

# GOMOS Daily Report 15-MAY-2006

## Level 0 and Level 1 products

### SUMMARY

#### [1. General Info](#)

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

[2.1 Level 0 products arrived in PCF during actual month \(see template \[here\]\(#\)\)](#)

[2.2 Level 1 products arrived in PCF during reporting period](#)

#### [3. Plot of Spectrometers and Photometers temperatures](#)

#### [4. Dark Charge monitoring](#)

[4.1 Products that did not use the Dark Sky Area observation for DC computation](#)

[4.2 Plot of Dark Charge](#)

#### [5. Demodulation correction and quality product information monitoring](#)

[5.1 Percentage of products with some flags set](#)

[5.2 Plot of quality information per product \(time dependant\)](#)

[5.3 Plot of quality information per product \(world map\)](#)

#### [6. Star tangent altitude lost](#)

[6.1 Statistics on star tangent altitude lost](#)

[6.2 Plot of star tangent altitude lost: DARK products](#)

[6.3 Plot of star tangent altitude lost: BRIGHT products](#)

[6.3 Plot of star tangent altitude lost: TWILIGHT products](#)

#### [7. Statistics on SATU Noise Equivalent Angle](#)

#### [8. Auxiliary Data Files used for the production reported in section 2.2](#)

## [Level 2 products](#)

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### 1. General Info

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 | 17MAY2006 04:32:40 |

|                         |   |
|-------------------------|---|
| Data source version     | GOMOS/4.02                                    |
| Start time of products  | QDS_YESTERDAY(/START)-1D (15MAY2006 00:00:00) |
| Stop time of products   | QDS_YESTERDAY(/STOP)-1D (16MAY2006 00:00:00)  |
| Store outputs in DB     | Yes   |
| Nb of level 1b prods    | 46  |
| Nb of prods with errors | 1   |

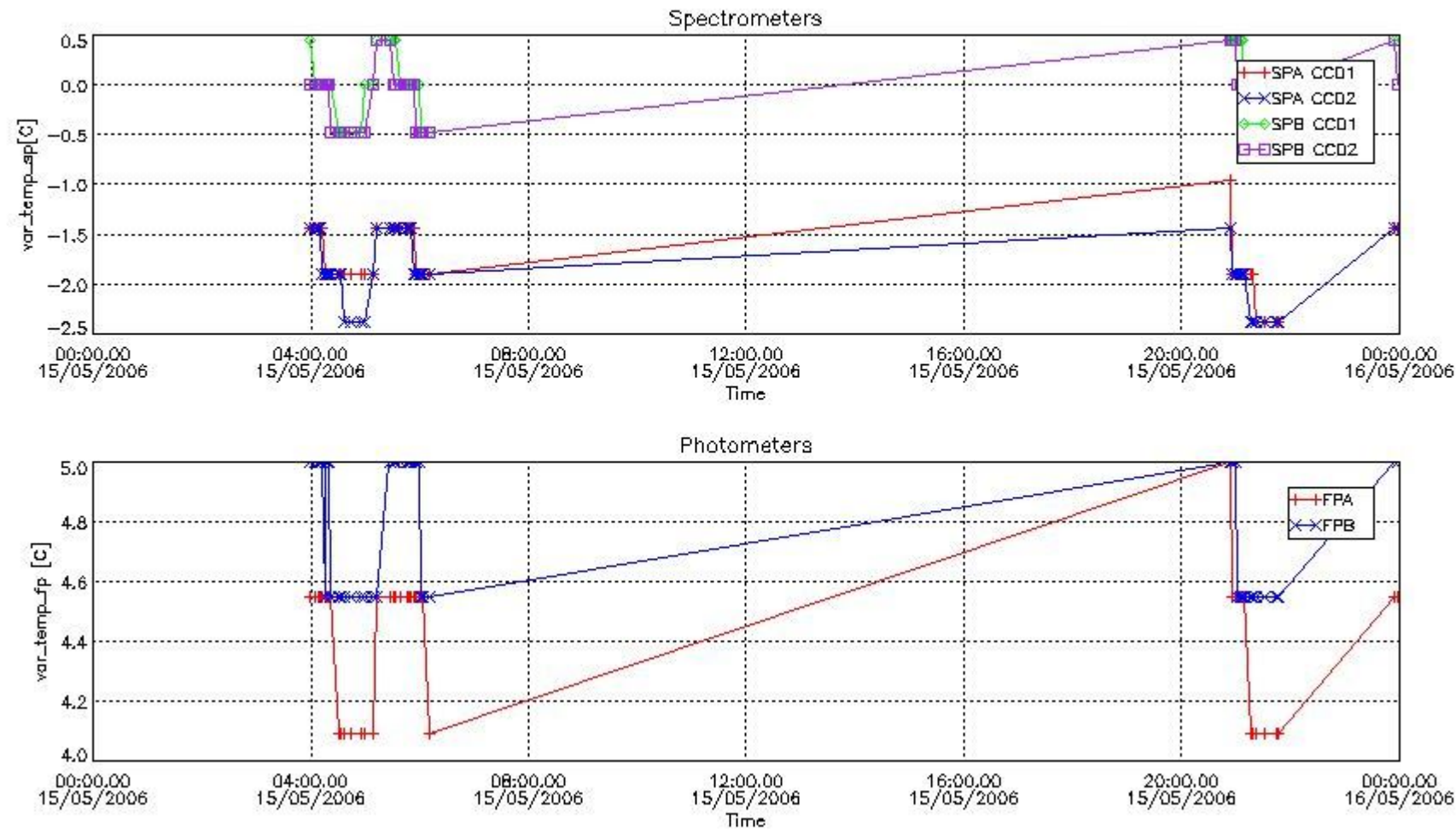
## 2. Summary of products arrived in PCF (Product Control Facility)

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

### 2.2 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_1PNPDE20060515_035824_000000422047_00391_21988_0000.N1 | 15-MAY-2006 03:58:24 | Dark     | 41.500   | 45      | Alp Pav   | 1.9400    | 26000.    | 83      | 21988 | No          |
| 2  | GOM_TRA_1PNPDE20060515_040538_000000442047_00391_21988_0001.N1 | 15-MAY-2006 04:05:38 | Twilight | 43.500   | 141     | Bet Ara   | 2.8400    | 4600.0    | 87      | 21988 | No          |
| 3  | GOM_TRA_1PNPDE20060515_040810_000000522047_00391_21988_0002.N1 | 15-MAY-2006 04:08:10 | Twilight | 51.500   | 40      | The Sco   | 1.8590    | 7100.0    | 103     | 21988 | No          |
| 4  | GOM_TRA_1PNPDE20060515_041005_000000352047_00391_21988_0003.N1 | 15-MAY-2006 04:10:05 | Bright   | 35.000   | 115     | 34Ups Sco | 2.6960    | 26000.    | 70      | 21988 | No          |
| 5  | GOM_TRA_1PNPDE20060515_041225_000000542047_00391_21988_0004.N1 | 15-MAY-2006 04:12:25 | Bright   | 53.500   | 75      | 26Eps Sco | 2.2910    | 4250.0    | 107     | 21988 | No          |
| 6  | GOM_TRA_1PNPDE20060515_041533_000000642047_00391_21988_0005.N1 | 15-MAY-2006 04:15:33 | Bright   | 63.500   | 16      | 21Alp Sco | 1.0200    | 3000.0    | 127     | 21988 | No          |
| 7  | GOM_TRA_1PNPDE20060515_041812_000000452047_00391_21988_0006.N1 | 15-MAY-2006 04:18:12 | Bright   | 45.000   | 97      | 8Bet1Sco  | 2.5610    | 30000.    | 90      | 21988 | No          |
| 8  | GOM_TRA_1PNPDE20060515_042001_000000392047_00391_21988_0007.N1 | 15-MAY-2006 04:20:01 | Bright   | 38.500   | 122     | 9Alp2Lib  | 2.7470    | 9700.0    | 77      | 21988 | No          |
| 9  | GOM_TRA_1PNPDE20060515_042154_000000402047_00391_21988_0008.N1 | 15-MAY-2006 04:21:54 | Bright   | 40.000   | 104     | 27Bet Lib | 2.6140    | 13100.    | 80      | 21988 | No          |
| 10 | GOM_TRA_1PNPDE20060515_043022_000000352047_00391_21988_0009.N1 | 15-MAY-2006 04:30:22 | Bright   | 35.000   | 3       | 16Alp Boo | -0.050000 | 4250.0    | 70      | 21988 | No          |
| 11 | GOM_TRA_1PNPDE20060515_043253_000000412047_00391_21988_0010.N1 | 15-MAY-2006 04:32:53 | Bright   | 41.000   | 83      |           | 2.3780    | 11000.    | 82      | 21988 | No          |
| 12 | GOM_TRA_1PNPDE20060515_043600_000000382047_00391_21988_0011.N1 | 15-MAY-2006 04:36:00 | Bright   | 38.000   | 180     | 27Gam Boo | 3.0400    | 8000.0    | 76      | 21988 | No          |
| 13 | GOM_TRA_1PNPDE20060515_044446_000000402047_00391_21988_0012.N1 | 15-MAY-2006 04:44:46 | Bright   | 39.500   | 119     | 14Eta Dra | 2.7270    | 4700.0    | 79      | 21988 | No          |
| 14 | GOM_TRA_1PNPDE20060515_045543_000000282047_00391_21988_0000.N1 | 15-MAY-2006 04:55:43 | Twilight | 28.000   | 89      | 5Alp Cep  | 2.4510    | 8000.0    | 56      | 21988 | No          |
| 15 | GOM_TRA_1PNPDE20060515_045910_000000362047_00391_21988_0001.N1 | 15-MAY-2006 04:59:10 | Bright   | 36.000   | 74      | 11Bet Cas | 2.2680    | 6600.0    | 72      | 21988 | No          |
| 16 | GOM_TRA_1PNPDE20060515_050819_000000412047_00391_21988_0002.N1 | 15-MAY-2006 05:08:19 | Twilight | 41.000   | 58      | 21Alp And | 2.0730    | 11000.    | 82      | 21988 | No          |
| 17 | GOM_TRA_1PNPDE20060515_051227_000000402047_00391_21988_0003.N1 | 15-MAY-2006 05:12:27 | Twilight | 39.500   | 140     | 88Gam Peg | 2.8340    | 26000.    | 79      | 21988 | No          |
| 18 | GOM_TRA_1PNPDE20060515_052736_000000532047_00391_21988_0004.N1 | 15-MAY-2006 05:27:36 | Dark     | 53.000   | 18      | 24Alp PsA | 1.1660    | 9700.0    | 106     | 21988 | No          |
| 19 | GOM_TRA_1PNPDE20060515_053159_000000482047_00391_21988_0005.N1 | 15-MAY-2006 05:31:59 | Dark     | 48.000   | 63      | Bet Gru   | 2.1500    | 2800.0    | 96      | 21988 | No          |
| 20 | GOM_TRA_1PNPDE20060515_053326_000000472047_00391_21988_0006.N1 | 15-MAY-2006 05:33:26 | Dark     | 46.500   | 31      | Alp Gru   | 1.7340    | 15200.    | 93      | 21988 | No          |
| 21 | GOM_TRA_1PNPDE20060515_053901_000000422047_00392_21989_0007.N1 | 15-MAY-2006 05:39:01 | Dark     | 41.500   | 45      | Alp Pav   | 1.9400    | 26000.    | 83      | 21989 | No          |
| 22 | GOM_TRA_1PNPDE20060515_054615_000000452047_00392_21989_0008.N1 | 15-MAY-2006 05:46:15 | Twilight | 45.000   | 141     | Bet Ara   | 2.8400    | 4600.0    | 90      | 21989 | No          |
| 23 | GOM_TRA_1PNPDE20060515_054846_000000522047_00392_21989_0009.N1 | 15-MAY-2006 05:48:46 | Twilight | 51.500   | 40      | The Sco   | 1.8590    | 7100.0    | 103     | 21989 | No          |
| 24 | GOM_TRA_1PNPDE20060515_055041_000000352047_00392_21989_0010.N1 | 15-MAY-2006 05:50:41 | Bright   | 35.000   | 115     | 34Ups Sco | 2.6960    | 26000.    | 70      | 21989 | No          |
| 25 | GOM_TRA_1PNPDE20060515_055301_000000532047_00392_21989_0011.N1 | 15-MAY-2006 05:53:01 | Bright   | 52.500   | 75      | 26Eps Sco | 2.2910    | 4250.0    | 105     | 21989 | No          |
| 26 | GOM_TRA_1PNPDE20060515_055609_000000582047_00392_21989_0012.N1 | 15-MAY-2006 05:56:09 | Bright   | 58.000   | 16      | 21Alp Sco | 1.0200    | 3000.0    | 116     | 21989 | No          |
| 27 | GOM_TRA_1PNPDE20060515_055848_000000452047_00392_21989_0013.N1 | 15-MAY-2006 05:58:48 | Bright   | 44.500   | 97      | 8Bet1Sco  | 2.5610    | 30000.    | 89      | 21989 | No          |
| 28 | GOM_TRA_1PNPDE20060515_060037_000000372047_00392_21989_0014.N1 | 15-MAY-2006 06:00:37 | Bright   | 37.000   | 122     | 9Alp2Lib  | 2.7470    | 9700.0    | 74      | 21989 | No          |
| 29 | GOM_TRA_1PNPDE20060515_060230_000000402047_00392_21989_0015.N1 | 15-MAY-2006 06:02:30 | Bright   | 39.500   | 104     | 27Bet Lib | 2.6140    | 13100.    | 79      | 21989 | No          |
| 30 | GOM_TRA_1PNPDE20060515_061058_000000362047_00392_21989_0016.N1 | 15-MAY-2006 06:10:58 | Bright   | 36.000   | 3       | 16Alp Boo | -0.050000 | 4250.0    | 72      | 21989 | No          |
| 31 | GOM_TRA_1PNPDE20060515_205416_000000532047_00401_21998_0000.N1 | 15-MAY-2006 20:54:16 | Bright   | 53.000   | 40      | The Sco   | 1.8590    | 7100.0    | 106     | 21998 | Yes         |
| 32 | GOM_TRA_1PNPDE20060515_205608_000000262047_00401_21998_0001.N1 | 15-MAY-2006 20:56:08 | Twilight | 26.000   | 25      | 35Lam Sco | 1.6200    | 28000.    | 52      | 21998 | No          |
| 33 | GOM_TRA_1PNPDE20060515_205829_000000532047_00401_21998_0002.N1 | 15-MAY-2006 20:58:29 | Bright   | 52.500   | 75      | 26Eps Sco | 2.2910    | 4250.0    | 105     | 21998 | No          |
| 34 | GOM_TRA_1PNPDE20060515_210136_000000602047_00401_21998_0003.N1 | 15-MAY-2006 21:01:36 | Bright   | 59.500   | 16      | 21Alp Sco | 1.0200    | 3000.0    | 119     | 21998 | No          |
| 35 | GOM_TRA_1PNPDE20060515_210413_000000482047_00401_21998_0004.N1 | 15-MAY-2006 21:04:13 | Bright   | 47.500   | 97      | 8Bet1Sco  | 2.5610    | 30000.    | 95      | 21998 | No          |
| 36 | GOM_TRA_1PNPDE20060515_210602_000000372047_00401_21998_0005.N1 | 15-MAY-2006 21:06:02 | Bright   | 37.000   | 122     | 9Alp2Lib  | 2.7470    | 9700.0    | 74      | 21998 | No          |
| 37 | GOM_TRA_1PNPDE20060515_210754_000000412047_00401_21998_0006.N1 | 15-MAY-2006 21:07:54 | Bright   | 40.500   | 104     | 27Bet Lib | 2.6140    | 13100.    | 81      | 21998 | No          |
| 38 | GOM_TRA_1PNPDE20060515_211621_000000362047_00401_21998_0007.N1 | 15-MAY-2006 21:16:21 | Bright   | 36.000   | 3       | 16Alp Boo | -0.050000 | 4250.0    | 72      | 21998 | No          |
| 39 | GOM_TRA_1PNPDE20060515_211850_000000372047_00401_21998_0008.N1 | 15-MAY-2006 21:18:50 | Bright   | 36.500   | 83      |           | 2.3780    | 11000.    | 73      | 21998 | No          |
| 40 | GOM_TRA_1PNPDE20060515_212158_000000362047_00401_21998_0009.N1 | 15-MAY-2006 21:21:58 | Bright   | 35.500   | 180     | 27Gam Boo | 3.0400    | 8000.0    | 71      | 21998 | No          |
| 41 | GOM_TRA_1PNPDE20060515_213041_000000412047_00401_21998_0010.N1 | 15-MAY-2006 21:30:41 | Bright   | 41.000   | 119     | 14Eta Dra | 2.7270    | 4700.0    | 82      | 21998 | No          |
| 42 | GOM_TRA_1PNPDE20060515_213210_000000382047_00401_21998_0011.N1 | 15-MAY-2006 21:32:10 | Bright   | 38.000   | 60      | 7Bet UMi  | 2.0810    | 3950.0    | 76      | 21998 | No          |
| 43 | GOM_TRA_1PNPDE20060515_214444_000000342047_00401_21998_0012.N1 | 15-MAY-2006 21:44:44 | Bright   | 33.500   | 76      | 27Gam Cas | 2.3000    | 30000.    | 67      | 21998 | No          |
| 44 | GOM_TRA_1PNPDE20060515_214558_000000352047_00401_21998_0013.N1 | 15-MAY-2006 21:45:58 | Bright   | 35.000   | 68      | 18Alp Cas | 2.2250    | 4500.0    | 70      | 21998 | No          |
| 45 | GOM_TRA_1PNPDE20060515_235420_000000502047_00402_21999_0000.N1 | 15-MAY-2006 23:54:20 | Dark     | 49.500   | 18      | 24Alp PsA | 1.1660    | 9700.0    | 99      | 21999 | No          |
| 46 | GOM_TRA_1PNPDE20060515_235841_000000472047_00402_21999_0001.N1 | 15-MAY-2006 23:58:41 | Dark     | 47.000   | 63      | Bet Gru   | 2.1500    | 2800.0    | 94      | 21999 | No          |

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



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

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

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

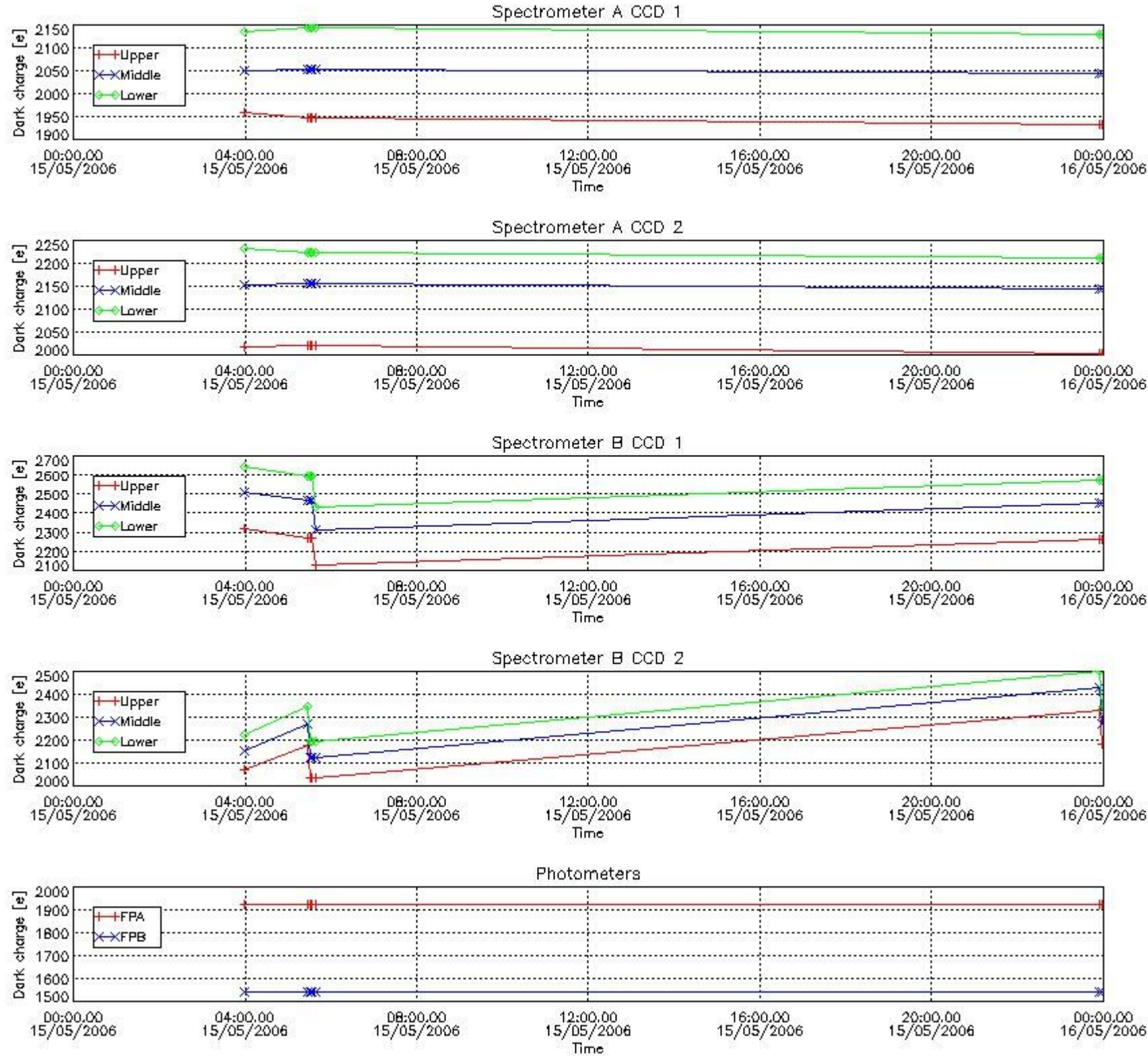
#### 4.1 These products did not use the DSA observation for DC computation:

| Product name   | DC information             |
|--|----------------------------|
| GOM_TRA_1PNPDE20060515_205416_000000532047_00401_21998_0000.N1 | DC map with no T dep. (12) |
| GOM_TRA_1PNPDE20060515_205608_000000262047_00401_21998_0001.N1 | DC map used (0)            |
| GOM_TRA_1PNPDE20060515_205829_000000532047_00401_21998_0002.N1 | DC map used (0)            |
| GOM_TRA_1PNPDE20060515_210136_000000602047_00401_21998_0003.N1 | DC map used (0)            |
| GOM_TRA_1PNPDE20060515_210413_000000482047_00401_21998_0004.N1 | DC map used (0)            |
| GOM_TRA_1PNPDE20060515_210602_000000372047_00401_21998_0005.N1 | DC map used (0)            |
| GOM_TRA_1PNPDE20060515_210754_000000412047_00401_21998_0006.N1 | DC map used (0)            |
| GOM_TRA_1PNPDE20060515_211621_000000362047_00401_21998_0007.N1 | DC map used (0)            |
| GOM_TRA_1PNPDE20060515_211850_000000372047_00401_21998_0008.N1 | DC map used (0)            |
| GOM_TRA_1PNPDE20060515_212158_000000362047_00401_21998_0009.N1 | DC map used (0)            |



|  |                 |
|--|-----------------|
| GOM_TRA_1PNPDE20060515_213041_000000412047_00401_21998_0010.N1 | DC map used (0) |
| GOM_TRA_1PNPDE20060515_213210_000000382047_00401_21998_0011.N1 | DC map used (0) |
| GOM_TRA_1PNPDE20060515_214444_000000342047_00401_21998_0012.N1 | DC map used (0) |
| GOM_TRA_1PNPDE20060515_214558_000000352047_00401_21998_0013.N1 | DC map used (0) |

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

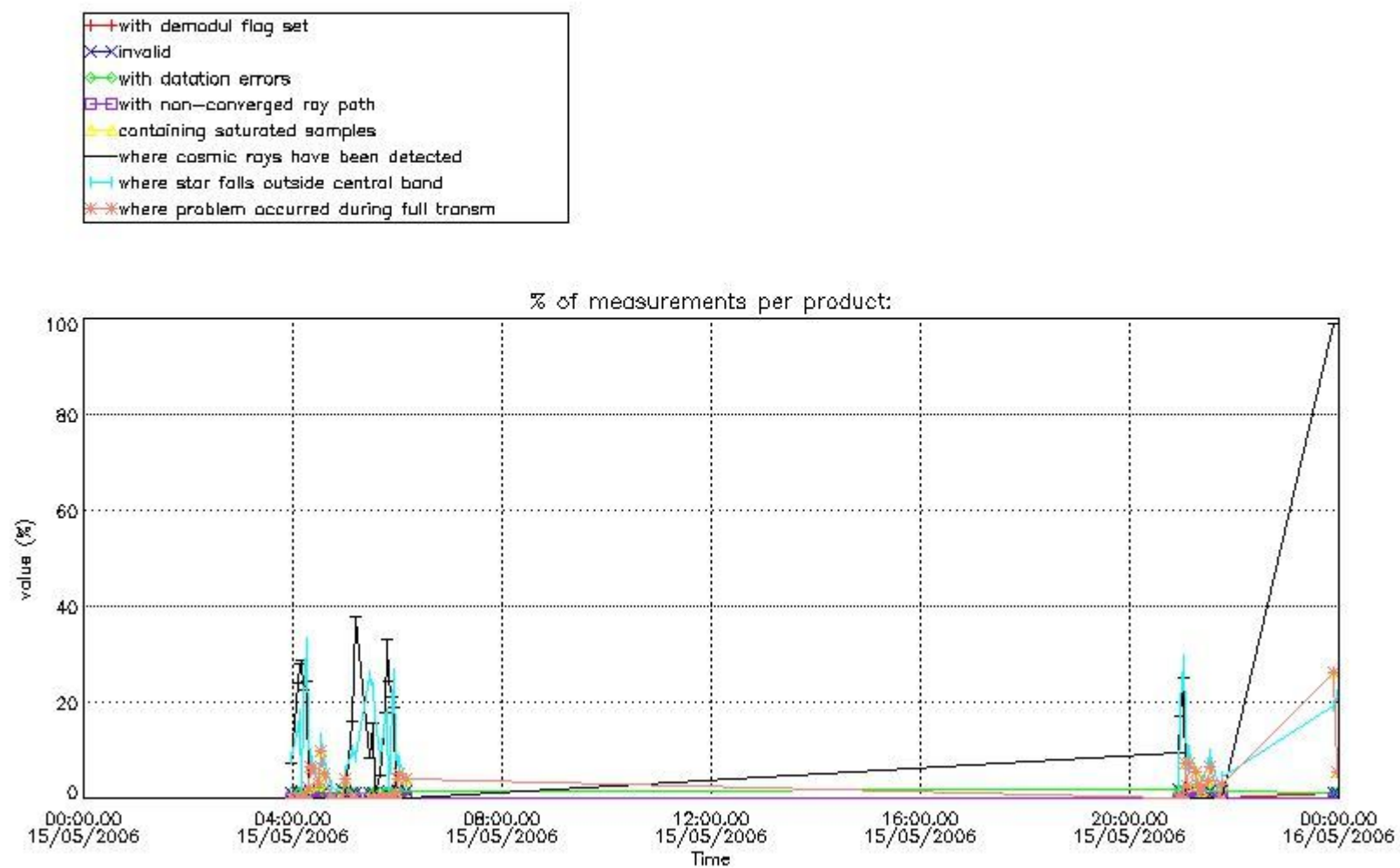
In this section it is presented the modulation information extracted from the pcd (product confidence data)

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.

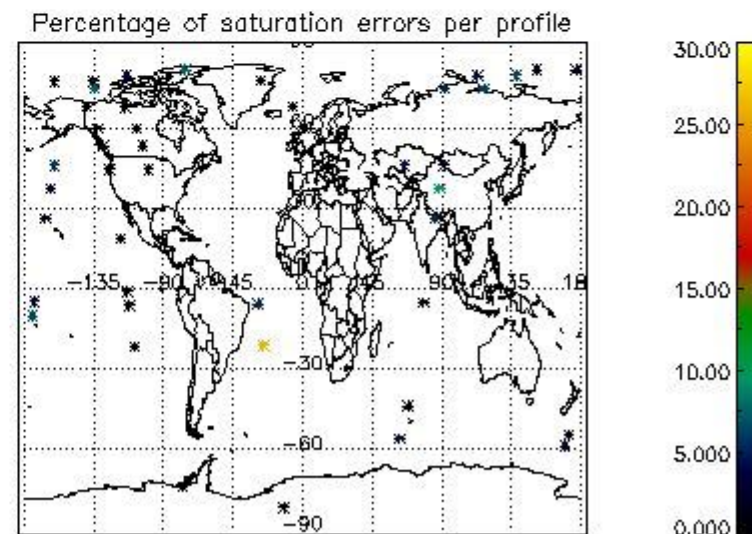
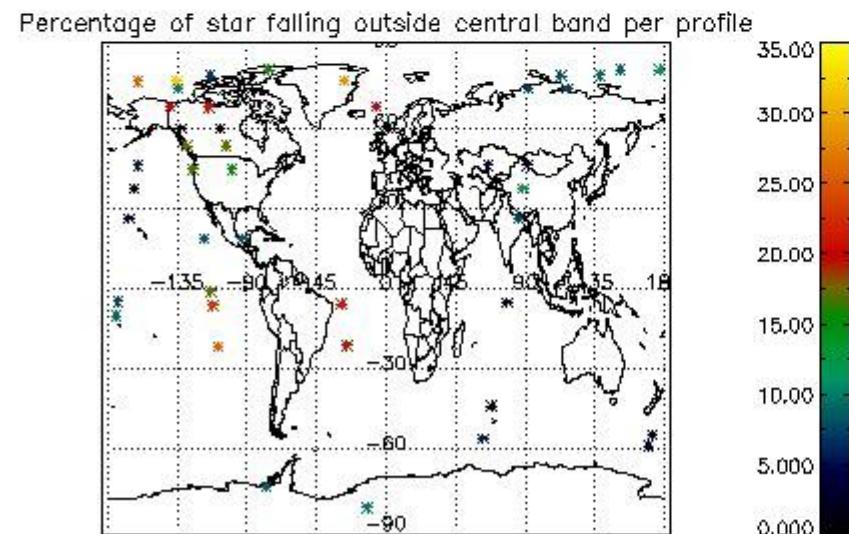
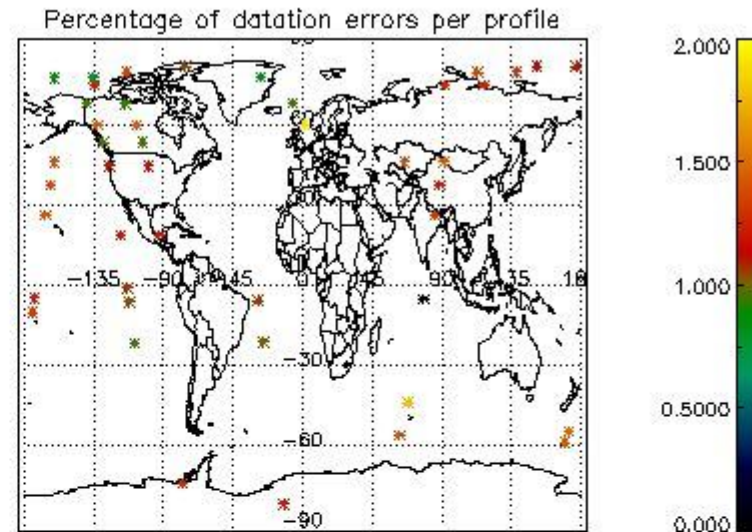
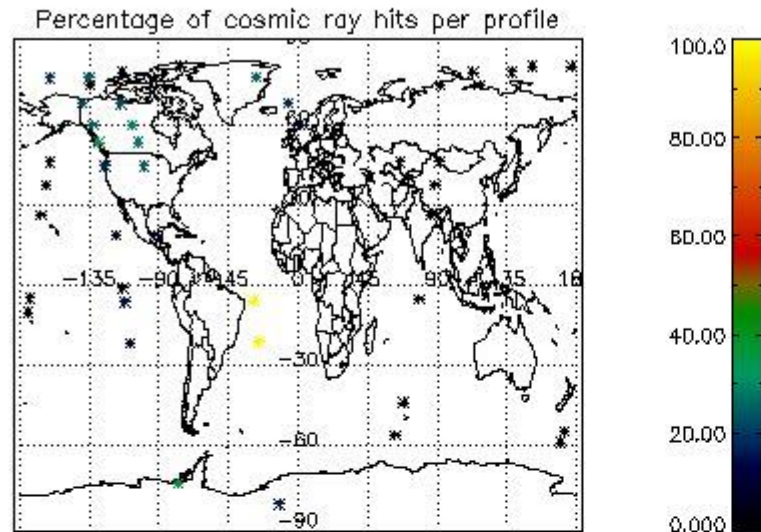
### 5.1 Percentage of products during reporting period with:

|   |           |
|---|-----------|
| At least one measurement with demodulation flag set:  | 8.88889 % |
| Reference spectrum computed from DB:                  | 0.00000 % |
| Reference spectrum with small number of measurements: | 0.00000 % |
| SATU data not used:                                   | 0.00000 % |

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



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



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

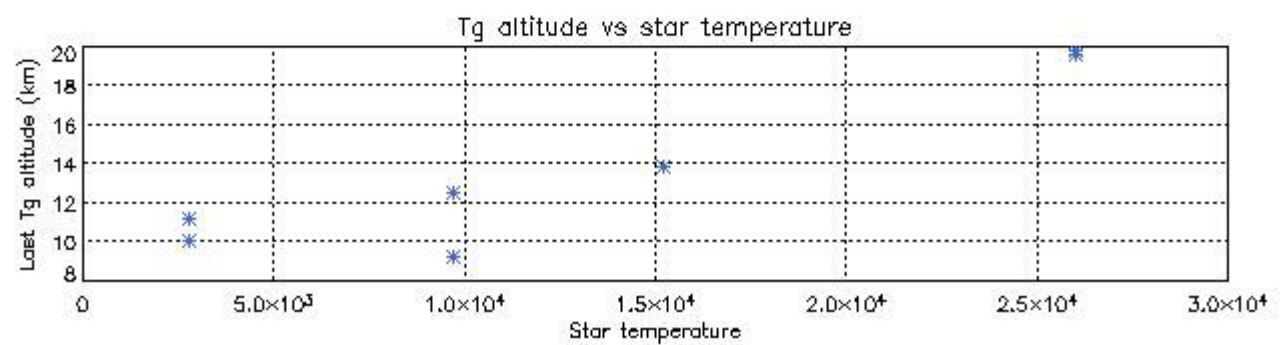
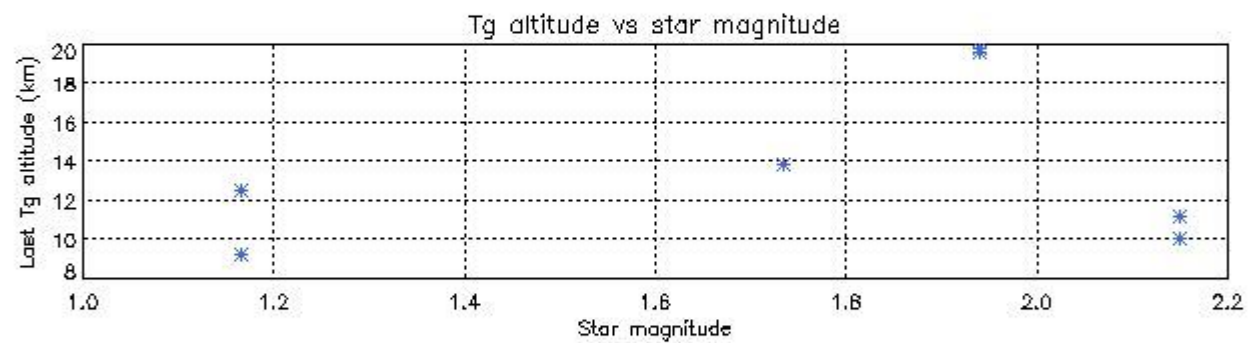
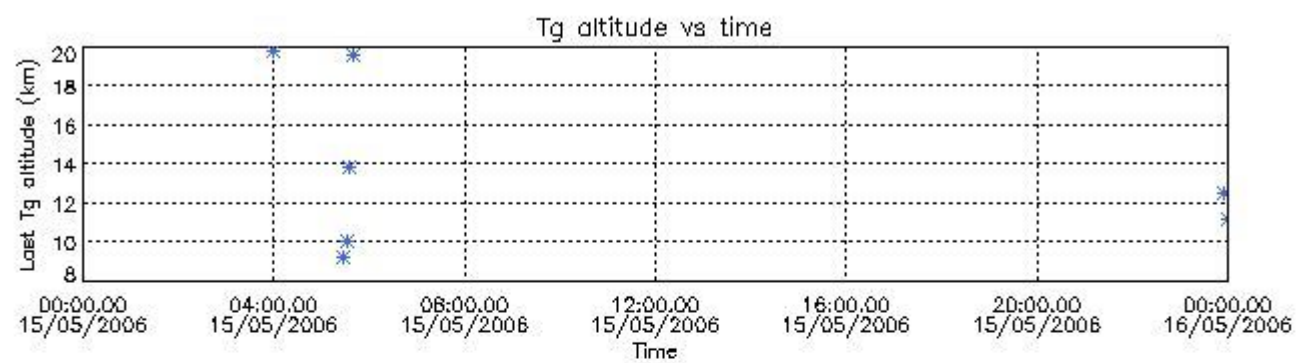
### 6.1 Statistics on tangent altitude lost:

| Statistics      | DARK   | BRIGHT | TWILIGHT |
|-----------------|--------|--------|----------|
| Mean:           | 13.738 | 20.506 | 27.610   |
| St. deviation:  | 4.3219 | 9.0593 | 23.162   |
| Maximum:        | 19.783 | 48.165 | 70.794   |
| Minimum:        | 9.2645 | 5.5982 | 13.454   |
| Number of data: | 7.0000 | 30.000 | 8.0000   |

### 6.2 Plot for DARK limb products

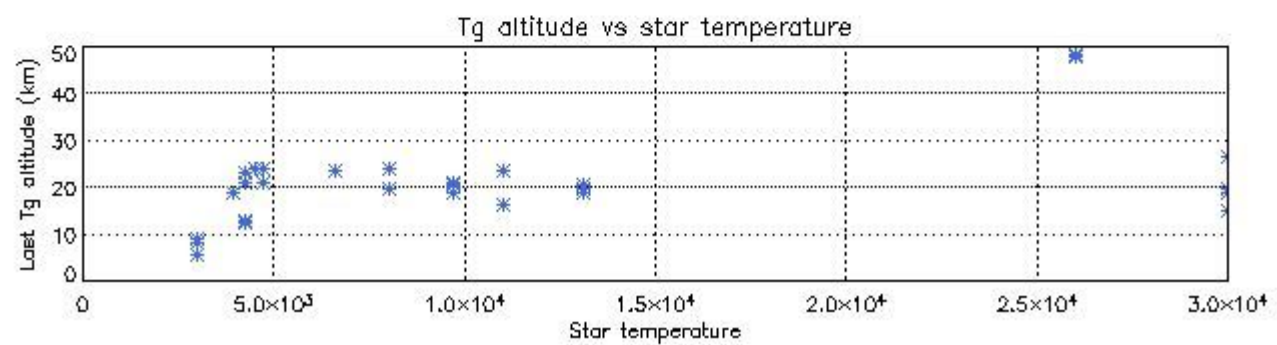
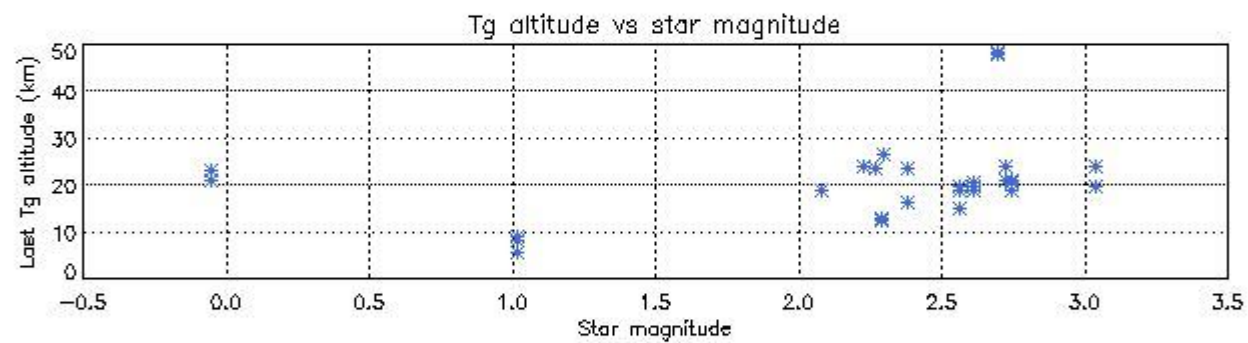
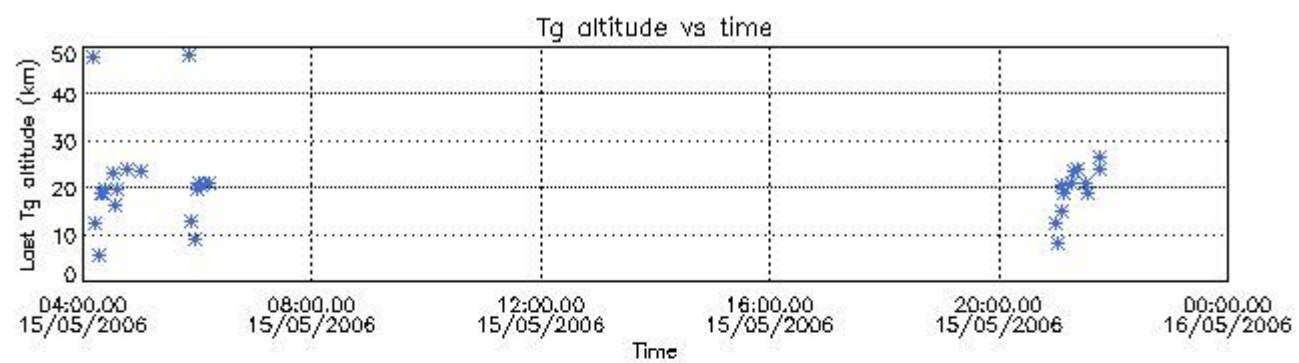


Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

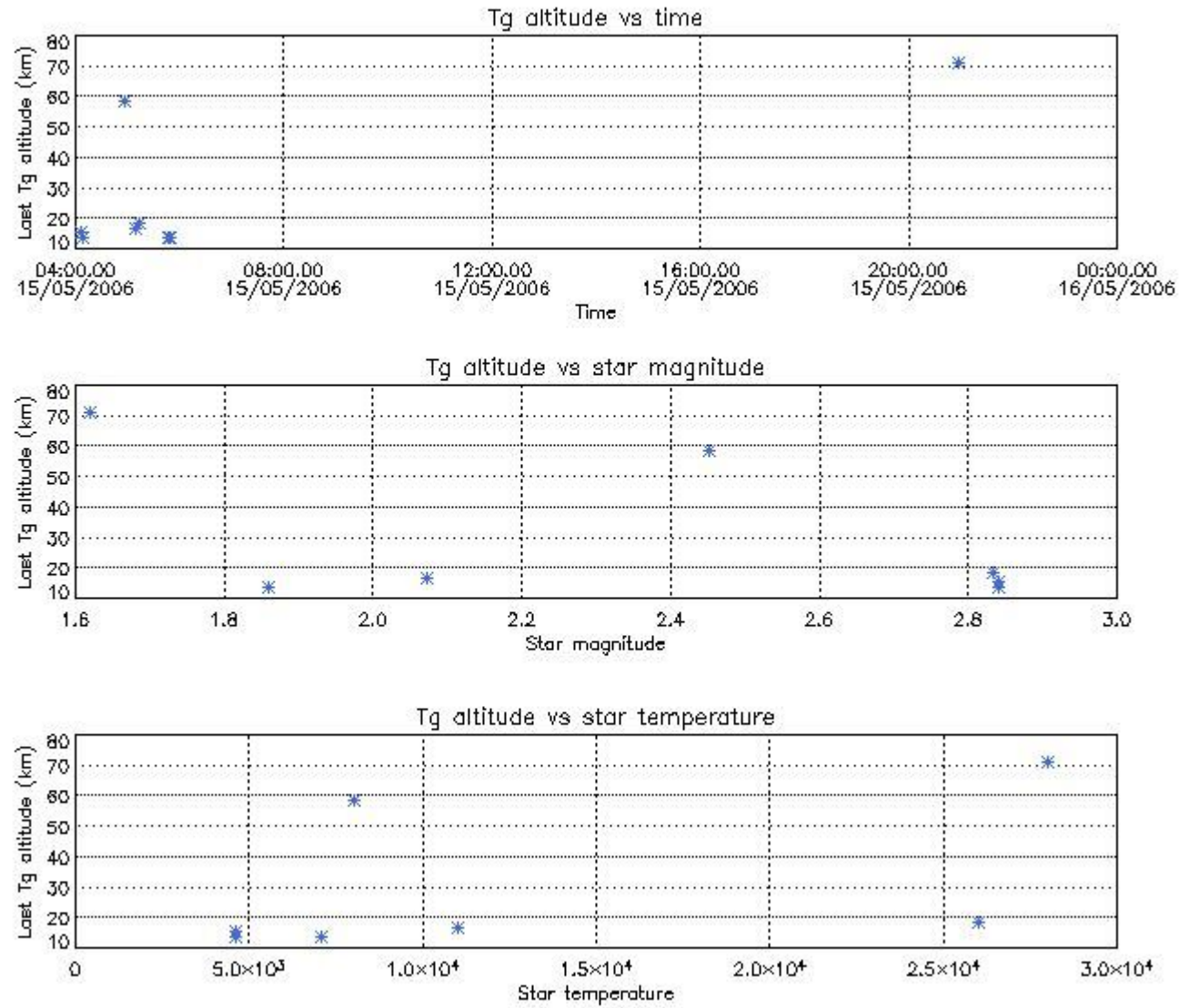
Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products



## Tangent altitude at which the star is lost



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

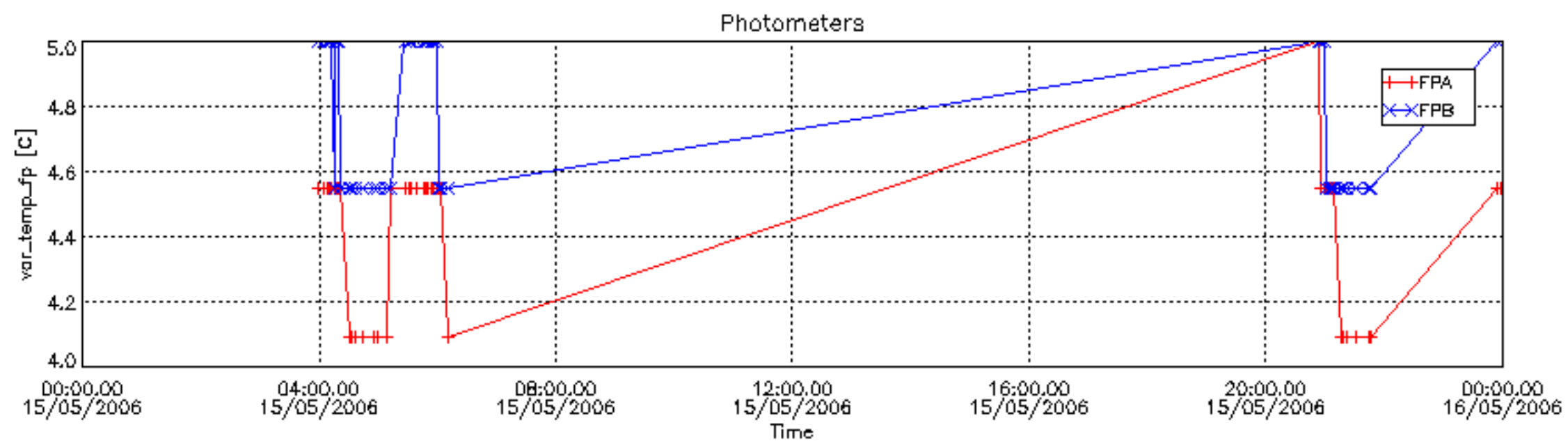
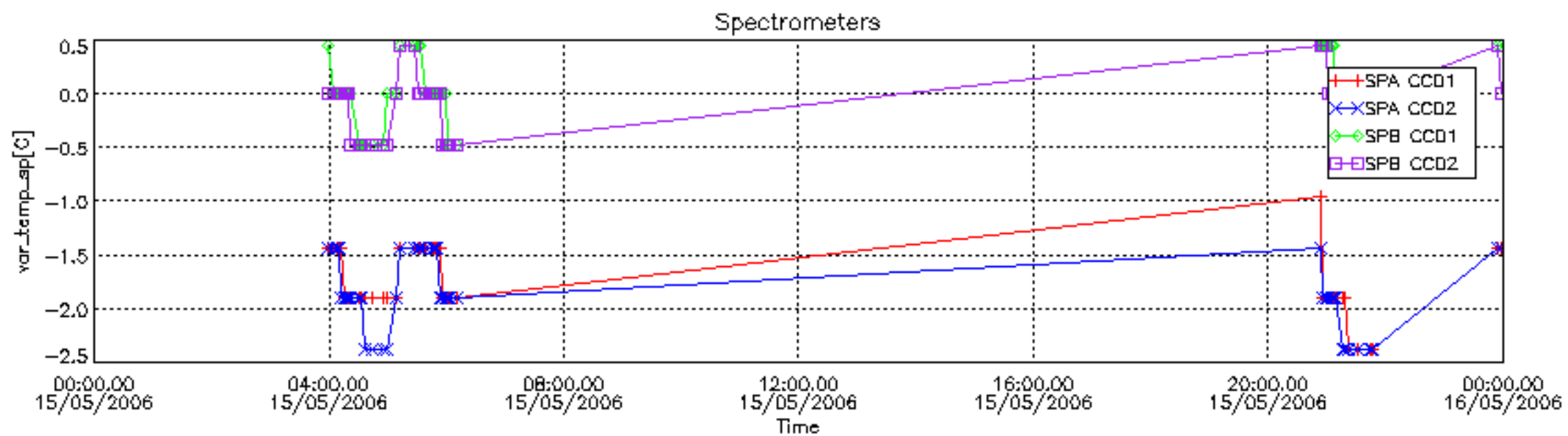
The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere. Statistics above 105 km are computed for every occultation, giving four values per occultation: 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.

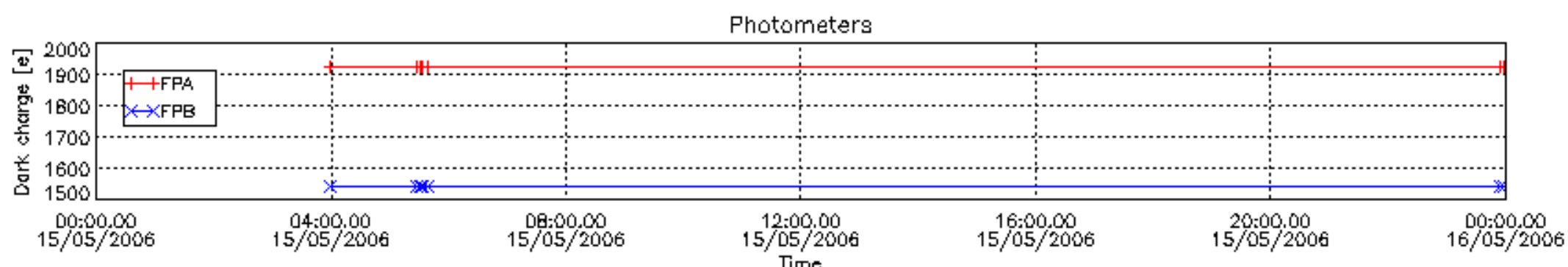
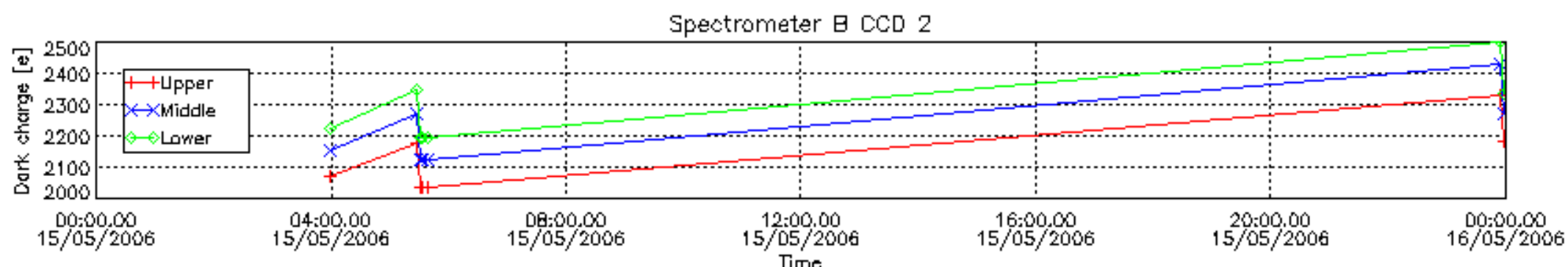
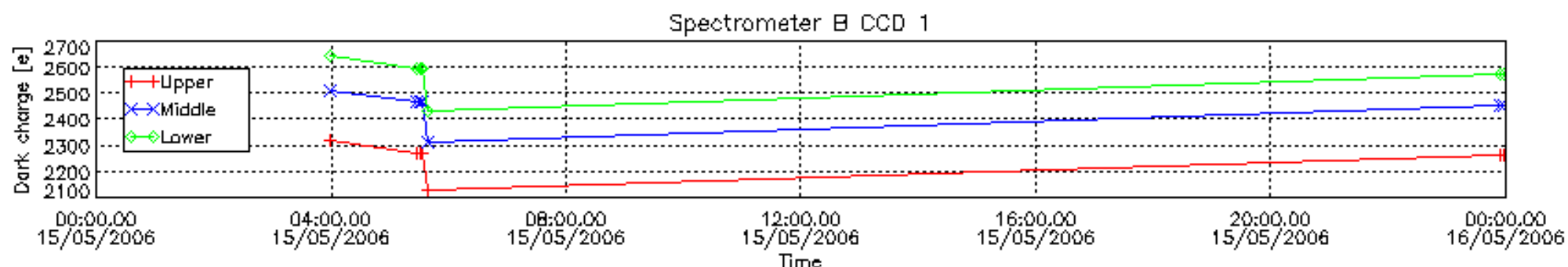
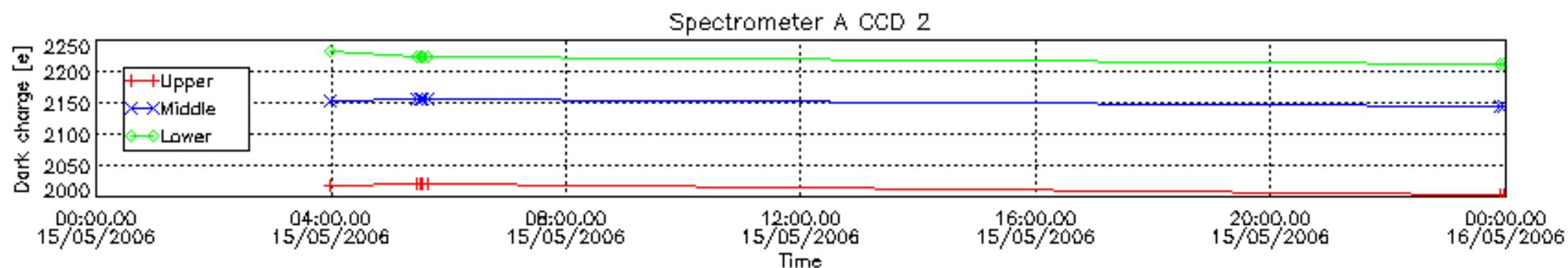
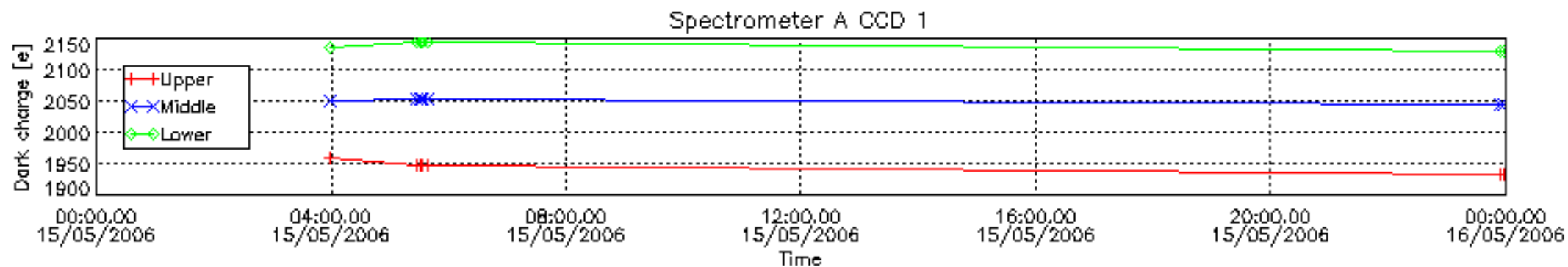
| Statistics      | SATU X (D) | SATU Y (D) | SATU X (B) | SATU Y (B) |
|-----------------|------------|------------|------------|------------|
| Mean:           | 1461.5     | 1447.9     | 1462.6     | 1447.5     |
| St. deviation:  | 4.1389     | 27.696     | 7.3579     | 24.931     |
| Maximum:        | 1614.0     | 1532.0     | 1525.0     | 1539.0     |
| Minimum:        | 1457.0     | 1387.0     | 1445.0     | 1403.0     |
| Number of data: | 7000.0     | 7000.0     | 27900.     | 27900.     |

## 8. Auxiliary Data Files used for the production reported in section 2.2

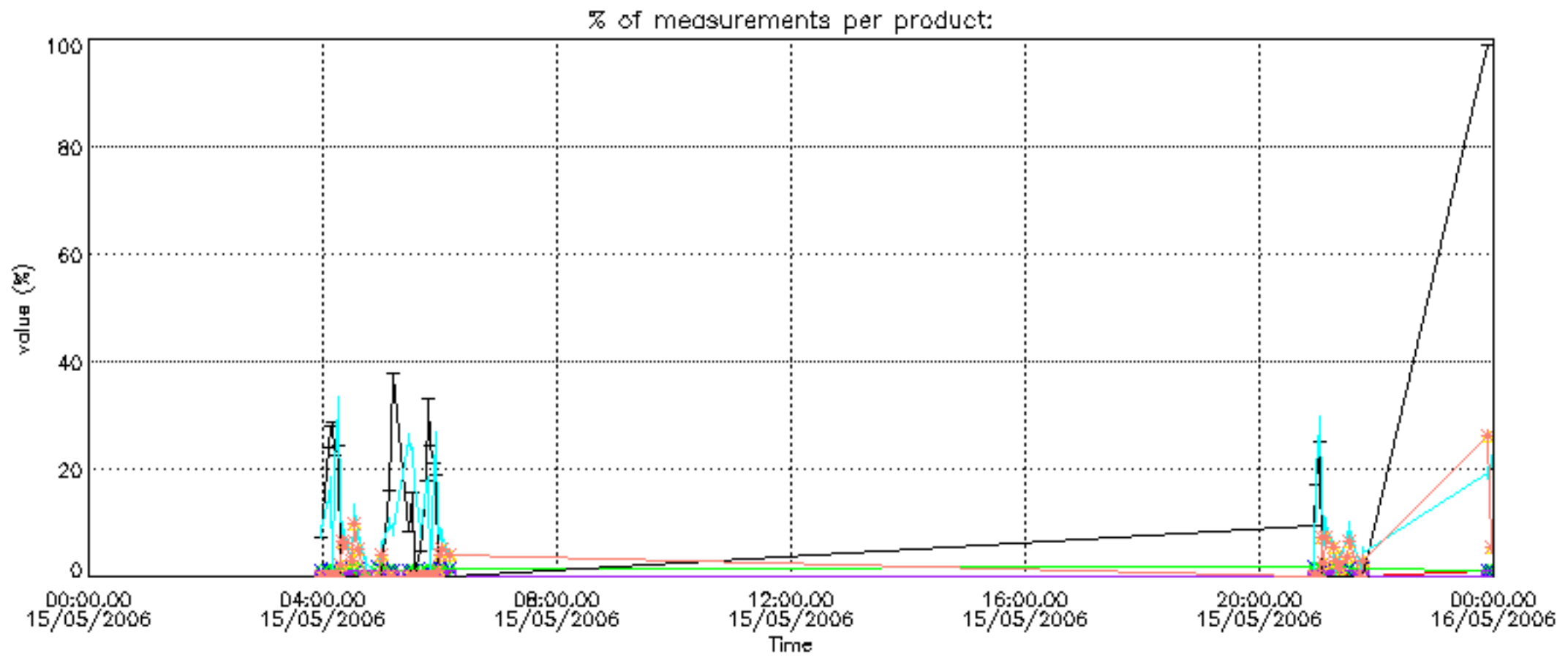
The number reported in the third column indicates since which file (see list in section 2.2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

| Type                      | Auxiliary Filename   | Used since product | Used since product date |
|---------------------------|--|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20030716_105425_20030716_120000_20100101_000000  | 1                  | 15-MAY-2006 03:58:24    |
| CALIBRATION_DATABASE      | GOM_CAL_AXVIEC20060512_140139_20060510_000000_20100101_000000  | 1                  | 15-MAY-2006 03:58:24    |
| LEVEL-1B_PROC_CONFIG      | GOM_PR1_AXVIEC20040401_083133_20020324_200000_20100101_000000  | 1                  | 15-MAY-2006 03:58:24    |
| STAR_CATALOGUE            | GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000  | 1                  | 15-MAY-2006 03:58:24    |
| STELLAR_SPECTRA_DATABANK  | GOM_STS_AXVIEC20020121_165822_20020101_000000_20200101_000000  | 1                  | 15-MAY-2006 03:58:24    |
| ECMWF_FILE                | AUX_ECF_AXNECM20060514_182657_20060515_030000_20060515_150000  | 1                  | 15-MAY-2006 03:58:24    |
| ECMWF_FILE                | AUX_ECA_AXNECM20060515_060712_20060514_210000_20060515_090000  | 14                 | 15-MAY-2006 04:55:43    |
| ECMWF_FILE                | AUX_ECA_AXNECM20060515_180419_20060515_030000_20060515_150000  | 27                 | 15-MAY-2006 05:58:48    |
| ECMWF_FILE                | AUX_ECF_AXNECM20060515_062654_20060515_150000_20060516_030000  | 31                 | 15-MAY-2006 20:54:16    |
| ECMWF_FILE                | AUX_ECF_AXNECM20060515_063652_20060515_210000_20060516_090000  | 45                 | 15-MAY-2006 23:54:20    |
| OPTIONAL_ECMWF_FILE       | NOT USED   | 1                  | 15-MAY-2006 03:58:24    |
| ORBIT_DATA_FILE           | DOR_NAV_OPNPDE20060515_015549_000041442047_00389_21986_0500.N1 | 1                  | 15-MAY-2006 03:58:24    |
| ORBIT_DATA_FILE           | DOR_NAV_OPNPDE20060515_031012_000057382047_00390_21987_0501.N1 | 14                 | 15-MAY-2006 04:55:43    |
| ORBIT_DATA_FILE           | DOR_NAV_OPNPDE20060515_045109_000057382047_00391_21988_0503.N1 | 27                 | 15-MAY-2006 05:58:48    |
| ORBIT_DATA_FILE           | AUX_FPO_AXVPDS20060514_224704_20060514_193007_20060524_205621  | 31                 | 15-MAY-2006 20:54:16    |
| ORBIT_DATA_FILE           | DOR_NAV_OPNPDE20060515_234251_000057382047_00402_21999_0506.N1 | 45                 | 15-MAY-2006 23:54:20    |

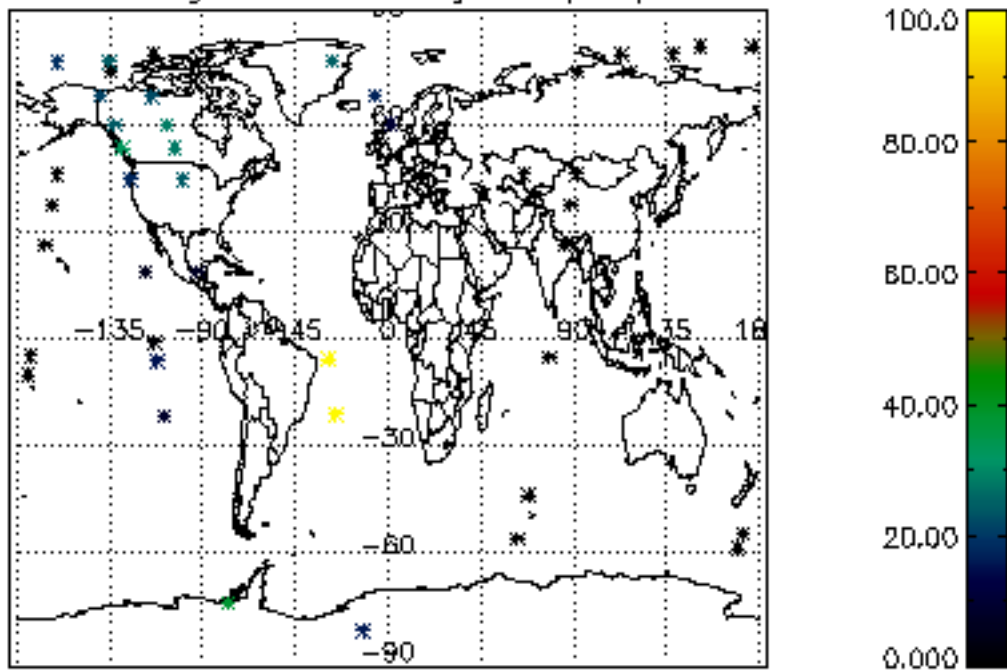




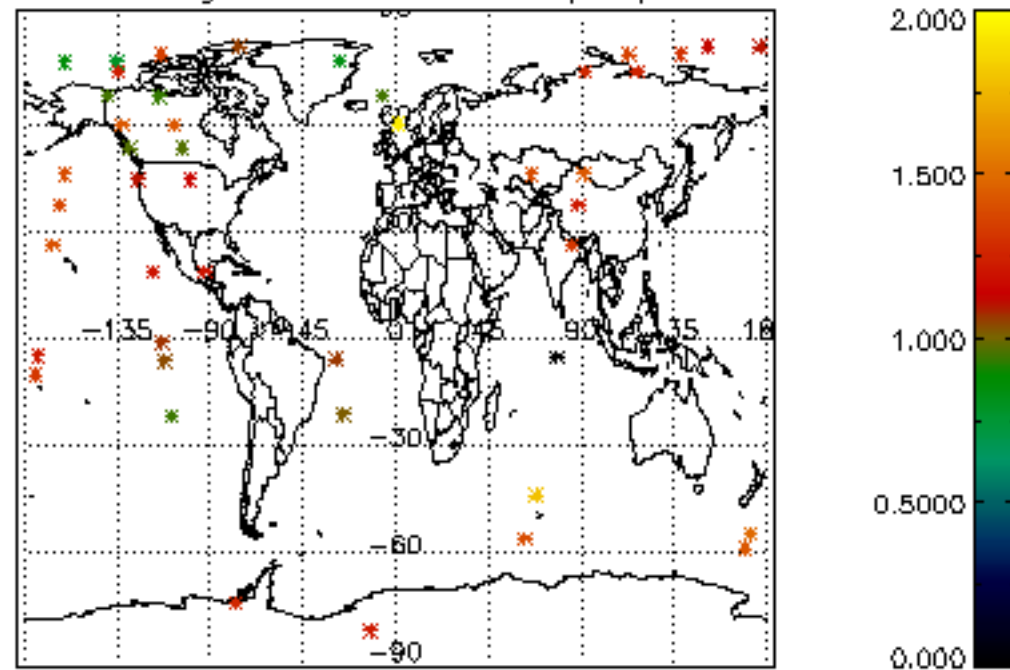




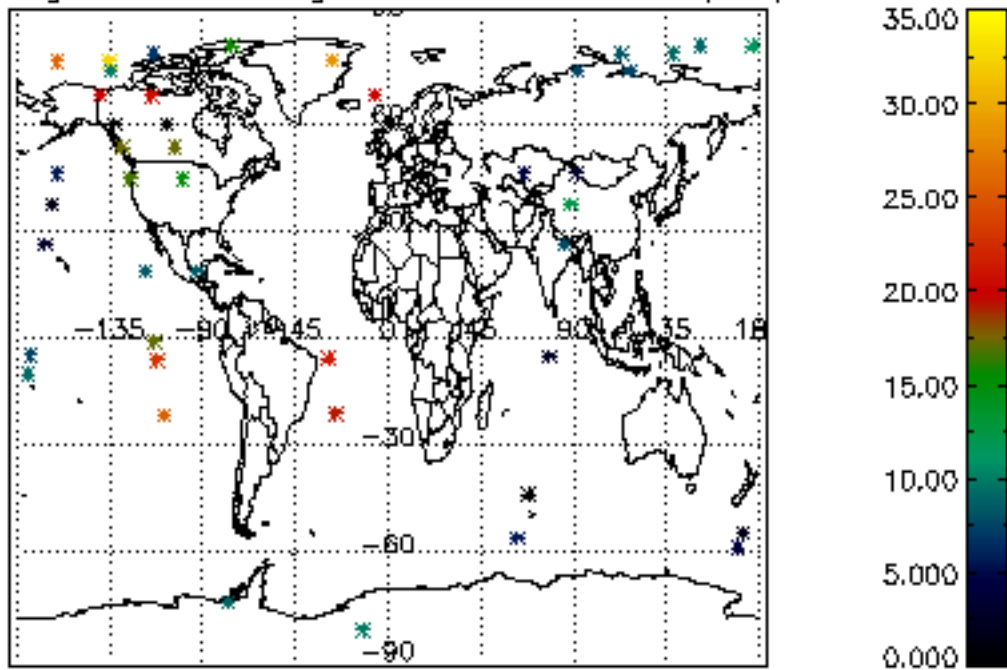
Percentage of cosmic ray hits per profile



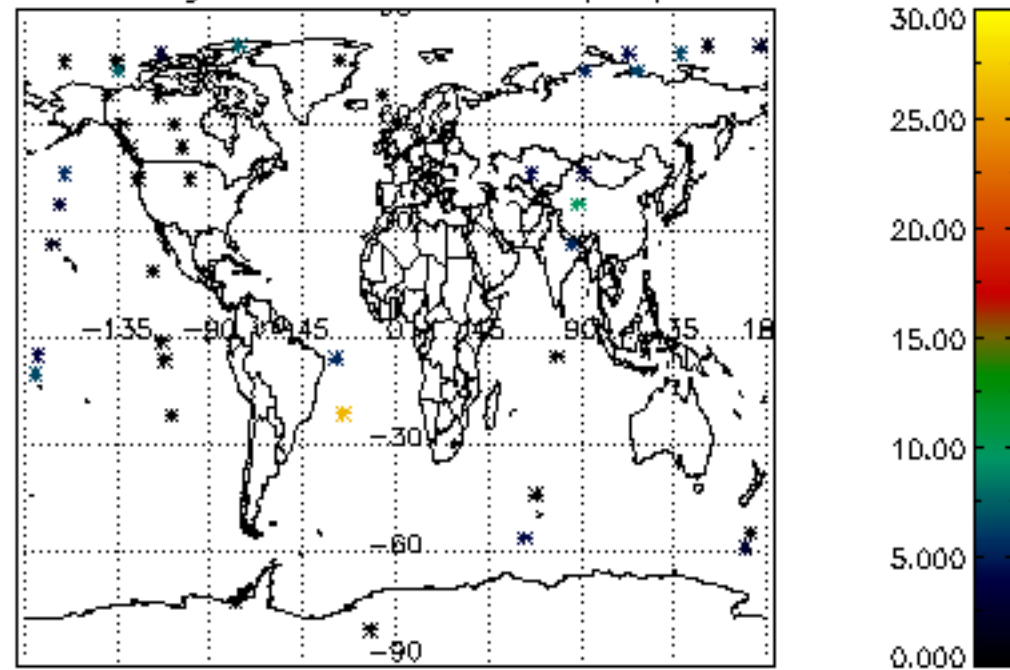
Percentage of datation errors per profile



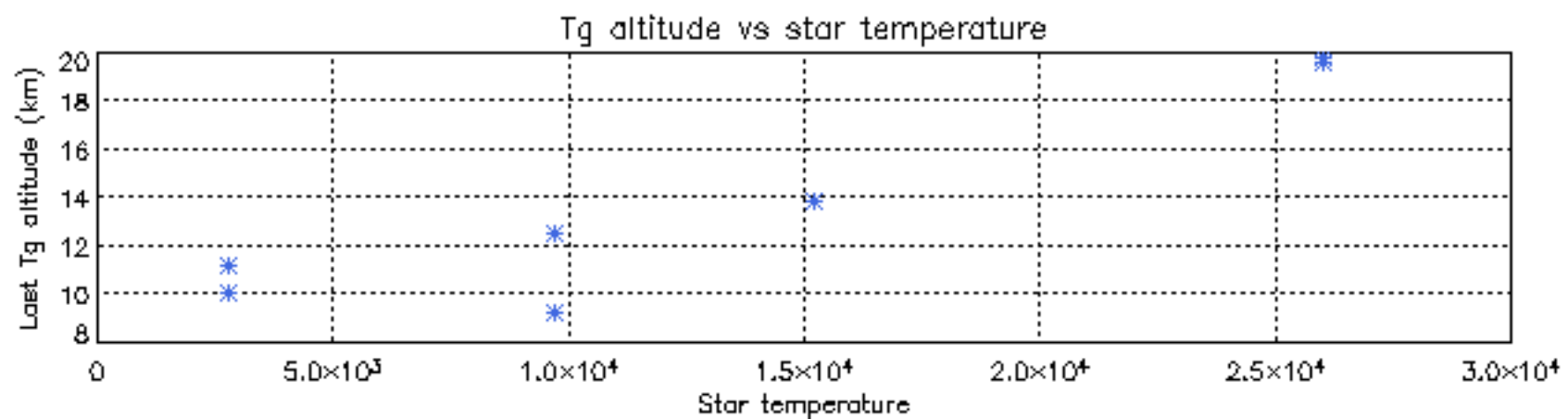
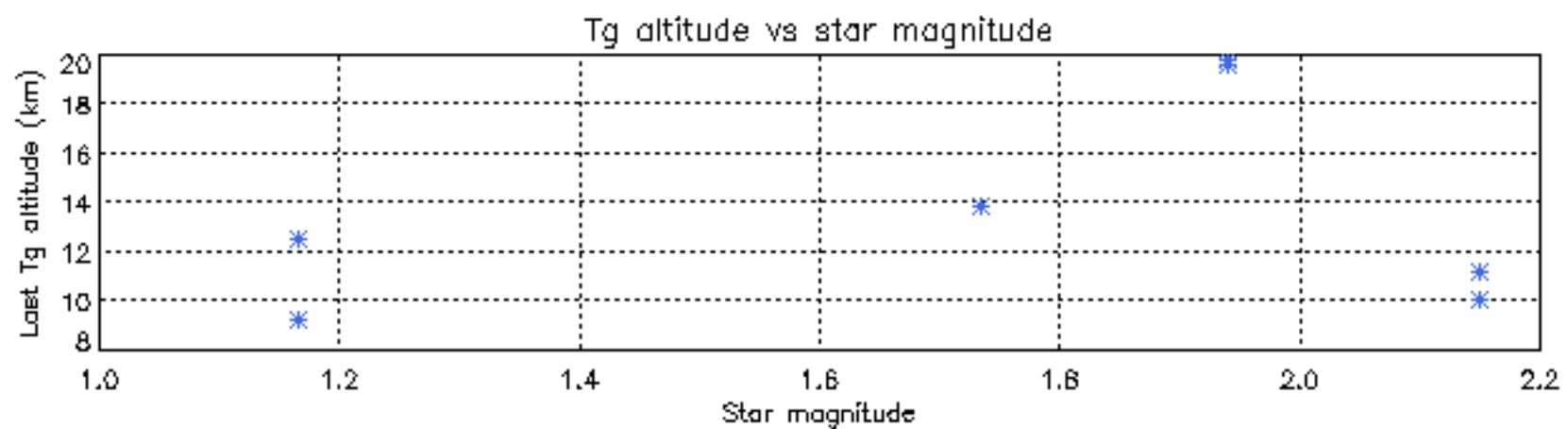
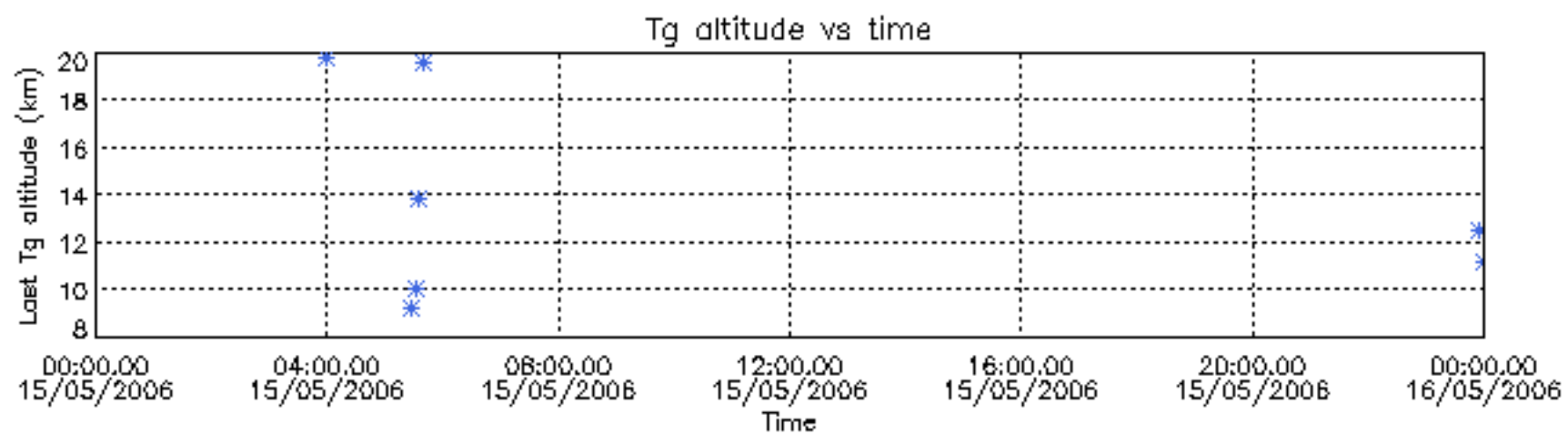
Percentage of star falling outside central band per profile



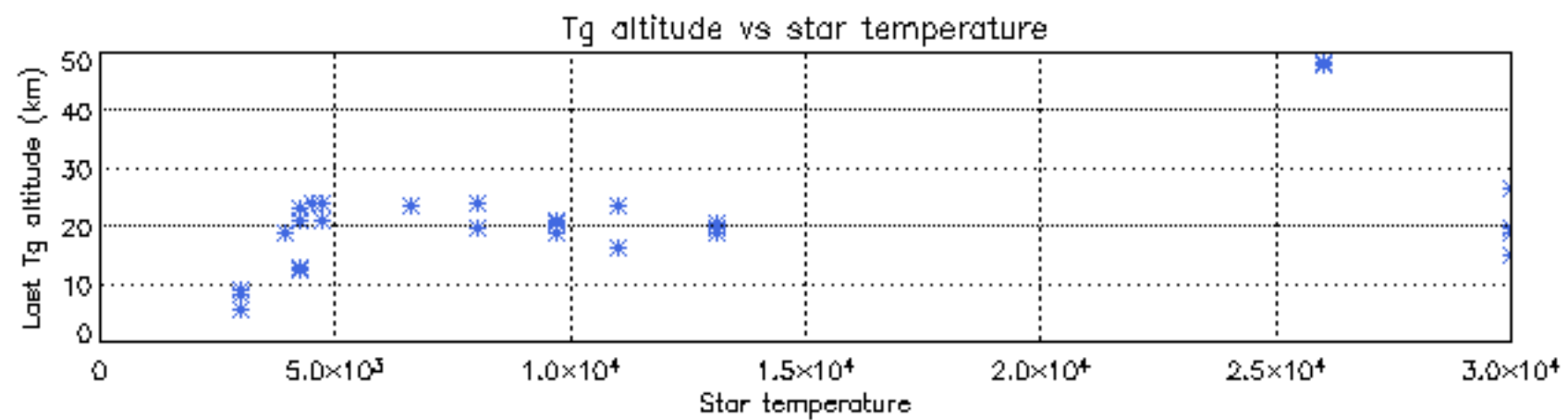
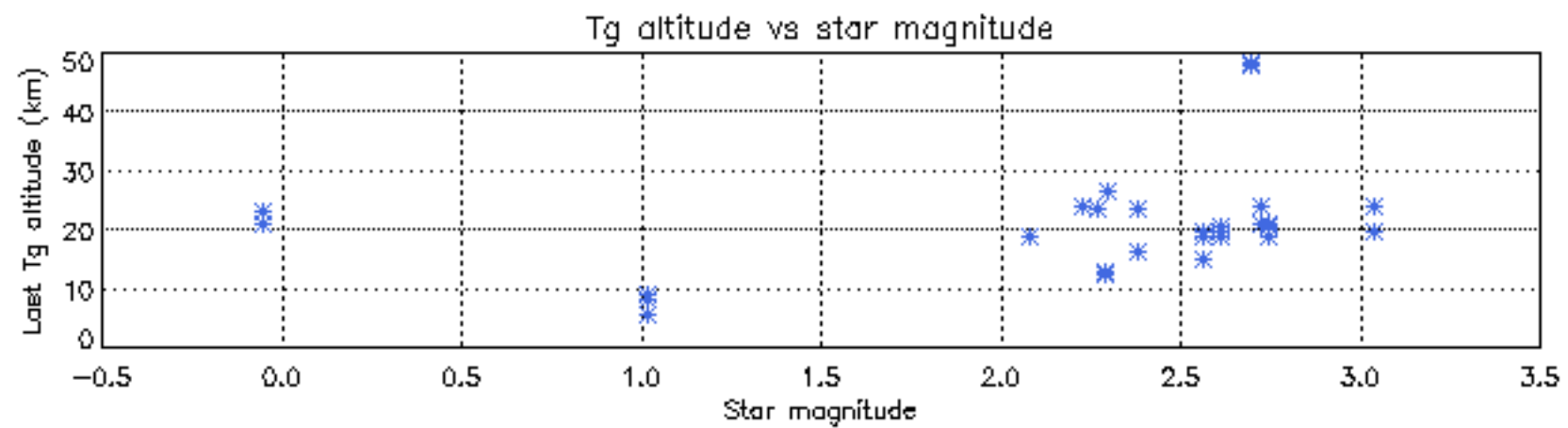
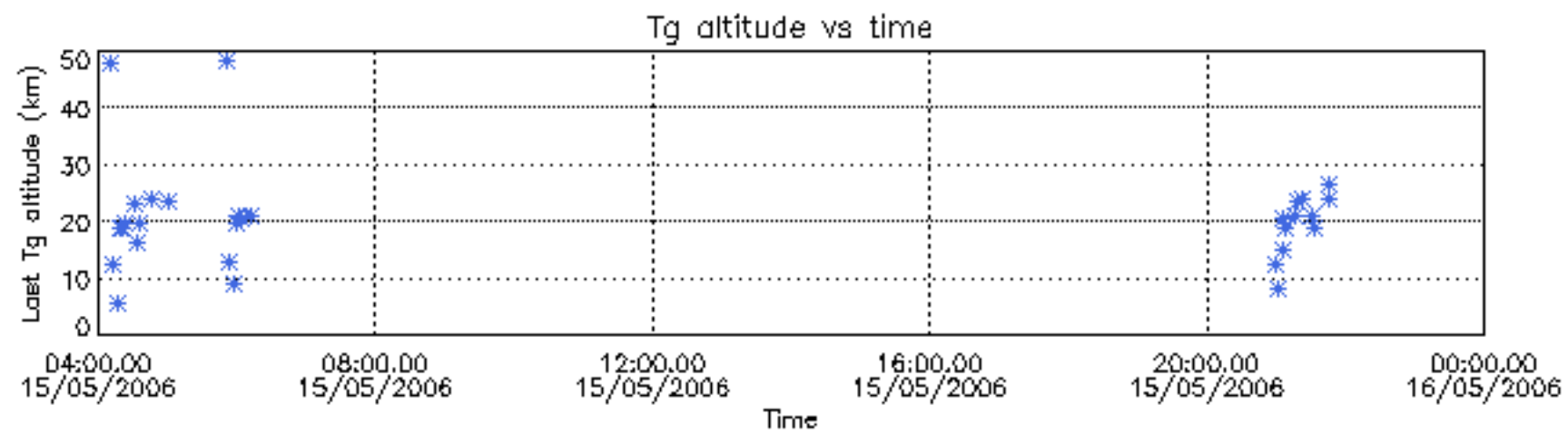
Percentage of saturation errors per profile



Tangent altitude at which the star is lost

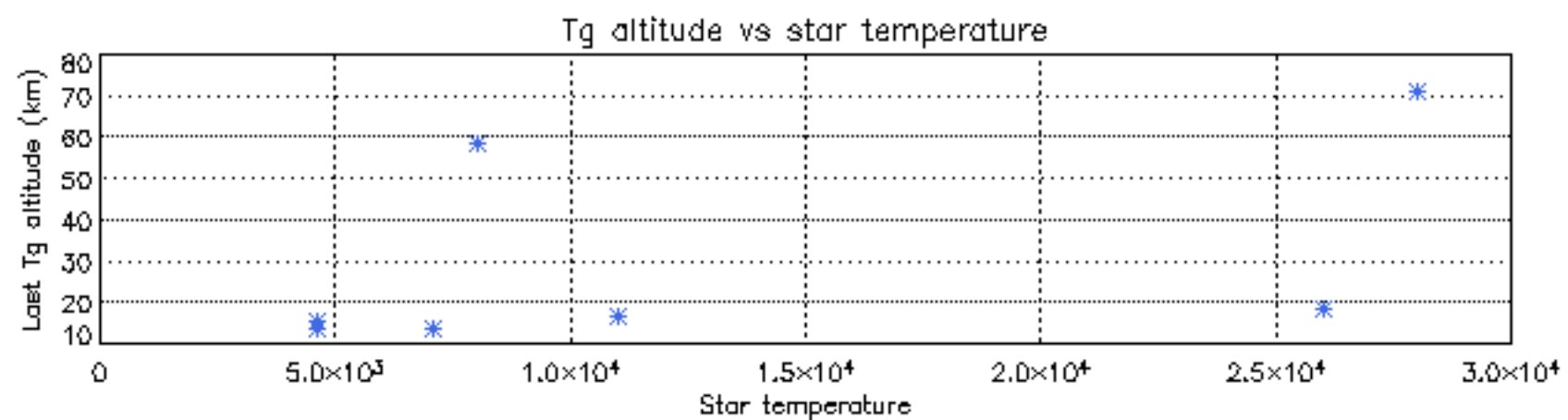
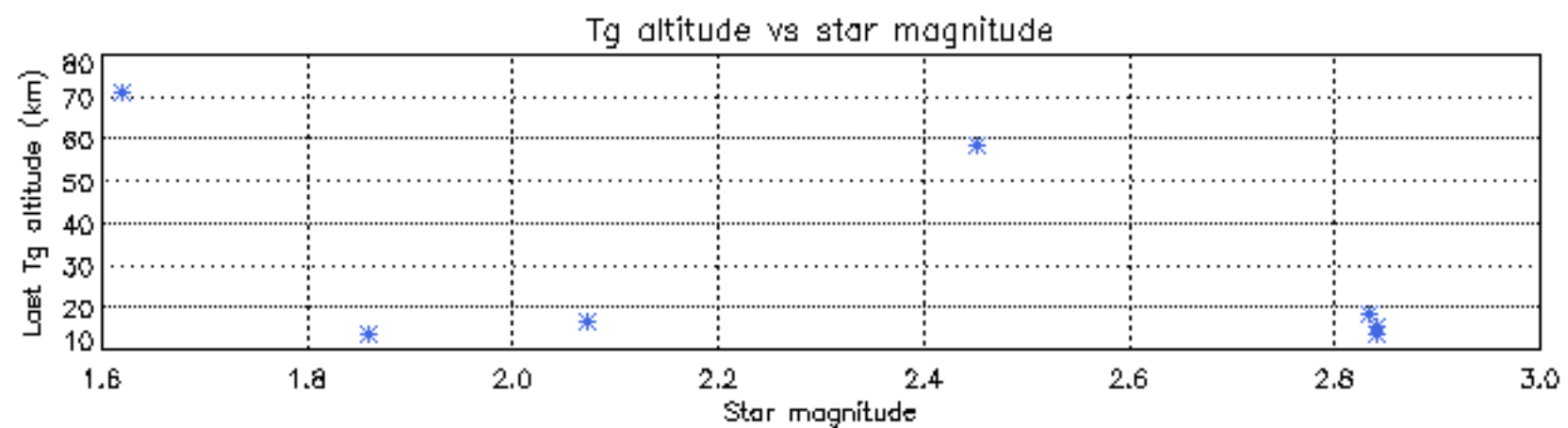
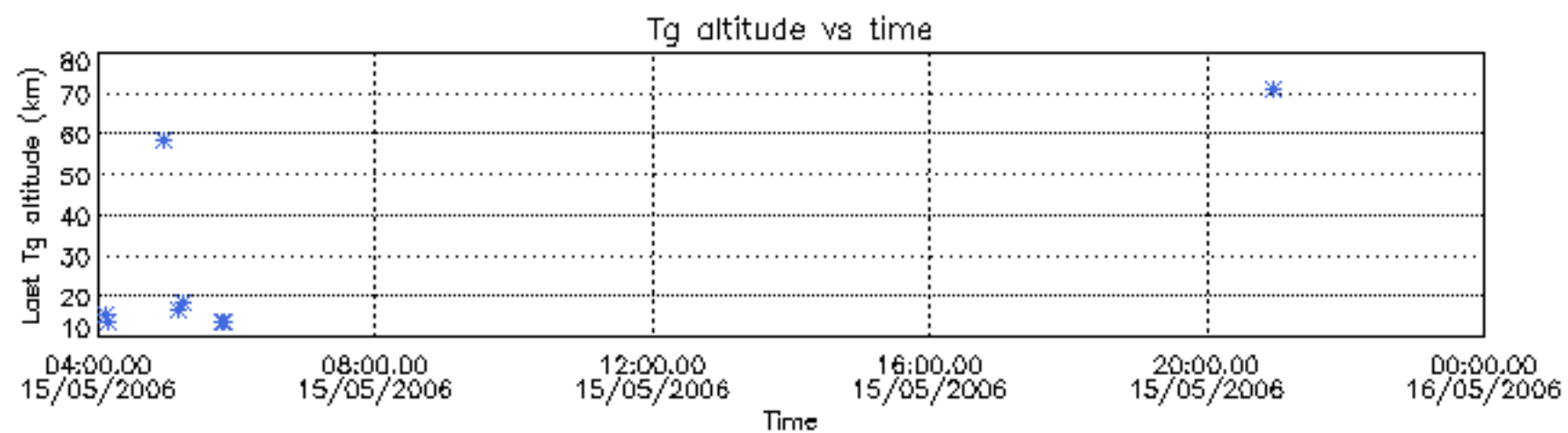


Tangent altitude at which the star is lost





Tangent altitude at which the star is lost



/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20060501\_010354\_000039712047\_00188\_21785\_0383.N1

1; -495.1; 01-MAY-2006 01:03:54; Dark ; 44.5; 18; 24Alp PsA ; 1.17; 9700;occ; 89; 0;21785  
 2; -368.8; 01-MAY-2006 01:06:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21785  
 3; -149.2; 01-MAY-2006 01:09:40; Dark ; 40.0; 31; Alp Gru ; 1.73; 15200;occ; 80; 0;21785  
 4; 8.5; 01-MAY-2006 01:12:18; Dark ; 41.5; 148; Alp Tuc ; 2.88; 4100;occ; 83; 0;21786  
 5; 179.4; 01-MAY-2006 01:15:08; Dark ; 28.0; 45; Alp Pav ; 1.94; 26000;occ; 56; 0;21786  
 6; 576.1; 01-MAY-2006 01:21:45; Dark ; 45.5; 43; Alp TrA ; 1.91; 4250;occ; 91; 0;21786  
 7; 707.9; 01-MAY-2006 01:23:57; Dark ; 38.0; 134; Bet TrA ; 2.81; 6600;occ; 76; 0;21786  
 8; 831.6; 01-MAY-2006 01:26:01; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;21786  
 9; 1036.7; 01-MAY-2006 01:29:26; Dark ; 38.5; 78; Alp Lup ; 2.30; 28000;occ; 77; 0;21786  
 10; 1129.2; 01-MAY-2006 01:30:58; Dark ; 41.5; 81; Eta Cen ; 2.36; 28000;occ; 83; 0;21786  
 11; 1254.8; 01-MAY-2006 01:33:04; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;21786  
 12; 1512.0; 01-MAY-2006 01:37:21; Dark ; 48.0; 169; 46Gam Hya ; 2.99; 4700;occ; 96; 0;21786  
 13; 1711.5; 01-MAY-2006 01:40:41; Bright; 38.5; 15; 67Alp Vir ; 0.98; 28000;occ; 77; 0;21786  
 14; 1895.8; 01-MAY-2006 01:43:45; Bright; 35.5; 121; 29Gam Vir ; 2.74; 7200;occ; 71; 0;21786  
 15; 2095.0; 01-MAY-2006 01:47:04; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;21786  
 16; 2559.3; 01-MAY-2006 01:54:48; Bright; 34.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 69; 0;21786  
 17; 2832.2; 01-MAY-2006 01:59:21; Bright; 35.0; 87; 64Gam UMa ; 2.43; 11000;occ; 70; 0;21786  
 18; 2916.2; 01-MAY-2006 02:00:45; Bright; 33.0; 82; 48Bet UMa ; 2.37; 10600;occ; 66; 0;21786  
 19; 2995.2; 01-MAY-2006 02:02:04; Bright; 37.0; 36; 50Alp UMa ; 1.80; 6300;occ; 74; 0;21786  
 20; 3444.2; 01-MAY-2006 02:09:33; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;21786

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 2; -2036.1; 01-MAY-2006 02:18:49; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;21786  
 3; -494.5; 01-MAY-2006 02:44:30; Dark ; 44.0; 18; 24Alp PsA ; 1.17; 9700;occ; 88; 0;21786  
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 5; -148.8; 01-MAY-2006 02:50:16; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;21786  
 6; 8.8; 01-MAY-2006 02:52:54; Dark ; 38.0; 148; Alp Tuc ; 2.88; 4100;occ; 76; 0;21787  
 7; 180.1; 01-MAY-2006 02:55:45; Dark ; 28.0; 45; Alp Pav ; 1.94; 26000;occ; 56; 0;21787  
 8; 576.6; 01-MAY-2006 03:02:22; Dark ; 40.5; 43; Alp TrA ; 1.91; 4250;occ; 81; 0;21787  
 9; 708.3; 01-MAY-2006 03:04:33; Dark ; 40.5; 134; Bet TrA ; 2.81; 6600;occ; 81; 0;21787  
 10; 831.9; 01-MAY-2006 03:06:37; Dark ; 51.0; 4; Alp1Cen ; -0.01; 5800;occ; 102; 0;21787  
 11; 1037.1; 01-MAY-2006 03:10:02; Dark ; 40.0; 78; Alp Lup ; 2.30; 28000;occ; 80; 0;21787  
 12; 1129.8; 01-MAY-2006 03:11:35; Dark ; 39.5; 81; Eta Cen ; 2.36; 28000;occ; 79; 0;21787  
 13; 1255.1; 01-MAY-2006 03:13:40; Dark ; 43.0; 54; 5The Cen ; 2.06; 4500;occ; 86; 0;21787  
 14; 1512.2; 01-MAY-2006 03:17:57; Dark ; 43.0; 169; 46Gam Hya ; 2.99; 4700;occ; 86; 0;21787  
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 16; 1896.2; 01-MAY-2006 03:24:21; Bright; 35.5; 121; 29Gam Vir ; 2.74; 7200;occ; 71; 0;21787  
 17; 2095.2; 01-MAY-2006 03:27:40; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;21787  
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 19; 2832.4; 01-MAY-2006 03:39:57; Bright; 35.0; 87; 64Gam UMa ; 2.43; 11000;occ; 70; 0;21787  
 20; 2916.4; 01-MAY-2006 03:41:21; Bright; 34.5; 82; 48Bet UMa ; 2.37; 10600;occ; 69; 0;21787  
 21; 2995.5; 01-MAY-2006 03:42:40; Bright; 36.5; 36; 50Alp UMa ; 1.80; 6300;occ; 73; 0;21787  
 22; 3444.3; 01-MAY-2006 03:50:09; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;21787

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 2; -2035.9; 01-MAY-2006 03:59:25; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;21787  
 3; -494.0; 01-MAY-2006 04:25:07; Dark ; 42.5; 18; 24Alp PsA ; 1.17; 9700;occ; 85; 0;21787  
 4; -367.6; 01-MAY-2006 04:27:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21787  
 5; -148.1; 01-MAY-2006 04:30:53; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;21787  
 6; 9.2; 01-MAY-2006 04:33:30; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;21788  
 7; 576.9; 01-MAY-2006 04:42:58; Dark ; 41.5; 43; Alp TrA ; 1.91; 4250;occ; 83; 0;21788  
 8; 708.7; 01-MAY-2006 04:45:10; Dark ; 39.0; 134; Bet TrA ; 2.81; 6600;occ; 78; 0;21788  
 9; 832.2; 01-MAY-2006 04:47:13; Dark ; 49.0; 4; Alp1Cen ; -0.01; 5800;occ; 98; 0;21788  
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 11; 1130.0; 01-MAY-2006 04:52:11; Dark ; 42.5; 81; Eta Cen ; 2.36; 28000;occ; 85; 0;21788  
 12; 1255.4; 01-MAY-2006 04:54:16; Dark ; 45.0; 54; 5The Cen ; 2.06; 4500;occ; 90; 0;21788  
 13; 1512.5; 01-MAY-2006 04:58:33; Dark ; 43.5; 169; 46Gam Hya ; 2.99; 4700;occ; 87; 0;21788  
 14; 1711.9; 01-MAY-2006 05:01:53; Bright; 39.0; 15; 67Alp Vir ; 0.98; 28000;occ; 78; 0;21788  
 15; 1896.2; 01-MAY-2006 05:04:57; Bright; 35.5; 121; 29Gam Vir ; 2.74; 7200;occ; 71; 0;21788  
 16; 2095.2; 01-MAY-2006 05:08:16; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;21788  
 17; 2559.2; 01-MAY-2006 05:16:00; Bright; 34.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 68; 0;21788  
 18; 2832.7; 01-MAY-2006 05:20:34; Bright; 33.5; 87; 64Gam UMa ; 2.43; 11000;occ; 67; 0;21788  
 19; 2916.7; 01-MAY-2006 05:21:58; Bright; 36.5; 82; 48Bet UMa ; 2.37; 10600;occ; 73; 0;21788  
 20; 2995.7; 01-MAY-2006 05:23:17; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;21788  
 21; 3444.3; 01-MAY-2006 05:30:45; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;21788

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3; -493.6; 01-MAY-2006 06:05:43; Dark ; 44.0; 18; 24Alp PsA ; 1.17; 9700;occ; 88; 0;21788
4; -367.0; 01-MAY-2006 06:07:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21788
5; -147.6; 01-MAY-2006 06:11:29; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;21788
6; 9.5; 01-MAY-2006 06:14:07; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;21789
7; 577.2; 01-MAY-2006 06:23:34; Dark ; 41.5; 43; Alp TrA ; 1.91; 4250;occ; 83; 0;21789
8; 708.9; 01-MAY-2006 06:25:46; Dark ; 39.0; 134; Bet TrA ; 2.81; 6600;occ; 78; 0;21789
9; 832.5; 01-MAY-2006 06:27:50; Dark ; 43.5; 4; Alp1Cen ; -0.01; 5800;occ; 87; 0;21789
10; 1037.7; 01-MAY-2006 06:31:15; Dark ; 39.5; 78; Alp Lup ; 2.30; 28000;occ; 79; 0;21789
11; 1130.2; 01-MAY-2006 06:32:47; Dark ; 39.5; 81; Eta Cen ; 2.36; 28000;occ; 79; 0;21789
12; 1255.6; 01-MAY-2006 06:34:53; Dark ; 45.5; 54; 5The Cen ; 2.06; 4500;occ; 91; 0;21789
13; 1512.6; 01-MAY-2006 06:39:10; Dark ; 40.5; 169; 46Gam Hya ; 2.99; 4700;occ; 81; 0;21789
14; 1711.8; 01-MAY-2006 06:42:29; Bright; 38.5; 15; 67Alp Vir ; 0.98; 28000;occ; 77; 0;21789
15; 1896.4; 01-MAY-2006 06:45:33; Bright; 36.0; 121; 29Gam Vir ; 2.74; 7200;occ; 72; 0;21789
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17; 2559.3; 01-MAY-2006 06:56:36; Bright; 35.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 71; 0;21789
18; 2832.7; 01-MAY-2006 07:01:10; Bright; 34.0; 87; 64Gam UMA ; 2.43; 11000;occ; 68; 0;21789
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20; 2996.0; 01-MAY-2006 07:03:53; Bright; 34.5; 36; 50Alp UMA ; 1.80; 6300;occ; 69; 0;21789
21; 3444.3; 01-MAY-2006 07:11:21; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;21789
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2; 1133.2; 01-MAY-2006 19:57:37; Dark ; 41.5; 81; Eta Cen ; 2.36; 28000;occ; 83; 0;21797
3; 1258.1; 01-MAY-2006 19:59:42; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;21797
4; 1514.3; 01-MAY-2006 20:03:58; Bright; 37.5; 169; 46Gam Hya ; 2.99; 4700;occ; 75; 0;21797
5; 1713.4; 01-MAY-2006 20:07:17; Bright; 38.5; 15; 67Alp Vir ; 0.98; 28000;occ; 77; 0;21797
6; 1898.1; 01-MAY-2006 20:10:22; Bright; 35.0; 121; 29Gam Vir ; 2.74; 7200;occ; 70; 0;21797
7; 2096.5; 01-MAY-2006 20:13:40; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;21797
8; 2559.8; 01-MAY-2006 20:21:24; Bright; 34.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 69; 0;21797
9; 2834.4; 01-MAY-2006 20:25:58; Bright; 35.0; 87; 64Gam UMA ; 2.43; 11000;occ; 70; 0;21797
10; 2919.7; 01-MAY-2006 20:27:24; Bright; 34.5; 82; 48Bet UMA ; 2.37; 10600;occ; 69; 0;21797
11; 2998.3; 01-MAY-2006 20:28:42; Bright; 36.5; 36; 50Alp UMA ; 1.80; 6300;occ; 73; 0;21797
12; 3444.8; 01-MAY-2006 20:36:09; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;21797
13; 3919.8; 01-MAY-2006 20:44:04; Bright; 52.0; 110; 37Del Cas ; 2.68; 8900;occ; 104; 0;21797
14; 4001.4; 01-MAY-2006 20:45:25; Bright; 33.0; 68; 18Alp Cas ; 2.22; 4500;occ; 66; 0;21797
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4; 12.7; 01-MAY-2006 21:19:33; Dark ; 38.0; 148; Alp Tuc ; 2.88; 4100;occ; 76; 0;21798
5; 580.3; 01-MAY-2006 21:29:01; Dark ; 40.5; 43; Alp TrA ; 1.91; 4250;occ; 81; 0;21798
6; 712.2; 01-MAY-2006 21:31:13; Dark ; 38.0; 134; Bet TrA ; 2.81; 6600;occ; 76; 0;21798
7; 834.7; 01-MAY-2006 21:33:15; Dark ; 49.5; 4; Alp1Cen ; -0.01; 5800;occ; 99; 0;21798
8; 1040.4; 01-MAY-2006 21:36:41; Dark ; 39.5; 78; Alp Lup ; 2.30; 28000;occ; 79; 0;21798
9; 1132.8; 01-MAY-2006 21:38:13; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;21798
10; 1257.6; 01-MAY-2006 21:40:18; Dark ; 45.0; 54; 5The Cen ; 2.06; 4500;occ; 90; 0;21798
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12; 1712.7; 01-MAY-2006 21:47:53; Bright; 39.0; 15; 67Alp Vir ; 0.98; 28000;occ; 78; 0;21798
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15; 2559.2; 01-MAY-2006 22:02:00; Bright; 34.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 69; 0;21798
16; 2833.9; 01-MAY-2006 22:06:34; Bright; 34.5; 87; 64Gam UMA ; 2.43; 11000;occ; 69; 0;21798
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19; 3444.4; 01-MAY-2006 22:16:45; Bright; 32.0; 49; 1Alp UMi ; 1.99; 6300;occ; 64; 0;21798
20; 3919.0; 01-MAY-2006 22:24:39; Bright; 52.0; 110; 37Del Cas ; 2.68; 8900;occ; 104; 0;21798
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3; 5893.9; 01-MAY-2006 22:57:34; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;21798
4; 6048.9; 01-MAY-2006 23:00:09; Dark ; 44.5; 148; Alp Tuc ; 2.88; 4100;occ; 89; 0;21798
5; 6616.5; 01-MAY-2006 23:09:37; Dark ; 43.0; 43; Alp TrA ; 1.91; 4250;occ; 86; 0;21798
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9; 7169.0; 01-MAY-2006 23:18:49; Dark ; 38.5; 81; Eta Cen ; 2.36; 28000;occ; 77; 0;21798
10; 7293.7; 01-MAY-2006 23:20:54; Dark ; 47.0; 54; 5The Cen ; 2.06; 4500;occ; 94; 0;21798

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11; 7549.8; 01-MAY-2006 23:25:10; Bright; 38.5; 169; 46Gam Hya ; 2.99; 4700;occ; 77; 0;21798
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12; 1255.9; 01-MAY-2006 08:15:29; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;21790
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12; -365.2; 01-MAY-2006 11:09:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21791
13; -145.9; 01-MAY-2006 11:13:19; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;21791
14; 10.5; 01-MAY-2006 11:15:55; Dark ; 45.5; 148; Alp Tuc ; 2.88; 4100;occ; 91; 0;21792
15; 578.2; 01-MAY-2006 11:25:23; Dark ; 38.5; 43; Alp TrA ; 1.91; 4250;occ; 77; 0;21792
16; 710.0; 01-MAY-2006 11:27:35; Dark ; 38.0; 134; Bet TrA ; 2.81; 6600;occ; 76; 0;21792
17; 833.4; 01-MAY-2006 11:29:38; Dark ; 38.0; 4; Alp1Cen ; -0.01; 5800;occ; 76; 0;21792
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19; 1131.1; 01-MAY-2006 11:34:36; Dark ; 40.5; 81; Eta Cen ; 2.36; 28000;occ; 81; 0;21792
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19; 1131.4; 01-MAY-2006 13:15:12; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;21793
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4;-3939.8; 01-MAY-2006 13:31:16; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;21793
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6;-3202.0; 01-MAY-2006 13:43:34; Bright; 36.0; 87; 64Gam UMA ; 2.43; 11000;occ; 72; 0;21793
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16; 584.4; 02-MAY-2006 15:55:40; Dark ; 41.0; 43; Alp TrA ; 1.91; 4250;occ; 82; 0;21809
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17; 22.8; 03-MAY-2006 18:35:54; Dark ; 37.5; 148; Alp Tuc ; 2.88; 4100;occ; 75; 0;21825

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13; -2112.3; 03-MAY-2006 19:40:54; Bright; 31.5; 110; 37Del Cas ; 2.68; 8900;occ; 63; 0;21825
14; -2032.2; 03-MAY-2006 19:42:14; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;21825
15; -474.6; 03-MAY-2006 20:08:12; Dark ; 44.5; 18; 24Alp PsA ; 1.17; 9700;occ; 89; 0;21825
16; -302.6; 03-MAY-2006 20:11:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21825
17; -126.2; 03-MAY-2006 20:14:01; Dark ; 38.5; 31; Alp Gru ; 1.73; 15200;occ; 77; 0;21825
18; 23.2; 03-MAY-2006 20:16:30; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;21826
19; 590.4; 03-MAY-2006 20:25:57; Dark ; 41.0; 43; Alp TrA ; 1.91; 4250;occ; 82; 0;21826
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14; 8595.4; 04-MAY-2006 00:19:58; Bright; 37.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 74; 0;21827
15; 8875.1; 04-MAY-2006 00:24:38; Bright; 36.0; 87; 64Gam UMA ; 2.43; 11000;occ; 72; 0;21827
16; 8964.7; 04-MAY-2006 00:26:07; Bright; 33.0; 82; 48Bet UMA ; 2.37; 10600;occ; 66; 0;21827
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5; 591.4; 04-MAY-2006 01:27:46; Dark ; 40.5; 43; Alp TrA ; 1.91; 4250;occ; 81; 0;21829
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11; 1143.4; 04-MAY-2006 06:38:45; Dark ; 40.5; 81; Eta Cen ; 2.36; 28000;occ; 81; 0;21832
12; 1266.4; 04-MAY-2006 06:40:48; Dark ; 39.5; 54; 5The Cen ; 2.06; 4500;occ; 79; 0;21832
13; 1520.3; 04-MAY-2006 06:45:02; Bright; 38.0; 169; 46Gam Hya ; 2.99; 4700;occ; 76; 0;21832
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16; 2099.6; 04-MAY-2006 06:54:41; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;21832
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18; 2845.4; 04-MAY-2006 07:07:07; Bright; 35.5; 55; 79Zet UMA ; 2.06; 10200;occ; 71; 0;21832
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6; -122.2; 04-MAY-2006 07:58:16; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;21832
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5; -300.2; 08-MAY-2006 05:48:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21888  
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7; -87.1; 08-MAY-2006 05:52:23; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;21888  
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 22; 6897.3; 09-MAY-2006 13:59:34; Dark ; 39.5; 4; Alp1Cen ; -0.01; 5800;occ; 79; 0;21907  
 23; 7108.0; 09-MAY-2006 14:03:05; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;21907  
 24; 7199.1; 09-MAY-2006 14:04:36; Dark ; 37.0; 81; Eta Cen ; 2.36; 28000;occ; 74; 0;21907  
 25; 7318.2; 09-MAY-2006 14:06:35; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;21907

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 3; -3814.3; 09-MAY-2006 14:22:14; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;21908  
 4; -3469.9; 09-MAY-2006 14:27:58; Bright; 34.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 69; 0;21908  
 5; -3284.9; 09-MAY-2006 14:31:03; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;21908  
 6; -3195.2; 09-MAY-2006 14:32:33; Bright; 36.0; 55; 79Zet UMa ; 2.06; 10200;occ; 72; 0;21908  
 7; -2839.0; 09-MAY-2006 14:38:29; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;21908  
 8; -2590.3; 09-MAY-2006 14:42:38; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;21908  
 9; -2101.1; 09-MAY-2006 14:50:47; Bright; 32.5; 76; 27Gam Cas ; 2.30; 30000;occ; 65; 0;21908  
 10; -2026.5; 09-MAY-2006 14:52:02; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;21908  
 11; -1536.3; 09-MAY-2006 15:00:12; Bright; 39.0; 58; 21Alp And ; 2.07; 11000;occ; 78; 0;21908  
 12; -1297.0; 09-MAY-2006 15:04:11; Dark ; 40.0; 140; 88Gam Peg ; 2.83; 26000;occ; 80; 0;21908  
 13; -772.5; 09-MAY-2006 15:12:56; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;21908  
 14; -424.1; 09-MAY-2006 15:18:44; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;21908  
 15; -275.3; 09-MAY-2006 15:21:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21908  
 16; -150.7; 09-MAY-2006 15:23:18; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;21908  
 17; -73.2; 09-MAY-2006 15:24:35; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;21908  
 18; 262.2; 09-MAY-2006 15:30:11; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;21909  
 19; 618.9; 09-MAY-2006 15:36:07; Dark ; 39.5; 43; Alp TrA ; 1.91; 4250;occ; 79; 0;21909  
 20; 750.7; 09-MAY-2006 15:38:19; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;21909  
 21; 862.2; 09-MAY-2006 15:40:11; Dark ; 41.5; 4; Alp1Cen ; -0.01; 5800;occ; 83; 0;21909  
 22; 1073.0; 09-MAY-2006 15:43:41; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;21909  
 23; 1164.1; 09-MAY-2006 15:45:12; Dark ; 39.5; 81; Eta Cen ; 2.36; 28000;occ; 79; 0;21909  
 24; 1283.1; 09-MAY-2006 15:47:11; Dark ; 44.0; 54; 5The Cen ; 2.06; 4500;occ; 88; 0;21909

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 3; -3926.4; 09-MAY-2006 16:00:59; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;21909  
 4; -3814.8; 09-MAY-2006 16:02:50; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;21909  
 5; -3470.4; 09-MAY-2006 16:08:35; Bright; 34.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 68; 0;21909  
 6; -3285.8; 09-MAY-2006 16:11:39; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;21909  
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 9; -2591.0; 09-MAY-2006 16:23:14; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;21909  
 10; -2101.8; 09-MAY-2006 16:31:23; Bright; 33.0; 76; 27Gam Cas ; 2.30; 30000;occ; 66; 0;21909  
 11; -2027.1; 09-MAY-2006 16:32:38; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;21909  
 12; -1536.8; 09-MAY-2006 16:40:48; Bright; 37.5; 58; 21Alp And ; 2.07; 11000;occ; 75; 0;21909  
 13; -1297.4; 09-MAY-2006 16:44:48; Dark ; 39.5; 140; 88Gam Peg ; 2.83; 26000;occ; 79; 0;21909  
 14; -773.2; 09-MAY-2006 16:53:32; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;21909  
 15; -424.0; 09-MAY-2006 16:59:21; Dark ; 44.5; 18; 24Alp PsA ; 1.17; 9700;occ; 89; 0;21909  
 16; -275.5; 09-MAY-2006 17:01:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21909

17; -150.8; 09-MAY-2006 17:03:54; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;21909  
 18; -73.1; 09-MAY-2006 17:05:12; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;21909  
 19; 57.2; 09-MAY-2006 17:07:22; Dark ; 38.0; 148; Alp Tuc ; 2.88; 4100;occ; 76; 0;21910  
 20; 262.3; 09-MAY-2006 17:10:47; Dark ; 40.0; 45; Alp Pav ; 1.94; 26000;occ; 80; 0;21910  
 21; 618.6; 09-MAY-2006 17:16:44; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;21910  
 22; 750.3; 09-MAY-2006 17:18:55; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;21910  
 23; 861.8; 09-MAY-2006 17:20:47; Dark ; 44.5; 4; Alp1Cen ; -0.01; 5800;occ; 89; 0;21910

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 3; -4872.4; 09-MAY-2006 17:25:49; Dark ; 38.5; 81; Eta Cen ; 2.36; 28000;occ; 77; 0;21910  
 4; -4753.3; 09-MAY-2006 17:27:48; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;21910  
 5; -4307.2; 09-MAY-2006 17:35:14; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;21910  
 6; -3926.2; 09-MAY-2006 17:41:35; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;21910  
 7; -3814.9; 09-MAY-2006 17:43:26; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;21910  
 8; -3470.3; 09-MAY-2006 17:49:11; Bright; 34.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 68; 0;21910  
 9; -3285.8; 09-MAY-2006 17:52:15; Bright; 38.0; 39; 85Eta UMa ; 1.85; 24000;occ; 76; 0;21910  
 10; -3195.9; 09-MAY-2006 17:53:45; Bright; 36.5; 55; 79Zet UMa ; 2.06; 10200;occ; 73; 0;21910  
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 12; -2590.9; 09-MAY-2006 18:03:50; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;21910  
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 16; -1297.3; 09-MAY-2006 18:25:24; Dark ; 39.0; 140; 88Gam Peg ; 2.83; 26000;occ; 78; 0;21910  
 17; -773.2; 09-MAY-2006 18:34:08; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;21910  
 18; -423.4; 09-MAY-2006 18:39:58; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;21910  
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 21; -72.5; 09-MAY-2006 18:45:48; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;21910  
 22; 57.6; 09-MAY-2006 18:47:59; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;21911  
 23; 263.0; 09-MAY-2006 18:51:24; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;21911  
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 25; 750.7; 09-MAY-2006 18:59:32; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;21911  
 26; 861.9; 09-MAY-2006 19:01:23; Dark ; 46.5; 4; Alp1Cen ; -0.01; 5800;occ; 93; 0;21911

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 3; -4753.1; 09-MAY-2006 19:08:24; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;21911  
 4; -4307.0; 09-MAY-2006 19:15:50; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;21911  
 5; -3925.9; 09-MAY-2006 19:22:11; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;21911  
 6; -3814.9; 09-MAY-2006 19:24:02; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;21911  
 7; -3470.2; 09-MAY-2006 19:29:47; Bright; 52.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 104; 0;21911  
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 13; -2027.0; 09-MAY-2006 19:53:50; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;21911  
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 15; -1296.9; 09-MAY-2006 20:06:00; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;21911  
 16; -772.9; 09-MAY-2006 20:14:44; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;21911  
 17; -422.8; 09-MAY-2006 20:20:34; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;21911  
 18; -274.8; 09-MAY-2006 20:23:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21911  
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 21; 58.1; 09-MAY-2006 20:28:35; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;21912  
 22; 263.6; 09-MAY-2006 20:32:01; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;21912  
 23; 619.3; 09-MAY-2006 20:37:56; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;21912  
 24; 750.9; 09-MAY-2006 20:40:08; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;21912  
 25; 862.2; 09-MAY-2006 20:41:59; Dark ; 50.5; 4; Alp1Cen ; -0.01; 5800;occ; 101; 0;21912

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 2; -421.6; 09-MAY-2006 23:41:47; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;21913  
 3; -274.1; 09-MAY-2006 23:44:15; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21913  
 4; -148.6; 09-MAY-2006 23:46:20; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;21913  
 5; 58.8; 09-MAY-2006 23:49:47; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;21914  
 6; 265.0; 09-MAY-2006 23:53:14; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;21914  
 7; 619.9; 09-MAY-2006 23:59:09; Dark ; 41.0; 43; Alp TrA ; 1.91; 4250;occ; 82; 0;21914

8; 751.5; 10-MAY-2006 00:01:20; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;21914  
 9; 862.5; 10-MAY-2006 00:03:11; Dark ; 51.0; 4; Alp1Cen ;-0.01; 5800;occ; 102; 0;21914  
 10; 1073.5; 10-MAY-2006 00:06:42; Dark ; 40.0; 78; Alp Lup ; 2.30; 28000;occ; 80; 0;21914  
 11; 1164.7; 10-MAY-2006 00:08:13; Dark ; 38.5; 81; Eta Cen ; 2.36; 28000;occ; 77; 0;21914  
 12; 1283.4; 10-MAY-2006 00:10:12; Dark ; 40.5; 54; 5The Cen ; 2.06; 4500;occ; 81; 0;21914  
 13; 1604.4; 10-MAY-2006 00:15:33; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;21914  
 14; 1729.4; 10-MAY-2006 00:17:38; Bright; 37.0; 15; 67Alp Vir ; 0.98; 28000;occ; 74; 0;21914  
 15; 2110.3; 10-MAY-2006 00:23:59; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;21914  
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 17; 2566.0; 10-MAY-2006 00:31:35; Bright; 50.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 100; 0;21914  
 18; 2749.6; 10-MAY-2006 00:34:38; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;21914  
 19; 2840.0; 10-MAY-2006 00:36:09; Bright; 34.5; 55; 79Zet UMa ; 2.06; 10200;occ; 69; 0;21914  
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 21; 3445.0; 10-MAY-2006 00:46:14; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;21914  
 22; 3934.5; 10-MAY-2006 00:54:23; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;21914  
 23; 4009.1; 10-MAY-2006 00:55:38; Bright; 34.0; 68; 18Alp Cas ; 2.22; 4500;occ; 68; 0;21914  
 24; 4499.7; 10-MAY-2006 01:03:48; Bright; 38.0; 58; 21Alp And ; 2.07; 11000;occ; 76; 0;21914  
 25; 4739.7; 10-MAY-2006 01:07:48; Dark ; 40.5; 140; 88Gam Peg ; 2.83; 26000;occ; 81; 0;21914

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 2; 5615.0; 10-MAY-2006 01:22:24; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;21914  
 3; 5762.2; 10-MAY-2006 01:24:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21914  
 4; 5887.8; 10-MAY-2006 01:26:56; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;21914  
 5; 5966.0; 10-MAY-2006 01:28:15; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;21914  
 6; 6095.2; 10-MAY-2006 01:30:24; Dark ; 41.0; 148; Alp Tuc ; 2.88; 4100;occ; 82; 0;21914  
 7; 6301.6; 10-MAY-2006 01:33:50; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;21914  
 8; 6656.1; 10-MAY-2006 01:39:45; Dark ; 41.5; 43; Alp TrA ; 1.91; 4250;occ; 83; 0;21914  
 9; 6787.7; 10-MAY-2006 01:41:56; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;21914  
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 21; 9231.0; 10-MAY-2006 02:22:40; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;21914  
 22; 9480.9; 10-MAY-2006 02:26:50; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;21914

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 18; 5969.5; 10-MAY-2006 09:51:18; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;21919  
 19; 6097.4; 10-MAY-2006 09:53:26; Dark ; 43.0; 148; Alp Tuc ; 2.88; 4100;occ; 86; 0;21919  
 20; 6305.0; 10-MAY-2006 09:56:53; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;21919  
 21; 6657.8; 10-MAY-2006 10:02:46; Dark ; 38.5; 43; Alp TrA ; 1.91; 4250;occ; 77; 0;21919  
 22; 6789.4; 10-MAY-2006 10:04:58; Dark ; 39.0; 134; Bet TrA ; 2.81; 6600;occ; 78; 0;21919  
 23; 6899.7; 10-MAY-2006 10:06:48; Dark ; 44.0; 4; Alp1Cen ;-0.01; 5800;occ; 88; 0;21919  
 24; 7111.0; 10-MAY-2006 10:10:19; Dark ; 40.0; 78; Alp Lup ; 2.30; 28000;occ; 80; 0;21919  
 25; 7202.1; 10-MAY-2006 10:11:50; Dark ; 39.5; 81; Eta Cen ; 2.36; 28000;occ; 79; 0;21919  
 26; 7320.6; 10-MAY-2006 10:13:49; Dark ; 39.0; 54; 5The Cen ; 2.06; 4500;occ; 78; 0;21919  
 27; 7641.4; 10-MAY-2006 10:19:10; Bright; 38.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 77; 0;21919

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1;-4392.9; 10-MAY-2006 10:19:47; Bright; 39.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 78; 75;21920  
 2;-4305.4; 10-MAY-2006 10:21:15; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;21920  
 3;-3924.4; 10-MAY-2006 10:27:36; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;21920  
 4;-3815.1; 10-MAY-2006 10:29:25; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;21920  
 5;-3469.0; 10-MAY-2006 10:35:11; Bright; 36.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 72; 0;21920  
 6;-3286.7; 10-MAY-2006 10:38:14; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;21920  
 7;-3195.9; 10-MAY-2006 10:39:44; Bright; 36.0; 55; 79Zet UMa ; 2.06; 10200;occ; 72; 0;21920  
 8;-2841.5; 10-MAY-2006 10:45:39; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;21920  
 9;-2590.8; 10-MAY-2006 10:49:49; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;21920  
 10;-2101.3; 10-MAY-2006 10:57:59; Bright; 52.0; 76; 27Gam Cas ; 2.30; 30000;occ; 104; 0;21920  
 11;-2026.5; 10-MAY-2006 10:59:14; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;21920  
 12;-1535.0; 10-MAY-2006 11:07:25; Bright; 55.0; 58; 21Alp And ; 2.07; 11000;occ; 110; 0;21920  
 13;-1294.7; 10-MAY-2006 11:11:25; Dark ; 40.0; 140; 88Gam Peg ; 2.83; 26000;occ; 80; 0;21920  
 14;-770.7; 10-MAY-2006 11:20:09; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;21920  
 15;-416.8; 10-MAY-2006 11:26:03; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;21920  
 16;-271.5; 10-MAY-2006 11:28:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21920  
 17;-144.6; 10-MAY-2006 11:30:36; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;21920  
 18;-65.7; 10-MAY-2006 11:31:55; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;21920  
 19; 61.9; 10-MAY-2006 11:34:02; Dark ; 38.0; 148; Alp Tuc ; 2.88; 4100;occ; 76; 0;21921  
 20; 269.9; 10-MAY-2006 11:37:30; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;21921  
 21; 622.2; 10-MAY-2006 11:43:22; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;21921  
 22; 753.8; 10-MAY-2006 11:45:34; Dark ; 38.5; 134; Bet TrA ; 2.81; 6600;occ; 77; 0;21921  
 23; 864.1; 10-MAY-2006 11:47:24; Dark ; 42.5; 4; Alp1Cen ;-0.01; 5800;occ; 85; 0;21921  
 24; 1075.4; 10-MAY-2006 11:50:56; Dark ; 36.5; 78; Alp Lup ; 2.30; 28000;occ; 73; 0;21921  
 25; 1166.4; 10-MAY-2006 11:52:27; Dark ; 38.5; 81; Eta Cen ; 2.36; 28000;occ; 77; 0;21921  
 26; 1284.9; 10-MAY-2006 11:54:25; Dark ; 36.0; 54; 5The Cen ; 2.06; 4500;occ; 72; 0;21921  
 27; 1605.2; 10-MAY-2006 11:59:45; Bright; 39.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 79; 0;21921

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20060510\_115958\_000057442047\_00324\_21921\_0559.N1

1;-4417.6; 10-MAY-2006 11:59:58; Bright; 40.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 80; 26;21921  
 2;-4305.2; 10-MAY-2006 12:01:51; Bright; 38.5; 15; 67Alp Vir ; 0.98; 28000;occ; 77; 0;21921  
 3;-3924.2; 10-MAY-2006 12:08:12; Bright; 36.5; 138; 47Eps Vir ; 2.83; 4700;occ; 73; 0;21921  
 4;-3815.1; 10-MAY-2006 12:10:01; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;21921  
 5;-3468.8; 10-MAY-2006 12:15:47; Bright; 35.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 71; 0;21921  
 6;-3286.7; 10-MAY-2006 12:18:49; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;21921  
 7;-3195.9; 10-MAY-2006 12:20:20; Bright; 36.0; 55; 79Zet UMa ; 2.06; 10200;occ; 72; 0;21921  
 8;-2841.6; 10-MAY-2006 12:26:14; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;21921  
 9;-2590.8; 10-MAY-2006 12:30:25; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;21921  
 10;-2101.0; 10-MAY-2006 12:38:35; Bright; 33.0; 76; 27Gam Cas ; 2.30; 30000;occ; 66; 0;21921  
 11;-2026.4; 10-MAY-2006 12:39:50; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;21921  
 12;-1534.7; 10-MAY-2006 12:48:01; Bright; 38.0; 58; 21Alp And ; 2.07; 11000;occ; 76; 0;21921  
 13;-1294.4; 10-MAY-2006 12:52:02; Dark ; 39.5; 140; 88Gam Peg ; 2.83; 26000;occ; 79; 0;21921  
 14;-770.5; 10-MAY-2006 13:00:46; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;21921  
 15;-416.1; 10-MAY-2006 13:06:40; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;21921  
 16;-271.1; 10-MAY-2006 13:09:05; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;21921  
 17;-144.0; 10-MAY-2006 13:11:12; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;21921  
 18;-65.0; 10-MAY-2006 13:12:31; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;21921  
 19; 62.4; 10-MAY-2006 13:14:38; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;21922  
 20; 270.6; 10-MAY-2006 13:18:07; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;21922  
 21; 622.5; 10-MAY-2006 13:23:59; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;21922  
 22; 754.1; 10-MAY-2006 13:26:10; Dark ; 38.5; 134; Bet TrA ; 2.81; 6600;occ; 77; 0;21922  
 23; 864.4; 10-MAY-2006 13:28:00; Dark ; 40.0; 4; Alp1Cen ;-0.01; 5800;occ; 80; 0;21922  
 24; 1075.6; 10-MAY-2006 13:31:32; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;21922  
 25; 1166.7; 10-MAY-2006 13:33:03; Dark ; 36.5; 81; Eta Cen ; 2.36; 28000;occ; 73; 0;21922  
 26; 1285.2; 10-MAY-2006 13:35:01; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;21922

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20060510\_134022\_000057582047\_00325\_21922\_0560.N1



|   |          |             |           |         |       |       |           |           |       |            |            |     |       |       |
|---|----------|-------------|-----------|---------|-------|-------|-----------|-----------|-------|------------|------------|-----|-------|-------|
| 1;  | -4430.4; | 10-MAY-2006 | 13:40:22; | Bright; | 38.0; | 122;  | 9Alp2Lib  | ;         | 2.75; | 9700;occ;  | 76;        | 0;  | 21922 |       |
| 2;  | -4305.1; | 10-MAY-2006 | 13:42:27; | Bright; | 38.0; | 15;   | 67Alp Vir | ;         | 0.98; | 28000;occ; | 76;        | 0;  | 21922 |       |
| 3;  | -3924.0; | 10-MAY-2006 | 13:48:48; | Bright; | 34.5; | 138;  | 47Eps Vir | ;         | 2.83; | 4700;occ;  | 69;        | 0;  | 21922 |       |
| 4;  | -3815.0; | 10-MAY-2006 | 13:50:37; | Bright; | 36.0; | 111;  | 8Eta Boo  | ;         | 2.68; | 6000;occ;  | 72;        | 0;  | 21922 |       |
| 5;  | -3468.7; | 10-MAY-2006 | 13:56:23; | Bright; | 41.5; | 152;  | 12Alp2CVn | ;         | 2.89; | 11000;occ; | 83;        | 0;  | 21922 |       |
| 6;  | -3286.9; | 10-MAY-2006 | 13:59:25; | Bright; | 34.0; | 39;   | 85Eta UMa | ;         | 1.85; | 24000;occ; | 68;        | 0;  | 21922 |       |
| 7;  | -3196.3; | 10-MAY-2006 | 14:00:56; | Bright; | 34.0; | 55;   | 79Zet UMa | ;         | 2.06; | 10200;occ; | 68;        | 0;  | 21922 |       |
| 8;  | -2841.8; | 10-MAY-2006 | 14:06:50; | Bright; | 39.0; | 60;   | 7Bet UMi  | ;         | 2.08; | 3950;occ;  | 78;        | 0;  | 21922 |       |
| 9;  | -2590.7; | 10-MAY-2006 | 14:11:01; | Bright; | 34.5; | 49;   | 1Alp UMi  | ;         | 1.99; | 6300;occ;  | 69;        | 0;  | 21922 |       |
| 10;   | -2101.1; | 10-MAY-2006 | 14:19:11; | Bright; | 33.0; | 76;   | 27Gam Cas | ;         | 2.30; | 30000;occ; | 66;        | 0;  | 21922 |       |
| 11;   | -2026.4; | 10-MAY-2006 | 14:20:26; | Bright; | 36.0; | 68;   | 18Alp Cas | ;         | 2.22; | 4500;occ;  | 72;        | 0;  | 21922 |       |
| 12;   | -1534.6; | 10-MAY-2006 | 14:28:37; | Bright; | 38.5; | 58;   | 21Alp And | ;         | 2.07; | 11000;occ; | 77;        | 0;  | 21922 |       |
| 13;   | -1294.2; | 10-MAY-2006 | 14:32:38; | Dark    | ;     | 41.5; | 140;      | 88Gam Peg | ;     | 2.83;      | 26000;occ; | 83; | 0;    | 21922 |
| 14;   | -770.2;  | 10-MAY-2006 | 14:41:22; | Dark    | ;     | 44.5; | 52;       | 16Bet Cet | ;     | 2.04;      | 4500;occ;  | 89; | 0;    | 21922 |
| 15;   | -415.4;  | 10-MAY-2006 | 14:47:17; | Dark    | ;     | 48.0; | 18;       | 24Alp PsA | ;     | 1.17;      | 9700;occ;  | 96; | 0;    | 21922 |
| 16;   | -270.8;  | 10-MAY-2006 | 14:49:41; | Dark    | ;     | 59.5; | 0;        | ;         | 0.00; | 0;occ;     | 119;       | 0;  | 21922 |       |
| 17;   | -143.4;  | 10-MAY-2006 | 14:51:49; | Dark    | ;     | 47.0; | 63;       | Bet Gru   | ;     | 2.15;      | 2800;occ;  | 94; | 0;    | 21922 |
| 18;   | -64.3;   | 10-MAY-2006 | 14:53:08; | Dark    | ;     | 42.0; | 31;       | Alp Gru   | ;     | 1.73;      | 15200;occ; | 84; | 0;    | 21922 |
| 19;   | 62.8;    | 10-MAY-2006 | 14:55:15; | Dark    | ;     | 39.0; | 148;      | Alp Tuc   | ;     | 2.88;      | 4100;occ;  | 78; | 0;    | 21923 |
| 20;   | 271.2;   | 10-MAY-2006 | 14:58:43; | Dark    | ;     | 42.0; | 45;       | Alp Pav   | ;     | 1.94;      | 26000;occ; | 84; | 0;    | 21923 |
| 21;   | 622.8;   | 10-MAY-2006 | 15:04:35; | Dark    | ;     | 39.0; | 43;       | Alp TrA   | ;     | 1.91;      | 4250;occ;  | 78; | 0;    | 21923 |
| 22;   | 754.5;   | 10-MAY-2006 | 15:06:46; | Dark    | ;     | 37.5; | 134;      | Bet TrA   | ;     | 2.81;      | 6600;occ;  | 75; | 0;    | 21923 |
| 23;   | 864.5;   | 10-MAY-2006 | 15:08:37; | Dark    | ;     | 42.5; | 4;        | Alp1Cen   | ;     | -0.01;     | 5800;occ;  | 85; | 0;    | 21923 |
| 24;   | 1076.0;  | 10-MAY-2006 | 15:12:08; | Dark    | ;     | 34.5; | 78;       | Alp Lup   | ;     | 2.30;      | 28000;occ; | 69; | 0;    | 21923 |
| 25;   | 1167.0;  | 10-MAY-2006 | 15:13:39; | Dark    | ;     | 41.0; | 81;       | Eta Cen   | ;     | 2.36;      | 28000;occ; | 82; | 0;    | 21923 |
| 26;   | 1285.4;  | 10-MAY-2006 | 15:15:37; | Dark    | ;     | 43.5; | 54;       | 5The Cen  | ;     | 2.06;      | 4500;occ;  | 87; | 0;    | 21923 |
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| 1;  | -4429.8; | 10-MAY-2006 | 15:20:58; | Bright; | 38.0; | 122;  | 9Alp2Lib  | ;         | 2.75; | 9700;occ;  | 76;        | 0;  | 21923 |       |
| 2;  | -4304.4; | 10-MAY-2006 | 15:23:03; | Bright; | 38.5; | 15;   | 67Alp Vir | ;         | 0.98; | 28000;occ; | 77;        | 0;  | 21923 |       |
| 3;  | -3923.3; | 10-MAY-2006 | 15:29:24; | Bright; | 34.5; | 138;  | 47Eps Vir | ;         | 2.83; | 4700;occ;  | 69;        | 0;  | 21923 |       |
| 4;  | -3814.6; | 10-MAY-2006 | 15:31:13; | Bright; | 34.5; | 111;  | 8Eta Boo  | ;         | 2.68; | 6000;occ;  | 69;        | 0;  | 21923 |       |
| 5;  | -3286.5; | 10-MAY-2006 | 15:40:01; | Bright; | 34.0; | 39;   | 85Eta UMa | ;         | 1.85; | 24000;occ; | 68;        | 0;  | 21923 |       |
| 6;  | -3195.5; | 10-MAY-2006 | 15:41:32; | Bright; | 33.5; | 55;   | 79Zet UMa | ;         | 2.06; | 10200;occ; | 67;        | 0;  | 21923 |       |
| 7;  | -2841.4; | 10-MAY-2006 | 15:47:26; | Bright; | 35.5; | 60;   | 7Bet UMi  | ;         | 2.08; | 3950;occ;  | 71;        | 0;  | 21923 |       |
| 8;  | -2590.1; | 10-MAY-2006 | 15:51:37; | Bright; | 35.5; | 49;   | 1Alp UMi  | ;         | 1.99; | 6300;occ;  | 71;        | 0;  | 21923 |       |
| 9;  | -2100.7; | 10-MAY-2006 | 15:59:47; | Bright; | 52.0; | 76;   | 27Gam Cas | ;         | 2.30; | 30000;occ; | 104;       | 0;  | 21923 |       |
| 10;   | -2025.7; | 10-MAY-2006 | 16:01:02; | Bright; | 34.0; | 68;   | 18Alp Cas | ;         | 2.22; | 4500;occ;  | 68;        | 0;  | 21923 |       |
| 11;   | -1534.0; | 10-MAY-2006 | 16:09:13; | Bright; | 37.0; | 58;   | 21Alp And | ;         | 2.07; | 11000;occ; | 74;        | 0;  | 21923 |       |
| 12;   | -1293.2; | 10-MAY-2006 | 16:13:14; | Dark    | ;     | 37.5; | 140;      | 88Gam Peg | ;     | 2.83;      | 26000;occ; | 75; | 0;    | 21923 |
| 13;   | -769.3;  | 10-MAY-2006 | 16:21:58; | Dark    | ;     | 49.0; | 52;       | 16Bet Cet | ;     | 2.04;      | 4500;occ;  | 98; | 0;    | 21923 |
| 14;   | -414.2;  | 10-MAY-2006 | 16:27:53; | Dark    | ;     | 46.5; | 18;       | 24Alp PsA | ;     | 1.17;      | 9700;occ;  | 93; | 0;    | 21923 |
| 15;   | -269.8;  | 10-MAY-2006 | 16:30:18; | Dark    | ;     | 59.5; | 0;        | ;         | 0.00; | 0;occ;     | 119;       | 0;  | 21923 |       |
| 16;   | -142.3;  | 10-MAY-2006 | 16:32:25; | Dark    | ;     | 46.0; | 63;       | Bet Gru   | ;     | 2.15;      | 2800;occ;  | 92; | 0;    | 21923 |
| 17;   | -63.1;   | 10-MAY-2006 | 16:33:44; | Dark    | ;     | 40.5; | 31;       | Alp Gru   | ;     | 1.73;      | 15200;occ; | 81; | 0;    | 21923 |
| 18;   | 63.8;    | 10-MAY-2006 | 16:35:51; | Dark    | ;     | 42.5; | 148;      | Alp Tuc   | ;     | 2.88;      | 4100;occ;  | 85; | 0;    | 21924 |
| 19;   | 272.5;   | 10-MAY-2006 | 16:39:20; | Dark    | ;     | 40.5; | 45;       | Alp Pav   | ;     | 1.94;      | 26000;occ; | 81; | 0;    | 21924 |
| 20;   | 623.8;   | 10-MAY-2006 | 16:45:11; | Dark    | ;     | 41.0; | 43;       | Alp TrA   | ;     | 1.91;      | 4250;occ;  | 82; | 0;    | 21924 |
| 21;   | 755.3;   | 10-MAY-2006 | 16:47:23; | Dark    | ;     | 37.0; | 134;      | Bet TrA   | ;     | 2.81;      | 6600;occ;  | 74; | 0;    | 21924 |
| 22;   | 865.4;   | 10-MAY-2006 | 16:49:13; | Dark    | ;     | 43.0; | 4;        | Alp1Cen   | ;     | -0.01;     | 5800;occ;  | 86; | 0;    | 21924 |
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| 1;  | -4959.2; | 10-MAY-2006 | 16:52:44; | Dark    | ;     | 42.0; | 78;       | Alp Lup   | ;     | 2.30;      | 28000;occ; | 84; | 0;    | 21924 |
| 2;  | -4868.2; | 10-MAY-2006 | 16:54:15; | Dark    | ;     | 40.5; | 81;       | Eta Cen   | ;     | 2.36;      | 28000;occ; | 81; | 0;    | 21924 |
| 3;  | -4749.9; | 10-MAY-2006 | 16:56:14; | Dark    | ;     | 43.0; | 54;       | 5The Cen  | ;     | 2.06;      | 4500;occ;  | 86; | 0;    | 21924 |
| 4;  | -4429.8; | 10-MAY-2006 | 17:01:34; | Bright; | 39.5; | 122;  | 9Alp2Lib  | ;         | 2.75; | 9700;occ;  | 79;        | 0;  | 21924 |       |
| 5;  | -4304.3; | 10-MAY-2006 | 17:03:39; | Bright; | 37.0; | 15;   | 67Alp Vir | ;         | 0.98; | 28000;occ; | 74;        | 0;  | 21924 |       |
| 6;  | -3923.1; | 10-MAY-2006 | 17:10:00; | Bright; | 35.0; | 138;  | 47Eps Vir | ;         | 2.83; | 4700;occ;  | 70;        | 0;  | 21924 |       |
| 7;  | -3814.5; | 10-MAY-2006 | 17:11:49; | Bright; | 35.0; | 111;  | 8Eta Boo  | ;         | 2.68; | 6000;occ;  | 70;        | 0;  | 21924 |       |
| 8;  | -3467.9; | 10-MAY-2006 | 17:17:35; | Bright; | 34.5; | 152;  | 12Alp2CVn | ;         | 2.89; | 11000;occ; | 69;        | 0;  | 21924 |       |
| 9;  | -3286.6; | 10-MAY-2006 | 17:20:37; | Bright; | 37.0; | 39;   | 85Eta UMa | ;         | 1.85; | 24000;occ; | 74;        | 0;  | 21924 |       |
| 10;   | -3195.6; | 10-MAY-2006 | 17:22:08; | Bright; | 35.5; | 55;   | 79Zet UMa | ;         | 2.06; | 10200;occ; | 71;        | 0;  | 21924 |       |
| 11;   | -2841.5; | 10-MAY-2006 | 17:28:02; | Bright; | 39.5; | 60;   | 7Bet UMi  | ;         | 2.08; | 3950;occ;  | 79;        | 0;  | 21924 |       |
| 12;   | -2590.1; | 10-MAY-2006 | 17:32:13; | Bright; | 36.0; | 49;   | 1Alp UMi  | ;         | 1.99; | 6300;occ;  | 72;        | 0;  | 21924 |       |
| 13;   | -2100.3; | 10-MAY-2006 | 17:40:23; | Bright; | 33.5; | 76;   | 27Gam Cas | ;         | 2.30; | 30000;occ; | 67;        | 0;  | 21924 |       |
| 14;   | -2025.8; | 10-MAY-2006 | 17:41:38; | Bright; | 33.0; | 68;   | 18Alp Cas | ;         | 2.22; | 4500;occ;  | 66;        | 0;  | 21924 |       |
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| 17;   | -769.3;  | 10-MAY-2006 | 18:02:34; | Dark    | ;     | 44.0; | 52;       | 16Bet Cet | ;     | 2.04;      | 4500;occ;  | 88; | 0;    | 21924 |
| 18;   | -413.4;  | 10-MAY-2006 | 18:08:30; | Dark    | ;     | 47.5; | 18;       | 24Alp PsA | ;     | 1.17;      | 9700;occ;  | 95; | 0;    | 21924 |

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 23; 273.3; 10-MAY-2006 18:19:57; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;21925  
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 2;-4843.2; 20-MAY-2006 16:40:18; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;22067  
 3;-4666.3; 20-MAY-2006 16:43:15; Dark ; 53.5; 16; 21Alp Sco ; 1.02; 3000;occ; 107; 0;22067  
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 5;-4304.7; 20-MAY-2006 16:49:16; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;22067  
 6;-4003.7; 20-MAY-2006 16:54:17; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;22067  
 7;-3662.2; 20-MAY-2006 16:59:59; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;22067  
 8;-3472.8; 20-MAY-2006 17:03:08; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;22067  
 9;-2972.4; 20-MAY-2006 17:11:29; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;22067  
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 12;-2024.9; 20-MAY-2006 17:27:16; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;22067  
 13;-1510.1; 20-MAY-2006 17:35:51; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;22067  
 14;-1250.9; 20-MAY-2006 17:40:10; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;22067  
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 16; -146.6; 20-MAY-2006 17:58:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22067  
 17; -50.6; 20-MAY-2006 18:00:11; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;22067  
 18; 45.4; 20-MAY-2006 18:01:47; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;22068  
 19; 373.5; 20-MAY-2006 18:07:15; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;22068  
 20; 790.9; 20-MAY-2006 18:14:12; Dark ; 49.0; 141; Bet Ara ; 2.84; 4600;occ; 98; 0;22068  
 21; 952.7; 20-MAY-2006 18:16:54; Dark ; 52.0; 40; The Sco ; 1.86; 7100;occ; 104; 0;22068

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 5;-4518.4; 20-MAY-2006 18:26:19; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;22068  
 6;-4305.2; 20-MAY-2006 18:29:52; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;22068  
 7;-4004.5; 20-MAY-2006 18:34:53; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;22068  
 8;-3662.9; 20-MAY-2006 18:40:35; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;22068  
 9;-3473.4; 20-MAY-2006 18:43:44; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;22068  
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 11;-2860.3; 20-MAY-2006 18:53:57; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;22068  
 12;-2098.0; 20-MAY-2006 19:06:40; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;22068  
 13;-2025.5; 20-MAY-2006 19:07:52; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;22068  
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 17; -146.1; 20-MAY-2006 19:39:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22068  
 18; -50.6; 20-MAY-2006 19:40:47; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;22068  
 19; 45.7; 20-MAY-2006 19:42:23; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;22069  
 20; 373.6; 20-MAY-2006 19:47:51; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;22069  
 21; 790.8; 20-MAY-2006 19:54:48; Dark ; 46.5; 141; Bet Ara ; 2.84; 4600;occ; 93; 0;22069

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 4;-3662.5; 20-MAY-2006 15:19:23; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;22066  
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 9;-2025.4; 20-MAY-2006 15:46:40; Bright; 34.5; 68; 18Alp Cas ; 2.22; 4500;occ; 69; 0;22066  
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 11;-1251.9; 20-MAY-2006 15:59:34; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;22066  
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 15; 44.1; 20-MAY-2006 16:21:10; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;22067  
 16; 372.3; 20-MAY-2006 16:26:38; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;22067  
 17; 790.0; 20-MAY-2006 16:33:36; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;22067  
 18; 951.7; 20-MAY-2006 16:36:17; Dark ; 47.0; 40; The Sco ; 1.86; 7100;occ; 94; 0;22067  
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6; 792.1; 21-MAY-2006 00:56:37; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;22072
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13; 2030.5; 21-MAY-2006 01:17:16; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;22072
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16; 3060.8; 21-MAY-2006 01:34:26; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;22072
17; 3175.1; 21-MAY-2006 01:36:20; Bright; 33.0; 60; 7Bet UMi ; 2.08; 3950;occ; 66; 0;22072
18; 3937.7; 21-MAY-2006 01:49:03; Bright; 35.5; 76; 27Gam Cas ; 2.30; 30000;occ; 71; 0;22072
19; 4010.3; 21-MAY-2006 01:50:16; Bright; 43.5; 68; 18Alp Cas ; 2.22; 4500;occ; 87; 0;22072
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5; 6412.3; 21-MAY-2006 02:30:18; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;22072
6; 6828.6; 21-MAY-2006 02:37:14; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;22072
7; 6990.9; 21-MAY-2006 02:39:56; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;22072
8; 7102.2; 21-MAY-2006 02:41:47; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;22072
9; 7230.4; 21-MAY-2006 02:43:56; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;22072
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11; 7554.3; 21-MAY-2006 02:49:20; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;22072
12; 7766.9; 21-MAY-2006 02:52:52; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;22072
13; 8066.4; 21-MAY-2006 02:57:52; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;22072
14; 8408.5; 21-MAY-2006 03:03:34; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;22072
15; 8598.0; 21-MAY-2006 03:06:43; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;22072
16; 9096.4; 21-MAY-2006 03:15:02; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;22072
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2;-2025.7; 21-MAY-2006 03:30:51; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;22073
3;-1509.7; 21-MAY-2006 03:39:27; Dark ; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;22073
4;-1249.5; 21-MAY-2006 03:43:48; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;22073
5; -294.3; 21-MAY-2006 03:59:43; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;22073
6; -141.2; 21-MAY-2006 04:02:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22073
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9; 377.3; 21-MAY-2006 04:10:54; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;22074
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17; 2030.6; 21-MAY-2006 04:38:28; Bright; 42.0; 102; 24Alp Ser ; 2.60; 4250;occ; 84; 0;22074
18; 2372.7; 21-MAY-2006 04:44:10; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;22074
19; 2562.1; 21-MAY-2006 04:47:19; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;22074
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4; 4786.8; 21-MAY-2006 05:24:24; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;22074
5; 5742.6; 21-MAY-2006 05:40:20; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;22074
6; 5895.8; 21-MAY-2006 05:42:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22074
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6; 1732.5; 21-MAY-2006 21:19:28; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;22084
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8; 2029.1; 21-MAY-2006 21:24:25; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;22084
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 2; 1842.2; 22-MAY-2006 07:24:54; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;22090  
 3; 2027.6; 22-MAY-2006 07:28:00; Bright; 41.5; 102; 24Alp Ser ; 2.60; 4250;occ; 83; 0;22090  
 4; 2371.3; 22-MAY-2006 07:33:43; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;22090  
 5; 2560.8; 22-MAY-2006 07:36:53; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;22090  
 6; 3053.6; 22-MAY-2006 07:45:06; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;22090  
 7; 3173.8; 22-MAY-2006 07:47:06; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;22090  
 8; 3937.3; 22-MAY-2006 07:59:49; Bright; 35.5; 76; 27Gam Cas ; 2.30; 30000;occ; 71; 0;22090  
 9; 4009.8; 22-MAY-2006 08:01:02; Bright; 40.0; 68; 18Alp Cas ; 2.22; 4500;occ; 80; 0;22090  
 10; 4529.3; 22-MAY-2006 08:09:41; Dark ; 49.0; 58; 21Alp And ; 2.07; 11000;occ; 98; 0;22090  
 11; 4792.5; 22-MAY-2006 08:14:05; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;22090  
 12; 5757.7; 22-MAY-2006 08:30:10; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;22090  
 13; 5911.8; 22-MAY-2006 08:32:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22090  
 14; 6001.0; 22-MAY-2006 08:34:13; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;22090  
 15; 6085.1; 22-MAY-2006 08:35:37; Dark ; 48.0; 172; Gam Gru ; 3.00; 13100;occ; 96; 0;22090  
 16; 6425.2; 22-MAY-2006 08:41:17; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;22090  
 17; 6836.9; 22-MAY-2006 08:48:09; Dark ; 51.0; 141; Bet Ara ; 2.84; 4600;occ; 102; 0;22090  
 18; 7001.2; 22-MAY-2006 08:50:53; Dark ; 45.0; 40; The Sco ; 1.86; 7100;occ; 90; 0;22090  
 19; 7112.1; 22-MAY-2006 08:52:44; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;22090  
 20; 7237.9; 22-MAY-2006 08:54:50; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;22090  
 21; 7411.7; 22-MAY-2006 08:57:44; Dark ; 54.5; 16; 21Alp Sco ; 1.02; 3000;occ; 109; 0;22090  
 22; 7557.5; 22-MAY-2006 09:00:10; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;22090  
 23; 7768.6; 22-MAY-2006 09:03:41; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;22090

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1;-4193.7; 22-MAY-2006 09:05:30; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;22091  
 2;-4008.4; 22-MAY-2006 09:08:35; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;22091  
 3;-3664.7; 22-MAY-2006 09:14:19; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;22091  
 4;-3475.0; 22-MAY-2006 09:17:29; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;22091  
 5;-2982.7; 22-MAY-2006 09:25:41; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;22091  
 6;-2862.3; 22-MAY-2006 09:27:42; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;22091  
 7;-2098.6; 22-MAY-2006 09:40:25; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;22091  
 8;-2026.2; 22-MAY-2006 09:41:38; Bright; 34.5; 68; 18Alp Cas ; 2.22; 4500;occ; 69; 0;22091  
 9;-1506.4; 22-MAY-2006 09:50:17; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;22091  
 10;-1243.2; 22-MAY-2006 09:54:41; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;22091  
 11; -277.2; 22-MAY-2006 10:10:47; Dark ; 60.0; 18; 24Alp PsA ; 1.17; 9700;occ; 120; 0;22091  
 12; -123.1; 22-MAY-2006 10:13:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22091  
 13; -34.1; 22-MAY-2006 10:14:50; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;22091  
 14; 50.3; 22-MAY-2006 10:16:14; Dark ; 49.5; 172; Gam Gru ; 3.00; 13100;occ; 99; 0;22092  
 15; 390.0; 22-MAY-2006 10:21:54; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;22092  
 16; 801.4; 22-MAY-2006 10:28:45; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;22092  
 17; 965.9; 22-MAY-2006 10:31:30; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;22092  
 18; 1076.9; 22-MAY-2006 10:33:21; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;22092  
 19; 1202.3; 22-MAY-2006 10:35:26; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;22092  
 20; 1375.9; 22-MAY-2006 10:38:20; Dark ; 51.0; 16; 21Alp Sco ; 1.02; 3000;occ; 102; 0;22092  
 21; 1521.6; 22-MAY-2006 10:40:45; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;22092  
 22; 1732.8; 22-MAY-2006 10:44:17; Bright; 3.0; 104; 27Bet Lib ; 2.61; 13100;occ; 6; 0;22092

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1;-4303.1; 22-MAY-2006 10:44:17; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;22092  
 2;-4193.8; 22-MAY-2006 10:46:06; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;22092  
 3;-4008.5; 22-MAY-2006 10:49:11; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;22092  
 4;-3664.8; 22-MAY-2006 10:54:55; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;22092



5;-3475.1; 22-MAY-2006 10:58:05; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;22092  
6;-2983.0; 22-MAY-2006 11:06:17; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;22092  
7;-2862.3; 22-MAY-2006 11:08:17; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;22092  
8;-2098.5; 22-MAY-2006 11:21:01; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;22092  
9;-2026.2; 22-MAY-2006 11:22:13; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;22092  
10;-1506.3; 22-MAY-2006 11:30:53; Dark ; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;22092  
11;-1242.8; 22-MAY-2006 11:35:17; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;22092  
12; -276.2; 22-MAY-2006 11:51:23; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;22092  
13; -122.1; 22-MAY-2006 11:53:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22092  
14; -33.4; 22-MAY-2006 11:55:26; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;22092  
15; 51.4; 22-MAY-2006 11:56:51; Dark ; 49.5; 172; Gam Gru ; 3.00; 13100;occ; 99; 0;22093  
16; 390.7; 22-MAY-2006 12:02:30; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;22093  
17; 801.9; 22-MAY-2006 12:09:22; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;22093  
18; 966.5; 22-MAY-2006 12:12:06; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;22093  
19; 1077.4; 22-MAY-2006 12:13:57; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;22093  
20; 1202.7; 22-MAY-2006 12:16:02; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;22093  
21; 1376.1; 22-MAY-2006 12:18:56; Dark ; 55.0; 16; 21Alp Sco ; 1.02; 3000;occ; 110; 0;22093  
22; 1521.7; 22-MAY-2006 12:21:21; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;22093

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1; 1732.6; 22-MAY-2006 12:24:52; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;22093  
2; 1841.8; 22-MAY-2006 12:26:42; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;22093  
3; 2027.1; 22-MAY-2006 12:29:47; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;22093  
4; 2371.1; 22-MAY-2006 12:35:31; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;22093  
5; 2560.7; 22-MAY-2006 12:38:40; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;22093  
6; 3173.6; 22-MAY-2006 12:48:53; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;22093  
7; 3937.2; 22-MAY-2006 13:01:37; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;22093  
8; 4009.6; 22-MAY-2006 13:02:49; Bright; 46.0; 68; 18Alp Cas ; 2.22; 4500;occ; 92; 0;22093  
9; 4529.7; 22-MAY-2006 13:11:29; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;22093  
10; 4793.5; 22-MAY-2006 13:15:53; Dark ; 42.5; 140; 88Gam Peg ; 2.83; 26000;occ; 85; 0;22093  
11; 5760.6; 22-MAY-2006 13:32:00; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;22093  
12; 5914.8; 22-MAY-2006 13:34:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22093  
13; 6003.4; 22-MAY-2006 13:36:03; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;22093  
14; 6088.6; 22-MAY-2006 13:37:28; Dark ; 50.0; 172; Gam Gru ; 3.00; 13100;occ; 100; 0;22093  
15; 6427.3; 22-MAY-2006 13:43:07; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;22093  
16; 6838.3; 22-MAY-2006 13:49:58; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;22093  
17; 7003.0; 22-MAY-2006 13:52:43; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;22093  
18; 7113.9; 22-MAY-2006 13:54:34; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;22093  
19; 7239.0; 22-MAY-2006 13:56:39; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;22093  
20; 7412.4; 22-MAY-2006 13:59:32; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;22093  
21; 7557.8; 22-MAY-2006 14:01:57; Bright; 25.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 51; 0;22093

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1;-4513.5; 22-MAY-2006 14:01:57; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;22094  
2;-4302.6; 22-MAY-2006 14:05:28; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;22094  
3;-4193.6; 22-MAY-2006 14:07:17; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;22094  
4;-4008.3; 22-MAY-2006 14:10:23; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;22094  
5;-3664.3; 22-MAY-2006 14:16:07; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;22094  
6;-3474.7; 22-MAY-2006 14:19:16; Bright; 39.0; 180; 27Gam Boo ; 3.04; 8000;occ; 78; 0;22094  
7;-2983.3; 22-MAY-2006 14:27:28; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;22094  
8;-2861.9; 22-MAY-2006 14:29:29; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;22094  
9;-2098.2; 22-MAY-2006 14:42:13; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;22094  
10;-2025.7; 22-MAY-2006 14:43:25; Bright; 34.5; 68; 18Alp Cas ; 2.22; 4500;occ; 69; 0;22094  
11;-1505.4; 22-MAY-2006 14:52:06; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;22094  
12;-1241.6; 22-MAY-2006 14:56:29; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;22094  
13; -273.7; 22-MAY-2006 15:12:37; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;22094  
14; -119.6; 22-MAY-2006 15:15:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22094  
15; -31.3; 22-MAY-2006 15:16:40; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;22094  
16; 54.3; 22-MAY-2006 15:18:05; Dark ; 51.0; 172; Gam Gru ; 3.00; 13100;occ; 102; 0;22095  
17; 392.7; 22-MAY-2006 15:23:44; Dark ; 44.5; 45; Alp Pav ; 1.94; 26000;occ; 89; 0;22095  
18; 803.4; 22-MAY-2006 15:30:34; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;22095  
19; 968.2; 22-MAY-2006 15:33:19; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;22095  
20; 1079.2; 22-MAY-2006 15:35:10; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;22095  
21; 1204.0; 22-MAY-2006 15:37:15; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;22095  
22; 1377.3; 22-MAY-2006 15:40:08; Dark ; 50.0; 16; 21Alp Sco ; 1.02; 3000;occ; 100; 0;22095

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1;-4640.7; 22-MAY-2006 15:40:26; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 36;22095  
2;-4513.5; 22-MAY-2006 15:42:33; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;22095  
3;-4302.7; 22-MAY-2006 15:46:04; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;22095  
4;-4193.8; 22-MAY-2006 15:47:53; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;22095

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5;-4008.5; 22-MAY-2006 15:50:58; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;22095
6;-3664.5; 22-MAY-2006 15:56:42; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;22095
7;-3474.8; 22-MAY-2006 15:59:52; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;22095
8;-2983.8; 22-MAY-2006 16:08:03; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;22095
9;-2862.1; 22-MAY-2006 16:10:05; Bright; 48.0; 60; 7Bet UMi ; 2.08; 3950;occ; 96; 0;22095
10;-2098.2; 22-MAY-2006 16:22:49; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;22095
11;-2025.9; 22-MAY-2006 16:24:01; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;22095
12;-1505.2; 22-MAY-2006 16:32:42; Dark ; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;22095
13;-1241.2; 22-MAY-2006 16:37:06; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;22095
14; -272.8; 22-MAY-2006 16:53:14; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;22095
15; -118.5; 22-MAY-2006 16:55:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22095
16; -30.6; 22-MAY-2006 16:57:16; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;22095
17; 55.5; 22-MAY-2006 16:58:42; Dark ; 48.0; 172; Gam Gru ; 3.00; 13100;occ; 96; 0;22096
18; 393.4; 22-MAY-2006 17:04:20; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;22096
19; 803.9; 22-MAY-2006 17:11:11; Dark ; 47.0; 141; Bet Ara ; 2.84; 4600;occ; 94; 0;22096
20; 968.7; 22-MAY-2006 17:13:56; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;22096
21; 1079.7; 22-MAY-2006 17:15:47; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;22096
22; 1204.4; 22-MAY-2006 17:17:51; Dark ; 20.0; 75; 26Eps Sco ; 2.29; 4250;occ; 40; 0;22096
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1;-2860.3; 21-MAY-2006 03:16:56; Bright; 32.0; 60; 7Bet UMi ; 2.08; 3950;occ; 64; 0;22073
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2; 1080.1; 22-MAY-2006 20:37:00; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;22098
3; 1204.6; 22-MAY-2006 20:39:04; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;22098
4; 1377.5; 22-MAY-2006 20:41:57; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;22098
5; 1522.4; 22-MAY-2006 20:44:22; Bright; 39.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 79; 0;22098
6; 1733.1; 22-MAY-2006 20:47:53; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;22098
7; 1841.3; 22-MAY-2006 20:49:41; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;22098
8; 2026.4; 22-MAY-2006 20:52:46; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;22098
9; 2370.6; 22-MAY-2006 20:58:30; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;22098
10; 2560.4; 22-MAY-2006 21:01:40; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;22098
11; 3050.5; 22-MAY-2006 21:09:50; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;22098
12; 3173.1; 22-MAY-2006 21:11:53; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;22098
13; 3937.0; 22-MAY-2006 21:24:36; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;22098
14; 4009.3; 22-MAY-2006 21:25:49; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;22098
15; 4530.5; 22-MAY-2006 21:34:30; Dark ; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;22098
16; 4795.2; 22-MAY-2006 21:38:55; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;22098
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2; 1080.6; 22-MAY-2006 22:17:36; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;22099
3; 1204.8; 22-MAY-2006 22:19:40; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;22099
4; 1377.8; 22-MAY-2006 22:22:33; Dark ; 55.5; 16; 21Alp Sco ; 1.02; 3000;occ; 111; 0;22099
5; 1522.7; 22-MAY-2006 22:24:58; Bright; 42.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 85; 0;22099
6; 1733.1; 22-MAY-2006 22:28:28; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;22099
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16; 104.1; 25-MAY-2006 15:24:40; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;22138
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15; 8420.0; 26-MAY-2006 02:06:16; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;22143
16; 9068.9; 26-MAY-2006 02:17:05; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;22143
17; 9205.6; 26-MAY-2006 02:19:22; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;22143
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2; 4007.0; 26-MAY-2006 02:33:19; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;22144
3; 4384.8; 26-MAY-2006 02:39:37; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;22144
4; 4538.9; 26-MAY-2006 02:42:11; Dark ; 50.0; 58; 21Alp And ; 2.07; 11000;occ; 100; 0;22144
5; 4813.0; 26-MAY-2006 02:46:45; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;22144
6; 5343.9; 26-MAY-2006 02:55:36; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;22144
7; 5870.5; 26-MAY-2006 03:04:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22144
8; 6041.9; 26-MAY-2006 03:07:14; Dark ; 60.0; 63; Bet Gru ; 2.15; 2800;occ; 120; 0;22144
9; 6146.2; 26-MAY-2006 03:08:58; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;22144
10; 6463.3; 26-MAY-2006 03:14:15; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;22144
11; 6860.8; 26-MAY-2006 03:20:53; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;22144
12; 7030.3; 26-MAY-2006 03:23:42; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;22144
13; 7140.3; 26-MAY-2006 03:25:32; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;22144
14; 7257.9; 26-MAY-2006 03:27:30; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;22144
15; 7386.0; 26-MAY-2006 03:29:38; Dark ; 44.5; 136; 23Tau Sco ; 2.82; 30000;occ; 89; 0;22144
16; 7566.1; 26-MAY-2006 03:32:38; Bright; 39.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 78; 0;22144
17; 7773.0; 26-MAY-2006 03:36:05; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;22144
18; 7873.0; 26-MAY-2006 03:37:45; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;22144
19; 8056.1; 26-MAY-2006 03:40:48; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;22144
20; 8420.0; 26-MAY-2006 03:46:52; Bright; 37.0; 67; 5Alp CrB ; 2.22; 11000;occ; 74; 0;22144
21; 9068.6; 26-MAY-2006 03:57:40; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;22144
22; 9205.5; 26-MAY-2006 03:59:57; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;22144
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2; -2029.2; 26-MAY-2006 04:13:55; Bright; 37.5; 68; 18Alp Cas ; 2.22; 4500;occ; 75; 0;22145
3; -1651.0; 26-MAY-2006 04:20:13; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;22145
4; -1496.8; 26-MAY-2006 04:22:47; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;22145

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6; -691.7; 26-MAY-2006 04:36:12; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;22145  
7; -164.8; 26-MAY-2006 04:44:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22145  
8; 6.8; 26-MAY-2006 04:47:51; Dark ; 60.0; 63; Bet Gru ; 2.15; 2800;occ; 120; 0;22146  
9; 111.2; 26-MAY-2006 04:49:35; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;22146  
10; 428.1; 26-MAY-2006 04:54:52; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;22146  
11; 825.3; 26-MAY-2006 05:01:29; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;22146  
12; 994.8; 26-MAY-2006 05:04:19; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;22146  
13; 1104.9; 26-MAY-2006 05:06:09; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;22146  
14; 1222.3; 26-MAY-2006 05:08:06; Dark ; 45.5; 75; 26Eps Sco ; 2.29; 4250;occ; 91; 0;22146  
15; 1350.5; 26-MAY-2006 05:10:14; Dark ; 43.5; 136; 23Tau Sco ; 2.82; 30000;occ; 87; 0;22146  
16; 1530.3; 26-MAY-2006 05:13:14; Bright; 39.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 79; 0;22146  
17; 1737.4; 26-MAY-2006 05:16:41; Bright; 35.0; 104; 27Bet Lib ; 2.61; 13100;occ; 70; 0;22146  
18; 2020.2; 26-MAY-2006 05:21:24; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;22146  
19; 2383.8; 26-MAY-2006 05:27:28; Bright; 37.0; 67; 5Alp CrB ; 2.22; 11000;occ; 74; 0;22146  
20; 3032.5; 26-MAY-2006 05:38:16; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;22146  
21; 3169.6; 26-MAY-2006 05:40:33; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;22146

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2; -5036.4; 26-MAY-2006 20:09:47; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;22155  
3; -4926.6; 26-MAY-2006 20:11:36; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;22155  
4; -4810.5; 26-MAY-2006 20:13:33; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;22155  
5; -4682.9; 26-MAY-2006 20:15:40; Dark ; 43.0; 136; 23Tau Sco ; 2.82; 30000;occ; 86; 0;22155  
6; -4504.3; 26-MAY-2006 20:18:39; Bright; 38.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 77; 0;22155  
7; -4297.5; 26-MAY-2006 20:22:06; Bright; 35.0; 104; 27Bet Lib ; 2.61; 13100;occ; 70; 0;22155  
8; -4199.3; 26-MAY-2006 20:23:44; Bright; 42.0; 120; 1Del Oph ; 2.73; 3200;occ; 84; 0;22155  
9; -4016.7; 26-MAY-2006 20:26:46; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;22155  
10; -3654.0; 26-MAY-2006 20:32:49; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;22155  
11; -3006.8; 26-MAY-2006 20:43:36; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;22155  
12; -2866.8; 26-MAY-2006 20:45:56; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;22155  
13; -2101.2; 26-MAY-2006 20:58:42; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;22155  
14; -1649.9; 26-MAY-2006 21:06:13; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;22155  
15; -1494.9; 26-MAY-2006 21:08:48; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;22155  
16; -1218.5; 26-MAY-2006 21:13:25; Dark ; 47.5; 140; 88Gam Peg ; 2.83; 26000;occ; 95; 0;22155

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3; 14.5; 26-MAY-2006 21:33:58; Dark ; 60.0; 63; Bet Gru ; 2.15; 2800;occ; 120; 0;22156  
4; 120.0; 26-MAY-2006 21:35:43; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;22156  
5; 435.0; 26-MAY-2006 21:40:58; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;22156  
6; 829.5; 26-MAY-2006 21:47:32; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;22156  
7; 1000.0; 26-MAY-2006 21:50:23; Dark ; 45.0; 40; The Sco ; 1.86; 7100;occ; 90; 0;22156  
8; 1109.8; 26-MAY-2006 21:52:13; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;22156  
9; 1225.8; 26-MAY-2006 21:54:09; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;22156  
10; 1353.2; 26-MAY-2006 21:56:16; Dark ; 41.5; 136; 23Tau Sco ; 2.82; 30000;occ; 83; 0;22156  
11; 1531.9; 26-MAY-2006 21:59:15; Bright; 39.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 78; 0;22156  
12; 1738.3; 26-MAY-2006 22:02:41; Bright; 35.5; 104; 27Bet Lib ; 2.61; 13100;occ; 71; 0;22156  
13; 1836.5; 26-MAY-2006 22:04:20; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;22156  
14; 2019.1; 26-MAY-2006 22:07:22; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;22156  
15; 2381.5; 26-MAY-2006 22:13:25; Bright; 37.0; 67; 5Alp CrB ; 2.22; 11000;occ; 74; 0;22156  
16; 3028.8; 26-MAY-2006 22:24:12; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;22156  
17; 3169.0; 26-MAY-2006 22:26:32; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;22156  
18; 3934.7; 26-MAY-2006 22:39:18; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;22156  
19; 4386.0; 26-MAY-2006 22:46:49; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;22156  
20; 4541.1; 26-MAY-2006 22:49:24; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;22156  
21; 4817.7; 26-MAY-2006 22:54:01; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;22156

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3; 6051.2; 26-MAY-2006 23:14:34; Dark ; 60.0; 63; Bet Gru ; 2.15; 2800;occ; 120; 0;22156  
4; 6156.8; 26-MAY-2006 23:16:20; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;22156  
5; 6471.6; 26-MAY-2006 23:21:35; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;22156  
6; 6865.6; 26-MAY-2006 23:28:09; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;22156  
7; 7036.3; 26-MAY-2006 23:30:59; Dark ; 46.0; 40; The Sco ; 1.86; 7100;occ; 92; 0;22156  
8; 7146.1; 26-MAY-2006 23:32:49; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;22156  
9; 7262.0; 26-MAY-2006 23:34:45; Dark ; 45.5; 75; 26Eps Sco ; 2.29; 4250;occ; 91; 0;22156  
10; 7389.3; 26-MAY-2006 23:36:52; Dark ; 42.5; 136; 23Tau Sco ; 2.82; 30000;occ; 85; 0;22156  
11; 7567.9; 26-MAY-2006 23:39:51; Bright; 38.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 77; 0;22156

12; 7774.3; 26-MAY-2006 23:43:17; Bright; 35.5; 104; 27Bet Lib ; 2.61; 13100;occ; 71; 0;22156  
 13; 7872.2; 26-MAY-2006 23:44:55; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;22156  
 14; 8054.8; 26-MAY-2006 23:47:58; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;22156  
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 16; 9064.3; 27-MAY-2006 00:04:47; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;22156  
 17; 9204.8; 27-MAY-2006 00:07:08; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;22156  
 18; 9970.3; 27-MAY-2006 00:19:53; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;22156  
 19;10421.9; 27-MAY-2006 00:27:25; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;22156  
 20;10577.2; 27-MAY-2006 00:30:00; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;22156  
 21;10854.0; 27-MAY-2006 00:34:37; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;22156

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 2;-2028.7; 26-MAY-2006 05:54:30; Bright; 41.5; 68; 18Alp Cas ; 2.22; 4500;occ; 83; 0;22146  
 3;-1650.4; 26-MAY-2006 06:00:49; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;22146  
 4;-1496.1; 26-MAY-2006 06:03:23; Dark ; 50.0; 58; 21Alp And ; 2.07; 11000;occ; 100; 0;22146  
 5;-1221.8; 26-MAY-2006 06:07:57; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;22146  
 6; -690.5; 26-MAY-2006 06:16:49; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;22146  
 7; -163.7; 26-MAY-2006 06:25:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22146  
 8; 8.0; 26-MAY-2006 06:28:27; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;22147  
 9; 112.5; 26-MAY-2006 06:30:12; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;22147  
 10; 429.3; 26-MAY-2006 06:35:29; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;22147  
 11; 826.3; 26-MAY-2006 06:42:05; Dark ; 45.0; 141; Bet Ara ; 2.84; 4600;occ; 90; 0;22147  
 12; 995.9; 26-MAY-2006 06:44:55; Dark ; 47.0; 40; The Sco ; 1.86; 7100;occ; 94; 0;22147  
 13; 1105.9; 26-MAY-2006 06:46:45; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;22147  
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 15; 1351.2; 26-MAY-2006 06:50:50; Dark ; 45.5; 136; 23Tau Sco ; 2.82; 30000;occ; 91; 0;22147  
 16; 1531.1; 26-MAY-2006 06:53:50; Bright; 40.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;22147  
 17; 1738.0; 26-MAY-2006 06:57:17; Bright; 17.0; 104; 27Bet Lib ; 2.61; 13100;occ; 34; 0;22147

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 6;-2100.6; 26-MAY-2006 07:33:55; Bright; 51.0; 76; 27Gam Cas ; 2.30; 30000;occ; 102; 0;22147  
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 8;-1650.8; 26-MAY-2006 07:41:25; Bright; 40.5; 53; 43Bet And ; 2.05; 3300;occ; 81; 0;22147  
 9;-1496.5; 26-MAY-2006 07:43:59; Dark ; 49.0; 58; 21Alp And ; 2.07; 11000;occ; 98; 0;22147  
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 19; 1223.0; 26-MAY-2006 08:29:19; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;22148  
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14; 24.1; 27-MAY-2006 17:41:18; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;22168

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6; 914.3; 28-MAY-2006 22:26:19; Dark ; 39.5; 147; Alp Ara ; 2.88; 26000;occ; 79; 0;22185
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11;-2103.7; 29-MAY-2006 17:43:12; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;22196  
12;-1645.6; 29-MAY-2006 17:50:50; Bright; 41.0; 53; 43Bet And ; 2.05; 3300;occ; 82; 0;22196  
13;-1487.3; 29-MAY-2006 17:53:29; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;22196  
14;-1200.3; 29-MAY-2006 17:58:16; Dark ; 47.5; 140; 88Gam Peg ; 2.83; 26000;occ; 95; 0;22196  
15; -784.0; 29-MAY-2006 18:05:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22196  
16; -664.6; 29-MAY-2006 18:07:11; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;22196  
17; -164.9; 29-MAY-2006 18:15:31; Dark ; 62.0; 18; 24Alp PsA ; 1.17; 9700;occ; 124; 0;22196  
18; 47.7; 29-MAY-2006 18:19:04; Dark ; 60.5; 63; Bet Gru ; 2.15; 2800;occ; 121; 0;22197  
19; 157.0; 29-MAY-2006 18:20:53; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;22197  
20; 463.8; 29-MAY-2006 18:26:00; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;22197  
21; 1020.1; 29-MAY-2006 18:35:16; Dark ; 36.0; 40; The Sco ; 1.86; 7100;occ; 72; 0;22197

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1;-5015.8; 29-MAY-2006 18:35:16; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;22197  
2;-4907.1; 29-MAY-2006 18:37:05; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;22197  
3;-4796.3; 29-MAY-2006 18:38:56; Dark ; 45.5; 75; 26Eps Sco ; 2.29; 4250;occ; 91; 0;22197  
4;-4671.9; 29-MAY-2006 18:41:00; Dark ; 40.5; 136; 23Tau Sco ; 2.82; 30000;occ; 81; 0;22197  
5;-4448.6; 29-MAY-2006 18:44:43; Bright; 47.0; 86; 35Eta Oph ; 2.43; 10200;occ; 94; 0;22197  
6;-4334.5; 29-MAY-2006 18:46:37; Bright; 42.5; 98; 13Zet Oph ; 2.57; 30000;occ; 85; 0;22197  
7;-4201.4; 29-MAY-2006 18:48:50; Bright; 40.5; 120; 1Del Oph ; 2.73; 3200;occ; 81; 0;22197  
8;-4019.8; 29-MAY-2006 18:51:52; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;22197  
9;-3662.1; 29-MAY-2006 18:57:50; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;22197  
10;-3488.9; 29-MAY-2006 19:00:43; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;22197  
11;-3020.8; 29-MAY-2006 19:08:31; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;22197  
12;-2386.9; 29-MAY-2006 19:19:05; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;22197  
13;-2103.6; 29-MAY-2006 19:23:48; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;22197  
14;-1645.6; 29-MAY-2006 19:31:26; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;22197  
15;-1487.1; 29-MAY-2006 19:34:05; Dark ; 53.0; 58; 21Alp And ; 2.07; 11000;occ; 106; 0;22197  
16;-1200.0; 29-MAY-2006 19:38:52; Dark ; 50.0; 140; 88Gam Peg ; 2.83; 26000;occ; 100; 0;22197  
17; -783.4; 29-MAY-2006 19:45:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22197  
18; -664.0; 29-MAY-2006 19:47:48; Dark ; 47.0; 52; 16Bet Cet ; 2.04; 4500;occ; 94; 0;22197  
19; -163.7; 29-MAY-2006 19:56:08; Dark ; 61.5; 18; 24Alp PsA ; 1.17; 9700;occ; 123; 0;22197  
20; 48.3; 29-MAY-2006 19:59:40; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;22198  
21; 157.8; 29-MAY-2006 20:01:30; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;22198  
22; 464.5; 29-MAY-2006 20:06:36; Dark ; 39.5; 45; Alp Pav ; 1.94; 26000;occ; 79; 0;22198

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1; 3018.3; 29-MAY-2006 02:22:35; Bright; 35.0; 119; 14Eta Dra ; 2.73; 4700;occ; 70; 0;22187

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1;-2374.5; 30-MAY-2006 05:22:52; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 31;22203

2;-2103.6; 30-MAY-2006 05:27:23; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;22203



3;-1644.5; 30-MAY-2006 05:35:02; Bright; 42.0; 53; 43Bet And ; 2.05; 3300;occ; 84; 0;22203  
4;-1485.4; 30-MAY-2006 05:37:41; Dark ; 52.5; 58; 21Alp And ; 2.07; 11000;occ; 105; 0;22203  
5;-1196.8; 30-MAY-2006 05:42:30; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;22203  
6; -778.3; 30-MAY-2006 05:49:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22203  
7; -660.5; 30-MAY-2006 05:51:26; Dark ; 46.0; 52; 16Bet Cet ; 2.04; 4500;occ; 92; 0;22203  
8; -156.2; 30-MAY-2006 05:59:51; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;22203  
9; 53.8; 30-MAY-2006 06:03:21; Dark ; 60.0; 63; Bet Gru ; 2.15; 2800;occ; 120; 0;22204  
10; 163.8; 30-MAY-2006 06:05:11; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;22204  
11; 469.0; 30-MAY-2006 06:10:16; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;22204  
12; 1023.9; 30-MAY-2006 06:19:31; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;22204  
13; 1132.4; 30-MAY-2006 06:21:19; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;22204  
14; 1242.2; 30-MAY-2006 06:23:09; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;22204  
15; 1366.1; 30-MAY-2006 06:25:13; Dark ; 42.5; 136; 23Tau Sco ; 2.82; 30000;occ; 85; 0;22204  
16; 1588.5; 30-MAY-2006 06:28:55; Bright; 47.0; 86; 35Eta Oph ; 2.43; 10200;occ; 94; 0;22204  
17; 1702.0; 30-MAY-2006 06:30:49; Bright; 42.5; 98; 13Zet Oph ; 2.57; 30000;occ; 85; 0;22204  
18; 1834.8; 30-MAY-2006 06:33:02; Bright; 40.5; 120; 1Del Oph ; 2.73; 3200;occ; 81; 0;22204  
19; 2016.3; 30-MAY-2006 06:36:03; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;22204  
20; 2373.2; 30-MAY-2006 06:42:00; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;22204  
21; 2543.6; 30-MAY-2006 06:44:50; Bright; 45.0; 133; 40Zet Her ; 2.81; 6000;occ; 90; 0;22204  
22; 3013.4; 30-MAY-2006 06:52:40; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;22204  
23; 3645.3; 30-MAY-2006 07:03:12; Bright; 22.0; 89; 5Alp Cep ; 2.45; 8000;occ; 44; 0;22204

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1; 1027.6; 30-MAY-2006 19:44:22; Dark ; 45.5; 40; The Sco ; 1.86; 7100;occ; 91; 0;22212  
2; 1136.0; 30-MAY-2006 19:46:10; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;22212  
3; 1244.5; 30-MAY-2006 19:47:59; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;22212  
4; 1368.1; 30-MAY-2006 19:50:02; Dark ; 41.5; 136; 23Tau Sco ; 2.82; 30000;occ; 83; 0;22212  
5; 1589.2; 30-MAY-2006 19:53:43; Bright; 46.5; 86; 35Eta Oph ; 2.43; 10200;occ; 93; 0;22212  
6; 1702.1; 30-MAY-2006 19:55:36; Bright; 42.5; 98; 13Zet Oph ; 2.57; 30000;occ; 85; 0;22212  
7; 1834.6; 30-MAY-2006 19:57:49; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;22212  
8; 2015.6; 30-MAY-2006 20:00:50; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;22212  
9; 2372.0; 30-MAY-2006 20:06:46; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;22212  
10; 2539.1; 30-MAY-2006 20:09:33; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;22212  
11; 3010.9; 30-MAY-2006 20:17:25; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;22212  
12; 3640.5; 30-MAY-2006 20:27:55; Bright; 47.5; 89; 5Alp Cep ; 2.45; 8000;occ; 95; 0;22212  
13; 3931.3; 30-MAY-2006 20:32:46; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;22212  
14; 4392.3; 30-MAY-2006 20:40:27; Bright; 42.5; 53; 43Bet And ; 2.05; 3300;occ; 85; 0;22212  
15; 4552.3; 30-MAY-2006 20:43:06; Dark ; 53.0; 58; 21Alp And ; 2.07; 11000;occ; 106; 0;22212  
16; 4843.3; 30-MAY-2006 20:47:57; Dark ; 49.5; 140; 88Gam Peg ; 2.83; 26000;occ; 99; 0;22212

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1; -771.5; 30-MAY-2006 20:54:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22212  
2; -655.8; 30-MAY-2006 20:56:55; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;22212  
3; -146.0; 30-MAY-2006 21:05:25; Dark ; 63.5; 18; 24Alp PsA ; 1.17; 9700;occ; 127; 0;22212  
4; 60.8; 30-MAY-2006 21:08:51; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;22213  
5; 171.6; 30-MAY-2006 21:10:42; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;22213  
6; 474.8; 30-MAY-2006 21:15:45; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;22213  
7; 1027.4; 30-MAY-2006 21:24:58; Dark ; 47.0; 40; The Sco ; 1.86; 7100;occ; 94; 0;22213  
8; 1135.8; 30-MAY-2006 21:26:46; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;22213  
9; 1244.4; 30-MAY-2006 21:28:35; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;22213  
10; 1367.7; 30-MAY-2006 21:30:38; Dark ; 42.5; 136; 23Tau Sco ; 2.82; 30000;occ; 85; 0;22213  
11; 1588.7; 30-MAY-2006 21:34:19; Bright; 46.5; 86; 35Eta Oph ; 2.43; 10200;occ; 93; 0;22213  
12; 1701.7; 30-MAY-2006 21:36:12; Bright; 40.5; 98; 13Zet Oph ; 2.57; 30000;occ; 81; 0;22213  
13; 1834.0; 30-MAY-2006 21:38:25; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;22213  
14; 2015.1; 30-MAY-2006 21:41:26; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;22213  
15; 2371.3; 30-MAY-2006 21:47:22; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;22213  
16; 2538.0; 30-MAY-2006 21:50:09; Bright; 43.5; 133; 40Zet Her ; 2.81; 6000;occ; 87; 0;22213  
17; 3010.2; 30-MAY-2006 21:58:01; Bright; 36.0; 119; 14Eta Dra ; 2.73; 4700;occ; 72; 0;22213  
18; 3639.2; 30-MAY-2006 22:08:30; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;22213  
19; 3930.7; 30-MAY-2006 22:13:21; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;22213  
20; 4391.9; 30-MAY-2006 22:21:02; Bright; 42.0; 53; 43Bet And ; 2.05; 3300;occ; 84; 0;22213  
21; 4551.9; 30-MAY-2006 22:23:43; Dark ; 52.0; 58; 21Alp And ; 2.07; 11000;occ; 104; 0;22213  
22; 4843.1; 30-MAY-2006 22:28:34; Dark ; 51.0; 140; 88Gam Peg ; 2.83; 26000;occ; 102; 0;22213  
23; 5265.2; 30-MAY-2006 22:35:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22213

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1;-2390.6; 30-MAY-2006 07:03:12; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;22204  
2;-2104.0; 30-MAY-2006 07:07:59; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;22204  
3;-1644.3; 30-MAY-2006 07:15:38; Bright; 42.0; 53; 43Bet And ; 2.05; 3300;occ; 84; 0;22204  
4;-1485.2; 30-MAY-2006 07:18:18; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;22204  
5;-1196.4; 30-MAY-2006 07:23:06; Dark ; 49.0; 140; 88Gam Peg ; 2.83; 26000;occ; 98; 0;22204

6; -777.5; 30-MAY-2006 07:30:05; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22204  
7; -659.9; 30-MAY-2006 07:32:03; Dark ; 48.0; 52; 16Bet Cet ; 2.04; 4500;occ; 96; 0;22204  
8; -155.1; 30-MAY-2006 07:40:28; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;22204  
9; 54.7; 30-MAY-2006 07:43:57; Dark ; 61.0; 63; Bet Gru ; 2.15; 2800;occ; 122; 0;22205  
10; 164.7; 30-MAY-2006 07:45:47; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;22205  
11; 469.7; 30-MAY-2006 07:50:52; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;22205  
12; 1024.3; 30-MAY-2006 08:00:07; Dark ; 45.0; 40; The Sco ; 1.86; 7100;occ; 90; 0;22205  
13; 1132.9; 30-MAY-2006 08:01:56; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;22205  
14; 1242.5; 30-MAY-2006 08:03:45; Dark ; 45.5; 75; 26Eps Sco ; 2.29; 4250;occ; 91; 0;22205  
15; 1366.5; 30-MAY-2006 08:05:49; Dark ; 40.0; 136; 23Tau Sco ; 2.82; 30000;occ; 80; 0;22205  
16; 1588.6; 30-MAY-2006 08:09:31; Bright; 46.5; 86; 35Eta Oph ; 2.43; 10200;occ; 93; 0;22205

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1; 1701.4; 30-MAY-2006 08:11:25; Bright; 41.0; 98; 13Zet Oph ; 2.57; 30000;occ; 82; 0;22205  
2; 1834.1; 30-MAY-2006 08:13:37; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;22205  
3; 2015.5; 30-MAY-2006 08:16:39; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;22205  
4; 2372.5; 30-MAY-2006 08:22:36; Bright; 36.5; 67; 5Alp CrB ; 2.22; 11000;occ; 73; 0;22205  
5; 2542.4; 30-MAY-2006 08:25:26; Bright; 65.0; 133; 40Zet Her ; 2.81; 6000;occ; 130; 0;22205  
6; 3012.6; 30-MAY-2006 08:33:16; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;22205  
7; 3644.0; 30-MAY-2006 08:43:47; Bright; 60.5; 89; 5Alp Cep ; 2.45; 8000;occ; 121; 0;22205  
8; 3931.3; 30-MAY-2006 08:48:34; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;22205  
9; 4391.2; 30-MAY-2006 08:56:14; Bright; 40.5; 53; 43Bet And ; 2.05; 3300;occ; 81; 0;22205  
10; 4550.4; 30-MAY-2006 08:58:54; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;22205  
11; 4839.5; 30-MAY-2006 09:03:43; Dark ; 50.5; 140; 88Gam Peg ; 2.83; 26000;occ; 101; 0;22205  
12; 5258.7; 30-MAY-2006 09:10:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22205  
13; 5376.3; 30-MAY-2006 09:12:39; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;22205  
14; 5881.5; 30-MAY-2006 09:21:05; Dark ; 60.5; 18; 24Alp PsA ; 1.17; 9700;occ; 121; 0;22205  
15; 6090.9; 30-MAY-2006 09:24:34; Dark ; 62.0; 63; Bet Gru ; 2.15; 2800;occ; 124; 0;22205  
16; 6201.0; 30-MAY-2006 09:26:24; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;22205  
17; 6505.9; 30-MAY-2006 09:31:29; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;22205  
18; 7060.1; 30-MAY-2006 09:40:43; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;22205  
19; 7168.7; 30-MAY-2006 09:42:32; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;22205  
20; 7278.2; 30-MAY-2006 09:44:21; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;22205  
21; 7402.2; 30-MAY-2006 09:46:25; Dark ; 40.0; 136; 23Tau Sco ; 2.82; 30000;occ; 80; 0;22205  
22; 7624.0; 30-MAY-2006 09:50:07; Bright; 46.0; 86; 35Eta Oph ; 2.43; 10200;occ; 92; 0;22205  
23; 7737.4; 30-MAY-2006 09:52:01; Bright; 42.0; 98; 13Zet Oph ; 2.57; 30000;occ; 84; 0;22205

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1; -4201.7; 30-MAY-2006 09:54:13; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;22206  
2; -4020.3; 30-MAY-2006 09:57:15; Bright; 44.0; 102; 24Alp Ser ; 2.60; 4250;occ; 88; 0;22206  
3; -3663.5; 30-MAY-2006 10:03:11; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;22206  
4; -3494.0; 30-MAY-2006 10:06:01; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;22206  
5; -3023.6; 30-MAY-2006 10:13:51; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;22206  
6; -2392.5; 30-MAY-2006 10:24:22; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;22206  
7; -2104.5; 30-MAY-2006 10:29:10; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;22206  
8; -1644.6; 30-MAY-2006 10:36:50; Bright; 42.0; 53; 43Bet And ; 2.05; 3300;occ; 84; 0;22206  
9; -1485.2; 30-MAY-2006 10:39:30; Dark ; 52.0; 58; 21Alp And ; 2.07; 11000;occ; 104; 0;22206  
10; -1195.9; 30-MAY-2006 10:44:19; Dark ; 51.0; 140; 88Gam Peg ; 2.83; 26000;occ; 102; 0;22206  
11; -776.3; 30-MAY-2006 10:51:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;22206  
12; -659.3; 30-MAY-2006 10:53:16; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;22206  
13; -153.2; 30-MAY-2006 11:01:42; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;22206  
14; 55.8; 30-MAY-2006 11:05:11; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;22207  
15; 166.1; 30-MAY-2006 11:07:01; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;22207  
16; 470.7; 30-MAY-2006 11:12:06; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;22207  
17; 1024.7; 30-MAY-2006 11:21:20; Dark ; 45.5; 40; The Sco ; 1.86; 7100;occ; 91; 0;22207  
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18; 9665.8; 01-JUN-2006 00:57:55; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;22228  
19; 9965.3; 01-JUN-2006 01:02:55; Bright; 35.5; 76; 27Gam Cas ; 2.30; 30000;occ; 71; 0;22228  
20;10429.3; 01-JUN-2006 01:10:39; Bright; 45.5; 53; 43Bet And ; 2.05; 3300;occ; 91; 0;22228  
21;10591.0; 01-JUN-2006 01:13:20; Dark ; 54.5; 58; 21Alp And ; 2.07; 11000;occ; 109; 0;22228  
22;10887.1; 01-JUN-2006 01:18:16; Dark ; 50.5; 140; 88Gam Peg ; 2.83; 26000;occ; 101; 0;22228  
23;11314.6; 01-JUN-2006 01:25:24; Dark ; 30.0; 0; ; 0.00; 0;occ; 60; 0;22228