

# GOMOS Daily Report 20-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	23MAY2008 10:00:17
Data source version	GOMOS/5.00
Start time of products	20-05-2008 (20MAY2008 00:00:00)
Stop time of products	21-05-2008 (21MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	49
Nb of prods with errors	0

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

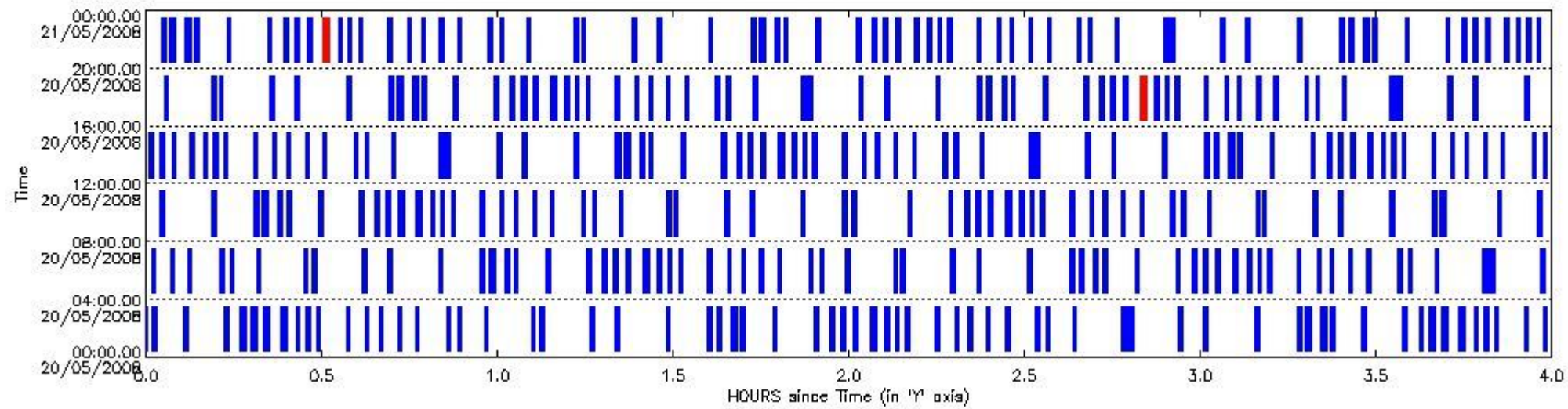
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

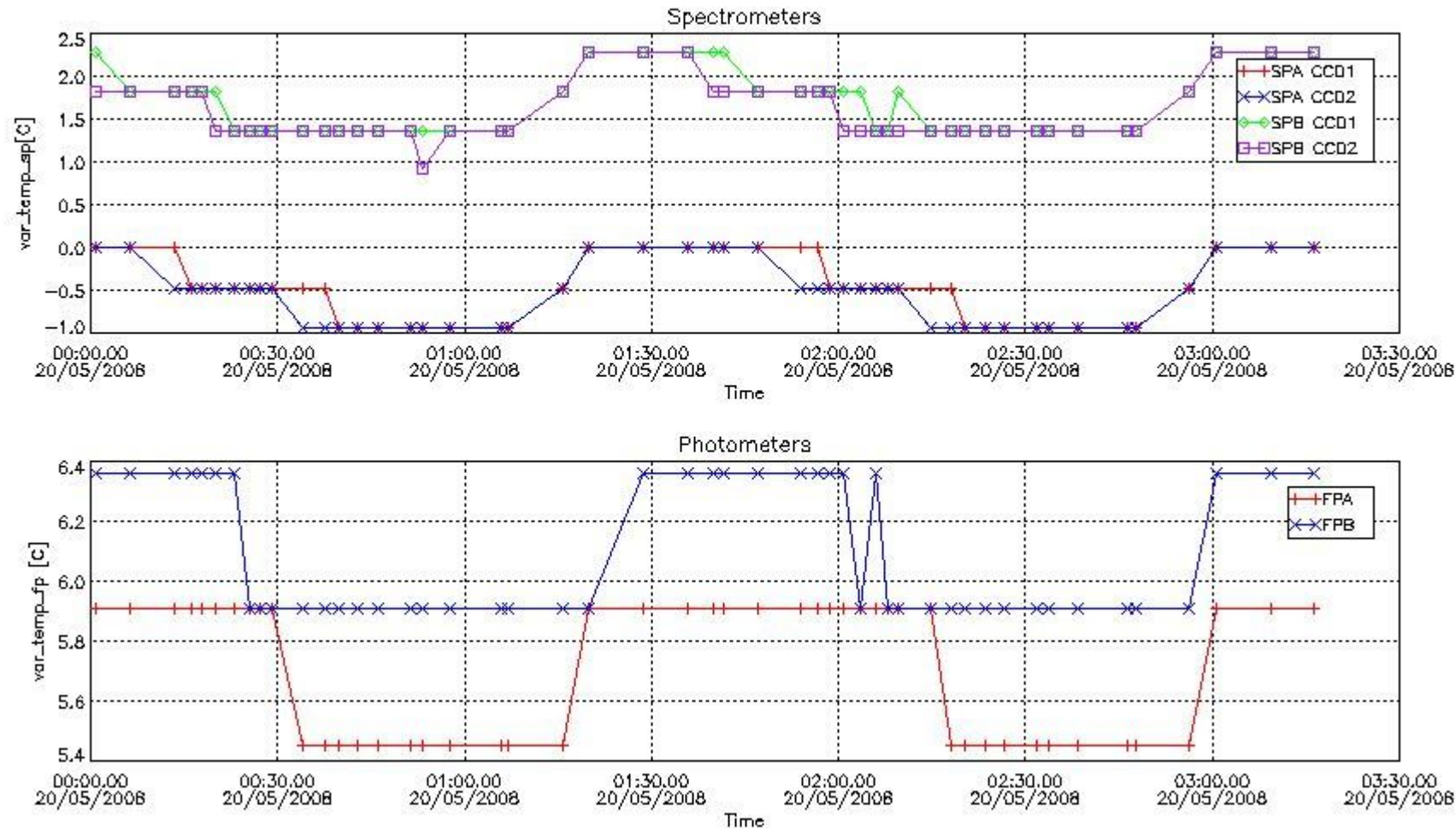
UTC start time	Star name	Star ID	Orbit
20-MAY-2008 18:49:38	21AlpSco	16	32532
20-MAY-2008 20:30:14	21AlpSco	16	32533

### 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_1PNPDE20080520_000055_000000432068_00403_32521_8530.N1	20-MAY-2008 00:00:55	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32521	No
2	GOM_TRA_1PNPDE20080520_000624_000000392068_00403_32521_8531.N1	20-MAY-2008 00:06:24	Dark	39.000	45	Alp Pav	1.9400	26000.	78	32521	No
3	GOM_TRA_1PNPDE20080520_001322_000000442068_00403_32521_8532.N1	20-MAY-2008 00:13:22	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	32521	No
4	GOM_TRA_1PNPDE20080520_001603_000000512068_00403_32521_8533.N1	20-MAY-2008 00:16:03	Straylight	51.000	40	The Sco	1.8590	7100.0	102	32521	No
5	GOM_TRA_1PNPDE20080520_001755_000000542068_00403_32521_8534.N1	20-MAY-2008 00:17:55	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	32521	No
6	GOM_TRA_1PNPDE20080520_002005_000000522068_00403_32521_8535.N1	20-MAY-2008 00:20:05	Twilight_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	32521	No
7	GOM_TRA_1PNPDE20080520_002302_000000622068_00403_32521_8536.N1	20-MAY-2008 00:23:02	Twilight_stray	62.000	16	21Alp Sco	1.0200	3000.0	124	32521	No
8	GOM_TRA_1PNPDE20080520_002531_000000422068_00403_32521_8537.N1	20-MAY-2008 00:25:31	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32521	No
9	GOM_TRA_1PNPDE20080520_002717_000000372068_00403_32521_8538.N1	20-MAY-2008 00:27:17	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32521	No

10	GOM_TRA_1PNPDE20080520_002904_000000382068_00403_32521_8539.N1	20-MAY-2008 00:29:04	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32521	No
11	GOM_TRA_1PNPDE20080520_003406_000000412068_00403_32521_8540.N1	20-MAY-2008 00:34:06	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	32521	No
12	GOM_TRA_1PNPDE20080520_003728_000000352068_00403_32521_8541.N1	20-MAY-2008 00:37:28	Bright	34.500	3	16Alp Boo	-0.050000	4250.0	69	32521	No
13	GOM_TRA_1PNPDE20080520_003947_000000362068_00403_32521_8542.N1	20-MAY-2008 00:39:47	Bright	36.000	83		2.3780	11000.	72	32521	No
14	GOM_TRA_1PNPDE20080520_004256_000000352068_00403_32521_8543.N1	20-MAY-2008 00:42:56	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32521	No
15	GOM_TRA_1PNPDE20080520_004600_000000332068_00403_32521_8544.N1	20-MAY-2008 00:46:00	Bright	32.500	39	85Eta UMa	1.8540	24000.	65	32521	No
16	GOM_TRA_1PNPDE20080520_005118_000000412068_00403_32521_8545.N1	20-MAY-2008 00:51:18	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32521	No
17	GOM_TRA_1PNPDE20080520_005310_000000362068_00403_32521_8546.N1	20-MAY-2008 00:53:10	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	32521	No
18	GOM_TRA_1PNPDE20080520_005740_000000342068_00403_32521_8547.N1	20-MAY-2008 00:57:40	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32521	No
19	GOM_TRA_1PNPDE20080520_010551_000000352068_00403_32521_8548.N1	20-MAY-2008 01:05:51	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32521	No
20	GOM_TRA_1PNPDE20080520_010704_000000542068_00403_32521_8549.N1	20-MAY-2008 01:07:04	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32521	No
21	GOM_TRA_1PNPDE20080520_011538_000000452068_00403_32521_8550.N1	20-MAY-2008 01:15:38	Twilight	44.500	58	21Alp And	2.0730	11000.	89	32521	No
22	GOM_TRA_1PNPDE20080520_011957_000000432068_00403_32521_8551.N1	20-MAY-2008 01:19:57	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	32521	No
23	GOM_TRA_1PNPDE20080520_012843_000000442068_00403_32521_8648.N1	20-MAY-2008 01:28:43	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32521	No
24	GOM_TRA_1PNPDE20080520_013547_000000512068_00403_32521_8649.N1	20-MAY-2008 01:35:47	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	32521	No
25	GOM_TRA_1PNPDE20080520_013956_000000582068_00403_32521_8650.N1	20-MAY-2008 01:39:56	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	32521	No
26	GOM_TRA_1PNPDE20080520_014132_000000442068_00404_32522_8651.N1	20-MAY-2008 01:41:32	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32522	No
27	GOM_TRA_1PNPDE20080520_014700_000000412068_00404_32522_8652.N1	20-MAY-2008 01:47:00	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32522	No
28	GOM_TRA_1PNPDE20080520_015358_000000432068_00404_32522_8653.N1	20-MAY-2008 01:53:58	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	32522	No
29	GOM_TRA_1PNPDE20080520_015640_000000492068_00404_32522_8654.N1	20-MAY-2008 01:56:40	Straylight	48.500	40	The Sco	1.8590	7100.0	97	32522	No
30	GOM_TRA_1PNPDE20080520_015831_000000512068_00404_32522_8655.N1	20-MAY-2008 01:58:31	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	32522	No
31	GOM_TRA_1PNPDE20080520_020041_000000472068_00404_32522_8656.N1	20-MAY-2008 02:00:41	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	32522	No
32	GOM_TRA_1PNPDE20080520_020338_000000592068_00404_32522_8657.N1	20-MAY-2008 02:03:38	Twilight	59.000	16	21Alp Sco	1.0200	3000.0	118	32522	No
33	GOM_TRA_1PNPDE20080520_020607_000000432068_00404_32522_8658.N1	20-MAY-2008 02:06:07	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	32522	No
34	GOM_TRA_1PNPDE20080520_020754_000000372068_00404_32522_8659.N1	20-MAY-2008 02:07:54	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32522	No
35	GOM_TRA_1PNPDE20080520_020940_000000392068_00404_32522_8660.N1	20-MAY-2008 02:09:40	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32522	No
36	GOM_TRA_1PNPDE20080520_021442_000000412068_00404_32522_8661.N1	20-MAY-2008 02:14:42	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	32522	No
37	GOM_TRA_1PNPDE20080520_021804_000000362068_00404_32522_8662.N1	20-MAY-2008 02:18:04	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	32522	No
38	GOM_TRA_1PNPDE20080520_022023_000000392068_00404_32522_8663.N1	20-MAY-2008 02:20:23	Bright	39.000	83		2.3780	11000.	78	32522	No
39	GOM_TRA_1PNPDE20080520_022332_000000352068_00404_32522_8664.N1	20-MAY-2008 02:23:32	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32522	No
40	GOM_TRA_1PNPDE20080520_022636_000000502068_00404_32522_8665.N1	20-MAY-2008 02:26:36	Bright	49.500	39	85Eta UMa	1.8540	24000.	99	32522	No
41	GOM_TRA_1PNPDE20080520_023153_000000392068_00404_32522_8666.N1	20-MAY-2008 02:31:53	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	32522	No
42	GOM_TRA_1PNPDE20080520_023345_000000342068_00404_32522_8667.N1	20-MAY-2008 02:33:45	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32522	No
43	GOM_TRA_1PNPDE20080520_023815_000000362068_00404_32522_8668.N1	20-MAY-2008 02:38:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32522	No
44	GOM_TRA_1PNPDE20080520_024627_000000532068_00404_32522_8809.N1	20-MAY-2008 02:46:27	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32522	No
45	GOM_TRA_1PNPDE20080520_024740_000000542068_00404_32522_8810.N1	20-MAY-2008 02:47:40	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32522	No
46	GOM_TRA_1PNPDE20080520_025614_000000472068_00404_32522_8811.N1	20-MAY-2008 02:56:14	Twilight	46.500	58	21Alp And	2.0730	11000.	93	32522	No
47	GOM_TRA_1PNPDE20080520_030033_000000442068_00404_32522_8812.N1	20-MAY-2008 03:00:33	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	32522	No
48	GOM_TRA_1PNPDE20080520_030919_000000442068_00404_32522_8813.N1	20-MAY-2008 03:09:19	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32522	No
49	GOM_TRA_1PNPDE20080520_031624_000000512068_00404_32522_8814.N1	20-MAY-2008 03:16:24	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	32522	No

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



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

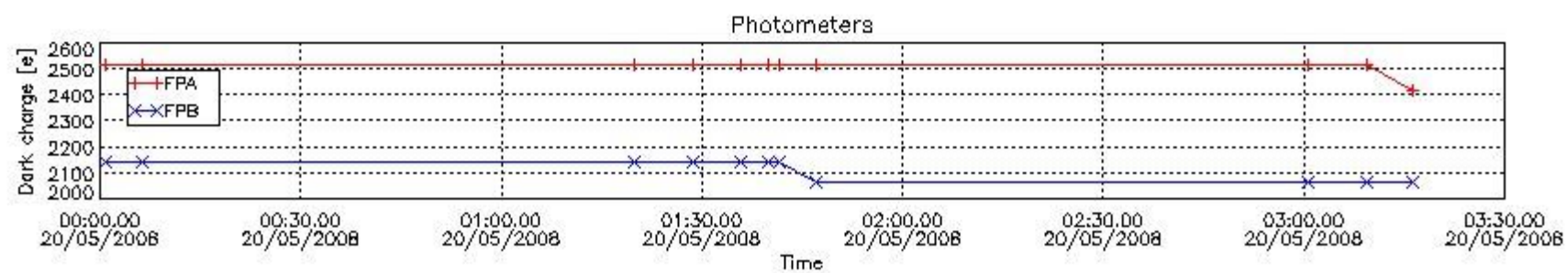
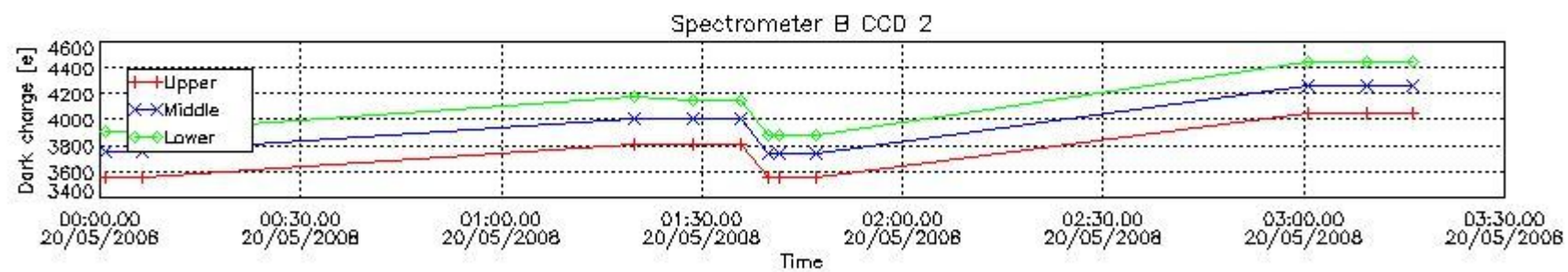
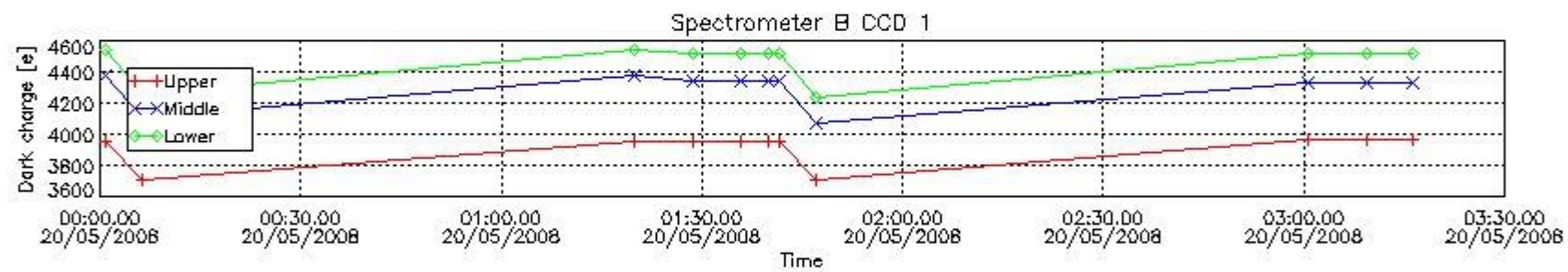
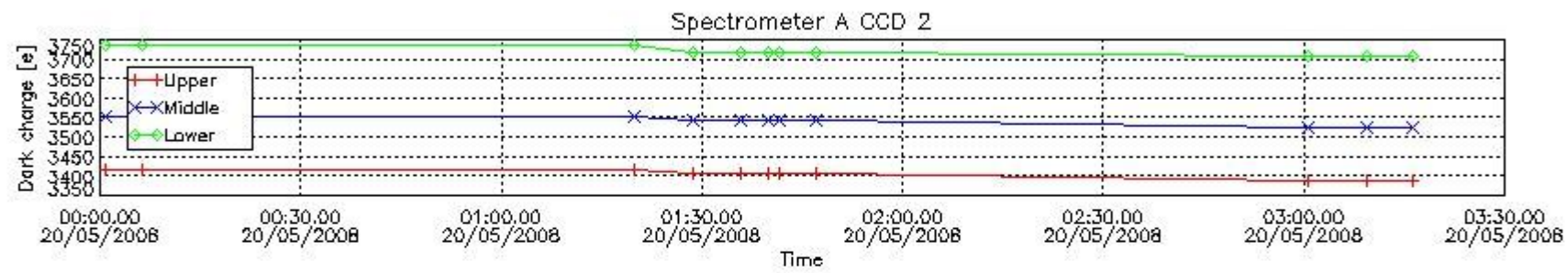
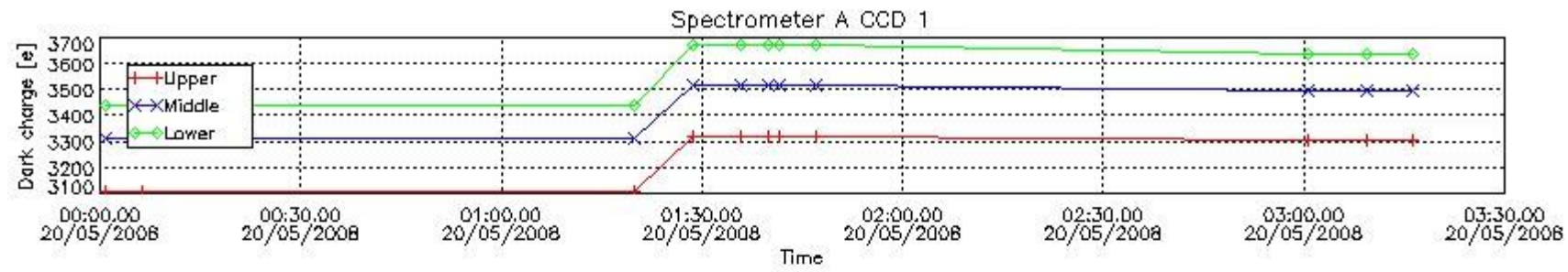
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount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

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

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

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





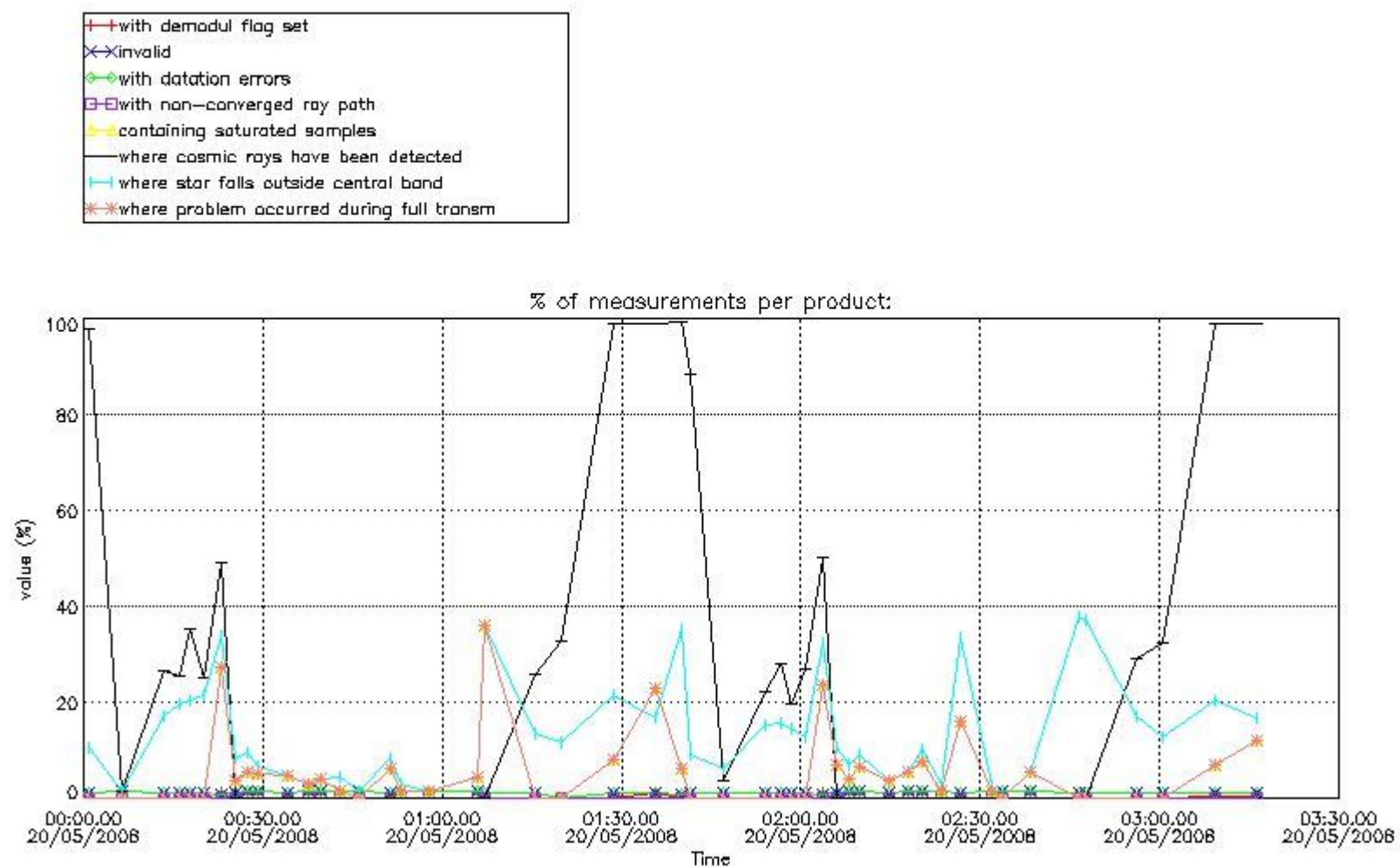
## 5. Demodulation flag and quality information monitoring

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

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

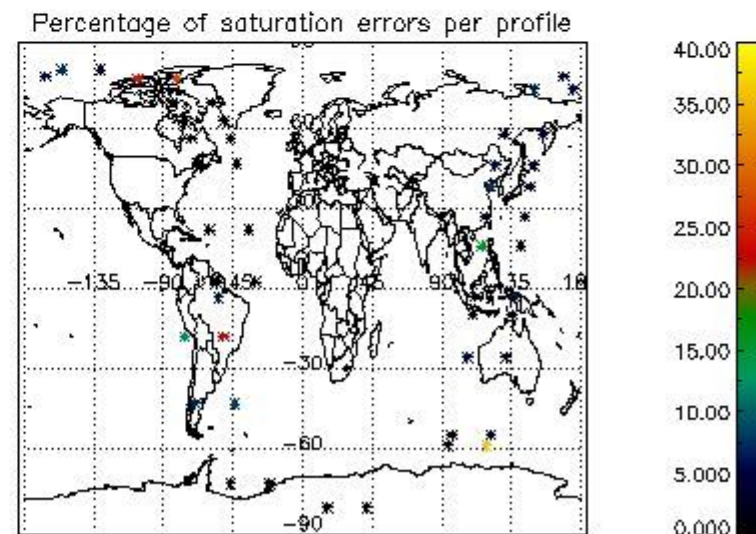
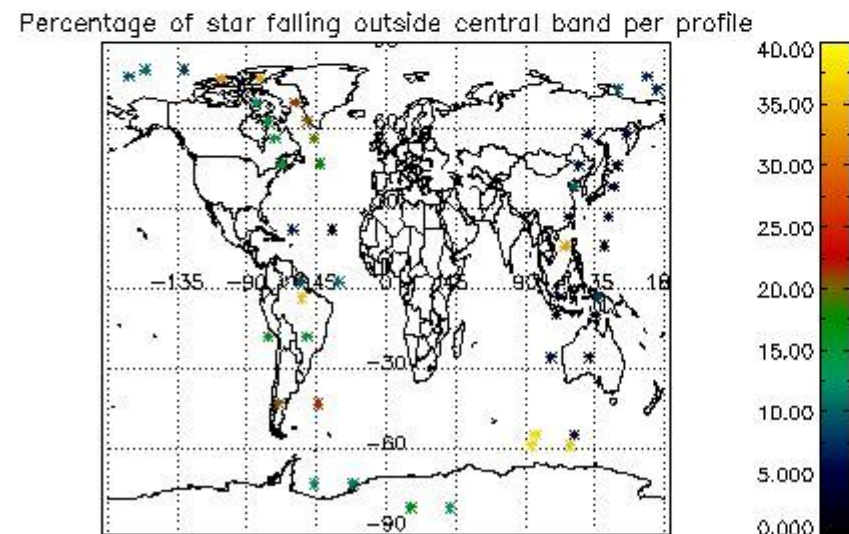
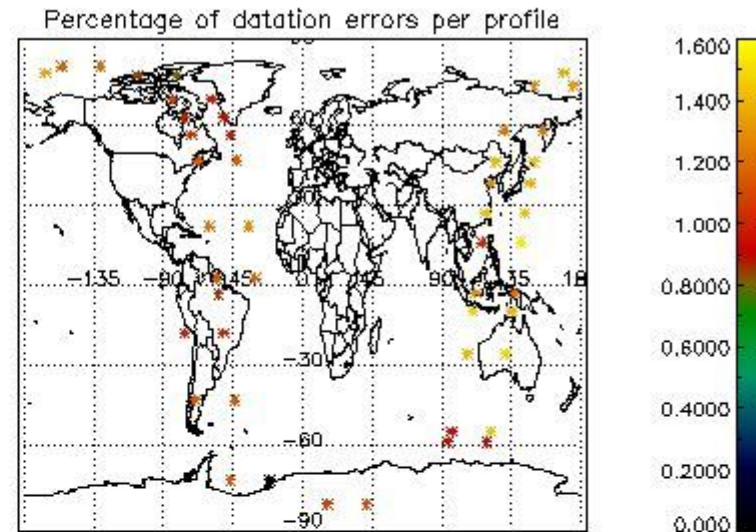
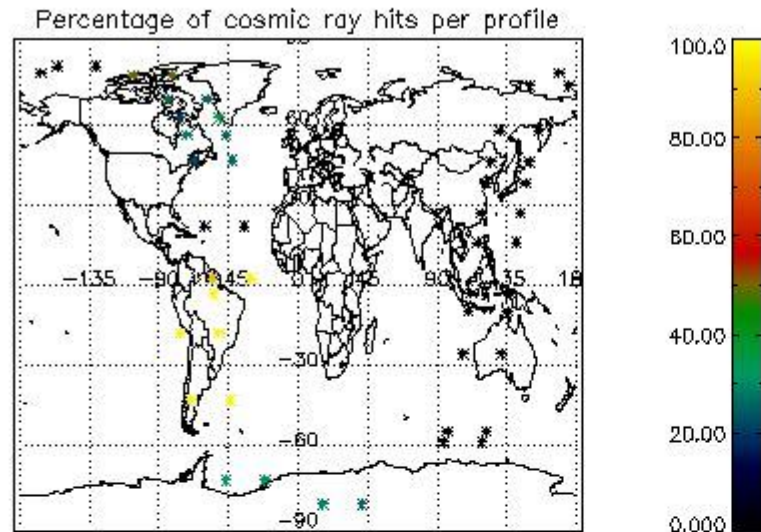
At least one measurement with demodulation flag set:	32.6531 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

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



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





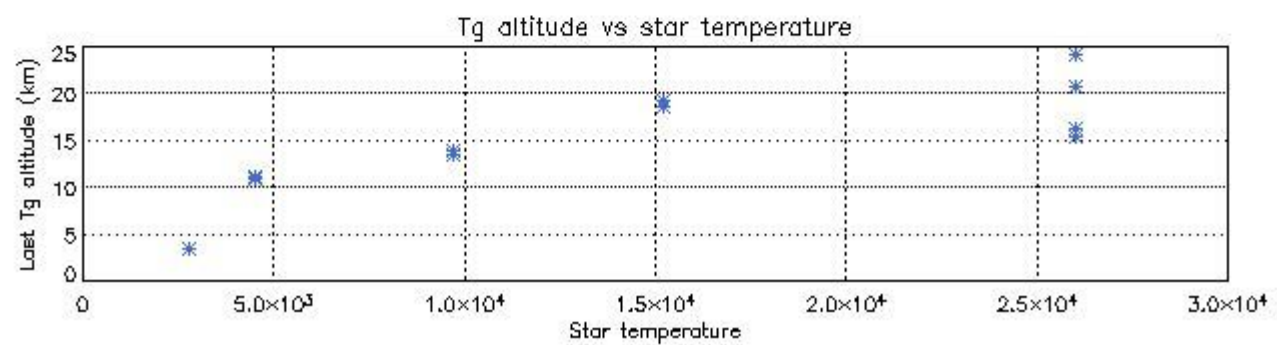
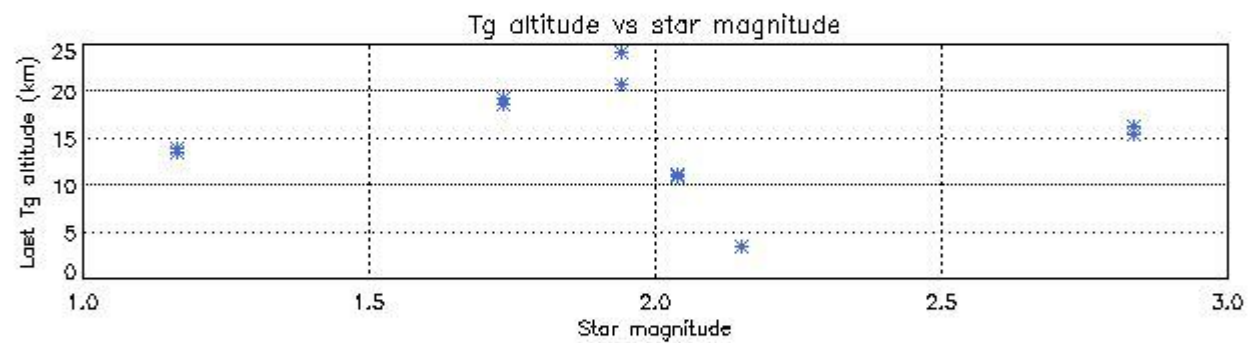
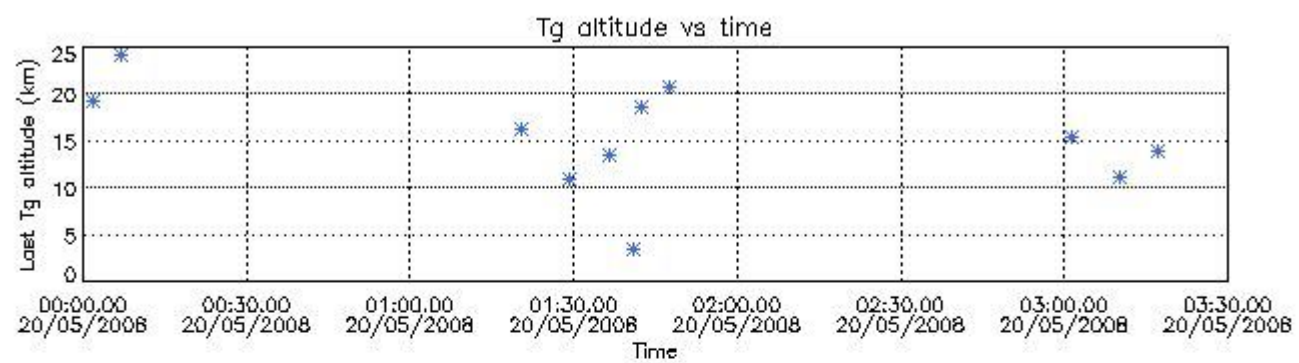
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.210	19.220	NaN
St. deviation:	5.6280	6.9395	NaN
Maximum:	24.125	27.351	NaN
Minimum:	3.4120	3.9136	NaN
Number of data:	11.000	26.000	NaN

### 6.2 Plot for DARK limb products

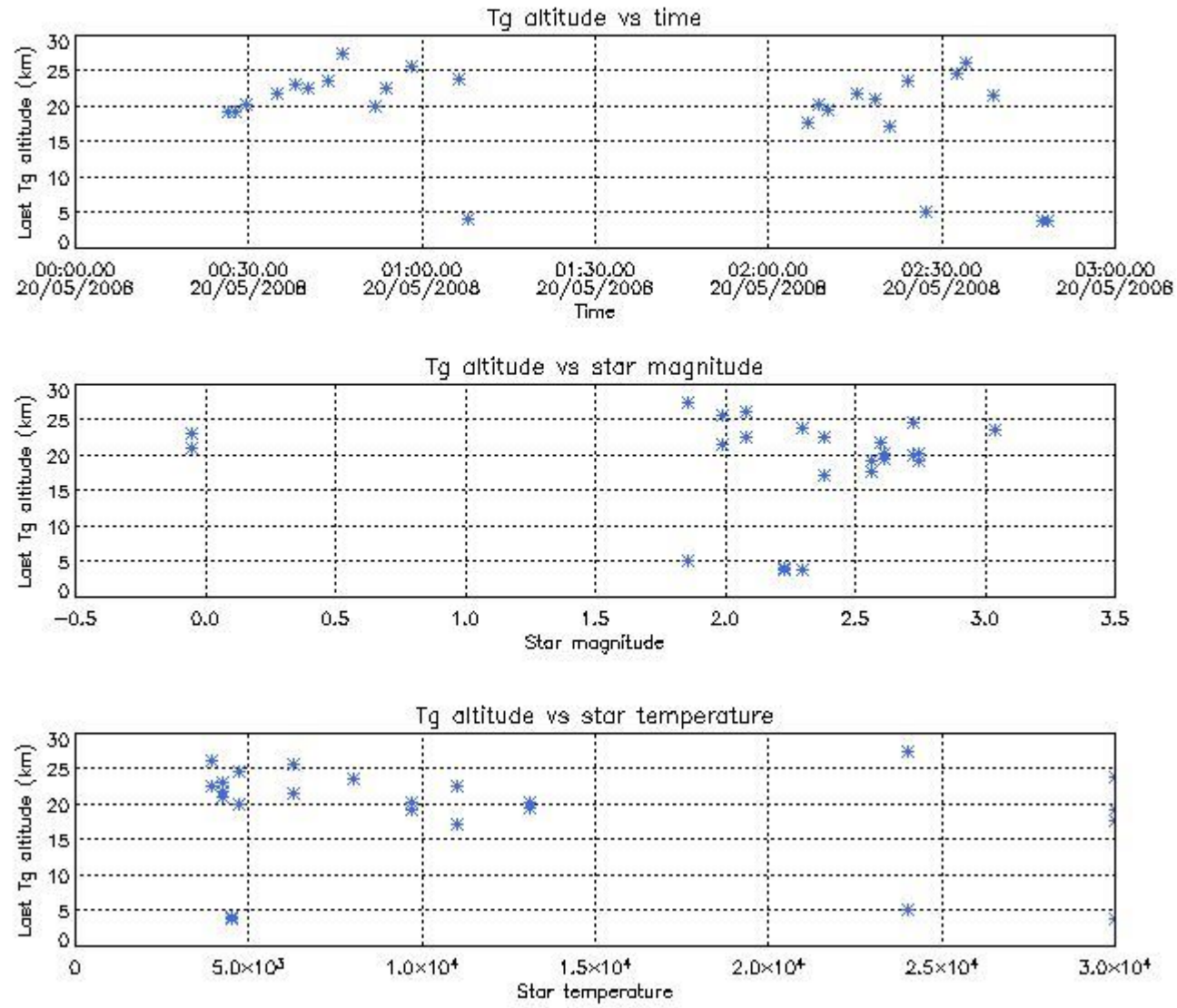
Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products



## Tangent altitude at which the star is lost

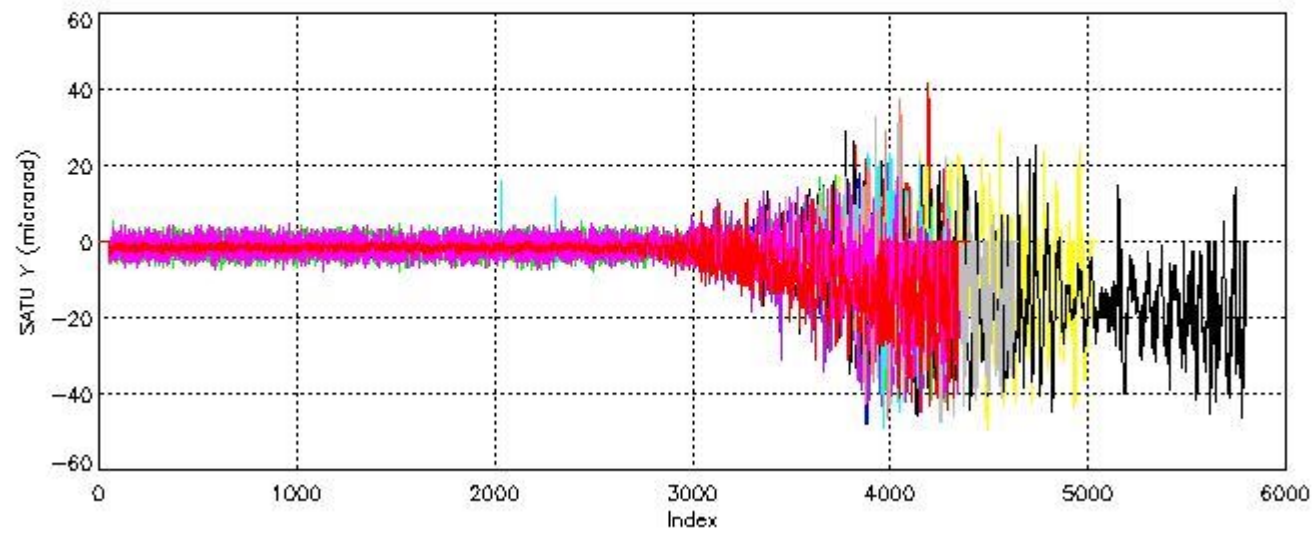
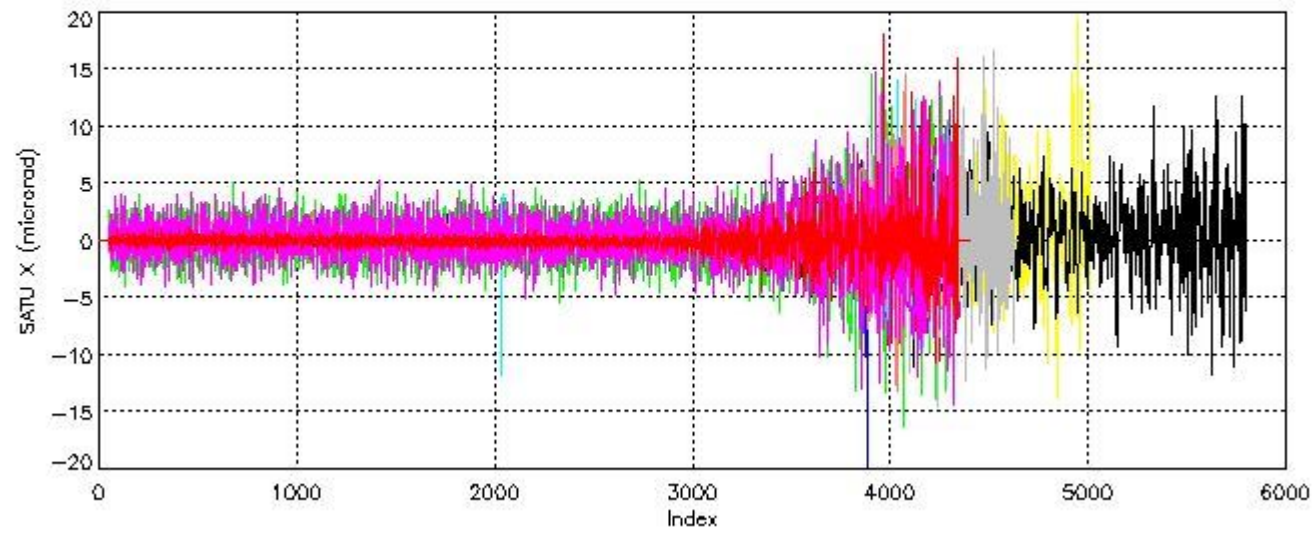


## 7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

### 7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.



## 7.2 Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere.

Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

### 7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.17403	-1.2415	0.16751	-1.2808
St. deviation:	0.60997	1.1413	0.79388	1.2449
Maximum:	5.0000	5.5000	5.9000	5.1000
Minimum:	-4.1000	-7.5000	-5.2000	-7.8000

Number of data:	10900.	10900.	22200.	22200.
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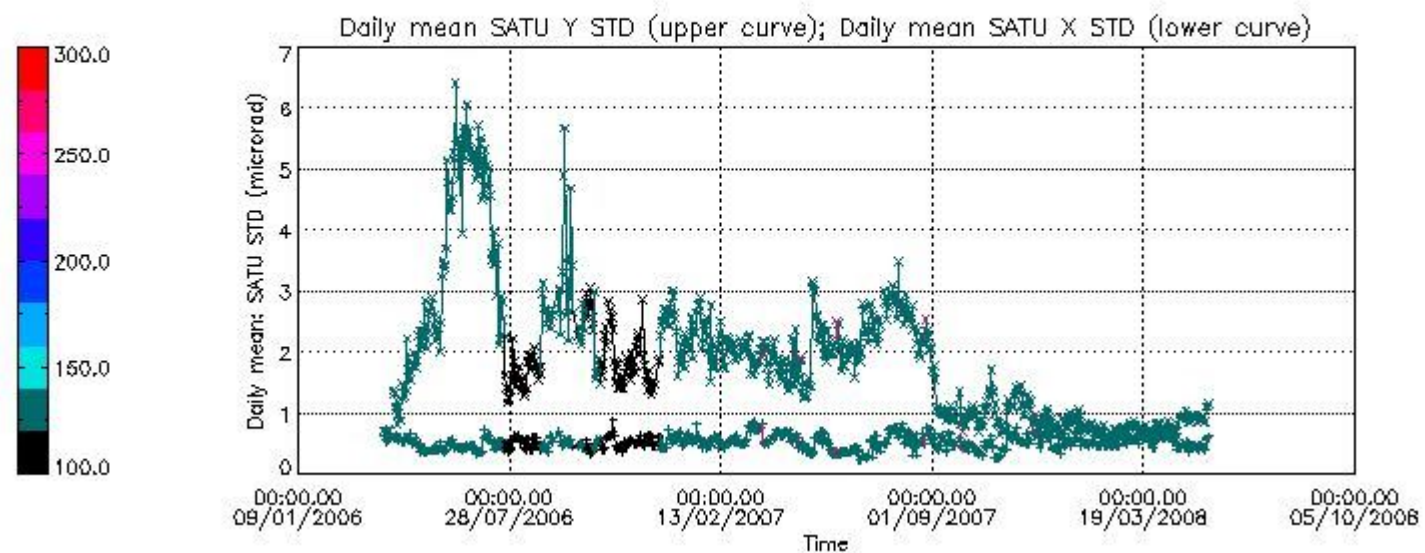
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

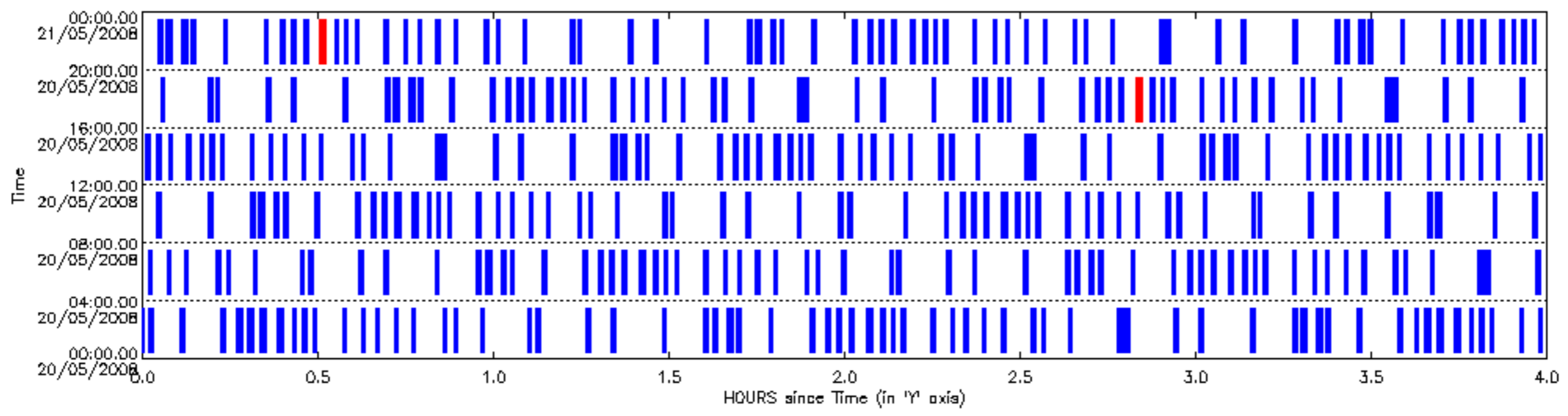


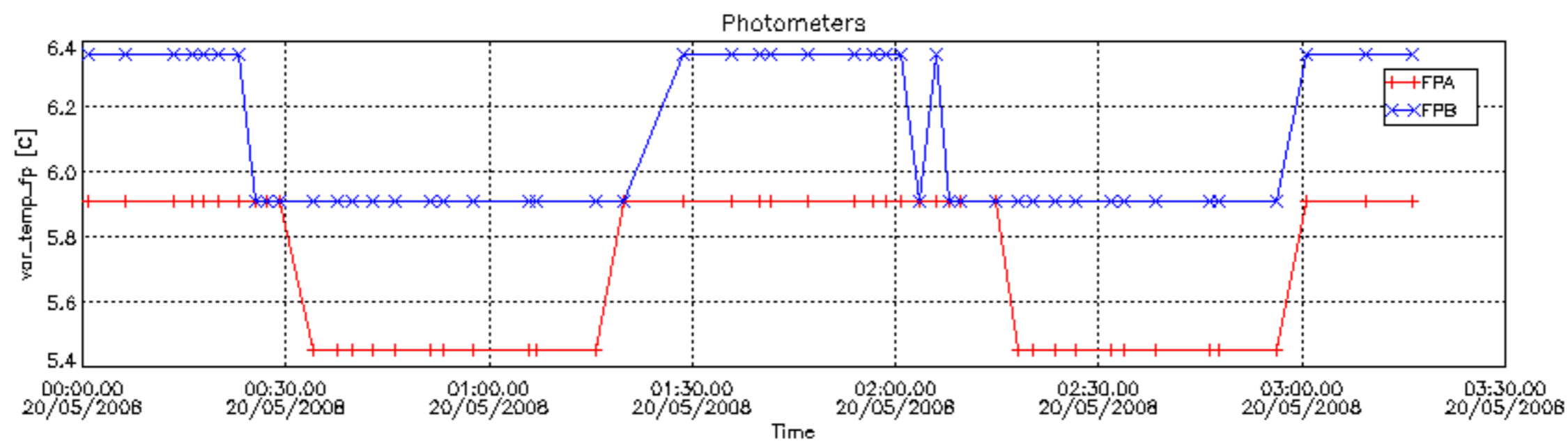
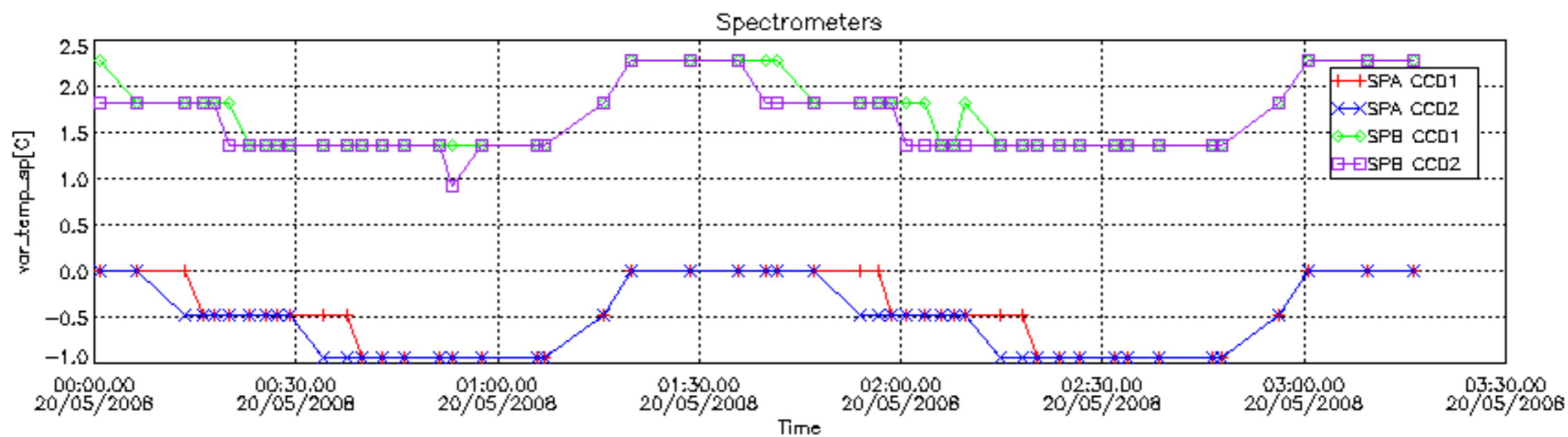
### 8. Auxiliary Data Files used for the production reported in section 2.4

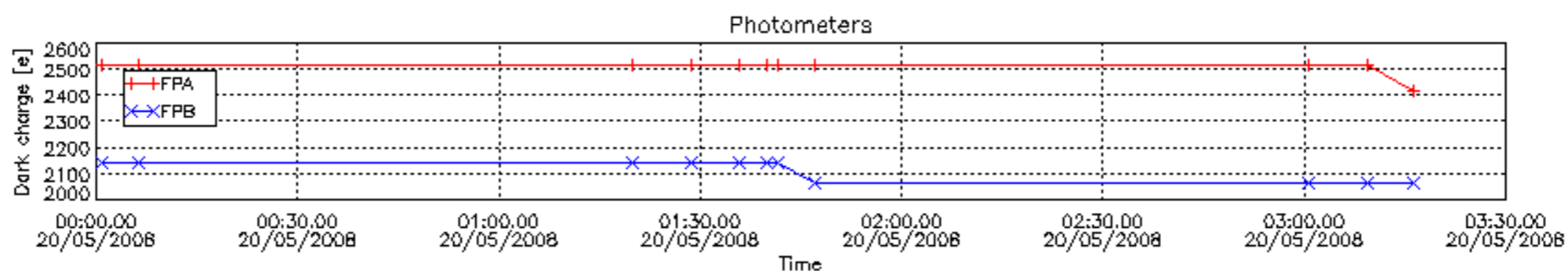
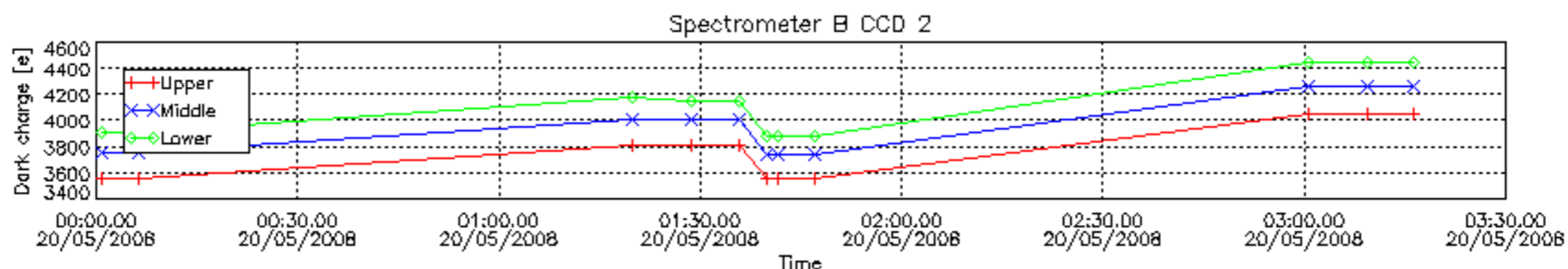
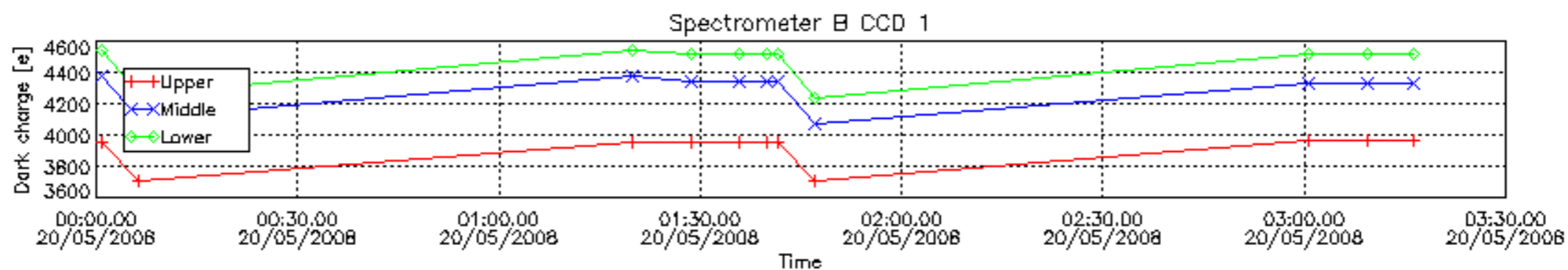
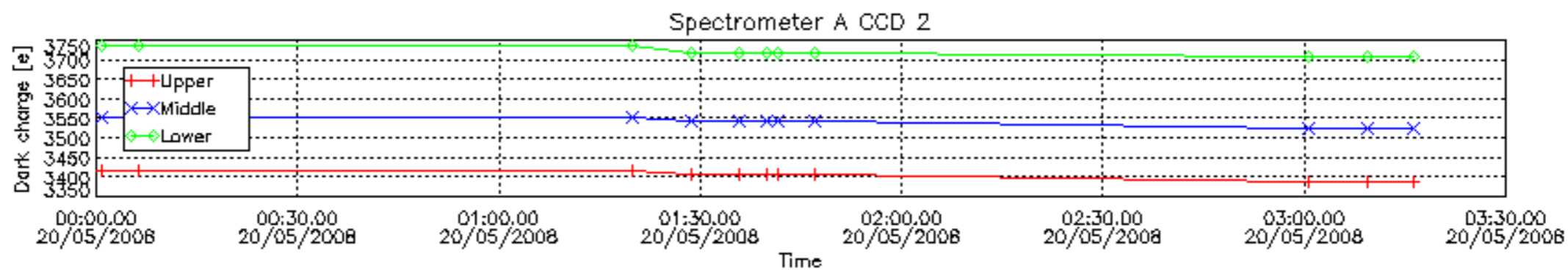
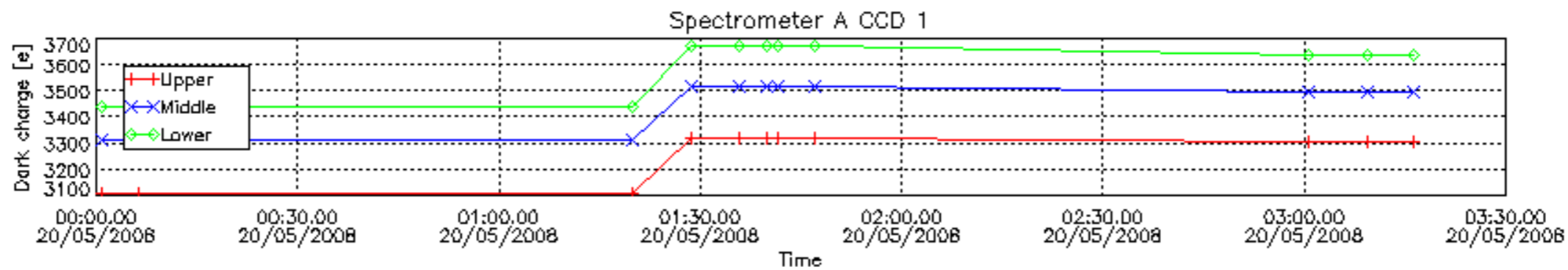
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	20-MAY-2008 00:00:55
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20080514_112535_20080512_000000_20100101_000000	1	20-MAY-2008 00:00:55
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	20-MAY-2008 00:00:55
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	20-MAY-2008 00:00:55
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	20-MAY-2008 00:00:55
ECMWF_FILE	AUX_ECF_AXNECM20080519_072113_20080519_210000_20080520_090000	1	20-MAY-2008 00:00:55
OPTIONAL_ECMWF_FILE	MISSING	1	20-MAY-2008 00:00:55
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080519_220420_000057382068_00401_32519_5566.N1	1	20-MAY-2008 00:00:55
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080519_234517_000057382068_00402_32520_5567.N1	23	20-MAY-2008 01:28:43
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080520_012614_000044632068_00403_32521_5568.N1	44	20-MAY-2008 02:46:27

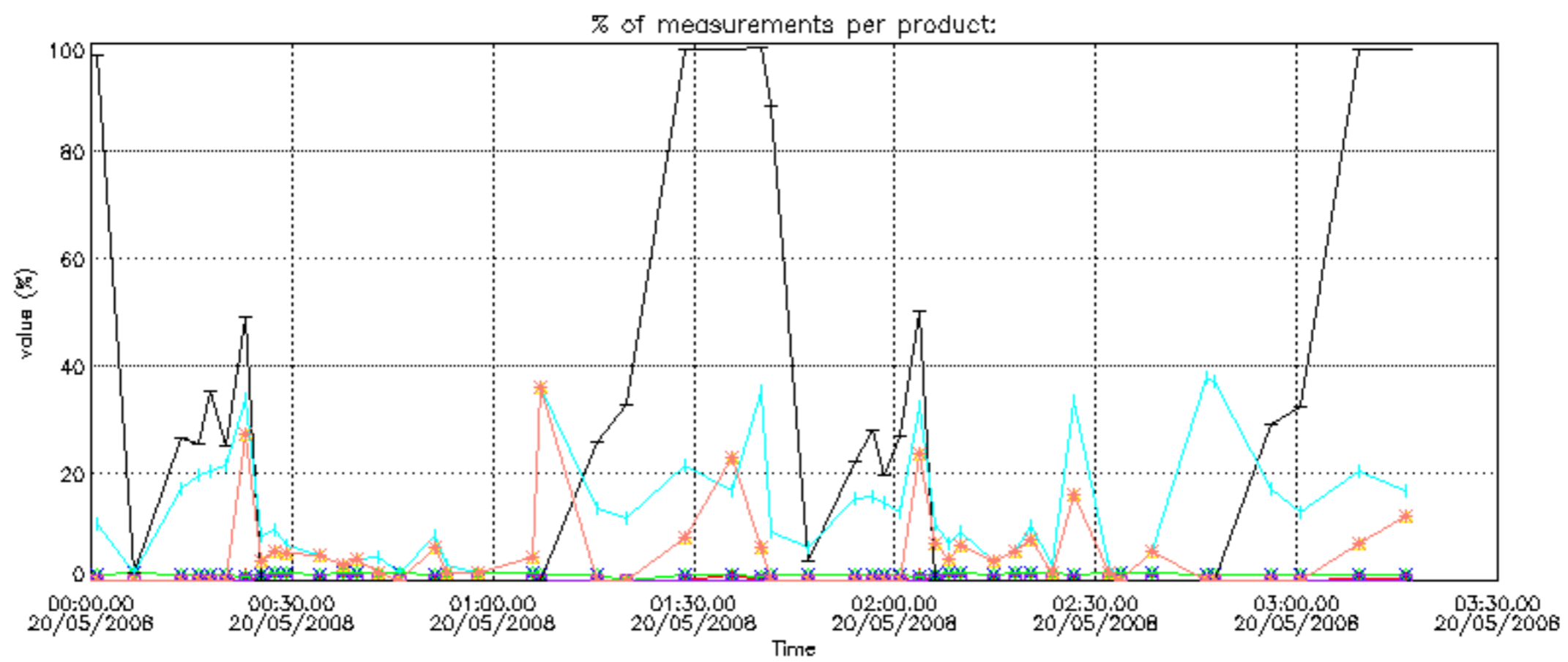
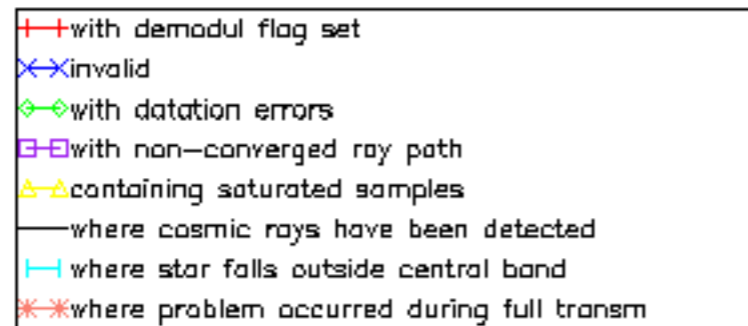




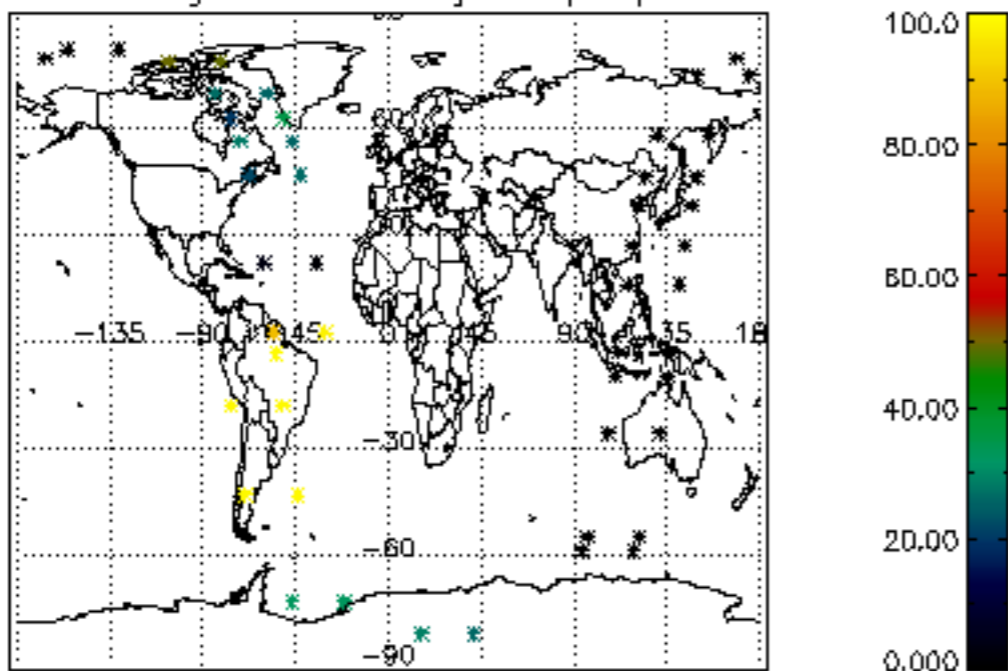




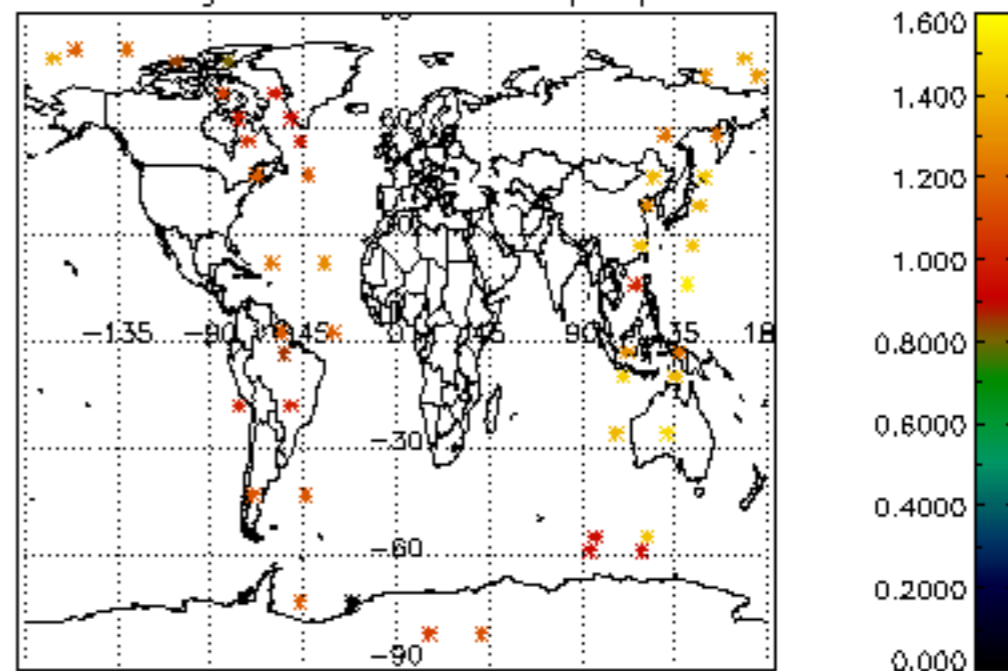




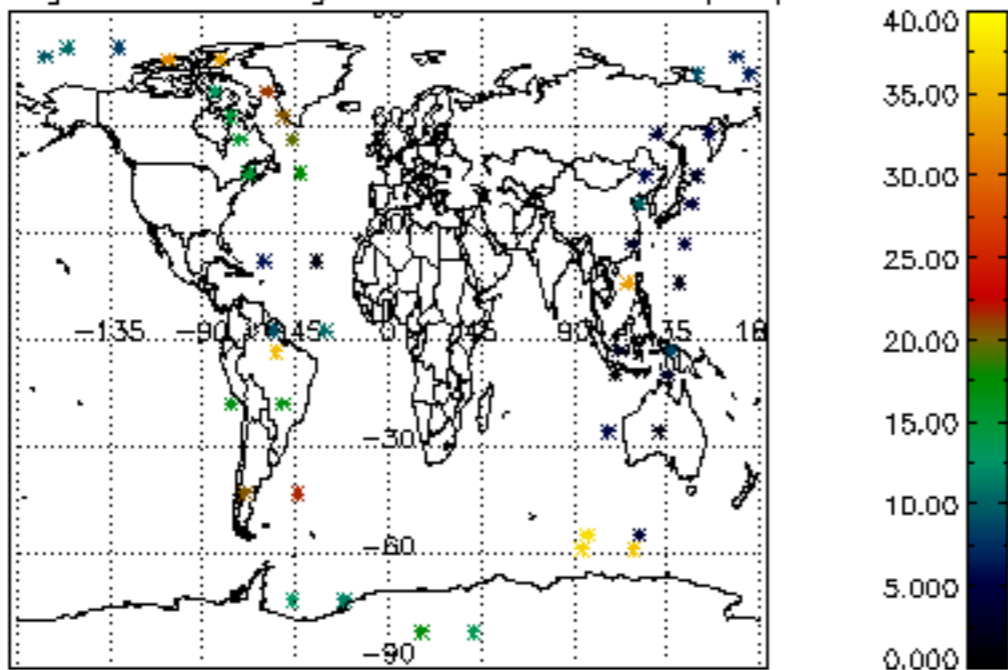
Percentage of cosmic ray hits per profile



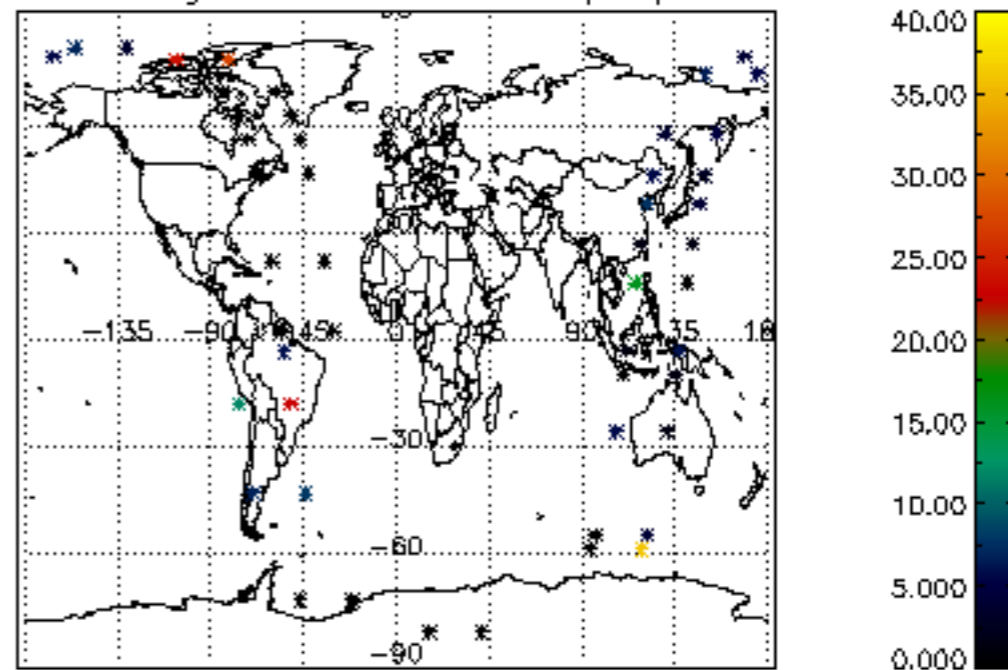
Percentage of datation errors per profile



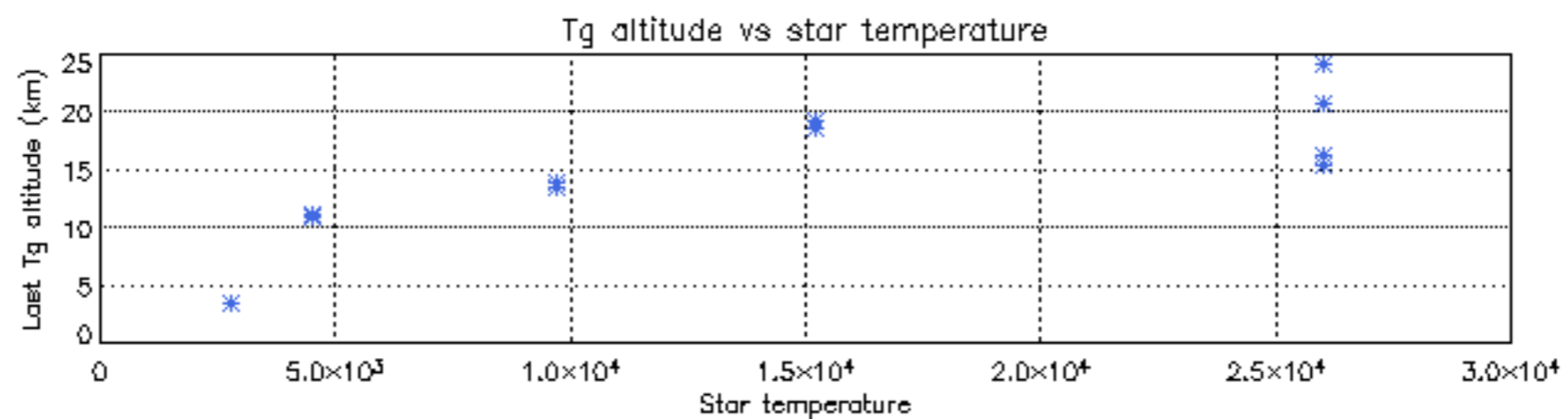
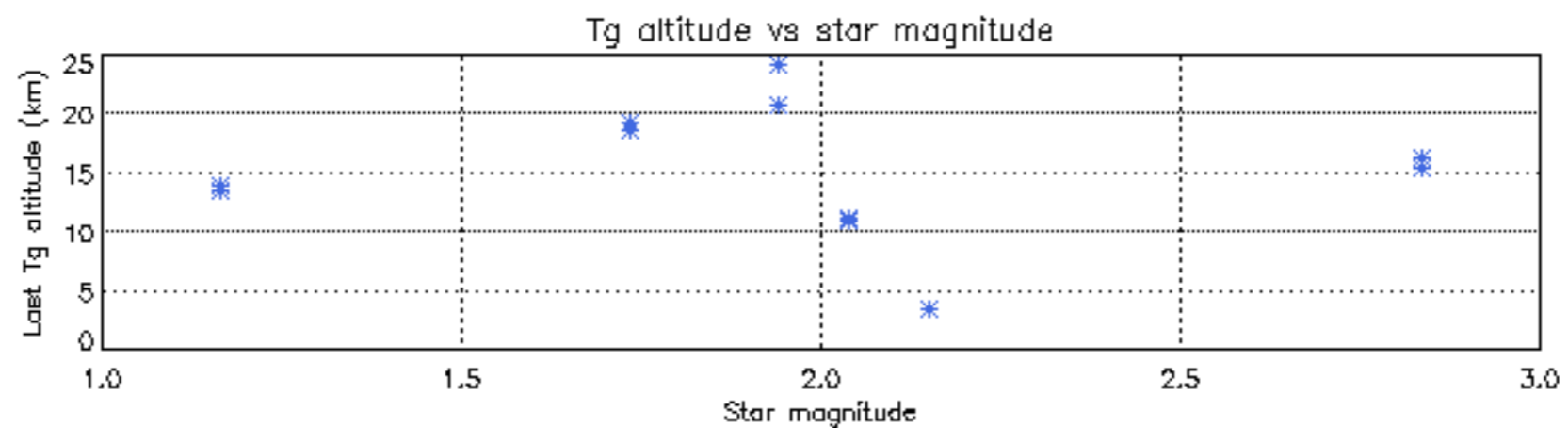
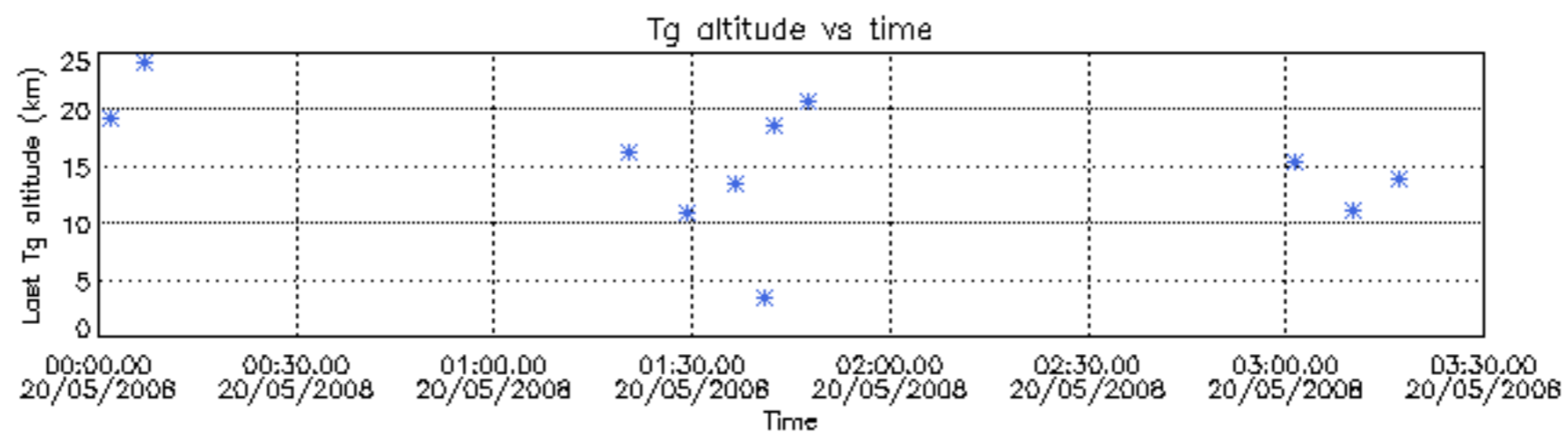
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

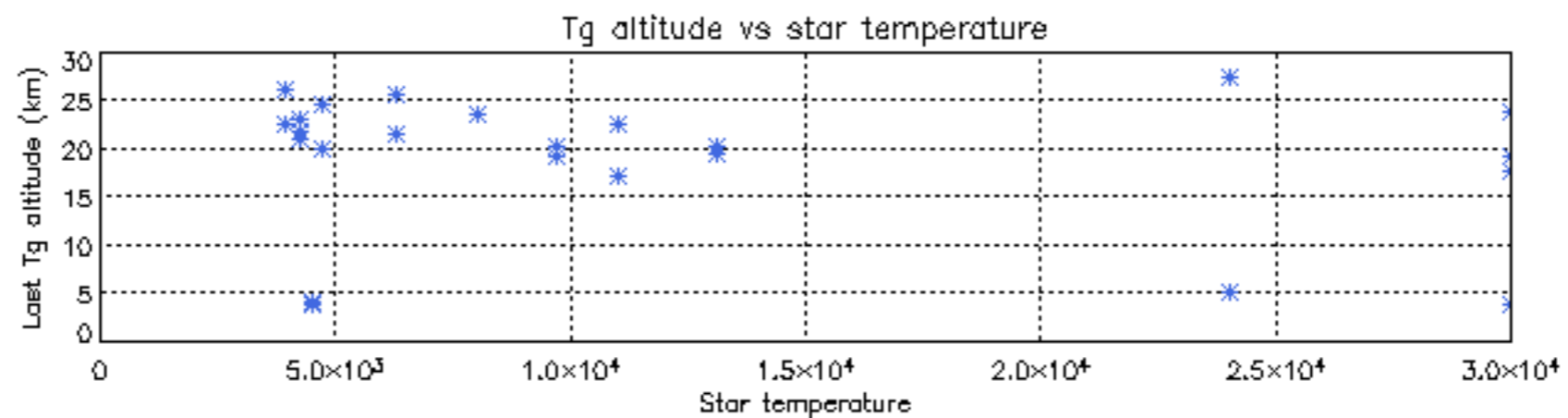
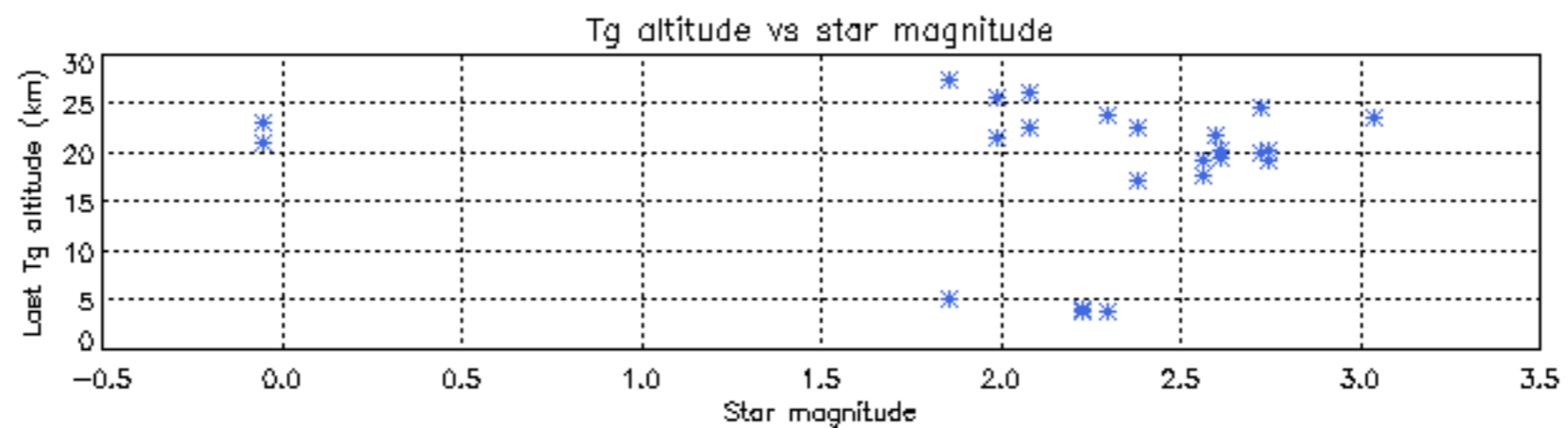
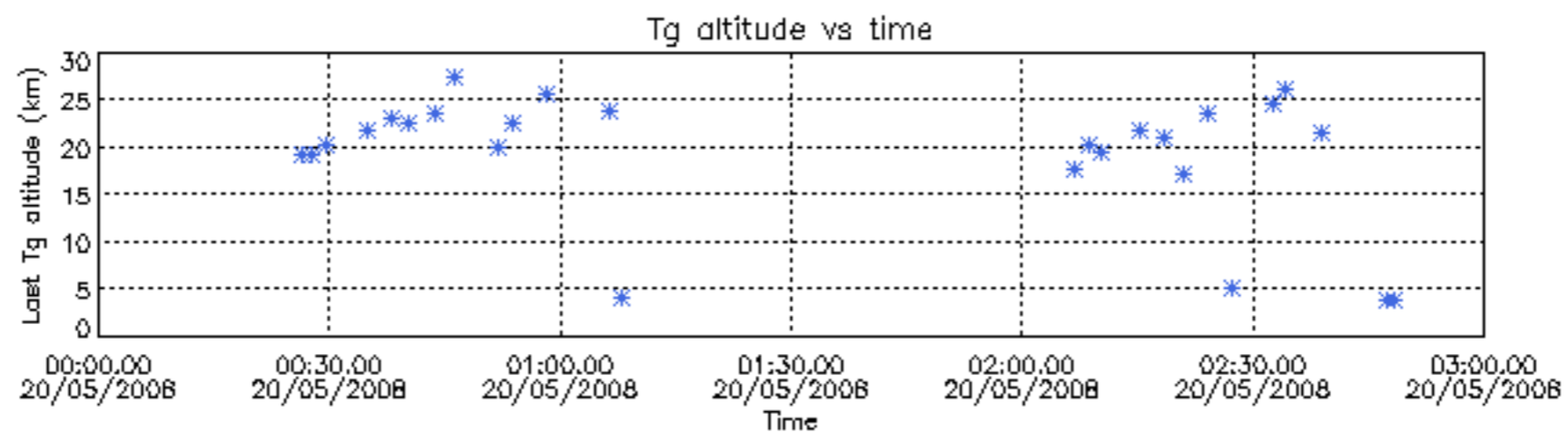


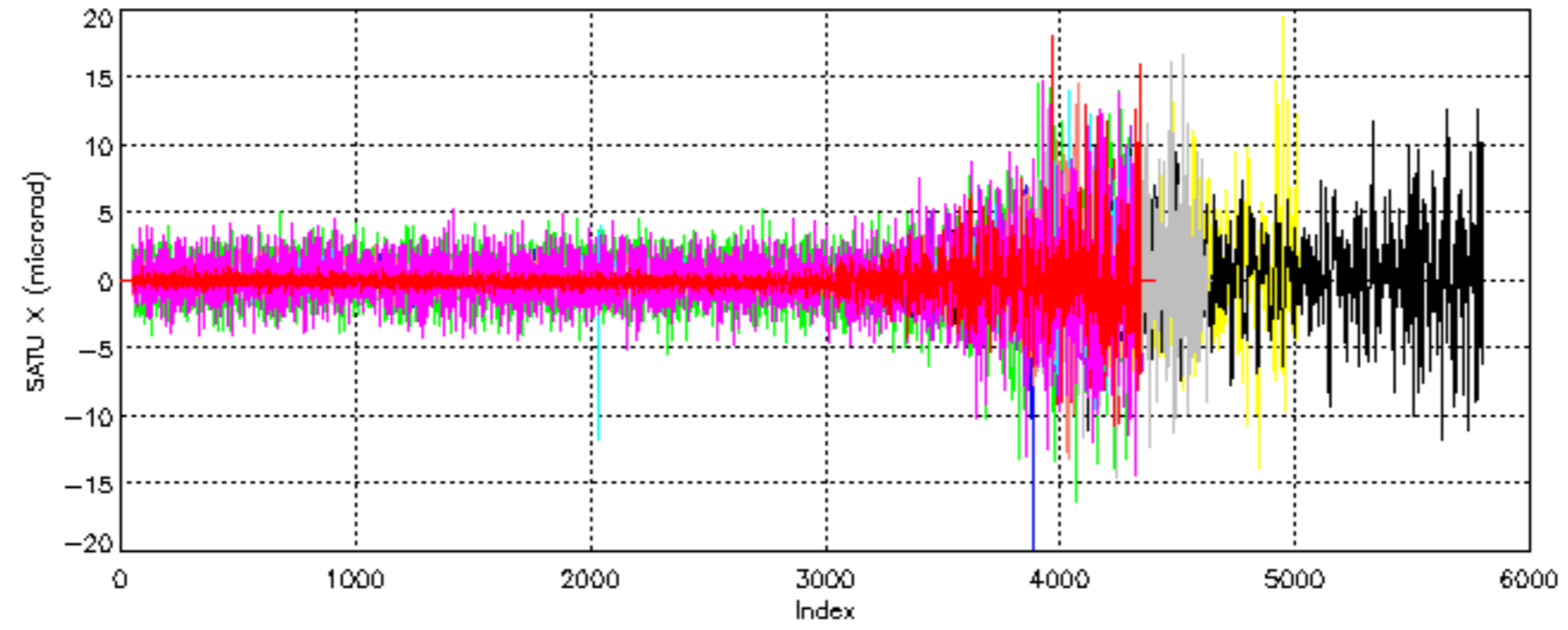
Tangent altitude at which the star is lost

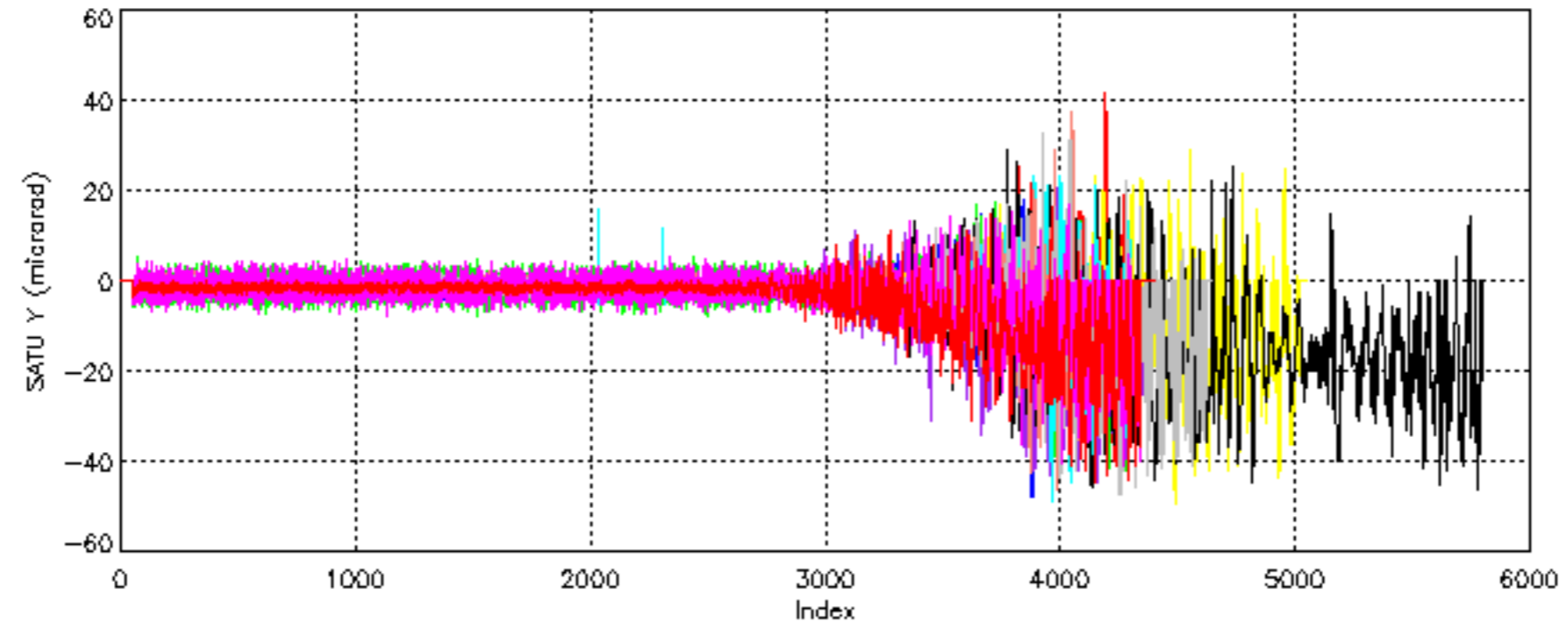


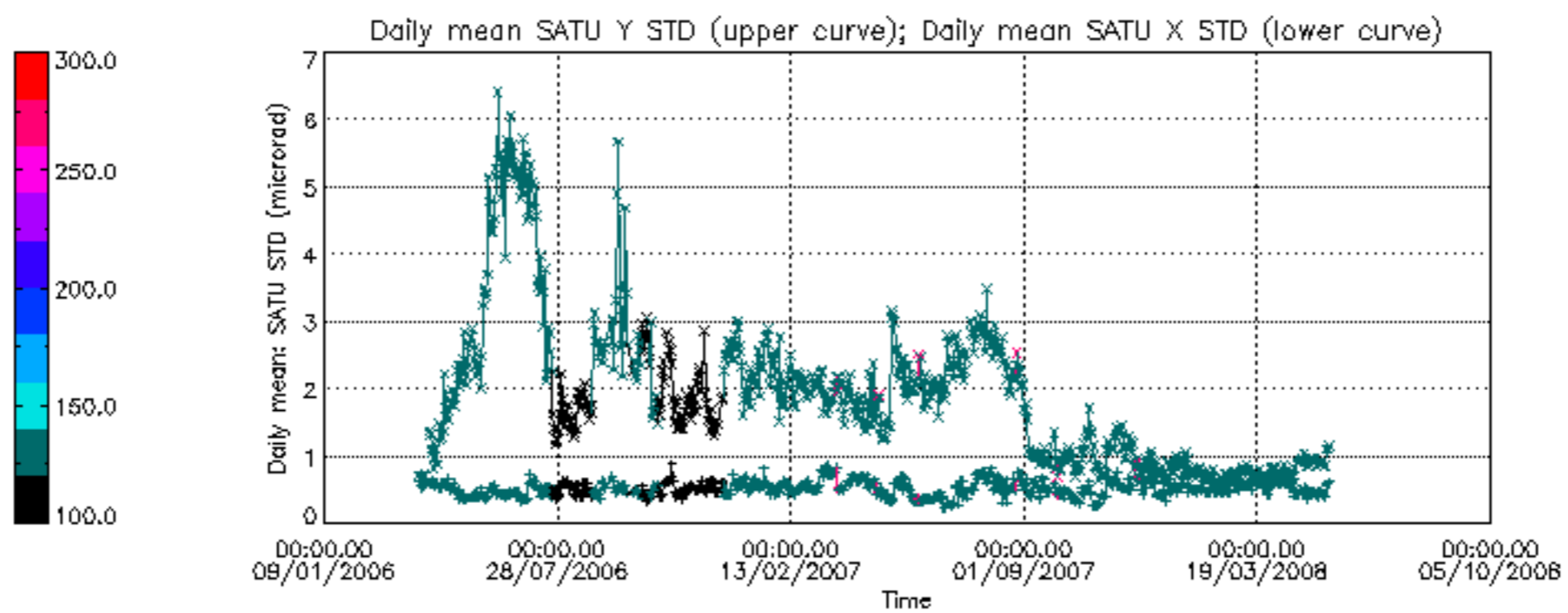


Tangent altitude at which the star is lost











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16; 2109.5; 08-MAY-2008 23:40:45; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32363
17; 2221.6; 08-MAY-2008 23:42:37; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32363
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 21; 6651.2; 08-MAY-2008 09:51:04; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;32354  
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 23; 6895.6; 08-MAY-2008 09:55:08; Dark ; 39.0; 4; Alp1Cen ; -0.01; 5800;occ; 78; 0;32354  
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 5; 2566.9; 09-MAY-2008 14:53:46; Bright; 33.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 67; 0;32372  
 6; 2750.2; 09-MAY-2008 14:56:49; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;32372  
 7; 2840.6; 09-MAY-2008 14:58:20; Bright; 34.5; 55; 79Zet UMa ; 2.06; 10200;occ; 69; 0;32372  
 8; 3031.3; 09-MAY-2008 15:01:30; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;32372  
 9; 3195.8; 09-MAY-2008 15:04:15; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32372  
 10; 3445.9; 09-MAY-2008 15:08:25; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32372  
 11; 3935.0; 09-MAY-2008 15:16:34; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32372  
 12; 4009.7; 09-MAY-2008 15:17:49; Bright; 34.5; 68; 18Alp Cas ; 2.22; 4500;occ; 69; 0;32372  
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 21; 6303.1; 09-MAY-2008 15:56:02; Dark ; 39.5; 45; Alp Pav ; 1.94; 26000;occ; 79; 0;32372  
 22; 6657.2; 09-MAY-2008 16:01:56; Dark ; 40.5; 43; Alp TrA ; 1.91; 4250;occ; 81; 0;32372  
 23; 6788.9; 09-MAY-2008 16:04:08; Dark ; 38.0; 134; Bet TrA ; 2.81; 6600;occ; 76; 0;32372  
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 26; 7201.9; 09-MAY-2008 16:11:01; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;32372  
 27; 7320.4; 09-MAY-2008 16:13:00; Dark ; 3.0; 54; 5The Cen ; 2.06; 4500;occ; 6; 0;32372

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

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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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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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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
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25; 6657.9; 09-MAY-2008 21:03:45; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32375
26; 6789.7; 09-MAY-2008 21:05:57; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32375
27; 6900.1; 09-MAY-2008 21:07:47; Dark ; 43.5; 4; Alp1Cen ; -0.01; 5800;occ; 87; 0;32375
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6; 62.5; 10-MAY-2008 00:15:37; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32378
7; 270.5; 10-MAY-2008 00:19:05; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32378
8; 622.6; 10-MAY-2008 00:24:57; Dark ; 46.5; 43; Alp TrA ; 1.91; 4250;occ; 93; 0;32378
9; 754.3; 10-MAY-2008 00:27:09; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32378
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12; 1166.8; 10-MAY-2008 00:34:02; Dark ; 40.0; 81; Eta Cen ; 2.36; 28000;occ; 80; 0;32378
13; 1285.3; 10-MAY-2008 00:36:00; Dark ; 44.5; 54; 5The Cen ; 2.06; 4500;occ; 89; 0;32378

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16; 2112.1; 10-MAY-2008 00:49:47; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32378
17; 2221.2; 10-MAY-2008 00:51:36; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32378
18; 2567.5; 10-MAY-2008 00:57:22; Bright; 33.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 67; 0;32378
19; 2749.4; 10-MAY-2008 01:00:24; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32378
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22; 3194.6; 10-MAY-2008 01:07:49; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32378
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4; 755.1; 10-MAY-2008 03:48:22; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32380
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13; 877.0; 14-MAY-2008 08:26:20; Dark ; 42.5; 4; Alp1Cen ;-0.01; 5800;occ; 85; 0;32440  
14; 1090.8; 14-MAY-2008 08:29:54; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;32440  
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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2; 1741.9; 14-MAY-2008 08:40:45; Bright; 36.5; 15; 67Alp Vir ; 0.98; 28000;occ; 73; 0;32440  
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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1; 1614.0; 14-MAY-2008 11:59:48; Bright; 38.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 77; 0;32442  
 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  
 8; 3055.3; 14-MAY-2008 14:04:26; Bright; 33.0; 36; 50Alp UMa ; 1.80; 6300;occ; 66; 0;32443  
 9; 3185.6; 14-MAY-2008 14:06:36; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32443  
 10; 3446.2; 14-MAY-2008 14:10:57; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32443  
 11; 3937.8; 14-MAY-2008 14:19:08; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32443  
 12; 4011.6; 14-MAY-2008 14:20:22; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;32443  
 13; 4760.0; 14-MAY-2008 14:32:50; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32443  
 14; 5283.5; 14-MAY-2008 14:41:34; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32443



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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1; 1317.2; 14-MAY-2008 15:16:03; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 38;32444  
 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  
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 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  
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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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 7; 779.6; 16-MAY-2008 00:39:05; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32464  
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 18; 2842.0; 16-MAY-2008 01:13:27; Bright; 36.0; 55; 79Zet UMa ; 2.06; 10200;occ; 72; 0;32464  
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 5; 102.5; 16-MAY-2008 02:08:23; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32465

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7; 649.4; 16-MAY-2008 02:17:30; Dark ; 38.0; 43; Alp TrA ; 1.91; 4250;occ; 76; 0;32465
8; 780.0; 16-MAY-2008 02:19:41; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32465
9; 881.2; 16-MAY-2008 02:21:22; Dark ; 47.5; 4; Alp1Cen ; -0.01; 5800;occ; 95; 0;32465
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 5; 108.4; 16-MAY-2008 22:15:41; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32477  
 6; 339.7; 16-MAY-2008 22:19:32; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32477  
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 9; 883.3; 16-MAY-2008 22:28:35; Dark ; 50.0; 4; Alp1Cen ; -0.01; 5800;occ; 100; 0;32477  
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 13; 1618.6; 16-MAY-2008 22:40:51; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32477  
 14; 1748.9; 16-MAY-2008 22:43:01; Bright; 37.0; 15; 67Alp Vir ; 0.98; 28000;occ; 74; 0;32477  
 15; 2224.0; 16-MAY-2008 22:50:56; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32477  
 16; 2568.2; 16-MAY-2008 22:56:40; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32477  
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 18; 2842.9; 16-MAY-2008 23:01:15; Bright; 33.0; 55; 79Zet UMa ; 2.06; 10200;occ; 66; 0;32477  
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 22; 4011.5; 16-MAY-2008 23:20:44; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32477  
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 15; 2224.0; 17-MAY-2008 00:31:32; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32478  
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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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 6; -89.2; 16-MAY-2008 07:07:00; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;32467  
 7; 104.1; 16-MAY-2008 07:10:13; Dark ; 46.0; 148; Alp Tuc ; 2.88; 4100;occ; 92; 0;32468  
 8; 333.5; 16-MAY-2008 07:14:02; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32468  
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14; 1302.4; 16-MAY-2008 07:30:11; Dark ; 44.5; 54; 5The Cen ; 2.06; 4500;occ; 89; 0;32468
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 3; 2223.5; 16-MAY-2008 07:45:32; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32468
 4; 2569.7; 16-MAY-2008 07:51:18; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32468
 5; 2745.5; 16-MAY-2008 07:54:14; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32468
 6; 2842.5; 16-MAY-2008 07:55:51; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32468
 7; 3182.3; 16-MAY-2008 08:01:31; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32468
 8; 3446.2; 16-MAY-2008 08:05:55; Bright; 32.0; 49; 1Alp UMi ; 1.99; 6300;occ; 64; 0;32468
 9; 3938.1; 16-MAY-2008 08:14:07; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32468
10; 4011.7; 16-MAY-2008 08:15:20; Bright; 53.0; 68; 18Alp Cas ; 2.22; 4500;occ; 106; 0;32468
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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
16; 6370.1; 16-MAY-2008 08:54:39; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32468
17; 6686.7; 16-MAY-2008 08:59:56; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32468
18; 6817.2; 16-MAY-2008 09:02:06; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32468
19; 6918.0; 16-MAY-2008 09:03:47; Dark ; 50.0; 4; Alp1Cen ;-0.01; 5800;occ; 100; 0;32468
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21; 7223.4; 16-MAY-2008 09:08:52; Dark ; 40.0; 81; Eta Cen ; 2.36; 28000;occ; 80; 0;32468
22; 7338.5; 16-MAY-2008 09:10:47; Dark ; 41.0; 54; 5The Cen ; 2.06; 4500;occ; 82; 0;32468
23; 7653.6; 16-MAY-2008 09:16:02; Bright; 37.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 75; 0;32468
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16; 6370.8; 16-MAY-2008 10:35:15; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32469
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18; 6817.3; 16-MAY-2008 10:42:42; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32469
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 9; 3938.0; 16-MAY-2008 11:35:19; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32470
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11; 5291.8; 16-MAY-2008 11:57:52; Dark ; 41.5; 52; 16Bet Cet ; 2.04; 4500;occ; 83; 0;32470

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 19; 6818.0; 16-MAY-2008 14:03:54; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32471  
 20; 6918.5; 16-MAY-2008 14:05:35; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;32471  
 21; 7133.6; 16-MAY-2008 14:09:10; Dark ; 36.0; 78; Alp Lup ; 2.30; 28000;occ; 72; 0;32471  
 22; 7224.0; 16-MAY-2008 14:10:40; Dark ; 37.0; 81; Eta Cen ; 2.36; 28000;occ; 74; 0;32471  
 23; 7339.0; 16-MAY-2008 14:12:35; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32471

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

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

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9; 3181.7; 16-MAY-2008 16:24:30; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32473
10; 3446.3; 16-MAY-2008 16:28:55; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32473
11; 3938.4; 16-MAY-2008 16:37:07; Bright; 33.0; 76; 27Gam Cas ; 2.30; 30000;occ; 66; 0;32473
12; 4011.7; 16-MAY-2008 16:38:20; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32473
13; 5293.0; 16-MAY-2008 16:59:41; Dark ; 43.0; 52; 16Bet Cet ; 2.04; 4500;occ; 86; 0;32473
14; 5579.7; 16-MAY-2008 17:04:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32473
15; 5701.3; 16-MAY-2008 17:06:30; Dark ; 38.0; 84; Alp Phe ; 2.40; 4500;occ; 76; 0;32473
16; 5950.7; 16-MAY-2008 17:10:39; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32473
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18; 6373.7; 16-MAY-2008 17:17:42; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32473
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3; 769.2; 17-MAY-2008 03:28:29; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32480
4; 949.6; 17-MAY-2008 03:31:29; Dark ; 49.5; 178; Iot1Sco ; 3.02; 6550;occ; 99; 0;32480
5; 1040.4; 17-MAY-2008 03:33:00; Dark ; 49.0; 115; 34Ups Sco ; 2.70; 26000;occ; 98; 0;32480
6; 1174.3; 17-MAY-2008 03:35:14; Dark ; 53.0; 75; 26Eps Sco ; 2.29; 4250;occ; 106; 0;32480
7; 1357.1; 17-MAY-2008 03:38:17; Dark ; 55.5; 16; 21Alp Sco ; 1.02; 3000;occ; 111; 0;32480
8; 1511.0; 17-MAY-2008 03:40:51; Bright; 56.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 113; 0;32480
9; 1619.0; 17-MAY-2008 03:42:39; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32480
10; 1728.8; 17-MAY-2008 03:44:29; Bright; 39.5; 104; 27Bet Lib ; 2.61; 13100;occ; 79; 0;32480
11; 2042.1; 17-MAY-2008 03:49:42; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32480
12; 2234.5; 17-MAY-2008 03:52:54; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;32480
13; 2379.5; 17-MAY-2008 03:55:19; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;32480
14; 2568.1; 17-MAY-2008 03:58:28; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32480
15; 2745.6; 17-MAY-2008 04:01:25; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32480
16; 3082.7; 17-MAY-2008 04:07:03; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32480
17; 3181.0; 17-MAY-2008 04:08:41; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32480
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3;-1517.6; 17-MAY-2008 04:30:58; Dark ; 42.0; 58; 21Alp And ; 2.07; 11000;occ; 84; 0;32480
4;-1265.4; 17-MAY-2008 04:35:10; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32480
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7; -80.7; 17-MAY-2008 04:54:55; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32480
8; 10.5; 17-MAY-2008 04:56:26; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32481
9; 110.4; 17-MAY-2008 04:58:06; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32481
10; 342.6; 17-MAY-2008 05:01:58; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32481
11; 769.7; 17-MAY-2008 05:09:06; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32481
12; 950.2; 17-MAY-2008 05:12:06; Dark ; 49.5; 178; Iot1Sco ; 3.02; 6550;occ; 99; 0;32481
13; 1040.9; 17-MAY-2008 05:13:37; Dark ; 49.5; 115; 34Ups Sco ; 2.70; 26000;occ; 99; 0;32481
14; 1174.7; 17-MAY-2008 05:15:50; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32481
15; 1357.4; 17-MAY-2008 05:18:53; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32481
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20; 2234.5; 17-MAY-2008 05:33:30; Bright; 34.5; 3; 16Alp Boo ;-0.05; 4250;occ; 69; 0;32481
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22; 2567.8; 17-MAY-2008 05:39:04; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32481
23; 2745.7; 17-MAY-2008 05:42:01; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32481
24; 3082.2; 17-MAY-2008 05:47:38; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32481
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5; 1512.5; 17-MAY-2008 20:26:52; Bright; 43.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 86; 0;32490  
6; 1620.2; 17-MAY-2008 20:28:40; Bright; 37.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 75; 0;32490  
7; 1729.2; 17-MAY-2008 20:30:29; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;32490  
8; 2039.5; 17-MAY-2008 20:35:39; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32490  
9; 2234.4; 17-MAY-2008 20:38:54; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;32490  
10; 2377.9; 17-MAY-2008 20:41:17; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;32490  
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6; 115.3; 17-MAY-2008 21:44:11; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32491  
7; 349.7; 17-MAY-2008 21:48:05; Dark ; 40.0; 45; Alp Pav ; 1.94; 26000;occ; 80; 0;32491  
8; 774.6; 17-MAY-2008 21:55:10; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32491  
9; 932.4; 17-MAY-2008 21:57:48; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32491  
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11; 1179.0; 17-MAY-2008 22:01:54; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;32491  
12; 1360.4; 17-MAY-2008 22:04:56; Dark ; 62.0; 16; 21Alp Sco ; 1.02; 3000;occ; 124; 0;32491  
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16; 2039.2; 17-MAY-2008 22:16:14; Bright; 42.0; 102; 24Alp Ser ; 2.60; 4250;occ; 84; 0;32491  
17; 2234.5; 17-MAY-2008 22:19:30; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32491  
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19; 2566.5; 17-MAY-2008 22:25:02; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32491  
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21; 3077.7; 17-MAY-2008 22:33:33; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32491  
22; 3179.6; 17-MAY-2008 22:35:15; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32491  
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27; 4774.0; 17-MAY-2008 23:01:49; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32491  
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 17; 5959.3; 17-MAY-2008 14:58:35; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;32486  
 18; 6051.1; 17-MAY-2008 15:00:06; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32486  
 19; 6149.2; 17-MAY-2008 15:01:45; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32486  
 20; 6382.8; 17-MAY-2008 15:05:38; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32486  
 21; 6808.5; 17-MAY-2008 15:12:44; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32486  
 22; 6965.9; 17-MAY-2008 15:15:21; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;32486  
 23; 7077.7; 17-MAY-2008 15:17:13; Dark ; 35.0; 25; 35Lam Sco ; 1.62; 28000;occ; 70; 0;32486  
 24; 7213.3; 17-MAY-2008 15:19:29; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32486  
 25; 7395.2; 17-MAY-2008 15:22:31; Dark ; 18.0; 16; 21Alp Sco ; 1.02; 3000;occ; 36; 0;32486

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 3; 1620.0; 17-MAY-2008 15:26:51; Bright; 37.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 75; 0;32487  
 4; 1729.1; 17-MAY-2008 15:28:40; Bright; 39.0; 104; 27Bet Lib ; 2.61; 13100;occ; 78; 0;32487  
 5; 2040.2; 17-MAY-2008 15:33:52; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32487  
 6; 2234.5; 17-MAY-2008 15:37:06; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;32487  
 7; 2378.4; 17-MAY-2008 15:39:30; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32487  
 8; 2567.1; 17-MAY-2008 15:42:38; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32487  
 9; 2745.6; 17-MAY-2008 15:45:37; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32487  
 10; 3079.6; 17-MAY-2008 15:51:11; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32487  
 11; 3180.2; 17-MAY-2008 15:52:51; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32487  
 12; 3446.4; 17-MAY-2008 15:57:18; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32487  
 13; 3938.4; 17-MAY-2008 16:05:30; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;32487  
 14; 4011.8; 17-MAY-2008 16:06:43; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32487  
 15; 4519.6; 17-MAY-2008 16:15:11; Dark ; 44.5; 58; 21Alp And ; 2.07; 11000;occ; 89; 0;32487  
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 17; 5297.7; 17-MAY-2008 16:28:09; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32487  
 18; 5704.0; 17-MAY-2008 16:34:55; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;32487  
 19; 5811.5; 17-MAY-2008 16:36:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32487  
 20; 5960.0; 17-MAY-2008 16:39:11; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;32487  
 21; 6052.1; 17-MAY-2008 16:40:43; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32487  
 22; 6149.9; 17-MAY-2008 16:42:21; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32487  
 23; 6383.6; 17-MAY-2008 16:46:15; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32487  
 24; 6809.2; 17-MAY-2008 16:53:21; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32487  
 25; 6966.6; 17-MAY-2008 16:55:58; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;32487  
 26; 7078.4; 17-MAY-2008 16:57:50; Dark ; 38.0; 25; 35Lam Sco ; 1.62; 28000;occ; 76; 0;32487  
 27; 7213.8; 17-MAY-2008 17:00:05; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;32487

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 4; 1620.1; 17-MAY-2008 17:07:27; Bright; 38.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 76; 0;32488  
 5; 1729.1; 17-MAY-2008 17:09:16; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32488  
 6; 2040.0; 17-MAY-2008 17:14:27; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32488  
 7; 2234.5; 17-MAY-2008 17:17:42; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;32488  
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 9; 2566.9; 17-MAY-2008 17:23:14; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32488  
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 11; 3079.1; 17-MAY-2008 17:31:46; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;32488  
 12; 3180.0; 17-MAY-2008 17:33:27; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32488  
 13; 3446.5; 17-MAY-2008 17:37:54; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32488

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

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

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 3; -222.1; 18-MAY-2008 00:59:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32492  
 4; -72.6; 18-MAY-2008 01:02:14; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;32492  
 5; 20.0; 18-MAY-2008 01:03:47; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32493  
 6; 116.3; 18-MAY-2008 01:05:23; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32493  
 7; 351.0; 18-MAY-2008 01:09:18; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32493  
 8; 775.5; 18-MAY-2008 01:16:22; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32493  
 9; 933.6; 18-MAY-2008 01:19:01; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32493  
 10; 1045.4; 18-MAY-2008 01:20:52; Dark ; 45.0; 25; 35Lam Sco ; 1.62; 28000;occ; 90; 0;32493  
 11; 1179.9; 18-MAY-2008 01:23:07; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32493  
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 13; 1513.0; 18-MAY-2008 01:28:40; Bright; 44.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 89; 0;32493  
 14; 1620.6; 18-MAY-2008 01:30:28; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32493  
 15; 1729.5; 18-MAY-2008 01:32:16; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;32493  
 16; 2038.7; 18-MAY-2008 01:37:26; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32493  
 17; 2234.4; 18-MAY-2008 01:40:41; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32493  
 18; 2377.4; 18-MAY-2008 01:43:04; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32493  
 19; 2566.3; 18-MAY-2008 01:46:13; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32493  
 20; 2745.6; 18-MAY-2008 01:49:13; Bright; 33.5; 39; 85Eta UMa ; 1.85; 24000;occ; 67; 0;32493  
 21; 3076.8; 18-MAY-2008 01:54:44; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32493  
 22; 3179.4; 18-MAY-2008 01:56:26; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32493  
 23; 3446.3; 18-MAY-2008 02:00:53; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32493

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6; -326.9; 18-MAY-2008 02:38:36; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;32493
7; -221.7; 18-MAY-2008 02:40:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32493
8; -71.9; 18-MAY-2008 02:42:51; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;32493
9; 20.7; 18-MAY-2008 02:44:24; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32494
10; 116.8; 18-MAY-2008 02:46:00; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32494
11; 351.9; 18-MAY-2008 02:49:55; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32494
12; 776.1; 18-MAY-2008 02:56:59; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32494
13; 934.3; 18-MAY-2008 02:59:37; Dark ; 51.0; 40; The Sco ; 1.86; 7100;occ; 102; 0;32494
14; 1046.0; 18-MAY-2008 03:01:29; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32494
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21; 2234.5; 18-MAY-2008 03:21:17; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;32494
22; 2377.5; 18-MAY-2008 03:23:40; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32494
23; 2566.3; 18-MAY-2008 03:26:49; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32494
24; 2745.7; 18-MAY-2008 03:29:49; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;32494
25; 3076.4; 18-MAY-2008 03:35:19; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32494
26; 3179.3; 18-MAY-2008 03:37:02; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32494
27; 3446.4; 18-MAY-2008 03:41:29; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32494
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9; 2746.5; 19-MAY-2008 16:23:00; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32516  
10; 3066.7; 19-MAY-2008 16:28:20; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32516  
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12; 3446.6; 19-MAY-2008 16:34:40; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32516  
13; 3938.3; 19-MAY-2008 16:42:52; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32516  
14; 4011.1; 19-MAY-2008 16:44:04; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32516  
15; 4524.4; 19-MAY-2008 16:52:38; Dark ; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;32516  
16; 5308.2; 19-MAY-2008 17:05:41; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32516  
17; 5729.5; 19-MAY-2008 17:12:43; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;32516  
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21; 6404.0; 19-MAY-2008 17:23:57; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32516  
22; 6823.1; 19-MAY-2008 17:30:56; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32516  
23; 6984.2; 19-MAY-2008 17:33:38; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32516  
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11; 2563.6; 19-MAY-2008 18:00:33; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32517  
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13; 3066.4; 19-MAY-2008 18:08:56; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32517  
14; 3177.0; 19-MAY-2008 18:10:46; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32517  
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17; 4011.0; 19-MAY-2008 18:24:40; Bright; 54.0; 68; 18Alp Cas ; 2.22; 4500;occ; 108; 0;32517  
18; 4524.5; 19-MAY-2008 18:33:14; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 0;32517  
19; 4782.6; 19-MAY-2008 18:37:32; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32517  
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23; 5980.5; 19-MAY-2008 18:57:30; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;32517  
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25; 6404.7; 19-MAY-2008 19:04:34; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32517  
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12; 2746.5; 19-MAY-2008 19:44:12; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;32518  
13; 3065.8; 19-MAY-2008 19:49:31; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32518  
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15; 3446.6; 19-MAY-2008 19:55:52; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32518  
16; 3938.1; 19-MAY-2008 20:04:03; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;32518  
17; 4011.0; 19-MAY-2008 20:05:16; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32518

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 19; 4782.9; 19-MAY-2008 20:18:08; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32518  
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 22; 5826.5; 19-MAY-2008 20:35:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32518  
 23; 5981.1; 19-MAY-2008 20:38:06; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;32518  
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 26; 6823.9; 19-MAY-2008 20:52:09; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32518  
 27; 6985.1; 19-MAY-2008 20:54:50; Dark ; 17.5; 40; The Sco ; 1.86; 7100;occ; 35; 0;32518

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 3; -208.0; 20-MAY-2008 01:37:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32521  
 4; -52.7; 20-MAY-2008 01:39:56; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;32521  
 5; 43.1; 20-MAY-2008 01:41:32; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32522  
 6; 371.4; 20-MAY-2008 01:47:00; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32522  
 7; 789.3; 20-MAY-2008 01:53:58; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;32522  
 8; 950.9; 20-MAY-2008 01:56:40; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32522  
 9; 1062.4; 20-MAY-2008 01:58:31; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;32522  
 10; 1192.1; 20-MAY-2008 02:00:41; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32522  
 11; 1369.1; 20-MAY-2008 02:03:38; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32522  
 12; 1517.9; 20-MAY-2008 02:06:07; Bright; 43.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 86; 0;32522  
 13; 1624.6; 20-MAY-2008 02:07:54; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32522  
 14; 1731.1; 20-MAY-2008 02:09:40; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;32522  
 15; 2032.7; 20-MAY-2008 02:14:42; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32522  
 16; 2235.3; 20-MAY-2008 02:18:04; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;32522  
 17; 2373.9; 20-MAY-2008 02:20:23; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;32522  
 18; 2563.1; 20-MAY-2008 02:23:32; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32522  
 19; 2746.6; 20-MAY-2008 02:26:36; Bright; 49.5; 39; 85Eta UMa ; 1.85; 24000;occ; 99; 0;32522  
 20; 3064.1; 20-MAY-2008 02:31:53; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32522  
 21; 3176.4; 20-MAY-2008 02:33:45; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;32522  
 22; 3446.5; 20-MAY-2008 02:38:15; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32522  
 23; 3938.1; 20-MAY-2008 02:46:27; Bright; 23.0; 76; 27Gam Cas ; 2.30; 30000;occ; 46; 0;32522

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 8; -52.0; 20-MAY-2008 03:20:33; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;32522  
 9; 44.0; 20-MAY-2008 03:22:09; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32523  
 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  
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 16; 1517.9; 20-MAY-2008 03:46:43; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32523  
 17; 1625.0; 20-MAY-2008 03:48:30; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32523  
 18; 1731.3; 20-MAY-2008 03:50:16; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32523  
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 20; 2235.5; 20-MAY-2008 03:58:40; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;32523  
 21; 2373.9; 20-MAY-2008 04:00:59; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32523  
 22; 2563.1; 20-MAY-2008 04:04:08; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32523  
 23; 2746.8; 20-MAY-2008 04:07:12; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32523  
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9; 44.8; 20-MAY-2008 05:02:46; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 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
25; 3176.4; 20-MAY-2008 05:54:57; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32524
26; 3446.7; 20-MAY-2008 05:59:28; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32524
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6; 2373.3; 20-MAY-2008 14:04:34; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;32529
7; 2562.5; 20-MAY-2008 14:07:43; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32529
8; 2747.2; 20-MAY-2008 14:10:48; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32529
9; 3061.4; 20-MAY-2008 14:16:02; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32529
10; 3175.9; 20-MAY-2008 14:17:56; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32529
11; 3446.7; 20-MAY-2008 14:22:27; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32529
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13; 4010.9; 20-MAY-2008 14:31:51; Bright; 42.0; 68; 18Alp Cas ; 2.22; 4500;occ; 84; 0;32529

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 16; 5313.2; 20-MAY-2008 14:53:34; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32529  
 17; 5741.5; 20-MAY-2008 15:00:42; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;32529  
 18; 5832.0; 20-MAY-2008 15:02:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32529  
 19; 5988.8; 20-MAY-2008 15:04:49; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;32529  
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 21; 6413.2; 20-MAY-2008 15:11:54; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32529  
 22; 6829.3; 20-MAY-2008 15:18:50; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;32529  
 23; 6991.7; 20-MAY-2008 15:21:32; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32529  
 24; 7103.1; 20-MAY-2008 15:23:23; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;32529  
 25; 7231.3; 20-MAY-2008 15:25:32; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32529  
 26; 7407.4; 20-MAY-2008 15:28:28; Dark ; 18.0; 16; 21Alp Sco ; 1.02; 3000;occ; 36; 0;32529

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 6; 2235.7; 20-MAY-2008 15:42:52; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;32530  
 7; 2373.2; 20-MAY-2008 15:45:10; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32530  
 8; 2562.6; 20-MAY-2008 15:48:19; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32530  
 9; 2747.3; 20-MAY-2008 15:51:24; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;32530  
 10; 3061.0; 20-MAY-2008 15:56:37; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;32530  
 11; 3175.8; 20-MAY-2008 15:58:32; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32530  
 12; 3446.8; 20-MAY-2008 16:03:03; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32530  
 13; 3938.1; 20-MAY-2008 16:11:14; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;32530  
 14; 4010.8; 20-MAY-2008 16:12:27; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32530  
 15; 4526.9; 20-MAY-2008 16:21:03; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32530  
 16; 4787.0; 20-MAY-2008 16:25:23; Dark ; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;32530  
 17; 5313.7; 20-MAY-2008 16:34:10; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32530  
 18; 5742.4; 20-MAY-2008 16:41:19; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;32530  
 19; 5832.6; 20-MAY-2008 16:42:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32530  
 20; 5989.7; 20-MAY-2008 16:45:26; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32530  
 21; 6086.6; 20-MAY-2008 16:47:03; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32530  
 22; 6414.0; 20-MAY-2008 16:52:30; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32530  
 23; 6829.7; 20-MAY-2008 16:59:26; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32530  
 24; 6992.4; 20-MAY-2008 17:02:09; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32530  
 25; 7103.7; 20-MAY-2008 17:04:00; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;32530  
 26; 7231.7; 20-MAY-2008 17:06:08; Dark ; 33.5; 75; 26Eps Sco ; 2.29; 4250;occ; 67; 0;32530

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 4; 1625.9; 20-MAY-2008 17:13:18; Bright; 37.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 75; 0;32531  
 5; 1731.9; 20-MAY-2008 17:15:04; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32531  
 6; 2031.0; 20-MAY-2008 17:20:03; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;32531  
 7; 2235.8; 20-MAY-2008 17:23:28; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32531  
 8; 2373.2; 20-MAY-2008 17:25:46; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;32531  
 9; 2562.5; 20-MAY-2008 17:28:55; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32531  
 10; 2747.3; 20-MAY-2008 17:32:00; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32531  
 11; 3060.5; 20-MAY-2008 17:37:13; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32531  
 12; 3175.7; 20-MAY-2008 17:39:08; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32531  
 13; 3446.8; 20-MAY-2008 17:43:39; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32531  
 14; 3938.1; 20-MAY-2008 17:51:50; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;32531  
 15; 4010.8; 20-MAY-2008 17:53:03; Bright; 37.5; 68; 18Alp Cas ; 2.22; 4500;occ; 75; 0;32531  
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 17; 4787.6; 20-MAY-2008 18:06:00; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32531  
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 19; 5743.3; 20-MAY-2008 18:21:56; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;32531  
 20; 5833.1; 20-MAY-2008 18:23:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32531  
 21; 5990.4; 20-MAY-2008 18:26:03; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32531  
 22; 6087.4; 20-MAY-2008 18:27:40; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32531  
 23; 6414.7; 20-MAY-2008 18:33:07; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32531  
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 25; 6992.9; 20-MAY-2008 18:42:45; Dark ; 46.0; 40; The Sco ; 1.86; 7100;occ; 92; 0;32531

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3; 1196.1; 20-MAY-2008 18:46:44; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32532  
4; 1519.6; 20-MAY-2008 18:52:08; Bright; 42.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 85; 0;32532  
5; 1626.2; 20-MAY-2008 18:53:54; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32532  
6; 1731.9; 20-MAY-2008 18:55:40; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32532  
7; 2030.8; 20-MAY-2008 19:00:39; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32532  
8; 2235.8; 20-MAY-2008 19:04:04; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;32532  
9; 2373.0; 20-MAY-2008 19:06:21; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32532  
10; 2562.5; 20-MAY-2008 19:09:31; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;32532  
11; 2747.3; 20-MAY-2008 19:12:36; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32532  
12; 3060.1; 20-MAY-2008 19:17:48; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32532  
13; 3175.6; 20-MAY-2008 19:19:44; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32532  
14; 3446.7; 20-MAY-2008 19:24:15; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32532  
15; 3938.0; 20-MAY-2008 19:32:26; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32532  
16; 4010.5; 20-MAY-2008 19:33:39; Bright; 54.0; 68; 18Alp Cas ; 2.22; 4500;occ; 108; 0;32532  
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18; 4787.8; 20-MAY-2008 19:46:36; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32532  
19; 5314.4; 20-MAY-2008 19:55:23; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32532  
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22; 5991.0; 20-MAY-2008 20:06:39; Dark ; 58.5; 63; Bet Gru ; 2.15; 2800;occ; 117; 0;32532  
23; 6088.2; 20-MAY-2008 20:08:17; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32532  
24; 6415.4; 20-MAY-2008 20:13:44; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32532  
25; 6830.6; 20-MAY-2008 20:20:39; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32532

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3; -200.8; 21-MAY-2008 01:05:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32535  
4; -42.9; 21-MAY-2008 01:08:29; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;32535  
5; 54.6; 21-MAY-2008 01:10:07; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32536  
6; 381.4; 21-MAY-2008 01:15:33; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32536  
7; 796.0; 21-MAY-2008 01:22:28; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32536  
8; 959.1; 21-MAY-2008 01:25:11; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32536  
9; 1070.4; 21-MAY-2008 01:27:02; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32536  
10; 1197.7; 21-MAY-2008 01:29:10; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;32536  
11; 1397.2; 21-MAY-2008 01:32:29; Dark ; 59.5; 156; 20Sig Sco ; 2.90; 28000;occ; 119; 0;32536  
12; 1520.3; 21-MAY-2008 01:34:32; Bright; 42.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 85; 0;32536  
13; 1626.6; 21-MAY-2008 01:36:19; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32536  
14; 1732.2; 21-MAY-2008 01:38:04; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32536  
15; 2030.0; 21-MAY-2008 01:43:02; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32536  
16; 2236.0; 21-MAY-2008 01:46:28; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;32536  
17; 2372.5; 21-MAY-2008 01:48:44; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;32536  
18; 2561.9; 21-MAY-2008 01:51:54; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32536  
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21; 3175.0; 21-MAY-2008 02:02:07; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32536  
22; 3446.7; 21-MAY-2008 02:06:39; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32536  
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3; -1508.0; 21-MAY-2008 04:05:16; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32537  
4; -1246.6; 21-MAY-2008 04:09:37; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32537  
5; -719.6; 21-MAY-2008 04:18:24; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32537  
6; -287.1; 21-MAY-2008 04:25:37; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;32537  
7; -199.8; 21-MAY-2008 04:27:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32537  
8; -41.4; 21-MAY-2008 04:29:42; Dark ; 42.5; 63; Bet Gru ; 2.15; 2800;occ; 85; 0;32537  
9; 56.2; 21-MAY-2008 04:31:20; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32538  
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11; 797.0; 21-MAY-2008 04:43:41; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32538  
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14; 1198.6; 21-MAY-2008 04:50:22; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32538  
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19; 2029.7; 21-MAY-2008 05:04:14; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32538

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22; 2561.9; 21-MAY-2008 05:13:06; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32538
23; 3057.7; 21-MAY-2008 05:21:21; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32538
24; 3175.1; 21-MAY-2008 05:23:19; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32538
25; 3446.7; 21-MAY-2008 05:27:50; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32538
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3; -1507.6; 21-MAY-2008 07:26:28; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32539
4; -1245.9; 21-MAY-2008 07:30:50; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32539
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7; 3174.6; 21-MAY-2008 10:25:06; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;32541
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23; 3173.7; 22-MAY-2008 04:51:40; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32552
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25; 3173.6; 22-MAY-2008 06:32:16; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32553
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 9; 147.6; 22-MAY-2008 07:22:26; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32554
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14; 1204.9; 22-MAY-2008 07:40:04; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;32554
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16; 1523.1; 22-MAY-2008 07:45:22; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32554
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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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 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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 22; 7116.9; 22-MAY-2008 09:18:36; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32554  
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 9; 3446.7; 22-MAY-2008 09:58:01; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32555  
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 22; 7117.4; 22-MAY-2008 10:59:12; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32555  
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 16; 6008.4; 22-MAY-2008 12:21:19; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;32556  
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15; 1841.1; 22-MAY-2008 22:56:03; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32563
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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
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21; 3446.7; 22-MAY-2008 23:22:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32563
22; 3937.1; 22-MAY-2008 23:30:59; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32563
23; 4009.3; 22-MAY-2008 23:32:11; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32563
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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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4; 68.7; 23-MAY-2008 00:07:07; Dark ; 31.0; 172; Gam Gru ; 3.00; 13100;occ; 62; 0;32564
5; 152.6; 23-MAY-2008 00:08:31; Dark ; 41.5; 148; Alp Tuc ; 2.88; 4100;occ; 83; 0;32564
6; 401.1; 23-MAY-2008 00:12:39; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32564
7; 808.6; 23-MAY-2008 00:19:27; Dark ; 48.5; 141; Bet Ara ; 2.84; 4600;occ; 97; 0;32564
8; 974.7; 23-MAY-2008 00:22:13; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32564
9; 1085.5; 23-MAY-2008 00:24:03; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;32564
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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
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19; 3047.1; 23-MAY-2008 00:56:45; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32564
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21; 3446.7; 23-MAY-2008 01:03:25; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32564
22; 3937.1; 23-MAY-2008 01:11:35; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;32564

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 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
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19; 6185.6; 22-MAY-2008 14:04:52; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32557
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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
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 3; 1734.0; 22-MAY-2008 14:31:16; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32558
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 6; 2370.9; 22-MAY-2008 14:41:53; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32558
 7; 2560.8; 22-MAY-2008 14:45:03; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32558
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 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
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13; 4531.9; 22-MAY-2008 15:17:54; Dark ; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;32558
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
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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
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 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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 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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 5; 1524.0; 22-MAY-2008 17:48:58; Bright; 43.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 87; 0;32560  
 6; 1629.9; 22-MAY-2008 17:50:44; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32560  
 7; 1734.1; 22-MAY-2008 17:52:28; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32560  
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 25; 6843.4; 22-MAY-2008 19:17:38; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32560  
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 22; 6102.2; 22-MAY-2008 20:45:52; Dark ; 35.0; 172; Gam Gru ; 3.00; 13100;occ; 70; 0;32561  
 23; 6187.7; 22-MAY-2008 20:47:18; Dark ; 38.0; 148; Alp Tuc ; 2.88; 4100;occ; 76; 0;32561  
 24; 6435.7; 22-MAY-2008 20:51:26; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32561  
 25; 6843.8; 22-MAY-2008 20:58:14; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32561

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

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

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

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

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

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

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3; 1840.2; 23-MAY-2008 12:20:50; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32571
4; 2024.5; 23-MAY-2008 12:23:54; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32571
5; 2370.2; 23-MAY-2008 12:29:40; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32571
6; 2560.1; 23-MAY-2008 12:32:50; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32571
7; 3044.5; 23-MAY-2008 12:40:54; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32571
8; 3172.2; 23-MAY-2008 12:43:02; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32571
9; 3446.8; 23-MAY-2008 12:47:36; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32571
10; 3937.0; 23-MAY-2008 12:55:46; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32571
11; 4009.0; 23-MAY-2008 12:56:58; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32571
12; 4381.7; 23-MAY-2008 13:03:11; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;32571
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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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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
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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
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18; 5854.8; 23-MAY-2008 15:08:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32572
19; 6020.3; 23-MAY-2008 15:11:06; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32572
20; 6121.7; 23-MAY-2008 15:12:47; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32572
21; 6443.5; 23-MAY-2008 15:18:09; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32572
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23; 7015.7; 23-MAY-2008 15:27:41; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;32572
24; 7126.3; 23-MAY-2008 15:29:32; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32572
25; 7248.0; 23-MAY-2008 15:31:33; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32572
26; 7418.8; 23-MAY-2008 15:34:24; Dark ; 32.5; 16; 21Alp Sco ; 1.02; 3000;occ; 65; 0;32572
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2; 1526.0; 23-MAY-2008 15:36:47; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32573
3; 1632.0; 23-MAY-2008 15:38:33; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32573
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9; 3043.8; 23-MAY-2008 16:02:05; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32573
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13; 4009.1; 23-MAY-2008 16:18:10; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32573
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 2;-2099.4; 24-MAY-2008 07:22:21; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32582
 3;-2027.5; 24-MAY-2008 07:23:33; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32582
 4;-1653.1; 24-MAY-2008 07:29:48; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;32582
 5;-1500.0; 24-MAY-2008 07:32:21; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;32582
 6;-1230.1; 24-MAY-2008 07:36:51; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32582
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 8; -175.5; 24-MAY-2008 07:54:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32582
 9; -8.0; 24-MAY-2008 07:57:13; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32582
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11; 414.6; 24-MAY-2008 08:04:15; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32583
12; 817.1; 24-MAY-2008 08:10:58; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32583
13; 985.0; 24-MAY-2008 08:13:46; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32583
14; 1095.6; 24-MAY-2008 08:15:36; Dark ; 45.0; 25; 35Lam Sco ; 1.62; 28000;occ; 90; 0;32583
15; 1215.7; 24-MAY-2008 08:17:36; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32583
16; 1385.4; 24-MAY-2008 08:20:26; Dark ; 53.0; 16; 21Alp Sco ; 1.02; 3000;occ; 106; 0;32583
17; 1527.6; 24-MAY-2008 08:22:48; Bright; 39.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 79; 0;32583
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 3; 2022.9; 24-MAY-2008 08:31:04; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32583
 4; 2369.6; 24-MAY-2008 08:36:50; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32583
 5; 3040.0; 24-MAY-2008 08:48:01; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32583
 6; 3171.4; 24-MAY-2008 08:50:12; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32583
 7; 3688.4; 24-MAY-2008 08:58:49; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;32583
 8; 3936.5; 24-MAY-2008 09:02:57; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;32583
 9; 4008.3; 24-MAY-2008 09:04:09; Bright; 42.5; 68; 18Alp Cas ; 2.22; 4500;occ; 85; 0;32583
10; 4383.0; 24-MAY-2008 09:10:24; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;32583
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12; 4806.2; 24-MAY-2008 09:17:27; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32583
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17; 6451.2; 24-MAY-2008 09:44:52; Dark ; 40.0; 45; Alp Pav ; 1.94; 26000;occ; 80; 0;32583
18; 6853.4; 24-MAY-2008 09:51:34; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;32583
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23; 7563.8; 24-MAY-2008 10:03:25; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32583
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 5; 3171.2; 24-MAY-2008 10:30:48; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32584
 6; 3687.9; 24-MAY-2008 10:39:24; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;32584
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 5; 420.0; 24-MAY-2008 21:29:08; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32591
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 7; 989.1; 24-MAY-2008 21:38:37; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32591
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 9; 1218.5; 24-MAY-2008 21:42:27; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32591
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13; 1838.3; 24-MAY-2008 21:52:46; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32591
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 7; 989.7; 24-MAY-2008 23:19:14; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32592
 8; 1099.9; 24-MAY-2008 23:21:04; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32592
 9; 1218.8; 24-MAY-2008 23:23:03; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32592
10; 1387.5; 24-MAY-2008 23:25:52; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32592
11; 1529.0; 24-MAY-2008 23:28:13; Bright; 40.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 80; 0;32592
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22; 4537.5; 25-MAY-2008 00:18:22; Dark ; 53.0; 58; 21Alp And ; 2.07; 11000;occ; 106; 0;32592
23; 4809.6; 25-MAY-2008 00:22:54; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;32592
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3; 1736.4; 24-MAY-2008 15:08:41; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32587
4; 1838.9; 24-MAY-2008 15:10:23; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32587
5; 2022.4; 24-MAY-2008 15:13:27; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32587
6; 2369.5; 24-MAY-2008 15:19:14; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32587
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8; 3171.2; 24-MAY-2008 15:32:35; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32587
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12; 4383.6; 24-MAY-2008 15:52:48; Bright; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;32587
13; 4536.9; 24-MAY-2008 15:55:21; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32587
14; 4807.8; 24-MAY-2008 15:59:52; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32587
15; 5338.3; 24-MAY-2008 16:08:43; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32587
16; 5863.3; 24-MAY-2008 16:17:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32587
17; 6031.8; 24-MAY-2008 16:20:16; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32587
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19; 6454.1; 24-MAY-2008 16:27:18; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32587
20; 6855.4; 24-MAY-2008 16:34:00; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;32587
21; 7023.7; 24-MAY-2008 16:36:48; Dark ; 50.5; 40; The Sco ; 1.86; 7100;occ; 101; 0;32587
22; 7134.1; 24-MAY-2008 16:38:38; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32587
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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
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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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9; 3170.9; 24-MAY-2008 17:13:11; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32588  
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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  
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18; 6032.5; 24-MAY-2008 18:00:53; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;32588  
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20; 6454.8; 24-MAY-2008 18:07:55; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32588  
21; 6855.7; 24-MAY-2008 18:14:36; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32588  
22; 7024.2; 24-MAY-2008 18:17:24; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32588  
23; 7134.6; 24-MAY-2008 18:19:15; Dark ; 39.5; 25; 35Lam Sco ; 1.62; 28000;occ; 79; 0;32588

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3; 1386.9; 24-MAY-2008 18:24:03; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32589  
4; 1528.5; 24-MAY-2008 18:26:25; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32589  
5; 1736.4; 24-MAY-2008 18:29:53; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32589  
6; 1838.7; 24-MAY-2008 18:31:35; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32589  
7; 2022.0; 24-MAY-2008 18:34:38; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32589  
8; 2369.3; 24-MAY-2008 18:40:26; Bright; 39.5; 83; ; 2.38; 11000;occ; 79; 0;32589  
9; 3037.6; 24-MAY-2008 18:51:34; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32589  
10; 3170.8; 24-MAY-2008 18:53:47; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32589  
11; 3685.2; 24-MAY-2008 19:02:21; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32589  
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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  
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16; 4808.6; 24-MAY-2008 19:21:05; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32589  
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  
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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  
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20; 4007.7; 25-MAY-2008 01:50:08; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32593  
21; 4384.1; 25-MAY-2008 01:56:24; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32593  
22; 4537.8; 25-MAY-2008 01:58:58; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32593  
23; 4810.0; 25-MAY-2008 02:03:30; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32593

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5; 422.3; 25-MAY-2008 02:30:58; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32594
6; 821.8; 25-MAY-2008 02:37:37; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32594
7; 990.8; 25-MAY-2008 02:40:27; Dark ; 52.0; 40; The Sco ; 1.86; 7100;occ; 104; 0;32594
8; 1101.0; 25-MAY-2008 02:42:17; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;32594
9; 1219.6; 25-MAY-2008 02:44:15; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32594
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11; 1529.4; 25-MAY-2008 02:49:25; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32594
12; 1737.0; 25-MAY-2008 02:52:53; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32594
13; 1838.2; 25-MAY-2008 02:54:34; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32594
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5; -1225.5; 25-MAY-2008 03:44:06; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32594
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7; -168.8; 25-MAY-2008 04:01:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32594
8; 1.2; 25-MAY-2008 04:04:33; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32595
9; 104.9; 25-MAY-2008 04:06:17; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32595
10; 423.1; 25-MAY-2008 04:11:35; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32595
11; 822.3; 25-MAY-2008 04:18:14; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32595
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13; 1101.6; 25-MAY-2008 04:22:53; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32595
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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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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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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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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 6; 3170.5; 25-MAY-2008 08:18:34; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32597
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 9; 4007.5; 25-MAY-2008 10:13:07; Bright; 40.0; 68; 18Alp Cas ; 2.22; 4500;occ; 80; 0;32598
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 6; 3170.3; 25-MAY-2008 11:39:46; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;32599  
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 12; 4812.4; 25-MAY-2008 12:07:08; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32599  
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5; 441.3; 26-MAY-2008 23:47:27; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32621
6; 833.3; 26-MAY-2008 23:53:59; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32621
7; 1004.6; 26-MAY-2008 23:56:50; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32621
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9; 1229.1; 27-MAY-2008 00:00:35; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32621
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14; 1836.4; 27-MAY-2008 00:10:42; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32621
15; 2018.7; 27-MAY-2008 00:13:45; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32621
16; 2380.1; 27-MAY-2008 00:19:46; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;32621
17; 2566.9; 27-MAY-2008 00:22:53; Bright; 43.5; 133; 40Zet Her ; 2.81; 6000;occ; 87; 0;32621
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19; 3169.0; 27-MAY-2008 00:32:55; Bright; 32.5; 60; 7Bet UMi ; 2.08; 3950;occ; 65; 0;32621
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2; -2100.8; 26-MAY-2008 06:19:06; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;32610
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4; -1494.9; 26-MAY-2008 06:29:12; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;32610
5; -1218.9; 26-MAY-2008 06:33:48; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;32610

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8; 13.7; 26-MAY-2008 06:54:20; Dark ; 58.5; 63; Bet Gru ; 2.15; 2800;occ; 117; 0;32611  
9; 118.9; 26-MAY-2008 06:56:06; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32611  
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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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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  
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9; 3935.1; 26-MAY-2008 07:59:42; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32611  
10; 4386.2; 26-MAY-2008 08:07:13; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;32611  
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12; 4817.4; 26-MAY-2008 08:14:24; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 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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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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9; 3935.0; 26-MAY-2008 09:40:18; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 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  
13; 5350.2; 26-MAY-2008 10:03:53; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32612  
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3; 2019.5; 26-MAY-2008 10:48:58; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32613  
4; 2381.9; 26-MAY-2008 10:55:00; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;32613  
5; 2572.1; 26-MAY-2008 10:58:11; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32613



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19; 7153.0; 27-MAY-2008 10:02:19; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32626
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23; 7621.3; 27-MAY-2008 10:10:07; Bright; 48.5; 86; 35Eta Oph ; 2.43; 10200;occ; 97; 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
 6; 3168.6; 27-MAY-2008 10:36:30; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32627
 7; 3664.5; 27-MAY-2008 10:44:46; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32627
 8; 3934.1; 27-MAY-2008 10:49:16; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;32627
 9; 4387.8; 27-MAY-2008 10:56:49; Bright; 52.0; 53; 43Bet And ; 2.05; 3300;occ; 104; 0;32627
10; 4544.1; 27-MAY-2008 10:59:26; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;32627
11; 4824.1; 27-MAY-2008 11:04:06; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32627
12; 5357.7; 27-MAY-2008 11:12:59; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32627
13; 5886.4; 27-MAY-2008 11:21:48; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;32627
14; 6169.9; 27-MAY-2008 11:26:31; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32627
15; 6482.1; 27-MAY-2008 11:31:44; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32627
16; 6872.0; 27-MAY-2008 11:38:14; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32627
17; 7044.0; 27-MAY-2008 11:41:05; Dark ; 45.0; 40; The Sco ; 1.86; 7100;occ; 90; 0;32627
18; 7153.5; 27-MAY-2008 11:42:55; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32627
19; 7267.4; 27-MAY-2008 11:44:49; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32627
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21; 7523.2; 27-MAY-2008 11:49:05; Bright; 40.5; 80; 7Del Sco ; 2.32; 30000;occ; 81; 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
 5; 2378.8; 27-MAY-2008 12:03:56; Bright; 36.5; 67; 5Alp CrB ; 2.22; 11000;occ; 73; 0;32628
 6; 2562.5; 27-MAY-2008 12:07:00; Bright; 45.5; 133; 40Zet Her ; 2.81; 6000;occ; 91; 0;32628
 7; 3023.9; 27-MAY-2008 12:14:41; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32628
 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
10; 3934.0; 27-MAY-2008 12:29:51; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32628
11; 4387.9; 27-MAY-2008 12:37:25; Bright; 41.0; 53; 43Bet And ; 2.05; 3300;occ; 82; 0;32628
12; 4544.3; 27-MAY-2008 12:40:02; Dark ; 52.5; 58; 21Alp And ; 2.07; 11000;occ; 105; 0;32628
13; 4824.6; 27-MAY-2008 12:44:42; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;32628
14; 5358.3; 27-MAY-2008 12:53:36; Dark ; 48.0; 52; 16Bet Cet ; 2.04; 4500;occ; 96; 0;32628
15; 5887.0; 27-MAY-2008 13:02:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32628
16; 6063.8; 27-MAY-2008 13:05:21; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;32628
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21; 7153.8; 27-MAY-2008 13:23:31; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32628
22; 7267.7; 27-MAY-2008 13:25:25; Dark ; 44.0; 75; 26Eps Sco ; 2.29; 4250;occ; 88; 0;32628
23; 7393.9; 27-MAY-2008 13:27:31; Dark ; 43.0; 136; 23Tau Sco ; 2.82; 30000;occ; 86; 0;32628
24; 7523.4; 27-MAY-2008 13:29:41; Bright; 39.0; 80; 7Del Sco ; 2.32; 30000;occ; 78; 0;32628
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 3; 1701.4; 27-MAY-2008 16:54:27; Bright; 42.0; 98; 13Zet Oph ; 2.57; 30000;occ; 84; 0;32631
 4; 2017.9; 27-MAY-2008 16:59:43; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32631

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6; 2560.8; 27-MAY-2008 17:08:46; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32631  
7; 3023.1; 27-MAY-2008 17:16:28; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32631  
8; 3168.6; 27-MAY-2008 17:18:54; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32631  
9; 3662.4; 27-MAY-2008 17:27:08; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;32631  
10; 3933.9; 27-MAY-2008 17:31:39; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32631  
11; 4388.5; 27-MAY-2008 17:39:14; Bright; 42.0; 53; 43Bet And ; 2.05; 3300;occ; 84; 0;32631  
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13; 4825.9; 27-MAY-2008 17:46:31; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32631  
14; 5360.1; 27-MAY-2008 17:55:25; Dark ; 47.5; 52; 16Bet Cet ; 2.04; 4500;occ; 95; 0;32631  
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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  
17; 6173.6; 27-MAY-2008 18:08:59; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32631  
18; 6485.1; 27-MAY-2008 18:14:10; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32631  
19; 6873.9; 27-MAY-2008 18:20:39; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32631  
20; 7046.1; 27-MAY-2008 18:23:31; Dark ; 47.0; 40; The Sco ; 1.86; 7100;occ; 94; 0;32631

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2; 1748.8; 27-MAY-2008 13:34:02; Bright; 27.5; 104; 27Bet Lib ; 2.61; 13100;occ; 55; 0;32629  
3; 1836.1; 27-MAY-2008 13:35:29; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32629  
4; 2018.3; 27-MAY-2008 13:38:31; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32629  
5; 2378.6; 27-MAY-2008 13:44:32; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;32629  
6; 2562.1; 27-MAY-2008 13:47:35; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32629  
7; 3023.7; 27-MAY-2008 13:55:17; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32629  
8; 3168.6; 27-MAY-2008 13:57:42; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32629  
9; 3663.5; 27-MAY-2008 14:05:57; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32629  
10; 3934.1; 27-MAY-2008 14:10:27; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32629  
11; 4388.2; 27-MAY-2008 14:18:01; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;32629  
12; 4544.6; 27-MAY-2008 14:20:38; Dark ; 50.5; 58; 21Alp And ; 2.07; 11000;occ; 101; 0;32629  
13; 4825.1; 27-MAY-2008 14:25:18; Dark ; 50.0; 140; 88Gam Peg ; 2.83; 26000;occ; 100; 0;32629  
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15; 5887.7; 27-MAY-2008 14:43:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32629  
16; 6064.7; 27-MAY-2008 14:45:58; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;32629  
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18; 6483.6; 27-MAY-2008 14:52:57; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32629  
19; 6873.0; 27-MAY-2008 14:59:26; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32629  
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22; 7268.1; 27-MAY-2008 15:06:01; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32629  
23; 7394.3; 27-MAY-2008 15:08:07; Dark ; 41.0; 136; 23Tau Sco ; 2.82; 30000;occ; 82; 0;32629

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2; 1701.3; 27-MAY-2008 15:13:50; Bright; 43.0; 98; 13Zet Oph ; 2.57; 30000;occ; 86; 0;32630  
3; 2018.0; 27-MAY-2008 15:19:07; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32630  
4; 2378.4; 27-MAY-2008 15:25:07; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;32630  
5; 2561.5; 27-MAY-2008 15:28:11; Bright; 45.0; 133; 40Zet Her ; 2.81; 6000;occ; 90; 0;32630  
6; 3023.3; 27-MAY-2008 15:35:52; Bright; 46.0; 119; 14Eta Dra ; 2.73; 4700;occ; 92; 0;32630  
7; 3168.6; 27-MAY-2008 15:38:18; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32630  
8; 3663.0; 27-MAY-2008 15:46:32; Bright; 68.0; 89; 5Alp Cep ; 2.45; 8000;occ; 136; 0;32630  
9; 3934.1; 27-MAY-2008 15:51:03; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;32630  
10; 4388.4; 27-MAY-2008 15:58:37; Bright; 52.5; 53; 43Bet And ; 2.05; 3300;occ; 105; 0;32630  
11; 4544.7; 27-MAY-2008 16:01:14; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;32630  
12; 4825.6; 27-MAY-2008 16:05:55; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;32630  
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14; 5888.4; 27-MAY-2008 16:23:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32630  
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18; 6873.5; 27-MAY-2008 16:40:03; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32630  
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3; 1232.8; 27-MAY-2008 18:27:14; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32632  
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5; 1701.4; 27-MAY-2008 18:35:03; Bright; 43.0; 98; 13Zet Oph ; 2.57; 30000;occ; 86; 0;32632

6; 1835.8; 27-MAY-2008 18:37:17; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32632  
7; 2017.9; 27-MAY-2008 18:40:19; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32632  
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9; 2560.2; 27-MAY-2008 18:49:21; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32632  
10; 3022.6; 27-MAY-2008 18:57:04; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32632  
11; 3168.5; 27-MAY-2008 18:59:30; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32632  
12; 3661.9; 27-MAY-2008 19:07:43; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;32632  
13; 3933.9; 27-MAY-2008 19:12:15; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;32632  
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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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4; 141.2; 28-MAY-2008 00:51:26; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32636  
5; 451.9; 28-MAY-2008 00:56:37; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32636  
6; 839.4; 28-MAY-2008 01:03:04; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32636  
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13; 2017.5; 28-MAY-2008 01:22:42; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32636  
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4; 142.1; 28-MAY-2008 02:32:03; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32637  
5; 452.5; 28-MAY-2008 02:37:13; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32637  
6; 839.9; 28-MAY-2008 02:43:40; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32637  
7; 1012.5; 28-MAY-2008 02:46:33; Dark ; 43.5; 40; The Sco ; 1.86; 7100;occ; 87; 0;32637  
8; 1121.8; 28-MAY-2008 02:48:22; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32637  
9; 1234.5; 28-MAY-2008 02:50:15; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;32637  
10; 1360.1; 28-MAY-2008 02:52:21; Dark ; 45.0; 136; 23Tau Sco ; 2.82; 30000;occ; 90; 0;32637  
11; 1701.5; 28-MAY-2008 02:58:02; Bright; 43.0; 98; 13Zet Oph ; 2.57; 30000;occ; 86; 0;32637  
12; 1835.6; 28-MAY-2008 03:00:16; Bright; 41.0; 120; 1Del Oph ; 2.73; 3200;occ; 82; 0;32637  
13; 2017.6; 28-MAY-2008 03:03:18; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32637  
14; 2377.1; 28-MAY-2008 03:09:18; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;32637  
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16; 3021.0; 28-MAY-2008 03:20:02; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;32637  
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4; -1489.8; 28-MAY-2008 03:45:27; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;32637  
5; -1207.4; 28-MAY-2008 03:50:09; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32637  
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22; 2556.6; 28-MAY-2008 04:52:53; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32638
23; 3020.6; 28-MAY-2008 05:00:37; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32638
24; 3168.1; 28-MAY-2008 05:03:05; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32638
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13; 1013.4; 28-MAY-2008 06:07:46; Dark ; 51.0; 40; The Sco ; 1.86; 7100;occ; 102; 0;32639
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5; 1490.7; 28-MAY-2008 21:21:07; Bright; 40.5; 80; 7Del Sco ; 2.32; 30000;occ; 81; 0;32648
6; 1587.2; 28-MAY-2008 21:22:43; Bright; 47.0; 86; 35Eta Oph ; 2.43; 10200;occ; 94; 0;32648
7; 1701.4; 28-MAY-2008 21:24:37; Bright; 43.0; 98; 13Zet Oph ; 2.57; 30000;occ; 86; 0;32648
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9; 2016.7; 28-MAY-2008 21:29:53; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32648
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11; 2550.6; 28-MAY-2008 21:38:47; Bright; 42.5; 133; 40Zet Her ; 2.81; 6000;occ; 85; 0;32648
12; 3017.3; 28-MAY-2008 21:46:33; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32648
13; 3167.6; 28-MAY-2008 21:49:04; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32648
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9; 36.7; 28-MAY-2008 07:32:05; Dark ; 58.5; 63; Bet Gru ; 2.15; 2800;occ; 117; 0;32640  
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6;	3167.9;	28-MAY-2008	10:04:52;	Bright;	34.0;	60;	7Bet UMi	;	2.08;	3950;occ;	68;	0;	32641	
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11;	4389.7;	28-MAY-2008	13:46:26;	Bright;	39.0;	53;	43Bet And	;	2.05;	3300;occ;	78;	0;	32643	
12;	4547.2;	28-MAY-2008	13:49:03;	Dark	;	48.0;	58;	21Alp And	;	2.07;	11000;occ;	96;	0;	32643
13;	4831.2;	28-MAY-2008	13:53:47;	Dark	;	49.0;	140;	88Gam Peg	;	2.83;	26000;occ;	98;	0;	32643
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 7; 1019.2; 29-MAY-2008 02:15:03; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;32651  
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19; 6883.0; 29-MAY-2008 08:54:35; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32654
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 5; 2545.9; 29-MAY-2008 11:03:29; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32656  
 6; 3014.8; 29-MAY-2008 11:11:18; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;32656  
 7; 3167.3; 29-MAY-2008 11:13:51; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32656  
 8; 3648.1; 29-MAY-2008 11:21:51; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;32656  
 9; 3932.0; 29-MAY-2008 11:26:35; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32656  
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6; 470.5; 29-MAY-2008 22:13:05; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32663  
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23; 7167.6; 29-MAY-2008 15:41:43; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32658

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 19; 6964.4; 30-MAY-2008 15:06:42; Dark ; 38.5; 147; Alp Ara ; 2.88; 26000;occ; 77; 0;32672  
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8; 3557.2; 31-MAY-2008 13:38:18; Bright; 59.5; 0; ; 0.00; 0;occ; 119; 0;32686
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13; 6443.4; 31-MAY-2008 14:26:25; Dark ; 38.5; 0; ; 0.00; 0;occ; 77; 0;32686
14; 6874.1; 31-MAY-2008 14:33:35; Dark ; 36.5; 0; ; 0.00; 0;occ; 73; 0;32686
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4; 1915.1; 31-MAY-2008 14:51:32; Bright; 39.5; 0; ; 0.00; 0;occ; 79; 0;32687
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15; 6916.9; 31-MAY-2008 16:14:54; Dark ; 93.0; 147; Alp Ara ; 2.88; 26000;occ; 186; 0;32687
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 3; 1778.1; 31-MAY-2008 16:29:51; Bright; 95.5; 120; 1Del Oph ; 2.73; 3200;occ; 191; 0;32688  
 4; 1961.6; 31-MAY-2008 16:32:55; Bright; 90.0; 102; 24Alp Ser ; 2.60; 4250;occ; 180; 0;32688  
 5; 2263.2; 31-MAY-2008 16:37:56; Bright; 103.0; 127; 27Bet Her ; 2.78; 4700;occ; 206; 0;32688  
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 7; 2952.1; 31-MAY-2008 16:49:25; Bright; 91.0; 119; 14Eta Dra ; 2.73; 4700;occ; 182; 0;32688  
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