

# GOMOS Daily Report 05-NOV-2004

## Level 0 and Level 1 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	07NOV2004 05:01:39
Data source version	GOMOS/4.02
Start time of products	QDS_YESTERDAY(/START)-1D (05NOV2004 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP)-1D (06NOV2004 00:00:00)

Store outputs flag	1
Nb of level 1b prods	49
Nb of prods with errors	0

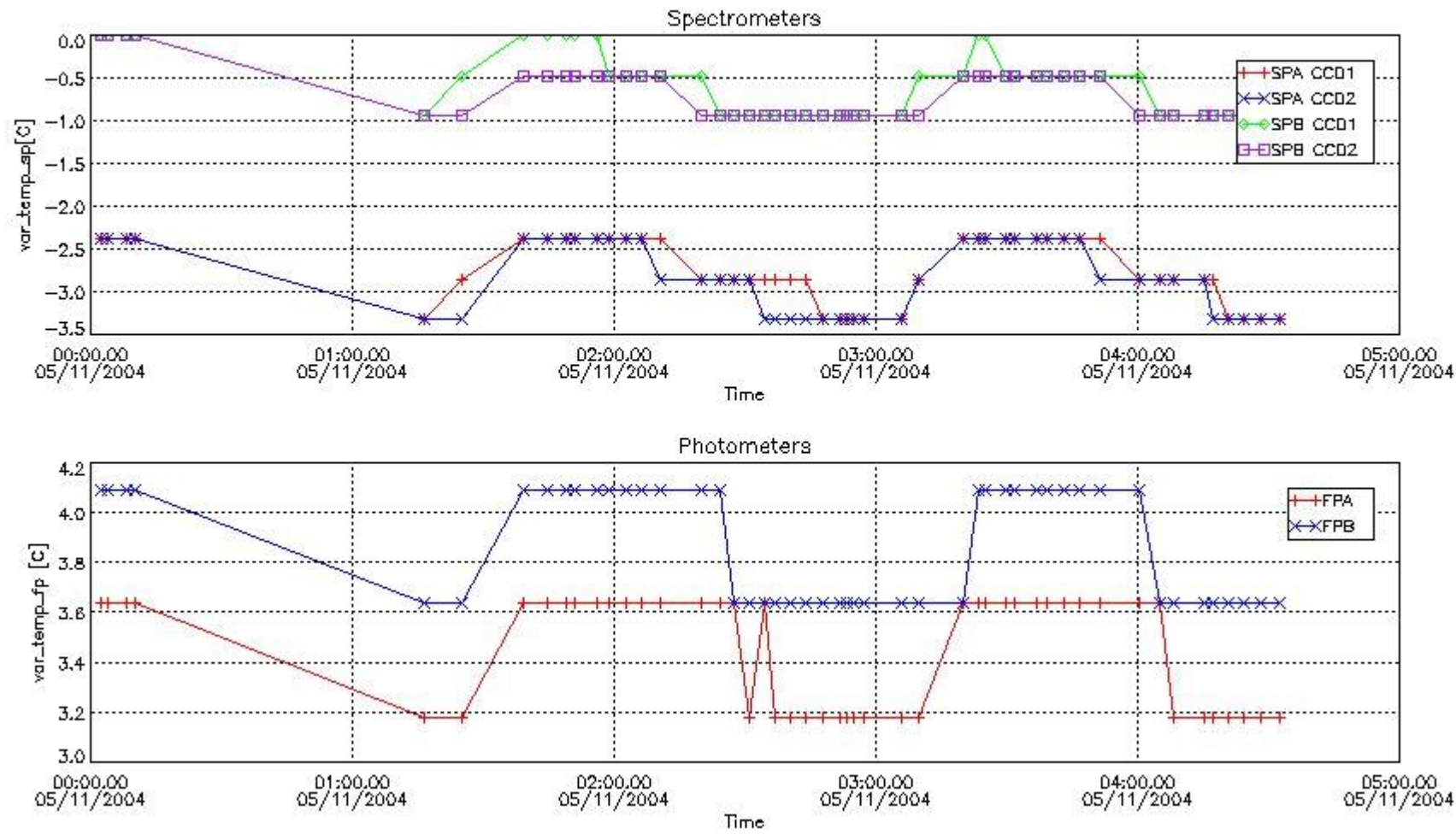
## 2. Summary of products arrived in PCF (Product Control Facility)

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

### 2.2 Summary of processed GOM\_TRA\_1P products

Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
GOM_TRA_1PNPDE20041105_000226_000000402031_00445_14026_0001.N1	05-NOV-2004 00:02:26	Dark	39.500	99	Del Cen	2.5750	26000.	79	14026	No
GOM_TRA_1PNPDE20041105_000358_000000422031_00445_14026_0002.N1	05-NOV-2004 00:03:58	Dark	41.500	26	Gam Cru	1.6240	2900.0	83	14026	No
GOM_TRA_1PNPDE20041105_000825_000000432031_00446_14027_0003.N1	05-NOV-2004 00:08:25	Dark	42.500	71	Iot Car	2.2460	7700.0	85	14027	No
GOM_TRA_1PNPDE20041105_001020_000000502031_00446_14027_0004.N1	05-NOV-2004 00:10:20	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	14027	No
GOM_TRA_1PNPDE20041105_011637_000000432031_00446_14027_0022.N1	05-NOV-2004 01:16:37	Bright	43.000	174	52Psi UMa	3.0040	4400.0	86	14027	No
GOM_TRA_1PNPDE20041105_012507_000000632031_00446_14027_0023.N1	05-NOV-2004 01:25:07	Bright	63.000	166	17Eps Leo	2.9800	6000.0	126	14027	No
GOM_TRA_1PNPDE20041105_013924_000000792031_00446_14027_0000.N1	05-NOV-2004 01:39:24	Dark	78.500	48	30Alp Hya	1.9770	4100.0	157	14027	No
GOM_TRA_1PNPDE20041105_014434_000000422031_00446_14027_0001.N1	05-NOV-2004 01:44:34	Dark	42.000	26	Gam Cru	1.6240	2900.0	84	14027	No
GOM_TRA_1PNPDE20041105_014900_000000432031_00447_14028_0002.N1	05-NOV-2004 01:49:00	Dark	42.500	71	Iot Car	2.2460	7700.0	85	14028	No
GOM_TRA_1PNPDE20041105_015057_000000532031_00447_14028_0003.N1	05-NOV-2004 01:50:57	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	14028	No
GOM_TRA_1PNPDE20041105_015615_000000522031_00447_14028_0004.N1	05-NOV-2004 01:56:15	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	14028	No
GOM_TRA_1PNPDE20041105_015845_000000852031_00447_14028_0005.N1	05-NOV-2004 01:58:45	Dark	85.000	23	21Eps CMa	1.5020	26000.	170	14028	No
GOM_TRA_1PNPDE20041105_020238_000000432031_00447_14028_0006.N1	05-NOV-2004 02:02:38	Dark	43.000	9	Alp Eri	0.45300	24000.	86	14028	No
GOM_TRA_1PNPDE20041105_020605_000000432031_00447_14028_0007.N1	05-NOV-2004 02:06:05	Dark	42.500	157	The1Eri	2.9060	9300.0	85	14028	No
GOM_TRA_1PNPDE20041105_021035_000001902031_00447_14028_0008.N1	05-NOV-2004 02:10:35	Twilight	190.00	1	9Alp CMa	-1.4400	11000.	380	14028	No
GOM_TRA_1PNPDE20041105_021958_000000572031_00447_14028_0009.N1	05-NOV-2004 02:19:58	Bright	56.500	94	92Alp Cet	2.5260	3100.0	113	14028	No
GOM_TRA_1PNPDE20041105_022429_000000412031_00447_14028_0010.N1	05-NOV-2004 02:24:29	Bright	41.000	105	6Bet Ari	2.6450	8900.0	82	14028	No
GOM_TRA_1PNPDE20041105_022727_000000392031_00447_14028_0011.N1	05-NOV-2004 02:27:27	Bright	38.500	58	21Alp And	2.0730	11000.	77	14028	No
GOM_TRA_1PNPDE20041105_023049_000000422031_00447_14028_0012.N1	05-NOV-2004 02:30:49	Bright	42.000	73	57Gam1And	2.2600	13100.	84	14028	No
GOM_TRA_1PNPDE20041105_023433_000000402031_00447_14028_0013.N1	05-NOV-2004 02:34:33	Bright	40.000	68	18Alp Cas	2.2250	4500.0	80	14028	No
GOM_TRA_1PNPDE20041105_023647_000000732031_00447_14028_0014.N1	05-NOV-2004 02:36:47	Bright	73.000	114	3Iot Aur	2.6930	4600.0	146	14028	No
GOM_TRA_1PNPDE20041105_024015_000000672031_00447_14028_0015.N1	05-NOV-2004 02:40:15	Bright	67.000	6	13Alp Aur	0.080000	3400.0	134	14028	No
GOM_TRA_1PNPDE20041105_024346_000000382031_00447_14028_0016.N1	05-NOV-2004 02:43:46	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	14028	No
GOM_TRA_1PNPDE20041105_024747_000000372031_00447_14028_0000.N1	05-NOV-2004 02:47:47	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	14028	No
GOM_TRA_1PNPDE20041105_025149_000000412031_00447_14028_0001.N1	05-NOV-2004 02:51:49	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	14028	No
GOM_TRA_1PNPDE20041105_025327_000000392031_00447_14028_0002.N1	05-NOV-2004 02:53:27	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	14028	No
GOM_TRA_1PNPDE20041105_025501_000000362031_00447_14028_0003.N1	05-NOV-2004 02:55:01	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	14028	No
GOM_TRA_1PNPDE20041105_025713_000000422031_00447_14028_0004.N1	05-NOV-2004 02:57:13	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	14028	No
GOM_TRA_1PNPDE20041105_030544_000000612031_00447_14028_0005.N1	05-NOV-2004 03:05:44	Bright	61.000	166	17Eps Leo	2.9800	6000.0	122	14028	No
GOM_TRA_1PNPDE20041105_030946_000000662031_00447_14028_0006.N1	05-NOV-2004 03:09:46	Twilight	65.500	22	32Alp Leo	1.3600	15200.	131	14028	No
GOM_TRA_1PNPDE20041105_032002_000000792031_00447_14028_0007.N1	05-NOV-2004 03:20:02	Dark	79.000	48	30Alp Hya	1.9770	4100.0	158	14028	No
GOM_TRA_1PNPDE20041105_032338_000000412031_00447_14028_0008.N1	05-NOV-2004 03:23:38	Dark	41.000	99	Del Cen	2.5750	26000.	82	14028	No
GOM_TRA_1PNPDE20041105_032510_000000472031_00447_14028_0009.N1	05-NOV-2004 03:25:10	Dark	47.000	26	Gam Cru	1.6240	2900.0	94	14028	No
GOM_TRA_1PNPDE20041105_032938_000000402031_00448_14029_0010.N1	05-NOV-2004 03:29:38	Dark	40.000	71	Iot Car	2.2460	7700.0	80	14029	No
GOM_TRA_1PNPDE20041105_033137_000000502031_00448_14029_0011.N1	05-NOV-2004 03:31:37	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	14029	No
GOM_TRA_1PNPDE20041105_033653_000000602031_00448_14029_0012.N1	05-NOV-2004 03:36:53	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	14029	No
GOM_TRA_1PNPDE20041105_033921_000000882031_00448_14029_0013.N1	05-NOV-2004 03:39:21	Dark	88.000	23	21Eps CMa	1.5020	26000.	176	14029	No
GOM_TRA_1PNPDE20041105_034314_000000402031_00448_14029_0014.N1	05-NOV-2004 03:43:14	Dark	39.500	9	Alp Eri	0.45300	24000.	79	14029	No
GOM_TRA_1PNPDE20041105_034641_000000422031_00448_14029_0015.N1	05-NOV-2004 03:46:41	Dark	41.500	157	The1Eri	2.9060	9300.0	83	14029	No
GOM_TRA_1PNPDE20041105_035112_000001902031_00448_14029_0016.N1	05-NOV-2004 03:51:12	Twilight	190.00	1	9Alp CMa	-1.4400	11000.	380	14029	No
GOM_TRA_1PNPDE20041105_040033_000000602031_00448_14029_0017.N1	05-NOV-2004 04:00:33	Bright	59.500	94	92Alp Cet	2.5260	3100.0	119	14029	No
GOM_TRA_1PNPDE20041105_040506_000000402031_00448_14029_0018.N1	05-NOV-2004 04:05:06	Bright	40.000	105	6Bet Ari	2.6450	8900.0	80	14029	No
GOM_TRA_1PNPDE20041105_040803_000000402031_00448_14029_0019.N1	05-NOV-2004 04:08:03	Bright	40.000	58	21Alp And	2.0730	11000.	80	14029	No
GOM_TRA_1PNPDE20041105_041511_000000382031_00448_14029_0021.N1	05-NOV-2004 04:15:11	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	14029	No
GOM_TRA_1PNPDE20041105_041720_000000782031_00448_14029_0022.N1	05-NOV-2004 04:17:20	Bright	77.500	114	3Iot Aur	2.6930	4600.0	155	14029	No
GOM_TRA_1PNPDE20041105_042049_000000642031_00448_14029_0023.N1	05-NOV-2004 04:20:49	Bright	64.000	6	13Alp Aur	0.080000	3400.0	128	14029	No
GOM_TRA_1PNPDE20041105_042423_000000362031_00448_14029_0024.N1	05-NOV-2004 04:24:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	14029	No
GOM_TRA_1PNPDE20041105_042824_000000362031_00448_14029_0000.N1	05-NOV-2004 04:28:24	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	14029	No
GOM_TRA_1PNPDE20041105_043222_000000452031_00448_14029_0001.N1	05-NOV-2004 04:32:22	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	14029	No

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



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

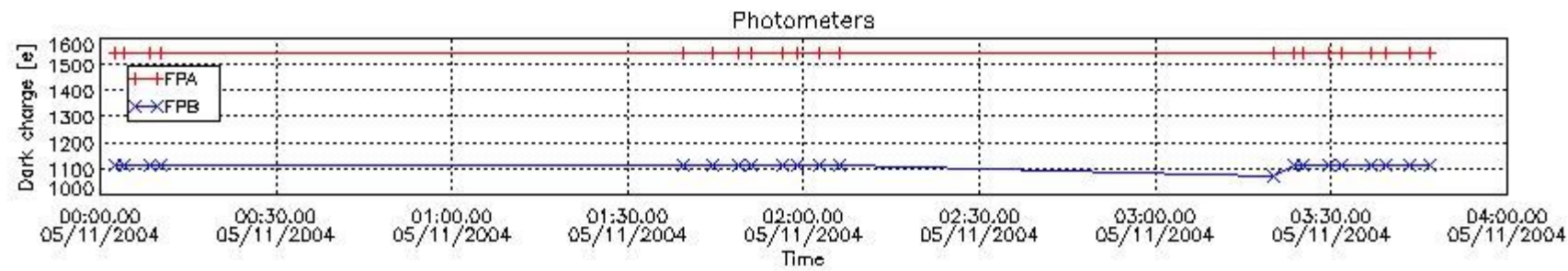
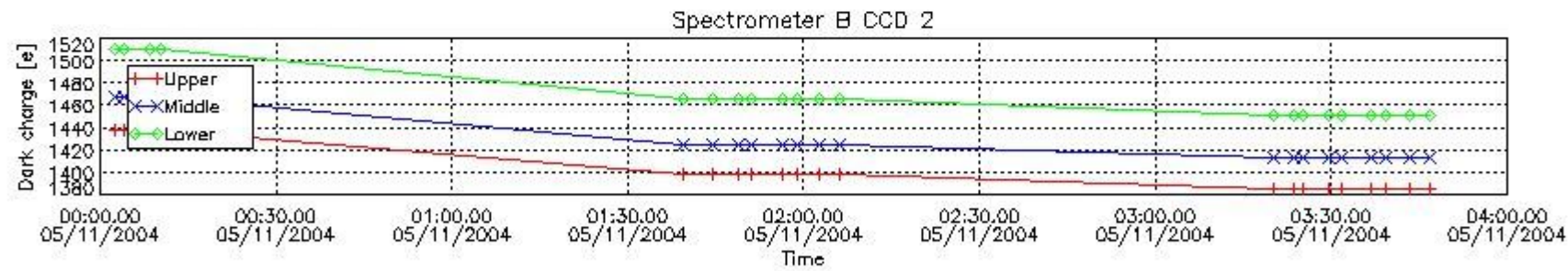
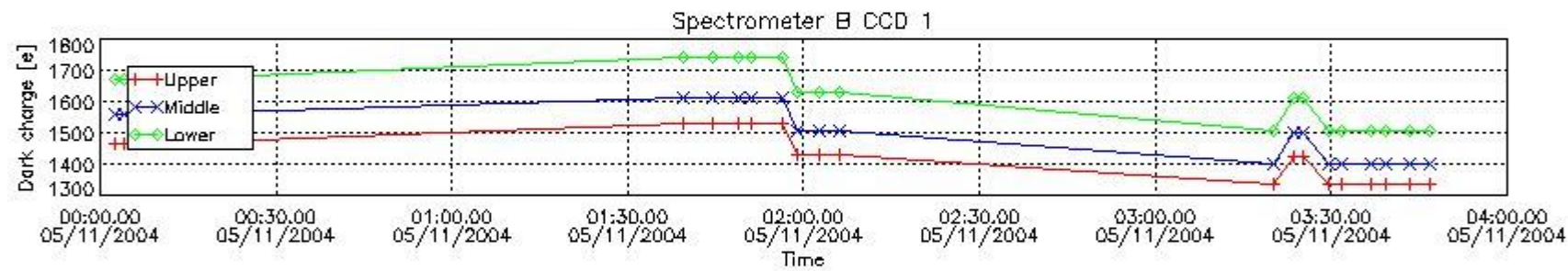
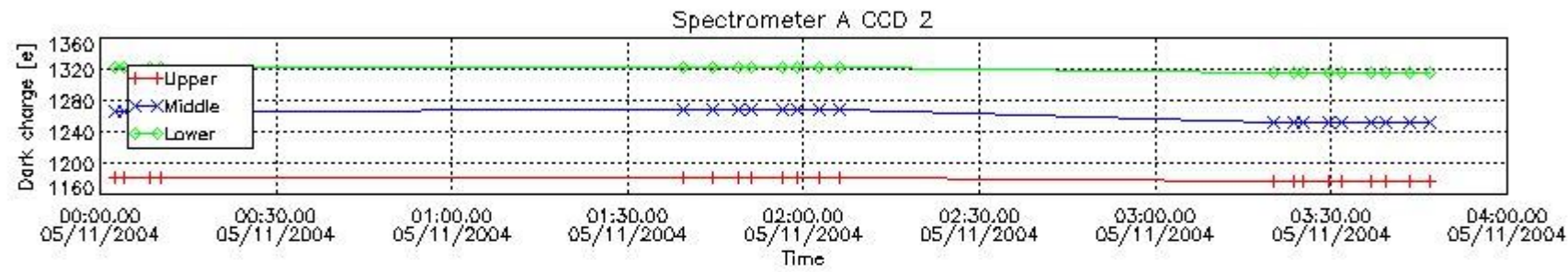
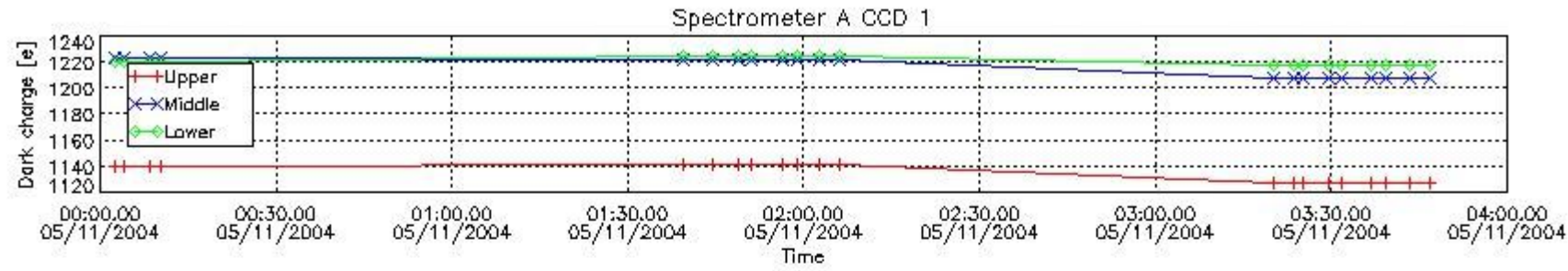
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount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

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

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

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





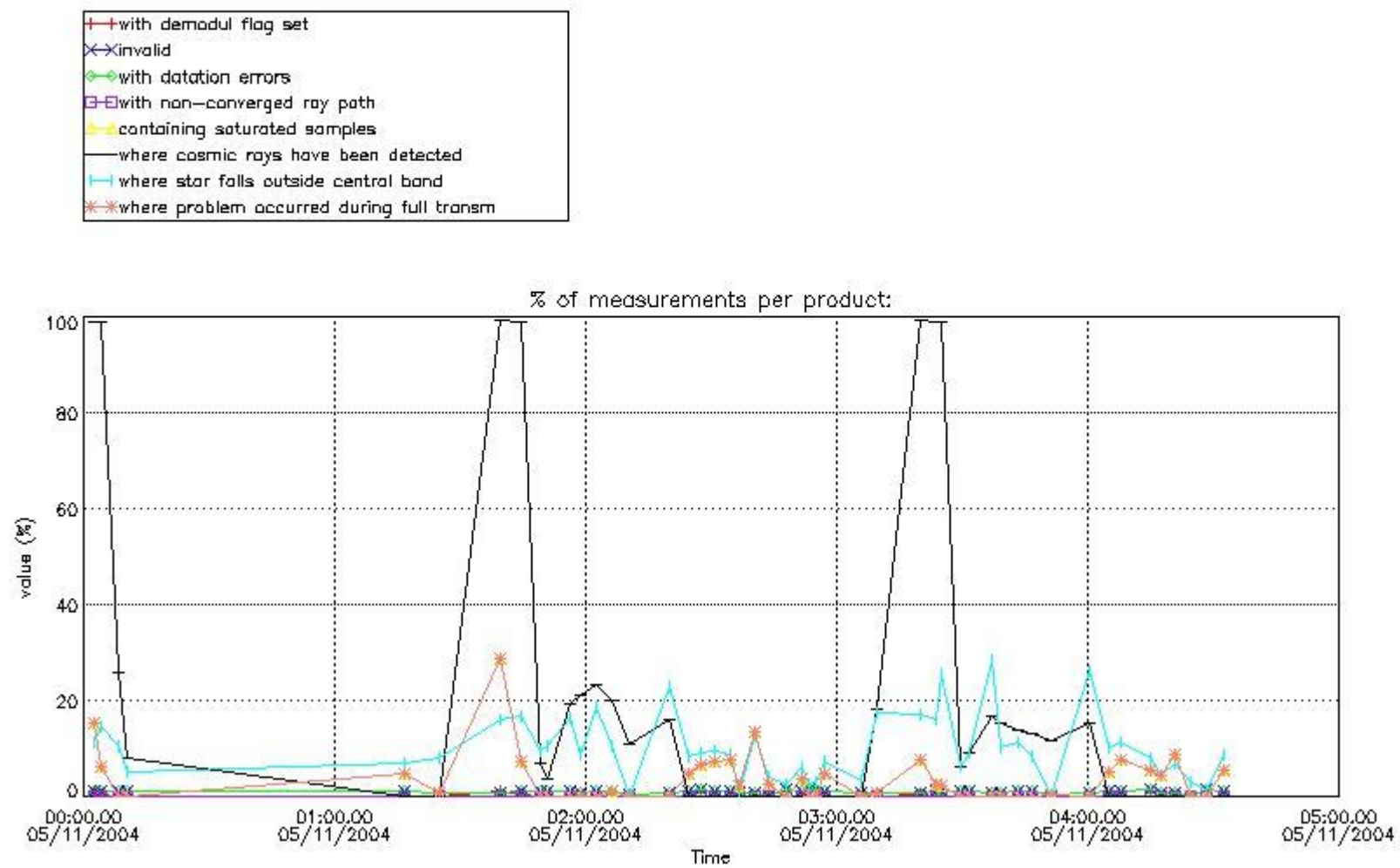
## 5. Demodulation flag and quality information monitoring

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

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

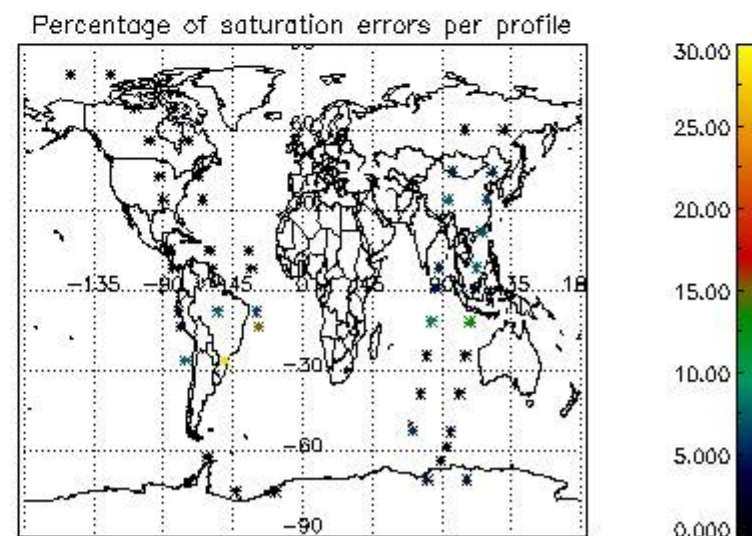
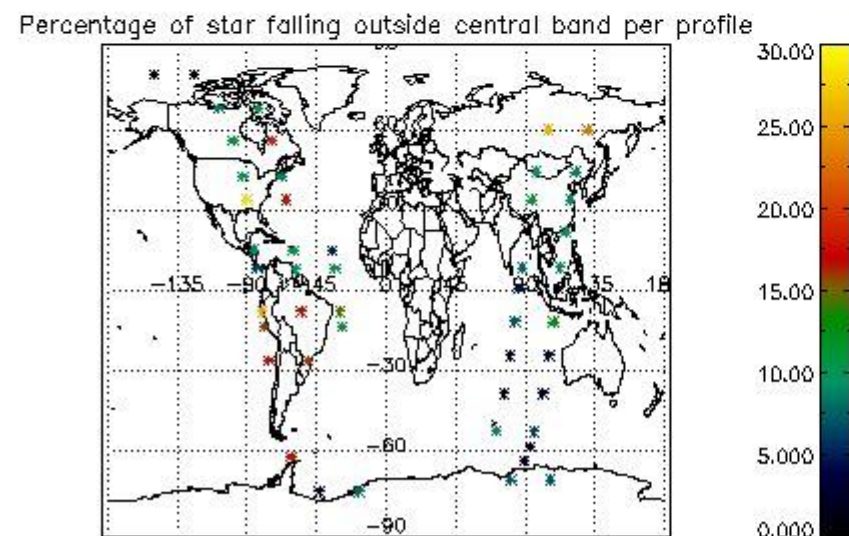
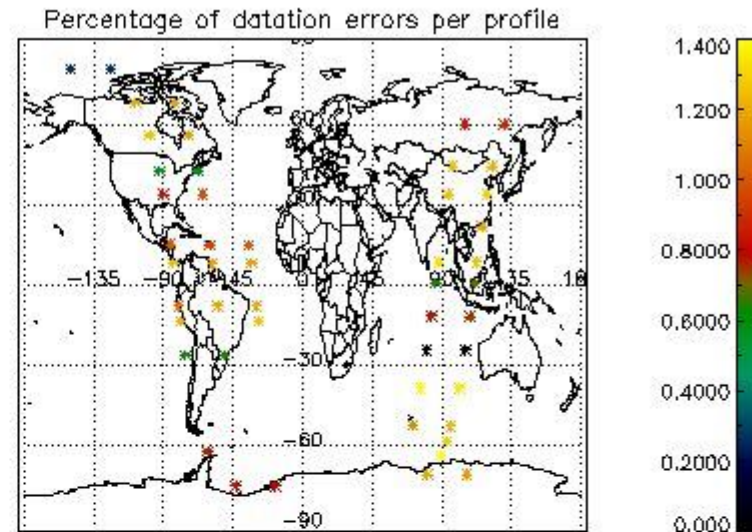
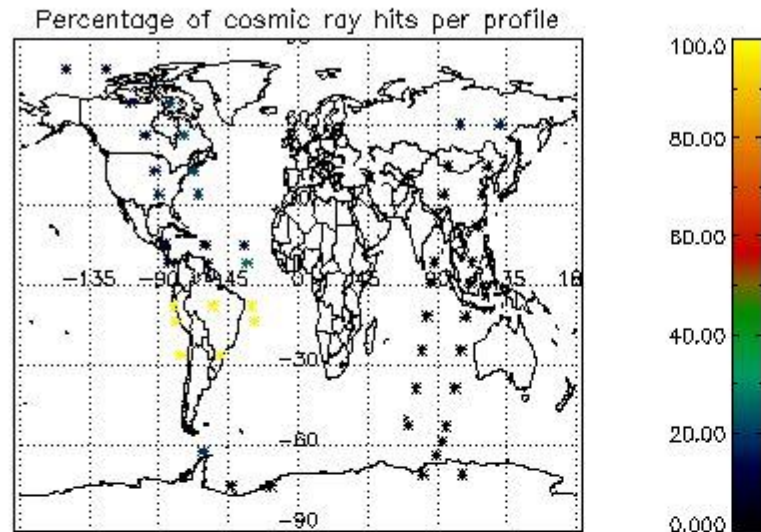
At least one measurement with demodulation flag set:	18.3673 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)





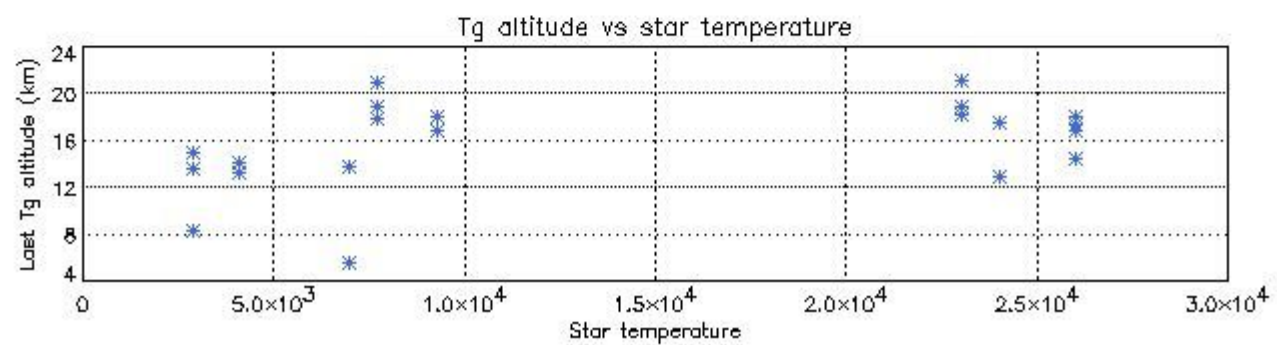
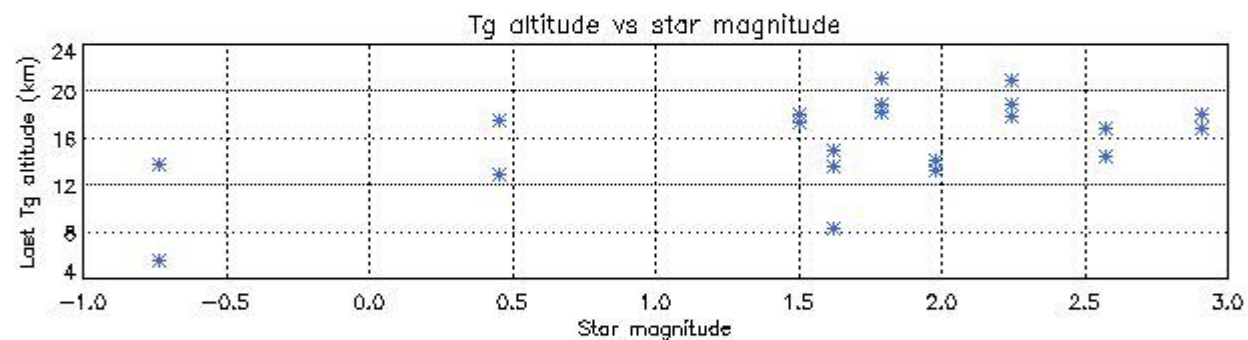
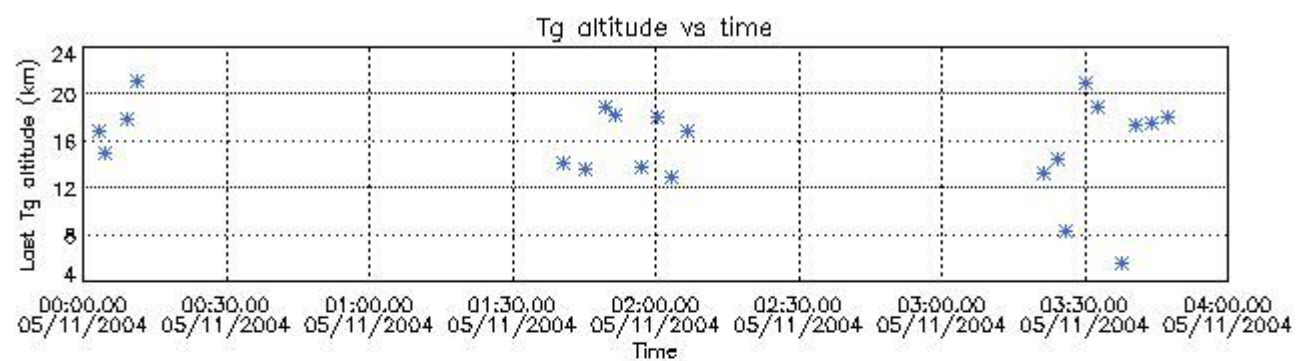
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.770	19.898	69.988
St. deviation:	3.7951	4.2757	50.018
Maximum:	21.059	25.330	99.045
Minimum:	5.6148	8.0661	12.233
Number of data:	21.000	25.000	3.0000

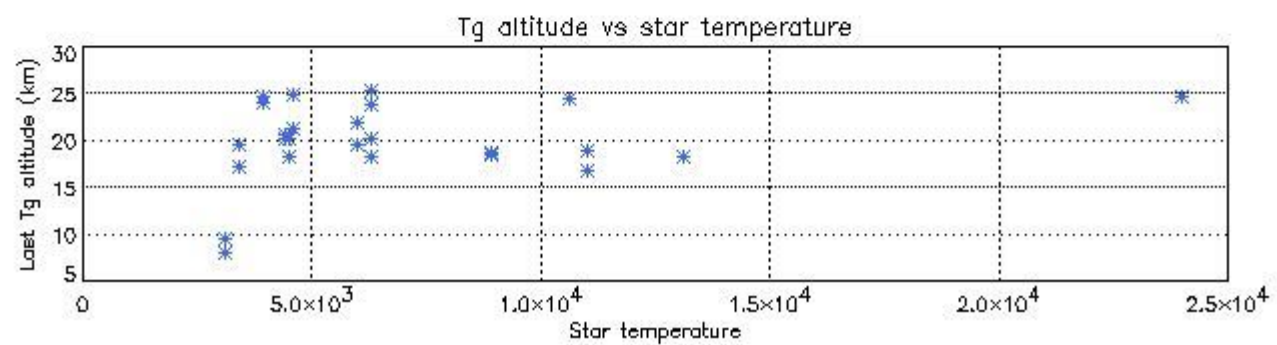
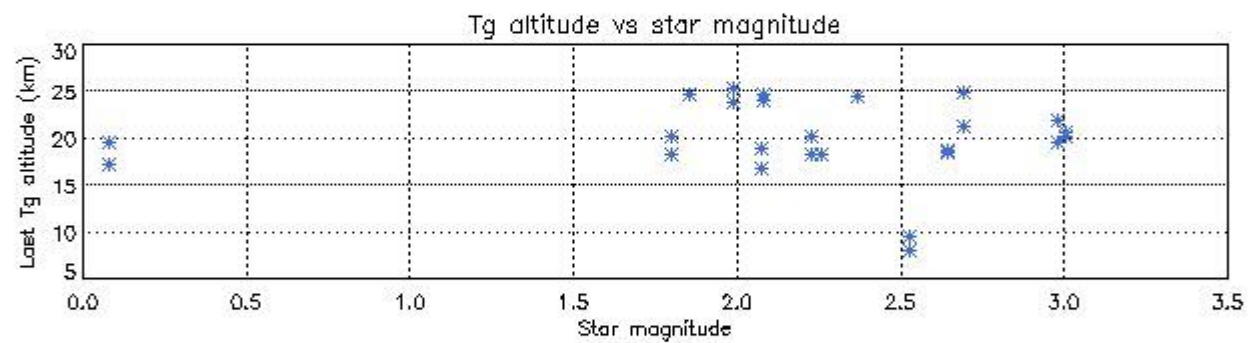
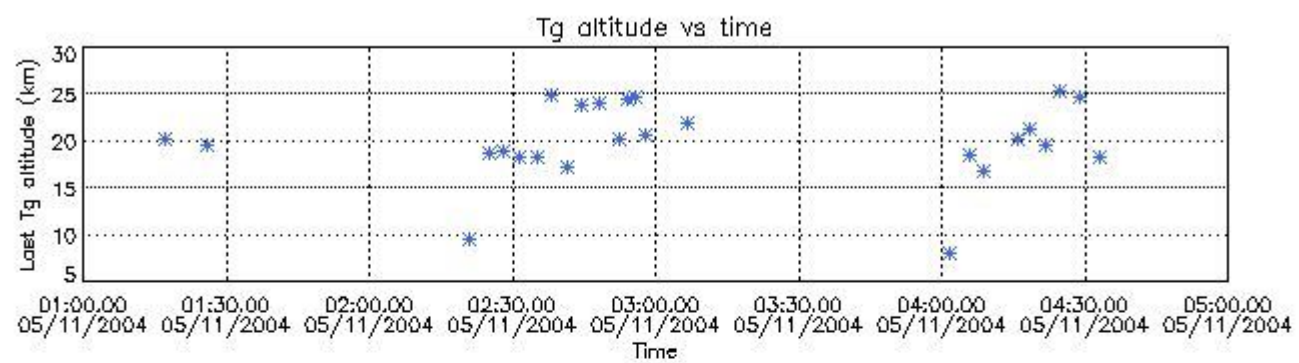
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

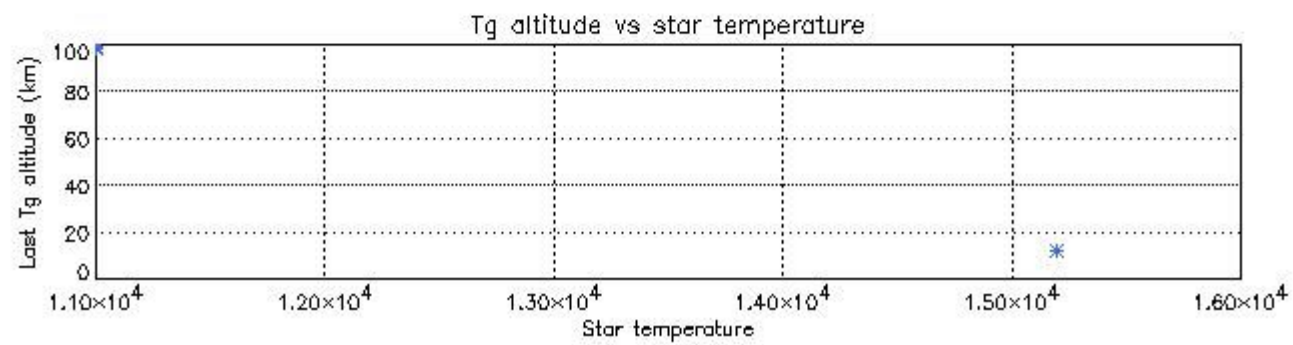
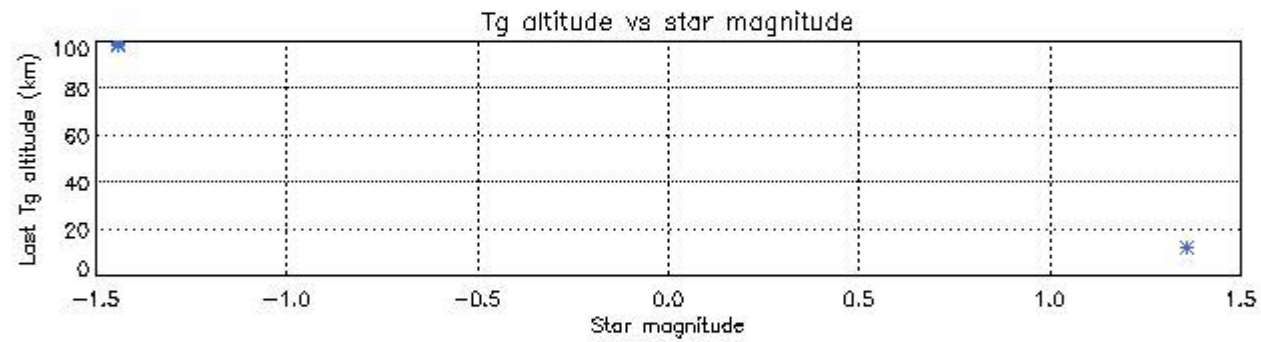
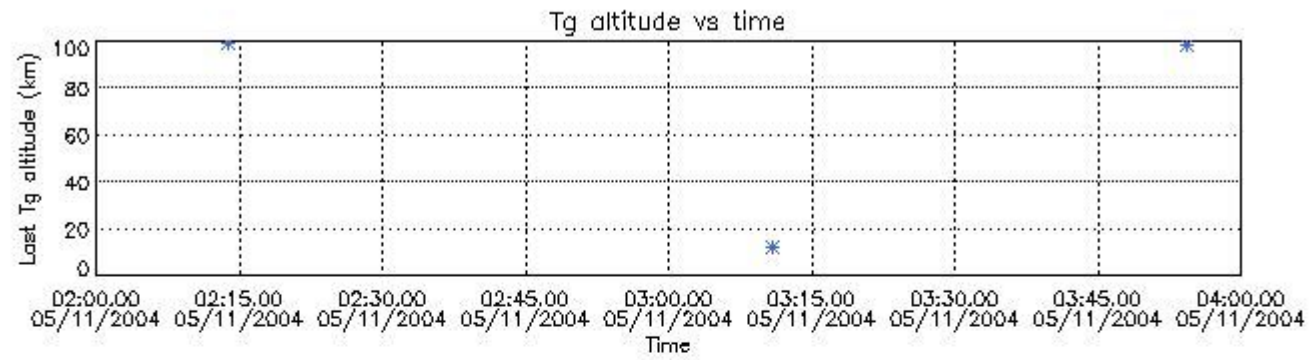
Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products



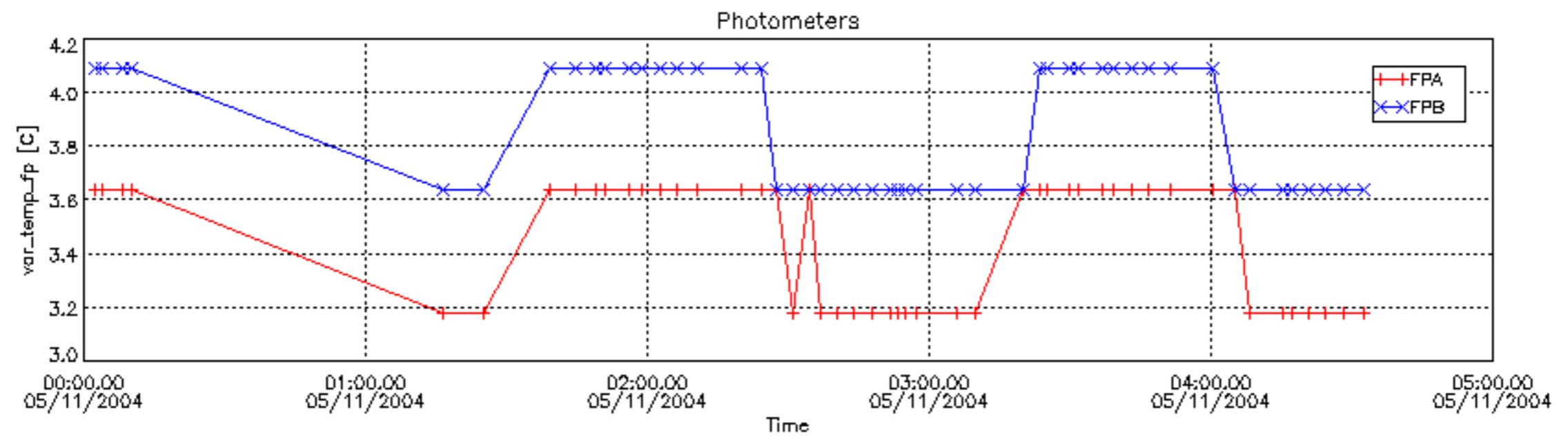
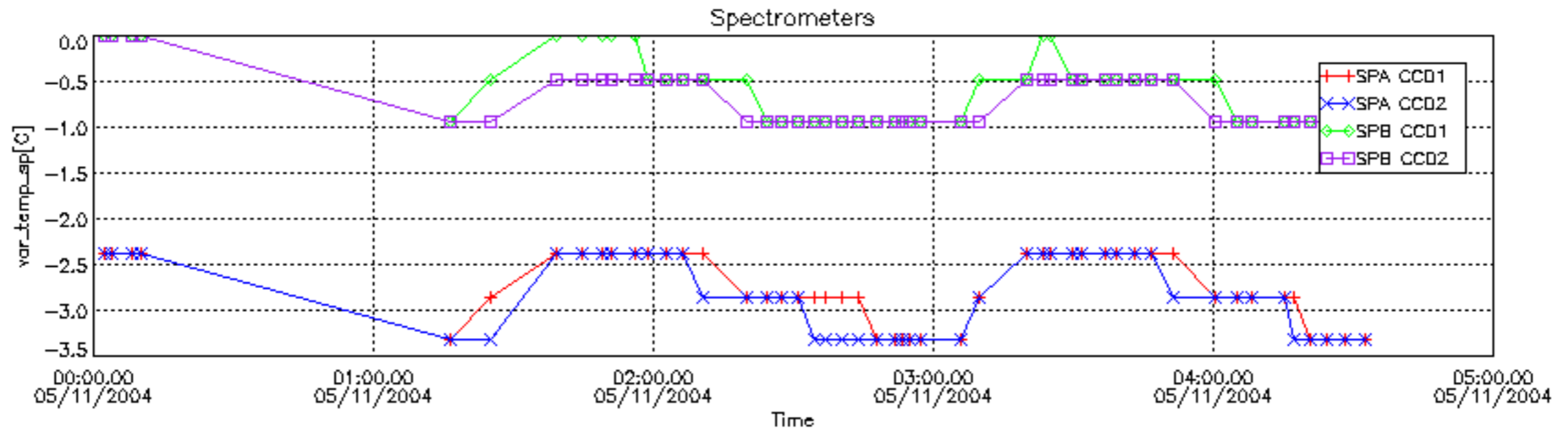
## Tangent altitude at which the star is lost

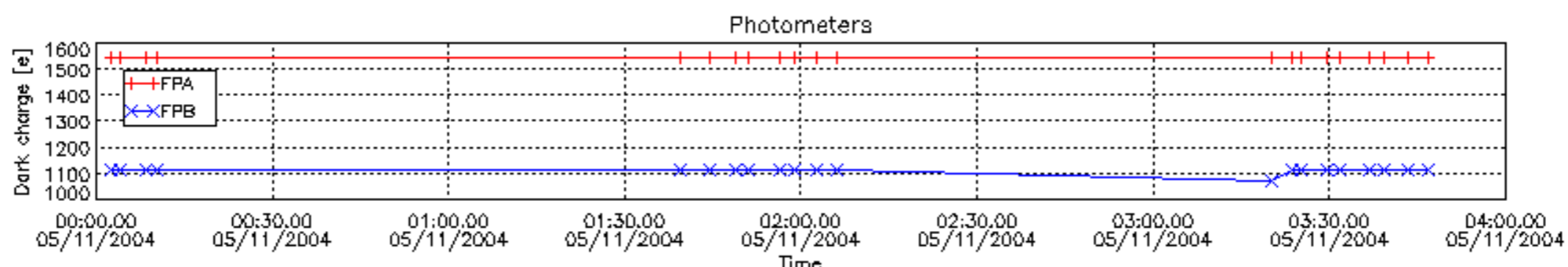
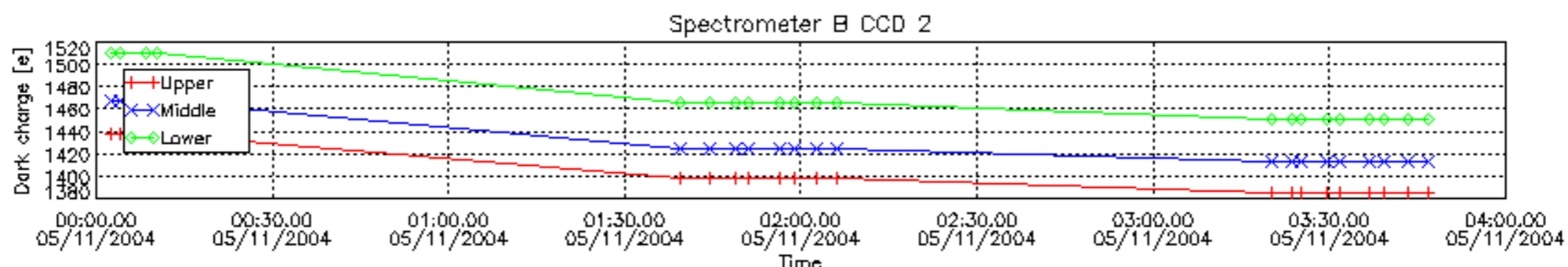
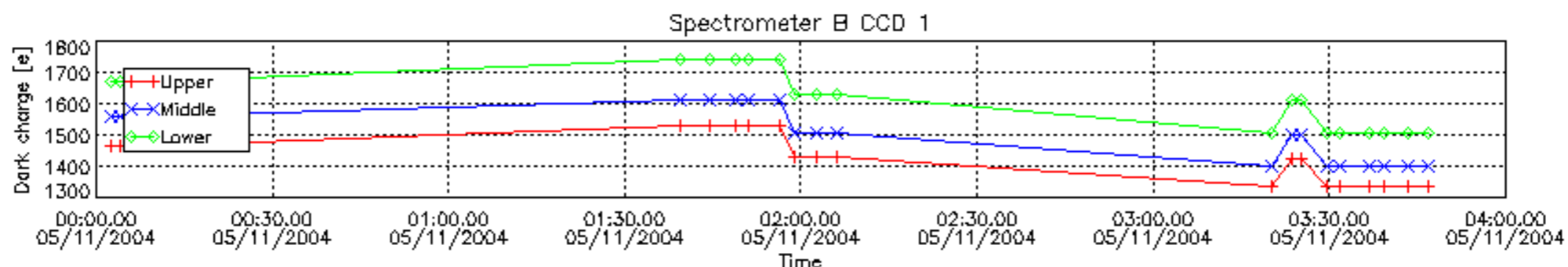
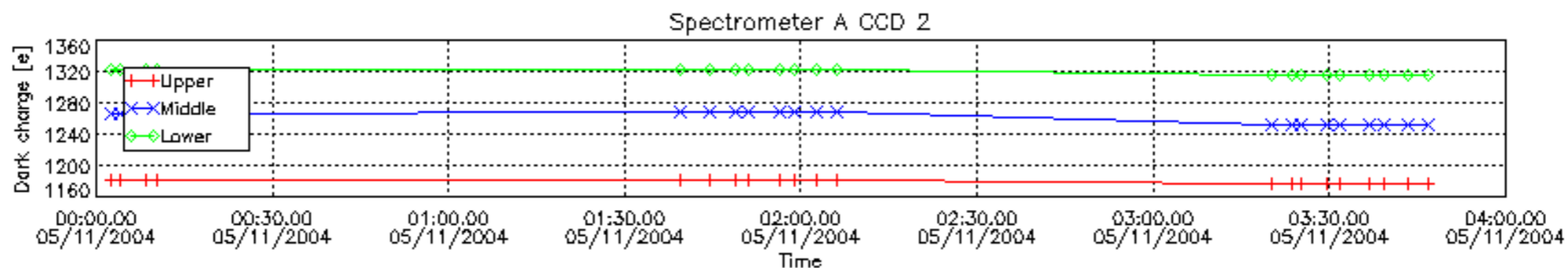
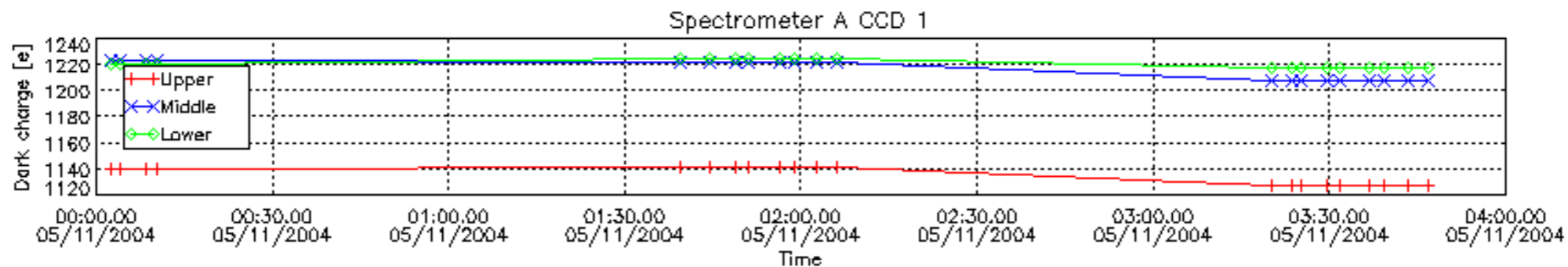


## 7. Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

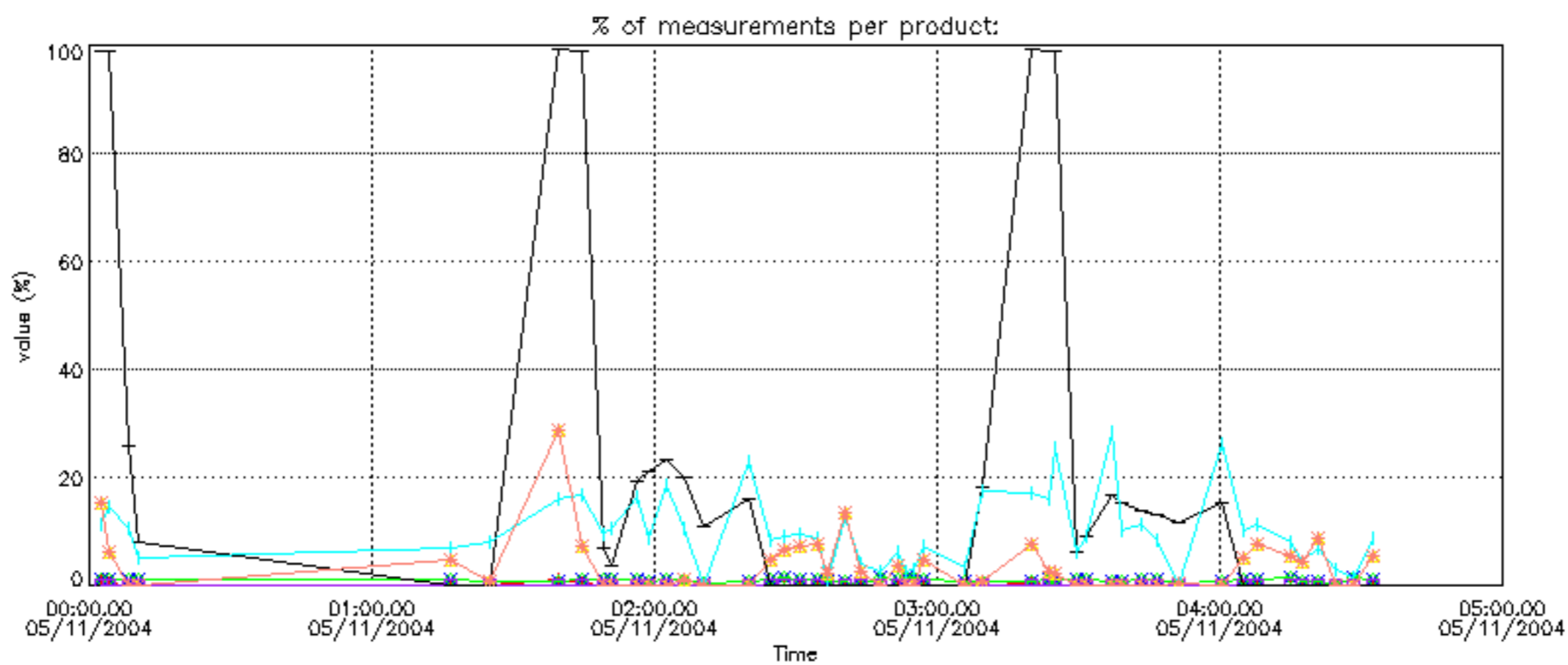
The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere. Statistics above 105 km are computed for every occultation, giving four values per occultation: 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:	1461.4	1447.1	1461.5	1447.8
St. deviation:	4.4258	5.4914	5.5950	6.6129
Maximum:	1500.0	1515.0	1503.0	1497.0
Minimum:	1432.0	1409.0	1448.0	1433.0
Number of data:	28300.	28300.	30950.	30950.

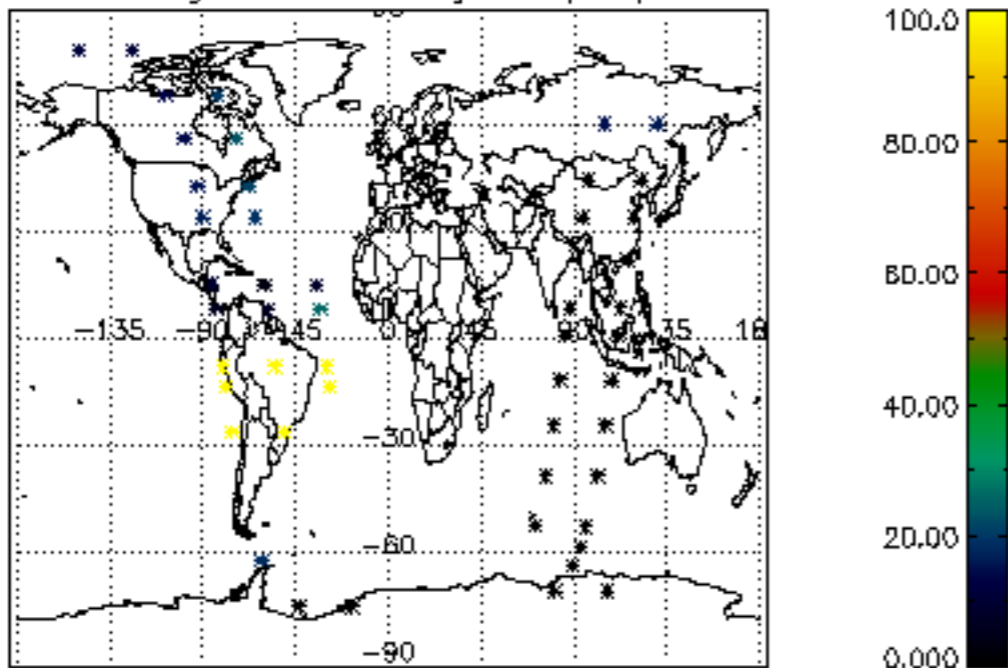




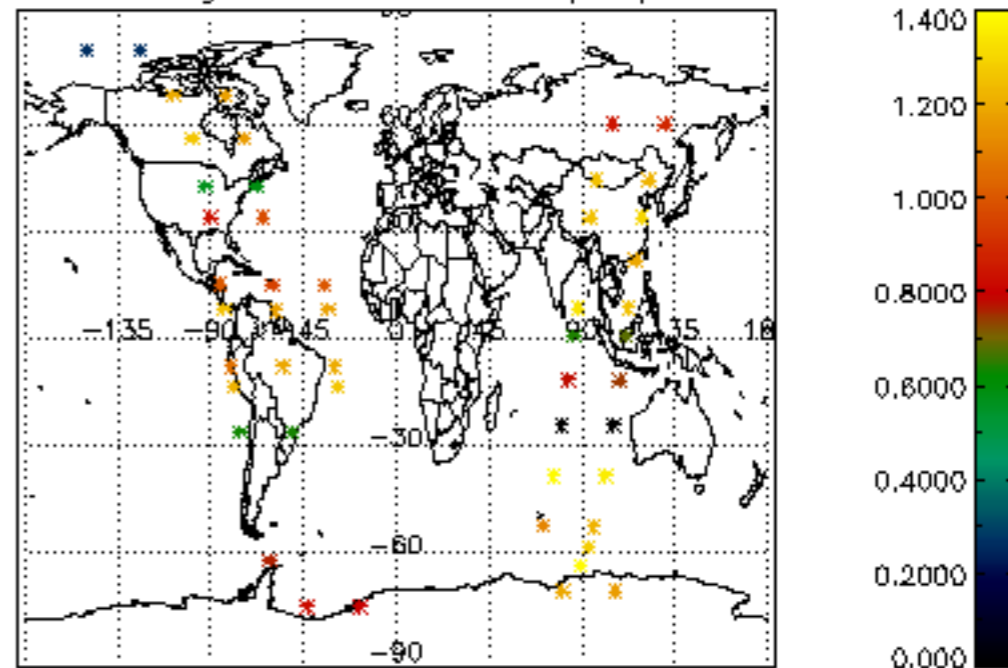




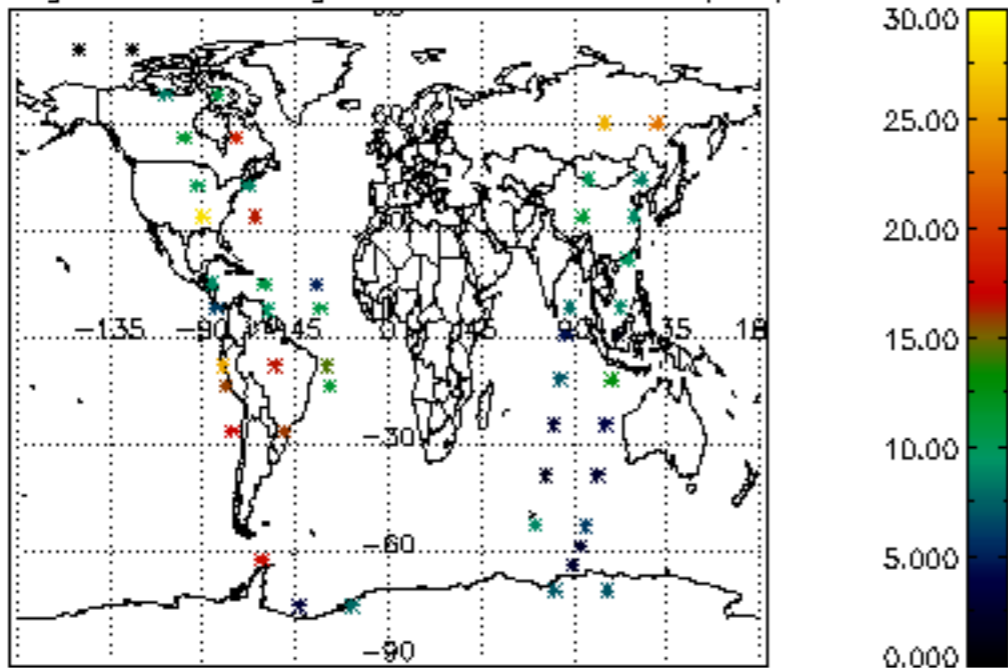
Percentage of cosmic ray hits per profile



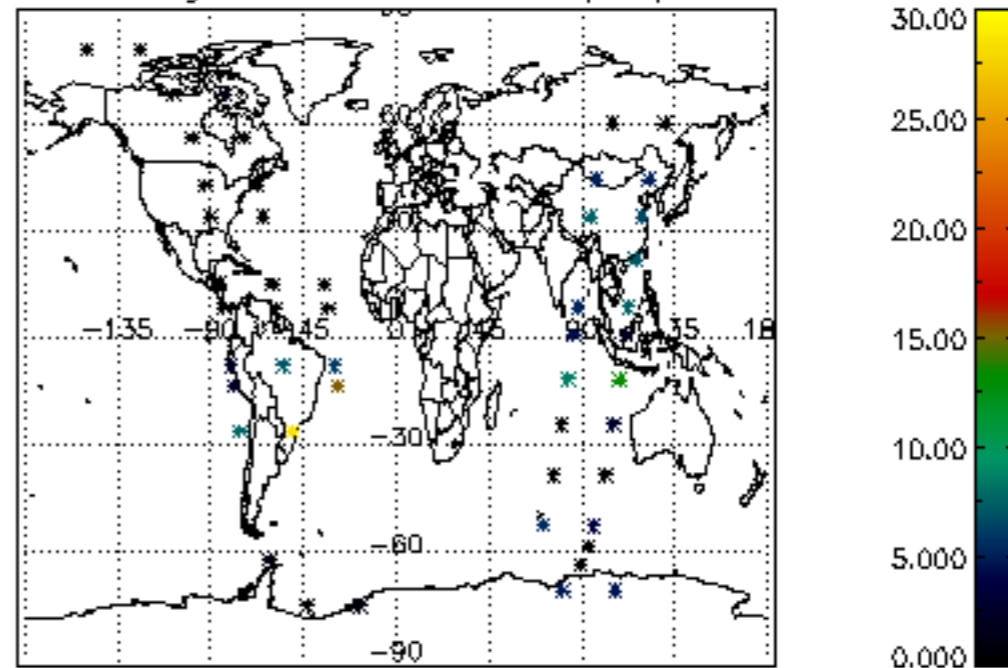
Percentage of datation errors per profile



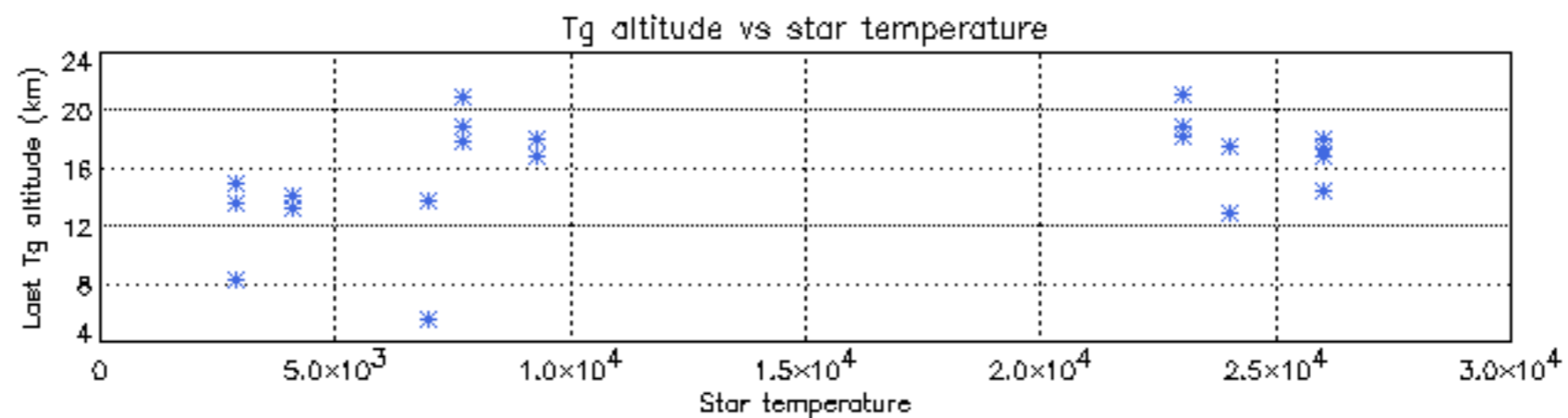
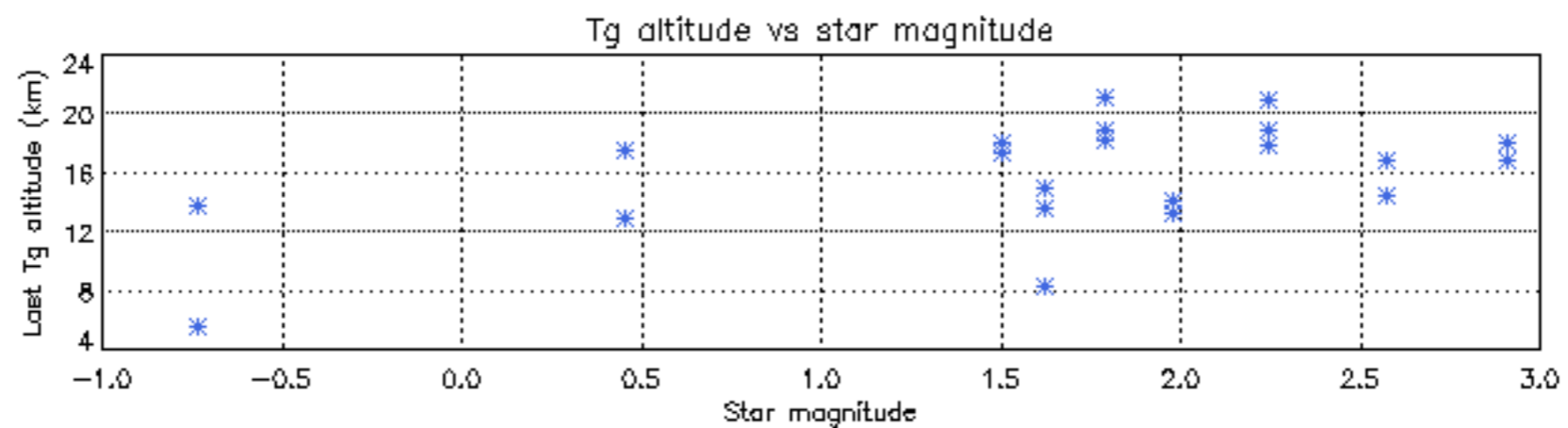
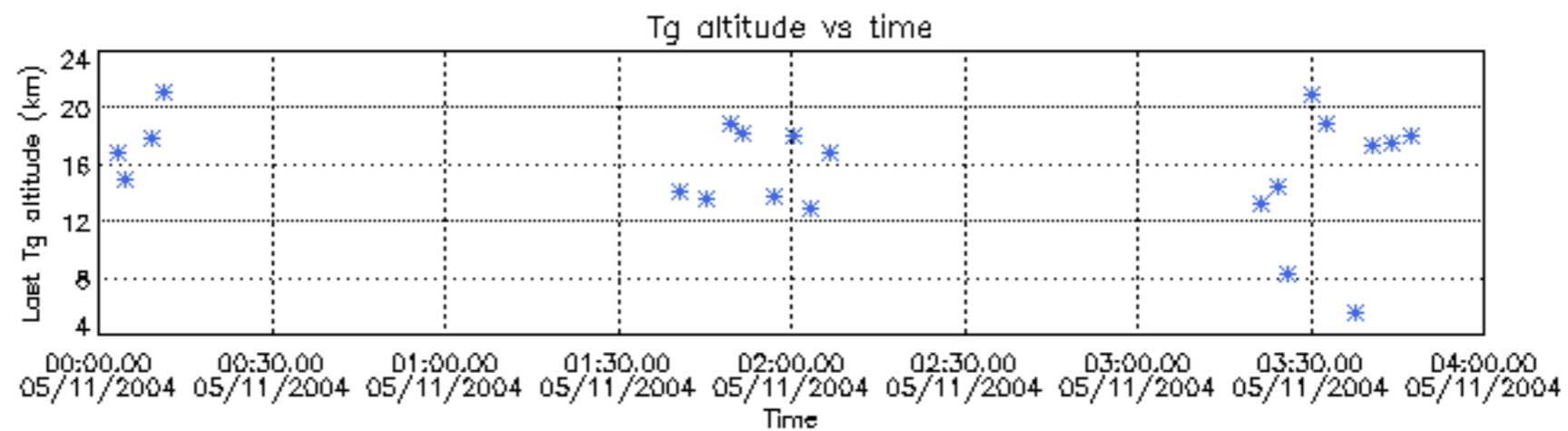
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

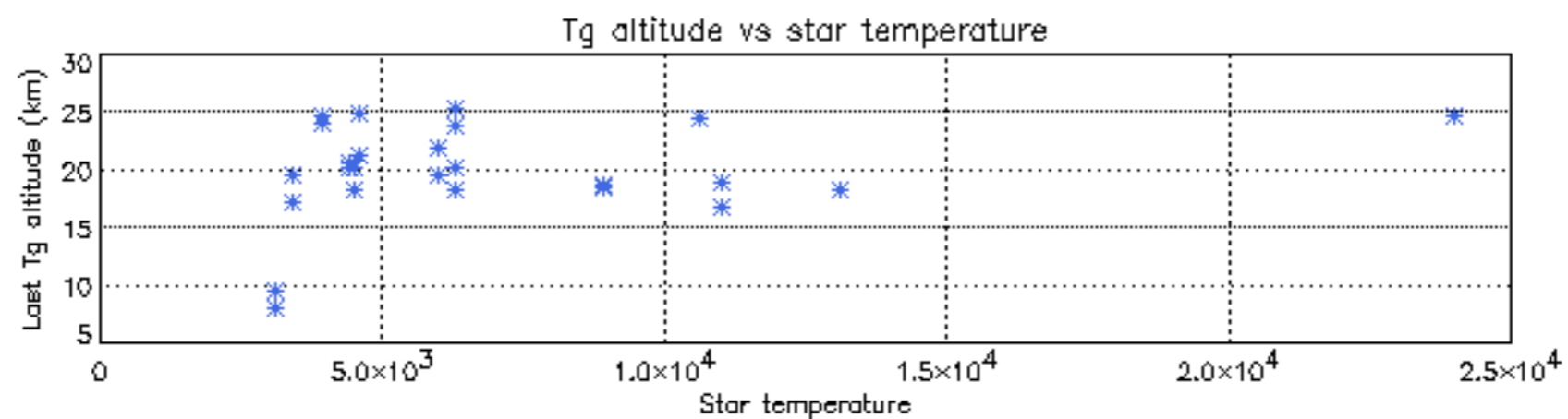
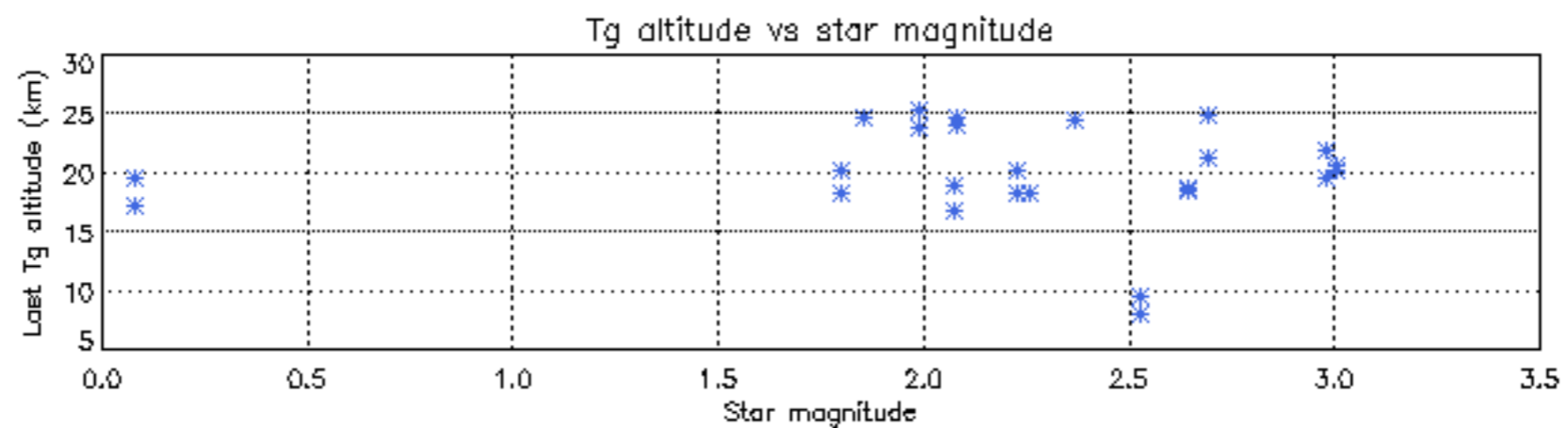
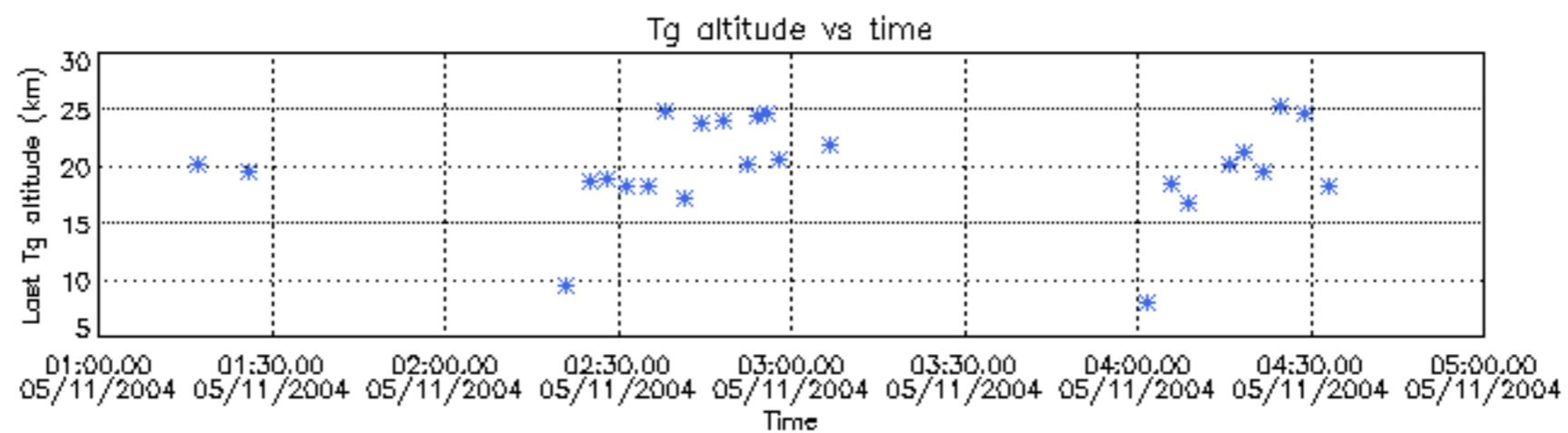


Tangent altitude at which the star is lost

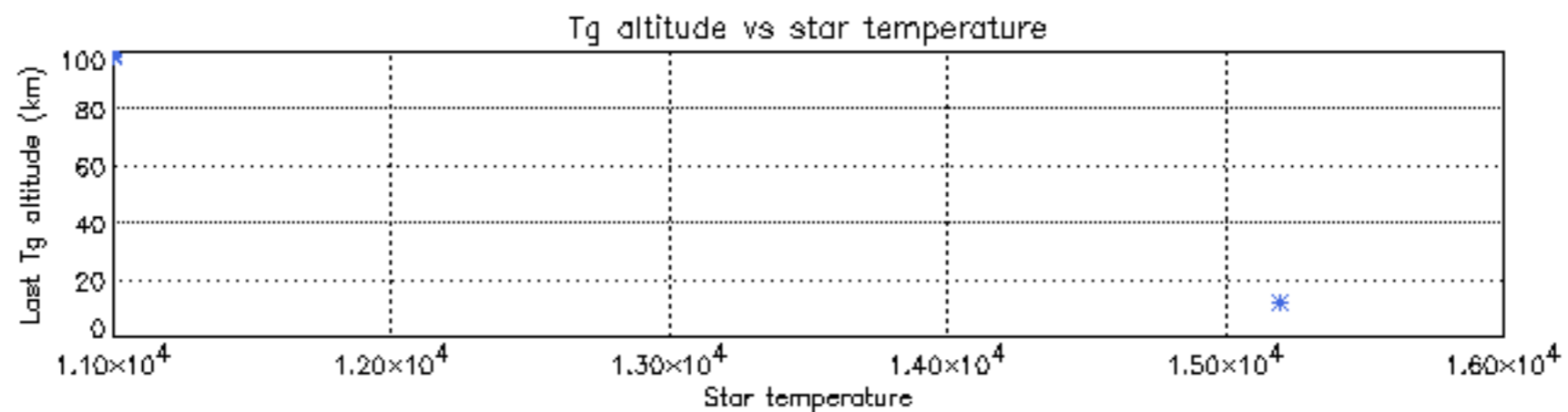
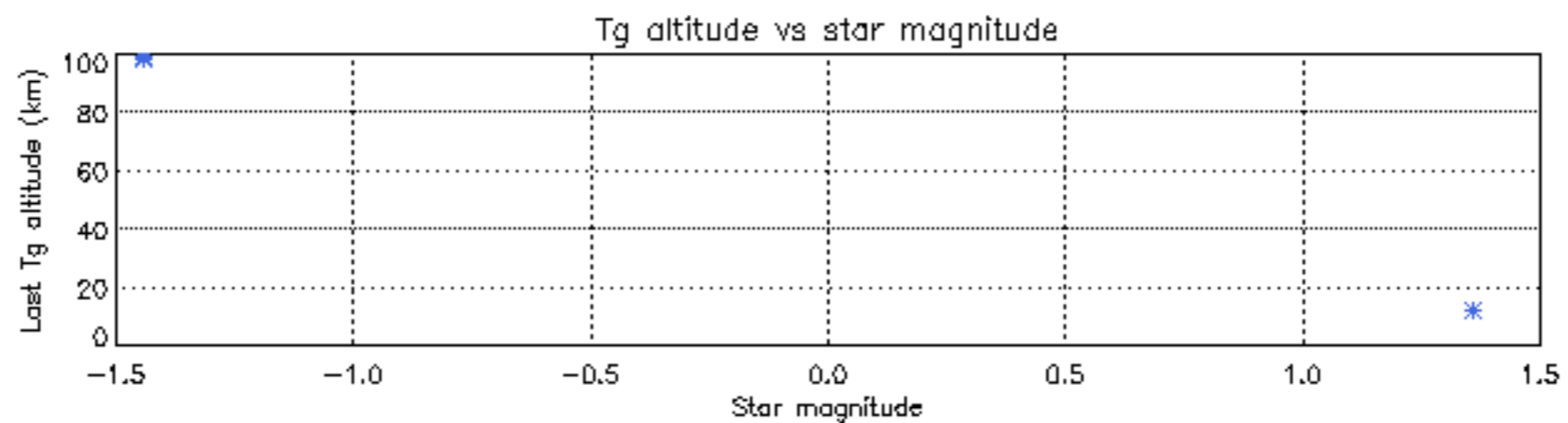
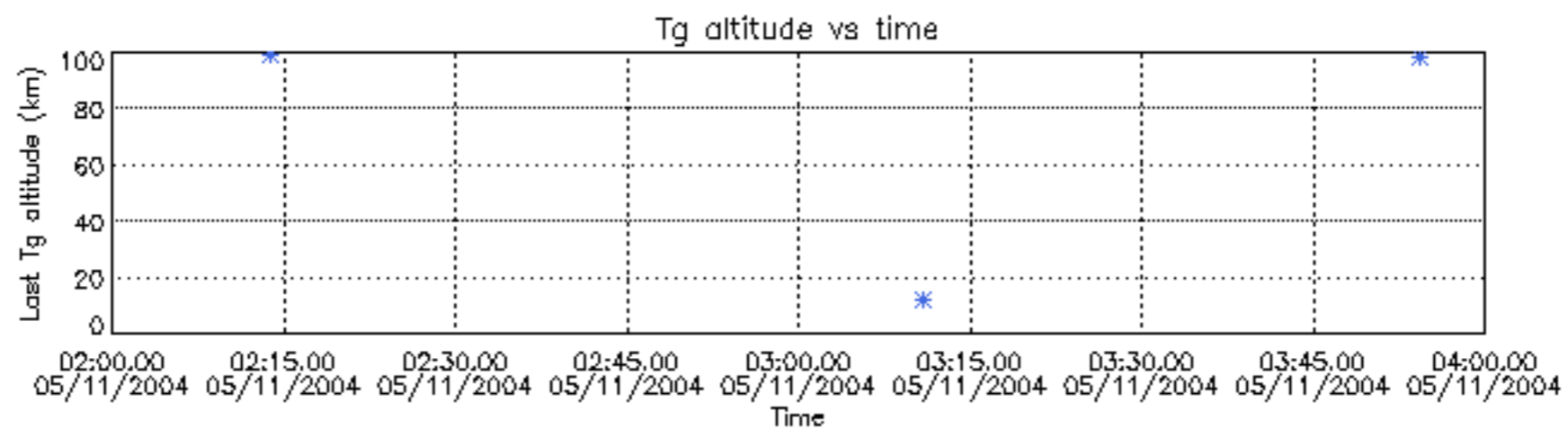




Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



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27; 4751.8; 06-NOV-2004 22:41:31; Bright; 66.5; 166; 17Eps Leo ; 2.98; 6000;occ; 133; 0;14054
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9; -127.0; 08-NOV-2004 06:52:11; Dark ; 44.0; 26; Gam Cru ; 1.62; 2900;occ; 88; 0;14073  
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 12; 209.1; 08-NOV-2004 06:57:47; Dark ; 45.0; 46; Del Vel ; 1.95; 10600;occ; 90; 0;14074  
 13; 298.2; 08-NOV-2004 06:59:16; Dark ; 49.0; 34; Gam2Vel ; 1.79; 23000;occ; 98; 0;14074  
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 15; 604.1; 08-NOV-2004 07:04:22; Dark ; 62.0; 2; Alp Car ; -0.74; 7000;occ; 124; 0;14074  
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 17; 1172.6; 08-NOV-2004 07:13:50; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;14074  
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 19; -27.2; 08-NOV-2004 08:34:26; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;14074  
 20; 78.7; 08-NOV-2004 08:36:12; Dark ; 63.5; 65; Lam Vel ; 2.20; 4400;occ; 127; 0;14075  
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 22; 331.0; 08-NOV-2004 08:40:25; Dark ; 54.5; 70; Zet Pup ; 2.25; 39000;occ; 109; 0;14075  
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 21; 605.8; 08-NOV-2004 10:25:35; Dark ; 62.0; 2; Alp Car ; -0.74; 7000;occ; 124; 0;14076  
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30; 327.2; 13-NOV-2004 11:04:02; Dark ; 45.0; 41; Eps Car ; 1.86; 4100;occ; 90; 0;14148
31; 421.0; 13-NOV-2004 11:05:36; Dark ; 56.5; 70; Zet Pup ; 2.25; 39000;occ; 113; 0;14148
32; 655.0; 13-NOV-2004 11:09:30; Dark ; 52.5; 2; Alp Car ; -0.74; 7000;occ; 105; 0;14148
33; 758.4; 13-NOV-2004 11:11:14; Dark ; 84.5; 88; 31Eta CMa ; 2.45; 20000;occ; 169; 0;14148
34; 966.5; 13-NOV-2004 11:14:42; Dark ; 39.0; 9; Alp Eri ; 0.45; 24000;occ; 78; 0;14148
35; 1192.2; 13-NOV-2004 11:18:27; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14148
36; 1491.1; 13-NOV-2004 11:23:26; Dark ; 159.5; 1; 9Alp CMa ; -1.44; 11000;occ; 319; 0;14148
/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDK20041113_112421_000060302032_00066_14148_1364.N1
1;-4489.8; 13-NOV-2004 11:24:21; Dark ; 213.0; 1; 9Alp CMa ; -1.44; 11000;occ; 426; 110;14148
2;-4231.1; 13-NOV-2004 11:28:40; Dark ; 93.0; 7; 19Bet Ori ; 0.10; 14000;occ; 186; 0;14148
3;-4060.8; 13-NOV-2004 11:31:30; Dark ; 51.0; 94; 92Alp Cet ; 2.53; 3100;occ; 102; 0;14148
4;-3776.0; 13-NOV-2004 11:36:15; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14148
5;-3625.9; 13-NOV-2004 11:38:45; Bright; 46.0; 146; 25Eta Tau ; 2.87; 15200;occ; 92; 0;14148
6;-3512.0; 13-NOV-2004 11:40:39; Bright; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;14148
7;-3408.2; 13-NOV-2004 11:42:23; Bright; 39.0; 73; 57Gam1And ; 2.26; 13100;occ; 78; 0;14148
8;-3313.3; 13-NOV-2004 11:43:58; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;14148
9;-3211.8; 13-NOV-2004 11:45:39; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;14148
10;-3108.5; 13-NOV-2004 11:47:23; Bright; 39.0; 110; 37Del Cas ; 2.68; 8900;occ; 78; 0;14148
11;-2972.3; 13-NOV-2004 11:49:39; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;14148
12;-2780.5; 13-NOV-2004 11:52:51; Bright; 65.5; 42; 34Bet Aur ; 1.90; 10200;occ; 131; 0;14148
13;-2615.7; 13-NOV-2004 11:55:35; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;14148
14;-2357.5; 13-NOV-2004 11:59:54; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;14148
15;-2249.8; 13-NOV-2004 12:01:41; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;14148
16;-2150.8; 13-NOV-2004 12:03:20; Bright; 43.5; 36; 50Alp UMa ; 1.80; 6300;occ; 87; 0;14148
17;-2052.6; 13-NOV-2004 12:04:58; Bright; 43.0; 82; 48Bet UMa ; 2.37; 10600;occ; 86; 0;14148
18;-1921.1; 13-NOV-2004 12:07:10; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;14148
19;-1812.4; 13-NOV-2004 12:08:59; Bright; 42.0; 174; 52Psi UMa ; 3.00; 4400;occ; 84; 0;14148
20;-1711.6; 13-NOV-2004 12:10:39; Bright; 38.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 76; 0;14148
21;-1409.5; 13-NOV-2004 12:15:42; Bright; 33.5; 111; 8Eta Boo ; 2.68; 6000;occ; 67; 0;14148
22;-1218.2; 13-NOV-2004 12:18:53; Bright; 90.5; 166; 17Eps Leo ; 2.98; 6000;occ; 181; 0;14148
23; -938.7; 13-NOV-2004 12:23:32; Dark ; 82.0; 22; 32Alp Leo ; 1.36; 15200;occ; 164; 0;14148
24; -724.3; 13-NOV-2004 12:27:07; Dark ; 41.5; 100; 4Gam Crv ; 2.58; 13100;occ; 83; 0;14148
25; -633.2; 13-NOV-2004 12:28:38; Dark ; 43.5; 171; 2Eps Crv ; 3.00; 4250;occ; 87; 0;14148
26; -252.4; 13-NOV-2004 12:34:59; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;14148
27; -115.0; 13-NOV-2004 12:37:16; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14148
28; -16.9; 13-NOV-2004 12:38:54; Dark ; 39.5; 12; Alp1Cru ; 0.77; 30000;occ; 79; 0;14148
29; 100.5; 13-NOV-2004 12:40:52; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14149
30; 204.1; 13-NOV-2004 12:42:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14149
31; 328.1; 13-NOV-2004 12:44:39; Dark ; 47.0; 41; Eps Car ; 1.86; 4100;occ; 94; 0;14149
32; 422.9; 13-NOV-2004 12:46:14; Dark ; 56.5; 70; Zet Pup ; 2.25; 39000;occ; 113; 0;14149
33; 656.4; 13-NOV-2004 12:50:07; Dark ; 61.0; 2; Alp Car ; -0.74; 7000;occ; 122; 0;14149
34; 760.3; 13-NOV-2004 12:51:51; Dark ; 79.5; 88; 31Eta CMa ; 2.45; 20000;occ; 159; 0;14149
35; 966.6; 13-NOV-2004 12:55:18; Dark ; 41.0; 9; Alp Eri ; 0.45; 24000;occ; 82; 0;14149
36; 1192.5; 13-NOV-2004 12:59:04; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14149
37; 1491.4; 13-NOV-2004 13:04:02; Dark ; 50.0; 1; 9Alp CMa ; -1.44; 11000;occ; 100; 0;14149
/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDK20041113_130402_000057762032_00067_14149_1365.N1
1;-4544.6; 13-NOV-2004 13:04:02; Dark ; 213.0; 1; 9Alp CMa ; -1.44; 11000;occ; 426; 0;14149
2;-4231.3; 13-NOV-2004 13:09:16; Dark ; 92.0; 7; 19Bet Ori ; 0.10; 14000;occ; 184; 0;14149
3;-4061.5; 13-NOV-2004 13:12:05; Dark ; 50.5; 94; 92Alp Cet ; 2.53; 3100;occ; 101; 0;14149
4;-3775.2; 13-NOV-2004 13:16:52; Bright; 39.5; 105; 6Bet Ari ; 2.64; 8900;occ; 79; 0;14149
5;-3626.1; 13-NOV-2004 13:19:21; Bright; 47.0; 146; 25Eta Tau ; 2.87; 15200;occ; 94; 0;14149
6;-3511.9; 13-NOV-2004 13:21:15; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;14149
7;-3408.7; 13-NOV-2004 13:22:58; Bright; 37.0; 73; 57Gam1And ; 2.26; 13100;occ; 74; 0;14149
8;-3315.7; 13-NOV-2004 13:24:31; Bright; 47.0; 149; 45Eps Per ; 2.89; 30000;occ; 94; 0;14149
9;-3211.8; 13-NOV-2004 13:26:15; Bright; 43.5; 35; 33Alp Per ; 1.79; 6250;occ; 87; 0;14149
10;-3110.3; 13-NOV-2004 13:27:57; Bright; 39.5; 110; 37Del Cas ; 2.68; 8900;occ; 79; 0;14149
11;-2973.4; 13-NOV-2004 13:30:14; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;14149
12;-2782.2; 13-NOV-2004 13:33:25; Bright; 59.5; 42; 34Bet Aur ; 1.90; 10200;occ; 119; 0;14149
13;-2357.4; 13-NOV-2004 13:40:30; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;14149

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14;-2249.7; 13-NOV-2004 13:42:17; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;14149  
 15;-2151.0; 13-NOV-2004 13:43:56; Bright; 43.0; 36; 50Alp UMA ; 1.80; 6300;occ; 86; 0;14149  
 16;-2052.7; 13-NOV-2004 13:45:34; Bright; 43.5; 82; 48Bet UMA ; 2.37; 10600;occ; 87; 0;14149  
 17;-1921.3; 13-NOV-2004 13:47:46; Bright; 38.0; 39; 85Eta UMA ; 1.85; 24000;occ; 76; 0;14149  
 18;-1812.4; 13-NOV-2004 13:49:35; Bright; 45.5; 174; 52Psi UMA ; 3.00; 4400;occ; 91; 0;14149  
 19;-1711.5; 13-NOV-2004 13:51:15; Bright; 37.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 74; 0;14149  
 20;-1409.6; 13-NOV-2004 13:56:17; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;14149  
 21;-1217.2; 13-NOV-2004 13:59:30; Bright; 88.0; 166; 17Eps Leo ; 2.98; 6000;occ; 176; 0;14149  
 22; -937.5; 13-NOV-2004 14:04:09; Dark ; 85.5; 22; 32Alp Leo ; 1.36; 15200;occ; 171; 0;14149  
 23; -724.6; 13-NOV-2004 14:07:42; Dark ; 44.5; 100; 4Gam Crv ; 2.58; 13100;occ; 89; 0;14149  
 24; -633.5; 13-NOV-2004 14:09:13; Dark ; 49.5; 171; 2Eps Crv ; 3.00; 4250;occ; 99; 0;14149  
 25; -252.5; 13-NOV-2004 14:15:34; Dark ; 42.5; 64; Gam Cen ; 2.20; 10600;occ; 85; 0;14149  
 26; -115.2; 13-NOV-2004 14:17:52; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14149  
 27; -17.2; 13-NOV-2004 14:19:30; Dark ; 46.5; 12; Alp1Cru ; 0.77; 30000;occ; 93; 0;14149  
 28; 101.0; 13-NOV-2004 14:21:28; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14150  
 29; 204.3; 13-NOV-2004 14:23:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14150  
 30; 328.1; 13-NOV-2004 14:25:15; Dark ; 47.0; 41; Eps Car ; 1.86; 4100;occ; 94; 0;14150  
 31; 423.5; 13-NOV-2004 14:26:51; Dark ; 55.5; 70; Zet Pup ; 2.25; 39000;occ; 111; 0;14150  
 32; 657.1; 13-NOV-2004 14:30:44; Dark ; 61.0; 2; Alp Car ; -0.74; 7000;occ; 122; 0;14150  
 33; 761.6; 13-NOV-2004 14:32:29; Dark ; 81.5; 88; 31Eta CMA ; 2.45; 20000;occ; 163; 0;14150  
 34; 967.1; 13-NOV-2004 14:35:54; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;14150  
 35; 1192.8; 13-NOV-2004 14:39:40; Dark ; 40.0; 157; The1Eri ; 2.91; 9300;occ; 80; 0;14150

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(corrupted file due to acquisition failures)

Problem occurred when reading packet number 2145!

1; 967.2; 13-NOV-2004 19:37:42; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;14153  
 2; 1193.1; 13-NOV-2004 19:41:28; Dark ; 41.0; 157; The1Eri ; 2.91; 9300;occ; 82; 1;14153  
 3; 1492.1; 13-NOV-2004 19:46:27; Dark ; 213.0; 1; 9Alp CMA ; -1.44; 11000;occ; 426; 1;14153  
 4; 1802.6; 13-NOV-2004 19:51:38; Dark ; 92.0; 7; 19Bet Ori ; 0.10; 14000;occ; 184; 0;14153  
 5; 1974.7; 13-NOV-2004 19:54:30; Dark ; 51.0; 94; 92Alp Cet ; 2.53; 3100;occ; 102; 0;14153  
 6; 2260.3; 13-NOV-2004 19:59:15; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14153  
 7; 2407.3; 13-NOV-2004 20:01:42; Bright; 47.5; 146; 25Eta Tau ; 2.87; 15200;occ; 95; 0;14153  
 8; 2523.5; 13-NOV-2004 20:03:39; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;14153  
 9; 2627.0; 13-NOV-2004 20:05:22; Bright; 40.0; 73; 57Gam1And ; 2.26; 13100;occ; 80; 0;14153  
 10; 2719.3; 13-NOV-2004 20:06:54; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;14153  
 11; 2822.4; 13-NOV-2004 20:08:37; Bright; 41.0; 35; 33Alp Per ; 1.79; 6250;occ; 82; 0;14153  
 12; 2927.3; 13-NOV-2004 20:10:22; Bright; 36.0; 110; 37Del Cas ; 2.68; 8900;occ; 72; 0;14153  
 13; 3058.0; 13-NOV-2004 20:12:33; Bright; 60.5; 6; 13Alp Aur ; 0.08; 3400;occ; 121; 0;14153  
 14; 3247.8; 13-NOV-2004 20:15:43; Bright; 65.0; 42; 34Bet Aur ; 1.90; 10200;occ; 130; 0;14153  
 15; 3419.4; 13-NOV-2004 20:18:34; Bright; 40.5; 49; 1Alp UMi ; 1.99; 6300;occ; 81; 0;14153  
 16; 3678.4; 13-NOV-2004 20:22:53; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;14153  
 17; 3787.2; 13-NOV-2004 20:24:42; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;14153  
 18; 3883.7; 13-NOV-2004 20:26:19; Bright; 45.5; 36; 50Alp UMA ; 1.80; 6300;occ; 91; 0;14153  
 19; 3982.4; 13-NOV-2004 20:27:57; Bright; 43.0; 82; 48Bet UMA ; 2.37; 10600;occ; 86; 0;14153  
 20; 4115.1; 13-NOV-2004 20:30:10; Bright; 36.0; 39; 85Eta UMA ; 1.85; 24000;occ; 72; 1;14153  
 21; 4222.8; 13-NOV-2004 20:31:58; Bright; 44.5; 174; 52Psi UMA ; 3.00; 4400;occ; 89; 0;14153  
 22; 4324.5; 13-NOV-2004 20:33:40; Bright; 36.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 72; 0;14153  
 23; 4626.3; 13-NOV-2004 20:38:41; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;14153  
 24; 4822.3; 13-NOV-2004 20:41:57; Bright; 90.0; 166; 17Eps Leo ; 2.98; 6000;occ; 180; 0;14153  
 25; 5103.1; 13-NOV-2004 20:46:38; Dark ; 7.5; 22; 32Alp Leo ; 1.36; 15200;occ; 15; 0;14153

/nas1/ENVISAT/GOMOS/from\_DDS/GOM\_NL\_\_0PNPDE20041113\_204638\_000061192032\_00071\_14153\_1104.N1

(corrupted file due to acquisition failures)

1; -932.8; 13-NOV-2004 20:46:38; Dark ; 91.0; 22; 32Alp Leo ; 1.36; 15200;occ; 182; 4;14153  
 2; -723.1; 13-NOV-2004 20:50:08; Dark ; 44.0; 100; 4Gam Crv ; 2.58; 13100;occ; 88; 5;14153  
 3; -634.1; 13-NOV-2004 20:51:37; Dark ; 49.5; 171; 2Eps Crv ; 3.00; 4250;occ; 99; 4;14153  
 4; -252.2; 13-NOV-2004 20:57:59; Dark ; 38.5; 64; Gam Cen ; 2.20; 10600;occ; 77; 3;14153  
 5; -114.0; 13-NOV-2004 21:00:17; Dark ; 43.0; 26; Gam Cru ; 1.62; 2900;occ; 86; 2;14153  
 6; 102.7; 13-NOV-2004 21:03:54; Dark ; 38.5; 124; The Car ; 2.76; 30000;occ; 77; 3;14154  
 7; 205.3; 13-NOV-2004 21:05:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 4;14154  
 8; 331.0; 13-NOV-2004 21:07:42; Dark ; 45.0; 41; Eps Car ; 1.86; 4100;occ; 90; 2;14154  
 9; 428.8; 13-NOV-2004 21:09:20; Dark ; 57.5; 70; Zet Pup ; 2.25; 39000;occ; 115; 3;14154  
 10; 660.2; 13-NOV-2004 21:13:11; Dark ; 61.0; 2; Alp Car ; -0.74; 7000;occ; 122; 6;14154  
 11; 767.5; 13-NOV-2004 21:14:58; Dark ; 84.0; 88; 31Eta CMA ; 2.45; 20000;occ; 168; 1;14154  
 12; 967.6; 13-NOV-2004 21:18:19; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 5;14154  
 13; 1194.3; 13-NOV-2004 21:22:05; Dark ; 39.5; 157; The1Eri ; 2.91; 9300;occ; 79; 4;14154  
 14; 1492.6; 13-NOV-2004 21:27:04; Dark ; 213.0; 1; 9Alp CMA ; -1.44; 11000;occ; 426; 17;14154  
 15; 1802.5; 13-NOV-2004 21:32:13; Dark ; 97.5; 7; 19Bet Ori ; 0.10; 14000;occ; 195; 8;14154  
 16; 1974.6; 13-NOV-2004 21:35:06; Dark ; 50.0; 94; 92Alp Cet ; 2.53; 3100;occ; 100; 2;14154

17; 2260.8; 13-NOV-2004 21:39:52; Bright; 38.0; 105; 6Bet Ari ; 2.64; 8900;occ; 76; 3;14154  
 18; 2407.5; 13-NOV-2004 21:42:18; Bright; 44.5; 146; 25Eta Tau ; 2.87; 15200;occ; 89; 7;14154  
 19; 2524.7; 13-NOV-2004 21:44:16; Bright; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 2;14154  
 20; 2626.9; 13-NOV-2004 21:45:58; Bright; 40.5; 73; 57Gam1And ; 2.26; 13100;occ; 81; 6;14154  
 21; 2719.7; 13-NOV-2004 21:47:31; Bright; 43.5; 149; 45Eps Per ; 2.89; 30000;occ; 87; 5;14154  
 22; 2822.1; 13-NOV-2004 21:49:13; Bright; 43.5; 35; 33Alp Per ; 1.79; 6250;occ; 87; 1;14154  
 23; 2928.5; 13-NOV-2004 21:50:59; Bright; 35.0; 110; 37Del Cas ; 2.68; 8900;occ; 70; 0;14154  
 24; 3057.2; 13-NOV-2004 21:53:08; Bright; 57.5; 6; 13Alp Aur ; 0.08; 3400;occ; 115; 0;14154  
 25; 3246.4; 13-NOV-2004 21:56:17; Bright; 62.5; 42; 34Bet Aur ; 1.90; 10200;occ; 125; 3;14154  
 26; 3420.5; 13-NOV-2004 21:59:11; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 3;14154  
 27; 3679.1; 13-NOV-2004 22:03:30; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 3;14154  
 28; 3788.1; 13-NOV-2004 22:05:19; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 2;14154  
 29; 3884.0; 13-NOV-2004 22:06:55; Bright; 43.0; 36; 50Alp UMa ; 1.80; 6300;occ; 86; 5;14154  
 30; 3982.5; 13-NOV-2004 22:08:33; Bright; 42.0; 82; 48Bet UMa ; 2.37; 10600;occ; 84; 2;14154  
 31; 4115.6; 13-NOV-2004 22:10:47; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 5;14154  
 32; 4222.9; 13-NOV-2004 22:12:34; Bright; 45.0; 174; 52Psi UMa ; 3.00; 4400;occ; 90; 3;14154  
 33; 4325.3; 13-NOV-2004 22:14:16; Bright; 36.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 72; 3;14154  
 34; 4627.1; 13-NOV-2004 22:19:18; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 3;14154  
 35; 4823.2; 13-NOV-2004 22:22:34; Bright; 88.5; 166; 17Eps Leo ; 2.98; 6000;occ; 177; 3;14154  
 36; 5104.5; 13-NOV-2004 22:27:15; Dark ; 82.5; 22; 32Alp Leo ; 1.36; 15200;occ; 165; 12;14154

/nas1/ENVISAT/GOMOS/from\_DDS/GOM\_NL\_0PNPDE20041113\_222832\_000060382032\_00072\_14154\_1105.N1

(corrupted file due to acquisition failures)

Problem occurred when reading packet number 671!

1; -854.9; 13-NOV-2004 22:28:32; Dark ; 83.0; 22; 32Alp Leo ; 1.36; 15200;occ; 166; 154;14154  
 2; -722.0; 13-NOV-2004 22:30:45; Dark ; 43.5; 100; 4Gam Crv ; 2.58; 13100;occ; 87; 1;14154  
 3; -630.9; 13-NOV-2004 22:32:16; Dark ; 47.5; 171; 2Eps Crv ; 3.00; 4250;occ; 95; 0;14154  
 4; -251.2; 13-NOV-2004 22:38:36; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 2;14154  
 5; -114.0; 13-NOV-2004 22:40:53; Dark ; 44.5; 26; Gam Cru ; 1.62; 2900;occ; 89; 2;14154  
 6; 158.7; 13-NOV-2004 22:45:26; Dark ; 51.5; 65; Lam Vel ; 2.20; 4400;occ; 103; 0;14155  
 7; 274.9; 13-NOV-2004 22:47:22; Dark ; 47.5; 29; Bet Car ; 1.67; 10200;occ; 95; 2;14155  
 8; 399.1; 13-NOV-2004 22:49:26; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 2;14155  
 9; 661.2; 13-NOV-2004 22:53:48; Dark ; 49.5; 2; Alp Car ; -0.74; 7000;occ; 99; 2;14155  
 10; 769.9; 13-NOV-2004 22:55:37; Dark ; 79.5; 88; 31Eta CMa ; 2.45; 20000;occ; 159; 4;14155  
 11; 967.7; 13-NOV-2004 22:58:55; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 2;14155  
 12; 1064.1; 13-NOV-2004 23:00:31; Dark ; 57.5; 108; Alp Col ; 2.65; 15200;occ; 115; 2;14155  
 13; 1194.6; 13-NOV-2004 23:02:41; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 2;14155  
 14; 1412.7; 13-NOV-2004 23:06:20; Dark ; 70.0; 139; 9Bet Lep ; 2.83; 5600;occ; 140; 3;14155  
 15; 1637.2; 13-NOV-2004 23:10:04; Dark ; 56.5; 165; 34Gam Eri ; 2.95; 3200;occ; 113; 3;14155  
 16; 1802.0; 13-NOV-2004 23:12:49; Dark ; 100.0; 7; 19Bet Ori ; 0.10; 14000;occ; 200; 6;14155  
 17; 1975.2; 13-NOV-2004 23:15:42; Dark ; 52.5; 94; 92Alp Cet ; 2.53; 3100;occ; 105; 3;14155  
 18; 2260.9; 13-NOV-2004 23:20:28; Bright; 38.0; 105; 6Bet Ari ; 2.64; 8900;occ; 76; 0;14155  
 19; 2627.5; 13-NOV-2004 23:26:34; Bright; 38.5; 73; 57Gam1And ; 2.26; 13100;occ; 77; 3;14155  
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 21; 2821.7; 13-NOV-2004 23:29:48; Bright; 41.0; 35; 33Alp Per ; 1.79; 6250;occ; 82; 7;14155  
 22; 2928.1; 13-NOV-2004 23:31:35; Bright; 37.5; 110; 37Del Cas ; 2.68; 8900;occ; 75; 2;14155  
 23; 3055.8; 13-NOV-2004 23:33:43; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 1;14155  
 24; 3245.2; 13-NOV-2004 23:36:52; Bright; 63.0; 42; 34Bet Aur ; 1.90; 10200;occ; 126; 4;14155  
 25; 3420.4; 13-NOV-2004 23:39:47; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 2;14155  
 26; 3679.2; 13-NOV-2004 23:44:06; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 1;14155  
 27; 3788.0; 13-NOV-2004 23:45:55; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 1;14155  
 28; 3883.7; 13-NOV-2004 23:47:31; Bright; 42.5; 36; 50Alp UMa ; 1.80; 6300;occ; 85; 3;14155  
 29; 3982.1; 13-NOV-2004 23:49:09; Bright; 41.5; 82; 48Bet UMa ; 2.37; 10600;occ; 83; 0;14155  
 30; 4115.8; 13-NOV-2004 23:51:23; Bright; 52.0; 39; 85Eta UMa ; 1.85; 24000;occ; 104; 3;14155  
 31; 4222.9; 13-NOV-2004 23:53:10; Bright; 45.0; 174; 52Psi UMa ; 3.00; 4400;occ; 90; 4;14155  
 32; 4324.9; 13-NOV-2004 23:54:52; Bright; 36.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 72; 1;14155  
 33; 4627.5; 13-NOV-2004 23:59:54; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;14155  
 34; 4824.0; 14-NOV-2004 00:03:11; Bright; 89.0; 166; 17Eps Leo ; 2.98; 6000;occ; 178; 4;14155  
 35; 5105.9; 14-NOV-2004 00:07:53; Dark ; 84.0; 22; 32Alp Leo ; 1.36; 15200;occ; 168; 6;14155

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16;-2151.2; 13-NOV-2004 15:24:32; Bright; 41.5; 36; 50Alp UMA ; 1.80; 6300;occ; 83; 0;14150
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26;-252.7; 13-NOV-2004 15:56:10; Dark ; 39.5; 64; Gam Cen ; 2.20; 10600;occ; 79; 0;14150
27;-114.5; 13-NOV-2004 15:58:29; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14150
28; 100.6; 13-NOV-2004 16:02:04; Dark ; 40.5; 124; The Car ; 2.76; 30000;occ; 81; 0;14151
29; 204.6; 13-NOV-2004 16:03:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14151
30; 328.7; 13-NOV-2004 16:05:52; Dark ; 45.5; 41; Eps Car ; 1.86; 4100;occ; 91; 0;14151
31; 424.1; 13-NOV-2004 16:07:27; Dark ; 59.0; 70; Zet Pup ; 2.25; 39000;occ; 118; 0;14151
32; 657.2; 13-NOV-2004 16:11:20; Dark ; 61.0; 2; Alp Car ; -0.74; 7000;occ; 122; 0;14151
33; 763.1; 13-NOV-2004 16:13:06; Dark ; 78.5; 88; 31Eta CMA ; 2.45; 20000;occ; 157; 0;14151
34; 967.1; 13-NOV-2004 16:16:30; Dark ; 51.5; 9; Alp Eri ; 0.45; 24000;occ; 103; 0;14151
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27;-253.1; 13-NOV-2004 17:36:46; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;14151
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29; 101.1; 13-NOV-2004 17:42:40; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14152
30; 204.8; 13-NOV-2004 17:44:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14152
31; 329.3; 13-NOV-2004 17:46:28; Dark ; 44.5; 41; Eps Car ; 1.86; 4100;occ; 89; 0;14152
32; 425.9; 13-NOV-2004 17:48:05; Dark ; 57.0; 70; Zet Pup ; 2.25; 39000;occ; 114; 0;14152
33; 657.8; 13-NOV-2004 17:51:57; Dark ; 55.0; 2; Alp Car ; -0.74; 7000;occ; 110; 0;14152
34; 764.7; 13-NOV-2004 17:53:44; Dark ; 81.5; 88; 31Eta CMA ; 2.45; 20000;occ; 163; 0;14152
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6;-4063.6; 13-NOV-2004 18:13:51; Dark ; 54.5; 94; 92Alp Cet ; 2.53; 3100;occ; 109; 0;14152

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14;-2976.7; 13-NOV-2004 18:31:58; Bright; 66.5; 6; 13Alp Aur ; 0.08; 3400;occ; 133; 0;14152  
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22;-1813.8; 13-NOV-2004 18:51:21; Bright; 44.5; 174; 52Psi UMA ; 3.00; 4400;occ; 89; 0;14152  
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25;-1214.7; 13-NOV-2004 19:01:20; Bright; 86.5; 166; 17Eps Leo ; 2.98; 6000;occ; 173; 0;14152  
26; -934.1; 13-NOV-2004 19:06:01; Dark ; 87.0; 22; 32Alp Leo ; 1.36; 15200;occ; 174; 0;14152  
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31; 101.3; 13-NOV-2004 19:23:16; Dark ; 40.5; 124; The Car ; 2.76; 30000;occ; 81; 0;14153  
32; 205.0; 13-NOV-2004 19:25:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14153  
33; 330.6; 13-NOV-2004 19:27:06; Dark ; 45.0; 41; Eps Car ; 1.86; 4100;occ; 90; 0;14153  
34; 426.5; 13-NOV-2004 19:28:42; Dark ; 59.5; 70; Zet Pup ; 2.25; 39000;occ; 119; 0;14153  
35; 658.5; 13-NOV-2004 19:32:34; Dark ; 57.5; 2; Alp Car ; -0.74; 7000;occ; 115; 0;14153  
36; 765.9; 13-NOV-2004 19:34:21; Dark ; 84.0; 88; 31Eta CMA ; 2.45; 20000;occ; 168; 0;14153

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5; -15.5; 14-NOV-2004 02:03:43; Dark ; 42.0; 12; Alp1Cru ; 0.77; 30000;occ; 84; 0;14156  
6; 161.4; 14-NOV-2004 02:06:40; Dark ; 52.0; 65; Lam Vel ; 2.20; 4400;occ; 104; 1;14157  
7; 276.6; 14-NOV-2004 02:08:35; Dark ; 40.5; 29; Bet Car ; 1.67; 10200;occ; 81; 1;14157  
8; 403.3; 14-NOV-2004 02:10:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 1;14157  
9; 663.0; 14-NOV-2004 02:15:02; Dark ; 48.5; 2; Alp Car ; -0.74; 7000;occ; 97; 1;14157  
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13; 1195.6; 14-NOV-2004 02:23:54; Dark ; 39.5; 157; The1Eri ; 2.91; 9300;occ; 79; 0;14157  
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4;-2053.4; 14-NOV-2004 03:10:21; Bright; 42.0; 82; 48Bet UMA ; 2.37; 10600;occ; 84; 1;14157  
5;-1918.9; 14-NOV-2004 03:12:36; Bright; 35.0; 39; 85Eta UMA ; 1.85; 24000;occ; 70; 0;14157  
6;-1812.8; 14-NOV-2004 03:14:22; Bright; 43.0; 174; 52Psi UMA ; 3.00; 4400;occ; 86; 0;14157  
7;-1709.4; 14-NOV-2004 03:16:05; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;14157

8;-1407.2; 14-NOV-2004 03:21:07; Bright; 33.0; 111; 8Eta Boo ; 2.68; 6000;occ; 66; 1;14157  
9;-1209.9; 14-NOV-2004 03:24:25; Bright; 97.0; 166; 17Eps Leo ; 2.98; 6000;occ; 194; 1;14157  
10; -927.2; 14-NOV-2004 03:29:07; Dark ; 89.5; 22; 32Alp Leo ; 1.36; 15200;occ; 179; 0;14157  
11; -719.6; 14-NOV-2004 03:32:35; Dark ; 40.5; 100; 4Gam Crv ; 2.58; 13100;occ; 81; 0;14157  
12; -628.7; 14-NOV-2004 03:34:06; Dark ; 44.0; 171; 2Eps Crv ; 3.00; 4250;occ; 88; 0;14157  
13; -250.0; 14-NOV-2004 03:40:25; Dark ; 39.5; 64; Gam Cen ; 2.20; 10600;occ; 79; 0;14157  
14; -113.1; 14-NOV-2004 03:42:41; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14157  
15; -15.5; 14-NOV-2004 03:44:19; Dark ; 44.5; 12; Alp1Cru ; 0.77; 30000;occ; 89; 0;14157  
16; 162.4; 14-NOV-2004 03:47:17; Dark ; 55.5; 65; Lam Vel ; 2.20; 4400;occ; 111; 1;14158  
17; 276.4; 14-NOV-2004 03:49:11; Dark ; 40.5; 29; Bet Car ; 1.67; 10200;occ; 81; 2;14158  
18; 405.3; 14-NOV-2004 03:51:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14158  
19; 663.3; 14-NOV-2004 03:55:38; Dark ; 61.0; 2; Alp Car ;-0.74; 7000;occ; 122; 1;14158  
20; 774.6; 14-NOV-2004 03:57:29; Dark ; 79.0; 88; 31Eta CMa ; 2.45; 20000;occ; 158; 0;14158  
21; 968.1; 14-NOV-2004 04:00:43; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;14158  
22; 1065.9; 14-NOV-2004 04:02:20; Dark ; 57.5; 108; Alp Col ; 2.65; 15200;occ; 115; 0;14158  
23; 1195.1; 14-NOV-2004 04:04:30; Dark ; 38.5; 157; The1Eri ; 2.91; 9300;occ; 77; 0;14158  
24; 1413.9; 14-NOV-2004 04:08:08; Dark ; 74.5; 139; 9Bet Lep ; 2.83; 5600;occ; 149; 2;14158  
25; 1637.5; 14-NOV-2004 04:11:52; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;14158  
26; 1801.1; 14-NOV-2004 04:14:36; Dark ; 99.5; 7; 19Bet Ori ; 0.10; 14000;occ; 199; 0;14158  
27; 1974.7; 14-NOV-2004 04:17:29; Dark ; 52.0; 94; 92Alp Cet ; 2.53; 3100;occ; 104; 0;14158  
28; 2261.4; 14-NOV-2004 04:22:16; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14158  
29; 2626.8; 14-NOV-2004 04:28:21; Bright; 37.5; 73; 57Gam1And ; 2.26; 13100;occ; 75; 0;14158  
30; 2717.5; 14-NOV-2004 04:29:52; Bright; 44.0; 149; 45Eps Per ; 2.89; 30000;occ; 88; 0;14158  
31; 2820.3; 14-NOV-2004 04:31:35; Bright; 43.0; 35; 33Alp Per ; 1.79; 6250;occ; 86; 0;14158  
32; 2928.6; 14-NOV-2004 04:33:23; Bright; 36.0; 110; 37Del Cas ; 2.68; 8900;occ; 72; 0;14158  
33; 3052.7; 14-NOV-2004 04:35:27; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 1;14158  
34; 3241.0; 14-NOV-2004 04:38:36; Bright; 64.5; 42; 34Bet Aur ; 1.90; 10200;occ; 129; 0;14158  
35; 3420.2; 14-NOV-2004 04:41:35; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;14158

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(corrupted file due to acquisition failures)

1;-2355.6; 14-NOV-2004 04:45:55; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 2;14158  
2;-2246.2; 14-NOV-2004 04:47:44; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;14158  
3;-2152.3; 14-NOV-2004 04:49:18; Bright; 41.0; 36; 50Alp UMa ; 1.80; 6300;occ; 82; 0;14158  
4;-2054.4; 14-NOV-2004 04:50:56; Bright; 42.5; 82; 48Bet UMa ; 2.37; 10600;occ; 85; 1;14158  
5;-1919.2; 14-NOV-2004 04:53:11; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 11;14158  
6;-1813.1; 14-NOV-2004 04:54:57; Bright; 46.0; 174; 52Psi UMa ; 3.00; 4400;occ; 92; 0;14158  
7;-1407.5; 14-NOV-2004 05:01:43; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 1;14158  
8;-1208.8; 14-NOV-2004 05:05:02; Bright; 96.0; 166; 17Eps Leo ; 2.98; 6000;occ; 192; 1;14158  
9; -926.0; 14-NOV-2004 05:09:45; Dark ; 90.0; 22; 32Alp Leo ; 1.36; 15200;occ; 180; 0;14158  
10; -719.7; 14-NOV-2004 05:13:11; Dark ; 44.0; 100; 4Gam Crv ; 2.58; 13100;occ; 88; 5;14158  
11; -628.2; 14-NOV-2004 05:14:42; Dark ; 45.5; 171; 2Eps Crv ; 3.00; 4250;occ; 91; 6;14158  
12; -250.3; 14-NOV-2004 05:21:00; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;14158  
13; -113.2; 14-NOV-2004 05:23:17; Dark ; 45.0; 26; Gam Cru ; 1.62; 2900;occ; 90; 0;14158  
14; -15.8; 14-NOV-2004 05:24:55; Dark ; 42.0; 12; Alp1Cru ; 0.77; 30000;occ; 84; 0;14158  
15; 162.9; 14-NOV-2004 05:27:53; Dark ; 64.0; 65; Lam Vel ; 2.20; 4400;occ; 128; 2;14159  
16; 276.1; 14-NOV-2004 05:29:47; Dark ; 44.0; 29; Bet Car ; 1.67; 10200;occ; 88; 1;14159  
17; 407.2; 14-NOV-2004 05:31:58; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 6;14159  
18; 663.2; 14-NOV-2004 05:36:14; Dark ; 51.5; 2; Alp Car ;-0.74; 7000;occ; 103; 0;14159  
19; 775.9; 14-NOV-2004 05:38:06; Dark ; 77.5; 88; 31Eta CMa ; 2.45; 20000;occ; 155; 0;14159  
20; 968.1; 14-NOV-2004 05:41:19; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;14159  
21; 1066.5; 14-NOV-2004 05:42:57; Dark ; 55.5; 108; Alp Col ; 2.65; 15200;occ; 111; 1;14159  
22; 1194.6; 14-NOV-2004 05:45:05; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;14159  
23; 1413.8; 14-NOV-2004 05:48:44; Dark ; 73.0; 139; 9Bet Lep ; 2.83; 5600;occ; 146; 1;14159  
24; 1637.0; 14-NOV-2004 05:52:28; Dark ; 53.5; 165; 34Gam Eri ; 2.95; 3200;occ; 107; 4;14159  
25; 1800.4; 14-NOV-2004 05:55:11; Dark ; 97.5; 7; 19Bet Ori ; 0.10; 14000;occ; 195; 0;14159  
26; 1973.5; 14-NOV-2004 05:58:04; Dark ; 52.0; 94; 92Alp Cet ; 2.53; 3100;occ; 104; 0;14159  
27; 2261.0; 14-NOV-2004 06:02:52; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14159  
28; 2626.0; 14-NOV-2004 06:08:57; Bright; 40.5; 73; 57Gam1And ; 2.26; 13100;occ; 81; 0;14159  
29; 2716.2; 14-NOV-2004 06:10:27; Bright; 46.0; 149; 45Eps Per ; 2.89; 30000;occ; 92; 0;14159  
30; 2819.8; 14-NOV-2004 06:12:10; Bright; 44.5; 35; 33Alp Per ; 1.79; 6250;occ; 89; 1;14159  
31; 2928.2; 14-NOV-2004 06:13:59; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 2;14159  
32; 3051.6; 14-NOV-2004 06:16:02; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 2;14159  
33; 3239.4; 14-NOV-2004 06:19:10; Bright; 65.0; 42; 34Bet Aur ; 1.90; 10200;occ; 130; 0;14159  
34; 3420.2; 14-NOV-2004 06:22:11; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 1;14159

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1;-2355.5; 14-NOV-2004 06:26:31; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;14159  
2;-2245.8; 14-NOV-2004 06:28:21; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;14159  
3;-2152.7; 14-NOV-2004 06:29:54; Bright; 43.5; 36; 50Alp UMa ; 1.80; 6300;occ; 87; 0;14159



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4;-2054.5; 14-NOV-2004 06:31:32; Bright; 42.0; 82; 48Bet UMa ; 2.37; 10600;occ; 84; 0;14159
5;-1919.0; 14-NOV-2004 06:33:48; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;14159
6;-1813.0; 14-NOV-2004 06:35:34; Bright; 41.5; 174; 52Psi UMa ; 3.00; 4400;occ; 83; 0;14159
7;-1710.2; 14-NOV-2004 06:37:16; Bright; 36.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 72; 0;14159
8;-1407.4; 14-NOV-2004 06:42:19; Bright; 33.5; 111; 8Eta Boo ; 2.68; 6000;occ; 67; 0;14159
9;-1208.0; 14-NOV-2004 06:45:39; Bright; 94.5; 166; 17Eps Leo ; 2.98; 6000;occ; 189; 0;14159
10; -924.9; 14-NOV-2004 06:50:22; Dark ; 81.0; 22; 32Alp Leo ; 1.36; 15200;occ; 162; 0;14159
11; -719.9; 14-NOV-2004 06:53:47; Dark ; 44.0; 100; 4Gam Crv ; 2.58; 13100;occ; 88; 0;14159
12; -628.6; 14-NOV-2004 06:55:18; Dark ; 45.5; 171; 2Eps Crv ; 3.00; 4250;occ; 91; 0;14159
13; -250.2; 14-NOV-2004 07:01:36; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;14159
14; -112.9; 14-NOV-2004 07:03:54; Dark ; 45.0; 26; Gam Cru ; 1.62; 2900;occ; 90; 0;14159
15; -15.3; 14-NOV-2004 07:05:31; Dark ; 44.5; 12; Alp1Cru ; 0.77; 30000;occ; 89; 0;14159
16; 104.6; 14-NOV-2004 07:07:31; Dark ; 40.5; 124; The Car ; 2.76; 30000;occ; 81; 0;14160
17; 207.1; 14-NOV-2004 07:09:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14160
18; 334.8; 14-NOV-2004 07:11:21; Dark ; 53.5; 41; Eps Car ; 1.86; 4100;occ; 107; 0;14160
19; 436.2; 14-NOV-2004 07:13:03; Dark ; 56.5; 70; Zet Pup ; 2.25; 39000;occ; 113; 0;14160
20; 663.9; 14-NOV-2004 07:16:50; Dark ; 61.0; 2; Alp Car ;-0.74; 7000;occ; 122; 0;14160
21; 776.8; 14-NOV-2004 07:18:43; Dark ; 85.0; 88; 31Eta CMA ; 2.45; 20000;occ; 170; 0;14160
22; 968.2; 14-NOV-2004 07:21:55; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;14160
23; 1066.7; 14-NOV-2004 07:23:33; Dark ; 56.0; 108; Alp Col ; 2.65; 15200;occ; 112; 0;14160
24; 1194.8; 14-NOV-2004 07:25:41; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14160
25; 1493.6; 14-NOV-2004 07:30:40; Dark ; 211.5; 1; 9Alp CMA ;-1.44; 11000;occ; 423; 0;14160

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1;-4348.3; 14-NOV-2004 07:33:54; Dark ; 212.0; 1; 9Alp CMA ;-1.44; 11000;occ; 424; 388;14160
2;-4236.0; 14-NOV-2004 07:35:47; Dark ; 93.0; 7; 19Bet Ori ; 0.10; 14000;occ; 186; 0;14160
3;-4062.5; 14-NOV-2004 07:38:40; Dark ; 52.5; 94; 92Alp Cet ; 2.53; 3100;occ; 105; 0;14160
4;-3775.3; 14-NOV-2004 07:43:27; Bright; 40.0; 105; 6Bet Ari ; 2.64; 8900;occ; 80; 0;14160
5;-3633.0; 14-NOV-2004 07:45:50; Bright; 48.0; 146; 25Eta Tau ; 2.87; 15200;occ; 96; 0;14160
6;-3532.7; 14-NOV-2004 07:47:30; Bright; 36.0; 173; 4Bet Tri ; 3.00; 8900;occ; 72; 0;14160
7;-3410.0; 14-NOV-2004 07:49:33; Bright; 41.0; 73; 57Gam1And ; 2.26; 13100;occ; 82; 0;14160
8;-3320.3; 14-NOV-2004 07:51:02; Bright; 45.0; 149; 45Eps Per ; 2.89; 30000;occ; 90; 0;14160
9;-3216.2; 14-NOV-2004 07:52:46; Bright; 40.0; 35; 33Alp Per ; 1.79; 6250;occ; 80; 0;14160
10;-3107.6; 14-NOV-2004 07:54:35; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;14160
11;-2985.6; 14-NOV-2004 07:56:37; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;14160
12;-2798.0; 14-NOV-2004 07:59:44; Bright; 64.5; 42; 34Bet Aur ; 1.90; 10200;occ; 129; 0;14160
13;-2616.4; 14-NOV-2004 08:02:46; Bright; 39.0; 49; 1Alp UMi ; 1.99; 6300;occ; 78; 0;14160
14;-2355.4; 14-NOV-2004 08:07:07; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;14160
15;-2245.9; 14-NOV-2004 08:08:57; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;14160
16;-2152.8; 14-NOV-2004 08:10:30; Bright; 42.5; 36; 50Alp UMa ; 1.80; 6300;occ; 85; 0;14160
17;-2054.5; 14-NOV-2004 08:12:08; Bright; 42.0; 82; 48Bet UMa ; 2.37; 10600;occ; 84; 0;14160
18;-1918.9; 14-NOV-2004 08:14:24; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;14160
19;-1813.1; 14-NOV-2004 08:16:09; Bright; 42.5; 174; 52Psi UMa ; 3.00; 4400;occ; 85; 0;14160
20;-1710.2; 14-NOV-2004 08:17:52; Bright; 37.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 74; 0;14160
21;-1432.8; 14-NOV-2004 08:22:30; Bright; 33.5; 3; 16Alp Boo ;-0.05; 4250;occ; 67; 0;14160
22;-1207.0; 14-NOV-2004 08:26:16; Bright; 93.5; 166; 17Eps Leo ; 2.98; 6000;occ; 187; 0;14160
23;-1019.3; 14-NOV-2004 08:29:23; Bright; 48.5; 121; 29Gam Vir ; 2.74; 7200;occ; 97; 0;14160
24; -923.4; 14-NOV-2004 08:30:59; Dark ; 86.5; 22; 32Alp Leo ; 1.36; 15200;occ; 173; 0;14160
25; -756.1; 14-NOV-2004 08:33:46; Dark ; 42.0; 163; 7Del Crv ; 2.94; 11000;occ; 84; 0;14160
26; -628.5; 14-NOV-2004 08:35:54; Dark ; 48.5; 171; 2Eps Crv ; 3.00; 4250;occ; 97; 0;14160
27; -250.2; 14-NOV-2004 08:42:12; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;14160
28; -113.0; 14-NOV-2004 08:44:29; Dark ; 47.0; 26; Gam Cru ; 1.62; 2900;occ; 94; 0;14160
29; -15.2; 14-NOV-2004 08:46:07; Dark ; 46.0; 12; Alp1Cru ; 0.77; 30000;occ; 92; 0;14160
30; 104.3; 14-NOV-2004 08:48:07; Dark ; 38.5; 124; The Car ; 2.76; 30000;occ; 77; 0;14161
31; 207.9; 14-NOV-2004 08:49:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14161
32; 335.0; 14-NOV-2004 08:51:58; Dark ; 43.5; 41; Eps Car ; 1.86; 4100;occ; 87; 0;14161
33; 436.9; 14-NOV-2004 08:53:39; Dark ; 56.0; 70; Zet Pup ; 2.25; 39000;occ; 112; 0;14161
34; 664.6; 14-NOV-2004 08:57:27; Dark ; 50.5; 2; Alp Car ;-0.74; 7000;occ; 101; 0;14161
35; 778.3; 14-NOV-2004 08:59:21; Dark ; 83.0; 88; 31Eta CMA ; 2.45; 20000;occ; 166; 0;14161
36; 968.2; 14-NOV-2004 09:02:31; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;14161
37; 1067.4; 14-NOV-2004 09:04:10; Dark ; 56.5; 108; Alp Col ; 2.65; 15200;occ; 113; 0;14161
38; 1194.4; 14-NOV-2004 09:06:17; Dark ; 41.5; 157; The1Eri ; 2.91; 9300;occ; 83; 0;14161
39; 1493.9; 14-NOV-2004 09:11:16; Dark ; 191.5; 1; 9Alp CMA ;-1.44; 11000;occ; 383; 0;14161

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Problem occurred when reading packet number 3677!

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2;-4236.4; 14-NOV-2004 09:16:22; Dark ; 89.5; 7; 19Bet Ori ; 0.10; 14000;occ; 179; 0;14161
3;-4062.5; 14-NOV-2004 09:19:16; Dark ; 50.0; 94; 92Alp Cet ; 2.53; 3100;occ; 100; 0;14161
4;-3775.2; 14-NOV-2004 09:24:03; Bright; 39.0; 105; 6Bet Ari ; 2.64; 8900;occ; 78; 0;14161

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5;-3632.9; 14-NOV-2004 09:26:26; Bright; 44.0; 146; 25Eta Tau ; 2.87; 15200;occ; 88; 0;14161
6;-3533.1; 14-NOV-2004 09:28:05; Bright; 36.5; 173; 4Bet Tri ; 3.00; 8900;occ; 73; 0;14161
7;-3410.0; 14-NOV-2004 09:30:08; Bright; 39.5; 73; 57Gam1And ; 2.26; 13100;occ; 79; 0;14161
8;-3320.9; 14-NOV-2004 09:31:38; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;14161
9;-3216.5; 14-NOV-2004 09:33:22; Bright; 42.5; 35; 33Alp Per ; 1.79; 6250;occ; 85; 0;14161
10;-3107.7; 14-NOV-2004 09:35:11; Bright; 38.0; 110; 37Del Cas ; 2.68; 8900;occ; 76; 0;14161
11;-2986.5; 14-NOV-2004 09:37:12; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;14161
12;-2799.4; 14-NOV-2004 09:40:19; Bright; 64.5; 42; 34Bet Aur ; 1.90; 10200;occ; 129; 0;14161
13;-2616.4; 14-NOV-2004 09:43:22; Bright; 39.0; 49; 1Alp UMi ; 1.99; 6300;occ; 78; 0;14161
14;-2355.5; 14-NOV-2004 09:47:43; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14161
15;-2245.5; 14-NOV-2004 09:49:33; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;14161
16;-2153.0; 14-NOV-2004 09:51:05; Bright; 43.5; 36; 50Alp UMa ; 1.80; 6300;occ; 87; 0;14161
17;-2054.7; 14-NOV-2004 09:52:44; Bright; 41.0; 82; 48Bet UMa ; 2.37; 10600;occ; 82; 0;14161
18;-1919.0; 14-NOV-2004 09:54:59; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;14161
19;-1813.2; 14-NOV-2004 09:56:45; Bright; 43.5; 174; 52Psi UMa ; 3.00; 4400;occ; 87; 0;14161
20;-1710.1; 14-NOV-2004 09:58:28; Bright; 37.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 74; 0;14161
21;-1432.7; 14-NOV-2004 10:03:06; Bright; 34.0; 3; 16Alp Boo ;-0.05; 4250;occ; 68; 0;14161
22;-1206.2; 14-NOV-2004 10:06:52; Bright; 87.5; 166; 17Eps Leo ; 2.98; 6000;occ; 175; 0;14161
23;-1018.9; 14-NOV-2004 10:10:00; Bright; 36.0; 121; 29Gam Vir ; 2.74; 7200;occ; 72; 0;14161
24; -922.2; 14-NOV-2004 10:11:36; Dark ; 95.0; 22; 32Alp Leo ; 1.36; 15200;occ; 190; 0;14161
25; -755.4; 14-NOV-2004 10:14:23; Dark ; 41.5; 163; 7Del Crv ; 2.94; 11000;occ; 83; 0;14161
26; -627.6; 14-NOV-2004 10:16:31; Dark ; 44.5; 171; 2Eps Crv ; 3.00; 4250;occ; 89; 0;14161
27; -249.7; 14-NOV-2004 10:22:49; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;14161
28; -112.8; 14-NOV-2004 10:25:06; Dark ; 44.5; 26; Gam Cru ; 1.62; 2900;occ; 89; 0;14161
29; -14.8; 14-NOV-2004 10:26:44; Dark ; 45.5; 12; Alp1Cru ; 0.77; 30000;occ; 91; 0;14161
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31; 208.8; 14-NOV-2004 10:30:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14162
32; 335.6; 14-NOV-2004 10:32:34; Dark ; 45.0; 41; Eps Car ; 1.86; 4100;occ; 90; 0;14162
33; 438.7; 14-NOV-2004 10:34:17; Dark ; 57.5; 70; Zet Pup ; 2.25; 39000;occ; 115; 0;14162
34; 665.2; 14-NOV-2004 10:38:04; Dark ; 51.0; 2; Alp Car ;-0.74; 7000;occ; 102; 0;14162
35; 780.0; 14-NOV-2004 10:39:58; Dark ; 82.5; 88; 31Eta CMa ; 2.45; 20000;occ; 165; 0;14162
36; 968.5; 14-NOV-2004 10:43:07; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;14162
37; 1068.4; 14-NOV-2004 10:44:47; Dark ; 56.5; 108; Alp Col ; 2.65; 15200;occ; 113; 3;14162
38; 1195.2; 14-NOV-2004 10:46:54; Dark ; 43.0; 157; The1Eri ; 2.91; 9300;occ; 86; 0;14162
39; 1494.4; 14-NOV-2004 10:51:53; Dark ; 193.0; 1; 9Alp CMa ;-1.44; 11000;occ; 386; 0;14162
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4;-3774.6; 14-NOV-2004 11:04:40; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14162
5;-3633.4; 14-NOV-2004 11:07:01; Bright; 47.0; 146; 25Eta Tau ; 2.87; 15200;occ; 94; 0;14162
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9;-3216.6; 14-NOV-2004 11:13:58; Bright; 43.0; 35; 33Alp Per ; 1.79; 6250;occ; 86; 0;14162
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13;-2615.8; 14-NOV-2004 11:23:59; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;14162
14;-2355.1; 14-NOV-2004 11:28:19; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14162
15;-2245.0; 14-NOV-2004 11:30:09; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;14162
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18;-1918.6; 14-NOV-2004 11:35:36; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;14162
19;-1813.1; 14-NOV-2004 11:37:21; Bright; 44.0; 174; 52Psi UMa ; 3.00; 4400;occ; 88; 0;14162
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26; -627.0; 14-NOV-2004 11:57:07; Dark ; 46.5; 171; 2Eps Crv ; 3.00; 4250;occ; 93; 0;14162
27; -249.2; 14-NOV-2004 12:03:25; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;14162
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32; 336.7; 14-NOV-2004 12:13:11; Dark ; 43.0; 41; Eps Car ; 1.86; 4100;occ; 86; 0;14163

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36; 968.5; 14-NOV-2004 12:23:43; Dark ; 40.0; 9; Alp Eri ; 0.45; 24000;occ; 80; 0;14163
37; 1069.1; 14-NOV-2004 12:25:23; Dark ; 53.5; 108; Alp Col ; 2.65; 15200;occ; 107; 0;14163
38; 1196.3; 14-NOV-2004 12:27:31; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;14163
39; 1494.5; 14-NOV-2004 12:32:29; Dark ; 80.0; 1; 9Alp CMA ;-1.44; 11000;occ; 160; 0;14163
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8;-3321.5; 14-NOV-2004 12:52:49; Bright; 44.5; 149; 45Eps Per ; 2.89; 30000;occ; 89; 0;14163
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22;-1018.9; 14-NOV-2004 13:31:11; Bright; 39.0; 121; 29Gam Vir ; 2.74; 7200;occ; 78; 0;14163
23; -919.4; 14-NOV-2004 13:32:51; Dark ; 102.5; 22; 32Alp Leo ; 1.36; 15200;occ; 205; 0;14163
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29; 105.9; 14-NOV-2004 13:49:56; Dark ; 40.5; 124; The Car ; 2.76; 30000;occ; 81; 0;14164
30; 210.5; 14-NOV-2004 13:51:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14164
31; 337.6; 14-NOV-2004 13:53:48; Dark ; 46.5; 41; Eps Car ; 1.86; 4100;occ; 93; 0;14164
32; 441.5; 14-NOV-2004 13:55:32; Dark ; 57.5; 70; Zet Pup ; 2.25; 39000;occ; 115; 0;14164
33; 666.6; 14-NOV-2004 13:59:17; Dark ; 49.0; 2; Alp Car ;-0.74; 7000;occ; 98; 0;14164
34; 783.8; 14-NOV-2004 14:01:14; Dark ; 84.5; 88; 31Eta CMA ; 2.45; 20000;occ; 169; 0;14164
35; 968.6; 14-NOV-2004 14:04:19; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;14164
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37; 1196.2; 14-NOV-2004 14:08:06; Dark ; 39.0; 157; The1Eri ; 2.91; 9300;occ; 78; 0;14164
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3;-4062.1; 14-NOV-2004 14:21:04; Dark ; 48.5; 94; 92Alp Cet ; 2.53; 3100;occ; 97; 0;14164
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5;-3634.5; 14-NOV-2004 14:28:12; Bright; 46.0; 146; 25Eta Tau ; 2.87; 15200;occ; 92; 0;14164
6;-3533.6; 14-NOV-2004 14:29:53; Bright; 37.0; 173; 4Bet Tri ; 3.00; 8900;occ; 74; 0;14164
7;-3409.6; 14-NOV-2004 14:31:57; Bright; 41.0; 73; 57Gam1And ; 2.26; 13100;occ; 82; 0;14164
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 26; -627.3; 14-NOV-2004 15:18:19; Dark ; 43.0; 171; 2Eps Crv ; 3.00; 4250;occ; 86; 0;14164  
 27; -249.4; 14-NOV-2004 15:24:37; Dark ; 42.5; 64; Gam Cen ; 2.20; 10600;occ; 85; 0;14164  
 28; -112.3; 14-NOV-2004 15:26:54; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14164  
 29; -14.7; 14-NOV-2004 15:28:31; Dark ; 47.0; 12; Alp1Cru ; 0.77; 30000;occ; 94; 0;14164  
 30; 106.3; 14-NOV-2004 15:30:33; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14165  
 31; 211.3; 14-NOV-2004 15:32:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14165  
 32; 338.0; 14-NOV-2004 15:34:24; Dark ; 43.5; 41; Eps Car ; 1.86; 4100;occ; 87; 0;14165  
 33; 442.7; 14-NOV-2004 15:36:09; Dark ; 59.0; 70; Zet Pup ; 2.25; 39000;occ; 118; 0;14165  
 34; 667.7; 14-NOV-2004 15:39:54; Dark ; 61.0; 2; Alp Car ; -0.74; 7000;occ; 122; 0;14165  
 35; 785.0; 14-NOV-2004 15:41:51; Dark ; 81.5; 88; 31Eta CMA ; 2.45; 20000;occ; 163; 0;14165  
 36; 968.7; 14-NOV-2004 15:44:55; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;14165  
 37; 1070.8; 14-NOV-2004 15:46:37; Dark ; 59.0; 108; Alp Col ; 2.65; 15200;occ; 118; 0;14165  
 38; 1196.9; 14-NOV-2004 15:48:43; Dark ; 41.0; 157; The1Eri ; 2.91; 9300;occ; 82; 0;14165

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 5;-4618.8; 14-NOV-2004 20:54:11; Dark ; 76.0; 139; 9Bet Lep ; 2.83; 5600;occ; 152; 3;14168  
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 23;-1814.0; 14-NOV-2004 21:40:56; Bright; 46.0; 174; 52Psi UMa ; 3.00; 4400;occ; 92; 2;14168  
 24;-1709.8; 14-NOV-2004 21:42:40; Bright; 38.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 76; 2;14168  
 25;-1432.8; 14-NOV-2004 21:47:17; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14168  
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 2;-4619.5; 14-NOV-2004 15:52:23; Dark ; 70.5; 139; 9Bet Lep ; 2.83; 5600;occ; 141; 0;14165  
 3;-4397.6; 14-NOV-2004 15:56:05; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;14165  
 4;-4237.8; 14-NOV-2004 15:58:44; Dark ; 88.0; 7; 19Bet Ori ; 0.10; 14000;occ; 176; 0;14165  
 5;-4061.8; 14-NOV-2004 16:01:40; Dark ; 49.0; 94; 92Alp Cet ; 2.53; 3100;occ; 98; 0;14165  
 6;-3773.7; 14-NOV-2004 16:06:28; Bright; 37.0; 105; 6Bet Ari ; 2.64; 8900;occ; 74; 0;14165  
 7;-3635.0; 14-NOV-2004 16:08:47; Bright; 46.0; 146; 25Eta Tau ; 2.87; 15200;occ; 92; 0;14165  
 8;-3533.3; 14-NOV-2004 16:10:29; Bright; 38.0; 173; 4Bet Tri ; 3.00; 8900;occ; 76; 0;14165  
 9;-3409.6; 14-NOV-2004 16:12:33; Bright; 40.0; 73; 57Gam1And ; 2.26; 13100;occ; 80; 0;14165  
 10;-3323.2; 14-NOV-2004 16:13:59; Bright; 44.5; 149; 45Eps Per ; 2.89; 30000;occ; 89; 0;14165  
 11;-3217.8; 14-NOV-2004 16:15:44; Bright; 39.0; 35; 33Alp Per ; 1.79; 6250;occ; 78; 0;14165  
 12;-3107.1; 14-NOV-2004 16:17:35; Bright; 35.5; 110; 37Del Cas ; 2.68; 8900;occ; 71; 0;14165  
 13;-2990.7; 14-NOV-2004 16:19:32; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;14165  
 14;-2804.9; 14-NOV-2004 16:22:37; Bright; 62.5; 42; 34Bet Aur ; 1.90; 10200;occ; 125; 0;14165  
 15;-2615.5; 14-NOV-2004 16:25:47; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;14165

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19;-1918.5; 14-NOV-2004 16:37:24; Bright; 35.0; 39; 85Eta UMa ; 1.85; 24000;occ; 70; 0;14165
20;-1813.6; 14-NOV-2004 16:39:09; Bright; 46.0; 174; 52Psi UMa ; 3.00; 4400;occ; 92; 0;14165
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27; -717.2; 14-NOV-2004 16:57:25; Dark ; 44.0; 100; 4Gam Crv ; 2.58; 13100;occ; 88; 0;14165
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33; 212.1; 14-NOV-2004 17:12:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14166
34; 338.2; 14-NOV-2004 17:15:00; Dark ; 49.0; 41; Eps Car ; 1.86; 4100;occ; 98; 0;14166
35; 443.9; 14-NOV-2004 17:16:46; Dark ; 57.0; 70; Zet Pup ; 2.25; 39000;occ; 114; 0;14166
36; 667.9; 14-NOV-2004 17:20:30; Dark ; 50.5; 2; Alp Car ;-0.74; 7000;occ; 101; 0;14166
37; 786.5; 14-NOV-2004 17:22:29; Dark ; 84.5; 88; 31Eta CMa ; 2.45; 20000;occ; 169; 0;14166
38; 968.7; 14-NOV-2004 17:25:31; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;14166
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18;-2244.3; 14-NOV-2004 18:12:34; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;14166
19;-2056.4; 14-NOV-2004 18:15:42; Bright; 41.0; 82; 48Bet UMa ; 2.37; 10600;occ; 82; 0;14166
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22;-1709.6; 14-NOV-2004 18:21:29; Bright; 36.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 72; 0;14166
23;-1432.4; 14-NOV-2004 18:26:06; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;14166
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26;-1018.8; 14-NOV-2004 18:32:59; Bright; 44.0; 121; 29Gam Vir ; 2.74; 7200;occ; 88; 0;14166
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33; 106.4; 14-NOV-2004 18:51:45; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14167
34; 212.9; 14-NOV-2004 18:53:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14167
35; 339.2; 14-NOV-2004 18:55:37; Dark ; 55.0; 41; Eps Car ; 1.86; 4100;occ; 110; 0;14167
36; 444.4; 14-NOV-2004 18:57:23; Dark ; 59.0; 70; Zet Pup ; 2.25; 39000;occ; 118; 0;14167
37; 668.5; 14-NOV-2004 19:01:07; Dark ; 51.0; 2; Alp Car ;-0.74; 7000;occ; 102; 0;14167
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9;-3776.8; 14-NOV-2004 19:27:37; Bright; 46.0; 105; 6Bet Ari ; 2.64; 8900;occ; 80; 0;14167  
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13;-3325.3; 14-NOV-2004 19:35:09; Bright; 46.0; 149; 45Eps Per ; 2.89; 30000;occ; 92; 0;14167  
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17;-2808.5; 14-NOV-2004 19:43:46; Bright; 63.0; 42; 34Bet Aur ; 1.90; 10200;occ; 126; 0;14167  
18;-2615.9; 14-NOV-2004 19:46:58; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;14167  
19;-2355.3; 14-NOV-2004 19:51:19; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;14167  
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21;-2056.2; 14-NOV-2004 19:56:18; Bright; 44.5; 82; 48Bet UMa ; 2.37; 10600;occ; 89; 0;14167  
22;-1919.7; 14-NOV-2004 19:58:34; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;14167  
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24;-1710.5; 14-NOV-2004 20:02:04; Bright; 38.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 77; 0;14167  
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27;-1200.9; 14-NOV-2004 20:10:33; Bright; 94.5; 166; 17Eps Leo ; 2.98; 6000;occ; 189; 0;14167  
28;-1020.2; 14-NOV-2004 20:13:34; Bright; 42.0; 121; 29Gam Vir ; 2.74; 7200;occ; 84; 0;14167  
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31;-626.2; 14-NOV-2004 20:20:08; Dark ; 48.5; 171; 2Eps Crv ; 3.00; 4250;occ; 97; 0;14167  
32;-249.1; 14-NOV-2004 20:26:25; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;14167  
33;-111.7; 14-NOV-2004 20:28:42; Dark ; 51.5; 26; Gam Cru ; 1.62; 2900;occ; 103; 0;14167  
34;-14.1; 14-NOV-2004 20:30:20; Dark ; 46.0; 12; Alp1Cru ; 0.77; 30000;occ; 92; 0;14167  
35; 106.7; 14-NOV-2004 20:32:21; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14168  
36; 213.7; 14-NOV-2004 20:34:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14168  
37; 339.4; 14-NOV-2004 20:36:14; Dark ; 47.0; 41; Eps Car ; 1.86; 4100;occ; 94; 0;14168  
38; 445.6; 14-NOV-2004 20:38:00; Dark ; 58.0; 70; Zet Pup ; 2.25; 39000;occ; 116; 0;14168  
39; 669.2; 14-NOV-2004 20:41:43; Dark ; 54.5; 2; Alp Car ; -0.74; 7000;occ; 109; 0;14168  
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7;-1430.8; 15-NOV-2004 02:49:07; Bright; 34.0; 3; 16Alp Boo ; -0.05; 4250;occ; 68; 0;14171  
8;-1196.5; 15-NOV-2004 02:53:01; Bright; 91.0; 166; 17Eps Leo ; 2.98; 6000;occ; 182; 2;14171  
9;-908.3; 15-NOV-2004 02:57:50; Dark ; 90.0; 22; 32Alp Leo ; 1.36; 15200;occ; 180; 1;14171  
10;-713.9; 15-NOV-2004 03:01:04; Dark ; 43.5; 100; 4Gam Crv ; 2.58; 13100;occ; 87; 0;14171  
11;-622.5; 15-NOV-2004 03:02:35; Dark ; 42.5; 171; 2Eps Crv ; 3.00; 4250;occ; 85; 0;14171  
12;-247.1; 15-NOV-2004 03:08:51; Dark ; 38.5; 64; Gam Cen ; 2.20; 10600;occ; 77; 0;14171  
13;-110.3; 15-NOV-2004 03:11:07; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14171  
14;-13.0; 15-NOV-2004 03:12:45; Dark ; 39.5; 12; Alp1Cru ; 0.77; 30000;occ; 79; 2;14171  
15; 184.6; 15-NOV-2004 03:16:02; Dark ; 42.0; 91; Kap Vel ; 2.49; 26000;occ; 84; 0;14172  
16; 342.9; 15-NOV-2004 03:18:41; Dark ; 46.0; 41; Eps Car ; 1.86; 4100;occ; 92; 1;14172  
17; 524.0; 15-NOV-2004 03:21:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14172  
18; 673.3; 15-NOV-2004 03:24:11; Dark ; 52.0; 2; Alp Car ; -0.74; 7000;occ; 104; 0;14172  
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21; 1075.6; 15-NOV-2004 03:30:53; Dark ; 55.0; 108; Alp Col ; 2.65; 15200;occ; 110; 0;14172  
22; 1198.9; 15-NOV-2004 03:32:57; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14172  
23; 1500.5; 15-NOV-2004 03:37:58; Dark ; 76.5; 101; 11Alp Lep ; 2.58; 7000;occ; 153; 0;14172  
24; 1638.8; 15-NOV-2004 03:40:17; Dark ; 53.0; 165; 34Gam Eri ; 2.95; 3200;occ; 106; 0;14172  
25; 1795.7; 15-NOV-2004 03:42:54; Dark ; 86.5; 7; 19Bet Ori ; 0.10; 14000;occ; 173; 2;14172  
26; 1974.5; 15-NOV-2004 03:45:52; Dark ; 48.0; 94; 92Alp Cet ; 2.53; 3100;occ; 96; 1;14172  
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29; 2502.8; 15-NOV-2004 03:54:41; Bright; 36.5; 173; 4Bet Tri ; 3.00; 8900;occ; 73; 1;14172  
 30; 2815.5; 15-NOV-2004 03:59:53; Bright; 41.5; 35; 33Alp Per ; 1.79; 6250;occ; 83; 0;14172  
 31; 2929.4; 15-NOV-2004 04:01:47; Bright; 36.0; 110; 37Del Cas ; 2.68; 8900;occ; 72; 0;14172  
 32; 3037.5; 15-NOV-2004 04:03:35; Bright; 60.0; 6; 13Alp Aur ; 0.08; 3400;occ; 120; 0;14172  
 33; 3221.1; 15-NOV-2004 04:06:39; Bright; 60.0; 42; 34Bet Aur ; 1.90; 10200;occ; 120; 0;14172  
 34; 3421.2; 15-NOV-2004 04:09:59; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;14172

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 34; 3219.4; 15-NOV-2004 05:47:13; Bright; 62.0; 42; 34Bet Aur ; 1.90; 10200;occ; 124; 2;14173  
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 28; 222.5; 15-NOV-2004 13:20:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14178  
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1;-2349.8; 18-NOV-2004 06:00:45; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;14216  
2;-2228.7; 18-NOV-2004 06:02:46; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;14216  
3;-2066.9; 18-NOV-2004 06:05:28; Bright; 44.0; 82; 48Bet UMa ; 2.37; 10600;occ; 88; 0;14216  
4;-1913.5; 18-NOV-2004 06:08:01; Bright; 45.0; 39; 85Eta UMa ; 1.85; 24000;occ; 90; 0;14216

5;-1819.9; 18-NOV-2004 06:09:35; Bright; 48.5; 174; 52Psi UMA ; 3.00; 4400;occ; 97; 0;14216  
6;-1704.8; 18-NOV-2004 06:11:30; Bright; 38.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 77; 0;14216  
7;-1575.5; 18-NOV-2004 06:13:39; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;14216  
8;-1424.7; 18-NOV-2004 06:16:10; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;14216  
9;-1281.8; 18-NOV-2004 06:18:33; Bright; 52.5; 96; 68Del Leo ; 2.56; 9300;occ; 105; 0;14216  
10;-1138.9; 18-NOV-2004 06:20:56; Bright; 89.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 178; 0;14216  
11; -838.0; 18-NOV-2004 06:25:57; Dark ; 104.5; 22; 32Alp Leo ; 1.36; 15200;occ; 209; 0;14216  
12; -629.2; 18-NOV-2004 06:29:26; Dark ; 45.5; 106; 9Bet Crv ; 2.65; 5600;occ; 91; 0;14216  
13; -236.9; 18-NOV-2004 06:35:58; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;14216  
14; -5.7; 18-NOV-2004 06:39:49; Dark ; 40.5; 12; Alp1Cru ; 0.77; 30000;occ; 81; 0;14216  
15; 127.1; 18-NOV-2004 06:42:02; Dark ; 40.0; 124; The Car ; 2.76; 30000;occ; 80; 0;14217  
16; 255.1; 18-NOV-2004 06:44:10; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14217  
17; 371.7; 18-NOV-2004 06:46:07; Dark ; 54.5; 41; Eps Car ; 1.86; 4100;occ; 109; 0;14217  
18; 505.8; 18-NOV-2004 06:48:21; Dark ; 57.0; 70; Zet Pup ; 2.25; 39000;occ; 114; 0;14217  
19; 702.1; 18-NOV-2004 06:51:37; Dark ; 45.5; 2; Alp Car ;-0.74; 7000;occ; 91; 0;14217  
20; 858.5; 18-NOV-2004 06:54:13; Dark ; 79.5; 88; 31Eta CMA ; 2.45; 20000;occ; 159; 0;14217  
21; 1015.6; 18-NOV-2004 06:56:50; Dark ; 95.0; 37; 25Del CMA ; 1.83; 5900;occ; 190; 0;14217  
22; 1208.8; 18-NOV-2004 07:00:04; Dark ; 39.0; 157; The1Eri ; 2.91; 9300;occ; 78; 0;14217  
23; 1503.8; 18-NOV-2004 07:04:59; Dark ; 167.5; 1; 9Alp CMA ;-1.44; 11000;occ; 335; 0;14217

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1;-4256.8; 18-NOV-2004 07:09:34; Dark ; 87.0; 7; 19Bet Ori ; 0.10; 14000;occ; 174; 0;14217  
2;-4063.8; 18-NOV-2004 07:12:47; Dark ; 48.0; 94; 92Alp Cet ; 2.53; 3100;occ; 96; 0;14217  
3;-3769.2; 18-NOV-2004 07:17:42; Bright; 38.0; 105; 6Bet Ari ; 2.64; 8900;occ; 76; 0;14217  
4;-3659.0; 18-NOV-2004 07:19:32; Bright; 44.5; 146; 25Eta Tau ; 2.87; 15200;occ; 89; 0;14217  
5;-3533.8; 18-NOV-2004 07:21:37; Bright; 37.0; 173; 4Bet Tri ; 3.00; 8900;occ; 74; 0;14217  
6;-3410.0; 18-NOV-2004 07:23:41; Bright; 38.5; 73; 57Gam1And ; 2.26; 13100;occ; 77; 0;14217  
7;-3235.4; 18-NOV-2004 07:26:35; Bright; 41.5; 35; 33Alp Per ; 1.79; 6250;occ; 83; 0;14217  
8;-3139.6; 18-NOV-2004 07:28:11; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;14217  
9;-3044.7; 18-NOV-2004 07:29:46; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;14217  
10;-2877.0; 18-NOV-2004 07:32:34; Bright; 59.5; 42; 34Bet Aur ; 1.90; 10200;occ; 119; 0;14217  
11;-2615.5; 18-NOV-2004 07:36:55; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;14217  
12;-2349.2; 18-NOV-2004 07:41:22; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14217  
13;-2228.0; 18-NOV-2004 07:43:23; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;14217  
14;-2066.5; 18-NOV-2004 07:46:04; Bright; 44.5; 82; 48Bet UMA ; 2.37; 10600;occ; 89; 0;14217  
15;-1912.7; 18-NOV-2004 07:48:38; Bright; 40.5; 39; 85Eta UMA ; 1.85; 24000;occ; 81; 0;14217  
16;-1820.2; 18-NOV-2004 07:50:11; Bright; 49.5; 174; 52Psi UMA ; 3.00; 4400;occ; 99; 0;14217  
17;-1704.1; 18-NOV-2004 07:52:07; Bright; 38.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 76; 0;14217  
18;-1574.9; 18-NOV-2004 07:54:16; Bright; 34.5; 83; ; 2.38; 11000;occ; 69; 0;14217  
19;-1424.5; 18-NOV-2004 07:56:46; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;14217  
20;-1281.3; 18-NOV-2004 07:59:09; Bright; 51.0; 96; 68Del Leo ; 2.56; 9300;occ; 102; 0;14217  
21;-1138.2; 18-NOV-2004 08:01:33; Bright; 84.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 169; 0;14217  
22; -836.2; 18-NOV-2004 08:06:35; Dark ; 109.5; 22; 32Alp Leo ; 1.36; 15200;occ; 219; 0;14217  
23; -628.6; 18-NOV-2004 08:10:02; Dark ; 45.0; 106; 9Bet Crv ; 2.65; 5600;occ; 90; 0;14217  
24; -236.3; 18-NOV-2004 08:16:34; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;14217  
25; -5.0; 18-NOV-2004 08:20:26; Dark ; 39.0; 12; Alp1Cru ; 0.77; 30000;occ; 78; 0;14217  
26; 127.4; 18-NOV-2004 08:22:38; Dark ; 40.0; 124; The Car ; 2.76; 30000;occ; 80; 0;14218  
27; 255.9; 18-NOV-2004 08:24:47; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14218  
28; 372.1; 18-NOV-2004 08:26:43; Dark ; 57.5; 41; Eps Car ; 1.86; 4100;occ; 115; 0;14218  
29; 507.4; 18-NOV-2004 08:28:58; Dark ; 56.5; 70; Zet Pup ; 2.25; 39000;occ; 113; 0;14218  
30; 702.7; 18-NOV-2004 08:32:14; Dark ; 55.0; 2; Alp Car ;-0.74; 7000;occ; 110; 0;14218  
31; 861.7; 18-NOV-2004 08:34:52; Dark ; 82.5; 88; 31Eta CMA ; 2.45; 20000;occ; 165; 0;14218  
32; 1015.2; 18-NOV-2004 08:37:26; Dark ; 97.0; 37; 25Del CMA ; 1.83; 5900;occ; 194; 0;14218  
33; 1209.0; 18-NOV-2004 08:40:40; Dark ; 38.5; 157; The1Eri ; 2.91; 9300;occ; 77; 0;14218  
34; 1504.3; 18-NOV-2004 08:45:35; Dark ; 166.0; 1; 9Alp CMA ;-1.44; 11000;occ; 332; 0;14218

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Problem occurred when reading packet number 2335!

1;-4380.6; 18-NOV-2004 08:48:06; Dark ; 166.5; 1; 9Alp CMA ;-1.44; 11000;occ; 333; 302;14218  
2;-4256.1; 18-NOV-2004 08:50:11; Dark ; 76.5; 7; 19Bet Ori ; 0.10; 14000;occ; 153; 0;14218  
3;-4063.8; 18-NOV-2004 08:53:23; Dark ; 45.5; 94; 92Alp Cet ; 2.53; 3100;occ; 91; 0;14218  
4;-3769.1; 18-NOV-2004 08:58:18; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14218  
5;-3659.3; 18-NOV-2004 09:00:07; Bright; 45.0; 146; 25Eta Tau ; 2.87; 15200;occ; 90; 0;14218  
6;-3534.0; 18-NOV-2004 09:02:13; Bright; 38.5; 173; 4Bet Tri ; 3.00; 8900;occ; 77; 0;14218  
7;-3409.9; 18-NOV-2004 09:04:17; Bright; 39.5; 73; 57Gam1And ; 2.26; 13100;occ; 79; 0;14218  
8;-3235.9; 18-NOV-2004 09:07:11; Bright; 41.5; 35; 33Alp Per ; 1.79; 6250;occ; 83; 0;14218  
9;-3139.6; 18-NOV-2004 09:08:47; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;14218  
10;-3045.6; 18-NOV-2004 09:10:21; Bright; 60.0; 6; 13Alp Aur ; 0.08; 3400;occ; 120; 0;14218  
11;-2878.0; 18-NOV-2004 09:13:09; Bright; 58.5; 42; 34Bet Aur ; 1.90; 10200;occ; 117; 0;14218  
12;-2615.4; 18-NOV-2004 09:17:31; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;14218



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13;-2349.5; 18-NOV-2004 09:21:57; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14218
14;-2227.0; 18-NOV-2004 09:24:00; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;14218
15;-2067.0; 18-NOV-2004 09:26:40; Bright; 43.0; 82; 48Bet UMa ; 2.37; 10600;occ; 86; 0;14218
16;-1911.8; 18-NOV-2004 09:29:15; Bright; 38.0; 39; 85Eta UMa ; 1.85; 24000;occ; 76; 0;14218
17;-1820.2; 18-NOV-2004 09:30:46; Bright; 48.0; 174; 52Psi UMa ; 3.00; 4400;occ; 96; 0;14218
18;-1703.9; 18-NOV-2004 09:32:43; Bright; 37.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 75; 0;14218
19;-1575.0; 18-NOV-2004 09:34:52; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;14218
20;-1424.3; 18-NOV-2004 09:37:22; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;14218
21;-1280.5; 18-NOV-2004 09:39:46; Bright; 55.5; 96; 68Del Leo ; 2.56; 9300;occ; 111; 0;14218
22;-1136.9; 18-NOV-2004 09:42:10; Bright; 90.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 181; 0;14218
23; -834.3; 18-NOV-2004 09:47:12; Dark ; 103.0; 22; 32Alp Leo ; 1.36; 15200;occ; 206; 0;14218
24; -628.0; 18-NOV-2004 09:50:39; Dark ; 46.0; 106; 9Bet Crv ; 2.65; 5600;occ; 92; 0;14218
25; -236.0; 18-NOV-2004 09:57:11; Dark ; 39.0; 64; Gam Cen ; 2.20; 10600;occ; 78; 29;14218
26; -5.2; 18-NOV-2004 10:01:01; Dark ; 50.0; 12; Alp1Cru ; 0.77; 30000;occ; 100; 0;14218
27; 127.3; 18-NOV-2004 10:03:14; Dark ; 40.0; 124; The Car ; 2.76; 30000;occ; 80; 0;14219
28; 256.9; 18-NOV-2004 10:05:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14219
29; 372.5; 18-NOV-2004 10:07:19; Dark ; 48.5; 41; Eps Car ; 1.86; 4100;occ; 97; 0;14219
30; 508.3; 18-NOV-2004 10:09:35; Dark ; 59.5; 70; Zet Pup ; 2.25; 39000;occ; 119; 0;14219
31; 703.1; 18-NOV-2004 10:12:50; Dark ; 53.0; 2; Alp Car ;-0.74; 7000;occ; 106; 0;14219
32; 861.3; 18-NOV-2004 10:15:28; Dark ; 81.0; 88; 31Eta CMa ; 2.45; 20000;occ; 162; 0;14219
33; 1018.8; 18-NOV-2004 10:18:05; Dark ; 97.5; 37; 25Del CMa ; 1.83; 5900;occ; 195; 0;14219
34; 1209.1; 18-NOV-2004 10:21:16; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14219
35; 1504.8; 18-NOV-2004 10:26:12; Dark ; 159.5; 1; 9Alp CMa ;-1.44; 11000;occ; 319; 0;14219
/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL_0PNPDK20041118_102818_000056522032_00137_14219_1413.N1
1;-4405.0; 18-NOV-2004 10:28:18; Dark ; 160.0; 1; 9Alp CMa ;-1.44; 11000;occ; 320; 252;14219
2;-4256.3; 18-NOV-2004 10:30:46; Dark ; 81.0; 7; 19Bet Ori ; 0.10; 14000;occ; 162; 0;14219
3;-4064.0; 18-NOV-2004 10:33:59; Dark ; 47.0; 94; 92Alp Cet ; 2.53; 3100;occ; 94; 0;14219
4;-3769.1; 18-NOV-2004 10:38:53; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14219
5;-3660.7; 18-NOV-2004 10:40:42; Bright; 46.0; 146; 25Eta Tau ; 2.87; 15200;occ; 92; 0;14219
6;-3534.2; 18-NOV-2004 10:42:48; Bright; 37.0; 173; 4Bet Tri ; 3.00; 8900;occ; 74; 0;14219
7;-3410.2; 18-NOV-2004 10:44:52; Bright; 37.0; 73; 57Gam1And ; 2.26; 13100;occ; 74; 0;14219
8;-3236.6; 18-NOV-2004 10:47:46; Bright; 42.5; 35; 33Alp Per ; 1.79; 6250;occ; 85; 0;14219
9;-3139.6; 18-NOV-2004 10:49:23; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;14219
10;-3046.6; 18-NOV-2004 10:50:56; Bright; 63.5; 6; 13Alp Aur ; 0.08; 3400;occ; 127; 0;14219
11;-2879.0; 18-NOV-2004 10:53:44; Bright; 61.0; 42; 34Bet Aur ; 1.90; 10200;occ; 122; 0;14219
12;-2616.4; 18-NOV-2004 10:58:06; Bright; 39.5; 49; 1Alp UMi ; 1.99; 6300;occ; 79; 0;14219
13;-2351.7; 18-NOV-2004 11:02:31; Bright; 40.5; 60; 7Bet UMi ; 2.08; 3950;occ; 81; 0;14219
14;-2227.8; 18-NOV-2004 11:04:35; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;14219
15;-2066.6; 18-NOV-2004 11:07:16; Bright; 43.0; 82; 48Bet UMa ; 2.37; 10600;occ; 86; 0;14219
16;-1912.1; 18-NOV-2004 11:09:50; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;14219
17;-1819.3; 18-NOV-2004 11:11:23; Bright; 47.5; 174; 52Psi UMa ; 3.00; 4400;occ; 95; 0;14219
18;-1703.8; 18-NOV-2004 11:13:19; Bright; 54.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 108; 0;14219
19;-1575.6; 18-NOV-2004 11:15:27; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;14219
20;-1424.8; 18-NOV-2004 11:17:58; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;14219
21;-1279.9; 18-NOV-2004 11:20:23; Bright; 52.5; 96; 68Del Leo ; 2.56; 9300;occ; 105; 0;14219
22;-1135.8; 18-NOV-2004 11:22:47; Bright; 89.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 179; 0;14219
23; -832.3; 18-NOV-2004 11:27:50; Dark ; 107.5; 22; 32Alp Leo ; 1.36; 15200;occ; 215; 0;14219
24; -628.1; 18-NOV-2004 11:31:14; Dark ; 46.5; 106; 9Bet Crv ; 2.65; 5600;occ; 93; 0;14219
25; -236.1; 18-NOV-2004 11:37:46; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 0;14219
26; -5.1; 18-NOV-2004 11:41:37; Dark ; 46.0; 12; Alp1Cru ; 0.77; 30000;occ; 92; 0;14219
27; 127.7; 18-NOV-2004 11:43:50; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14220
28; 257.7; 18-NOV-2004 11:46:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14220
29; 373.1; 18-NOV-2004 11:47:56; Dark ; 46.5; 41; Eps Car ; 1.86; 4100;occ; 93; 0;14220
30; 509.6; 18-NOV-2004 11:50:12; Dark ; 59.5; 70; Zet Pup ; 2.25; 39000;occ; 119; 0;14220
31; 702.8; 18-NOV-2004 11:53:25; Dark ; 50.0; 2; Alp Car ;-0.74; 7000;occ; 100; 0;14220
32; 862.7; 18-NOV-2004 11:56:05; Dark ; 86.5; 88; 31Eta CMa ; 2.45; 20000;occ; 173; 0;14220
33; 1019.4; 18-NOV-2004 11:58:42; Dark ; 103.0; 37; 25Del CMa ; 1.83; 5900;occ; 206; 0;14220
34; 1209.2; 18-NOV-2004 12:01:52; Dark ; 39.0; 157; The1Eri ; 2.91; 9300;occ; 78; 0;14220
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2;-4257.0; 18-NOV-2004 12:11:21; Dark ; 75.5; 7; 19Bet Ori ; 0.10; 14000;occ; 151; 0;14220
3;-4064.0; 18-NOV-2004 12:14:34; Dark ; 49.5; 94; 92Alp Cet ; 2.53; 3100;occ; 99; 0;14220
4;-3769.3; 18-NOV-2004 12:19:29; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14220
5;-3660.7; 18-NOV-2004 12:21:18; Bright; 44.5; 146; 25Eta Tau ; 2.87; 15200;occ; 89; 0;14220
6;-3534.3; 18-NOV-2004 12:23:24; Bright; 36.0; 173; 4Bet Tri ; 3.00; 8900;occ; 72; 0;14220
7;-3410.2; 18-NOV-2004 12:25:28; Bright; 36.0; 73; 57Gam1And ; 2.26; 13100;occ; 72; 0;14220
8;-3236.7; 18-NOV-2004 12:28:22; Bright; 41.0; 35; 33Alp Per ; 1.79; 6250;occ; 82; 0;14220
9;-3139.4; 18-NOV-2004 12:29:59; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;14220

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10;-2880.3; 18-NOV-2004 12:34:18; Bright; 61.0; 42; 34Bet Aur ; 1.90; 10200;occ; 122; 0;14220
11;-2615.5; 18-NOV-2004 12:38:43; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;14220
12;-2349.8; 18-NOV-2004 12:43:09; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;14220
13;-2227.4; 18-NOV-2004 12:45:11; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;14220
14;-2066.8; 18-NOV-2004 12:47:52; Bright; 43.0; 82; 48Bet UMA ; 2.37; 10600;occ; 86; 0;14220
15;-1912.3; 18-NOV-2004 12:50:26; Bright; 37.0; 39; 85Eta UMA ; 1.85; 24000;occ; 74; 0;14220
16;-1819.8; 18-NOV-2004 12:51:59; Bright; 46.0; 174; 52Psi UMA ; 3.00; 4400;occ; 92; 0;14220
17;-1703.9; 18-NOV-2004 12:53:55; Bright; 36.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 73; 0;14220
18;-1575.4; 18-NOV-2004 12:56:03; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;14220
19;-1424.6; 18-NOV-2004 12:58:34; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14220
20;-1280.0; 18-NOV-2004 13:00:58; Bright; 73.0; 96; 68Del Leo ; 2.56; 9300;occ; 146; 0;14220
21;-1135.1; 18-NOV-2004 13:03:23; Bright; 92.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 185; 0;14220
22; -830.6; 18-NOV-2004 13:08:28; Dark ; 106.0; 22; 32Alp Leo ; 1.36; 15200;occ; 212; 0;14220
23; -627.4; 18-NOV-2004 13:11:51; Dark ; 41.5; 106; 9Bet Crv ; 2.65; 5600;occ; 83; 0;14220
24; -235.8; 18-NOV-2004 13:18:23; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;14220
25; -71.7; 18-NOV-2004 13:21:07; Dark ; 43.0; 20; Bet Cru ; 1.25; 30000;occ; 86; 0;14220
26; -4.9; 18-NOV-2004 13:22:14; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;14220
27; 127.4; 18-NOV-2004 13:24:26; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14221
28; 258.7; 18-NOV-2004 13:26:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14221
29; 372.8; 18-NOV-2004 13:28:31; Dark ; 46.0; 41; Eps Car ; 1.86; 4100;occ; 92; 0;14221
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27; 144.6; 21-NOV-2004 08:28:41; Dark ; 41.0; 124; The Car ; 2.76; 30000;occ; 82; 0;14261
28; 292.6; 21-NOV-2004 08:31:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14261
29; 399.2; 21-NOV-2004 08:32:55; Dark ; 53.0; 41; Eps Car ; 1.86; 4100;occ; 106; 0;14261
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32; 1030.0; 21-NOV-2004 08:43:26; Dark ; 83.0; 23; 21Eps CMA ; 1.50; 26000;occ; 166; 0;14261
33; 1217.5; 21-NOV-2004 08:46:33; Dark ; 37.0; 157; The1Eri ; 2.91; 9300;occ; 74; 0;14261
34; 1511.2; 21-NOV-2004 08:51:27; Dark ; 140.0; 1; 9Alp CMA ;-1.44; 11000;occ; 280; 0;14261
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6;-3408.8; 21-NOV-2004 09:10:03; Bright; 37.5; 73; 57Gam1And ; 2.26; 13100;occ; 75; 0;14261
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10;-2933.4; 21-NOV-2004 09:17:58; Bright; 59.5; 42; 34Bet Aur ; 1.90; 10200;occ; 119; 0;14261
11;-2616.0; 21-NOV-2004 09:23:16; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;14261

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15;-1990.0; 21-NOV-2004 09:33:42; Bright; 39.5; 87; 64Gam UMa ; 2.43; 11000;occ; 79; 0;14261
16;-1823.8; 21-NOV-2004 09:36:28; Bright; 47.0; 174; 52Psi UMa ; 3.00; 4400;occ; 94; 0;14261
17;-1699.8; 21-NOV-2004 09:38:32; Bright; 38.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 76; 0;14261
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25; 4.3; 21-NOV-2004 10:06:56; Dark ; 44.5; 12; Alp1Cru ; 0.77; 30000;occ; 89; 1;14262
26; 145.2; 21-NOV-2004 10:09:17; Dark ; 38.0; 124; The Car ; 2.76; 30000;occ; 76; 0;14262
27; 293.5; 21-NOV-2004 10:11:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 1;14262
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31; 1032.9; 21-NOV-2004 10:24:05; Dark ; 81.0; 23; 21Eps CMa ; 1.50; 26000;occ; 162; 0;14262
32; 1218.2; 21-NOV-2004 10:27:10; Dark ; 40.0; 157; The1Eri ; 2.91; 9300;occ; 80; 0;14262
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11;-2934.2; 21-NOV-2004 10:58:34; Bright; 58.5; 42; 34Bet Aur ; 1.90; 10200;occ; 117; 0;14262
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4;-3763.8; 21-NOV-2004 12:25:20; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14263
5;-3676.3; 21-NOV-2004 12:26:47; Bright; 43.5; 146; 25Eta Tau ; 2.87; 15200;occ; 87; 0;14263
6;-3532.7; 21-NOV-2004 12:29:11; Bright; 36.0; 173; 4Bet Tri ; 3.00; 8900;occ; 72; 0;14263
7;-3409.0; 21-NOV-2004 12:31:15; Bright; 40.5; 73; 57Gam1And ; 2.26; 13100;occ; 81; 0;14263
8;-3263.5; 21-NOV-2004 12:33:40; Bright; 38.0; 175; 39Del Per ; 3.01; 19400;occ; 76; 0;14263
9;-3129.1; 21-NOV-2004 12:35:55; Bright; 37.5; 68; 18Alp Cas ; 2.22; 4500;occ; 75; 0;14263
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12;-2615.7; 21-NOV-2004 12:44:28; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;14263
13;-2344.8; 21-NOV-2004 12:48:59; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;14263
14;-2213.9; 21-NOV-2004 12:51:10; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;14263
15;-2078.1; 21-NOV-2004 12:53:26; Bright; 44.0; 82; 48Bet UMa ; 2.37; 10600;occ; 88; 0;14263
16;-1990.2; 21-NOV-2004 12:54:53; Bright; 41.0; 87; 64Gam UMa ; 2.43; 11000;occ; 82; 0;14263
17;-1824.3; 21-NOV-2004 12:57:39; Bright; 49.0; 174; 52Psi UMa ; 3.00; 4400;occ; 98; 0;14263
18;-1567.5; 21-NOV-2004 13:01:56; Bright; 41.0; 83; ; 2.38; 11000;occ; 82; 0;14263
19;-1416.4; 21-NOV-2004 13:04:27; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;14263
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21;-1089.1; 21-NOV-2004 13:09:55; Dark ; 102.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 205; 0;14263
22; -739.2; 21-NOV-2004 13:15:44; Dark ; 133.5; 22; 32Alp Leo ; 1.36; 15200;occ; 267; 0;14263
23; -223.4; 21-NOV-2004 13:24:20; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;14263
24; -64.3; 21-NOV-2004 13:26:59; Dark ; 45.5; 20; Bet Cru ; 1.25; 30000;occ; 91; 0;14263
25; 5.0; 21-NOV-2004 13:28:09; Dark ; 44.0; 12; Alp1Cru ; 0.77; 30000;occ; 88; 0;14264
26; 145.8; 21-NOV-2004 13:30:29; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14264
27; 295.2; 21-NOV-2004 13:32:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14264
28; 401.7; 21-NOV-2004 13:34:45; Dark ; 48.5; 41; Eps Car ; 1.86; 4100;occ; 97; 0;14264
29; 561.6; 21-NOV-2004 13:37:25; Dark ; 58.5; 70; Zet Pup ; 2.25; 39000;occ; 117; 0;14264
30; 731.3; 21-NOV-2004 13:40:15; Dark ; 60.0; 2; Alp Car ;-0.74; 7000;occ; 120; 0;14264
31; 1033.1; 21-NOV-2004 13:45:17; Dark ; 84.5; 23; 21Eps CMa ; 1.50; 26000;occ; 169; 0;14264
32; 1218.4; 21-NOV-2004 13:48:22; Dark ; 41.0; 157; The1Eri ; 2.91; 9300;occ; 82; 0;14264

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2;	-4267.6;	21-NOV-2004	13:57:32;	Dark	;	74.5;	7;	19Bet Ori	;	0.10;	14000;occ;	149;	0;	14264
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14;	-2214.0;	21-NOV-2004	14:31:46;	Bright	;	38.5;	119;	14Eta Dra	;	2.73;	4700;occ;	77;	0;	14264
15;	-2078.2;	21-NOV-2004	14:34:01;	Bright	;	46.0;	82;	48Bet UMa	;	2.37;	10600;occ;	92;	0;	14264
16;	-1990.0;	21-NOV-2004	14:35:29;	Bright	;	42.0;	87;	64Gam UMa	;	2.43;	11000;occ;	84;	0;	14264
17;	-1824.7;	21-NOV-2004	14:38:15;	Bright	;	47.0;	174;	52Psi UMa	;	3.00;	4400;occ;	94;	0;	14264
18;	-1699.7;	21-NOV-2004	14:40:20;	Bright	;	37.5;	152;	12Alp2CVn	;	2.89;	11000;occ;	75;	0;	14264
19;	-1566.4;	21-NOV-2004	14:42:33;	Bright	;	34.5;	83;		;	2.38;	11000;occ;	69;	0;	14264
20;	-1416.3;	21-NOV-2004	14:45:03;	Bright	;	35.5;	3;	16Alp Boo	;	-0.05;	4250;occ;	71;	0;	14264
21;	-1259.1;	21-NOV-2004	14:47:40;	Bright	;	56.0;	96;	68Del Leo	;	2.56;	9300;occ;	112;	0;	14264
22;	-1088.1;	21-NOV-2004	14:50:31;	Dark	;	111.5;	51;	41Gam1Leo	;	2.01;	4500;occ;	223;	0;	14264
23;	-736.7;	21-NOV-2004	14:56:23;	Dark	;	143.5;	22;	32Alp Leo	;	1.36;	15200;occ;	287;	0;	14264
24;	-222.7;	21-NOV-2004	15:04:57;	Dark	;	42.0;	64;	Gam Cen	;	2.20;	10600;occ;	84;	0;	14264
25;	-64.0;	21-NOV-2004	15:07:36;	Dark	;	48.0;	20;	Bet Cru	;	1.25;	30000;occ;	96;	0;	14264
26;	4.8;	21-NOV-2004	15:08:44;	Dark	;	51.5;	12;	Alp1Cru	;	0.77;	30000;occ;	103;	0;	14265
27;	145.9;	21-NOV-2004	15:11:05;	Dark	;	40.5;	124;	The Car	;	2.76;	30000;occ;	81;	0;	14265
28;	296.1;	21-NOV-2004	15:13:36;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	14265
29;	402.1;	21-NOV-2004	15:15:22;	Dark	;	45.5;	41;	Eps Car	;	1.86;	4100;occ;	91;	0;	14265
30;	483.2;	21-NOV-2004	15:16:43;	Dark	;	53.0;	34;	Gam2Vel	;	1.79;	23000;occ;	106;	0;	14265
31;	731.6;	21-NOV-2004	15:20:51;	Dark	;	60.0;	2;	Alp Car	;	-0.74;	7000;occ;	120;	0;	14265
32;	1035.9;	21-NOV-2004	15:25:55;	Dark	;	80.0;	23;	21Eps CMa	;	1.50;	26000;occ;	160;	0;	14265
33;	1218.6;	21-NOV-2004	15:28:58;	Dark	;	39.5;	157;	The1Eri	;	2.91;	9300;occ;	79;	0;	14265

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3;	-4816.5;	21-NOV-2004	20:30:47;	Dark	;	41.5;	157;	The1Eri	;	2.91;	9300;occ;	83;	0;	14268
4;	-4558.3;	21-NOV-2004	20:35:05;	Dark	;	89.0;	47;	2Bet CMa	;	1.98;	28000;occ;	178;	0;	14268
5;	-4390.1;	21-NOV-2004	20:37:53;	Dark	;	50.5;	165;	34Gam Eri	;	2.95;	3200;occ;	101;	0;	14268
6;	-4269.1;	21-NOV-2004	20:39:54;	Dark	;	73.0;	7;	19Bet Ori	;	0.10;	14000;occ;	146;	0;	14268
7;	-4032.5;	21-NOV-2004	20:43:51;	Dark	;	83.0;	30;	46Eps Ori	;	1.69;	30000;occ;	166;	0;	14268
8;	-3762.7;	21-NOV-2004	20:48:21;	Bright	;	37.0;	105;	6Bet Ari	;	2.64;	8900;occ;	74;	0;	14268
9;	-3678.1;	21-NOV-2004	20:49:45;	Bright	;	42.0;	146;	25Eta Tau	;	2.87;	15200;occ;	84;	0;	14268
10;	-3532.6;	21-NOV-2004	20:52:11;	Bright	;	36.0;	173;	4Bet Tri	;	3.00;	8900;occ;	72;	0;	14268
11;	-3408.2;	21-NOV-2004	20:54:15;	Bright	;	36.0;	73;	57Gam1And	;	2.26;	13100;occ;	72;	0;	14268
12;	-3264.9;	21-NOV-2004	20:56:39;	Bright	;	38.0;	175;	39Del Per	;	3.01;	19400;occ;	76;	0;	14268
13;	-3127.9;	21-NOV-2004	20:58:55;	Bright	;	40.0;	68;	18Alp Cas	;	2.22;	4500;occ;	80;	0;	14268
14;	-3056.3;	21-NOV-2004	21:00:07;	Bright	;	38.5;	74;	11Bet Cas	;	2.27;	6600;occ;	77;	0;	14268
15;	-2941.3;	21-NOV-2004	21:02:02;	Bright	;	57.0;	42;	34Bet Aur	;	1.90;	10200;occ;	114;	0;	14268
16;	-2615.6;	21-NOV-2004	21:07:28;	Bright	;	37.5;	49;	1Alp UMi	;	1.99;	6300;occ;	75;	0;	14268
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21; 858.4; 23-NOV-2004 05:56:44; Dark ; 112.0; 132; 15Rho Pup ; 2.80; 6900;occ; 224; 0;14288
22; 1056.2; 23-NOV-2004 06:00:02; Dark ; 77.5; 23; 21Eps CMA ; 1.50; 26000;occ; 155; 0;14288
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24; 1515.5; 23-NOV-2004 06:07:42; Dark ; 131.5; 1; 9Alp CMA ;-1.44; 11000;occ; 263; 0;14288
25; 1763.1; 23-NOV-2004 06:11:49; Dark ; 77.5; 7; 19Bet Ori ; 0.10; 14000;occ; 155; 0;14288
26; 1989.3; 23-NOV-2004 06:15:35; Dark ; 82.5; 30; 46Eps Ori ; 1.69; 30000;occ; 165; 0;14288
27; 2276.3; 23-NOV-2004 06:20:22; Bright; 37.0; 105; 6Bet Ari ; 2.64; 8900;occ; 74; 0;14288
28; 2504.5; 23-NOV-2004 06:24:11; Bright; 37.0; 173; 4Bet Tri ; 3.00; 8900;occ; 74; 0;14288
29; 2615.9; 23-NOV-2004 06:26:02; Bright; 38.0; 79; 26Bet Per ; 2.31; 13100;occ; 76; 0;14288
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31; 2913.4; 23-NOV-2004 06:30:59; Bright; 37.5; 68; 18Alp Cas ; 2.22; 4500;occ; 75; 0;14288
32; 2986.0; 23-NOV-2004 06:32:12; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;14288
33; 3419.9; 23-NOV-2004 06:39:26; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;14288
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13; 2988.7; 23-NOV-2004 21:37:38; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;14297

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 22; 4625.6; 23-NOV-2004 22:04:55; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14297  
 23; 4793.6; 23-NOV-2004 22:07:43; Bright; 59.5; 96; 68Del Leo ; 2.56; 9300;occ; 119; 0;14297  
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 26; 3948.4; 23-NOV-2004 23:34:14; Bright; 45.5; 82; 48Bet UMa ; 2.37; 10600;occ; 91; 0;14298  
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 31; 4625.8; 23-NOV-2004 23:45:31; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;14298  
 32; 4795.2; 23-NOV-2004 23:48:21; Bright; 57.5; 96; 68Del Leo ; 2.56; 9300;occ; 115; 0;14298  
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 28; 13.0; 23-NOV-2004 20:48:03; Dark ; 38.5; 12; Alp1Cru ; 0.77; 30000;occ; 77; 0;14297  
 29; 159.9; 23-NOV-2004 20:50:29; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14297  
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33; 2817.9; 29-NOV-2004 05:00:18; Bright; 37.0; 160; 23Gam Per ; 2.93; 4700;occ; 74; 0;14373
34; 2951.5; 29-NOV-2004 05:02:31; Bright; 38.0; 110; 37Del Cas ; 2.68; 8900;occ; 76; 0;14373
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8;-1396.5; 29-NOV-2004 05:30:39; Bright; 36.5; 3; 16Alp Boo ;-0.05; 4250;occ; 73; 0;14373
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13;-177.7; 29-NOV-2004 05:50:58; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;14373
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32; 2740.8; 29-NOV-2004 06:39:37; Bright; 38.5; 175; 39Del Per ; 3.01; 19400;occ; 77; 0;14374
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21; 1128.4; 29-NOV-2004 07:53:20; Dark ; 74.5; 23; 21Eps CMA ; 1.50; 26000;occ; 149; 0;14375
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11;-3083.1; 29-NOV-2004 08:23:44; Bright; 39.5; 110; 37Del Cas ; 2.68; 8900;occ; 79; 0;14375
12;-2616.8; 29-NOV-2004 08:31:31; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;14375
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 23; -177.3; 29-NOV-2004 09:12:10; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;14375  
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 19;-1395.9; 29-NOV-2004 10:32:28; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;14376  
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 28; 587.4; 29-NOV-2004 11:05:31; Dark ; 50.0; 34; Gam2Vel ; 1.79; 23000;occ; 100; 0;14377  
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 9;-3295.8; 29-NOV-2004 11:41:24; Bright; 37.0; 175; 39Del Per ; 3.01; 19400;occ; 74; 0;14377  
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23; -497.1; 29-NOV-2004 12:28:02; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;14377
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