

# GOMOS Daily Report 28-MAY-2008

## Level 0 and Level 1 products

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

Item	Value
Time of report generation	05JUN2008 10:57:05
Data source version	GOMOS/5.00
Start time of products	28-05-2008 (28MAY2008 00:00:00)
Stop time of products	29-05-2008 (29MAY2008 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)

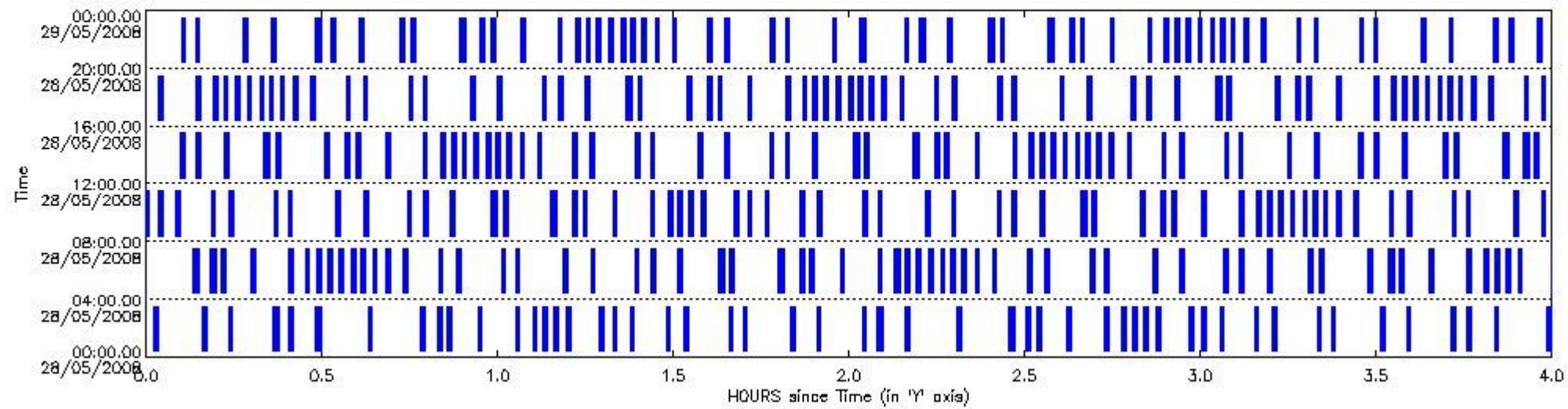
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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)

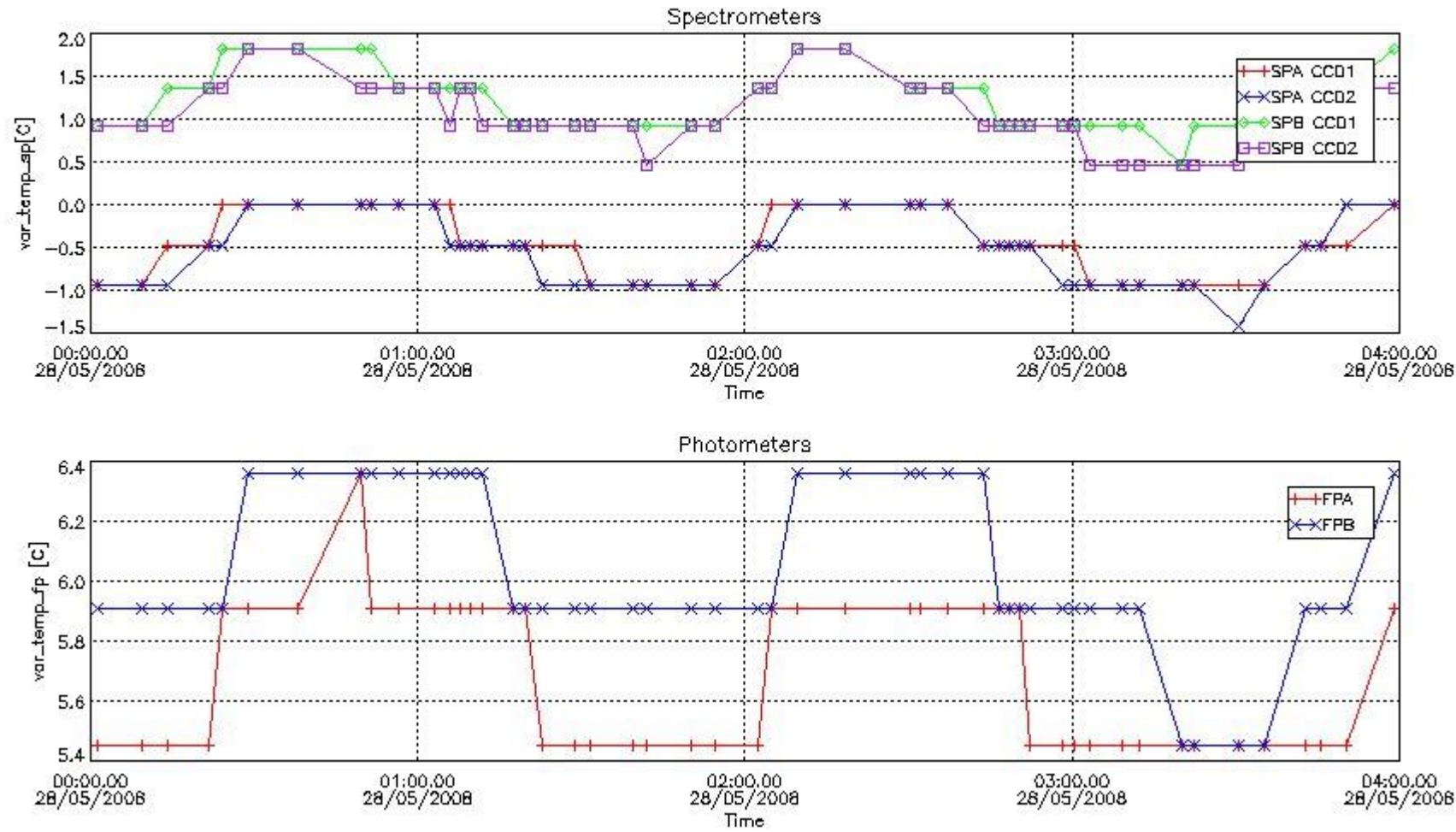
No missing products.

### 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_1PNPDE20080528_000117_000000382069_00016_32635_9091.N1	28-MAY-2008 00:01:17	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32635	No
2	GOM_TRA_1PNPDE20080528_000929_000000452069_00016_32635_9092.N1	28-MAY-2008 00:09:29	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32635	No
3	GOM_TRA_1PNPDE20080528_001402_000000372069_00016_32635_9093.N1	28-MAY-2008 00:14:02	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	32635	No
4	GOM_TRA_1PNPDE20080528_002138_000000552069_00016_32635_9094.N1	28-MAY-2008 00:21:38	Bright	55.000	53	43Bet And	2.0480	3300.0	110	32635	No
5	GOM_TRA_1PNPDE20080528_002414_000000492069_00016_32635_9095.N1	28-MAY-2008 00:24:14	Twl_and_stray	48.500	58	21Alp And	2.0730	11000.	97	32635	No
6	GOM_TRA_1PNPDE20080528_002856_000000502069_00016_32635_9096.N1	28-MAY-2008 00:28:56	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	32635	No
7	GOM_TRA_1PNPDE20080528_003751_000000452069_00016_32635_9227.N1	28-MAY-2008 00:37:51	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32635	No
8	GOM_TRA_1PNPDE20080528_004938_000000572069_00017_32636_9228.N1	28-MAY-2008 00:49:38	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32636	No
9	GOM_TRA_1PNPDE20080528_005126_000000442069_00017_32636_9229.N1	28-MAY-2008 00:51:26	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32636	No
10	GOM_TRA_1PNPDE20080528_005637_000000412069_00017_32636_9230.N1	28-MAY-2008 00:56:37	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32636	No
11	GOM_TRA_1PNPDE20080528_010304_000000422069_00017_32636_9231.N1	28-MAY-2008 01:03:04	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32636	No
12	GOM_TRA_1PNPDE20080528_010557_000000462069_00017_32636_9232.N1	28-MAY-2008 01:05:57	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32636	No

13	GOM_TRA_1PNPDE20080528_010746_000000482069_00017_32636_9233.N1	28-MAY-2008 01:07:46	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	32636	No
14	GOM_TRA_1PNPDE20080528_010939_000000452069_00017_32636_9234.N1	28-MAY-2008 01:09:39	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	32636	No
15	GOM_TRA_1PNPDE20080528_011145_000000412069_00017_32636_9235.N1	28-MAY-2008 01:11:45	Twilight	41.000	136	23Tau Sco	2.8220	30000.	82	32636	No
16	GOM_TRA_1PNPDE20080528_011726_000000432069_00017_32636_9236.N1	28-MAY-2008 01:17:26	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32636	No
17	GOM_TRA_1PNPDE20080528_011940_000000412069_00017_32636_9237.N1	28-MAY-2008 01:19:40	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32636	No
18	GOM_TRA_1PNPDE20080528_012242_000000382069_00017_32636_9238.N1	28-MAY-2008 01:22:42	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32636	No
19	GOM_TRA_1PNPDE20080528_012842_000000422069_00017_32636_9239.N1	28-MAY-2008 01:28:42	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	32636	No
20	GOM_TRA_1PNPDE20080528_013142_000000562069_00017_32636_9240.N1	28-MAY-2008 01:31:42	Bright	55.500	133	40Zet Her	2.8070	6000.0	111	32636	No
21	GOM_TRA_1PNPDE20080528_013926_000000392069_00017_32636_9241.N1	28-MAY-2008 01:39:26	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32636	No
22	GOM_TRA_1PNPDE20080528_014153_000000352069_00017_32636_9242.N1	28-MAY-2008 01:41:53	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32636	No
23	GOM_TRA_1PNPDE20080528_015004_000000462069_00017_32636_9243.N1	28-MAY-2008 01:50:04	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32636	No
24	GOM_TRA_1PNPDE20080528_015438_000000352069_00017_32636_9244.N1	28-MAY-2008 01:54:38	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32636	No
25	GOM_TRA_1PNPDE20080528_020214_000000412069_00017_32636_9245.N1	28-MAY-2008 02:02:14	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32636	No
26	GOM_TRA_1PNPDE20080528_020450_000000512069_00017_32636_9246.N1	28-MAY-2008 02:04:50	Twilight	51.000	58	21Alp And	2.0730	11000.	102	32636	No
27	GOM_TRA_1PNPDE20080528_020933_000000482069_00017_32636_9247.N1	28-MAY-2008 02:09:33	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32636	No
28	GOM_TRA_1PNPDE20080528_021827_000000462069_00017_32636_9355.N1	28-MAY-2008 02:18:27	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32636	No
29	GOM_TRA_1PNPDE20080528_023015_000000492069_00018_32637_9356.N1	28-MAY-2008 02:30:15	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	32637	No
30	GOM_TRA_1PNPDE20080528_023203_000000452069_00018_32637_9357.N1	28-MAY-2008 02:32:03	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32637	No
31	GOM_TRA_1PNPDE20080528_023713_000000432069_00018_32637_9358.N1	28-MAY-2008 02:37:13	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32637	No
32	GOM_TRA_1PNPDE20080528_024340_000000422069_00018_32637_9359.N1	28-MAY-2008 02:43:40	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32637	No
33	GOM_TRA_1PNPDE20080528_024633_000000442069_00018_32637_9360.N1	28-MAY-2008 02:46:33	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32637	No
34	GOM_TRA_1PNPDE20080528_024822_000000492069_00018_32637_9361.N1	28-MAY-2008 02:48:22	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	32637	No
35	GOM_TRA_1PNPDE20080528_025015_000000512069_00018_32637_9362.N1	28-MAY-2008 02:50:15	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	32637	No
36	GOM_TRA_1PNPDE20080528_025221_000000452069_00018_32637_9363.N1	28-MAY-2008 02:52:21	Twilight	45.000	136	23Tau Sco	2.8220	30000.	90	32637	No
37	GOM_TRA_1PNPDE20080528_025802_000000432069_00018_32637_9364.N1	28-MAY-2008 02:58:02	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32637	No
38	GOM_TRA_1PNPDE20080528_030016_000000412069_00018_32637_9365.N1	28-MAY-2008 03:00:16	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32637	No
39	GOM_TRA_1PNPDE20080528_030318_000000382069_00018_32637_9366.N1	28-MAY-2008 03:03:18	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32637	No
40	GOM_TRA_1PNPDE20080528_030918_000000392069_00018_32637_9367.N1	28-MAY-2008 03:09:18	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	32637	No
41	GOM_TRA_1PNPDE20080528_031218_000000462069_00018_32637_9368.N1	28-MAY-2008 03:12:18	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	32637	No
42	GOM_TRA_1PNPDE20080528_032002_000000372069_00018_32637_9369.N1	28-MAY-2008 03:20:02	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	32637	No
43	GOM_TRA_1PNPDE20080528_032229_000000352069_00018_32637_9370.N1	28-MAY-2008 03:22:29	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32637	No
44	GOM_TRA_1PNPDE20080528_033039_000000462069_00018_32637_9520.N1	28-MAY-2008 03:30:39	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32637	No
45	GOM_TRA_1PNPDE20080528_033514_000000392069_00018_32637_9521.N1	28-MAY-2008 03:35:14	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32637	No
46	GOM_TRA_1PNPDE20080528_034250_000000412069_00018_32637_9522.N1	28-MAY-2008 03:42:50	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32637	No
47	GOM_TRA_1PNPDE20080528_034527_000000512069_00018_32637_9523.N1	28-MAY-2008 03:45:27	Twilight	51.000	58	21Alp And	2.0730	11000.	102	32637	No
48	GOM_TRA_1PNPDE20080528_035009_000000462069_00018_32637_9524.N1	28-MAY-2008 03:50:09	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	32637	No
49	GOM_TRA_1PNPDE20080528_035904_000000472069_00018_32637_9525.N1	28-MAY-2008 03:59:04	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32637	No

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



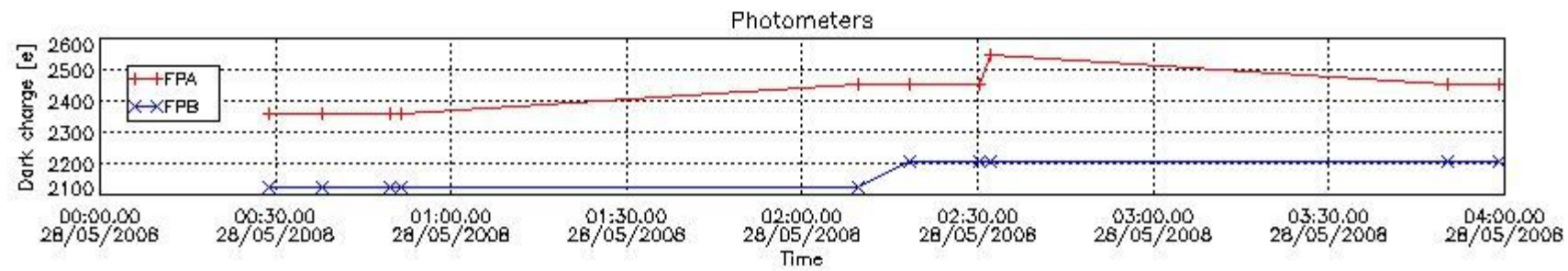
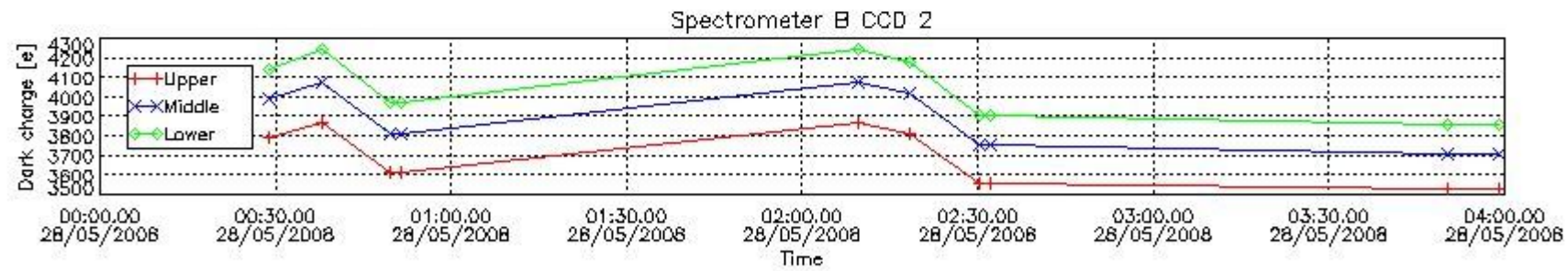
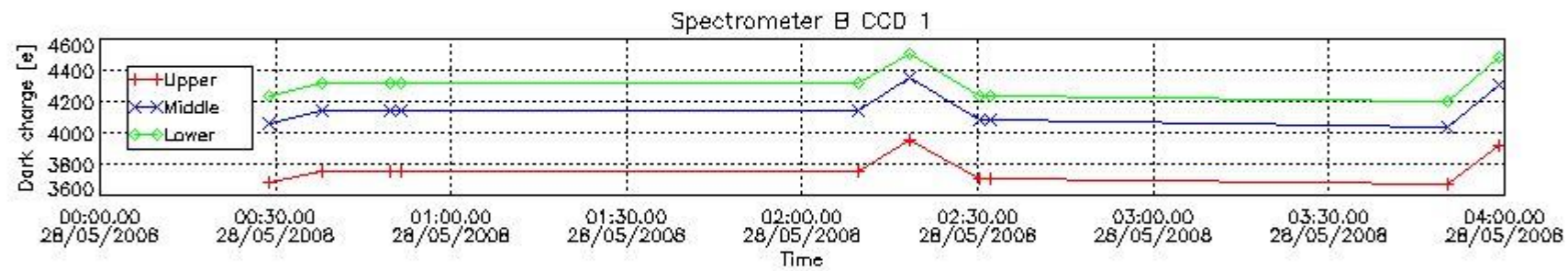
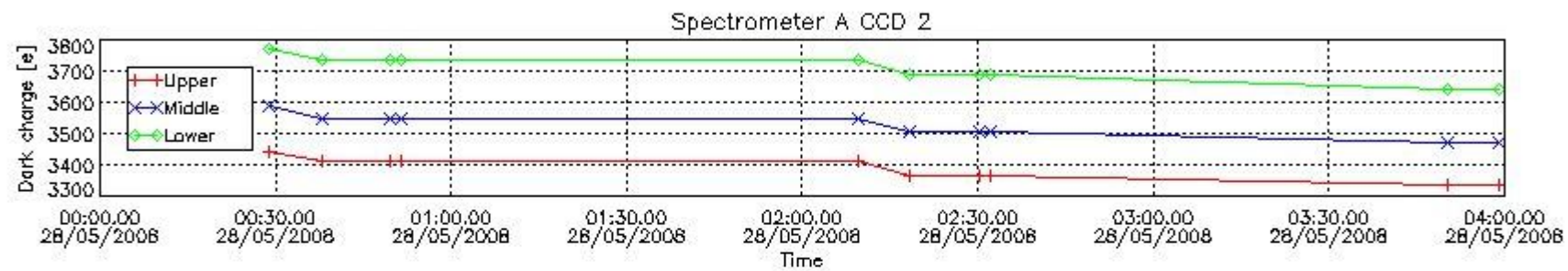
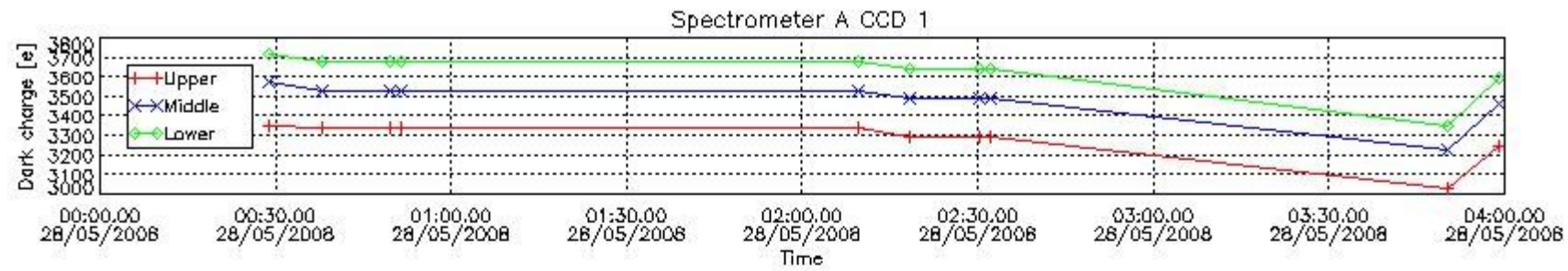
#### 4. Overview of dark signal processing per product

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



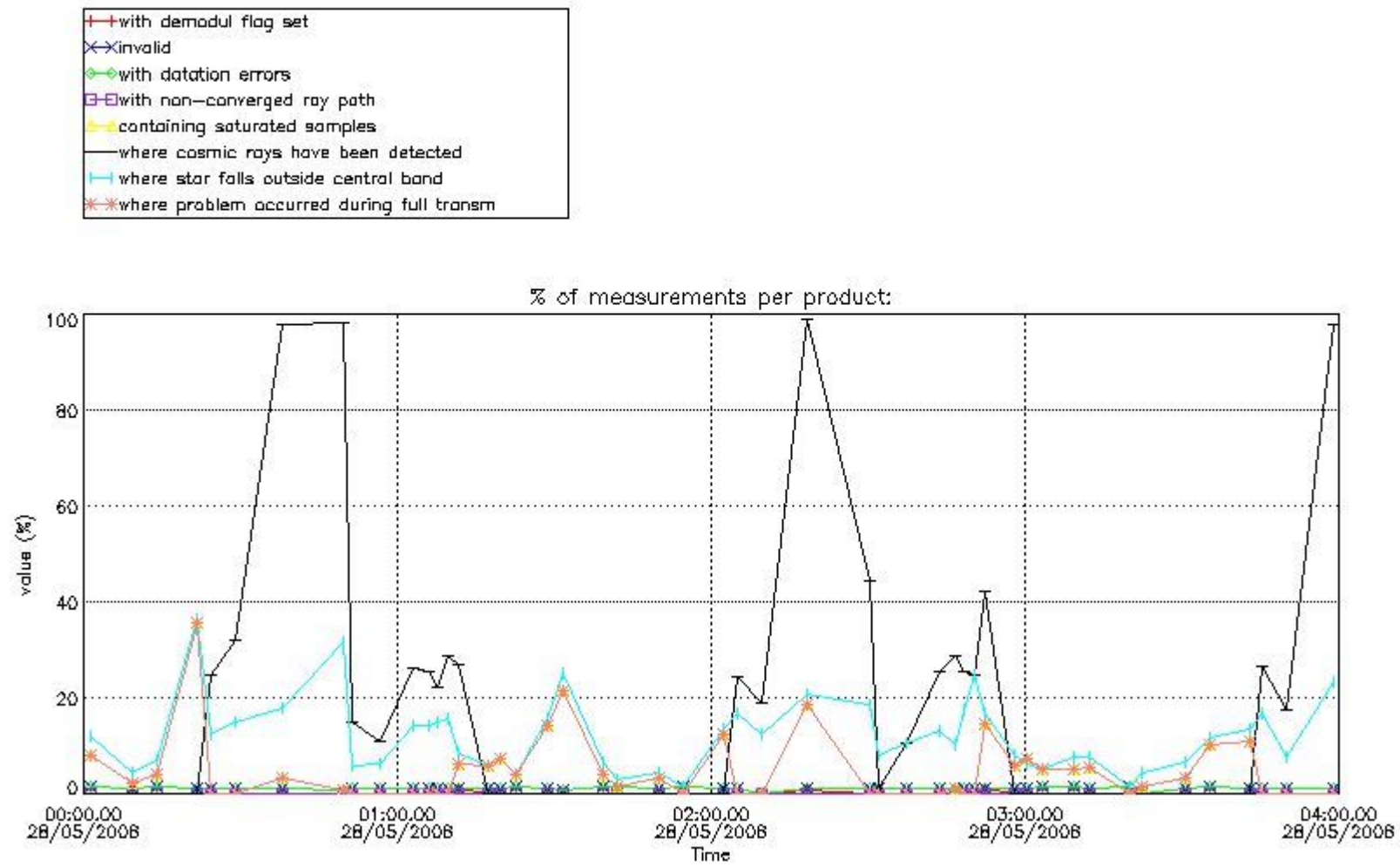
## 5. Demodulation flag and quality information monitoring

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.

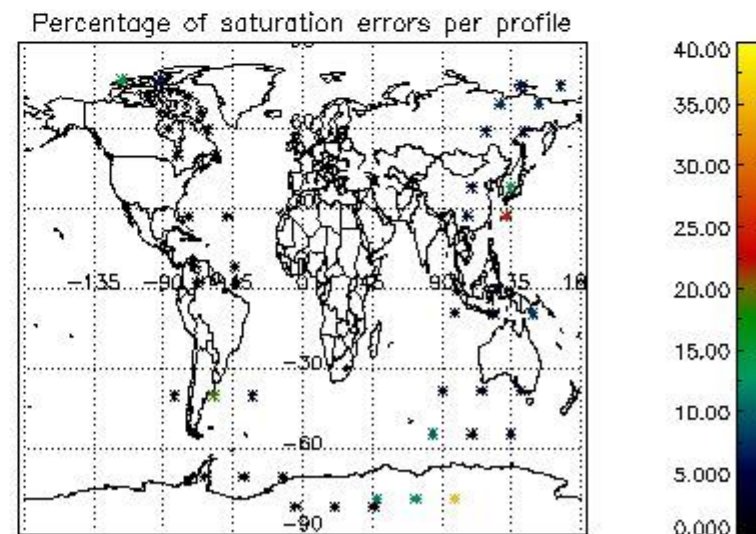
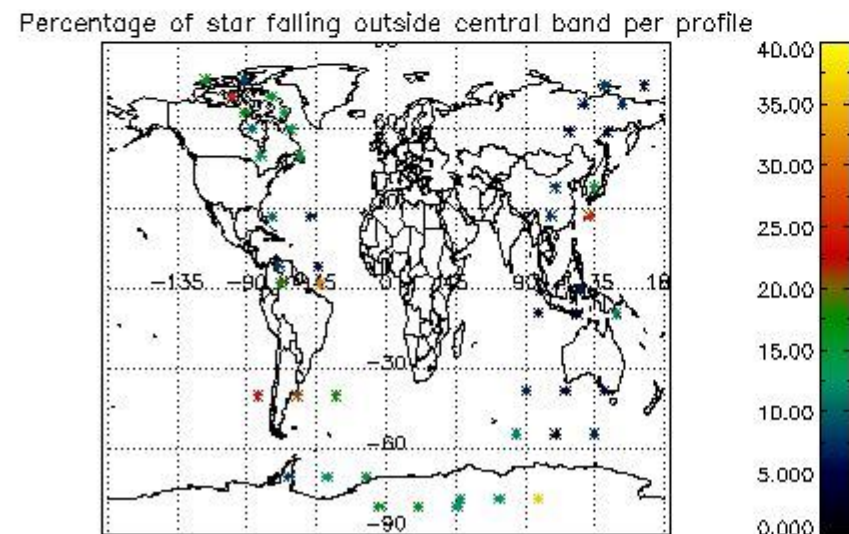
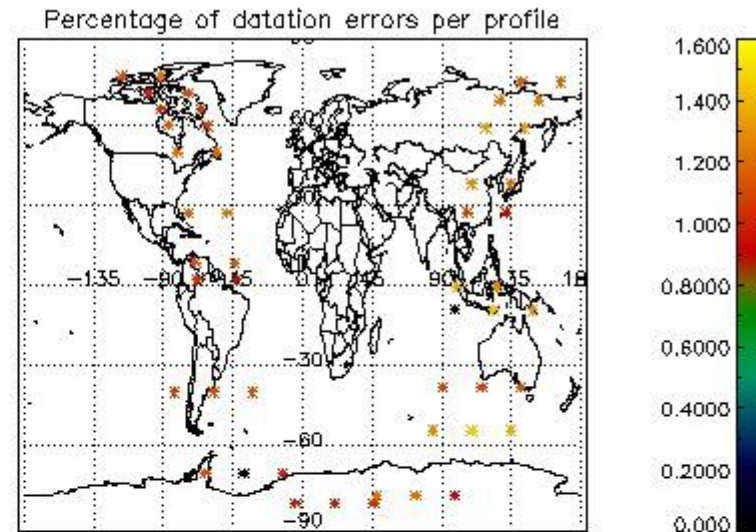
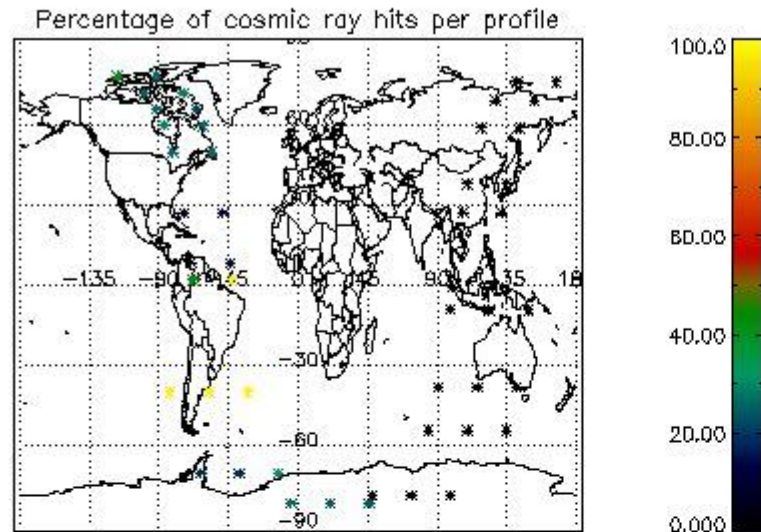
### 5.1 Percentage of products during reporting period with:

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)



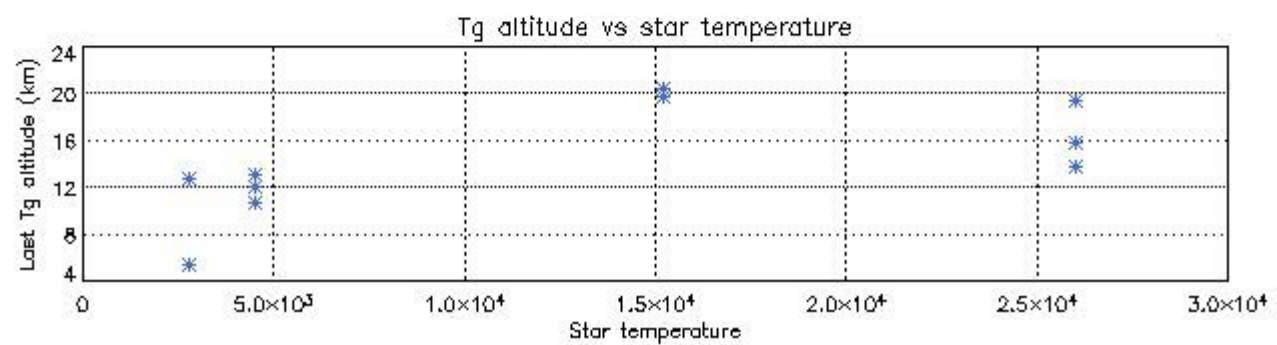
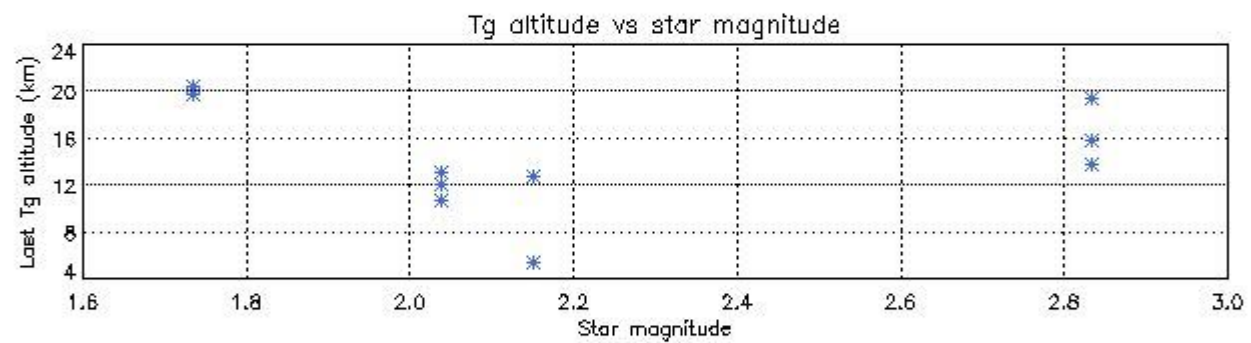
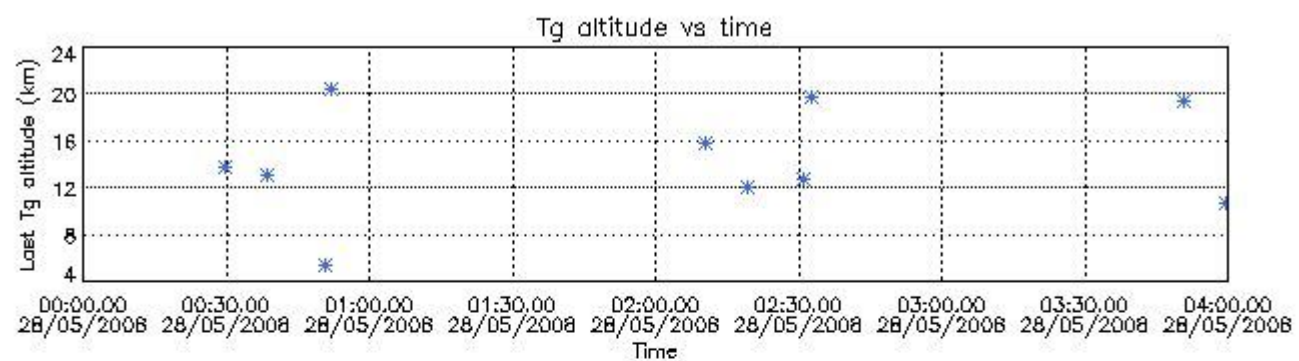
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.286	19.647	NaN
St. deviation:	4.6860	4.8962	NaN
Maximum:	20.361	27.090	NaN
Minimum:	5.2849	4.0547	NaN
Number of data:	10.000	24.000	NaN

### 6.2 Plot for DARK limb products

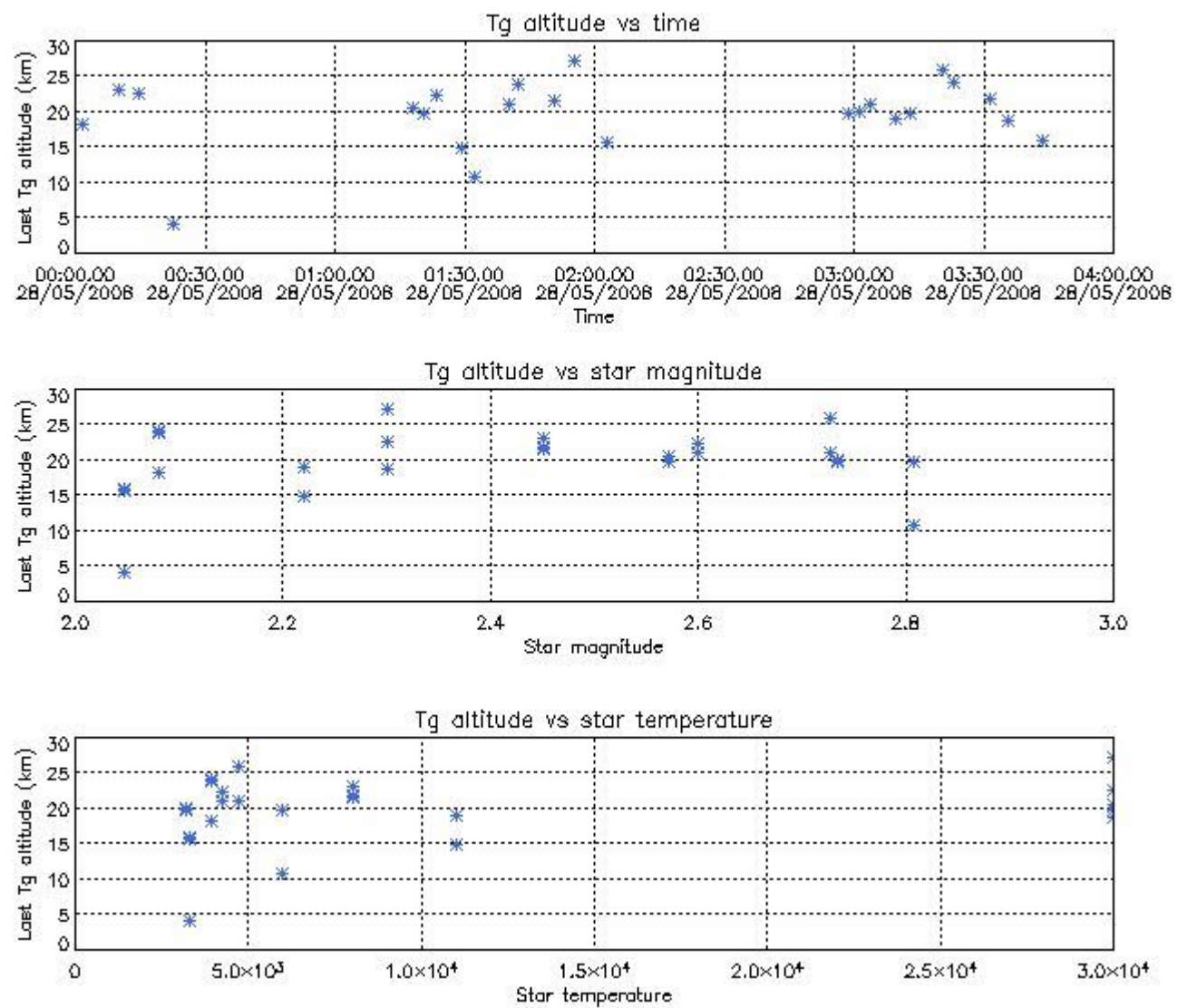
Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products



## Tangent altitude at which the star is lost

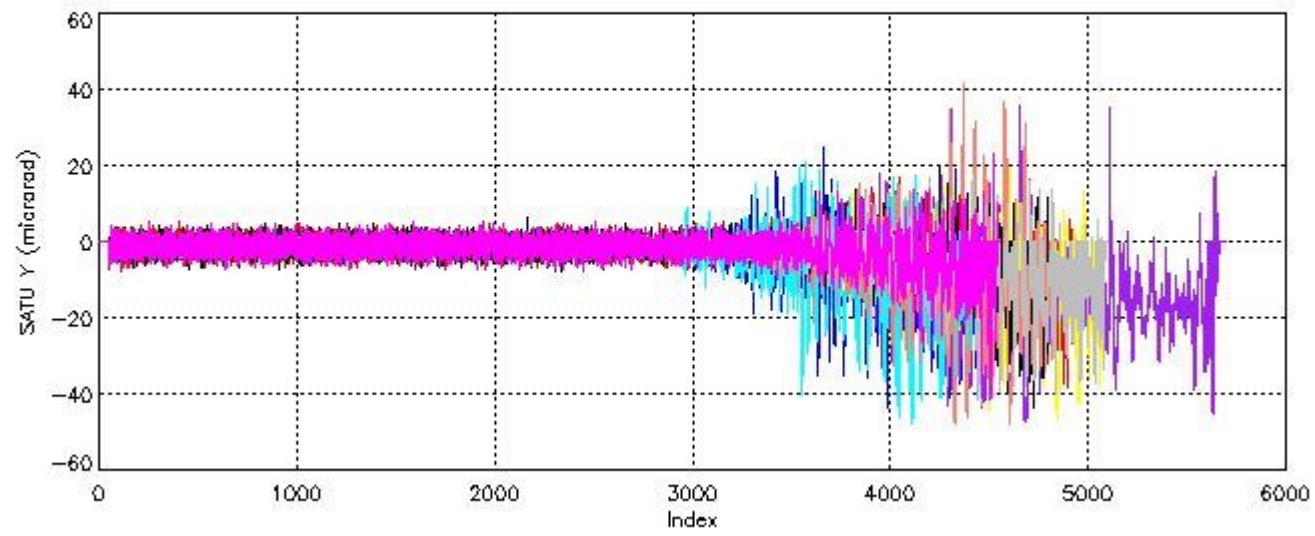
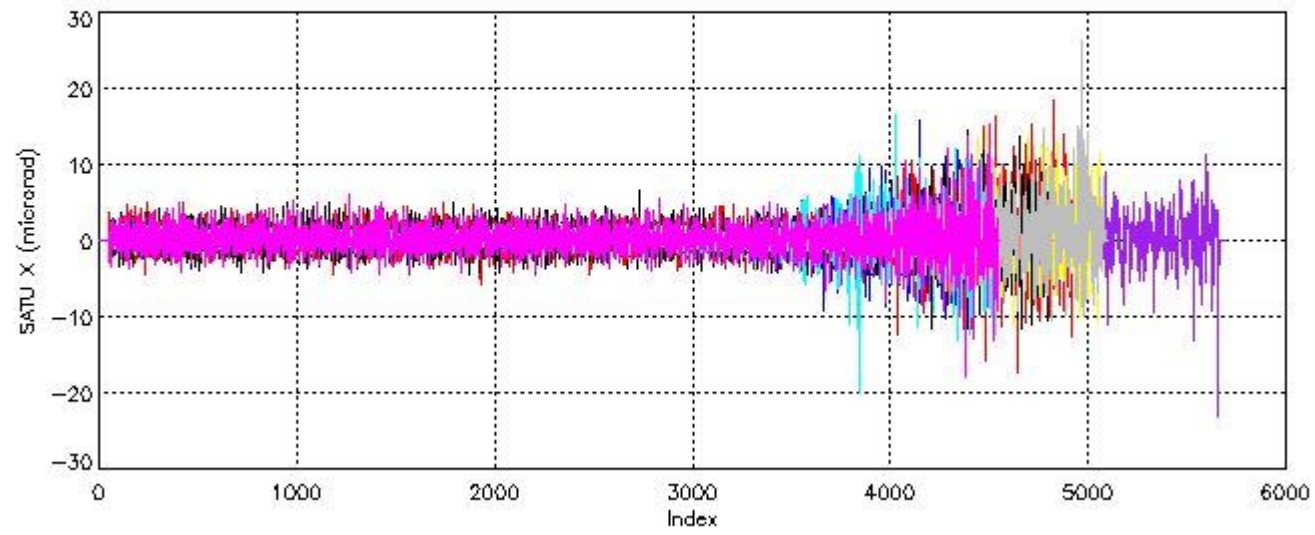


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.19285	-1.2020	0.20773	-1.2999
St. deviation:	0.67274	1.2395	0.68363	1.1135
Maximum:	5.2000	5.5000	4.3000	4.2000
Minimum:	-4.4000	-7.9000	-3.2000	-6.3000

Number of data:	10050.	10050.	21800.	21800.
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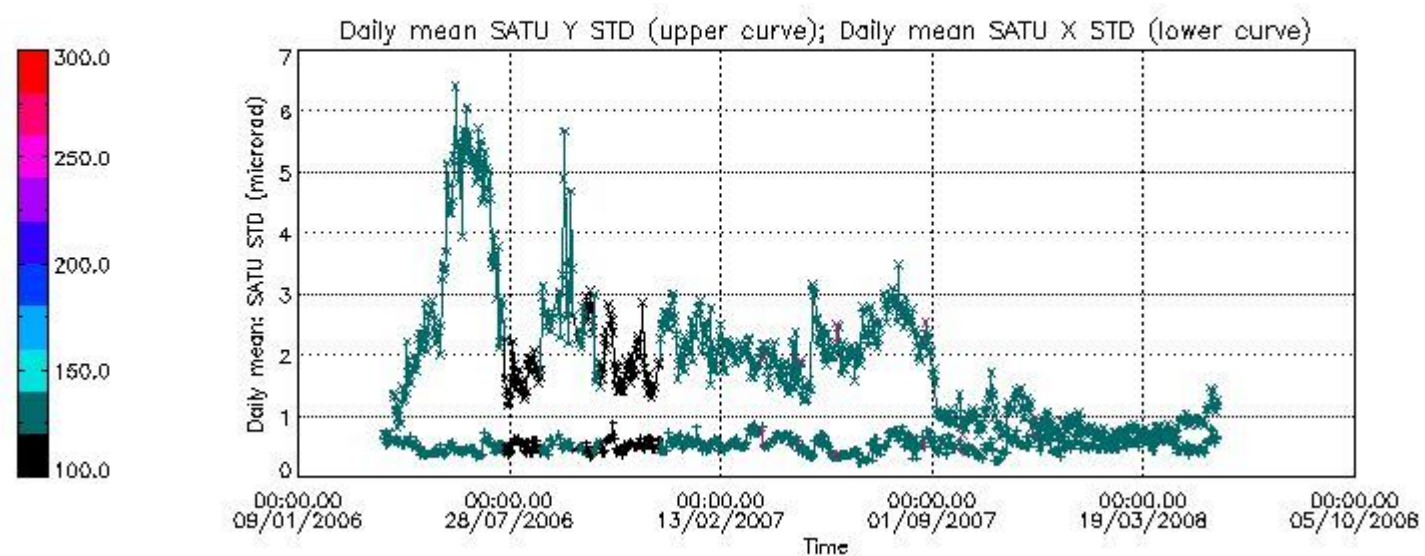
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

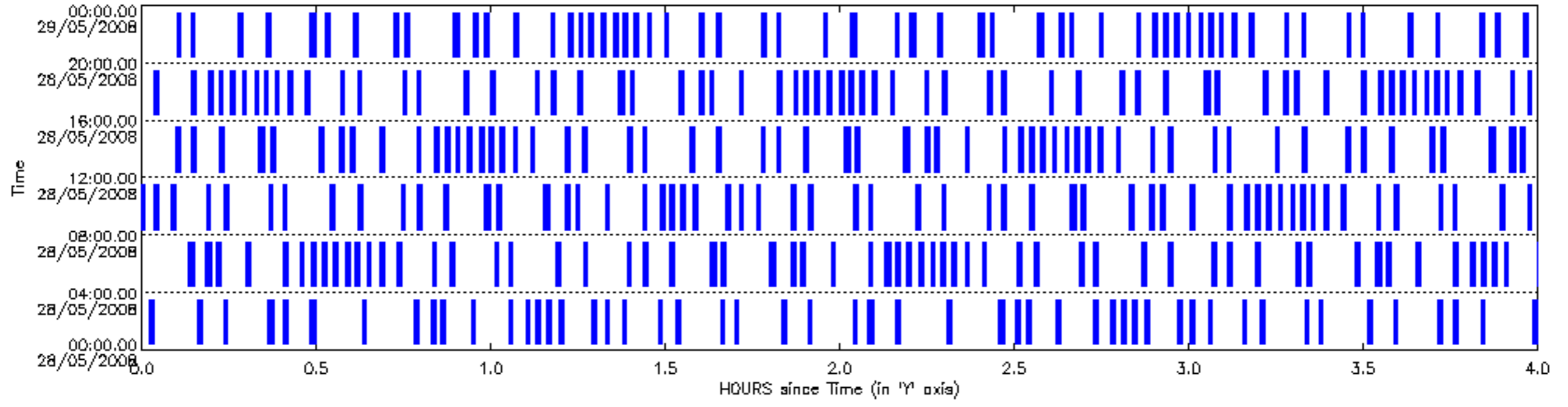
Lower curve: STD of SATU X axis

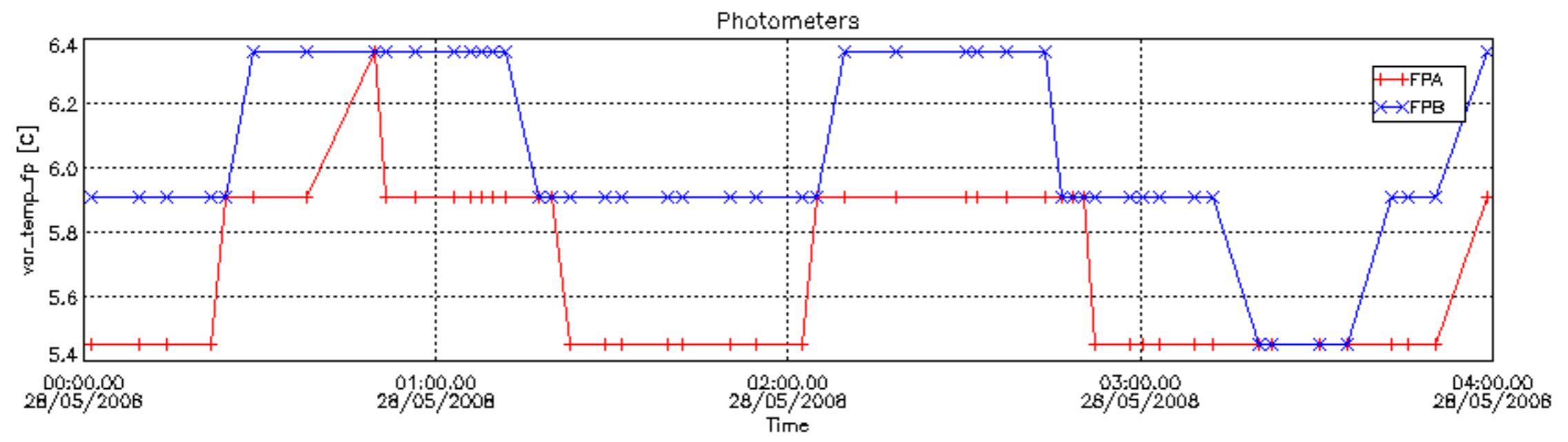
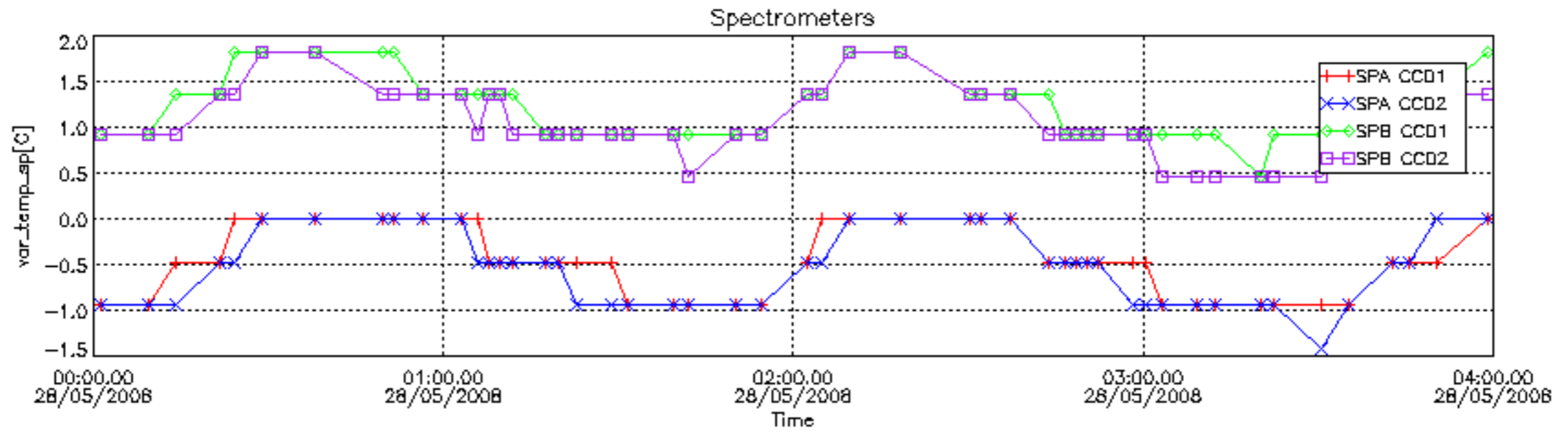


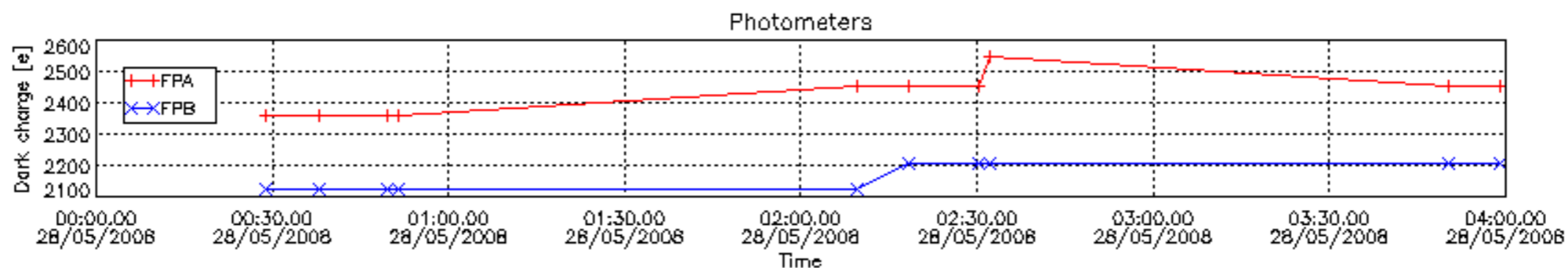
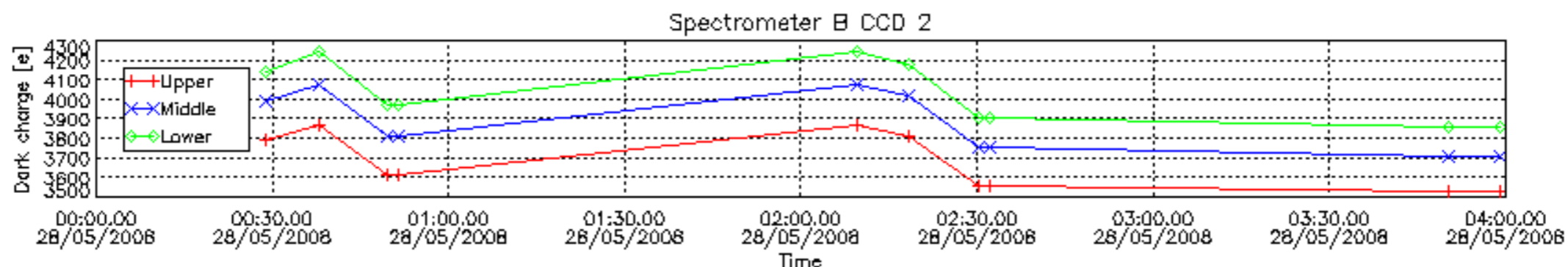
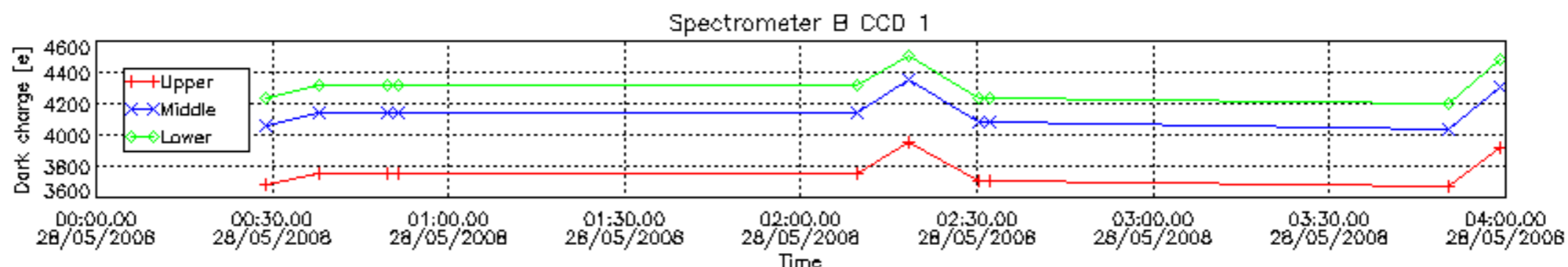
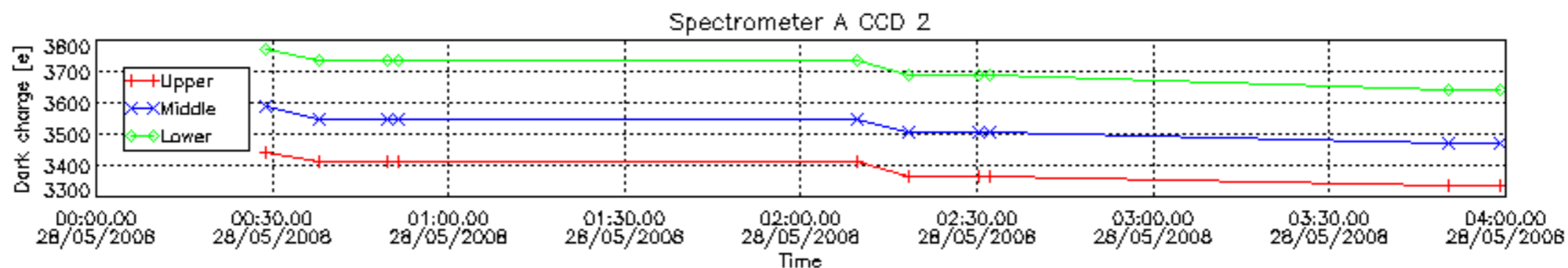
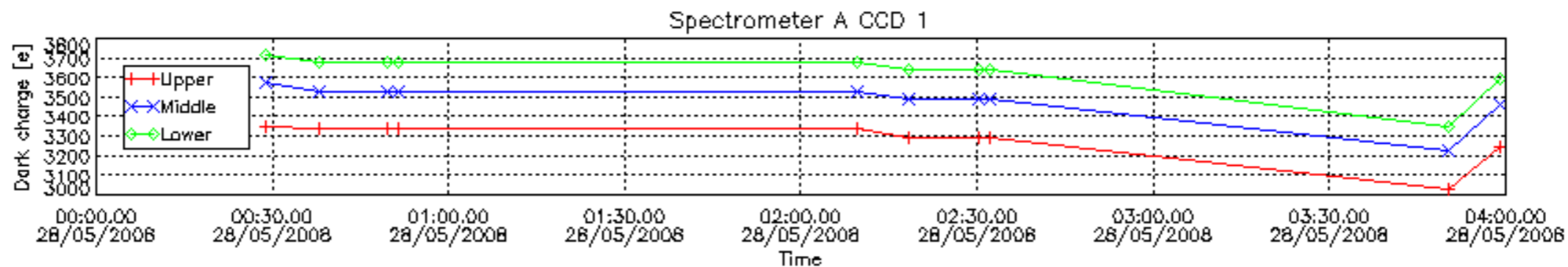
### 8. Auxiliary Data Files used for the production reported in section 2.4

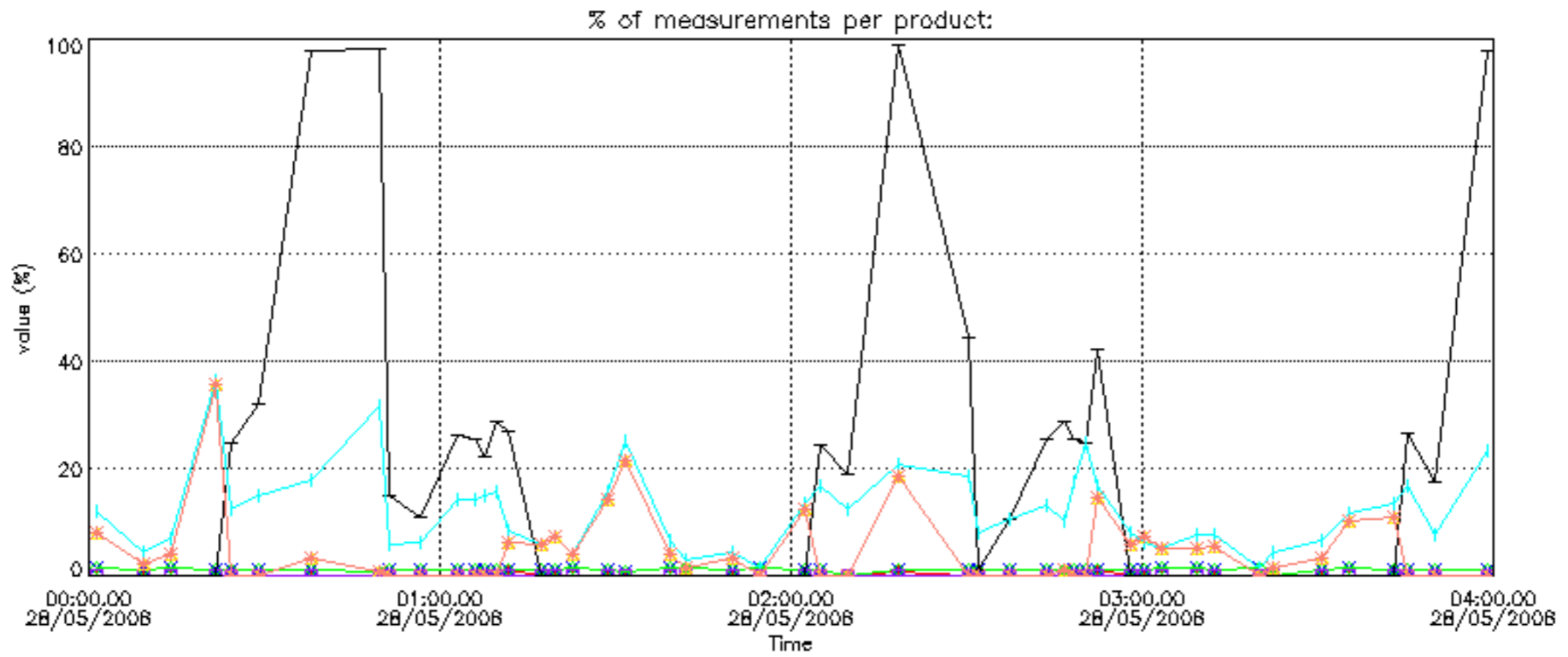
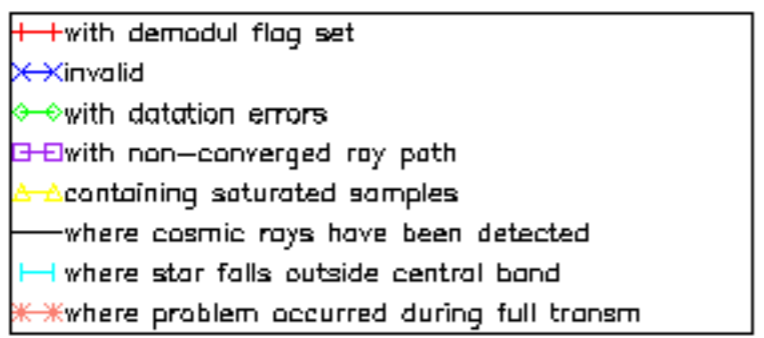
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	28-MAY-2008 00:01:17
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20080523_131121_20080521_000000_20100101_000000	1	28-MAY-2008 00:01:17
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	28-MAY-2008 00:01:17
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	28-MAY-2008 00:01:17
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	28-MAY-2008 00:01:17
ECMWF_FILE	AUX_ECF_AXNECM20080527_072114_20080527_210000_20080528_090000	1	28-MAY-2008 00:01:17
ECMWF_FILE	AUX_ECF_AXNECM20080527_190116_20080528_030000_20080528_150000	44	28-MAY-2008 03:30:39
OPTIONAL_ECMWF_FILE	MISSING	1	28-MAY-2008 00:01:17
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080527_211013_000060572069_00014_32633_5618.N1	1	28-MAY-2008 00:01:17
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080527_225629_000054192069_00015_32634_5619.N1	7	28-MAY-2008 00:37:51
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080528_003207_000057382069_00016_32635_5620.N1	28	28-MAY-2008 02:18:27
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080528_020745_000044632069_00017_32636_5621.N1	44	28-MAY-2008 03:30:39

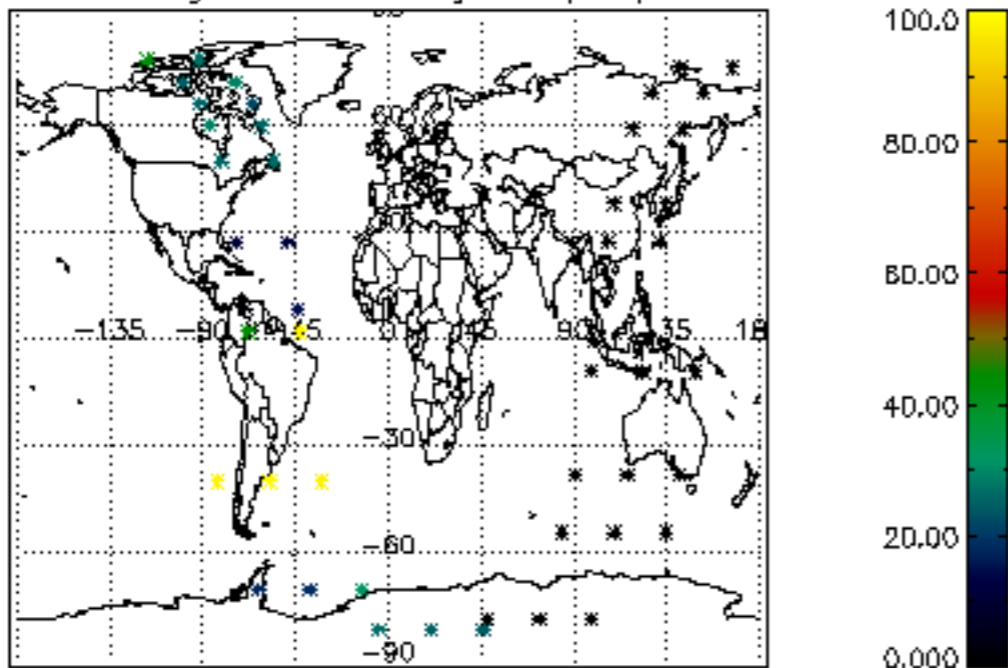




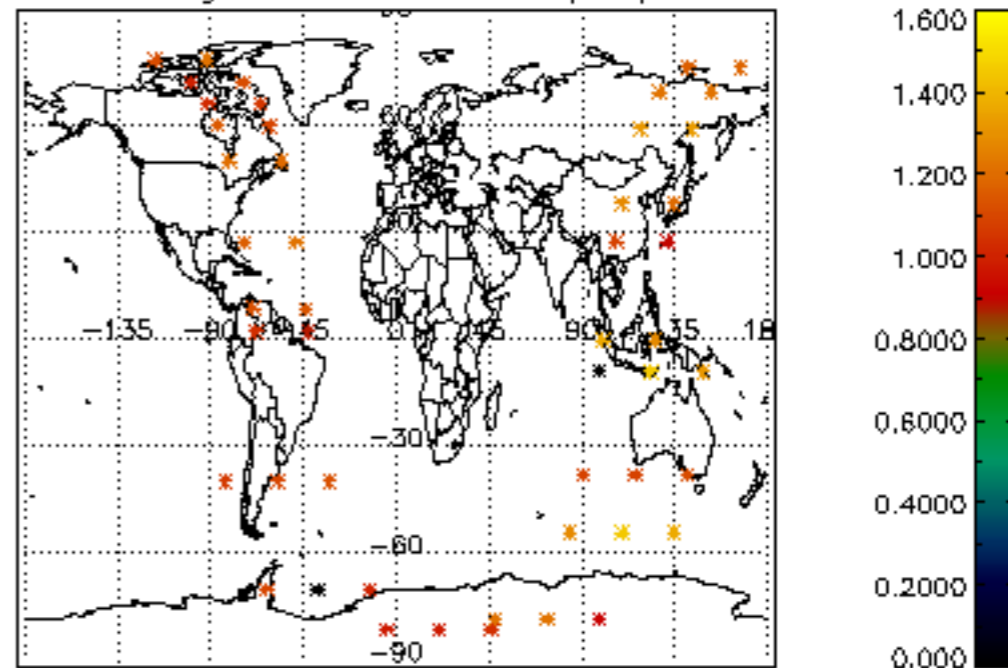




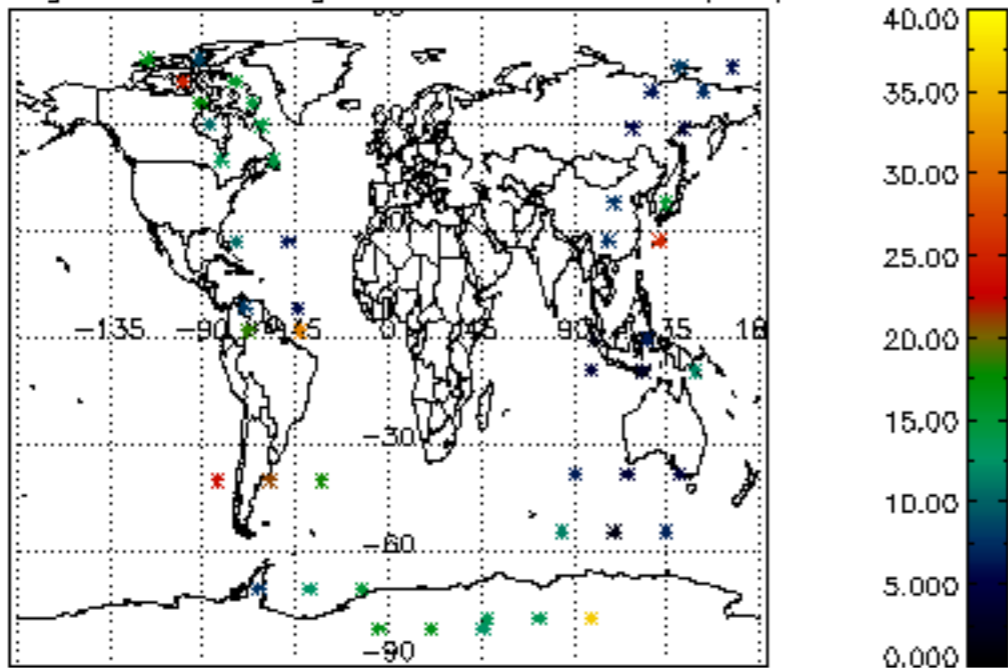
Percentage of cosmic ray hits per profile



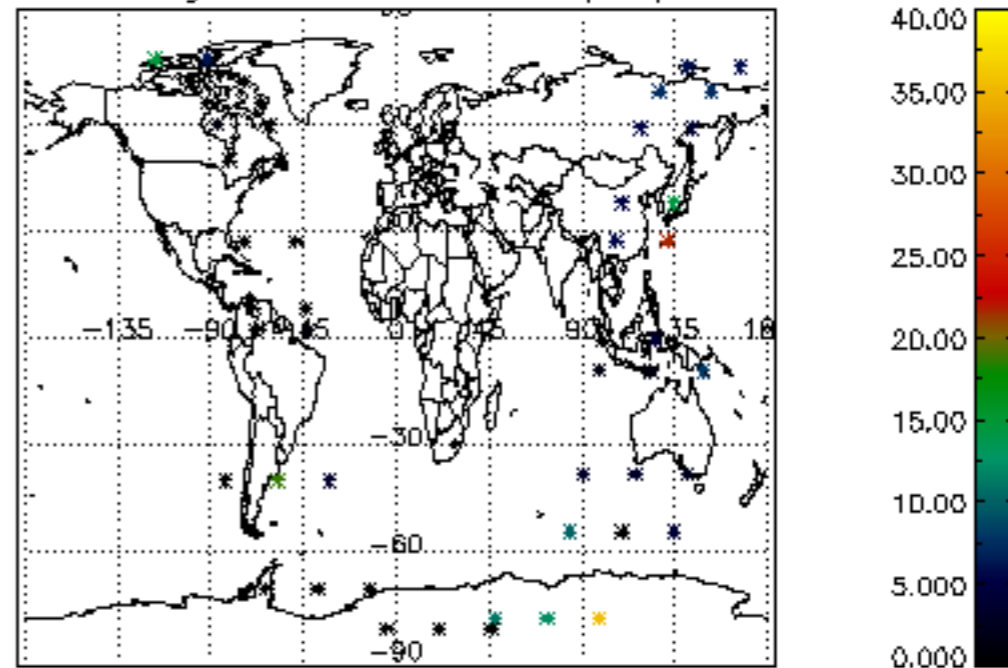
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

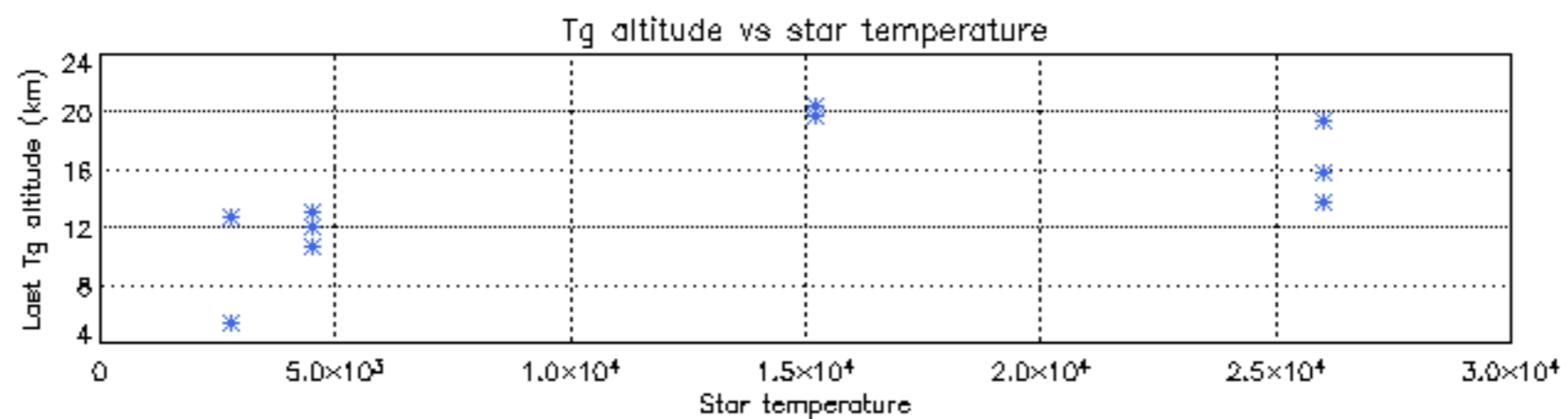
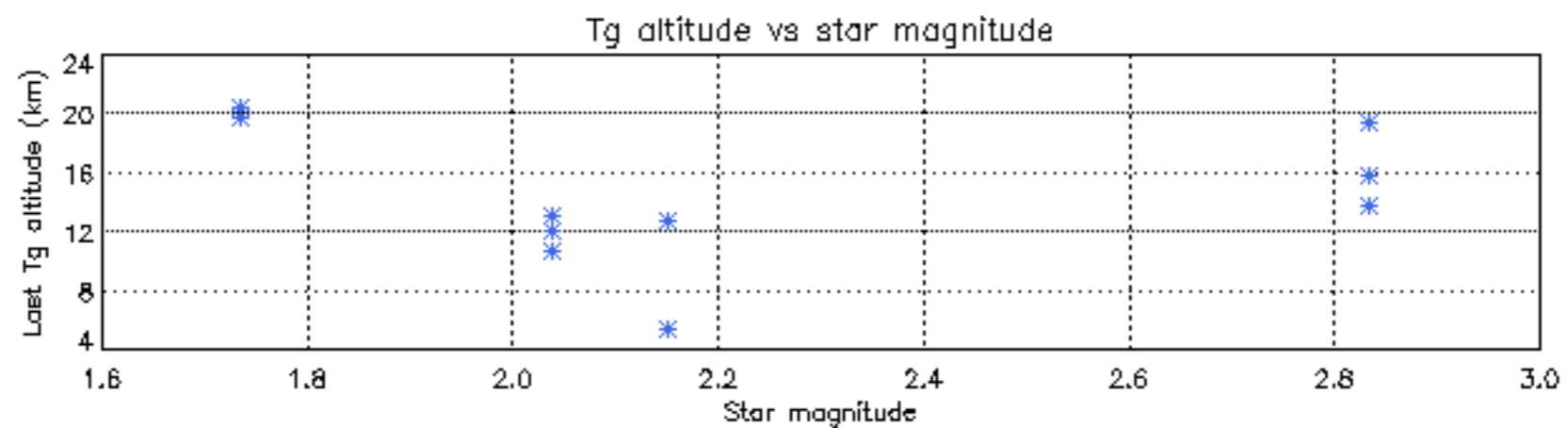
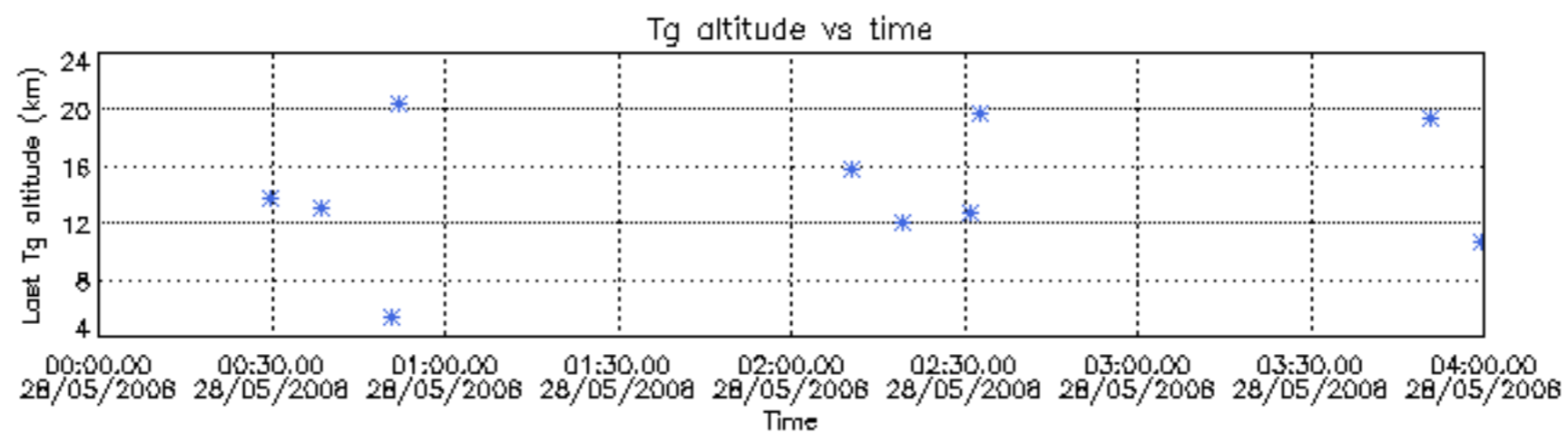


Percentage of saturation errors per profile

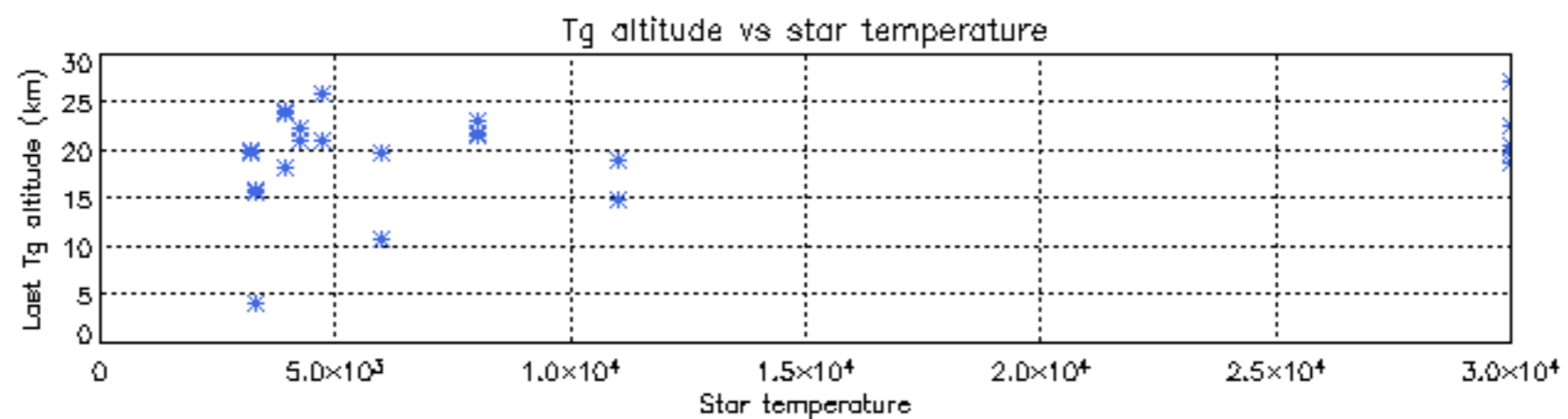
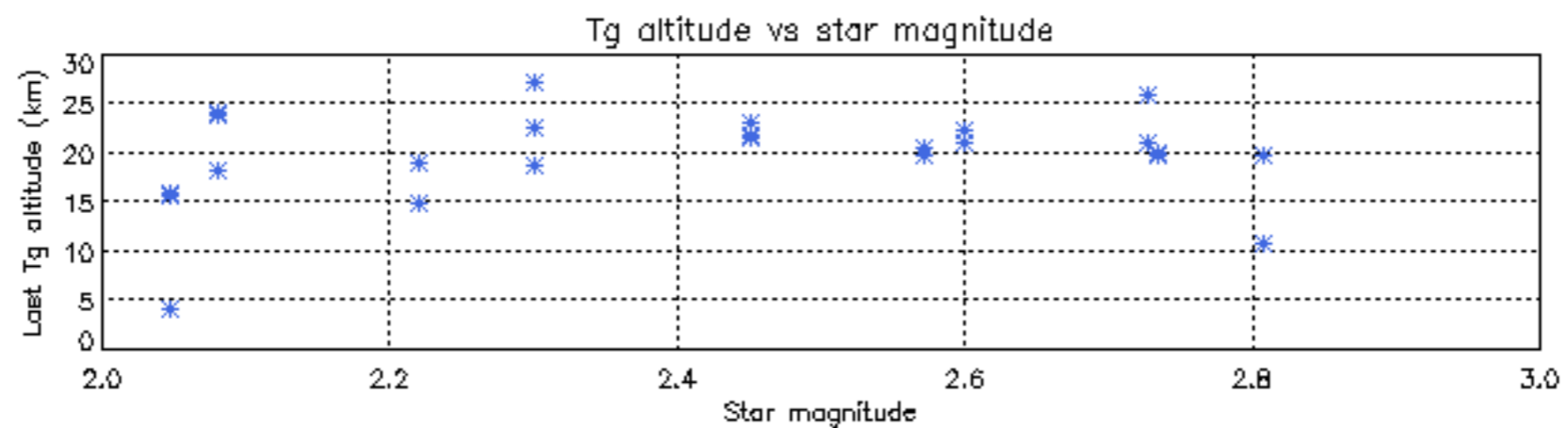
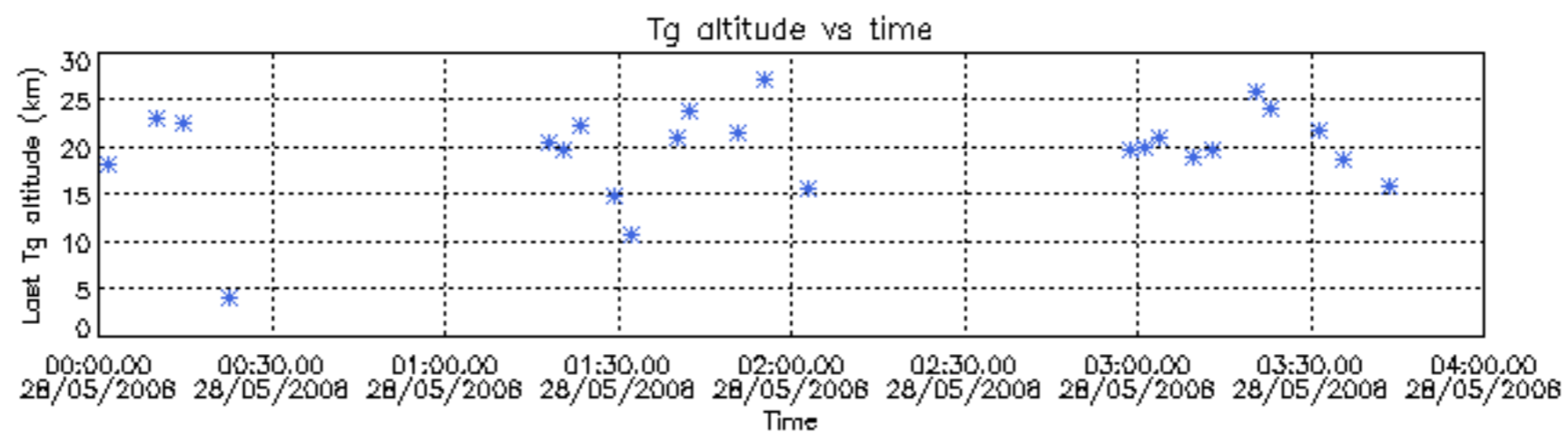


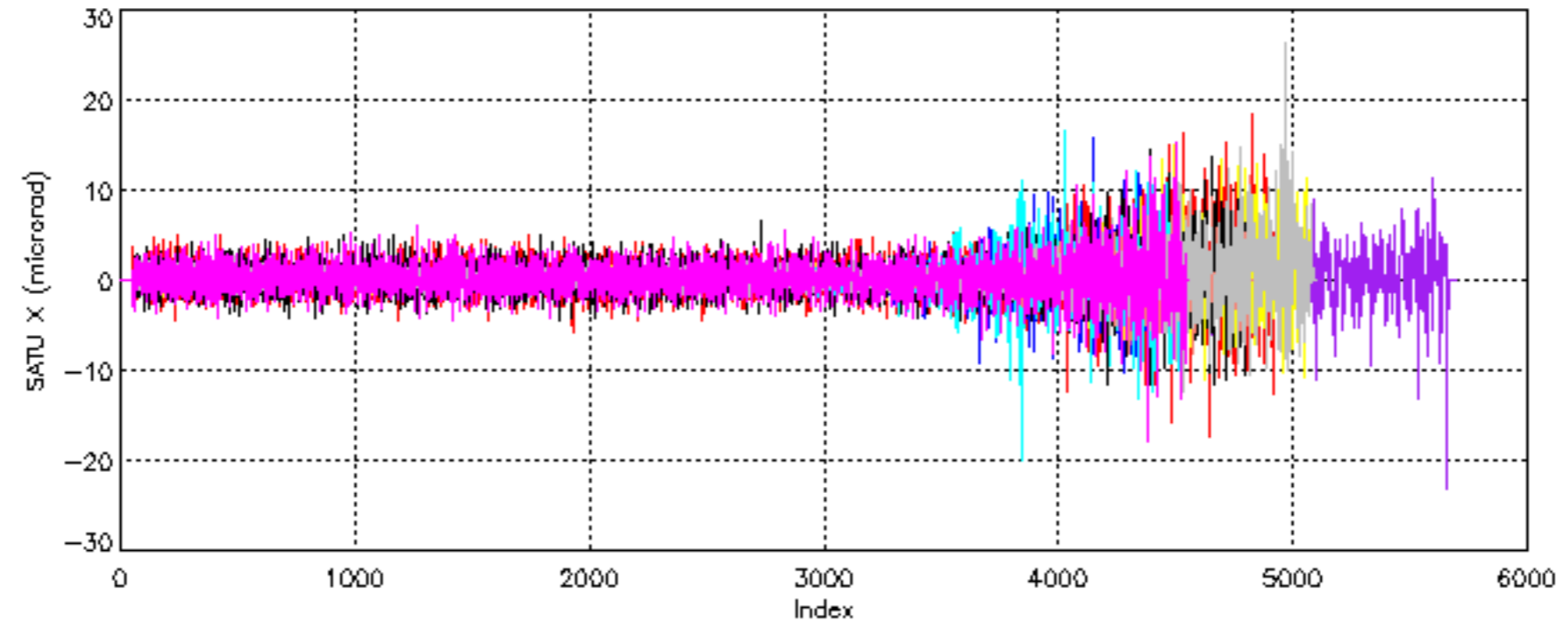


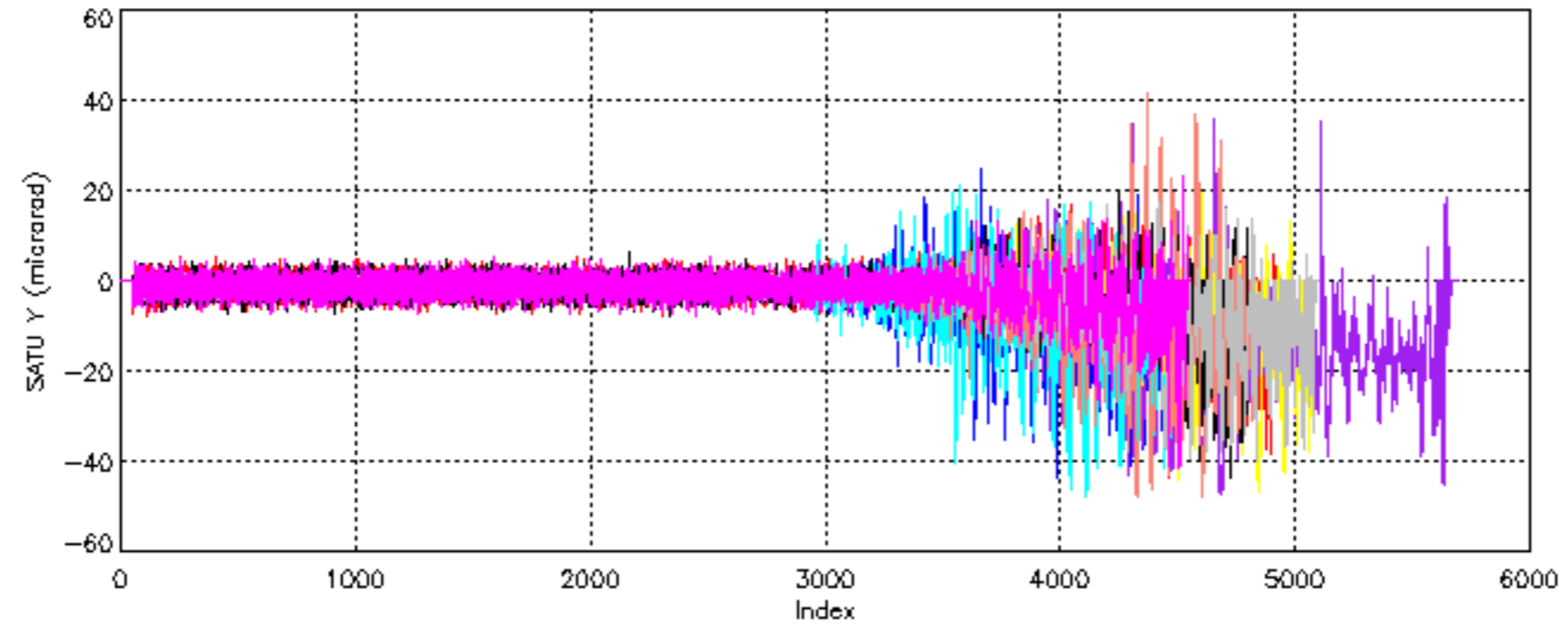
Tangent altitude at which the star is lost

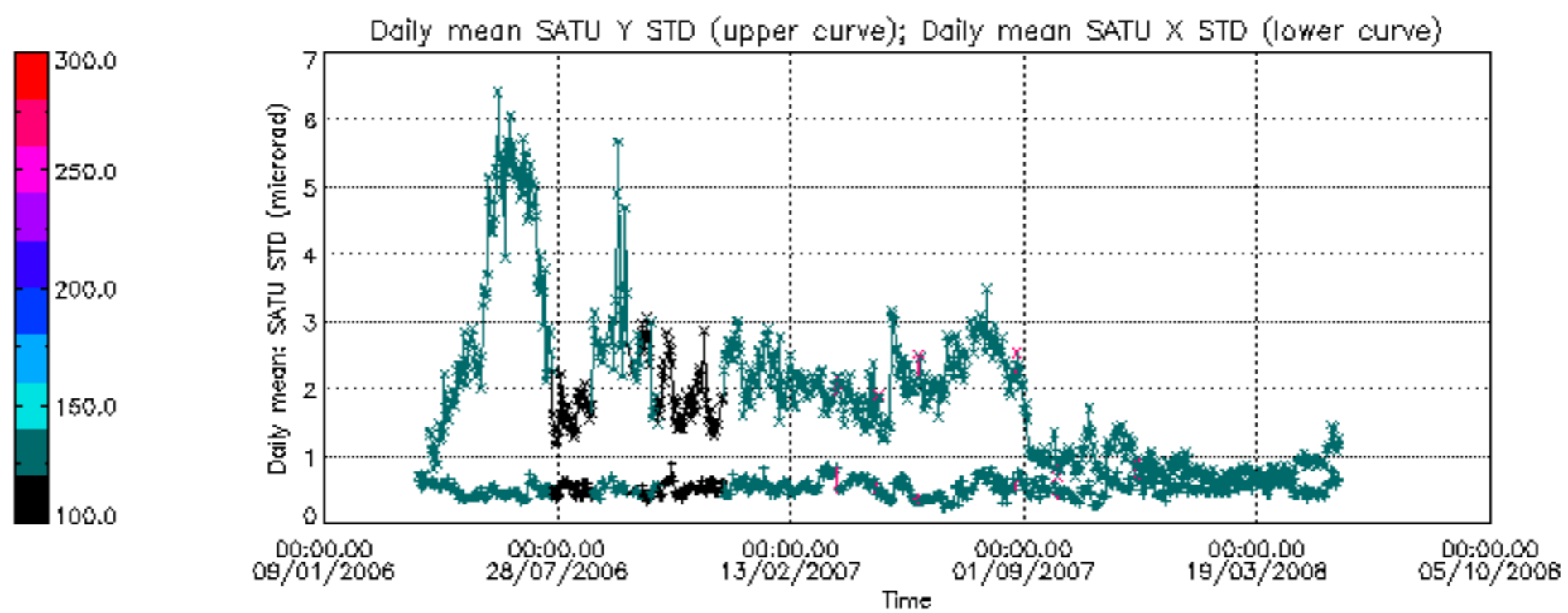


Tangent altitude at which the star is lost









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 3; -363.8; 01-MAY-2008 01:31:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32249  
 4; -144.6; 01-MAY-2008 01:35:30; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;32249  
 5; 579.3; 01-MAY-2008 01:47:34; Dark ; 38.5; 43; Alp TrA ; 1.91; 4250;occ; 77; 0;32250  
 6; 711.2; 01-MAY-2008 01:49:46; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32250  
 7; 834.0; 01-MAY-2008 01:51:49; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;32250  
 8; 925.5; 01-MAY-2008 01:53:21; Dark ; 37.0; 20; Bet Cru ; 1.25; 30000;occ; 74; 0;32250  
 9; 999.9; 01-MAY-2008 01:54:35; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0;32250  
 10; 1107.3; 01-MAY-2008 01:56:22; Dark ; 36.5; 64; Gam Cen ; 2.20; 10600;occ; 73; 0;32250  
 11; 1257.2; 01-MAY-2008 01:58:52; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;32250  
 12; 1513.6; 01-MAY-2008 02:03:09; Dark ; 41.0; 169; 46Gam Hya ; 2.99; 4700;occ; 82; 0;32250  
 13; 1712.8; 01-MAY-2008 02:06:28; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;32250  
 14; 1897.6; 01-MAY-2008 02:09:33; Bright; 49.0; 121; 29Gam Vir ; 2.74; 7200;occ; 98; 0;32250  
 15; 2096.0; 01-MAY-2008 02:12:51; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;32250  
 16; 2204.4; 01-MAY-2008 02:14:40; Bright; 36.0; 62; 94Bet Leo ; 2.14; 9700;occ; 72; 0;32250  
 17; 2559.7; 01-MAY-2008 02:20:35; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;32250  
 18; 2729.7; 01-MAY-2008 02:23:25; Bright; 34.5; 174; 52Psi UMa ; 3.00; 4400;occ; 69; 0;32250  
 19; 2833.8; 01-MAY-2008 02:25:09; Bright; 36.0; 87; 64Gam UMa ; 2.43; 11000;occ; 72; 0;32250  
 20; 2918.7; 01-MAY-2008 02:26:34; Bright; 35.5; 82; 48Bet UMa ; 2.37; 10600;occ; 71; 0;32250  
 21; 2997.3; 01-MAY-2008 02:27:52; Bright; 36.0; 36; 50Alp UMa ; 1.80; 6300;occ; 72; 0;32250  
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 8; 711.5; 01-MAY-2008 03:30:23; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32251  
 9; 834.4; 01-MAY-2008 03:32:25; Dark ; 44.5; 4; Alp1Cen ; -0.01; 5800;occ; 89; 0;32251  
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 23; 2997.7; 01-MAY-2008 04:08:29; Bright; 32.5; 36; 50Alp UMa ; 1.80; 6300;occ; 65; 0;32251  
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 14; 1514.2; 01-MAY-2008 05:24:21; Bright; 36.5; 169; 46Gam Hya ; 2.99; 4700;occ; 73; 0;32252  
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 16; 1898.0; 01-MAY-2008 05:30:45; Bright; 36.0; 121; 29Gam Vir ; 2.74; 7200;occ; 72; 0;32252  
 17; 2096.4; 01-MAY-2008 05:34:03; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;32252  
 18; 2205.2; 01-MAY-2008 05:35:52; Bright; 39.0; 62; 94Bet Leo ; 2.14; 9700;occ; 78; 0;32252  
 19; 2559.7; 01-MAY-2008 05:41:47; Bright; 34.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 68; 0;32252

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21; 2834.3; 01-MAY-2008 05:46:21; Bright; 36.0; 87; 64Gam UMa ; 2.43; 11000;occ; 72; 0;32252
22; 2919.4; 01-MAY-2008 05:47:46; Bright; 36.5; 82; 48Bet UMa ; 2.37; 10600;occ; 73; 0;32252
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 3; 926.7; 01-MAY-2008 20:19:57; Dark ; 43.0; 20; Bet Cru ; 1.25; 30000;occ; 86; 0;32261
 4; 1002.1; 01-MAY-2008 20:21:13; Dark ; 36.5; 77; Eps Cen ; 2.30; 28000;occ; 73; 0;32261
 5; 1108.7; 01-MAY-2008 20:22:59; Dark ; 39.5; 64; Gam Cen ; 2.20; 10600;occ; 79; 0;32261
 6; 1259.9; 01-MAY-2008 20:25:31; Dark ; 41.5; 54; 5The Cen ; 2.06; 4500;occ; 83; 0;32261
 7; 1515.7; 01-MAY-2008 20:29:46; Bright; 37.5; 169; 46Gam Hya ; 2.99; 4700;occ; 75; 0;32261
 8; 1714.3; 01-MAY-2008 20:33:05; Bright; 38.5; 15; 67Alp Vir ; 0.98; 28000;occ; 77; 0;32261
 9; 1899.4; 01-MAY-2008 20:36:10; Bright; 35.5; 121; 29Gam Vir ; 2.74; 7200;occ; 71; 0;32261
10; 2097.0; 01-MAY-2008 20:39:28; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32261
11; 2208.0; 01-MAY-2008 20:41:19; Bright; 37.0; 62; 94Bet Leo ; 2.14; 9700;occ; 74; 0;32261
12; 2559.8; 01-MAY-2008 20:47:10; Bright; 34.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 69; 0;32261
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17; 3444.9; 01-MAY-2008 21:01:56; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32261
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19; 4002.1; 01-MAY-2008 21:11:13; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32261
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 3; -379.7; 01-MAY-2008 21:38:47; Dark ; 39.0; 84; Alp Phe ; 2.40; 4500;occ; 78; 0;32261
 4; -307.7; 01-MAY-2008 21:39:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32261
 5; -137.8; 01-MAY-2008 21:42:49; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32261
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11; 1002.3; 01-MAY-2008 22:01:49; Dark ; 37.5; 77; Eps Cen ; 2.30; 28000;occ; 75; 0;32262
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19; 2559.8; 01-MAY-2008 22:27:46; Bright; 33.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 67; 0;32262
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21; 2835.9; 01-MAY-2008 22:32:22; Bright; 35.0; 87; 64Gam UMa ; 2.43; 11000;occ; 70; 0;32262
22; 2922.2; 01-MAY-2008 22:33:49; Bright; 35.5; 82; 48Bet UMa ; 2.37; 10600;occ; 71; 0;32262
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 4; 2221.5; 09-MAY-2008 14:48:01; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32372  
 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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 19; 5967.7; 09-MAY-2008 15:50:27; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 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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 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  
 8; 2749.9; 09-MAY-2008 16:37:25; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 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  
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 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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 27; 7111.0; 09-MAY-2008 17:50:06; Dark ; 38.5; 78; Alp Lup ; 2.30; 28000;occ; 77; 0;32373  
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4; 1605.5; 09-MAY-2008 17:58:57; Bright; 38.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 77; 0;32374
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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22; 5969.0; 09-MAY-2008 19:11:40; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32374
23; 6097.3; 09-MAY-2008 19:13:48; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32374
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3; 1284.9; 09-MAY-2008 19:34:12; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32375
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6; 2111.6; 09-MAY-2008 19:47:59; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32375
7; 2221.3; 09-MAY-2008 19:49:49; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32375
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9; 2749.7; 09-MAY-2008 19:58:37; Bright; 35.5; 39; 85Eta UMA ; 1.85; 24000;occ; 71; 0;32375
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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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19; 5618.4; 09-MAY-2008 20:46:26; Dark ; 46.5; 18; 24Alp PsA ; 1.17; 9700;occ; 93; 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
24; 6305.0; 09-MAY-2008 20:57:52; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32375
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
28; 7111.4; 09-MAY-2008 21:11:19; Dark ; 14.5; 78; Alp Lup ; 2.30; 28000;occ; 29; 0;32375
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5; -65.1; 10-MAY-2008 00:13:30; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32377
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
10; 864.6; 10-MAY-2008 00:28:59; Dark ; 50.0; 4; Alp1Cen ; -0.01; 5800;occ; 100; 0;32378
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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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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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27; 4742.0; 10-MAY-2008 01:33:37; Dark ; 38.5; 140; 88Gam Peg ; 2.83; 26000;occ; 77; 0;32378
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3; 623.4; 10-MAY-2008 03:46:10; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;32380
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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15; 1181.4; 14-MAY-2008 08:31:24; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;32440  
16; 1297.4; 14-MAY-2008 08:33:20; Dark ; 39.5; 54; 5The Cen ; 2.06; 4500;occ; 79; 0;32440  
17; 1613.8; 14-MAY-2008 08:38:37; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32440

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3; 2124.9; 14-MAY-2008 08:47:08; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32440  
4; 2222.0; 14-MAY-2008 08:48:45; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32440  
5; 2574.4; 14-MAY-2008 08:54:37; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32440  
6; 2745.8; 14-MAY-2008 08:57:29; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32440  
7; 2841.1; 14-MAY-2008 08:59:04; Bright; 37.0; 55; 79Zet UMa ; 2.06; 10200;occ; 74; 0;32440  
8; 3054.2; 14-MAY-2008 09:02:37; Bright; 37.0; 36; 50Alp UMa ; 1.80; 6300;occ; 74; 0;32440  
9; 3185.9; 14-MAY-2008 09:04:49; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;32440  
10; 3446.1; 14-MAY-2008 09:09:09; Bright; 32.0; 49; 1Alp UMi ; 1.99; 6300;occ; 64; 0;32440  
11; 3937.7; 14-MAY-2008 09:17:20; Bright; 36.5; 76; 27Gam Cas ; 2.30; 30000;occ; 73; 0;32440  
12; 4011.4; 14-MAY-2008 09:18:34; Bright; 44.5; 68; 18Alp Cas ; 2.22; 4500;occ; 89; 0;32440  
13; 4758.7; 14-MAY-2008 09:31:01; Dark ; 41.0; 140; 88Gam Peg ; 2.83; 26000;occ; 82; 0;32440  
14; 5282.5; 14-MAY-2008 09:39:45; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32440  
15; 5572.7; 14-MAY-2008 09:44:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32440  
16; 5691.2; 14-MAY-2008 09:46:34; Dark ; 40.0; 84; Alp Phe ; 2.40; 4500;occ; 80; 0;32440  
17; 5929.4; 14-MAY-2008 09:50:32; Dark ; 41.0; 63; Bet Gru ; 2.15; 2800;occ; 82; 0;32440  
18; 6015.9; 14-MAY-2008 09:51:59; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;32440  
19; 6127.0; 14-MAY-2008 09:53:50; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32440  
20; 6350.4; 14-MAY-2008 09:57:33; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32440  
21; 6678.3; 14-MAY-2008 10:03:01; Dark ; 37.0; 43; Alp TrA ; 1.91; 4250;occ; 74; 0;32440  
22; 6809.3; 14-MAY-2008 10:05:12; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32440  
23; 6913.0; 14-MAY-2008 10:06:56; Dark ; 48.0; 4; Alp1Cen ; -0.01; 5800;occ; 96; 0;32440  
24; 7126.8; 14-MAY-2008 10:10:30; Dark ; 38.0; 78; Alp Lup ; 2.30; 28000;occ; 76; 0;32440  
25; 7217.5; 14-MAY-2008 10:12:00; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32440  
26; 7333.5; 14-MAY-2008 10:13:56; Dark ; 38.5; 54; 5The Cen ; 2.06; 4500;occ; 77; 0;32440  
27; 7649.7; 14-MAY-2008 10:19:12; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32440

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 3; 2221.9; 14-MAY-2008 10:29:20; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;32441  
 4; 2574.2; 14-MAY-2008 10:35:13; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32441  
 5; 2745.8; 14-MAY-2008 10:38:04; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32441  
 6; 2841.1; 14-MAY-2008 10:39:40; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32441  
 7; 3054.5; 14-MAY-2008 10:43:13; Bright; 36.0; 36; 50Alp UMa ; 1.80; 6300;occ; 72; 0;32441  
 8; 3185.7; 14-MAY-2008 10:45:24; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32441  
 9; 3446.1; 14-MAY-2008 10:49:45; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32441  
 10; 3937.7; 14-MAY-2008 10:57:56; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32441  
 11; 4011.4; 14-MAY-2008 10:59:10; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32441  
 12; 4759.0; 14-MAY-2008 11:11:38; Dark ; 40.0; 140; 88Gam Peg ; 2.83; 26000;occ; 80; 0;32441  
 13; 5282.8; 14-MAY-2008 11:20:21; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32441  
 14; 5572.9; 14-MAY-2008 11:25:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32441  
 15; 5691.5; 14-MAY-2008 11:27:10; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;32441  
 16; 5930.0; 14-MAY-2008 11:31:09; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32441  
 17; 6016.7; 14-MAY-2008 11:32:35; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;32441  
 18; 6127.5; 14-MAY-2008 11:34:26; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32441  
 19; 6351.1; 14-MAY-2008 11:38:10; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32441  
 20; 6678.6; 14-MAY-2008 11:43:37; Dark ; 45.0; 43; Alp TrA ; 1.91; 4250;occ; 90; 0;32441  
 21; 6809.5; 14-MAY-2008 11:45:48; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32441  
 22; 6913.1; 14-MAY-2008 11:47:32; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;32441  
 23; 7127.1; 14-MAY-2008 11:51:06; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;32441  
 24; 7217.6; 14-MAY-2008 11:52:36; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32441  
 25; 7333.6; 14-MAY-2008 11:54:32; Dark ; 41.0; 54; 5The Cen ; 2.06; 4500;occ; 82; 0;32441

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 2; 1742.2; 14-MAY-2008 12:01:57; Bright; 37.5; 15; 67Alp Vir ; 0.98; 28000;occ; 75; 0;32442  
 3; 2125.4; 14-MAY-2008 12:08:20; Bright; 37.0; 138; 47Eps Vir ; 2.83; 4700;occ; 74; 0;32442  
 4; 2222.1; 14-MAY-2008 12:09:57; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32442  
 5; 2574.1; 14-MAY-2008 12:15:49; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32442  
 6; 2745.8; 14-MAY-2008 12:18:40; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;32442  
 7; 2841.1; 14-MAY-2008 12:20:16; Bright; 52.0; 55; 79Zet UMa ; 2.06; 10200;occ; 104; 0;32442  
 8; 3054.8; 14-MAY-2008 12:23:49; Bright; 33.0; 36; 50Alp UMa ; 1.80; 6300;occ; 66; 0;32442  
 9; 3185.6; 14-MAY-2008 12:26:00; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32442  
 10; 3446.2; 14-MAY-2008 12:30:21; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32442  
 11; 3937.7; 14-MAY-2008 12:38:32; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32442  
 12; 4011.5; 14-MAY-2008 12:39:46; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32442  
 13; 4759.3; 14-MAY-2008 12:52:14; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32442  
 14; 5283.1; 14-MAY-2008 13:00:58; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32442  
 15; 5573.1; 14-MAY-2008 13:05:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32442  
 16; 5691.8; 14-MAY-2008 13:07:46; Dark ; 42.0; 84; Alp Phe ; 2.40; 4500;occ; 84; 0;32442  
 17; 5930.6; 14-MAY-2008 13:11:45; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;32442  
 18; 6017.4; 14-MAY-2008 13:13:12; Dark ; 35.0; 31; Alp Gru ; 1.73; 15200;occ; 70; 0;32442  
 19; 6128.0; 14-MAY-2008 13:15:02; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32442  
 20; 6351.8; 14-MAY-2008 13:18:46; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32442  
 21; 6678.9; 14-MAY-2008 13:24:13; Dark ; 41.5; 43; Alp TrA ; 1.91; 4250;occ; 83; 0;32442  
 22; 6809.9; 14-MAY-2008 13:26:24; Dark ; 36.0; 134; Bet TrA ; 2.81; 6600;occ; 72; 0;32442  
 23; 6913.4; 14-MAY-2008 13:28:08; Dark ; 43.5; 4; Alp1Cen ; -0.01; 5800;occ; 87; 0;32442  
 24; 7127.4; 14-MAY-2008 13:31:42; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;32442  
 25; 7218.0; 14-MAY-2008 13:33:13; Dark ; 37.0; 81; Eta Cen ; 2.36; 28000;occ; 74; 0;32442  
 26; 7333.8; 14-MAY-2008 13:35:08; Dark ; 41.0; 54; 5The Cen ; 2.06; 4500;occ; 82; 0;32442

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 3; 2125.8; 14-MAY-2008 13:48:56; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32443  
 4; 2222.2; 14-MAY-2008 13:50:33; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32443  
 5; 2574.0; 14-MAY-2008 13:56:24; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;32443  
 6; 2745.8; 14-MAY-2008 13:59:16; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32443  
 7; 2841.3; 14-MAY-2008 14:00:52; Bright; 35.0; 55; 79Zet UMa ; 2.06; 10200;occ; 70; 0;32443  
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 9; 3185.6; 14-MAY-2008 14:06:36; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32443  
 10; 3446.2; 14-MAY-2008 14:10:57; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32443  
 11; 3937.8; 14-MAY-2008 14:19:08; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32443  
 12; 4011.6; 14-MAY-2008 14:20:22; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;32443  
 13; 4760.0; 14-MAY-2008 14:32:50; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32443  
 14; 5283.5; 14-MAY-2008 14:41:34; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32443

15; 5573.3; 14-MAY-2008 14:46:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32443  
 16; 5692.3; 14-MAY-2008 14:48:23; Dark ; 41.0; 84; Alp Phe ; 2.40; 4500;occ; 82; 0;32443  
 17; 5931.3; 14-MAY-2008 14:52:22; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32443  
 18; 6018.2; 14-MAY-2008 14:53:49; Dark ; 35.0; 31; Alp Gru ; 1.73; 15200;occ; 70; 0;32443  
 19; 6128.5; 14-MAY-2008 14:55:39; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32443  
 20; 6352.5; 14-MAY-2008 14:59:23; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32443  
 21; 6679.2; 14-MAY-2008 15:04:50; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;32443  
 22; 6810.2; 14-MAY-2008 15:07:01; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32443  
 23; 6913.7; 14-MAY-2008 15:08:44; Dark ; 45.5; 4; Alp1Cen ; -0.01; 5800;occ; 91; 0;32443  
 24; 7127.6; 14-MAY-2008 15:12:18; Dark ; 37.5; 78; Alp Lup ; 2.30; 28000;occ; 75; 0;32443  
 25; 7218.2; 14-MAY-2008 15:13:49; Dark ; 36.5; 81; Eta Cen ; 2.36; 28000;occ; 73; 0;32443  
 26; 7334.1; 14-MAY-2008 15:15:44; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32443

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 2; 1614.3; 14-MAY-2008 15:21:01; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32444  
 3; 1742.6; 14-MAY-2008 15:23:09; Bright; 37.5; 15; 67Alp Vir ; 0.98; 28000;occ; 75; 0;32444  
 4; 2125.9; 14-MAY-2008 15:29:32; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32444  
 5; 2222.3; 14-MAY-2008 15:31:09; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;32444  
 6; 2573.8; 14-MAY-2008 15:37:00; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32444  
 7; 2745.8; 14-MAY-2008 15:39:52; Bright; 33.5; 39; 85Eta UMa ; 1.85; 24000;occ; 67; 0;32444  
 8; 2841.3; 14-MAY-2008 15:41:28; Bright; 33.0; 55; 79Zet UMa ; 2.06; 10200;occ; 66; 0;32444  
 9; 3185.4; 14-MAY-2008 15:47:12; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32444  
 10; 3446.3; 14-MAY-2008 15:51:33; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32444  
 11; 3937.8; 14-MAY-2008 15:59:44; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32444  
 12; 4011.5; 14-MAY-2008 16:00:58; Bright; 41.0; 68; 18Alp Cas ; 2.22; 4500;occ; 82; 0;32444  
 13; 4760.0; 14-MAY-2008 16:13:26; Dark ; 42.5; 140; 88Gam Peg ; 2.83; 26000;occ; 85; 0;32444  
 14; 5283.7; 14-MAY-2008 16:22:10; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32444  
 15; 5573.6; 14-MAY-2008 16:27:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32444  
 16; 5692.5; 14-MAY-2008 16:28:59; Dark ; 39.5; 84; Alp Phe ; 2.40; 4500;occ; 79; 0;32444  
 17; 5932.0; 14-MAY-2008 16:32:58; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32444  
 18; 6019.0; 14-MAY-2008 16:34:25; Dark ; 30.0; 31; Alp Gru ; 1.73; 15200;occ; 60; 0;32444  
 19; 6129.0; 14-MAY-2008 16:36:15; Dark ; 36.5; 148; Alp Tuc ; 2.88; 4100;occ; 73; 0;32444  
 20; 6353.3; 14-MAY-2008 16:40:00; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32444  
 21; 6679.6; 14-MAY-2008 16:45:26; Dark ; 38.5; 43; Alp TrA ; 1.91; 4250;occ; 77; 0;32444  
 22; 6810.5; 14-MAY-2008 16:47:37; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32444  
 23; 6913.9; 14-MAY-2008 16:49:20; Dark ; 41.5; 4; Alp1Cen ; -0.01; 5800;occ; 83; 0;32444  
 24; 7127.8; 14-MAY-2008 16:52:54; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;32444  
 25; 7218.5; 14-MAY-2008 16:54:25; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32444

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 3; 1614.5; 14-MAY-2008 17:01:37; Bright; 38.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 77; 0;32445  
 4; 1742.8; 14-MAY-2008 17:03:45; Bright; 38.5; 15; 67Alp Vir ; 0.98; 28000;occ; 77; 0;32445  
 5; 2126.2; 14-MAY-2008 17:10:08; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;32445  
 6; 2222.2; 14-MAY-2008 17:11:45; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32445  
 7; 2573.6; 14-MAY-2008 17:17:36; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32445  
 8; 2745.7; 14-MAY-2008 17:20:28; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32445  
 9; 2841.2; 14-MAY-2008 17:22:04; Bright; 36.0; 55; 79Zet UMa ; 2.06; 10200;occ; 72; 0;32445  
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 11; 3446.1; 14-MAY-2008 17:32:08; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32445  
 12; 3937.9; 14-MAY-2008 17:40:20; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32445  
 13; 4011.6; 14-MAY-2008 17:41:34; Bright; 34.0; 68; 18Alp Cas ; 2.22; 4500;occ; 68; 0;32445  
 14; 4760.3; 14-MAY-2008 17:54:03; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32445  
 15; 5284.2; 14-MAY-2008 18:02:46; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32445  
 16; 5573.8; 14-MAY-2008 18:07:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32445  
 17; 5692.8; 14-MAY-2008 18:09:35; Dark ; 41.5; 84; Alp Phe ; 2.40; 4500;occ; 83; 0;32445  
 18; 5932.6; 14-MAY-2008 18:13:35; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32445  
 19; 6019.8; 14-MAY-2008 18:15:02; Dark ; 30.0; 31; Alp Gru ; 1.73; 15200;occ; 60; 0;32445  
 20; 6129.6; 14-MAY-2008 18:16:52; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32445  
 21; 6354.1; 14-MAY-2008 18:20:36; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32445  
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 23; 6810.9; 14-MAY-2008 18:28:13; Dark ; 35.5; 134; Bet TrA ; 2.81; 6600;occ; 71; 0;32445  
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 20; 6814.5; 15-MAY-2008 16:16:04; Dark ; 38.5; 134; Bet TrA ; 2.81; 6600;occ; 77; 0;32458  
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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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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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 3; 2223.5; 16-MAY-2008 07:45:32; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32468
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 8; 3446.2; 16-MAY-2008 08:05:55; Bright; 32.0; 49; 1Alp UMi ; 1.99; 6300;occ; 64; 0;32468
 9; 3938.1; 16-MAY-2008 08:14:07; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32468
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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
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17; 6686.7; 16-MAY-2008 08:59:56; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32468
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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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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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6; 2745.9; 18-MAY-2008 13:33:24; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32500
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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 5; 2374.7; 19-MAY-2008 12:55:36; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32514  
 6; 2563.9; 19-MAY-2008 12:58:45; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32514  
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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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14; 3177.0; 19-MAY-2008 18:10:46; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32517  
15; 3446.6; 19-MAY-2008 18:15:16; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32517  
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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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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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 25; 6405.2; 19-MAY-2008 20:45:11; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32518  
 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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 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  
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 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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 5; -725.5; 20-MAY-2008 03:09:19; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32522  
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 7; -207.4; 20-MAY-2008 03:17:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32522  
 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  
 10; 372.2; 20-MAY-2008 03:27:37; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32523  
 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  
 14; 1192.6; 20-MAY-2008 03:41:17; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;32523  
 15; 1369.5; 20-MAY-2008 03:44:14; Dark ; 62.0; 16; 21Alp Sco ; 1.02; 3000;occ; 124; 0;32523  
 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  
 19; 2032.5; 20-MAY-2008 03:55:17; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32523  
 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  
 24; 3063.9; 20-MAY-2008 04:12:29; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32523  
 25; 3176.5; 20-MAY-2008 04:14:21; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32523  
 26; 3446.7; 20-MAY-2008 04:18:52; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32523

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11; 790.5; 20-MAY-2008 05:15:11; Dark ; 46.0; 141; Bet Ara ; 2.84; 4600;occ; 92; 0;32524
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14; 1192.9; 20-MAY-2008 05:21:54; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32524
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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
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3; 2235.4; 20-MAY-2008 07:19:52; Bright; 37.5; 3; 16Alp Boo ; -0.05; 4250;occ; 75; 0;32525
4; 2373.7; 20-MAY-2008 07:22:11; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32525
5; 2562.9; 20-MAY-2008 07:25:20; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32525
6; 2746.9; 20-MAY-2008 07:28:24; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32525
7; 3063.0; 20-MAY-2008 07:33:40; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32525
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3; 2236.3; 21-MAY-2008 10:09:28; Bright; 38.0; 3; 16Alp Boo ; -0.05; 4250;occ; 76; 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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16; 6095.4; 21-MAY-2008 11:13:47; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32541
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; 2561.7; 21-MAY-2008 11:55:29; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32542
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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
 7; 1733.0; 21-MAY-2008 20:04:40; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;32547
 8; 1842.6; 21-MAY-2008 20:06:30; Bright; 27.0; 120; 1Del Oph ; 2.73; 3200;occ; 54; 0;32547
 9; 2028.0; 21-MAY-2008 20:09:35; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;32547
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13; 3053.8; 21-MAY-2008 20:26:41; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32547
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 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
10; 1202.4; 21-MAY-2008 21:36:26; Dark ; 53.0; 75; 26Eps Sco ; 2.29; 4250;occ; 106; 0;32548
11; 1376.2; 21-MAY-2008 21:39:19; Dark ; 57.5; 16; 21Alp Sco ; 1.02; 3000;occ; 115; 0;32548
12; 1521.9; 21-MAY-2008 21:41:45; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32548
13; 1628.3; 21-MAY-2008 21:43:31; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32548
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 23; 4009.9; 22-MAY-2008 00:03:49; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32549  
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 5; 2372.0; 21-MAY-2008 13:32:55; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32543  
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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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 3; -1505.2; 22-MAY-2008 06:54:54; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;32553
 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
 6; 2561.1; 22-MAY-2008 08:02:40; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32554
 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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 16; 6006.9; 22-MAY-2008 09:00:06; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;32554  
 17; 6094.0; 22-MAY-2008 09:01:33; Dark ; 46.0; 172; Gam Gru ; 3.00; 13100;occ; 92; 0;32554  
 18; 6184.0; 22-MAY-2008 09:03:03; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32554  
 19; 6430.9; 22-MAY-2008 09:07:10; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32554  
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 21; 7005.7; 22-MAY-2008 09:16:44; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32554  
 22; 7116.9; 22-MAY-2008 09:18:36; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32554  
 23; 7241.2; 22-MAY-2008 09:20:40; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32554  
 24; 7414.1; 22-MAY-2008 09:23:33; Dark ; 54.0; 16; 21Alp Sco ; 1.02; 3000;occ; 108; 0;32554  
 25; 7559.2; 22-MAY-2008 09:25:58; Bright; 39.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 78; 0;32554  
 26; 7665.3; 22-MAY-2008 09:27:44; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32554  
 27; 7769.5; 22-MAY-2008 09:29:28; Bright; 27.5; 104; 27Bet Lib ; 2.61; 13100;occ; 55; 0;32554

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

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

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 2; 1084.6; 22-MAY-2008 21:02:51; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;32562  
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 5; 1524.2; 22-MAY-2008 21:10:10; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32562  
 6; 1630.3; 22-MAY-2008 21:11:57; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32562  
 7; 1734.1; 22-MAY-2008 21:13:40; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32562  
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 10; 2370.6; 22-MAY-2008 21:24:17; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;32562  
 11; 2560.6; 22-MAY-2008 21:27:27; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;32562  
 12; 3048.0; 22-MAY-2008 21:35:34; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32562  
 13; 3172.8; 22-MAY-2008 21:37:39; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32562  
 14; 3446.6; 22-MAY-2008 21:42:13; Bright; 52.0; 49; 1Alp UMi ; 1.99; 6300;occ; 104; 0;32562  
 15; 3937.2; 22-MAY-2008 21:50:23; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;32562  
 16; 4009.3; 22-MAY-2008 21:51:36; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32562  
 17; 4532.3; 22-MAY-2008 22:00:19; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32562  
 18; 4798.3; 22-MAY-2008 22:04:45; Dark ; 42.5; 140; 88Gam Peg ; 2.83; 26000;occ; 85; 0;32562

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 4; 67.5; 22-MAY-2008 22:26:30; Dark ; 31.0; 172; Gam Gru ; 3.00; 13100;occ; 62; 0;32563  
 5; 152.2; 22-MAY-2008 22:27:54; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32563  
 6; 400.5; 22-MAY-2008 22:32:03; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32563  
 7; 808.2; 22-MAY-2008 22:38:50; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32563  
 8; 974.3; 22-MAY-2008 22:41:36; Dark ; 45.0; 40; The Sco ; 1.86; 7100;occ; 90; 0;32563  
 9; 1085.1; 22-MAY-2008 22:43:27; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32563  
 10; 1208.1; 22-MAY-2008 22:45:30; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32563  
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 12; 1524.3; 22-MAY-2008 22:50:46; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 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  
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 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  
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 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  
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 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  
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 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
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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
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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  
 8; 1841.3; 22-MAY-2008 17:54:16; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;32560  
 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  
 11; 2560.6; 22-MAY-2008 18:06:15; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32560  
 12; 3048.8; 22-MAY-2008 18:14:23; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32560  
 13; 3173.1; 22-MAY-2008 18:16:27; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32560  
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 17; 4532.1; 22-MAY-2008 18:39:06; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;32560  
 18; 4797.6; 22-MAY-2008 18:43:32; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32560  
 19; 5326.0; 22-MAY-2008 18:52:20; Dark ; 46.0; 52; 16Bet Cet ; 2.04; 4500;occ; 92; 0;32560  
 20; 5848.4; 22-MAY-2008 19:01:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32560  
 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  
 24; 6435.1; 22-MAY-2008 19:10:49; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32560  
 25; 6843.4; 22-MAY-2008 19:17:38; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32560  
 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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 3; 1207.5; 22-MAY-2008 19:24:18; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;32561  
 4; 1379.7; 22-MAY-2008 19:27:10; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32561  
 5; 1524.1; 22-MAY-2008 19:29:34; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32561  
 6; 1630.1; 22-MAY-2008 19:31:20; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32561  
 7; 1734.1; 22-MAY-2008 19:33:04; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32561  
 8; 1841.1; 22-MAY-2008 19:34:51; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;32561  
 9; 2026.0; 22-MAY-2008 19:37:56; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32561  
 10; 2370.8; 22-MAY-2008 19:43:41; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32561  
 11; 2560.5; 22-MAY-2008 19:46:51; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32561  
 12; 3048.3; 22-MAY-2008 19:54:59; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32561  
 13; 3173.0; 22-MAY-2008 19:57:03; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32561  
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 17; 4532.2; 22-MAY-2008 20:19:42; Dark ; 43.5; 58; 21Alp And ; 2.07; 11000;occ; 87; 0;32561  
 18; 4797.8; 22-MAY-2008 20:24:08; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 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  
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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
9; 1086.0; 23-MAY-2008 02:04:40; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 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
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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
21; 3446.7; 23-MAY-2008 02:44:01; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32565
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4;-1503.0; 23-MAY-2008 03:02:07; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;32565
5;-1236.5; 23-MAY-2008 03:06:33; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32565
6; -707.8; 23-MAY-2008 03:15:22; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 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
14; 1086.7; 23-MAY-2008 03:45:16; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32566
15; 1209.3; 23-MAY-2008 03:47:19; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32566
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17; 1525.0; 23-MAY-2008 03:52:35; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32566
18; 1631.0; 23-MAY-2008 03:54:21; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32566
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22; 2370.5; 23-MAY-2008 04:06:40; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;32566
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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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4;-1503.0; 23-MAY-2008 04:42:43; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 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
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13; 1087.2; 23-MAY-2008 05:25:53; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;32567
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17; 1631.3; 23-MAY-2008 05:34:57; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32567
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3; 1213.0; 23-MAY-2008 20:33:22; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;32576
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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
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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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5; 89.2; 23-MAY-2008 21:55:14; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32577
6; 410.4; 23-MAY-2008 22:00:36; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32577
7; 814.4; 23-MAY-2008 22:07:20; Dark ; 38.5; 141; Bet Ara ; 2.84; 4600;occ; 77; 0;32577
8; 981.8; 23-MAY-2008 22:10:07; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32577
9; 1092.4; 23-MAY-2008 22:11:58; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32577
10; 1213.4; 23-MAY-2008 22:13:59; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32577
11; 1383.8; 23-MAY-2008 22:16:49; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32577
12; 1526.6; 23-MAY-2008 22:19:12; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32577
13; 1638.5; 23-MAY-2008 22:21:04; Bright; 30.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 60; 0;32577
14; 1735.4; 23-MAY-2008 22:22:41; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32577
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19; 3042.3; 23-MAY-2008 22:44:27; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32577
20; 3171.8; 23-MAY-2008 22:46:37; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;32577
21; 3446.7; 23-MAY-2008 22:51:12; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32577
22; 3936.7; 23-MAY-2008 22:59:22; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;32577
23; 4008.6; 23-MAY-2008 23:00:34; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32577
24; 4382.3; 23-MAY-2008 23:06:47; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32577
25; 4534.8; 23-MAY-2008 23:09:20; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32577
26; 4803.9; 23-MAY-2008 23:13:49; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32577
27; 5333.4; 23-MAY-2008 23:22:39; Dark ; 5.0; 52; 16Bet Cet ; 2.04; 4500;occ; 10; 0;32577
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3; -178.3; 23-MAY-2008 23:31:23; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32577
4; -11.9; 23-MAY-2008 23:34:09; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32577
5; 90.0; 23-MAY-2008 23:35:51; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32578
6; 411.1; 23-MAY-2008 23:41:12; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32578
7; 814.8; 23-MAY-2008 23:47:56; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32578
8; 982.3; 23-MAY-2008 23:50:43; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;32578
9; 1092.9; 23-MAY-2008 23:52:34; Dark ; 52.0; 25; 35Lam Sco ; 1.62; 28000;occ; 104; 0;32578
10; 1213.8; 23-MAY-2008 23:54:35; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32578
11; 1384.0; 23-MAY-2008 23:57:25; Dark ; 52.0; 16; 21Alp Sco ; 1.02; 3000;occ; 104; 0;32578
12; 1526.8; 23-MAY-2008 23:59:48; Bright; 40.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 80; 0;32578
13; 1735.5; 24-MAY-2008 00:03:17; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32578
14; 1839.5; 24-MAY-2008 00:05:01; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32578
15; 2023.5; 24-MAY-2008 00:08:04; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32578

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

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  
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 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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 2; 1840.3; 23-MAY-2008 10:40:14; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32570  
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 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  
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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
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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
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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
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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
8; 2560.1; 23-MAY-2008 15:54:01; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32573
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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12; 3937.0; 23-MAY-2008 16:16:58; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32573
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20; 6021.2; 23-MAY-2008 16:51:42; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;32573
21; 6122.7; 23-MAY-2008 16:53:24; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32573
22; 6444.3; 23-MAY-2008 16:58:46; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32573
23; 6849.3; 23-MAY-2008 17:05:31; Dark ; 47.0; 141; Bet Ara ; 2.84; 4600;occ; 94; 0;32573
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3; 1383.1; 23-MAY-2008 17:15:00; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32574
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5; 1632.3; 23-MAY-2008 17:19:10; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32574
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7; 1839.9; 23-MAY-2008 17:22:37; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32574
8; 2024.1; 23-MAY-2008 17:25:41; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32574
9; 2370.0; 23-MAY-2008 17:31:27; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;32574
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13; 3446.8; 23-MAY-2008 17:49:24; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32574
14; 3937.0; 23-MAY-2008 17:57:34; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;32574
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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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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  
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13; 4008.0; 24-MAY-2008 19:07:44; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;32589  
14; 4383.6; 24-MAY-2008 19:14:00; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 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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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  
15; 2369.2; 25-MAY-2008 01:22:49; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32593  
16; 3036.2; 25-MAY-2008 01:33:56; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32593  
17; 3170.5; 25-MAY-2008 01:36:10; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;32593  
18; 3683.1; 25-MAY-2008 01:44:43; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32593  
19; 3935.9; 25-MAY-2008 01:48:56; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;32593  
20; 4007.7; 25-MAY-2008 01:50:08; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32593  
21; 4384.1; 25-MAY-2008 01:56:24; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32593  
22; 4537.8; 25-MAY-2008 01:58:58; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32593  
23; 4810.0; 25-MAY-2008 02:03:30; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32593

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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
18; 3682.6; 25-MAY-2008 03:25:18; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 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
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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
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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
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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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12; 3676.5; 25-MAY-2008 21:51:48; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32605
13; 3935.3; 25-MAY-2008 21:56:06; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32605
14; 4006.9; 25-MAY-2008 21:57:18; Bright; 56.0; 68; 18Alp Cas ; 2.22; 4500;occ; 112; 0;32605
15; 4385.4; 25-MAY-2008 22:03:37; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;32605
16; 4539.9; 25-MAY-2008 22:06:11; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32605
17; 4814.9; 25-MAY-2008 22:10:46; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32605
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3; 9.6; 25-MAY-2008 22:31:17; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;32606
4; 114.4; 25-MAY-2008 22:33:01; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32606
5; 430.7; 25-MAY-2008 22:38:18; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32606
6; 826.8; 25-MAY-2008 22:44:54; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32606
7; 1052.9; 25-MAY-2008 22:48:40; Dark ; 25.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 50; 0;32606
8; 1107.0; 25-MAY-2008 22:49:34; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32606
9; 1223.7; 25-MAY-2008 22:51:31; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32606
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18; 3676.0; 25-MAY-2008 23:32:23; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32606
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22; 4540.1; 25-MAY-2008 23:46:47; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32606
23; 4815.3; 25-MAY-2008 23:51:22; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;32606
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13; 992.4; 25-MAY-2008 07:42:16; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;32597
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 2; 1838.0; 25-MAY-2008 07:56:22; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32597
 3; 2021.2; 25-MAY-2008 07:59:25; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32597
 4; 2369.3; 25-MAY-2008 08:05:13; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32597
 5; 3034.8; 25-MAY-2008 08:16:18; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32597
 6; 3170.5; 25-MAY-2008 08:18:34; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32597
 7; 3681.1; 25-MAY-2008 08:27:05; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;32597
 8; 3935.8; 25-MAY-2008 08:31:19; Bright; 35.5; 76; 27Gam Cas ; 2.30; 30000;occ; 71; 0;32597
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17; 6461.1; 25-MAY-2008 09:13:25; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32597
18; 6859.5; 25-MAY-2008 09:20:03; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32597
19; 7028.9; 25-MAY-2008 09:22:53; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32597
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22; 7385.6; 25-MAY-2008 09:28:49; Dark ; 41.0; 136; 23Tau Sco ; 2.82; 30000;occ; 82; 0;32597
23; 7565.9; 25-MAY-2008 09:31:50; Bright; 39.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 79; 0;32597
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 6; 3170.3; 25-MAY-2008 09:59:10; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32598
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 9; 4007.5; 25-MAY-2008 10:13:07; Bright; 40.0; 68; 18Alp Cas ; 2.22; 4500;occ; 80; 0;32598
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 13; 5343.3; 25-MAY-2008 10:35:23; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;32598  
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 16; 6144.2; 25-MAY-2008 10:48:44; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32598  
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 3; 2021.0; 25-MAY-2008 11:20:36; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32599  
 4; 2369.2; 25-MAY-2008 11:26:25; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32599  
 5; 3034.0; 25-MAY-2008 11:37:29; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32599  
 6; 3170.3; 25-MAY-2008 11:39:46; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;32599  
 7; 3680.0; 25-MAY-2008 11:48:15; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;32599  
 8; 3935.6; 25-MAY-2008 11:52:31; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32599  
 9; 4007.3; 25-MAY-2008 11:53:43; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32599  
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 11; 4538.9; 25-MAY-2008 12:02:34; Dark ; 49.0; 58; 21Alp And ; 2.07; 11000;occ; 98; 0;32599  
 12; 4812.4; 25-MAY-2008 12:07:08; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32599  
 13; 5343.8; 25-MAY-2008 12:15:59; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32599  
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 17; 6462.5; 25-MAY-2008 12:34:38; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32599  
 18; 6860.4; 25-MAY-2008 12:41:16; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32599  
 19; 7029.8; 25-MAY-2008 12:44:05; Dark ; 47.0; 40; The Sco ; 1.86; 7100;occ; 94; 0;32599  
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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; 1.9; 25-MAY-2008 05:45:10; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;32596  
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 22; 3035.2; 25-MAY-2008 06:35:43; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32596  
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 3; 2021.0; 25-MAY-2008 13:01:12; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32600  
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 5; 3033.8; 25-MAY-2008 13:18:05; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32600  
 6; 3170.3; 25-MAY-2008 13:20:22; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32600  
 7; 3935.8; 25-MAY-2008 13:33:07; Bright; 35.5; 76; 27Gam Cas ; 2.30; 30000;occ; 71; 0;32600

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9; 4385.0; 25-MAY-2008 13:40:36; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;32600
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13; 3026.7; 26-MAY-2008 22:49:57; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32620
14; 3169.1; 26-MAY-2008 22:52:19; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32620
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13; 1739.7; 27-MAY-2008 00:09:06; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;32621
14; 1836.4; 27-MAY-2008 00:10:42; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32621
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23; 4543.0; 27-MAY-2008 00:55:49; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32621
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9; 118.9; 26-MAY-2008 06:56:06; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32611  
10; 434.4; 26-MAY-2008 07:01:21; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32611  
11; 829.1; 26-MAY-2008 07:07:56; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32611  
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13; 1109.4; 26-MAY-2008 07:12:36; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32611  
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4; 2382.3; 26-MAY-2008 07:33:49; Bright; 40.0; 67; 5Alp CrB ; 2.22; 11000;occ; 80; 0;32611  
5; 2573.5; 26-MAY-2008 07:37:00; Bright; 35.0; 133; 40Zet Her ; 2.81; 6000;occ; 70; 0;32611  
6; 3030.0; 26-MAY-2008 07:44:37; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32611  
7; 3169.5; 26-MAY-2008 07:46:56; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;32611  
8; 3673.3; 26-MAY-2008 07:55:20; Bright; 52.0; 89; 5Alp Cep ; 2.45; 8000;occ; 104; 0;32611  
9; 3935.1; 26-MAY-2008 07:59:42; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32611  
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16; 6155.7; 26-MAY-2008 08:36:42; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32611  
17; 6471.0; 26-MAY-2008 08:41:58; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32611  
18; 6865.5; 26-MAY-2008 08:48:32; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32611  
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21; 7262.0; 26-MAY-2008 08:55:09; Dark ; 42.5; 75; 26Eps Sco ; 2.29; 4250;occ; 85; 0;32611  
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23; 7520.3; 26-MAY-2008 08:59:27; Bright; 40.5; 80; 7Del Sco ; 2.32; 30000;occ; 81; 0;32611  
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4; 2382.0; 26-MAY-2008 09:14:25; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32612  
5; 2572.9; 26-MAY-2008 09:17:35; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32612  
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7; 3169.5; 26-MAY-2008 09:27:32; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32612  
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12; 4817.8; 26-MAY-2008 09:55:00; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32612  
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4; 2381.9; 26-MAY-2008 10:55:00; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;32613  
5; 2572.1; 26-MAY-2008 10:58:11; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32613

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7;	3169.4;	26-MAY-2008	11:08:08;	Bright;	36.5;	60;	7Bet UMi	;	2.08;	3950;occ;	73;	0;	32613	
8;	3672.2;	26-MAY-2008	11:16:31;	Bright;	45.5;	89;	5Alp Cep	;	2.45;	8000;occ;	91;	0;	32613	
9;	3934.9;	26-MAY-2008	11:20:53;	Bright;	54.0;	76;	27Gam Cas	;	2.30;	30000;occ;	108;	0;	32613	
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12;	4818.3;	26-MAY-2008	11:35:37;	Dark	;	49.0;	140;	88Gam Peg	;	2.83;	26000;occ;	98;	0;	32613
13;	5350.7;	26-MAY-2008	11:44:29;	Dark	;	45.0;	52;	16Bet Cet	;	2.04;	4500;occ;	90;	0;	32613
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18;	6866.2;	26-MAY-2008	12:09:45;	Dark	;	42.0;	141;	Bet Ara	;	2.84;	4600;occ;	84;	0;	32613
19;	7037.0;	26-MAY-2008	12:12:35;	Dark	;	45.5;	40;	The Sco	;	1.86;	7100;occ;	91;	0;	32613
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21;	7262.6;	26-MAY-2008	12:16:21;	Dark	;	44.5;	75;	26Eps Sco	;	2.29;	4250;occ;	89;	0;	32613
22;	7390.1;	26-MAY-2008	12:18:29;	Dark	;	41.5;	136;	23Tau Sco	;	2.82;	30000;occ;	83;	0;	32613
23;	7520.5;	26-MAY-2008	12:20:39;	Bright;	56.0;	80;	7Del Sco	;	2.32;	30000;occ;	112;	0;	32613	
24;	7620.1;	26-MAY-2008	12:22:19;	Bright;	31.5;	86;	35Eta Oph	;	2.43;	10200;occ;	63;	0;	32613	
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6;	3028.9;	26-MAY-2008	12:46:23;	Bright;	40.5;	119;	14Eta Dra	;	2.73;	4700;occ;	81;	0;	32614	
7;	3169.4;	26-MAY-2008	12:48:44;	Bright;	37.0;	60;	7Bet UMi	;	2.08;	3950;occ;	74;	0;	32614	
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10;	4386.5;	26-MAY-2008	13:09:01;	Bright;	40.0;	53;	43Bet And	;	2.05;	3300;occ;	80;	0;	32614	
11;	4541.7;	26-MAY-2008	13:11:36;	Dark	;	49.5;	58;	21Alp And	;	2.07;	11000;occ;	99;	0;	32614
12;	4818.6;	26-MAY-2008	13:16:13;	Dark	;	47.0;	140;	88Gam Peg	;	2.83;	26000;occ;	94;	0;	32614
13;	5351.2;	26-MAY-2008	13:25:06;	Dark	;	44.5;	52;	16Bet Cet	;	2.04;	4500;occ;	89;	0;	32614
14;	5878.7;	26-MAY-2008	13:33:53;	Dark	;	59.5;	0;	;	0.00;	0;occ;	119;	0;	32614	
15;	6052.8;	26-MAY-2008	13:36:47;	Dark	;	44.0;	63;	Bet Gru	;	2.15;	2800;occ;	88;	0;	32614
16;	6158.3;	26-MAY-2008	13:38:33;	Dark	;	44.5;	31;	Alp Gru	;	1.73;	15200;occ;	89;	0;	32614
17;	6473.0;	26-MAY-2008	13:43:47;	Dark	;	42.0;	45;	Alp Pav	;	1.94;	26000;occ;	84;	0;	32614
18;	6866.8;	26-MAY-2008	13:50:21;	Dark	;	38.5;	141;	Bet Ara	;	2.84;	4600;occ;	77;	0;	32614
19;	7037.6;	26-MAY-2008	13:53:12;	Dark	;	43.5;	40;	The Sco	;	1.86;	7100;occ;	87;	0;	32614
20;	7147.3;	26-MAY-2008	13:55:02;	Dark	;	48.0;	25;	35Lam Sco	;	1.62;	28000;occ;	96;	0;	32614
21;	7263.0;	26-MAY-2008	13:56:57;	Dark	;	47.5;	75;	26Eps Sco	;	2.29;	4250;occ;	95;	0;	32614
22;	7390.3;	26-MAY-2008	13:59:05;	Dark	;	40.5;	136;	23Tau Sco	;	2.82;	30000;occ;	81;	0;	32614
23;	7520.8;	26-MAY-2008	14:01:15;	Bright;	40.0;	80;	7Del Sco	;	2.32;	30000;occ;	80;	0;	32614	
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2;	1584.3;	26-MAY-2008	14:02:55;	Bright;	32.0;	86;	35Eta Oph	;	2.43;	10200;occ;	64;	0;	32615	
3;	1739.1;	26-MAY-2008	14:05:29;	Bright;	35.5;	104;	27Bet Lib	;	2.61;	13100;occ;	71;	0;	32615	
4;	1836.8;	26-MAY-2008	14:07:07;	Bright;	42.0;	120;	1Del Oph	;	2.73;	3200;occ;	84;	0;	32615	
5;	2019.4;	26-MAY-2008	14:10:10;	Bright;	38.5;	102;	24Alp Ser	;	2.60;	4250;occ;	77;	0;	32615	
6;	2381.5;	26-MAY-2008	14:16:12;	Bright;	37.0;	67;	5Alp CrB	;	2.22;	11000;occ;	74;	0;	32615	
7;	2570.7;	26-MAY-2008	14:19:21;	Bright;	43.5;	133;	40Zet Her	;	2.81;	6000;occ;	87;	0;	32615	
8;	3028.5;	26-MAY-2008	14:26:59;	Bright;	39.0;	119;	14Eta Dra	;	2.73;	4700;occ;	78;	0;	32615	
9;	3169.4;	26-MAY-2008	14:29:20;	Bright;	36.0;	60;	7Bet UMi	;	2.08;	3950;occ;	72;	0;	32615	
10;	3671.1;	26-MAY-2008	14:37:41;	Bright;	44.0;	89;	5Alp Cep	;	2.45;	8000;occ;	88;	0;	32615	
11;	3935.0;	26-MAY-2008	14:42:05;	Bright;	35.0;	76;	27Gam Cas	;	2.30;	30000;occ;	70;	0;	32615	
12;	4386.7;	26-MAY-2008	14:49:37;	Bright;	42.0;	53;	43Bet And	;	2.05;	3300;occ;	84;	0;	32615	
13;	4542.0;	26-MAY-2008	14:52:12;	Dark	;	47.0;	58;	21Alp And	;	2.07;	11000;occ;	94;	0;	32615
14;	4819.3;	26-MAY-2008	14:56:49;	Dark	;	45.0;	140;	88Gam Peg	;	2.83;	26000;occ;	90;	0;	32615
15;	5351.8;	26-MAY-2008	15:05:42;	Dark	;	46.0;	52;	16Bet Cet	;	2.04;	4500;occ;	92;	0;	32615
16;	5879.4;	26-MAY-2008	15:14:30;	Dark	;	59.5;	0;	;	0.00;	0;occ;	119;	0;	32615	
17;	6053.6;	26-MAY-2008	15:17:24;	Dark	;	60.0;	63;	Bet Gru	;	2.15;	2800;occ;	120;	0;	32615
18;	6159.2;	26-MAY-2008	15:19:09;	Dark	;	45.5;	31;	Alp Gru	;	1.73;	15200;occ;	91;	0;	32615
19;	6473.8;	26-MAY-2008	15:24:24;	Dark	;	44.5;	45;	Alp Pav	;	1.94;	26000;occ;	89;	0;	32615
20;	6867.2;	26-MAY-2008	15:30:57;	Dark	;	43.5;	141;	Bet Ara	;	2.84;	4600;occ;	87;	0;	32615
21;	7038.2;	26-MAY-2008	15:33:48;	Dark	;	48.5;	40;	The Sco	;	1.86;	7100;occ;	97;	0;	32615
22;	7147.8;	26-MAY-2008	15:35:38;	Dark	;	47.5;	25;	35Lam Sco	;	1.62;	28000;occ;	95;	0;	32615
23;	7263.4;	26-MAY-2008	15:37:34;	Dark	;	51.0;	75;	26Eps Sco	;	2.29;	4250;occ;	102;	0;	32615
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2;	1485.1;	26-MAY-2008	15:41:51;	Bright;	38.5;	80;	7Del Sco ;	2.32;	30000;occ;	77;	0;	32616
3;	1584.7;	26-MAY-2008	15:43:31;	Bright;	38.0;	86;	35Eta Oph ;	2.43;	10200;occ;	76;	0;	32616
4;	1739.3;	26-MAY-2008	15:46:05;	Bright;	35.5;	104;	27Bet Lib ;	2.61;	13100;occ;	71;	0;	32616
5;	1836.7;	26-MAY-2008	15:47:43;	Bright;	42.5;	120;	1Del Oph ;	2.73;	3200;occ;	85;	0;	32616
6;	2019.4;	26-MAY-2008	15:50:46;	Bright;	38.5;	102;	24Alp Ser ;	2.60;	4250;occ;	77;	0;	32616
7;	2381.2;	26-MAY-2008	15:56:47;	Bright;	38.0;	67;	5Alp CrB ;	2.22;	11000;occ;	76;	0;	32616
8;	2570.3;	26-MAY-2008	15:59:56;	Bright;	44.5;	133;	40Zet Her ;	2.81;	6000;occ;	89;	0;	32616
9;	3028.2;	26-MAY-2008	16:07:34;	Bright;	39.0;	119;	14Eta Dra ;	2.73;	4700;occ;	78;	0;	32616
10;	3169.3;	26-MAY-2008	16:09:55;	Bright;	35.5;	60;	7Bet UMi ;	2.08;	3950;occ;	71;	0;	32616
11;	3670.6;	26-MAY-2008	16:18:17;	Bright;	44.0;	89;	5Alp Cep ;	2.45;	8000;occ;	88;	0;	32616
12;	3934.8;	26-MAY-2008	16:22:41;	Bright;	41.5;	76;	27Gam Cas ;	2.30;	30000;occ;	83;	0;	32616
13;	4386.7;	26-MAY-2008	16:30:13;	Bright;	38.0;	53;	43Bet And ;	2.05;	3300;occ;	76;	0;	32616
14;	4542.1;	26-MAY-2008	16:32:48;	Dark ;	46.0;	58;	21Alp And ;	2.07;	11000;occ;	92;	0;	32616
15;	4819.7;	26-MAY-2008	16:37:26;	Dark ;	46.5;	140;	88Gam Peg ;	2.83;	26000;occ;	93;	0;	32616
16;	5352.3;	26-MAY-2008	16:46:18;	Dark ;	45.5;	52;	16Bet Cet ;	2.04;	4500;occ;	91;	0;	32616
17;	5880.0;	26-MAY-2008	16:55:06;	Dark ;	59.5;	0;	;	0.00;	0;occ;	119;	0;	32616
18;	6054.4;	26-MAY-2008	16:58:01;	Dark ;	57.5;	63;	Bet Gru ;	2.15;	2800;occ;	115;	0;	32616
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20;	6474.5;	26-MAY-2008	17:05:01;	Dark ;	41.5;	45;	Alp Pav ;	1.94;	26000;occ;	83;	0;	32616
21;	6867.7;	26-MAY-2008	17:11:34;	Dark ;	39.5;	141;	Bet Ara ;	2.84;	4600;occ;	79;	0;	32616
22;	7038.8;	26-MAY-2008	17:14:25;	Dark ;	50.0;	40;	The Sco ;	1.86;	7100;occ;	100;	0;	32616
23;	7148.3;	26-MAY-2008	17:16:14;	Dark ;	15.5;	25;	35Lam Sco ;	1.62;	28000;occ;	31;	0;	32616

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3;	1355.0;	26-MAY-2008	17:20:17;	Dark ;	43.0;	136;	23Tau Sco ;	2.82;	30000;occ;	86;	0;	32617
4;	1485.3;	26-MAY-2008	17:22:27;	Bright;	40.5;	80;	7Del Sco ;	2.32;	30000;occ;	81;	0;	32617
5;	1584.7;	26-MAY-2008	17:24:07;	Bright;	38.0;	86;	35Eta Oph ;	2.43;	10200;occ;	76;	0;	32617
6;	1739.3;	26-MAY-2008	17:26:41;	Bright;	36.5;	104;	27Bet Lib ;	2.61;	13100;occ;	73;	0;	32617
7;	1836.8;	26-MAY-2008	17:28:19;	Bright;	42.0;	120;	1Del Oph ;	2.73;	3200;occ;	84;	0;	32617
8;	2019.3;	26-MAY-2008	17:31:21;	Bright;	38.0;	102;	24Alp Ser ;	2.60;	4250;occ;	76;	0;	32617
9;	2381.1;	26-MAY-2008	17:37:23;	Bright;	38.5;	67;	5Alp CrB ;	2.22;	11000;occ;	77;	0;	32617
10;	2569.5;	26-MAY-2008	17:40:32;	Bright;	45.0;	133;	40Zet Her ;	2.81;	6000;occ;	90;	0;	32617
11;	3027.9;	26-MAY-2008	17:48:10;	Bright;	39.5;	119;	14Eta Dra ;	2.73;	4700;occ;	79;	0;	32617
12;	3169.2;	26-MAY-2008	17:50:31;	Bright;	38.5;	60;	7Bet UMi ;	2.08;	3950;occ;	77;	0;	32617
13;	3670.0;	26-MAY-2008	17:58:52;	Bright;	47.5;	89;	5Alp Cep ;	2.45;	8000;occ;	95;	0;	32617
14;	3934.8;	26-MAY-2008	18:03:17;	Bright;	35.5;	76;	27Gam Cas ;	2.30;	30000;occ;	71;	0;	32617
15;	4386.8;	26-MAY-2008	18:10:49;	Bright;	39.5;	53;	43Bet And ;	2.05;	3300;occ;	79;	0;	32617
16;	4542.3;	26-MAY-2008	18:13:24;	Dark ;	49.0;	58;	21Alp And ;	2.07;	11000;occ;	98;	0;	32617
17;	4820.0;	26-MAY-2008	18:18:02;	Dark ;	48.5;	140;	88Gam Peg ;	2.83;	26000;occ;	97;	0;	32617
18;	5352.7;	26-MAY-2008	18:26:55;	Dark ;	43.0;	52;	16Bet Cet ;	2.04;	4500;occ;	86;	0;	32617
19;	5880.6;	26-MAY-2008	18:35:43;	Dark ;	59.5;	0;	;	0.00;	0;occ;	119;	0;	32617
20;	6055.2;	26-MAY-2008	18:38:37;	Dark ;	58.0;	63;	Bet Gru ;	2.15;	2800;occ;	116;	0;	32617
21;	6161.2;	26-MAY-2008	18:40:23;	Dark ;	44.0;	31;	Alp Gru ;	1.73;	15200;occ;	88;	0;	32617
22;	6475.3;	26-MAY-2008	18:45:37;	Dark ;	41.5;	45;	Alp Pav ;	1.94;	26000;occ;	83;	0;	32617
23;	6868.1;	26-MAY-2008	18:52:10;	Dark ;	38.0;	141;	Bet Ara ;	2.84;	4600;occ;	76;	0;	32617
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3;	1228.1;	26-MAY-2008	18:58:46;	Dark ;	47.5;	75;	26Eps Sco ;	2.29;	4250;occ;	95;	0;	32618
4;	1355.1;	26-MAY-2008	19:00:53;	Dark ;	42.0;	136;	23Tau Sco ;	2.82;	30000;occ;	84;	0;	32618
5;	1485.5;	26-MAY-2008	19:03:04;	Bright;	41.0;	80;	7Del Sco ;	2.32;	30000;occ;	82;	0;	32618
6;	1584.7;	26-MAY-2008	19:04:43;	Bright;	44.0;	86;	35Eta Oph ;	2.43;	10200;occ;	88;	0;	32618
7;	1739.4;	26-MAY-2008	19:07:18;	Bright;	36.0;	104;	27Bet Lib ;	2.61;	13100;occ;	72;	0;	32618
8;	1836.6;	26-MAY-2008	19:08:55;	Bright;	41.5;	120;	1Del Oph ;	2.73;	3200;occ;	83;	0;	32618
9;	2019.2;	26-MAY-2008	19:11:57;	Bright;	37.5;	102;	24Alp Ser ;	2.60;	4250;occ;	75;	0;	32618
10;	2380.8;	26-MAY-2008	19:17:59;	Bright;	39.0;	67;	5Alp CrB ;	2.22;	11000;occ;	78;	0;	32618
11;	2568.8;	26-MAY-2008	19:21:07;	Bright;	46.5;	133;	40Zet Her ;	2.81;	6000;occ;	93;	0;	32618
12;	3027.5;	26-MAY-2008	19:28:46;	Bright;	37.5;	119;	14Eta Dra ;	2.73;	4700;occ;	75;	0;	32618
13;	3169.2;	26-MAY-2008	19:31:07;	Bright;	37.0;	60;	7Bet UMi ;	2.08;	3950;occ;	74;	0;	32618
14;	3669.6;	26-MAY-2008	19:39:28;	Bright;	46.0;	89;	5Alp Cep ;	2.45;	8000;occ;	92;	0;	32618
15;	3934.6;	26-MAY-2008	19:43:53;	Bright;	43.0;	76;	27Gam Cas ;	2.30;	30000;occ;	86;	0;	32618
16;	4386.9;	26-MAY-2008	19:51:25;	Bright;	39.5;	53;	43Bet And ;	2.05;	3300;occ;	79;	0;	32618
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18;	4820.4;	26-MAY-2008	19:58:39;	Dark ;	47.0;	140;	88Gam Peg ;	2.83;	26000;occ;	94;	0;	32618
19;	5353.2;	26-MAY-2008	20:07:31;	Dark ;	47.0;	52;	16Bet Cet ;	2.04;	4500;occ;	94;	0;	32618

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23; 6475.9; 26-MAY-2008 20:26:14; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32618
24; 6868.4; 26-MAY-2008 20:32:47; Dark ; 45.5; 141; Bet Ara ; 2.84; 4600;occ; 91; 0;32618
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 3; 20.7; 26-MAY-2008 21:59:51; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;32620
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 3; 22.3; 27-MAY-2008 01:21:04; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;32622
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11; 1584.9; 27-MAY-2008 01:47:07; Bright; 49.5; 86; 35Eta Oph ; 2.43; 10200;occ; 99; 0;32622
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13; 1836.3; 27-MAY-2008 01:51:18; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32622
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15; 2379.9; 27-MAY-2008 02:00:22; Bright; 36.0; 67; 5Alp CrB ; 2.22; 11000;occ; 72; 0;32622
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17; 3025.8; 27-MAY-2008 02:11:08; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32622
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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
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13; 5357.3; 27-MAY-2008 09:32:23; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;32626
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 2; 2018.3; 27-MAY-2008 10:17:20; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32627
 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
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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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16; 6063.8; 27-MAY-2008 13:05:21; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;32628
17; 6170.8; 27-MAY-2008 13:07:08; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;32628
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19; 6872.5; 27-MAY-2008 13:18:50; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;32628
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23; 7393.9; 27-MAY-2008 13:27:31; Dark ; 43.0; 136; 23Tau Sco ; 2.82; 30000;occ; 86; 0;32628
24; 7523.4; 27-MAY-2008 13:29:41; Bright; 39.0; 80; 7Del Sco ; 2.32; 30000;occ; 78; 0;32628
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 3; 1701.4; 27-MAY-2008 16:54:27; Bright; 42.0; 98; 13Zet Oph ; 2.57; 30000;occ; 84; 0;32631
 4; 2017.9; 27-MAY-2008 16:59:43; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32631

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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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16; 6066.4; 27-MAY-2008 18:07:12; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 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  
4; 2018.3; 27-MAY-2008 13:38:31; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32629  
5; 2378.6; 27-MAY-2008 13:44:32; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;32629  
6; 2562.1; 27-MAY-2008 13:47:35; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32629  
7; 3023.7; 27-MAY-2008 13:55:17; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32629  
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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  
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9; 3934.1; 27-MAY-2008 15:51:03; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;32630  
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11; 4544.7; 27-MAY-2008 16:01:14; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;32630  
12; 4825.6; 27-MAY-2008 16:05:55; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;32630  
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11; 3168.5; 27-MAY-2008 18:59:30; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32632
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13; 3933.9; 27-MAY-2008 19:12:15; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;32632
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22; 6874.2; 27-MAY-2008 20:01:15; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32632
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 26; 7053.7; 28-MAY-2008 21:13:14; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;32647

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 11; 1491.3; 29-MAY-2008 02:22:55; Bright; 39.5; 80; 7Del Sco ; 2.32; 30000;occ; 79; 0;32651  
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 13; 1701.6; 29-MAY-2008 02:26:25; Bright; 61.0; 98; 13Zet Oph ; 2.57; 30000;occ; 122; 0;32651  
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 16; 2374.6; 29-MAY-2008 02:37:38; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;32651  
 17; 2548.9; 29-MAY-2008 02:40:32; Bright; 45.0; 133; 40Zet Her ; 2.81; 6000;occ; 90; 0;32651  
 18; 3016.4; 29-MAY-2008 02:48:20; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;32651  
 19; 3167.4; 29-MAY-2008 02:50:51; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;32651

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15; 5872.8; 29-MAY-2008 08:37:44; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;32654
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17; 6194.4; 29-MAY-2008 08:43:06; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32654
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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22; 7276.3; 29-MAY-2008 09:01:08; Dark ; 46.0; 75; 26Eps Sco ; 2.29; 4250;occ; 92; 0;32654
23; 7400.7; 29-MAY-2008 09:03:12; Dark ; 49.0; 136; 23Tau Sco ; 2.82; 30000;occ; 98; 0;32654
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 3; 2016.4; 29-MAY-2008 09:14:04; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;32655
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 6; 3015.2; 29-MAY-2008 09:30:43; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32655
 7; 3167.3; 29-MAY-2008 09:33:15; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;32655
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12; 4836.8; 29-MAY-2008 10:01:04; Dark ; 49.0; 140; 88Gam Peg ; 2.83; 26000;occ; 98; 0;32655
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 19; 6883.4; 29-MAY-2008 10:35:11; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32655  
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 21; 7166.2; 29-MAY-2008 10:39:54; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32655  
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 25; 7623.9; 29-MAY-2008 10:47:31; Bright; 46.0; 86; 35Eta Oph ; 2.43; 10200;occ; 92; 0;32655  
 26; 7737.8; 29-MAY-2008 10:49:25; Bright; 40.0; 98; 13Zet Oph ; 2.57; 30000;occ; 80; 0;32655

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 4; 2373.7; 29-MAY-2008 11:00:37; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;32656  
 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  
 10; 4391.0; 29-MAY-2008 11:34:14; Bright; 41.0; 53; 43Bet And ; 2.05; 3300;occ; 82; 0;32656  
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 19; 6883.9; 29-MAY-2008 12:15:47; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32656  
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 23; 7401.1; 29-MAY-2008 12:24:24; Dark ; 41.0; 136; 23Tau Sco ; 2.82; 30000;occ; 82; 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  
 6; 2545.4; 29-MAY-2008 12:44:05; Bright; 45.0; 133; 40Zet Her ; 2.81; 6000;occ; 90; 0;32657  
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 19; 6503.0; 29-MAY-2008 13:50:02; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32657  
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 3; 1242.5; 29-MAY-2008 20:45:21; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32662

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13; 3166.9; 29-MAY-2008 21:17:26; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32662  
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4; 55.6; 29-MAY-2008 22:06:10; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;32663  
5; 166.0; 29-MAY-2008 22:08:01; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32663  
6; 470.5; 29-MAY-2008 22:13:05; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32663  
7; 850.3; 29-MAY-2008 22:19:25; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32663  
8; 1024.9; 29-MAY-2008 22:22:20; Dark ; 42.0; 40; The Sco ; 1.86; 7100;occ; 84; 0;32663  
9; 1133.3; 29-MAY-2008 22:24:08; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32663  
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16; 2015.9; 29-MAY-2008 22:38:51; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;32663  
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27; 5377.3; 29-MAY-2008 23:34:52; Dark ; 46.0; 52; 16Bet Cet ; 2.04; 4500;occ; 92; 0;32663

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4; 1834.9; 29-MAY-2008 14:12:50; Bright; 41.0; 120; 1Del Oph ; 2.73; 3200;occ; 82; 0;32658  
5; 2016.2; 29-MAY-2008 14:15:51; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32658  
6; 2373.6; 29-MAY-2008 14:21:49; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;32658  
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8; 3014.3; 29-MAY-2008 14:32:29; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;32658  
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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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21; 3636.1; 30-MAY-2008 22:34:14; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;32677
22; 3930.4; 30-MAY-2008 22:39:08; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;32677
23; 4393.1; 30-MAY-2008 22:46:51; Bright; 42.5; 53; 43Bet And ; 2.05; 3300;occ; 85; 0;32677
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6; 179.8; 30-MAY-2008 23:17:14; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32678
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 23; 4393.2; 31-MAY-2008 00:27:27; Bright; 41.5; 53; 43Bet And ; 2.05; 3300;occ; 83; 0;32678  
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 7; 3009.8; 30-MAY-2008 14:00:48; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;32672  
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 9; 3930.9; 30-MAY-2008 14:16:09; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32672  
 10; 4392.7; 30-MAY-2008 14:23:51; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;32672  
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 18; 6513.4; 30-MAY-2008 14:59:11; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32672  
 19; 6964.4; 30-MAY-2008 15:06:42; Dark ; 38.5; 147; Alp Ara ; 2.88; 26000;occ; 77; 0;32672  
 20; 7065.4; 30-MAY-2008 15:08:23; Dark ; 47.0; 40; The Sco ; 1.86; 7100;occ; 94; 0;32672  
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 22; 7282.0; 30-MAY-2008 15:12:00; Dark ; 46.0; 75; 26Eps Sco ; 2.29; 4250;occ; 92; 0;32672  
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 3; 1702.2; 30-MAY-2008 15:19:36; Bright; 41.0; 98; 13Zet Oph ; 2.57; 30000;occ; 82; 0;32673  
 4; 1834.4; 30-MAY-2008 15:21:48; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;32673  
 5; 2015.6; 30-MAY-2008 15:24:50; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32673  
 6; 2371.4; 30-MAY-2008 15:30:45; Bright; 37.0; 67; 5Alp CrB ; 2.22; 11000;occ; 74; 0;32673  
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 11; 4392.8; 30-MAY-2008 16:04:27; Bright; 41.5; 53; 43Bet And ; 2.05; 3300;occ; 83; 0;32673  
 12; 4553.1; 30-MAY-2008 16:07:07; Dark ; 53.0; 58; 21Alp And ; 2.07; 11000;occ; 106; 0;32673  
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 18; 6101.0; 30-MAY-2008 16:32:55; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;32673  
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 20; 6514.2; 30-MAY-2008 16:39:48; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32673  
 21; 6965.1; 30-MAY-2008 16:47:19; Dark ; 45.0; 147; Alp Ara ; 2.88; 26000;occ; 90; 0;32673  
 22; 7065.9; 30-MAY-2008 16:49:00; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32673  
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 7; 1834.4; 30-MAY-2008 17:02:24; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;32674  
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 12; 3637.9; 30-MAY-2008 17:32:28; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32674  
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 23; 6514.8; 30-MAY-2008 18:20:25; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32674  
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 5; 1369.8; 30-MAY-2008 18:35:16; Dark ; 39.5; 136; 23Tau Sco ; 2.82; 30000;occ; 79; 0;32675  
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 7; 1589.9; 30-MAY-2008 18:38:56; Bright; 46.0; 86; 35Eta Oph ; 2.43; 10200;occ; 92; 0;32675  
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 9; 1834.4; 30-MAY-2008 18:43:00; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;32675  
 10; 2015.5; 30-MAY-2008 18:46:02; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;32675  
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 22; 5898.2; 30-MAY-2008 19:50:44; Dark ; 60.5; 18; 24Alp PsA ; 1.17; 9700;occ; 121; 0;32675  
 23; 6102.5; 30-MAY-2008 19:54:09; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;32675  
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 5; 1498.1; 31-MAY-2008 19:46:23; Bright; 38.0; 80; 7Del Sco ; 2.32; 30000;occ; 76; 0;32690  
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 9; 2014.8; 31-MAY-2008 19:55:00; Bright; 36.5; 102; 24Alp Ser ; 2.60; 4250;occ; 73; 0;32690  
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 12; 3004.6; 31-MAY-2008 20:11:30; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;32690  
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3; -119.3; 31-MAY-2008 21:00:02; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;32690
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