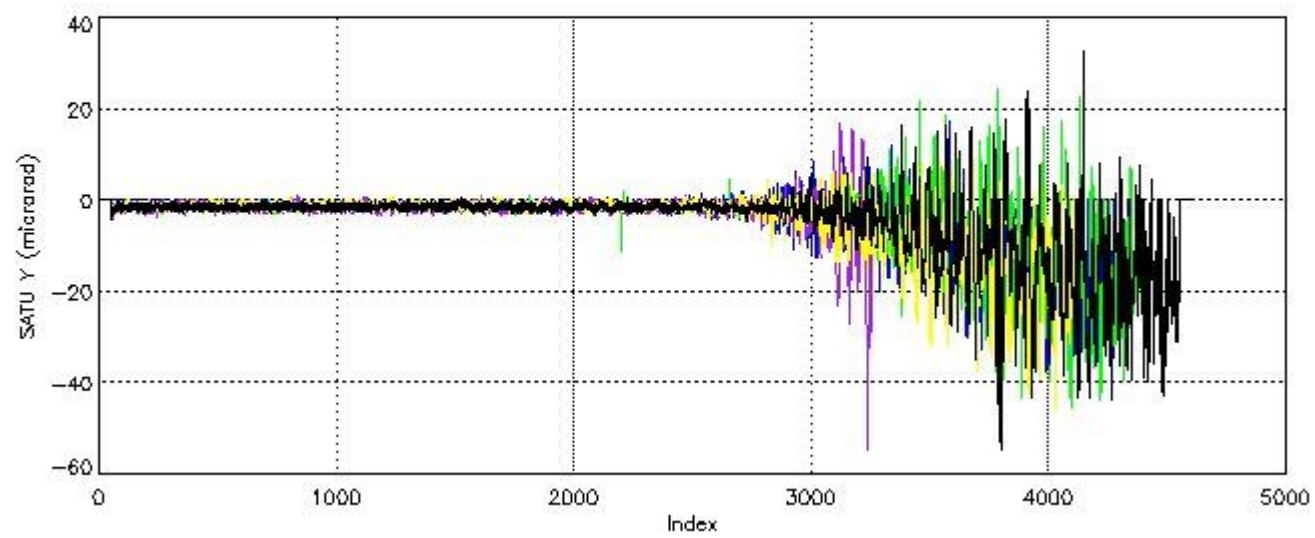
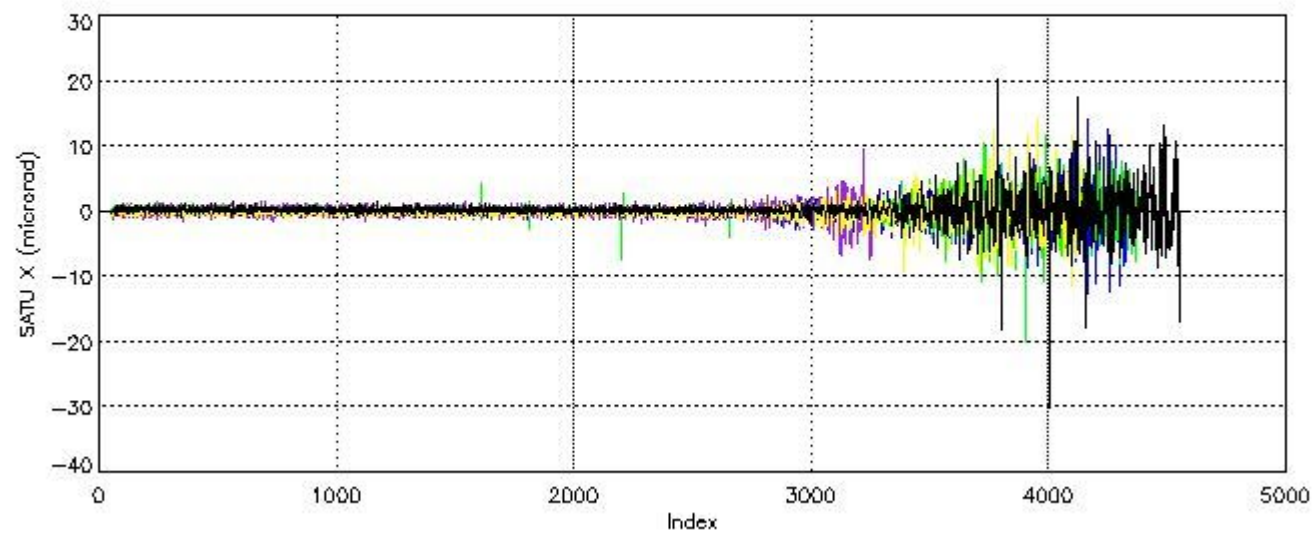


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.028766	-1.3455	-0.062107	-1.4182
St. deviation:	0.36156	0.83768	0.82896	1.3278
Maximum:	2.0000	1.0000	5.0000	5.9000
Minimum:	-1.6000	-4.2000	-5.1000	-9.2000

Number of data:	5200.0	5200.0	21350.	21350.
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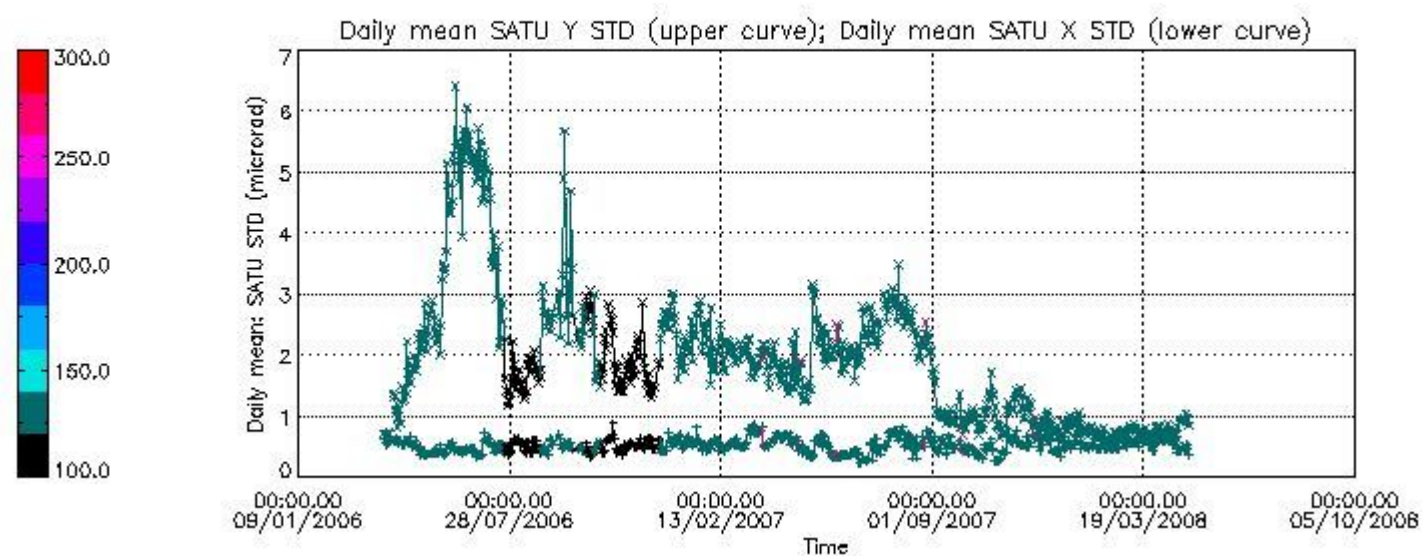
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

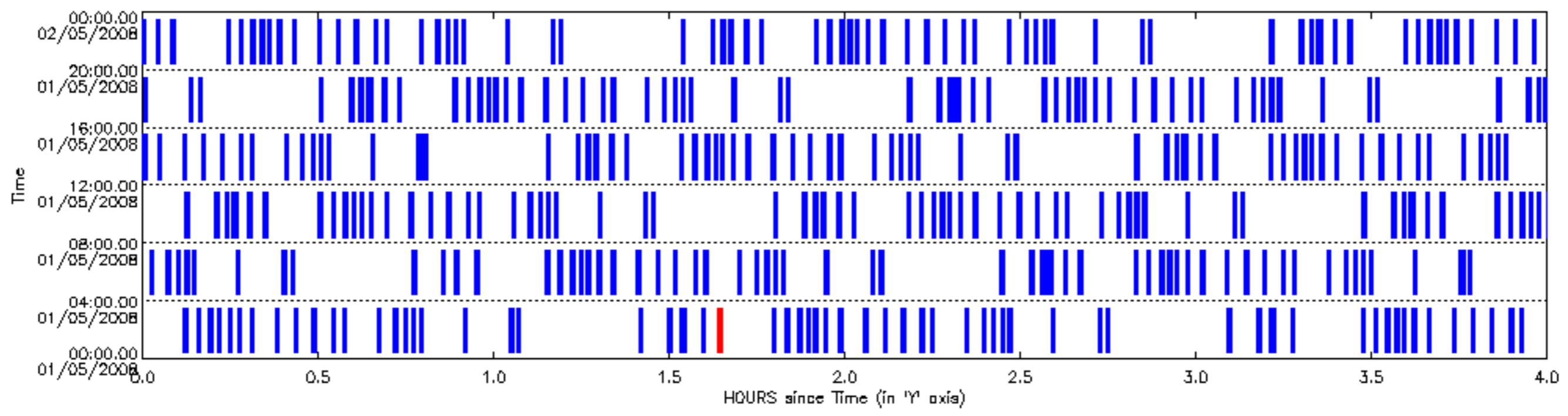
Lower curve: STD of SATU X axis



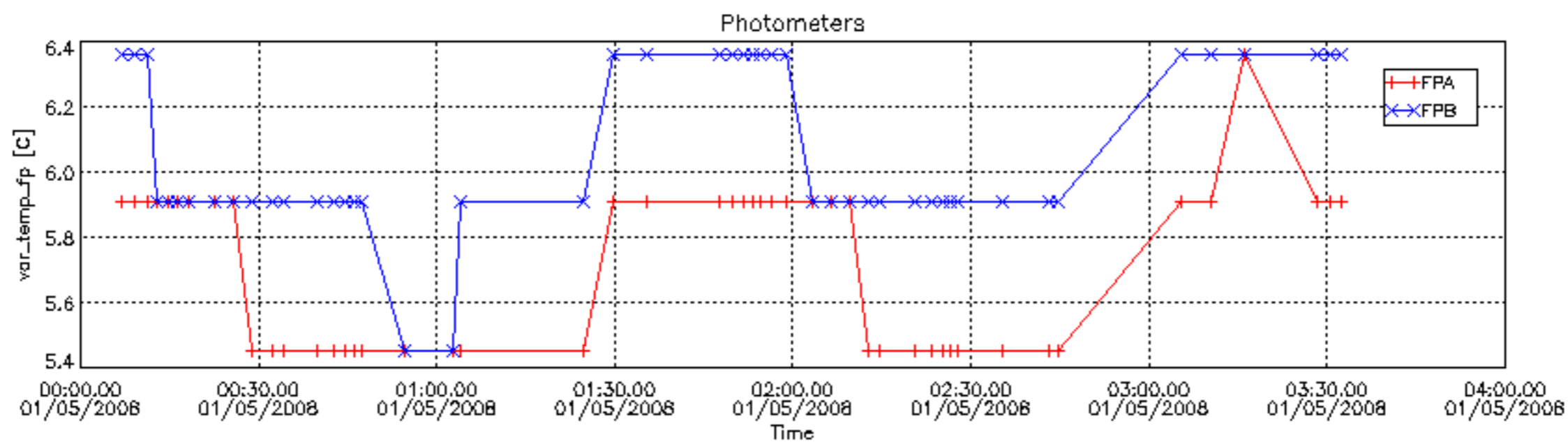
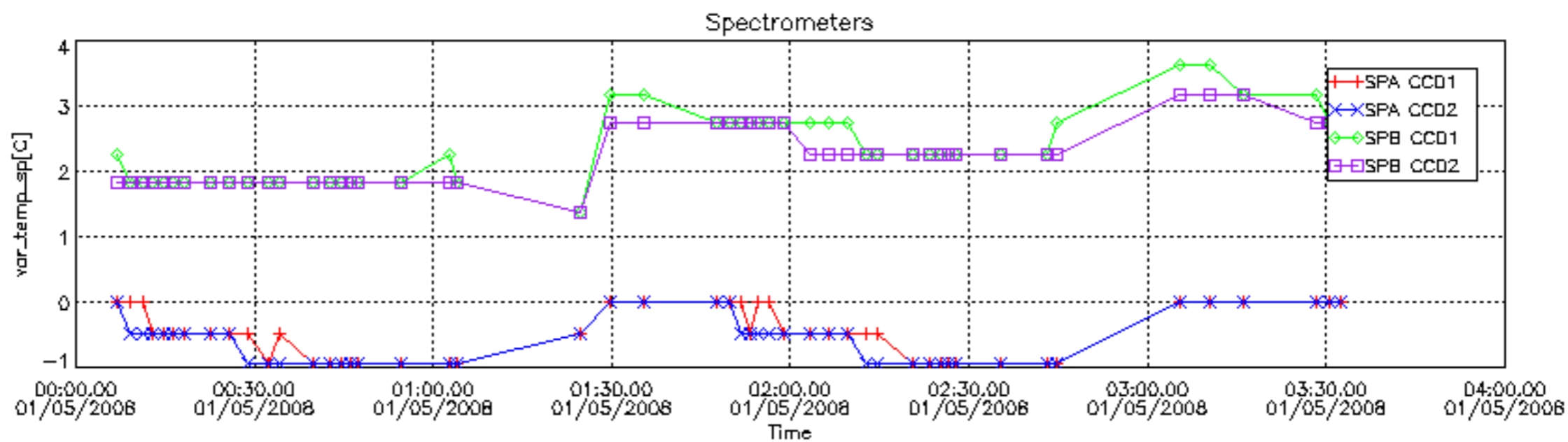
### 8. Auxiliary Data Files used for the production reported in section 2.4

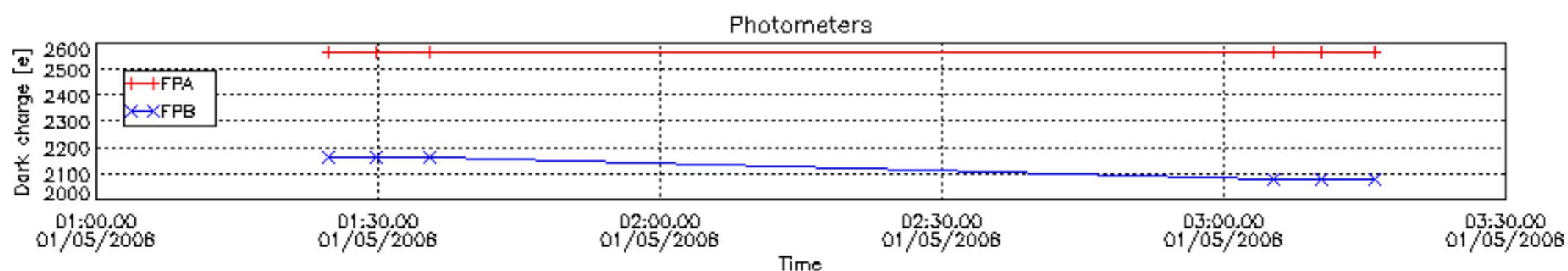
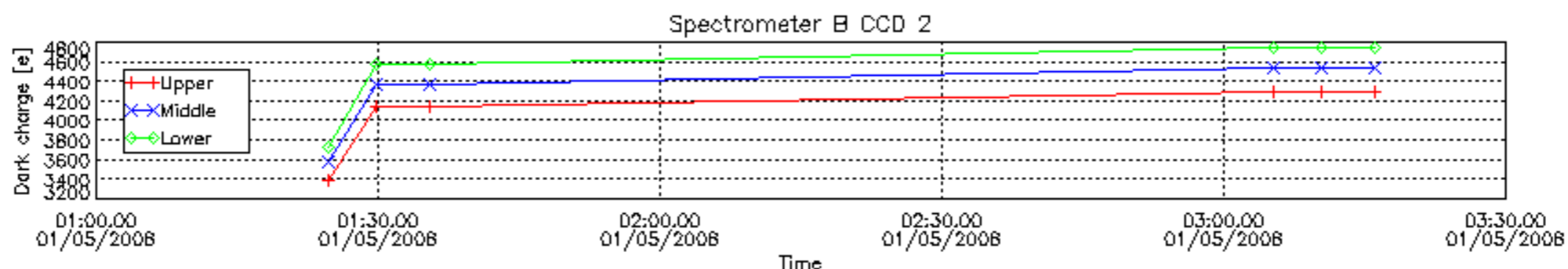
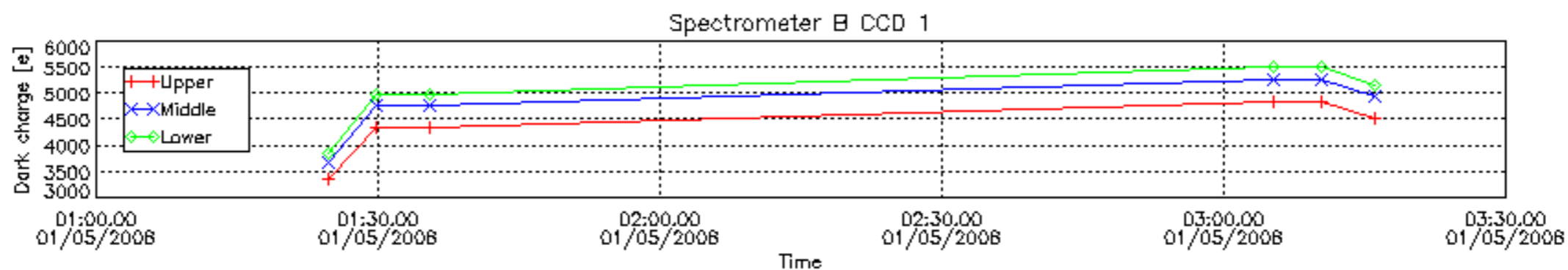
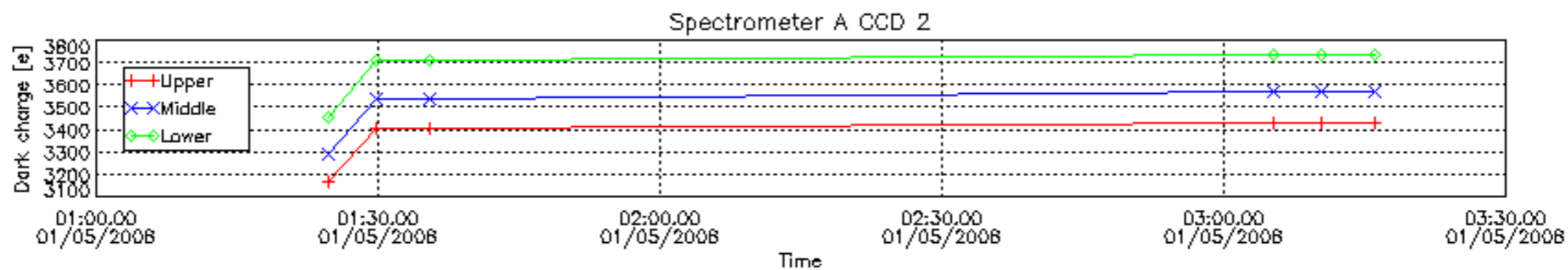
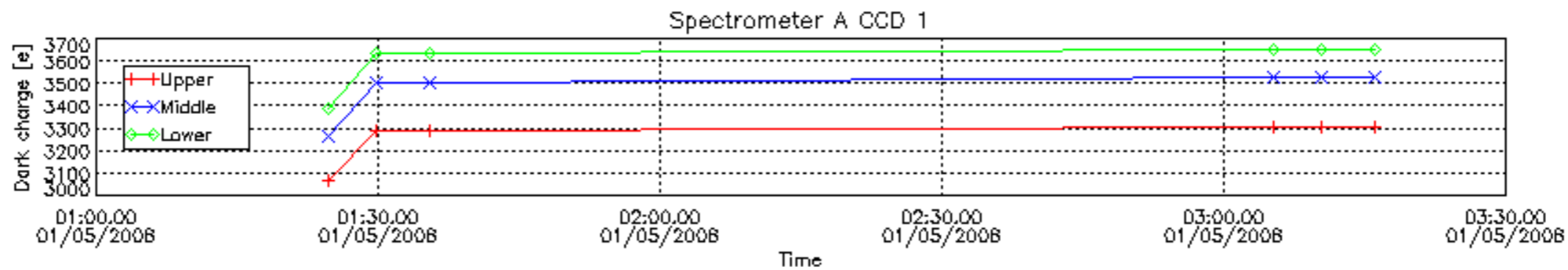
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

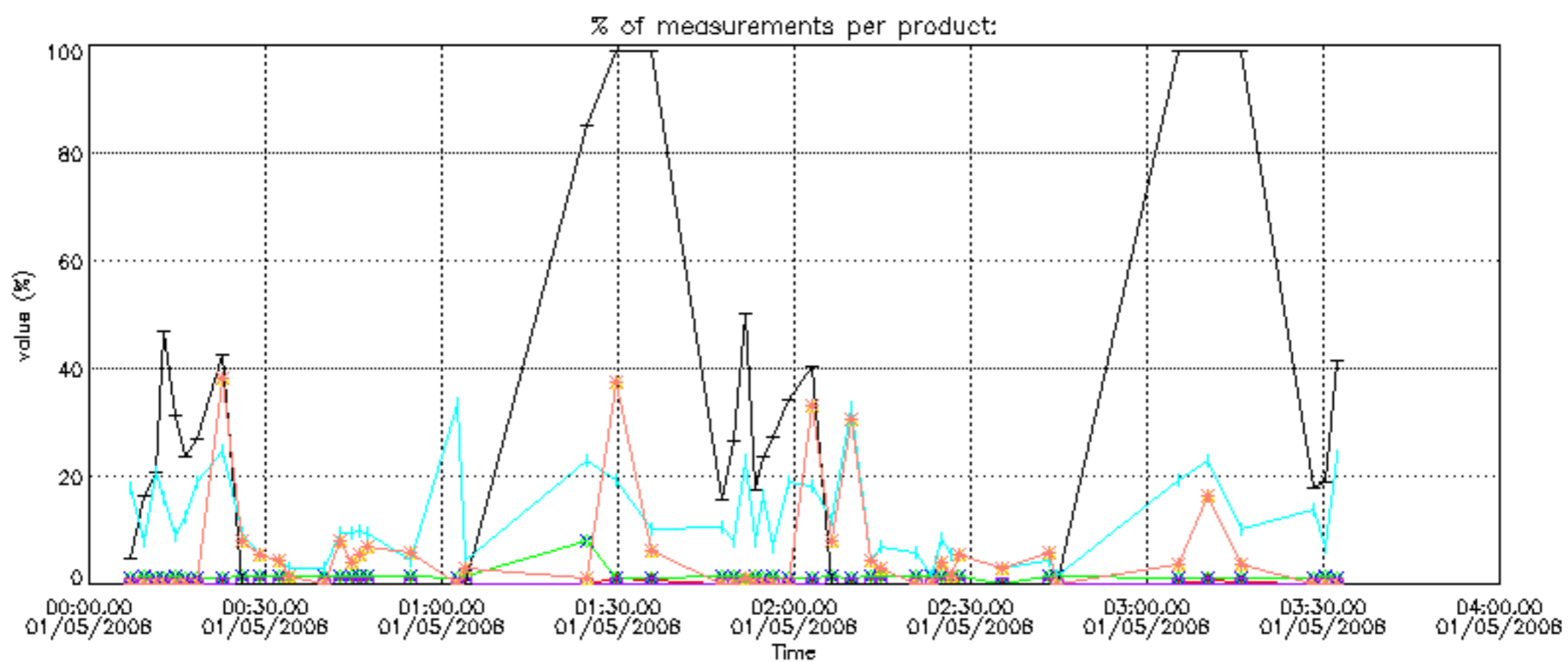
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CALIBRATION_DATABASE	GOM_CAL_AXVIEC20080424_075418_20080422_000000_20100101_000000	1	01-MAY-2008 00:06:58
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	01-MAY-2008 00:06:58
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	01-MAY-2008 00:06:58
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	01-MAY-2008 00:06:58
ECMWF_FILE	AUX_ECF_AXNECM20080430_081123_20080430_210000_20080501_090000	1	01-MAY-2008 00:06:58
OPTIONAL_ECMWF_FILE	MISSING	1	01-MAY-2008 00:06:58
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080430_220123_000057382068_00129_32247_5438.N1	1	01-MAY-2008 00:06:58
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080430_234220_000057382068_00130_32248_5439.N1	21	01-MAY-2008 01:24:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080501_012317_000041442068_00131_32249_5440.N1	42	01-MAY-2008 02:43:14



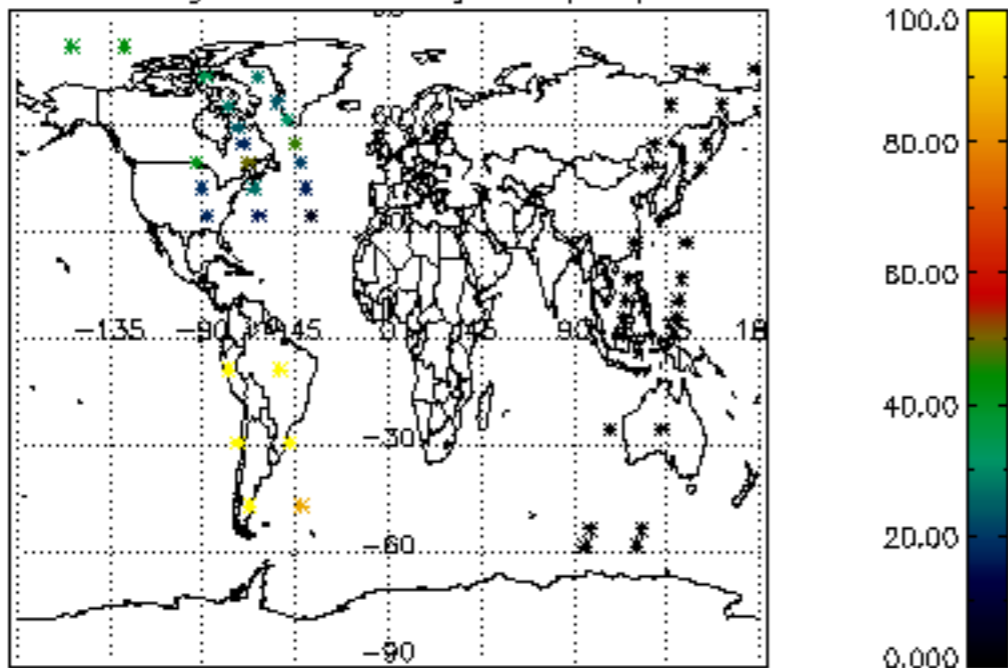




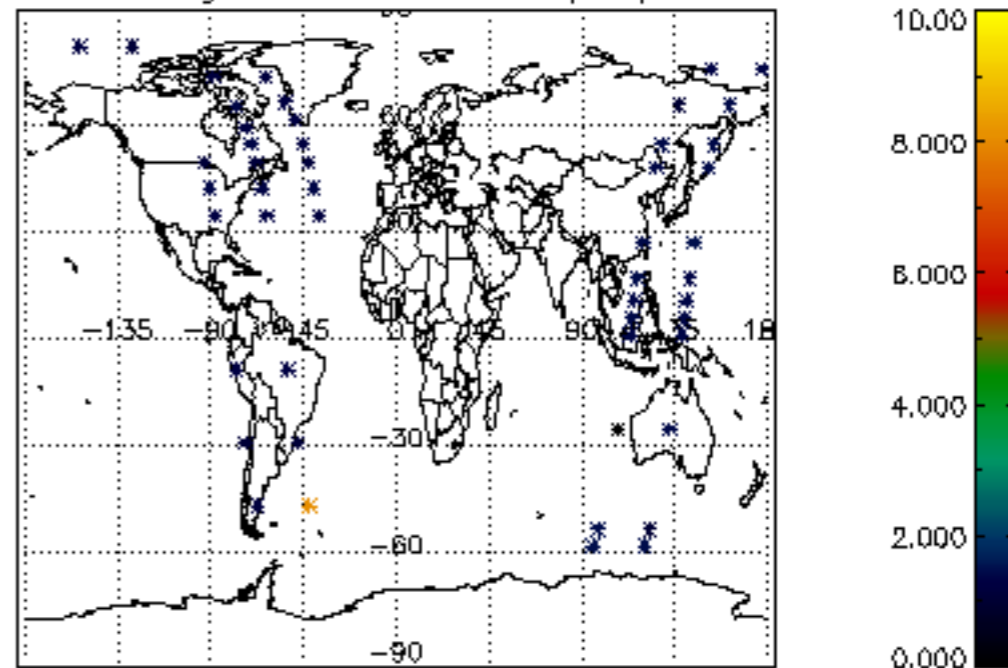




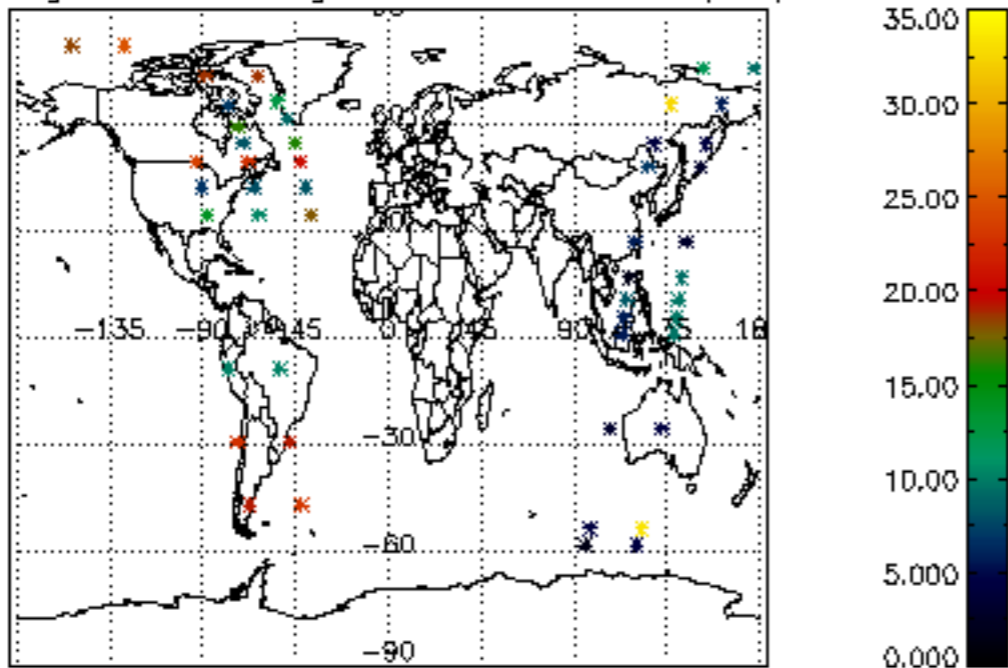
Percentage of cosmic ray hits per profile



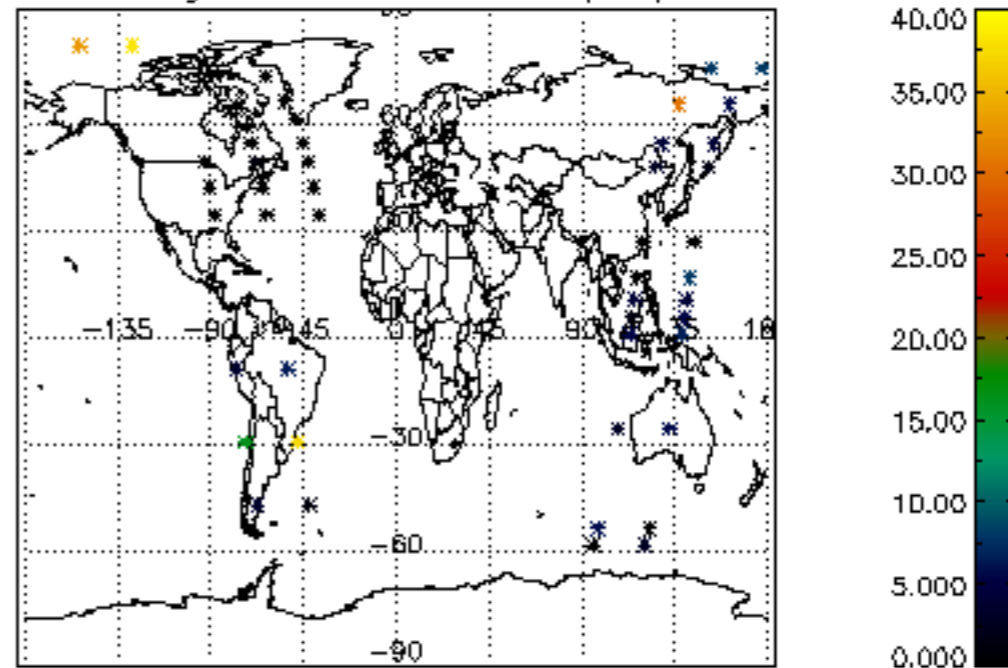
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

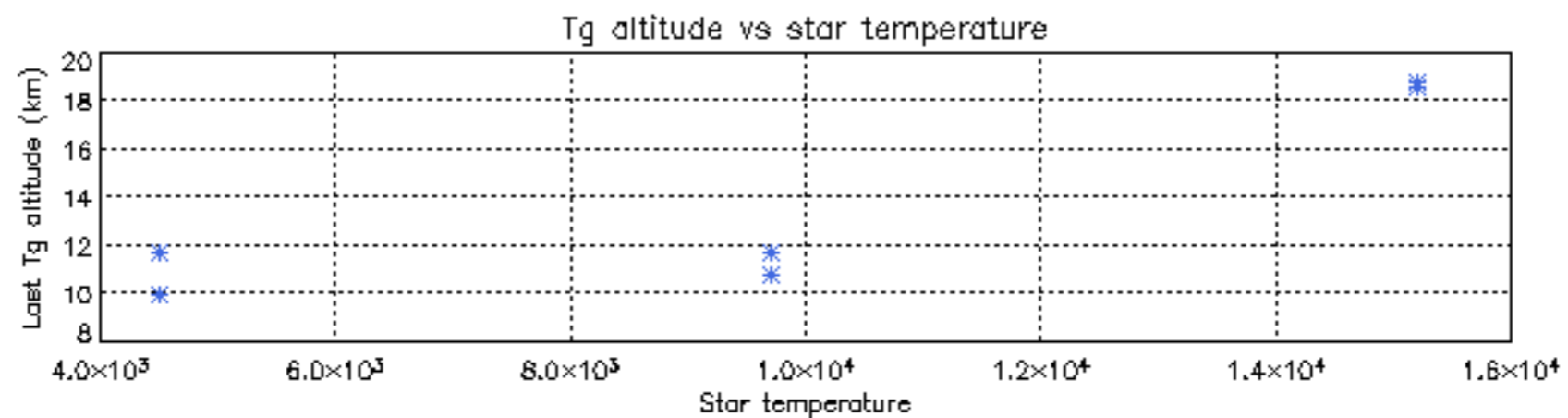
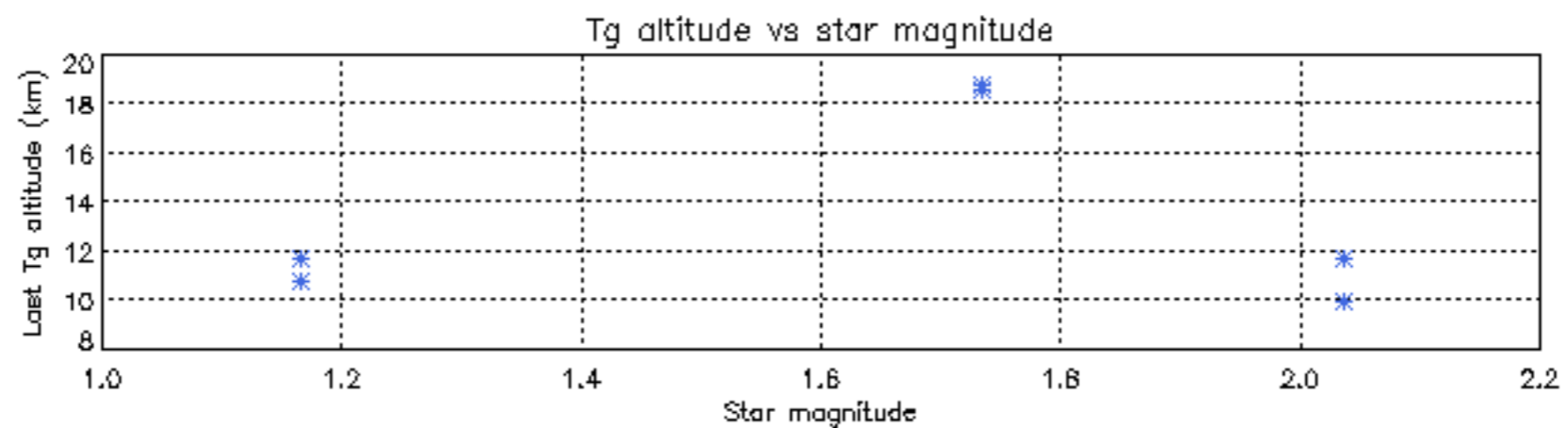
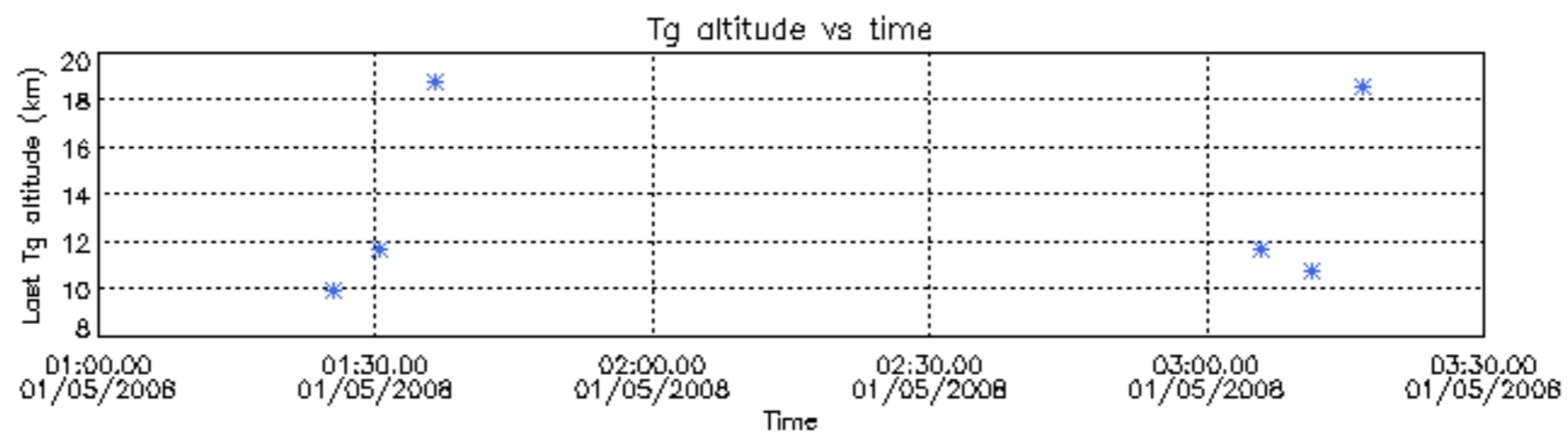


Percentage of saturation errors per profile

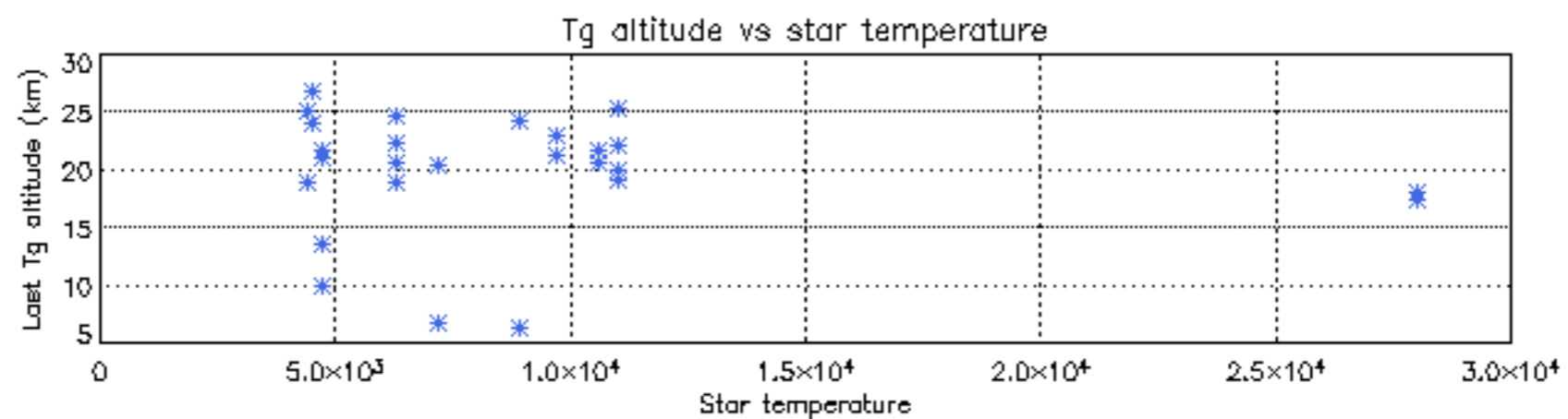
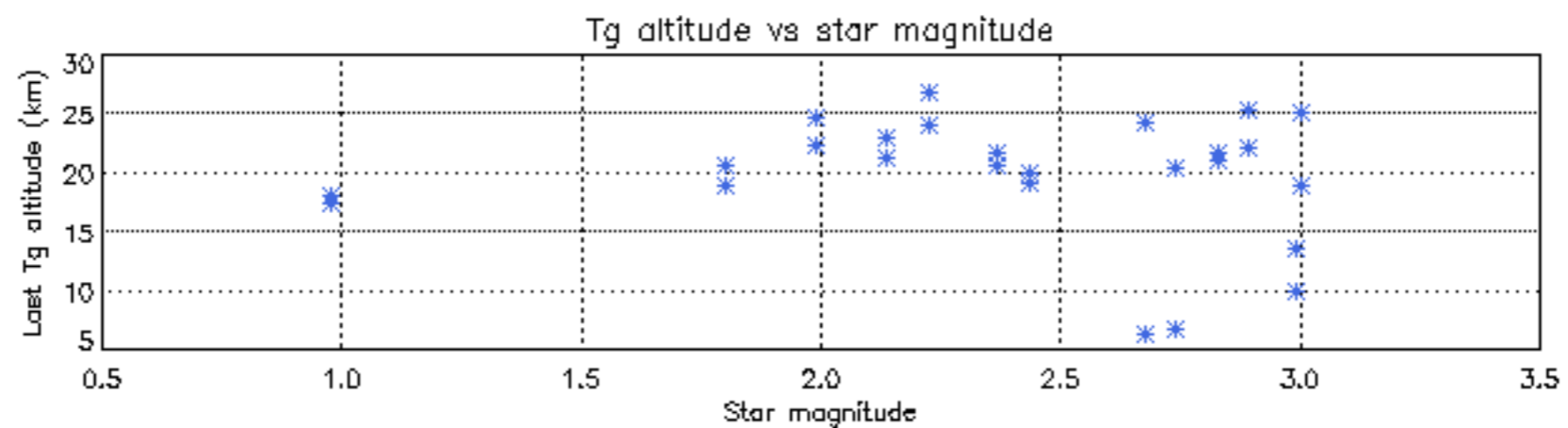
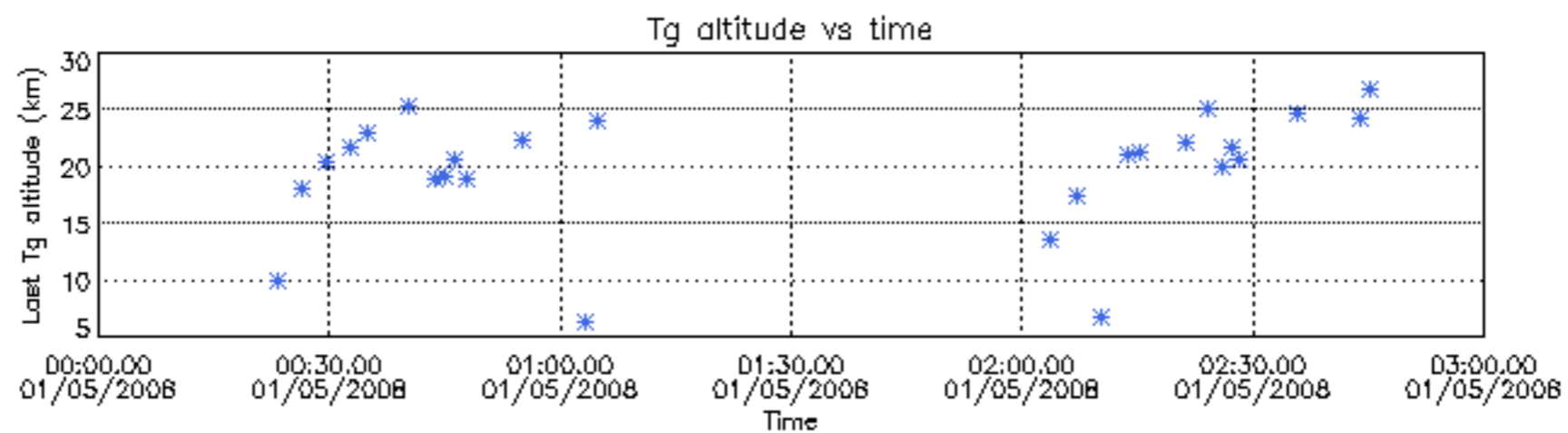


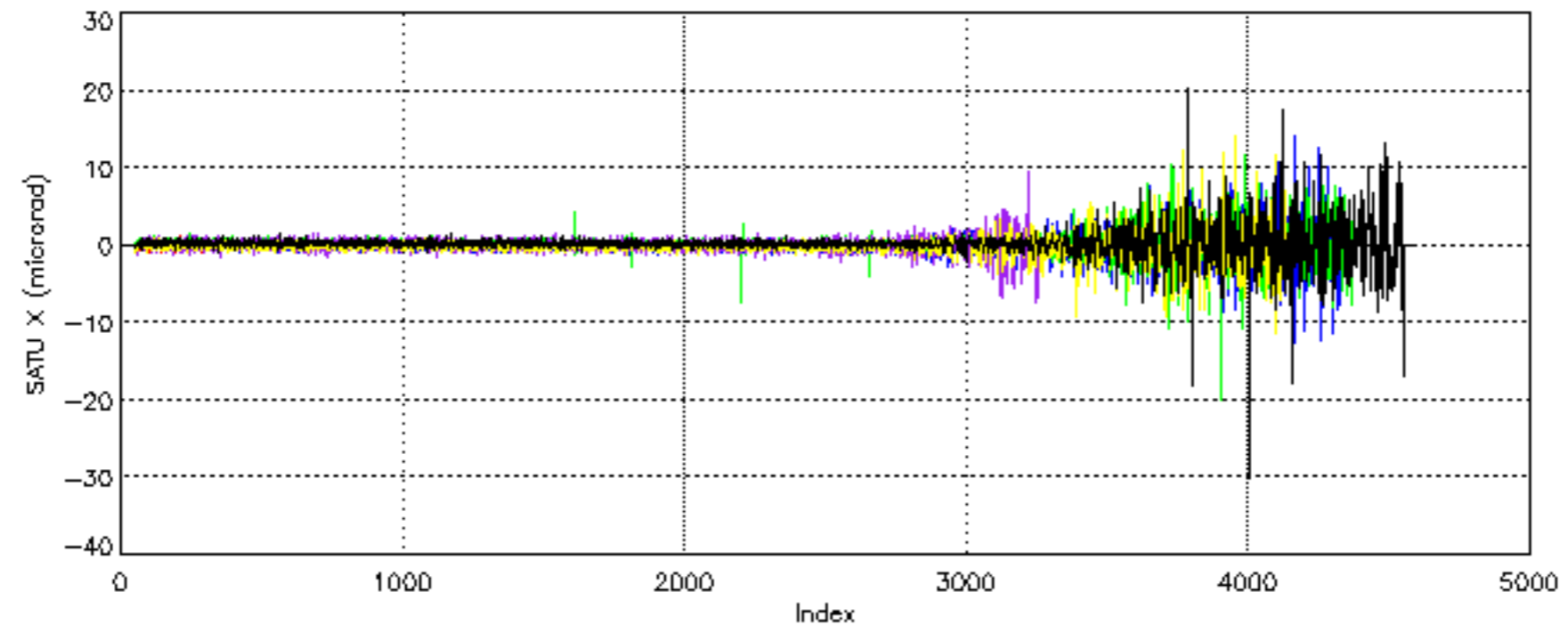


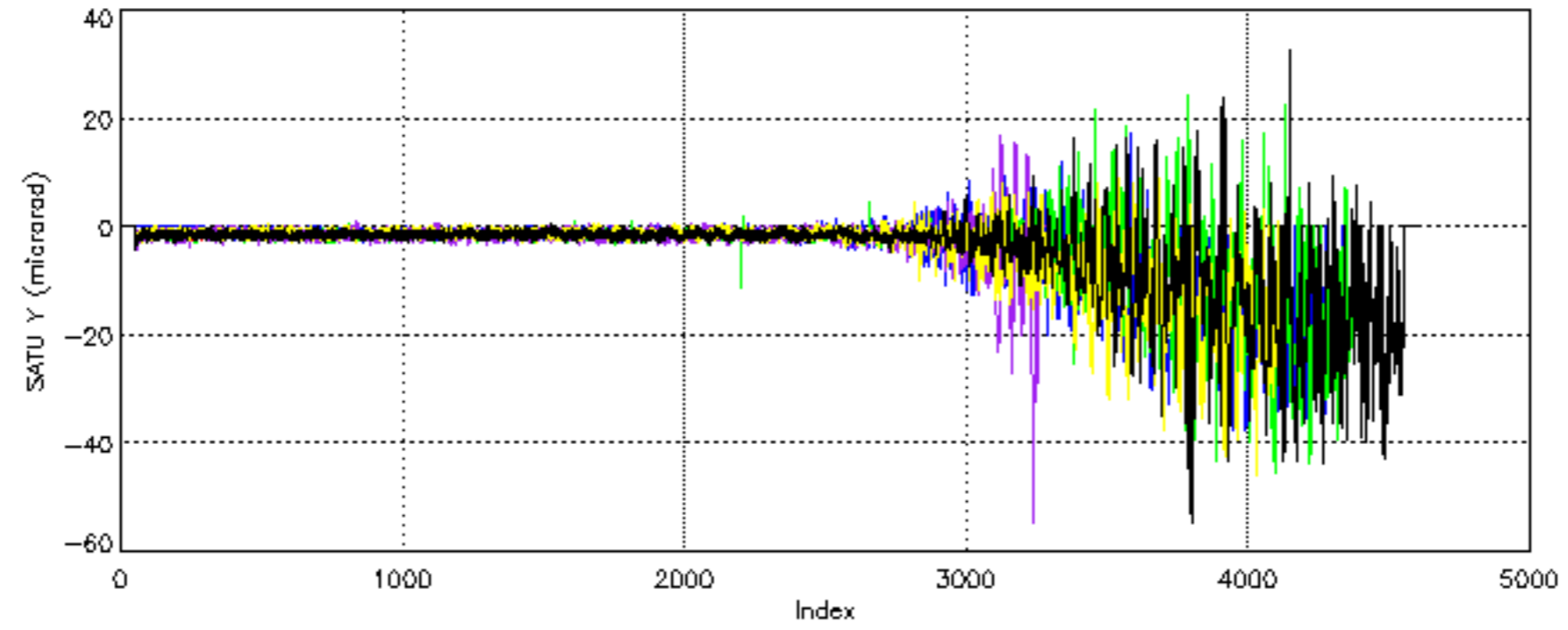
Tangent altitude at which the star is lost



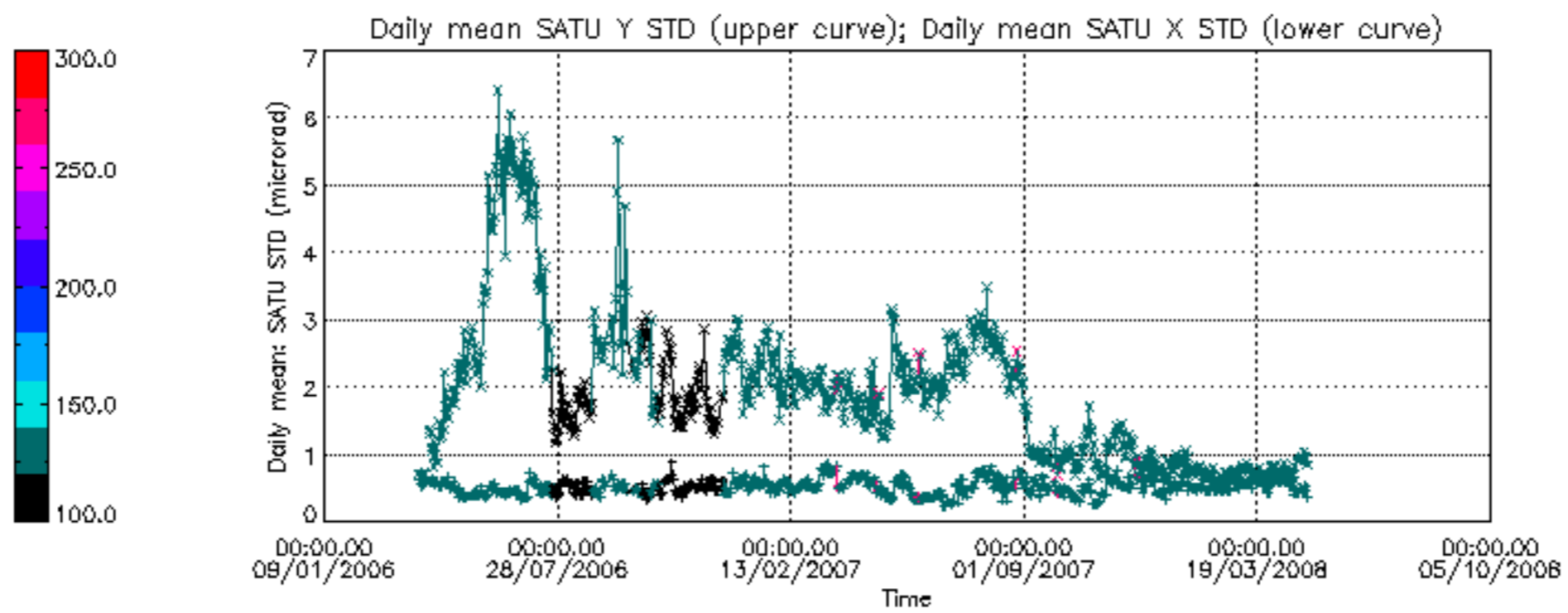
Tangent altitude at which the star is lost











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16; 2109.5; 08-MAY-2008 23:40:45; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32363
17; 2221.6; 08-MAY-2008 23:42:37; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32363
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 23; 6895.6; 08-MAY-2008 09:55:08; Dark ; 39.0; 4; Alp1Cen ; -0.01; 5800;occ; 78; 0;32354  
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 5; 2566.9; 09-MAY-2008 14:53:46; Bright; 33.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 67; 0;32372  
 6; 2750.2; 09-MAY-2008 14:56:49; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;32372  
 7; 2840.6; 09-MAY-2008 14:58:20; Bright; 34.5; 55; 79Zet UMa ; 2.06; 10200;occ; 69; 0;32372  
 8; 3031.3; 09-MAY-2008 15:01:30; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;32372  
 9; 3195.8; 09-MAY-2008 15:04:15; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32372  
 10; 3445.9; 09-MAY-2008 15:08:25; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32372  
 11; 3935.0; 09-MAY-2008 15:16:34; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32372  
 12; 4009.7; 09-MAY-2008 15:17:49; Bright; 34.5; 68; 18Alp Cas ; 2.22; 4500;occ; 69; 0;32372  
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 21; 6303.1; 09-MAY-2008 15:56:02; Dark ; 39.5; 45; Alp Pav ; 1.94; 26000;occ; 79; 0;32372  
 22; 6657.2; 09-MAY-2008 16:01:56; Dark ; 40.5; 43; Alp TrA ; 1.91; 4250;occ; 81; 0;32372  
 23; 6788.9; 09-MAY-2008 16:04:08; Dark ; 38.0; 134; Bet TrA ; 2.81; 6600;occ; 76; 0;32372  
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 26; 7201.9; 09-MAY-2008 16:11:01; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;32372  
 27; 7320.4; 09-MAY-2008 16:13:00; Dark ; 3.0; 54; 5The Cen ; 2.06; 4500;occ; 6; 0;32372

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 3; 1605.3; 09-MAY-2008 16:18:20; Bright; 40.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 80; 0;32373  
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 5; 2111.3; 09-MAY-2008 16:26:46; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32373  
 6; 2221.5; 09-MAY-2008 16:28:37; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32373  
 7; 2566.9; 09-MAY-2008 16:34:22; Bright; 34.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 68; 0;32373  
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 10; 3031.5; 09-MAY-2008 16:42:07; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;32373  
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 12; 3445.8; 09-MAY-2008 16:49:01; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32373  
 13; 3935.0; 09-MAY-2008 16:57:10; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32373  
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 16; 4740.8; 09-MAY-2008 17:10:36; Dark ; 39.0; 140; 88Gam Peg ; 2.83; 26000;occ; 78; 0;32373  
 17; 5265.2; 09-MAY-2008 17:19:20; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32373  
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 19; 5763.7; 09-MAY-2008 17:27:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32373  
 20; 5889.8; 09-MAY-2008 17:29:45; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;32373  
 21; 5968.4; 09-MAY-2008 17:31:04; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;32373  
 22; 6096.9; 09-MAY-2008 17:33:12; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32373  
 23; 6303.8; 09-MAY-2008 17:36:39; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32373  
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 25; 6789.3; 09-MAY-2008 17:44:44; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32373  
 26; 6899.9; 09-MAY-2008 17:46:35; Dark ; 49.0; 4; Alp1Cen ; -0.01; 5800;occ; 98; 0;32373  
 27; 7111.0; 09-MAY-2008 17:50:06; Dark ; 38.5; 78; Alp Lup ; 2.30; 28000;occ; 77; 0;32373  
 28; 7202.0; 09-MAY-2008 17:51:37; Dark ; 18.5; 81; Eta Cen ; 2.36; 28000;occ; 37; 0;32373

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5; 1730.6; 09-MAY-2008 18:01:02; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;32374
6; 2111.4; 09-MAY-2008 18:07:23; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32374
7; 2221.4; 09-MAY-2008 18:09:13; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32374
8; 2567.0; 09-MAY-2008 18:14:58; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;32374
9; 2749.9; 09-MAY-2008 18:18:01; Bright; 35.5; 39; 85Eta UMA ; 1.85; 24000;occ; 71; 0;32374
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13; 3445.8; 09-MAY-2008 18:29:37; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32374
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13; 3445.7; 09-MAY-2008 20:10:13; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;32375
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22; 5969.5; 09-MAY-2008 20:52:17; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;32375
23; 6097.6; 09-MAY-2008 20:54:25; Dark ; 43.5; 148; Alp Tuc ; 2.88; 4100;occ; 87; 0;32375
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25; 6657.9; 09-MAY-2008 21:03:45; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32375
26; 6789.7; 09-MAY-2008 21:05:57; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32375
27; 6900.1; 09-MAY-2008 21:07:47; Dark ; 43.5; 4; Alp1Cen ; -0.01; 5800;occ; 87; 0;32375
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6; 62.5; 10-MAY-2008 00:15:37; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32378
7; 270.5; 10-MAY-2008 00:19:05; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32378
8; 622.6; 10-MAY-2008 00:24:57; Dark ; 46.5; 43; Alp TrA ; 1.91; 4250;occ; 93; 0;32378
9; 754.3; 10-MAY-2008 00:27:09; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32378
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12; 1166.8; 10-MAY-2008 00:34:02; Dark ; 40.0; 81; Eta Cen ; 2.36; 28000;occ; 80; 0;32378
13; 1285.3; 10-MAY-2008 00:36:00; Dark ; 44.5; 54; 5The Cen ; 2.06; 4500;occ; 89; 0;32378

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15; 1731.1; 10-MAY-2008 00:43:26; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;32378
16; 2112.1; 10-MAY-2008 00:49:47; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32378
17; 2221.2; 10-MAY-2008 00:51:36; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32378
18; 2567.5; 10-MAY-2008 00:57:22; Bright; 33.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 67; 0;32378
19; 2749.4; 10-MAY-2008 01:00:24; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32378
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22; 3194.6; 10-MAY-2008 01:07:49; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32378
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4; 755.1; 10-MAY-2008 03:48:22; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32380
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8; 780.0; 16-MAY-2008 02:19:41; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32465
9; 881.2; 16-MAY-2008 02:21:22; Dark ; 47.5; 4; Alp1Cen ;-0.01; 5800;occ; 95; 0;32465
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 5; 108.4; 16-MAY-2008 22:15:41; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32477  
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 11; 1188.9; 16-MAY-2008 22:33:41; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;32477  
 12; 1303.9; 16-MAY-2008 22:35:36; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;32477  
 13; 1618.6; 16-MAY-2008 22:40:51; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32477  
 14; 1748.9; 16-MAY-2008 22:43:01; Bright; 37.0; 15; 67Alp Vir ; 0.98; 28000;occ; 74; 0;32477  
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 16; 2568.2; 16-MAY-2008 22:56:40; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32477  
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 18; 2842.9; 16-MAY-2008 23:01:15; Bright; 33.0; 55; 79Zet UMa ; 2.06; 10200;occ; 66; 0;32477  
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 15; 2224.0; 17-MAY-2008 00:31:32; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32478  
 16; 2568.1; 17-MAY-2008 00:37:16; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32478  
 17; 2745.4; 17-MAY-2008 00:40:13; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32478  
 18; 2843.0; 17-MAY-2008 00:41:51; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32478  
 19; 3181.0; 17-MAY-2008 00:47:29; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32478  
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 7; 104.1; 16-MAY-2008 07:10:13; Dark ; 46.0; 148; Alp Tuc ; 2.88; 4100;occ; 92; 0;32468  
 8; 333.5; 16-MAY-2008 07:14:02; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32468  
 9; 650.5; 16-MAY-2008 07:19:19; Dark ; 42.5; 43; Alp TrA ; 1.91; 4250;occ; 85; 0;32468



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13; 1187.3; 16-MAY-2008 07:28:16; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32468
14; 1302.4; 16-MAY-2008 07:30:11; Dark ; 44.5; 54; 5The Cen ; 2.06; 4500;occ; 89; 0;32468
15; 1617.5; 16-MAY-2008 07:35:26; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32468
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 3; 2223.5; 16-MAY-2008 07:45:32; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32468
 4; 2569.7; 16-MAY-2008 07:51:18; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32468
 5; 2745.5; 16-MAY-2008 07:54:14; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32468
 6; 2842.5; 16-MAY-2008 07:55:51; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32468
 7; 3182.3; 16-MAY-2008 08:01:31; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32468
 8; 3446.2; 16-MAY-2008 08:05:55; Bright; 32.0; 49; 1Alp UMi ; 1.99; 6300;occ; 64; 0;32468
 9; 3938.1; 16-MAY-2008 08:14:07; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32468
10; 4011.7; 16-MAY-2008 08:15:20; Bright; 53.0; 68; 18Alp Cas ; 2.22; 4500;occ; 106; 0;32468
11; 5291.3; 16-MAY-2008 08:36:40; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32468
12; 5578.6; 16-MAY-2008 08:41:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32468
13; 5699.7; 16-MAY-2008 08:43:28; Dark ; 41.5; 84; Alp Phe ; 2.40; 4500;occ; 83; 0;32468
14; 5947.4; 16-MAY-2008 08:47:36; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;32468
15; 6140.5; 16-MAY-2008 08:50:49; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32468
16; 6370.1; 16-MAY-2008 08:54:39; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32468
17; 6686.7; 16-MAY-2008 08:59:56; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32468
18; 6817.2; 16-MAY-2008 09:02:06; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32468
19; 6918.0; 16-MAY-2008 09:03:47; Dark ; 50.0; 4; Alp1Cen ;-0.01; 5800;occ; 100; 0;32468
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21; 7223.4; 16-MAY-2008 09:08:52; Dark ; 40.0; 81; Eta Cen ; 2.36; 28000;occ; 80; 0;32468
22; 7338.5; 16-MAY-2008 09:10:47; Dark ; 41.0; 54; 5The Cen ; 2.06; 4500;occ; 82; 0;32468
23; 7653.6; 16-MAY-2008 09:16:02; Bright; 37.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 75; 0;32468
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 3; 2223.7; 16-MAY-2008 09:26:08; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32469
 4; 2569.4; 16-MAY-2008 09:31:54; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32469
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10; 4011.7; 16-MAY-2008 09:55:56; Bright; 41.0; 68; 18Alp Cas ; 2.22; 4500;occ; 82; 0;32469
11; 5291.6; 16-MAY-2008 10:17:16; Dark ; 41.0; 52; 16Bet Cet ; 2.04; 4500;occ; 82; 0;32469
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14; 5948.0; 16-MAY-2008 10:28:13; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;32469
15; 6141.0; 16-MAY-2008 10:31:26; Dark ; 46.5; 148; Alp Tuc ; 2.88; 4100;occ; 93; 0;32469
16; 6370.8; 16-MAY-2008 10:35:15; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32469
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18; 6817.3; 16-MAY-2008 10:42:42; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32469
19; 6918.2; 16-MAY-2008 10:44:23; Dark ; 40.5; 4; Alp1Cen ;-0.01; 5800;occ; 81; 0;32469
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22; 7338.6; 16-MAY-2008 10:51:23; Dark ; 43.5; 54; 5The Cen ; 2.06; 4500;occ; 87; 0;32469
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 9; 3938.0; 16-MAY-2008 11:35:19; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32470
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11; 5291.8; 16-MAY-2008 11:57:52; Dark ; 41.5; 52; 16Bet Cet ; 2.04; 4500;occ; 83; 0;32470

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 22; 7224.0; 16-MAY-2008 14:10:40; Dark ; 37.0; 81; Eta Cen ; 2.36; 28000;occ; 74; 0;32471  
 23; 7339.0; 16-MAY-2008 14:12:35; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32471

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 3; 2133.1; 16-MAY-2008 14:26:25; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32472  
 4; 2223.7; 16-MAY-2008 14:27:56; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32472  
 5; 2569.2; 16-MAY-2008 14:33:41; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32472  
 6; 2745.6; 16-MAY-2008 14:36:38; Bright; 33.5; 39; 85Eta UMa ; 1.85; 24000;occ; 67; 0;32472  
 7; 2842.7; 16-MAY-2008 14:38:15; Bright; 33.5; 55; 79Zet UMa ; 2.06; 10200;occ; 67; 0;32472  
 8; 3181.9; 16-MAY-2008 14:43:54; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32472  
 9; 3446.4; 16-MAY-2008 14:48:19; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32472  
 10; 3938.3; 16-MAY-2008 14:56:31; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32472  
 11; 4011.7; 16-MAY-2008 14:57:44; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;32472  
 12; 5292.7; 16-MAY-2008 15:19:05; Dark ; 40.5; 52; 16Bet Cet ; 2.04; 4500;occ; 81; 0;32472  
 13; 5579.5; 16-MAY-2008 15:23:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32472  
 14; 5701.1; 16-MAY-2008 15:25:53; Dark ; 42.5; 84; Alp Phe ; 2.40; 4500;occ; 85; 0;32472  
 15; 5950.0; 16-MAY-2008 15:30:02; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;32472  
 16; 6142.4; 16-MAY-2008 15:33:15; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32472  
 17; 6372.9; 16-MAY-2008 15:37:05; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32472  
 18; 6687.9; 16-MAY-2008 15:42:20; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32472  
 19; 6818.2; 16-MAY-2008 15:44:31; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32472  
 20; 6918.7; 16-MAY-2008 15:46:11; Dark ; 45.0; 4; Alp1Cen ;-0.01; 5800;occ; 90; 0;32472  
 21; 7134.0; 16-MAY-2008 15:49:46; Dark ; 36.5; 78; Alp Lup ; 2.30; 28000;occ; 73; 0;32472  
 22; 7224.1; 16-MAY-2008 15:51:16; Dark ; 38.0; 81; Eta Cen ; 2.36; 28000;occ; 76; 0;32472  
 23; 7339.2; 16-MAY-2008 15:53:12; Dark ; 39.0; 54; 5The Cen ; 2.06; 4500;occ; 78; 0;32472

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 3; 1748.1; 16-MAY-2008 16:00:36; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;32473  
 4; 2133.3; 16-MAY-2008 16:07:02; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32473  
 5; 2223.8; 16-MAY-2008 16:08:32; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;32473  
 6; 2569.0; 16-MAY-2008 16:14:17; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32473  
 7; 2745.6; 16-MAY-2008 16:17:14; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32473

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9; 3181.7; 16-MAY-2008 16:24:30; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32473
10; 3446.3; 16-MAY-2008 16:28:55; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32473
11; 3938.4; 16-MAY-2008 16:37:07; Bright; 33.0; 76; 27Gam Cas ; 2.30; 30000;occ; 66; 0;32473
12; 4011.7; 16-MAY-2008 16:38:20; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32473
13; 5293.0; 16-MAY-2008 16:59:41; Dark ; 43.0; 52; 16Bet Cet ; 2.04; 4500;occ; 86; 0;32473
14; 5579.7; 16-MAY-2008 17:04:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32473
15; 5701.3; 16-MAY-2008 17:06:30; Dark ; 38.0; 84; Alp Phe ; 2.40; 4500;occ; 76; 0;32473
16; 5950.7; 16-MAY-2008 17:10:39; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32473
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18; 6373.7; 16-MAY-2008 17:17:42; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32473
19; 6688.2; 16-MAY-2008 17:22:57; Dark ; 37.5; 43; Alp TrA ; 1.91; 4250;occ; 75; 0;32473
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3; 769.2; 17-MAY-2008 03:28:29; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32480
4; 949.6; 17-MAY-2008 03:31:29; Dark ; 49.5; 178; Iot1Sco ; 3.02; 6550;occ; 99; 0;32480
5; 1040.4; 17-MAY-2008 03:33:00; Dark ; 49.0; 115; 34Ups Sco ; 2.70; 26000;occ; 98; 0;32480
6; 1174.3; 17-MAY-2008 03:35:14; Dark ; 53.0; 75; 26Eps Sco ; 2.29; 4250;occ; 106; 0;32480
7; 1357.1; 17-MAY-2008 03:38:17; Dark ; 55.5; 16; 21Alp Sco ; 1.02; 3000;occ; 111; 0;32480
8; 1511.0; 17-MAY-2008 03:40:51; Bright; 56.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 113; 0;32480
9; 1619.0; 17-MAY-2008 03:42:39; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32480
10; 1728.8; 17-MAY-2008 03:44:29; Bright; 39.5; 104; 27Bet Lib ; 2.61; 13100;occ; 79; 0;32480
11; 2042.1; 17-MAY-2008 03:49:42; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32480
12; 2234.5; 17-MAY-2008 03:52:54; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;32480
13; 2379.5; 17-MAY-2008 03:55:19; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;32480
14; 2568.1; 17-MAY-2008 03:58:28; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32480
15; 2745.6; 17-MAY-2008 04:01:25; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32480
16; 3082.7; 17-MAY-2008 04:07:03; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32480
17; 3181.0; 17-MAY-2008 04:08:41; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32480
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3;-1517.6; 17-MAY-2008 04:30:58; Dark ; 42.0; 58; 21Alp And ; 2.07; 11000;occ; 84; 0;32480
4;-1265.4; 17-MAY-2008 04:35:10; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32480
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8; 10.5; 17-MAY-2008 04:56:26; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32481
9; 110.4; 17-MAY-2008 04:58:06; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32481
10; 342.6; 17-MAY-2008 05:01:58; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32481
11; 769.7; 17-MAY-2008 05:09:06; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32481
12; 950.2; 17-MAY-2008 05:12:06; Dark ; 49.5; 178; Iot1Sco ; 3.02; 6550;occ; 99; 0;32481
13; 1040.9; 17-MAY-2008 05:13:37; Dark ; 49.5; 115; 34Ups Sco ; 2.70; 26000;occ; 99; 0;32481
14; 1174.7; 17-MAY-2008 05:15:50; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32481
15; 1357.4; 17-MAY-2008 05:18:53; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32481
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19; 2041.8; 17-MAY-2008 05:30:18; Bright; 43.0; 102; 24Alp Ser ; 2.60; 4250;occ; 86; 0;32481
20; 2234.5; 17-MAY-2008 05:33:30; Bright; 34.5; 3; 16Alp Boo ;-0.05; 4250;occ; 69; 0;32481
21; 2379.3; 17-MAY-2008 05:35:55; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;32481
22; 2567.8; 17-MAY-2008 05:39:04; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32481
23; 2745.7; 17-MAY-2008 05:42:01; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32481
24; 3082.2; 17-MAY-2008 05:47:38; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32481
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5; 1512.5; 17-MAY-2008 20:26:52; Bright; 43.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 86; 0;32490  
6; 1620.2; 17-MAY-2008 20:28:40; Bright; 37.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 75; 0;32490  
7; 1729.2; 17-MAY-2008 20:30:29; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;32490  
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9; 2234.4; 17-MAY-2008 20:38:54; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;32490  
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19; 4773.7; 17-MAY-2008 21:21:13; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32490  
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6; 115.3; 17-MAY-2008 21:44:11; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32491  
7; 349.7; 17-MAY-2008 21:48:05; Dark ; 40.0; 45; Alp Pav ; 1.94; 26000;occ; 80; 0;32491  
8; 774.6; 17-MAY-2008 21:55:10; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32491  
9; 932.4; 17-MAY-2008 21:57:48; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32491  
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16; 2039.2; 17-MAY-2008 22:16:14; Bright; 42.0; 102; 24Alp Ser ; 2.60; 4250;occ; 84; 0;32491  
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19; 2566.5; 17-MAY-2008 22:25:02; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32491  
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21; 3077.7; 17-MAY-2008 22:33:33; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32491  
22; 3179.6; 17-MAY-2008 22:35:15; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32491  
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8; 775.0; 17-MAY-2008 23:35:46; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32492  
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 20; 6382.8; 17-MAY-2008 15:05:38; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32486  
 21; 6808.5; 17-MAY-2008 15:12:44; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32486  
 22; 6965.9; 17-MAY-2008 15:15:21; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;32486  
 23; 7077.7; 17-MAY-2008 15:17:13; Dark ; 35.0; 25; 35Lam Sco ; 1.62; 28000;occ; 70; 0;32486  
 24; 7213.3; 17-MAY-2008 15:19:29; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32486  
 25; 7395.2; 17-MAY-2008 15:22:31; Dark ; 18.0; 16; 21Alp Sco ; 1.02; 3000;occ; 36; 0;32486

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 4; 1729.1; 17-MAY-2008 15:28:40; Bright; 39.0; 104; 27Bet Lib ; 2.61; 13100;occ; 78; 0;32487  
 5; 2040.2; 17-MAY-2008 15:33:52; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32487  
 6; 2234.5; 17-MAY-2008 15:37:06; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32487  
 7; 2378.4; 17-MAY-2008 15:39:30; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32487  
 8; 2567.1; 17-MAY-2008 15:42:38; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32487  
 9; 2745.6; 17-MAY-2008 15:45:37; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32487  
 10; 3079.6; 17-MAY-2008 15:51:11; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32487  
 11; 3180.2; 17-MAY-2008 15:52:51; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32487  
 12; 3446.4; 17-MAY-2008 15:57:18; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32487  
 13; 3938.4; 17-MAY-2008 16:05:30; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;32487  
 14; 4011.8; 17-MAY-2008 16:06:43; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32487  
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 17; 5297.7; 17-MAY-2008 16:28:09; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32487  
 18; 5704.0; 17-MAY-2008 16:34:55; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;32487  
 19; 5811.5; 17-MAY-2008 16:36:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32487  
 20; 5960.0; 17-MAY-2008 16:39:11; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;32487  
 21; 6052.1; 17-MAY-2008 16:40:43; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32487  
 22; 6149.9; 17-MAY-2008 16:42:21; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32487  
 23; 6383.6; 17-MAY-2008 16:46:15; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32487  
 24; 6809.2; 17-MAY-2008 16:53:21; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32487  
 25; 6966.6; 17-MAY-2008 16:55:58; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;32487  
 26; 7078.4; 17-MAY-2008 16:57:50; Dark ; 38.0; 25; 35Lam Sco ; 1.62; 28000;occ; 76; 0;32487  
 27; 7213.8; 17-MAY-2008 17:00:05; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;32487

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 5; 1729.1; 17-MAY-2008 17:09:16; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32488  
 6; 2040.0; 17-MAY-2008 17:14:27; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32488  
 7; 2234.5; 17-MAY-2008 17:17:42; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32488  
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 9; 2566.9; 17-MAY-2008 17:23:14; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32488  
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 11; 3079.1; 17-MAY-2008 17:31:46; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;32488  
 12; 3180.0; 17-MAY-2008 17:33:27; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32488  
 13; 3446.5; 17-MAY-2008 17:37:54; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32488

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 15; 4011.7; 17-MAY-2008 17:47:19; Bright; 34.0; 68; 18Alp Cas ; 2.22; 4500;occ; 68; 0;32488  
 16; 4519.7; 17-MAY-2008 17:55:47; Dark ; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;32488  
 17; 4773.5; 17-MAY-2008 18:00:01; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32488  
 18; 5298.1; 17-MAY-2008 18:08:45; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32488  
 19; 5704.8; 17-MAY-2008 18:15:32; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;32488  
 20; 5812.0; 17-MAY-2008 18:17:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32488  
 21; 5960.7; 17-MAY-2008 18:19:48; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32488  
 22; 6052.8; 17-MAY-2008 18:21:20; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32488  
 23; 6150.4; 17-MAY-2008 18:22:58; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32488  
 24; 6384.3; 17-MAY-2008 18:26:52; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32488  
 25; 6809.6; 17-MAY-2008 18:33:57; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32488  
 26; 6967.3; 17-MAY-2008 18:36:35; Dark ; 36.0; 40; The Sco ; 1.86; 7100;occ; 72; 0;32488

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 4; 1359.9; 17-MAY-2008 18:43:43; Dark ; 58.0; 16; 21Alp Sco ; 1.02; 3000;occ; 116; 0;32489  
 5; 1512.3; 17-MAY-2008 18:46:16; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32489  
 6; 1620.0; 17-MAY-2008 18:48:03; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32489  
 7; 1729.1; 17-MAY-2008 18:49:52; Bright; 39.0; 104; 27Bet Lib ; 2.61; 13100;occ; 78; 0;32489  
 8; 2039.8; 17-MAY-2008 18:55:03; Bright; 42.0; 102; 24Alp Ser ; 2.60; 4250;occ; 84; 0;32489  
 9; 2234.5; 17-MAY-2008 18:58:18; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;32489  
 10; 2378.2; 17-MAY-2008 19:00:42; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32489  
 11; 2566.8; 17-MAY-2008 19:03:50; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32489  
 12; 2745.7; 17-MAY-2008 19:06:49; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32489  
 13; 3078.6; 17-MAY-2008 19:12:22; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;32489  
 14; 3180.0; 17-MAY-2008 19:14:03; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32489  
 15; 3446.3; 17-MAY-2008 19:18:30; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32489  
 16; 3938.4; 17-MAY-2008 19:26:42; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32489  
 17; 4011.7; 17-MAY-2008 19:27:55; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32489  
 18; 4519.8; 17-MAY-2008 19:36:23; Dark ; 45.0; 58; 21Alp And ; 2.07; 11000;occ; 90; 0;32489  
 19; 4773.2; 17-MAY-2008 19:40:37; Dark ; 42.5; 140; 88Gam Peg ; 2.83; 26000;occ; 85; 0;32489  
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 21; 5705.6; 17-MAY-2008 19:56:09; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;32489  
 22; 5812.4; 17-MAY-2008 19:57:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32489  
 23; 5961.3; 17-MAY-2008 20:00:25; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32489  
 24; 6053.5; 17-MAY-2008 20:01:57; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32489  
 25; 6150.8; 17-MAY-2008 20:03:34; Dark ; 41.0; 148; Alp Tuc ; 2.88; 4100;occ; 82; 0;32489  
 26; 6385.0; 17-MAY-2008 20:07:28; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32489  
 27; 6810.0; 17-MAY-2008 20:14:33; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32489

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 3; -222.1; 18-MAY-2008 00:59:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32492  
 4; -72.6; 18-MAY-2008 01:02:14; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;32492  
 5; 20.0; 18-MAY-2008 01:03:47; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32493  
 6; 116.3; 18-MAY-2008 01:05:23; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32493  
 7; 351.0; 18-MAY-2008 01:09:18; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32493  
 8; 775.5; 18-MAY-2008 01:16:22; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32493  
 9; 933.6; 18-MAY-2008 01:19:01; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32493  
 10; 1045.4; 18-MAY-2008 01:20:52; Dark ; 45.0; 25; 35Lam Sco ; 1.62; 28000;occ; 90; 0;32493  
 11; 1179.9; 18-MAY-2008 01:23:07; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32493  
 12; 1360.9; 18-MAY-2008 01:26:08; Dark ; 64.0; 16; 21Alp Sco ; 1.02; 3000;occ; 128; 0;32493  
 13; 1513.0; 18-MAY-2008 01:28:40; Bright; 44.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 89; 0;32493  
 14; 1620.6; 18-MAY-2008 01:30:28; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32493  
 15; 1729.5; 18-MAY-2008 01:32:16; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;32493  
 16; 2038.7; 18-MAY-2008 01:37:26; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32493  
 17; 2234.4; 18-MAY-2008 01:40:41; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32493  
 18; 2377.4; 18-MAY-2008 01:43:04; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32493  
 19; 2566.3; 18-MAY-2008 01:46:13; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32493  
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 21; 3076.8; 18-MAY-2008 01:54:44; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32493  
 22; 3179.4; 18-MAY-2008 01:56:26; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32493  
 23; 3446.3; 18-MAY-2008 02:00:53; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32493

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6; -326.9; 18-MAY-2008 02:38:36; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;32493
7; -221.7; 18-MAY-2008 02:40:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32493
8; -71.9; 18-MAY-2008 02:42:51; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;32493
9; 20.7; 18-MAY-2008 02:44:24; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32494
10; 116.8; 18-MAY-2008 02:46:00; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32494
11; 351.9; 18-MAY-2008 02:49:55; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32494
12; 776.1; 18-MAY-2008 02:56:59; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32494
13; 934.3; 18-MAY-2008 02:59:37; Dark ; 51.0; 40; The Sco ; 1.86; 7100;occ; 102; 0;32494
14; 1046.0; 18-MAY-2008 03:01:29; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32494
15; 1156.7; 18-MAY-2008 03:03:19; Dark ; 38.0; 131; Gam Lup ; 2.80; 26000;occ; 76; 0;32494
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22; 2377.5; 18-MAY-2008 03:23:40; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32494
23; 2566.3; 18-MAY-2008 03:26:49; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32494
24; 2745.7; 18-MAY-2008 03:29:49; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;32494
25; 3076.4; 18-MAY-2008 03:35:19; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32494
26; 3179.3; 18-MAY-2008 03:37:02; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32494
27; 3446.4; 18-MAY-2008 03:41:29; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32494
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16; 1361.5; 18-MAY-2008 04:47:20; Dark ; 62.5; 16; 21Alp Sco ; 1.02; 3000;occ; 125; 0;32495
17; 1513.3; 18-MAY-2008 04:49:52; Bright; 44.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 88; 0;32495
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24; 7218.4; 18-MAY-2008 11:26:45; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;32498
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4; 2376.5; 18-MAY-2008 13:27:15; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;32500
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7; 3073.7; 18-MAY-2008 13:38:52; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;32500
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9; 3446.5; 18-MAY-2008 13:45:05; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32500
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13; 4777.2; 18-MAY-2008 14:07:16; Dark ; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;32500
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21; 3176.5; 20-MAY-2008 00:53:10; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;32521
22; 3446.5; 20-MAY-2008 00:57:40; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32521
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9; 34.2; 19-MAY-2008 07:14:48; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32511
10; 363.8; 19-MAY-2008 07:20:18; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32511
11; 784.3; 19-MAY-2008 07:27:18; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32511

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 9; 3446.4; 19-MAY-2008 09:52:16; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32512
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23; 7224.2; 19-MAY-2008 10:55:14; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;32512
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 6; 2746.3; 19-MAY-2008 11:21:12; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32513
 7; 3177.4; 19-MAY-2008 11:28:23; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32513
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 9; 3938.0; 19-MAY-2008 11:41:04; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;32513
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11; 4523.8; 19-MAY-2008 11:50:49; Dark ; 45.0; 58; 21Alp And ; 2.07; 11000;occ; 90; 0;32513
12; 4781.1; 19-MAY-2008 11:55:07; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32513

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13; 3938.3; 19-MAY-2008 16:42:52; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32516  
14; 4011.1; 19-MAY-2008 16:44:04; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32516  
15; 4524.4; 19-MAY-2008 16:52:38; Dark ; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;32516  
16; 5308.2; 19-MAY-2008 17:05:41; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32516  
17; 5729.5; 19-MAY-2008 17:12:43; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;32516  
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21; 6404.0; 19-MAY-2008 17:23:57; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32516  
22; 6823.1; 19-MAY-2008 17:30:56; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32516  
23; 6984.2; 19-MAY-2008 17:33:38; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32516  
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11; 2563.6; 19-MAY-2008 18:00:33; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32517  
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13; 3066.4; 19-MAY-2008 18:08:56; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32517  
14; 3177.0; 19-MAY-2008 18:10:46; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32517  
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17; 4011.0; 19-MAY-2008 18:24:40; Bright; 54.0; 68; 18Alp Cas ; 2.22; 4500;occ; 108; 0;32517  
18; 4524.5; 19-MAY-2008 18:33:14; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 0;32517  
19; 4782.6; 19-MAY-2008 18:37:32; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32517  
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23; 5980.5; 19-MAY-2008 18:57:30; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;32517  
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25; 6404.7; 19-MAY-2008 19:04:34; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32517  
26; 6823.6; 19-MAY-2008 19:11:33; Dark ; 48.0; 141; Bet Ara ; 2.84; 4600;occ; 96; 0;32517  
27; 6984.7; 19-MAY-2008 19:14:14; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32517

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12; 2746.5; 19-MAY-2008 19:44:12; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;32518  
13; 3065.8; 19-MAY-2008 19:49:31; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32518  
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15; 3446.6; 19-MAY-2008 19:55:52; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32518  
16; 3938.1; 19-MAY-2008 20:04:03; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;32518  
17; 4011.0; 19-MAY-2008 20:05:16; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32518

18; 4524.7; 19-MAY-2008 20:13:50; Dark ; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;32518  
 19; 4782.9; 19-MAY-2008 20:18:08; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32518  
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 21; 5731.3; 19-MAY-2008 20:33:57; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;32518  
 22; 5826.5; 19-MAY-2008 20:35:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32518  
 23; 5981.1; 19-MAY-2008 20:38:06; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;32518  
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 26; 6823.9; 19-MAY-2008 20:52:09; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32518  
 27; 6985.1; 19-MAY-2008 20:54:50; Dark ; 17.5; 40; The Sco ; 1.86; 7100;occ; 35; 0;32518

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 3; -208.0; 20-MAY-2008 01:37:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32521  
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 6; 371.4; 20-MAY-2008 01:47:00; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32522  
 7; 789.3; 20-MAY-2008 01:53:58; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;32522  
 8; 950.9; 20-MAY-2008 01:56:40; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32522  
 9; 1062.4; 20-MAY-2008 01:58:31; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;32522  
 10; 1192.1; 20-MAY-2008 02:00:41; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32522  
 11; 1369.1; 20-MAY-2008 02:03:38; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32522  
 12; 1517.9; 20-MAY-2008 02:06:07; Bright; 43.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 86; 0;32522  
 13; 1624.6; 20-MAY-2008 02:07:54; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32522  
 14; 1731.1; 20-MAY-2008 02:09:40; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;32522  
 15; 2032.7; 20-MAY-2008 02:14:42; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32522  
 16; 2235.3; 20-MAY-2008 02:18:04; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;32522  
 17; 2373.9; 20-MAY-2008 02:20:23; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;32522  
 18; 2563.1; 20-MAY-2008 02:23:32; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32522  
 19; 2746.6; 20-MAY-2008 02:26:36; Bright; 49.5; 39; 85Eta UMa ; 1.85; 24000;occ; 99; 0;32522  
 20; 3064.1; 20-MAY-2008 02:31:53; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32522  
 21; 3176.4; 20-MAY-2008 02:33:45; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;32522  
 22; 3446.5; 20-MAY-2008 02:38:15; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32522  
 23; 3938.1; 20-MAY-2008 02:46:27; Bright; 23.0; 76; 27Gam Cas ; 2.30; 30000;occ; 46; 0;32522

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 8; -52.0; 20-MAY-2008 03:20:33; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;32522  
 9; 44.0; 20-MAY-2008 03:22:09; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32523  
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 11; 790.0; 20-MAY-2008 03:34:35; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32523  
 12; 951.7; 20-MAY-2008 03:37:17; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32523  
 13; 1063.2; 20-MAY-2008 03:39:08; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;32523  
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 16; 1517.9; 20-MAY-2008 03:46:43; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32523  
 17; 1625.0; 20-MAY-2008 03:48:30; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32523  
 18; 1731.3; 20-MAY-2008 03:50:16; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32523  
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 20; 2235.5; 20-MAY-2008 03:58:40; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;32523  
 21; 2373.9; 20-MAY-2008 04:00:59; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32523  
 22; 2563.1; 20-MAY-2008 04:04:08; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32523  
 23; 2746.8; 20-MAY-2008 04:07:12; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32523  
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21; 2373.8; 20-MAY-2008 05:41:35; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32524
22; 2563.1; 20-MAY-2008 05:44:44; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32524
23; 2746.9; 20-MAY-2008 05:47:48; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32524
24; 3063.4; 20-MAY-2008 05:53:04; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32524
25; 3176.4; 20-MAY-2008 05:54:57; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32524
26; 3446.7; 20-MAY-2008 05:59:28; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32524
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 21; 6413.2; 20-MAY-2008 15:11:54; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32529  
 22; 6829.3; 20-MAY-2008 15:18:50; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;32529  
 23; 6991.7; 20-MAY-2008 15:21:32; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32529  
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 23; 6829.7; 20-MAY-2008 16:59:26; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32530  
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16; 4010.5; 20-MAY-2008 19:33:39; Bright; 54.0; 68; 18Alp Cas ; 2.22; 4500;occ; 108; 0;32532
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13; 1626.6; 21-MAY-2008 01:36:19; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32536
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6; 2561.8; 21-MAY-2008 08:34:18; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32540
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9; 3446.6; 21-MAY-2008 08:49:02; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32540
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13; 4790.4; 21-MAY-2008 09:11:26; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32540
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6; 3056.3; 21-MAY-2008 10:23:08; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32541
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8; 3446.6; 21-MAY-2008 10:29:38; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32541
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17; 6421.6; 21-MAY-2008 11:19:13; Dark ; 40.0; 45; Alp Pav ; 1.94; 26000;occ; 80; 0;32541

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6; 1628.1; 21-MAY-2008 20:02:55; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32547  
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6; 389.9; 21-MAY-2008 21:22:53; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32548  
7; 801.4; 21-MAY-2008 21:29:45; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32548  
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9; 1076.9; 21-MAY-2008 21:34:20; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;32548  
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13; 1628.3; 21-MAY-2008 21:43:31; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32548  
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 3; 51.0; 21-MAY-2008 22:57:50; Dark ; 47.5; 172; Gam Gru ; 3.00; 13100;occ; 95; 0;32549  
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23; 3173.7; 22-MAY-2008 04:51:40; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32552
24; 3446.8; 22-MAY-2008 04:56:14; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32552
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 3; -1505.5; 22-MAY-2008 05:14:17; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;32552
 4; -1241.3; 22-MAY-2008 05:18:42; Dark ; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;32552
 5; -713.4; 22-MAY-2008 05:27:29; Dark ; 46.0; 52; 16Bet Cet ; 2.04; 4500;occ; 92; 0;32552
 6; -191.9; 22-MAY-2008 05:36:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32552
 7; -30.5; 22-MAY-2008 05:38:52; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;32552
 8; 55.8; 22-MAY-2008 05:40:19; Dark ; 50.0; 172; Gam Gru ; 3.00; 13100;occ; 100; 0;32553
 9; 147.1; 22-MAY-2008 05:41:50; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32553
10; 393.6; 22-MAY-2008 05:45:56; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32553
11; 803.8; 22-MAY-2008 05:52:47; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32553
12; 968.8; 22-MAY-2008 05:55:32; Dark ; 46.0; 40; The Sco ; 1.86; 7100;occ; 92; 0;32553
13; 1079.8; 22-MAY-2008 05:57:23; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32553
14; 1204.4; 22-MAY-2008 05:59:27; Dark ; 46.0; 75; 26Eps Sco ; 2.29; 4250;occ; 92; 0;32553
15; 1377.6; 22-MAY-2008 06:02:20; Dark ; 56.0; 16; 21Alp Sco ; 1.02; 3000;occ; 112; 0;32553
16; 1522.9; 22-MAY-2008 06:04:46; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32553
17; 1628.9; 22-MAY-2008 06:06:32; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32553
18; 1733.5; 22-MAY-2008 06:08:16; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32553
19; 1842.1; 22-MAY-2008 06:10:05; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;32553
20; 2027.2; 22-MAY-2008 06:13:10; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32553
21; 2237.2; 22-MAY-2008 06:16:40; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;32553
22; 2371.2; 22-MAY-2008 06:18:54; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32553
23; 2561.1; 22-MAY-2008 06:22:04; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32553
24; 3051.5; 22-MAY-2008 06:30:14; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32553
25; 3173.6; 22-MAY-2008 06:32:16; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32553
26; 3446.8; 22-MAY-2008 06:36:50; Bright; 31.5; 49; 1Alp UMi ; 1.99; 6300;occ; 63; 0;32553
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 4; -1240.9; 22-MAY-2008 06:59:18; Dark ; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;32553
 5; -712.9; 22-MAY-2008 07:08:06; Dark ; 47.5; 52; 16Bet Cet ; 2.04; 4500;occ; 95; 0;32553
 6; -191.4; 22-MAY-2008 07:16:47; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32553
 7; -29.7; 22-MAY-2008 07:19:29; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;32553
 8; 57.0; 22-MAY-2008 07:20:56; Dark ; 50.0; 172; Gam Gru ; 3.00; 13100;occ; 100; 0;32554
 9; 147.6; 22-MAY-2008 07:22:26; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32554
10; 394.3; 22-MAY-2008 07:26:33; Dark ; 39.5; 45; Alp Pav ; 1.94; 26000;occ; 79; 0;32554
11; 804.3; 22-MAY-2008 07:33:23; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;32554
12; 969.3; 22-MAY-2008 07:36:08; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32554
13; 1080.3; 22-MAY-2008 07:37:59; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32554
14; 1204.9; 22-MAY-2008 07:40:04; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;32554
15; 1377.9; 22-MAY-2008 07:42:57; Dark ; 54.5; 16; 21Alp Sco ; 1.02; 3000;occ; 109; 0;32554
16; 1523.1; 22-MAY-2008 07:45:22; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32554
17; 1629.2; 22-MAY-2008 07:47:08; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32554
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 2; 1842.0; 22-MAY-2008 07:50:41; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32554
 3; 2027.1; 22-MAY-2008 07:53:46; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32554
 4; 2237.3; 22-MAY-2008 07:57:16; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;32554
 5; 2371.2; 22-MAY-2008 07:59:30; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32554
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 7; 3051.1; 22-MAY-2008 08:10:50; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32554
 8; 3173.6; 22-MAY-2008 08:12:52; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32554
 9; 3446.8; 22-MAY-2008 08:17:26; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32554
10; 3937.5; 22-MAY-2008 08:25:36; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;32554
11; 4009.9; 22-MAY-2008 08:26:49; Bright; 42.0; 68; 18Alp Cas ; 2.22; 4500;occ; 84; 0;32554
12; 4530.9; 22-MAY-2008 08:35:30; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32554
13; 4795.6; 22-MAY-2008 08:39:54; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32554
14; 5323.4; 22-MAY-2008 08:48:42; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32554

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

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

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 2; 1841.8; 22-MAY-2008 11:11:52; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32556  
 3; 2026.6; 22-MAY-2008 11:14:57; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32556  
 4; 2237.3; 22-MAY-2008 11:18:28; Bright; 46.0; 3; 16Alp Boo ; -0.05; 4250;occ; 92; 0;32556  
 5; 2371.0; 22-MAY-2008 11:20:42; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32556  
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 7; 3050.3; 22-MAY-2008 11:32:01; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32556  
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 9; 3446.7; 22-MAY-2008 11:38:37; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32556  
 10; 3937.3; 22-MAY-2008 11:46:48; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;32556  
 11; 4009.7; 22-MAY-2008 11:48:00; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32556  
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 13; 4796.1; 22-MAY-2008 12:01:07; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32556  
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 15; 5846.1; 22-MAY-2008 12:18:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32556  
 16; 6008.4; 22-MAY-2008 12:21:19; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;32556  
 17; 6096.4; 22-MAY-2008 12:22:47; Dark ; 42.0; 172; Gam Gru ; 3.00; 13100;occ; 84; 0;32556  
 18; 6185.1; 22-MAY-2008 12:24:16; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32556  
 19; 6432.2; 22-MAY-2008 12:28:23; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32556  
 20; 6841.5; 22-MAY-2008 12:35:12; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32556  
 21; 7006.9; 22-MAY-2008 12:37:57; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32556  
 22; 7117.9; 22-MAY-2008 12:39:48; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32556  
 23; 7241.9; 22-MAY-2008 12:41:52; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32556  
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 11; 2560.6; 22-MAY-2008 21:27:27; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;32562  
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 13; 3172.8; 22-MAY-2008 21:37:39; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32562  
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 15; 3937.2; 22-MAY-2008 21:50:23; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;32562  
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 4; 67.5; 22-MAY-2008 22:26:30; Dark ; 31.0; 172; Gam Gru ; 3.00; 13100;occ; 62; 0;32563  
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 14; 1734.2; 22-MAY-2008 22:54:16; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32563  
 15; 1841.1; 22-MAY-2008 22:56:03; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32563  
 16; 2025.6; 22-MAY-2008 22:59:08; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32563  
 17; 2370.6; 22-MAY-2008 23:04:53; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32563  
 18; 2560.5; 22-MAY-2008 23:08:03; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32563  
 19; 3047.5; 22-MAY-2008 23:16:10; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32563  
 20; 3172.8; 22-MAY-2008 23:18:15; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32563  
 21; 3446.7; 22-MAY-2008 23:22:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32563  
 22; 3937.1; 22-MAY-2008 23:30:59; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32563  
 23; 4009.3; 22-MAY-2008 23:32:11; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32563  
 24; 4532.5; 22-MAY-2008 23:40:55; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32563  
 25; 4798.6; 22-MAY-2008 23:45:21; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32563  
 26; 5327.2; 22-MAY-2008 23:54:09; Dark ; 9.5; 52; 16Bet Cet ; 2.04; 4500;occ; 19; 0;32563

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 3; -22.4; 23-MAY-2008 00:05:36; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32563  
 4; 68.7; 23-MAY-2008 00:07:07; Dark ; 31.0; 172; Gam Gru ; 3.00; 13100;occ; 62; 0;32564  
 5; 152.6; 23-MAY-2008 00:08:31; Dark ; 41.5; 148; Alp Tuc ; 2.88; 4100;occ; 83; 0;32564  
 6; 401.1; 23-MAY-2008 00:12:39; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32564  
 7; 808.6; 23-MAY-2008 00:19:27; Dark ; 48.5; 141; Bet Ara ; 2.84; 4600;occ; 97; 0;32564  
 8; 974.7; 23-MAY-2008 00:22:13; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32564  
 9; 1085.5; 23-MAY-2008 00:24:03; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;32564  
 10; 1208.6; 23-MAY-2008 00:26:07; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32564  
 11; 1380.4; 23-MAY-2008 00:28:58; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32564  
 12; 1524.5; 23-MAY-2008 00:31:22; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32564  
 13; 1630.6; 23-MAY-2008 00:33:09; Bright; 35.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 70; 0;32564  
 14; 1734.4; 23-MAY-2008 00:34:52; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32564  
 15; 1840.8; 23-MAY-2008 00:36:39; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32564  
 16; 2025.4; 23-MAY-2008 00:39:43; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32564  
 17; 2370.5; 23-MAY-2008 00:45:28; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32564  
 18; 2560.4; 23-MAY-2008 00:48:38; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32564  
 19; 3047.1; 23-MAY-2008 00:56:45; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32564  
 20; 3172.7; 23-MAY-2008 00:58:51; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32564  
 21; 3446.7; 23-MAY-2008 01:03:25; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32564  
 22; 3937.1; 23-MAY-2008 01:11:35; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;32564



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24; 4380.7; 23-MAY-2008 01:18:59; Bright; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;32564
25; 4532.6; 23-MAY-2008 01:21:31; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;32564
26; 4798.9; 23-MAY-2008 01:25:57; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32564
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 2; 1733.7; 22-MAY-2008 12:50:40; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32557
 3; 1841.7; 22-MAY-2008 12:52:28; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32557
 4; 2026.5; 22-MAY-2008 12:55:33; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32557
 5; 2237.5; 22-MAY-2008 12:59:04; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;32557
 6; 2371.0; 22-MAY-2008 13:01:17; Bright; 34.5; 83; ; 2.38; 11000;occ; 69; 0;32557
 7; 2560.9; 22-MAY-2008 13:04:27; Bright; 33.5; 180; 27Gam Boo ; 3.04; 8000;occ; 67; 0;32557
 8; 3050.0; 22-MAY-2008 13:12:36; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32557
 9; 3173.3; 22-MAY-2008 13:14:40; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32557
10; 3446.8; 22-MAY-2008 13:19:13; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32557
11; 3937.5; 22-MAY-2008 13:27:24; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32557
12; 4009.7; 22-MAY-2008 13:28:36; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32557
13; 4531.4; 22-MAY-2008 13:37:18; Dark ; 43.0; 58; 21Alp And ; 2.07; 11000;occ; 86; 0;32557
14; 4796.5; 22-MAY-2008 13:41:43; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32557
15; 5324.7; 22-MAY-2008 13:50:31; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32557
16; 5846.7; 22-MAY-2008 13:59:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32557
17; 6009.2; 22-MAY-2008 14:01:56; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;32557
18; 6097.6; 22-MAY-2008 14:03:24; Dark ; 42.0; 172; Gam Gru ; 3.00; 13100;occ; 84; 0;32557
19; 6185.6; 22-MAY-2008 14:04:52; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32557
20; 6433.0; 22-MAY-2008 14:08:59; Dark ; 39.5; 45; Alp Pav ; 1.94; 26000;occ; 79; 0;32557
21; 6842.0; 22-MAY-2008 14:15:48; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32557
22; 7007.5; 22-MAY-2008 14:18:34; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32557
23; 7118.3; 22-MAY-2008 14:20:25; Dark ; 47.0; 25; 35Lam Sco ; 1.62; 28000;occ; 94; 0;32557
24; 7242.3; 22-MAY-2008 14:22:29; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32557
25; 7414.9; 22-MAY-2008 14:25:21; Dark ; 57.0; 16; 21Alp Sco ; 1.02; 3000;occ; 114; 0;32557
26; 7559.7; 22-MAY-2008 14:27:46; Bright; 4.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 9; 0;32557
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 2; 1629.8; 22-MAY-2008 14:29:32; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32558
 3; 1734.0; 22-MAY-2008 14:31:16; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32558
 4; 1841.7; 22-MAY-2008 14:33:04; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;32558
 5; 2026.5; 22-MAY-2008 14:36:09; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32558
 6; 2370.9; 22-MAY-2008 14:41:53; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32558
 7; 2560.8; 22-MAY-2008 14:45:03; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32558
 8; 3049.6; 22-MAY-2008 14:53:12; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32558
 9; 3173.3; 22-MAY-2008 14:55:16; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32558
10; 3446.8; 22-MAY-2008 14:59:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32558
11; 3937.5; 22-MAY-2008 15:08:00; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32558
12; 4009.7; 22-MAY-2008 15:09:12; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;32558
13; 4531.9; 22-MAY-2008 15:17:54; Dark ; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;32558
14; 4797.1; 22-MAY-2008 15:22:19; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32558
15; 5325.3; 22-MAY-2008 15:31:08; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32558
16; 5847.3; 22-MAY-2008 15:39:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32558
17; 6009.9; 22-MAY-2008 15:42:32; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;32558
18; 6098.8; 22-MAY-2008 15:44:01; Dark ; 39.0; 172; Gam Gru ; 3.00; 13100;occ; 78; 0;32558
19; 6186.2; 22-MAY-2008 15:45:29; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32558
20; 6433.7; 22-MAY-2008 15:49:36; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32558
21; 6842.5; 22-MAY-2008 15:56:25; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32558
22; 7008.1; 22-MAY-2008 15:59:10; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;32558
23; 7119.0; 22-MAY-2008 16:01:01; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32558
24; 7242.6; 22-MAY-2008 16:03:05; Dark ; 44.5; 75; 26Eps Sco ; 2.29; 4250;occ; 89; 0;32558
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 3; 1630.0; 22-MAY-2008 16:10:08; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32559
 4; 1734.0; 22-MAY-2008 16:11:52; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32559
 5; 1841.4; 22-MAY-2008 16:13:40; Bright; 45.5; 120; 1Del Oph ; 2.73; 3200;occ; 91; 0;32559
 6; 2026.3; 22-MAY-2008 16:16:45; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32559
 7; 2370.8; 22-MAY-2008 16:22:29; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32559
 8; 2560.8; 22-MAY-2008 16:25:39; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32559
 9; 3049.2; 22-MAY-2008 16:33:47; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32559
10; 3173.2; 22-MAY-2008 16:35:51; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32559
11; 3446.8; 22-MAY-2008 16:40:25; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32559

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 13; 4009.6; 22-MAY-2008 16:49:48; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;32559  
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 15; 4797.3; 22-MAY-2008 17:02:56; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;32559  
 16; 5325.6; 22-MAY-2008 17:11:44; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;32559  
 17; 5847.8; 22-MAY-2008 17:20:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32559  
 18; 6010.7; 22-MAY-2008 17:23:09; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;32559  
 19; 6099.9; 22-MAY-2008 17:24:38; Dark ; 39.0; 172; Gam Gru ; 3.00; 13100;occ; 78; 0;32559  
 20; 6186.7; 22-MAY-2008 17:26:05; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32559  
 21; 6434.5; 22-MAY-2008 17:30:13; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32559  
 22; 6843.0; 22-MAY-2008 17:37:01; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32559  
 23; 7008.7; 22-MAY-2008 17:39:47; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32559

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 2; 1083.5; 22-MAY-2008 17:41:38; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32560  
 3; 1207.1; 22-MAY-2008 17:43:41; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32560  
 4; 1379.5; 22-MAY-2008 17:46:34; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32560  
 5; 1524.0; 22-MAY-2008 17:48:58; Bright; 43.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 87; 0;32560  
 6; 1629.9; 22-MAY-2008 17:50:44; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32560  
 7; 1734.1; 22-MAY-2008 17:52:28; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32560  
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 9; 2026.1; 22-MAY-2008 17:57:20; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;32560  
 10; 2370.8; 22-MAY-2008 18:03:05; Bright; 34.5; 83; ; 2.38; 11000;occ; 69; 0;32560  
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 12; 3048.8; 22-MAY-2008 18:14:23; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32560  
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 19; 5326.0; 22-MAY-2008 18:52:20; Dark ; 46.0; 52; 16Bet Cet ; 2.04; 4500;occ; 92; 0;32560  
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 21; 6011.4; 22-MAY-2008 19:03:46; Dark ; 50.0; 63; Bet Gru ; 2.15; 2800;occ; 100; 0;32560  
 22; 6101.1; 22-MAY-2008 19:05:15; Dark ; 35.0; 172; Gam Gru ; 3.00; 13100;occ; 70; 0;32560  
 23; 6187.2; 22-MAY-2008 19:06:41; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32560  
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 25; 6843.4; 22-MAY-2008 19:17:38; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32560  
 26; 7009.1; 22-MAY-2008 19:20:23; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;32560

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 5; 1524.1; 22-MAY-2008 19:29:34; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32561  
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 20; 5848.8; 22-MAY-2008 20:41:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32561  
 21; 6012.0; 22-MAY-2008 20:44:22; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;32561  
 22; 6102.2; 22-MAY-2008 20:45:52; Dark ; 35.0; 172; Gam Gru ; 3.00; 13100;occ; 70; 0;32561  
 23; 6187.7; 22-MAY-2008 20:47:18; Dark ; 38.0; 148; Alp Tuc ; 2.88; 4100;occ; 76; 0;32561  
 24; 6435.7; 22-MAY-2008 20:51:26; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32561  
 25; 6843.8; 22-MAY-2008 20:58:14; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32561

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4; 69.8; 23-MAY-2008 01:47:44; Dark ; 27.0; 172; Gam Gru ; 3.00; 13100;occ; 54; 0;32565
5; 153.3; 23-MAY-2008 01:49:07; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32565
6; 401.9; 23-MAY-2008 01:53:16; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32565
7; 809.1; 23-MAY-2008 02:00:03; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32565
8; 975.3; 23-MAY-2008 02:02:49; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32565
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10; 1208.9; 23-MAY-2008 02:06:43; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32565
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12; 1524.7; 23-MAY-2008 02:11:59; Bright; 42.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 85; 0;32565
13; 1630.8; 23-MAY-2008 02:13:45; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32565
14; 1734.4; 23-MAY-2008 02:15:28; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32565
15; 1840.7; 23-MAY-2008 02:17:14; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;32565
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17; 2370.5; 23-MAY-2008 02:26:04; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32565
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19; 3046.8; 23-MAY-2008 02:37:21; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32565
20; 3172.6; 23-MAY-2008 02:39:26; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;32565
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9; 71.1; 23-MAY-2008 03:28:21; Dark ; 27.0; 172; Gam Gru ; 3.00; 13100;occ; 54; 0;32566
10; 154.0; 23-MAY-2008 03:29:44; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32566
11; 402.7; 23-MAY-2008 03:33:52; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32566
12; 809.6; 23-MAY-2008 03:40:39; Dark ; 45.5; 141; Bet Ara ; 2.84; 4600;occ; 91; 0;32566
13; 976.0; 23-MAY-2008 03:43:26; Dark ; 46.0; 40; The Sco ; 1.86; 7100;occ; 92; 0;32566
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18; 1631.0; 23-MAY-2008 03:54:21; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32566
19; 1734.6; 23-MAY-2008 03:56:04; Bright; 35.5; 104; 27Bet Lib ; 2.61; 13100;occ; 71; 0;32566
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21; 2025.2; 23-MAY-2008 04:00:55; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32566
22; 2370.5; 23-MAY-2008 04:06:40; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;32566
23; 2560.4; 23-MAY-2008 04:09:50; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32566
24; 3046.5; 23-MAY-2008 04:17:56; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32566
25; 3172.7; 23-MAY-2008 04:20:02; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32566
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11; 810.1; 23-MAY-2008 05:21:16; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;32567
12; 976.5; 23-MAY-2008 05:24:02; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32567
13; 1087.2; 23-MAY-2008 05:25:53; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;32567
14; 1209.7; 23-MAY-2008 05:27:56; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32567
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17; 1631.3; 23-MAY-2008 05:34:57; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32567
18; 1734.7; 23-MAY-2008 05:36:40; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32567
19; 1840.7; 23-MAY-2008 05:38:26; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32567
20; 2025.0; 23-MAY-2008 05:41:31; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32567
21; 2370.4; 23-MAY-2008 05:47:16; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32567

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 5; 1526.5; 23-MAY-2008 20:38:36; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32576
 6; 1632.3; 23-MAY-2008 20:40:22; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32576
 7; 1735.4; 23-MAY-2008 20:42:05; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32576
 8; 1839.8; 23-MAY-2008 20:43:49; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32576
 9; 2023.8; 23-MAY-2008 20:46:53; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32576
10; 2369.9; 23-MAY-2008 20:52:39; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;32576
11; 2560.0; 23-MAY-2008 20:55:49; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32576
12; 3042.6; 23-MAY-2008 21:03:52; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32576
13; 3171.8; 23-MAY-2008 21:06:01; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;32576
14; 3446.8; 23-MAY-2008 21:10:36; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32576
15; 3936.7; 23-MAY-2008 21:18:46; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32576
16; 4008.7; 23-MAY-2008 21:19:58; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32576
17; 4382.2; 23-MAY-2008 21:26:11; Bright; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;32576
18; 4534.8; 23-MAY-2008 21:28:44; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32576
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 6; 410.4; 23-MAY-2008 22:00:36; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32577
 7; 814.4; 23-MAY-2008 22:07:20; Dark ; 38.5; 141; Bet Ara ; 2.84; 4600;occ; 77; 0;32577
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 9; 1092.4; 23-MAY-2008 22:11:58; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32577
10; 1213.4; 23-MAY-2008 22:13:59; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32577
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12; 1526.6; 23-MAY-2008 22:19:12; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32577
13; 1638.5; 23-MAY-2008 22:21:04; Bright; 30.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 60; 0;32577
14; 1735.4; 23-MAY-2008 22:22:41; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32577
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22; 3936.7; 23-MAY-2008 22:59:22; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;32577
23; 4008.6; 23-MAY-2008 23:00:34; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32577
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26; 4803.9; 23-MAY-2008 23:13:49; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32577
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 6; 411.1; 23-MAY-2008 23:41:12; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32578
 7; 814.8; 23-MAY-2008 23:47:56; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32578
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 9; 81.5; 23-MAY-2008 06:49:43; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32568  
 10; 404.1; 23-MAY-2008 06:55:06; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32568  
 11; 810.6; 23-MAY-2008 07:01:52; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32568  
 12; 977.0; 23-MAY-2008 07:04:39; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32568  
 13; 1087.8; 23-MAY-2008 07:06:30; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32568  
 14; 1210.1; 23-MAY-2008 07:08:32; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;32568  
 15; 1381.6; 23-MAY-2008 07:11:23; Dark ; 56.0; 16; 21Alp Sco ; 1.02; 3000;occ; 112; 0;32568  
 16; 1525.2; 23-MAY-2008 07:13:47; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32568  
 17; 1631.4; 23-MAY-2008 07:15:33; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32568  
 18; 1734.8; 23-MAY-2008 07:17:17; Bright; 28.5; 104; 27Bet Lib ; 2.61; 13100;occ; 57; 0;32568

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1; 1734.8; 23-MAY-2008 07:17:17; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32568  
 2; 1840.6; 23-MAY-2008 07:19:02; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32568  
 3; 2024.9; 23-MAY-2008 07:22:07; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32568  
 4; 2370.3; 23-MAY-2008 07:27:52; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32568  
 5; 2560.4; 23-MAY-2008 07:31:02; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32568  
 6; 3045.7; 23-MAY-2008 07:39:07; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32568  
 7; 3172.5; 23-MAY-2008 07:41:14; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32568  
 8; 3446.9; 23-MAY-2008 07:45:49; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32568  
 9; 3937.0; 23-MAY-2008 07:53:59; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32568  
 10; 4009.2; 23-MAY-2008 07:55:11; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;32568  
 11; 4381.2; 23-MAY-2008 08:01:23; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32568  
 12; 4533.5; 23-MAY-2008 08:03:55; Dark ; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;32568  
 13; 4800.6; 23-MAY-2008 08:08:22; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32568  
 14; 5329.5; 23-MAY-2008 08:17:11; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32568  
 15; 5736.3; 23-MAY-2008 08:23:58; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;32568  
 16; 5852.6; 23-MAY-2008 08:25:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32568  
 17; 6017.3; 23-MAY-2008 08:28:39; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32568  
 18; 6118.2; 23-MAY-2008 08:30:20; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32568  
 19; 6440.7; 23-MAY-2008 08:35:42; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32568  
 20; 6846.9; 23-MAY-2008 08:42:29; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32568  
 21; 7013.4; 23-MAY-2008 08:45:15; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32568  
 22; 7124.3; 23-MAY-2008 08:47:06; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32568  
 23; 7246.4; 23-MAY-2008 08:49:08; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32568  
 24; 7417.8; 23-MAY-2008 08:52:00; Dark ; 58.0; 16; 21Alp Sco ; 1.02; 3000;occ; 116; 0;32568  
 25; 7561.5; 23-MAY-2008 08:54:23; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32568  
 26; 7667.4; 23-MAY-2008 08:56:09; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32568  
 27; 7770.8; 23-MAY-2008 08:57:53; Bright; 10.0; 104; 27Bet Lib ; 2.61; 13100;occ; 20; 0;32568

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 2; 1840.5; 23-MAY-2008 08:59:38; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32569  
 3; 2024.7; 23-MAY-2008 09:02:42; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32569  
 4; 2370.3; 23-MAY-2008 09:08:28; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32569  
 5; 2560.1; 23-MAY-2008 09:11:38; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32569  
 6; 3045.3; 23-MAY-2008 09:19:43; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32569  
 7; 3172.4; 23-MAY-2008 09:21:50; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32569  
 8; 3446.7; 23-MAY-2008 09:26:24; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32569  
 9; 3936.9; 23-MAY-2008 09:34:35; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32569

10; 4009.1; 23-MAY-2008 09:35:47; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32569  
 11; 4381.3; 23-MAY-2008 09:41:59; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32569  
 12; 4533.6; 23-MAY-2008 09:44:31; Dark ; 50.0; 58; 21Alp And ; 2.07; 11000;occ; 100; 0;32569  
 13; 4800.9; 23-MAY-2008 09:48:59; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32569  
 14; 5329.9; 23-MAY-2008 09:57:48; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32569  
 15; 5736.7; 23-MAY-2008 10:04:34; Dark ; 42.5; 84; Alp Phe ; 2.40; 4500;occ; 85; 0;32569  
 16; 5853.2; 23-MAY-2008 10:06:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32569  
 17; 6018.0; 23-MAY-2008 10:09:16; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;32569  
 18; 6119.1; 23-MAY-2008 10:10:57; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32569  
 19; 6441.4; 23-MAY-2008 10:16:19; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32569  
 20; 6847.3; 23-MAY-2008 10:23:05; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32569  
 21; 7014.0; 23-MAY-2008 10:25:52; Dark ; 51.0; 40; The Sco ; 1.86; 7100;occ; 102; 0;32569  
 22; 7124.7; 23-MAY-2008 10:27:42; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;32569  
 23; 7246.8; 23-MAY-2008 10:29:44; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;32569  
 24; 7418.0; 23-MAY-2008 10:32:36; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32569  
 25; 7561.6; 23-MAY-2008 10:34:59; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32569  
 26; 7667.4; 23-MAY-2008 10:36:45; Bright; 35.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 70; 0;32569

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1; 1735.1; 23-MAY-2008 10:38:29; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32570  
 2; 1840.3; 23-MAY-2008 10:40:14; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32570  
 3; 2024.6; 23-MAY-2008 10:43:18; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32570  
 4; 2370.2; 23-MAY-2008 10:49:04; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;32570  
 5; 2560.1; 23-MAY-2008 10:52:14; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32570  
 6; 3044.9; 23-MAY-2008 11:00:18; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32570  
 7; 3172.3; 23-MAY-2008 11:02:26; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32570  
 8; 3446.7; 23-MAY-2008 11:07:00; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32570  
 9; 3936.9; 23-MAY-2008 11:15:10; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32570  
 10; 4009.0; 23-MAY-2008 11:16:23; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32570  
 11; 4381.4; 23-MAY-2008 11:22:35; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;32570  
 12; 4533.7; 23-MAY-2008 11:25:07; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32570  
 13; 4801.2; 23-MAY-2008 11:29:35; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32570  
 14; 5330.4; 23-MAY-2008 11:38:24; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32570  
 15; 5737.0; 23-MAY-2008 11:45:11; Dark ; 42.5; 84; Alp Phe ; 2.40; 4500;occ; 85; 0;32570  
 16; 5853.7; 23-MAY-2008 11:47:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32570  
 17; 6018.8; 23-MAY-2008 11:49:52; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;32570  
 18; 6119.9; 23-MAY-2008 11:51:33; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32570  
 19; 6442.1; 23-MAY-2008 11:56:56; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32570  
 20; 6847.7; 23-MAY-2008 12:03:41; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32570  
 21; 7014.4; 23-MAY-2008 12:06:28; Dark ; 53.0; 40; The Sco ; 1.86; 7100;occ; 106; 0;32570  
 22; 7125.2; 23-MAY-2008 12:08:19; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32570  
 23; 7247.1; 23-MAY-2008 12:10:21; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32570  
 24; 7418.3; 23-MAY-2008 12:13:12; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32570  
 25; 7561.7; 23-MAY-2008 12:15:35; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32570  
 26; 7667.5; 23-MAY-2008 12:17:21; Bright; 30.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 61; 0;32570

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 3; 1840.2; 23-MAY-2008 12:20:50; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32571  
 4; 2024.5; 23-MAY-2008 12:23:54; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32571  
 5; 2370.2; 23-MAY-2008 12:29:40; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32571  
 6; 2560.1; 23-MAY-2008 12:32:50; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32571  
 7; 3044.5; 23-MAY-2008 12:40:54; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32571  
 8; 3172.2; 23-MAY-2008 12:43:02; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32571  
 9; 3446.8; 23-MAY-2008 12:47:36; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32571  
 10; 3937.0; 23-MAY-2008 12:55:46; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32571  
 11; 4009.0; 23-MAY-2008 12:56:58; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32571  
 12; 4381.7; 23-MAY-2008 13:03:11; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;32571  
 13; 4533.9; 23-MAY-2008 13:05:43; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 0;32571  
 14; 4801.6; 23-MAY-2008 13:10:11; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32571  
 15; 5330.9; 23-MAY-2008 13:19:00; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32571  
 16; 5737.5; 23-MAY-2008 13:25:47; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;32571  
 17; 5854.2; 23-MAY-2008 13:27:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32571  
 18; 6019.5; 23-MAY-2008 13:30:29; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32571  
 19; 6120.8; 23-MAY-2008 13:32:10; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32571  
 20; 6442.8; 23-MAY-2008 13:37:32; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32571  
 21; 6848.4; 23-MAY-2008 13:44:18; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32571  
 22; 7015.0; 23-MAY-2008 13:47:04; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;32571  
 23; 7125.8; 23-MAY-2008 13:48:55; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32571



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24; 7247.5; 23-MAY-2008 13:50:57; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32571
25; 7418.6; 23-MAY-2008 13:53:48; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32571
26; 7561.8; 23-MAY-2008 13:56:11; Bright; 38.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 77; 0;32571
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2; 1631.9; 23-MAY-2008 13:57:57; Bright; 35.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 71; 0;32572
3; 1735.1; 23-MAY-2008 13:59:40; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32572
4; 1840.3; 23-MAY-2008 14:01:26; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32572
5; 2024.4; 23-MAY-2008 14:04:30; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32572
6; 2370.3; 23-MAY-2008 14:10:16; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32572
7; 2560.1; 23-MAY-2008 14:13:25; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32572
8; 3044.2; 23-MAY-2008 14:21:29; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32572
9; 3172.2; 23-MAY-2008 14:23:38; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32572
10; 3446.8; 23-MAY-2008 14:28:12; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32572
11; 3937.0; 23-MAY-2008 14:36:22; Bright; 39.5; 76; 27Gam Cas ; 2.30; 30000;occ; 79; 0;32572
12; 4009.0; 23-MAY-2008 14:37:34; Bright; 48.0; 68; 18Alp Cas ; 2.22; 4500;occ; 96; 0;32572
13; 4381.8; 23-MAY-2008 14:43:47; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32572
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15; 4802.2; 23-MAY-2008 14:50:47; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;32572
16; 5331.4; 23-MAY-2008 14:59:37; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32572
17; 5738.0; 23-MAY-2008 15:06:23; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;32572
18; 5854.8; 23-MAY-2008 15:08:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32572
19; 6020.3; 23-MAY-2008 15:11:06; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32572
20; 6121.7; 23-MAY-2008 15:12:47; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32572
21; 6443.5; 23-MAY-2008 15:18:09; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32572
22; 6848.8; 23-MAY-2008 15:24:54; Dark ; 38.5; 141; Bet Ara ; 2.84; 4600;occ; 77; 0;32572
23; 7015.7; 23-MAY-2008 15:27:41; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;32572
24; 7126.3; 23-MAY-2008 15:29:32; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32572
25; 7248.0; 23-MAY-2008 15:31:33; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32572
26; 7418.8; 23-MAY-2008 15:34:24; Dark ; 32.5; 16; 21Alp Sco ; 1.02; 3000;occ; 65; 0;32572
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3; 1632.0; 23-MAY-2008 15:38:33; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32573
4; 1735.2; 23-MAY-2008 15:40:16; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;32573
5; 1840.1; 23-MAY-2008 15:42:01; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32573
6; 2024.2; 23-MAY-2008 15:45:05; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32573
7; 2370.1; 23-MAY-2008 15:50:51; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32573
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9; 3043.8; 23-MAY-2008 16:02:05; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32573
10; 3172.1; 23-MAY-2008 16:04:13; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32573
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16; 4802.5; 23-MAY-2008 16:31:24; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32573
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 2;-2099.4; 24-MAY-2008 07:22:21; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32582
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 5; 3040.0; 24-MAY-2008 08:48:01; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32583
 6; 3171.4; 24-MAY-2008 08:50:12; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32583
 7; 3688.4; 24-MAY-2008 08:58:49; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;32583
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2; 1528.3; 24-MAY-2008 15:05:13; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32587
3; 1736.4; 24-MAY-2008 15:08:41; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32587
4; 1838.9; 24-MAY-2008 15:10:23; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32587
5; 2022.4; 24-MAY-2008 15:13:27; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32587
6; 2369.5; 24-MAY-2008 15:19:14; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32587
7; 3038.5; 24-MAY-2008 15:30:23; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32587
8; 3171.2; 24-MAY-2008 15:32:35; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32587
9; 3686.4; 24-MAY-2008 15:41:11; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;32587
10; 3936.5; 24-MAY-2008 15:45:21; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;32587
11; 4008.3; 24-MAY-2008 15:46:33; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32587
12; 4383.6; 24-MAY-2008 15:52:48; Bright; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;32587
13; 4536.9; 24-MAY-2008 15:55:21; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32587
14; 4807.8; 24-MAY-2008 15:59:52; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32587
15; 5338.3; 24-MAY-2008 16:08:43; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32587
16; 5863.3; 24-MAY-2008 16:17:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32587
17; 6031.8; 24-MAY-2008 16:20:16; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32587
18; 6134.7; 24-MAY-2008 16:21:59; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32587
19; 6454.1; 24-MAY-2008 16:27:18; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32587
20; 6855.4; 24-MAY-2008 16:34:00; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;32587
21; 7023.7; 24-MAY-2008 16:36:48; Dark ; 50.5; 40; The Sco ; 1.86; 7100;occ; 101; 0;32587
22; 7134.1; 24-MAY-2008 16:38:38; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32587
23; 7253.5; 24-MAY-2008 16:40:38; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32587
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2; 1386.7; 24-MAY-2008 16:43:27; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32588
3; 1528.4; 24-MAY-2008 16:45:49; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32588
4; 1736.4; 24-MAY-2008 16:49:17; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32588
5; 1838.8; 24-MAY-2008 16:50:59; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32588
6; 2022.3; 24-MAY-2008 16:54:03; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32588

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7; 2369.5; 24-MAY-2008 16:59:50; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32588  
 8; 3038.1; 24-MAY-2008 17:10:58; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32588  
 9; 3170.9; 24-MAY-2008 17:13:11; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32588  
 10; 3685.8; 24-MAY-2008 17:21:46; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32588  
 11; 3936.3; 24-MAY-2008 17:25:57; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32588  
 12; 4008.1; 24-MAY-2008 17:27:08; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;32588  
 13; 4383.7; 24-MAY-2008 17:33:24; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;32588  
 14; 4537.1; 24-MAY-2008 17:35:57; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;32588  
 15; 4808.2; 24-MAY-2008 17:40:28; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32588  
 16; 5338.7; 24-MAY-2008 17:49:19; Dark ; 47.5; 52; 16Bet Cet ; 2.04; 4500;occ; 95; 0;32588  
 17; 5863.8; 24-MAY-2008 17:58:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32588  
 18; 6032.5; 24-MAY-2008 18:00:53; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;32588  
 19; 6135.6; 24-MAY-2008 18:02:36; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32588  
 20; 6454.8; 24-MAY-2008 18:07:55; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32588  
 21; 6855.7; 24-MAY-2008 18:14:36; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32588  
 22; 7024.2; 24-MAY-2008 18:17:24; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32588  
 23; 7134.6; 24-MAY-2008 18:19:15; Dark ; 39.5; 25; 35Lam Sco ; 1.62; 28000;occ; 79; 0;32588

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 3; 1386.9; 24-MAY-2008 18:24:03; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32589  
 4; 1528.5; 24-MAY-2008 18:26:25; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32589  
 5; 1736.4; 24-MAY-2008 18:29:53; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32589  
 6; 1838.7; 24-MAY-2008 18:31:35; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32589  
 7; 2022.0; 24-MAY-2008 18:34:38; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32589  
 8; 2369.3; 24-MAY-2008 18:40:26; Bright; 39.5; 83; ; 2.38; 11000;occ; 79; 0;32589  
 9; 3037.6; 24-MAY-2008 18:51:34; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32589  
 10; 3170.8; 24-MAY-2008 18:53:47; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32589  
 11; 3685.2; 24-MAY-2008 19:02:21; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32589  
 12; 3936.2; 24-MAY-2008 19:06:32; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;32589  
 13; 4008.0; 24-MAY-2008 19:07:44; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;32589  
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 15; 4537.0; 24-MAY-2008 19:16:33; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 0;32589  
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 17; 5339.0; 24-MAY-2008 19:29:55; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;32589  
 18; 5864.4; 24-MAY-2008 19:38:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32589  
 19; 6033.2; 24-MAY-2008 19:41:29; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;32589  
 20; 6136.3; 24-MAY-2008 19:43:13; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32589  
 21; 6455.4; 24-MAY-2008 19:48:32; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32589  
 22; 6856.0; 24-MAY-2008 19:55:12; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32589  
 23; 7024.6; 24-MAY-2008 19:58:01; Dark ; 26.5; 40; The Sco ; 1.86; 7100;occ; 53; 0;32589

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1; -695.6; 25-MAY-2008 00:31:44; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32592  
 2; -169.9; 25-MAY-2008 00:40:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32592  
 3; -0.5; 25-MAY-2008 00:43:19; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32592  
 4; 103.0; 25-MAY-2008 00:45:03; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32593  
 5; 421.6; 25-MAY-2008 00:50:21; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32593  
 6; 821.3; 25-MAY-2008 00:57:01; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32593  
 7; 990.2; 25-MAY-2008 00:59:50; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32593  
 8; 1100.5; 25-MAY-2008 01:01:40; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;32593  
 9; 1219.2; 25-MAY-2008 01:03:39; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32593  
 10; 1387.7; 25-MAY-2008 01:06:28; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32593  
 11; 1529.2; 25-MAY-2008 01:08:49; Bright; 39.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 79; 0;32593  
 12; 1736.9; 25-MAY-2008 01:12:17; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32593  
 13; 1838.2; 25-MAY-2008 01:13:58; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32593  
 14; 2021.4; 25-MAY-2008 01:17:01; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32593  
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 20; 4007.7; 25-MAY-2008 01:50:08; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32593  
 21; 4384.1; 25-MAY-2008 01:56:24; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32593  
 22; 4537.8; 25-MAY-2008 01:58:58; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32593  
 23; 4810.0; 25-MAY-2008 02:03:30; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32593

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 2; -169.3; 25-MAY-2008 02:21:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32593

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4; 103.9; 25-MAY-2008 02:25:40; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32594
5; 422.3; 25-MAY-2008 02:30:58; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32594
6; 821.8; 25-MAY-2008 02:37:37; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32594
7; 990.8; 25-MAY-2008 02:40:27; Dark ; 52.0; 40; The Sco ; 1.86; 7100;occ; 104; 0;32594
8; 1101.0; 25-MAY-2008 02:42:17; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;32594
9; 1219.6; 25-MAY-2008 02:44:15; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32594
10; 1388.0; 25-MAY-2008 02:47:04; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32594
11; 1529.4; 25-MAY-2008 02:49:25; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32594
12; 1737.0; 25-MAY-2008 02:52:53; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32594
13; 1838.2; 25-MAY-2008 02:54:34; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32594
14; 2021.4; 25-MAY-2008 02:57:37; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32594
15; 2369.2; 25-MAY-2008 03:03:25; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;32594
16; 3035.8; 25-MAY-2008 03:14:32; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32594
17; 3170.5; 25-MAY-2008 03:16:46; Bright; 33.0; 60; 7Bet UMi ; 2.08; 3950;occ; 66; 0;32594
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3; -1651.7; 25-MAY-2008 03:37:00; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32594
4; -1497.9; 25-MAY-2008 03:39:34; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;32594
5; -1225.5; 25-MAY-2008 03:44:06; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32594
6; -694.6; 25-MAY-2008 03:52:57; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32594
7; -168.8; 25-MAY-2008 04:01:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32594
8; 1.2; 25-MAY-2008 04:04:33; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32595
9; 104.9; 25-MAY-2008 04:06:17; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32595
10; 423.1; 25-MAY-2008 04:11:35; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32595
11; 822.3; 25-MAY-2008 04:18:14; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32595
12; 991.5; 25-MAY-2008 04:21:03; Dark ; 47.0; 40; The Sco ; 1.86; 7100;occ; 94; 0;32595
13; 1101.6; 25-MAY-2008 04:22:53; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32595
14; 1220.0; 25-MAY-2008 04:24:52; Dark ; 46.0; 75; 26Eps Sco ; 2.29; 4250;occ; 92; 0;32595
15; 1388.4; 25-MAY-2008 04:27:40; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32595
16; 1529.5; 25-MAY-2008 04:30:01; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32595
17; 1737.2; 25-MAY-2008 04:33:29; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32595
18; 1838.1; 25-MAY-2008 04:35:10; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32595
19; 2021.5; 25-MAY-2008 04:38:13; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32595
20; 2369.4; 25-MAY-2008 04:44:01; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32595
21; 3035.6; 25-MAY-2008 04:55:07; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32595
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3; 1223.4; 25-MAY-2008 21:10:55; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;32605
4; 1351.5; 25-MAY-2008 21:13:03; Dark ; 43.5; 136; 23Tau Sco ; 2.82; 30000;occ; 87; 0;32605
5; 1531.0; 25-MAY-2008 21:16:02; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32605
6; 1738.0; 25-MAY-2008 21:19:29; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;32605
7; 1837.4; 25-MAY-2008 21:21:09; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32605
8; 2020.3; 25-MAY-2008 21:24:11; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32605
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10; 3031.9; 25-MAY-2008 21:41:03; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32605
11; 3169.8; 25-MAY-2008 21:43:21; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32605
12; 3676.5; 25-MAY-2008 21:51:48; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32605
13; 3935.3; 25-MAY-2008 21:56:06; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32605
14; 4006.9; 25-MAY-2008 21:57:18; Bright; 56.0; 68; 18Alp Cas ; 2.22; 4500;occ; 112; 0;32605
15; 4385.4; 25-MAY-2008 22:03:37; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;32605
16; 4539.9; 25-MAY-2008 22:06:11; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32605
17; 4814.9; 25-MAY-2008 22:10:46; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32605
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2; -162.4; 25-MAY-2008 22:28:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32605
3; 9.6; 25-MAY-2008 22:31:17; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;32606
4; 114.4; 25-MAY-2008 22:33:01; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32606
5; 430.7; 25-MAY-2008 22:38:18; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32606
6; 826.8; 25-MAY-2008 22:44:54; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32606
7; 1052.9; 25-MAY-2008 22:48:40; Dark ; 25.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 50; 0;32606
8; 1107.0; 25-MAY-2008 22:49:34; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32606
9; 1223.7; 25-MAY-2008 22:51:31; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32606
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22;	7385.8;	25-MAY-2008	11:09:25;	Dark	;	40.5;	136;	23Tau Sco	;	2.82;	30000;occ;	81;	0;	32598
23;	7566.0;	25-MAY-2008	11:12:26;	Bright;		40.0;	97;	8Bet1Sco	;	2.56;	30000;occ;	80;	0;	32598
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2;	1837.8;	25-MAY-2008	11:17:33;	Bright;		42.5;	120;	1Del Oph	;	2.73;	3200;occ;	85;	0;	32599
3;	2021.0;	25-MAY-2008	11:20:36;	Bright;		38.5;	102;	24Alp Ser	;	2.60;	4250;occ;	77;	0;	32599
4;	2369.2;	25-MAY-2008	11:26:25;	Bright;		37.5;	83;		;	2.38;	11000;occ;	75;	0;	32599
5;	3034.0;	25-MAY-2008	11:37:29;	Bright;		38.5;	119;	14Eta Dra	;	2.73;	4700;occ;	77;	0;	32599
6;	3170.3;	25-MAY-2008	11:39:46;	Bright;		35.5;	60;	7Bet UMi	;	2.08;	3950;occ;	71;	0;	32599
7;	3680.0;	25-MAY-2008	11:48:15;	Bright;		46.5;	89;	5Alp Cep	;	2.45;	8000;occ;	93;	0;	32599
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18;	6860.4;	25-MAY-2008	12:41:16;	Dark	;	42.0;	141;	Bet Ara	;	2.84;	4600;occ;	84;	0;	32599
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21;	7257.6;	25-MAY-2008	12:47:53;	Dark	;	45.0;	75;	26Eps Sco	;	2.29;	4250;occ;	90;	0;	32599
22;	7386.1;	25-MAY-2008	12:50:02;	Dark	;	44.0;	136;	23Tau Sco	;	2.82;	30000;occ;	88;	0;	32599
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9; 3169.4; 26-MAY-2008 14:29:20; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32615
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2; 1836.2; 27-MAY-2008 08:33:42; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32626
3; 2018.5; 27-MAY-2008 08:36:44; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32626
4; 2379.2; 27-MAY-2008 08:42:45; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;32626
5; 2563.8; 27-MAY-2008 08:45:49; Bright; 42.5; 133; 40Zet Her ; 2.81; 6000;occ; 85; 0;32626
6; 3024.7; 27-MAY-2008 08:53:30; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32626
7; 3168.8; 27-MAY-2008 08:55:54; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32626
8; 3665.1; 27-MAY-2008 09:04:11; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;32626
9; 3934.1; 27-MAY-2008 09:08:40; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;32626
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 3; 2379.0; 27-MAY-2008 10:23:21; Bright; 39.5; 67; 5Alp CrB ; 2.22; 11000;occ; 79; 0;32627
 4; 2563.2; 27-MAY-2008 10:26:25; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32627
 5; 3024.3; 27-MAY-2008 10:34:06; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32627
 6; 3168.6; 27-MAY-2008 10:36:30; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32627
 7; 3664.5; 27-MAY-2008 10:44:46; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32627
 8; 3934.1; 27-MAY-2008 10:49:16; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;32627
 9; 4387.8; 27-MAY-2008 10:56:49; Bright; 52.0; 53; 43Bet And ; 2.05; 3300;occ; 104; 0;32627
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16; 6872.0; 27-MAY-2008 11:38:14; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32627
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 3; 1836.1; 27-MAY-2008 11:54:53; Bright; 41.0; 120; 1Del Oph ; 2.73; 3200;occ; 82; 0;32628
 4; 2018.2; 27-MAY-2008 11:57:56; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32628
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 8; 3168.5; 27-MAY-2008 12:17:06; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;32628
 9; 3664.1; 27-MAY-2008 12:25:21; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32628
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13; 4824.6; 27-MAY-2008 12:44:42; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;32628
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 2; 1358.6; 27-MAY-2008 16:48:44; Dark ; 42.0; 136; 23Tau Sco ; 2.82; 30000;occ; 84; 0;32631
 3; 1701.4; 27-MAY-2008 16:54:27; Bright; 42.0; 98; 13Zet Oph ; 2.57; 30000;occ; 84; 0;32631
 4; 2017.9; 27-MAY-2008 16:59:43; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32631

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6; 2560.8; 27-MAY-2008 17:08:46; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32631  
7; 3023.1; 27-MAY-2008 17:16:28; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32631  
8; 3168.6; 27-MAY-2008 17:18:54; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32631  
9; 3662.4; 27-MAY-2008 17:27:08; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;32631  
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12; 4544.9; 27-MAY-2008 17:41:50; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;32631  
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19; 6873.9; 27-MAY-2008 18:20:39; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32631  
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3; 1836.1; 27-MAY-2008 13:35:29; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32629  
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5; 2378.6; 27-MAY-2008 13:44:32; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;32629  
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9; 3663.5; 27-MAY-2008 14:05:57; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32629  
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12; 4544.6; 27-MAY-2008 14:20:38; Dark ; 50.5; 58; 21Alp And ; 2.07; 11000;occ; 101; 0;32629  
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19; 6873.0; 27-MAY-2008 14:59:26; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32629  
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3; 2018.0; 27-MAY-2008 15:19:07; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32630  
4; 2378.4; 27-MAY-2008 15:25:07; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;32630  
5; 2561.5; 27-MAY-2008 15:28:11; Bright; 45.0; 133; 40Zet Her ; 2.81; 6000;occ; 90; 0;32630  
6; 3023.3; 27-MAY-2008 15:35:52; Bright; 46.0; 119; 14Eta Dra ; 2.73; 4700;occ; 92; 0;32630  
7; 3168.6; 27-MAY-2008 15:38:18; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32630  
8; 3663.0; 27-MAY-2008 15:46:32; Bright; 68.0; 89; 5Alp Cep ; 2.45; 8000;occ; 136; 0;32630  
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10; 4388.4; 27-MAY-2008 15:58:37; Bright; 52.5; 53; 43Bet And ; 2.05; 3300;occ; 105; 0;32630  
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3; 1232.8; 27-MAY-2008 18:27:14; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32632  
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3; 2017.3; 28-MAY-2008 08:05:06; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32640  
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18; 6501.0; 29-MAY-2008 08:48:12; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32654
19; 6883.0; 29-MAY-2008 08:54:35; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32654
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 5; 2545.9; 29-MAY-2008 11:03:29; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32656  
 6; 3014.8; 29-MAY-2008 11:11:18; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;32656  
 7; 3167.3; 29-MAY-2008 11:13:51; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32656  
 8; 3648.1; 29-MAY-2008 11:21:51; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;32656  
 9; 3932.0; 29-MAY-2008 11:26:35; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32656  
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 4; 2016.3; 29-MAY-2008 12:35:15; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;32657  
 5; 2373.7; 29-MAY-2008 12:41:13; Bright; 36.0; 67; 5Alp CrB ; 2.22; 11000;occ; 72; 0;32657  
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6; 470.5; 29-MAY-2008 22:13:05; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32663  
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23; 7167.6; 29-MAY-2008 15:41:43; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32658

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13; 5783.8; 30-MAY-2008 09:45:14; Dark ; 41.0; 84; Alp Phe ; 2.40; 4500;occ; 82; 0;32669
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6; 3640.1; 30-MAY-2008 10:50:06; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;32670
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16; 2014.7; 31-MAY-2008 21:35:36; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;32691
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4; 1915.1; 31-MAY-2008 14:51:32; Bright; 39.5; 0; ; 0.00; 0;occ; 79; 0;32687
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14; 6468.4; 31-MAY-2008 16:07:26; Dark ; 98.5; 45; Alp Pav ; 1.94; 26000;occ; 197; 0;32687
15; 6916.9; 31-MAY-2008 16:14:54; Dark ; 93.0; 147; Alp Ara ; 2.88; 26000;occ; 186; 0;32687
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 3; 1778.1; 31-MAY-2008 16:29:51; Bright; 95.5; 120; 1Del Oph ; 2.73; 3200;occ; 191; 0;32688  
 4; 1961.6; 31-MAY-2008 16:32:55; Bright; 90.0; 102; 24Alp Ser ; 2.60; 4250;occ; 180; 0;32688  
 5; 2263.2; 31-MAY-2008 16:37:56; Bright; 103.0; 127; 27Bet Her ; 2.78; 4700;occ; 206; 0;32688  
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 7; 2952.1; 31-MAY-2008 16:49:25; Bright; 91.0; 119; 14Eta Dra ; 2.73; 4700;occ; 182; 0;32688  
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 9; 3875.0; 31-MAY-2008 17:04:48; Bright; 89.5; 76; 27Gam Cas ; 2.30; 30000;occ; 179; 0;32688  
 10; 4338.7; 31-MAY-2008 17:12:32; Bright; 100.5; 53; 43Bet And ; 2.05; 3300;occ; 201; 0;32688  
 11; 4489.8; 31-MAY-2008 17:15:03; Dark ; 119.0; 58; 21Alp And ; 2.07; 11000;occ; 238; 0;32688  
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