

# GOMOS Daily Report 08-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	09NOV2004 05:03:42
Data source version	GOMOS/4.02
Start time of products	QDS_YESTERDAY(/START) (08NOV2004 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP) (09NOV2004 00:00:00)

Store outputs flag	1
Nb of level 1b prods	50
Nb of prods with errors	0

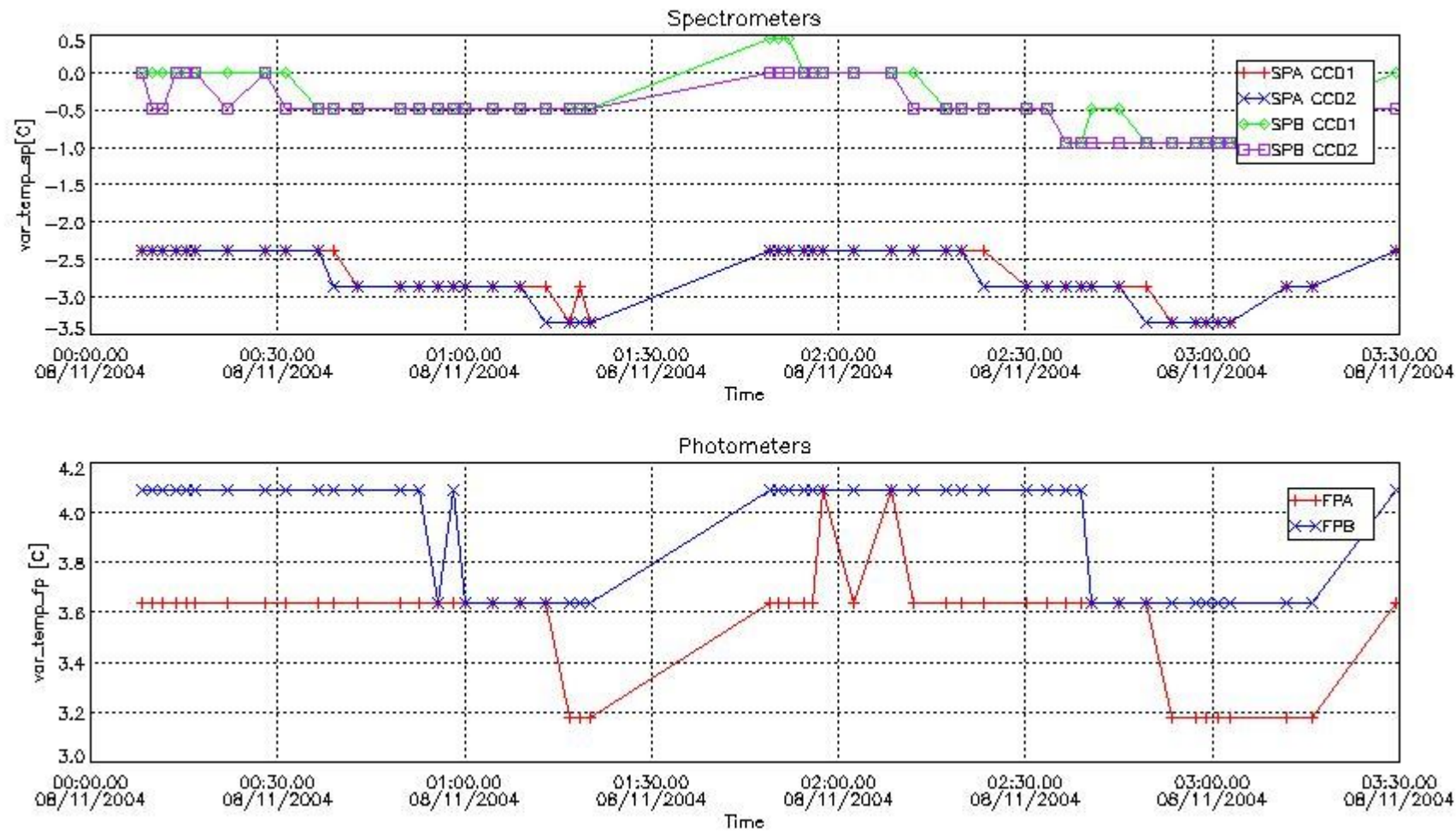
## 2. Summary of products arrived in PCF (Product Control Facility)

### 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_1PNPDE20041108_000817_000000412031_00488_14069_0000.N1	08-NOV-2004 00:08:17	Dark	40.500	99	Del Cen	2.5750	26000.	81	14069	No
GOM_TRA_1PNPDE20041108_000947_000000452031_00488_14069_0001.N1	08-NOV-2004 00:09:47	Dark	45.000	26	Gam Cru	1.6240	2900.0	90	14069	No
GOM_TRA_1PNPDE20041108_001126_000000472031_00488_14069_0002.N1	08-NOV-2004 00:11:26	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	14069	No
GOM_TRA_1PNPDE20041108_001349_000000422031_00489_14070_0003.N1	08-NOV-2004 00:13:49	Dark	42.000	91	Kap Vel	2.4900	26000.	84	14070	No
GOM_TRA_1PNPDE20041108_001520_000000452031_00489_14070_0004.N1	08-NOV-2004 00:15:20	Dark	44.500	46	Del Vel	1.9540	10600.	89	14070	No
GOM_TRA_1PNPDE20041108_001646_000000522031_00489_14070_0005.N1	08-NOV-2004 00:16:46	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	14070	No
GOM_TRA_1PNPDE20041108_002154_000000512031_00489_14070_0006.N1	08-NOV-2004 00:21:54	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	14070	No
GOM_TRA_1PNPDE20041108_002752_000000482031_00489_14070_0007.N1	08-NOV-2004 00:27:52	Dark	48.000	9	Alp Eri	0.45300	24000.	96	14070	No
GOM_TRA_1PNPDE20041108_003125_000000402031_00489_14070_0008.N1	08-NOV-2004 00:31:25	Dark	40.000	157	The1Eri	2.9060	9300.0	80	14070	No
GOM_TRA_1PNPDE20041108_003633_000000962031_00489_14070_0009.N1	08-NOV-2004 00:36:33	Twilight	96.000	101	11Alp Lep	2.5820	7000.0	192	14070	No
GOM_TRA_1PNPDE20041108_003905_000000642031_00489_14070_0010.N1	08-NOV-2004 00:39:05	Bright	63.500	165	34Gam Eri	2.9500	3200.0	127	14070	No
GOM_TRA_1PNPDE20041108_004245_000001232031_00489_14070_0011.N1	08-NOV-2004 00:42:45	Bright	123.00	7	19Bet Ori	0.10000	14000.	246	14070	No
GOM_TRA_1PNPDE20041108_004935_000000402031_00489_14070_0012.N1	08-NOV-2004 00:49:35	Bright	39.500	105	6Bet Ari	2.6450	8900.0	79	14070	No
GOM_TRA_1PNPDE20041108_005247_000000402031_00489_14070_0013.N1	08-NOV-2004 00:52:47	Bright	39.500	58	21Alp And	2.0730	11000.	79	14070	No
GOM_TRA_1PNPDE20041108_005550_000000392031_00489_14070_0014.N1	08-NOV-2004 00:55:50	Bright	39.000	73	57Gam1And	2.2600	13100.	78	14070	No
GOM_TRA_1PNPDE20041108_005814_000000482031_00489_14070_0015.N1	08-NOV-2004 00:58:14	Bright	48.000	149	45Eps Per	2.8880	30000.	96	14070	No
GOM_TRA_1PNPDE20041108_010001_000000422031_00489_14070_0016.N1	08-NOV-2004 01:00:01	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	14070	No
GOM_TRA_1PNPDE20041108_010429_000000662031_00489_14070_0017.N1	08-NOV-2004 01:04:29	Bright	65.500	6	13Alp Aur	0.080000	3400.0	131	14070	No
GOM_TRA_1PNPDE20041108_010854_000000392031_00489_14070_0018.N1	08-NOV-2004 01:08:54	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	14070	No
GOM_TRA_1PNPDE20041108_011302_000000392031_00489_14070_0019.N1	08-NOV-2004 01:13:02	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	14070	No
GOM_TRA_1PNPDE20041108_011652_000000432031_00489_14070_0020.N1	08-NOV-2004 01:16:52	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	14070	No
GOM_TRA_1PNPDE20041108_011829_000000582031_00489_14070_0021.N1	08-NOV-2004 01:18:29	Bright	58.000	82	48Bet UMa	2.3650	10600.	116	14070	No
GOM_TRA_1PNPDE20041108_012017_000000522031_00489_14070_0022.N1	08-NOV-2004 01:20:17	Bright	52.000	39	85Eta UMa	1.8540	24000.	104	14070	No
GOM_TRA_1PNPDE20041108_014854_000000422031_00489_14070_0000.N1	08-NOV-2004 01:48:54	Dark	42.000	99	Del Cen	2.5750	26000.	84	14070	No
GOM_TRA_1PNPDE20041108_015023_000000482031_00489_14070_0001.N1	08-NOV-2004 01:50:23	Dark	48.000	26	Gam Cru	1.6240	2900.0	96	14070	No
GOM_TRA_1PNPDE20041108_015202_000000432031_00489_14070_0002.N1	08-NOV-2004 01:52:02	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	14070	No
GOM_TRA_1PNPDE20041108_015425_000000442031_00490_14071_0003.N1	08-NOV-2004 01:54:25	Dark	43.500	91	Kap Vel	2.4900	26000.	87	14071	No
GOM_TRA_1PNPDE20041108_015556_000000452031_00490_14071_0004.N1	08-NOV-2004 01:55:56	Dark	44.500	46	Del Vel	1.9540	10600.	89	14071	No
GOM_TRA_1PNPDE20041108_015723_000000512031_00490_14071_0005.N1	08-NOV-2004 01:57:23	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	14071	No
GOM_TRA_1PNPDE20041108_020231_000000532031_00490_14071_0006.N1	08-NOV-2004 02:02:31	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	14071	No
GOM_TRA_1PNPDE20041108_020828_000000442031_00490_14071_0007.N1	08-NOV-2004 02:08:28	Dark	44.000	9	Alp Eri	0.45300	24000.	88	14071	No
GOM_TRA_1PNPDE20041108_021202_000000422031_00490_14071_0008.N1	08-NOV-2004 02:12:02	Dark	41.500	157	The1Eri	2.9060	9300.0	83	14071	No
GOM_TRA_1PNPDE20041108_021709_000000922031_00490_14071_0009.N1	08-NOV-2004 02:17:09	Twilight	92.000	101	11Alp Lep	2.5820	7000.0	184	14071	No
GOM_TRA_1PNPDE20041108_021942_000000612031_00490_14071_0010.N1	08-NOV-2004 02:19:42	Bright	61.000	165	34Gam Eri	2.9500	3200.0	122	14071	No
GOM_TRA_1PNPDE20041108_022320_000001222031_00490_14071_0011.N1	08-NOV-2004 02:23:20	Bright	121.50	7	19Bet Ori	0.10000	14000.	243	14071	No
GOM_TRA_1PNPDE20041108_023011_000000412031_00490_14071_0012.N1	08-NOV-2004 02:30:11	Bright	41.000	105	6Bet Ari	2.6450	8900.0	82	14071	No
GOM_TRA_1PNPDE20041108_023324_000000402031_00490_14071_0013.N1	08-NOV-2004 02:33:24	Bright	39.500	58	21Alp And	2.0730	11000.	79	14071	No
GOM_TRA_1PNPDE20041108_023625_000000402031_00490_14071_0014.N1	08-NOV-2004 02:36:25	Bright	40.000	73	57Gam1And	2.2600	13100.	80	14071	No
GOM_TRA_1PNPDE20041108_023849_000000472031_00490_14071_0015.N1	08-NOV-2004 02:38:49	Bright	46.500	149	45Eps Per	2.8880	30000.	93	14071	No
GOM_TRA_1PNPDE20041108_024035_000000432031_00490_14071_0016.N1	08-NOV-2004 02:40:35	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	14071	No
GOM_TRA_1PNPDE20041108_024504_000000652031_00490_14071_0017.N1	08-NOV-2004 02:45:04	Bright	65.000	6	13Alp Aur	0.080000	3400.0	130	14071	No
GOM_TRA_1PNPDE20041108_024928_000000382031_00490_14071_0018.N1	08-NOV-2004 02:49:28	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	14071	No
GOM_TRA_1PNPDE20041108_025336_000000422031_00490_14071_0000.N1	08-NOV-2004 02:53:36	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	14071	No
GOM_TRA_1PNPDE20041108_025727_000000432031_00490_14071_0001.N1	08-NOV-2004 02:57:27	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	14071	No
GOM_TRA_1PNPDE20041108_025904_000000582031_00490_14071_0002.N1	08-NOV-2004 02:59:04	Bright	58.000	82	48Bet UMa	2.3650	10600.	116	14071	No
GOM_TRA_1PNPDE20041108_030052_000000382031_00490_14071_0003.N1	08-NOV-2004 03:00:52	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	14071	No
GOM_TRA_1PNPDE20041108_030257_000000422031_00490_14071_0004.N1	08-NOV-2004 03:02:57	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	14071	No
GOM_TRA_1PNPDE20041108_031151_000000702031_00490_14071_0005.N1	08-NOV-2004 03:11:51	Bright	69.500	166	17Eps Leo	2.9800	6000.0	139	14071	No
GOM_TRA_1PNPDE20041108_031605_000000722031_00490_14071_0006.N1	08-NOV-2004 03:16:05	Twilight	72.000	22	32Alp Leo	1.3600	15200.	144	14071	No

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



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

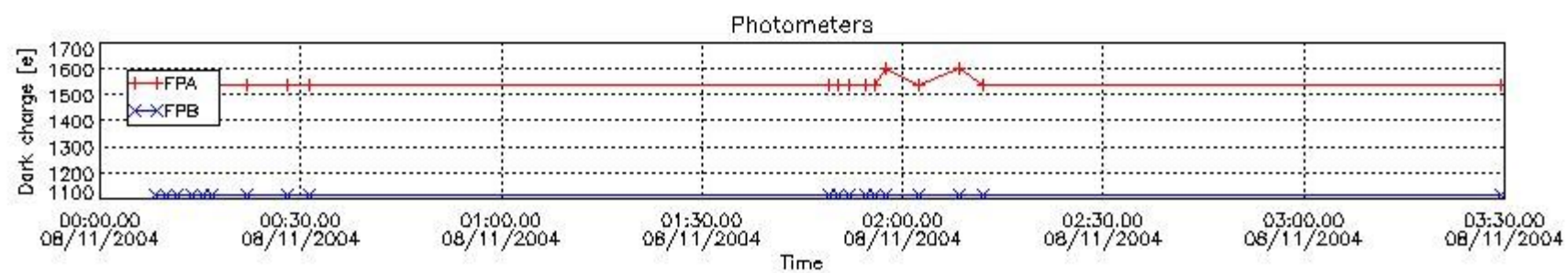
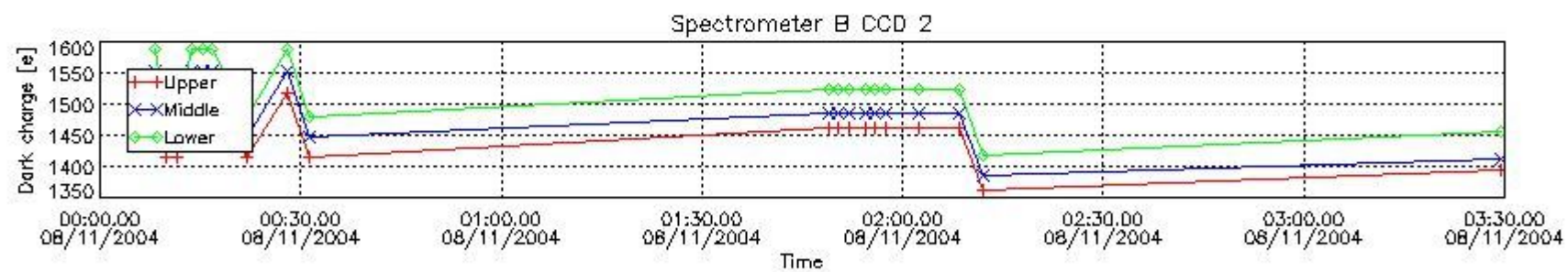
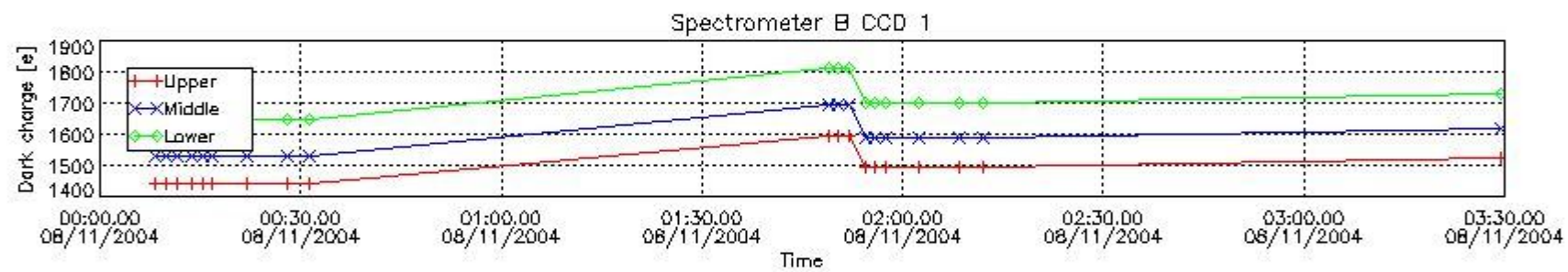
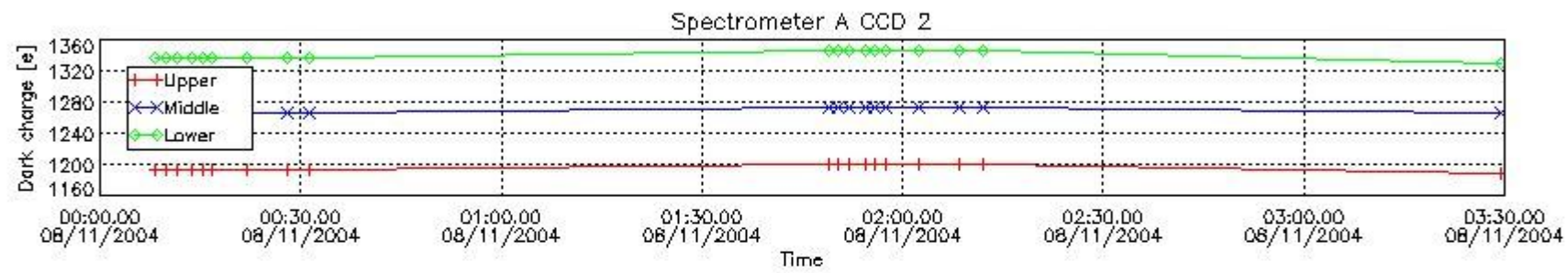
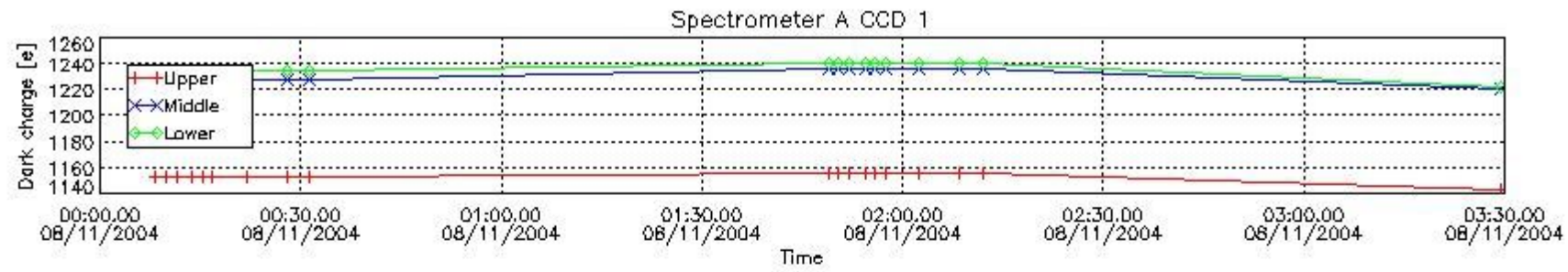
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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





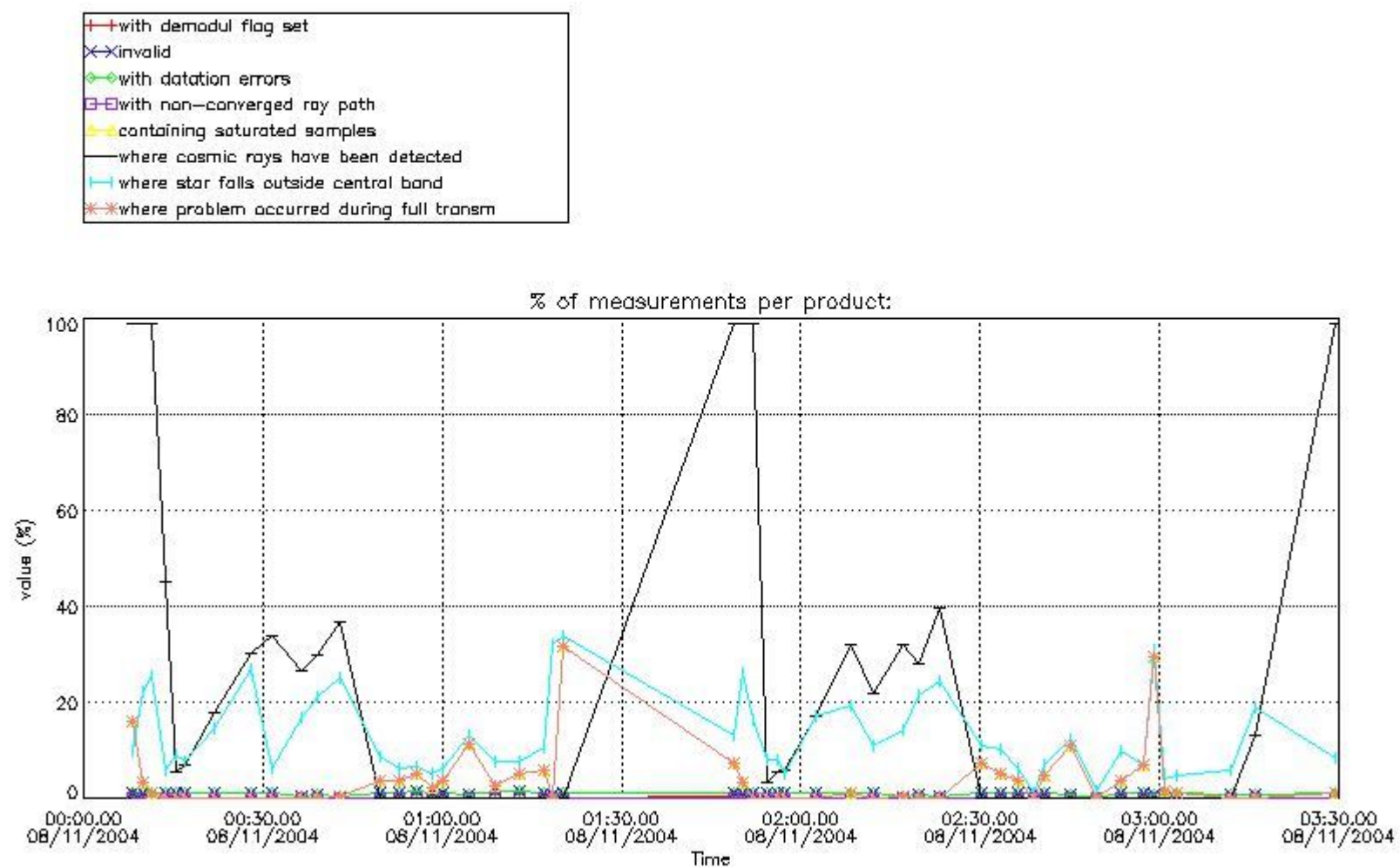
## 5. Demodulation flag and quality information monitoring

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:

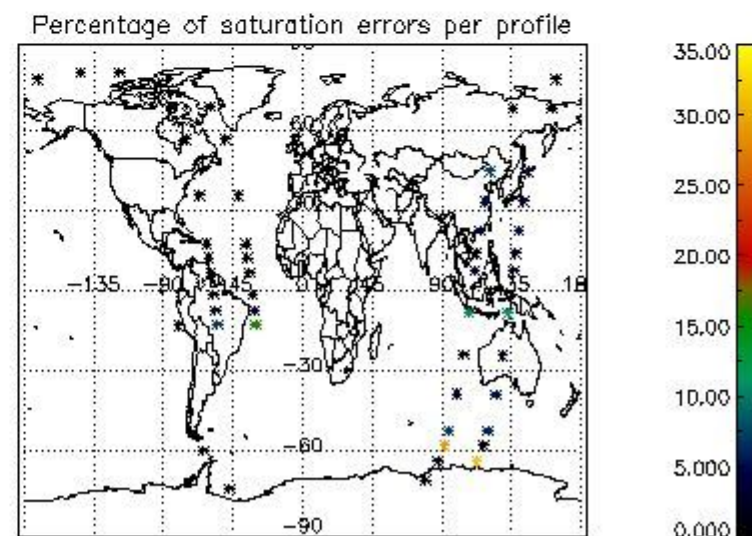
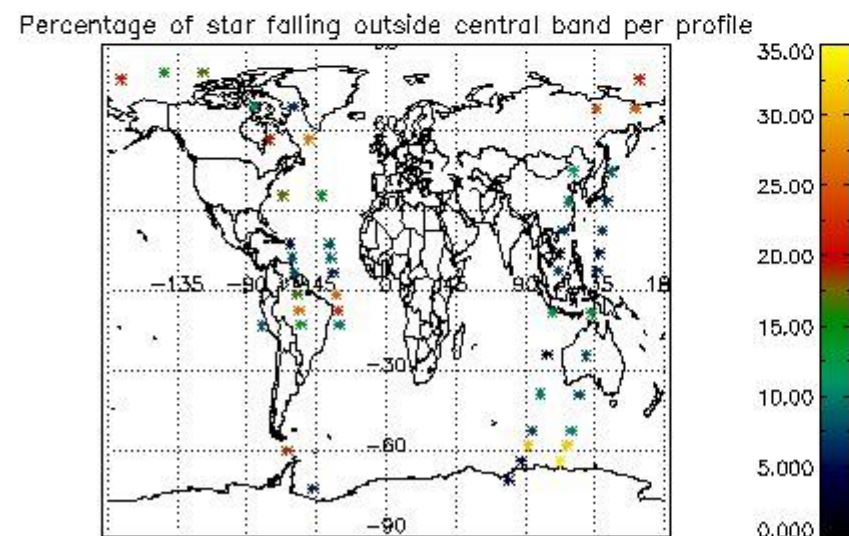
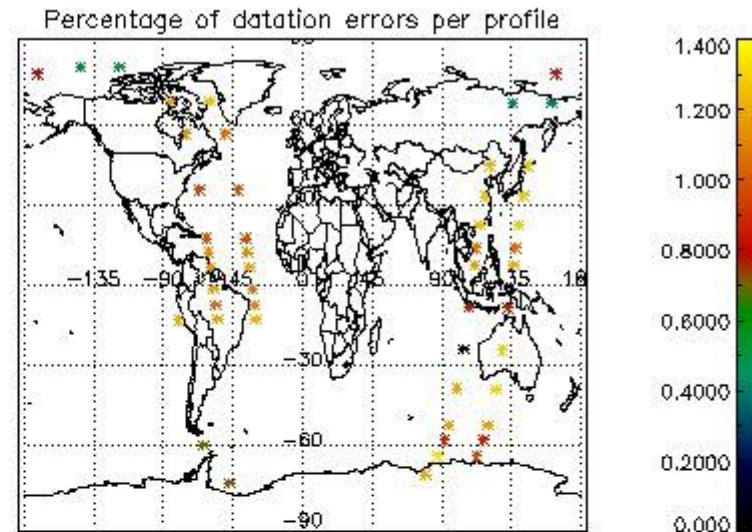
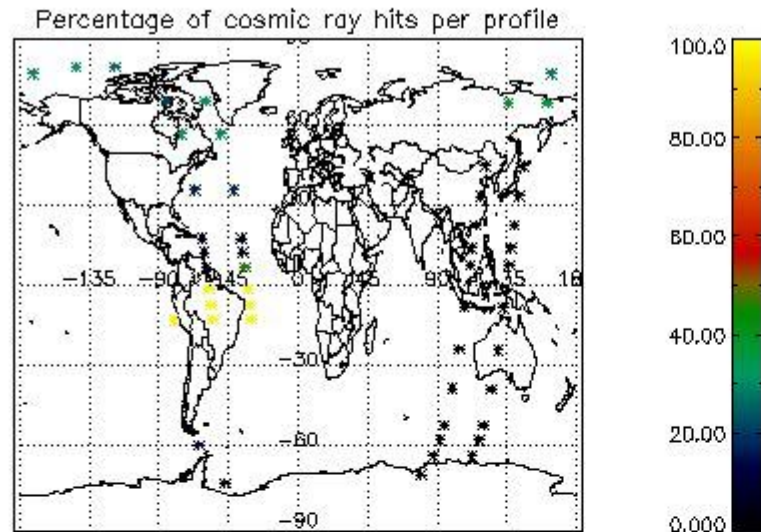
At least one measurement with demodulation flag set:	16.0000 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

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



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





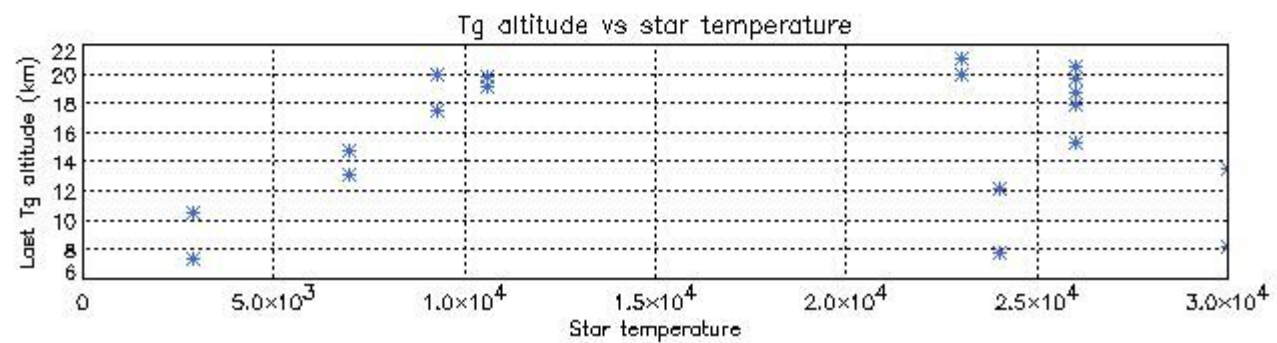
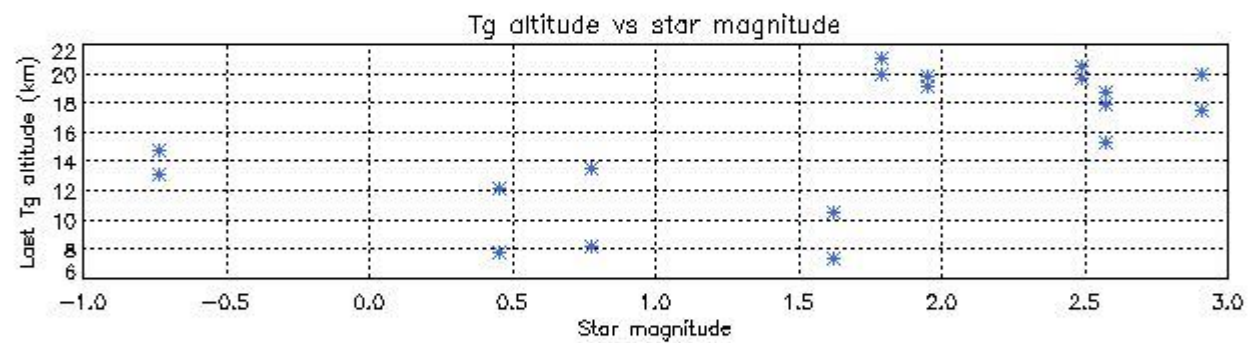
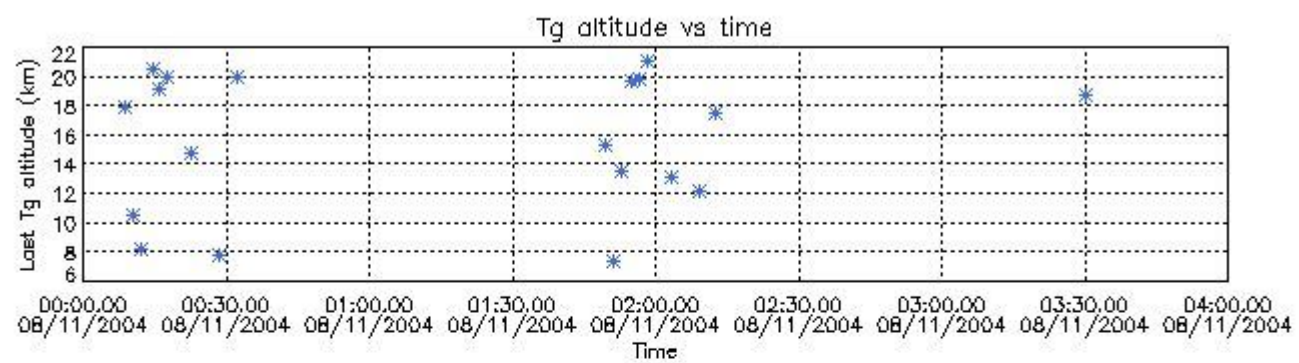
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.612	17.238	13.487
St. deviation:	4.6463	6.0792	1.4849
Maximum:	21.046	27.742	15.146
Minimum:	7.3590	4.6558	12.283
Number of data:	19.000	28.000	3.0000

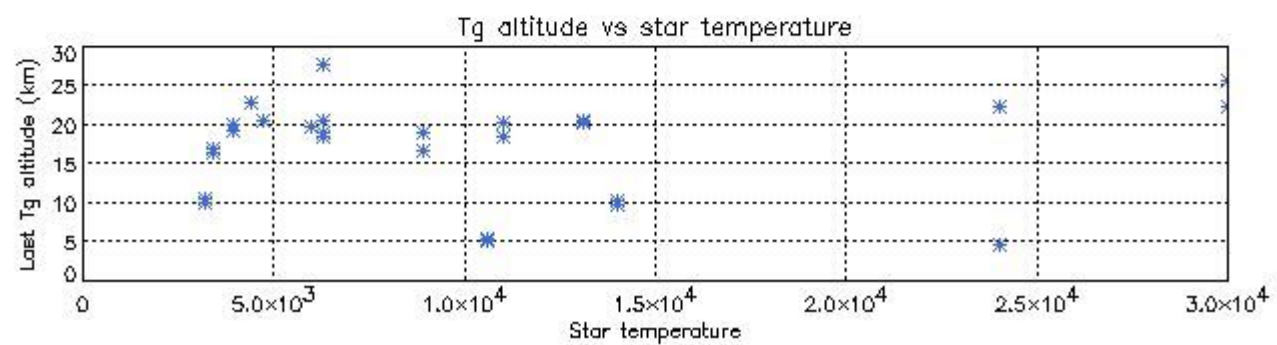
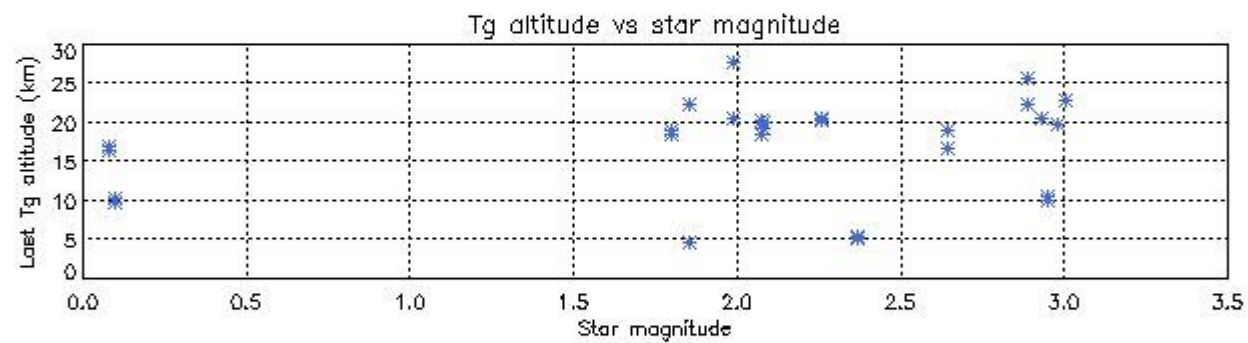
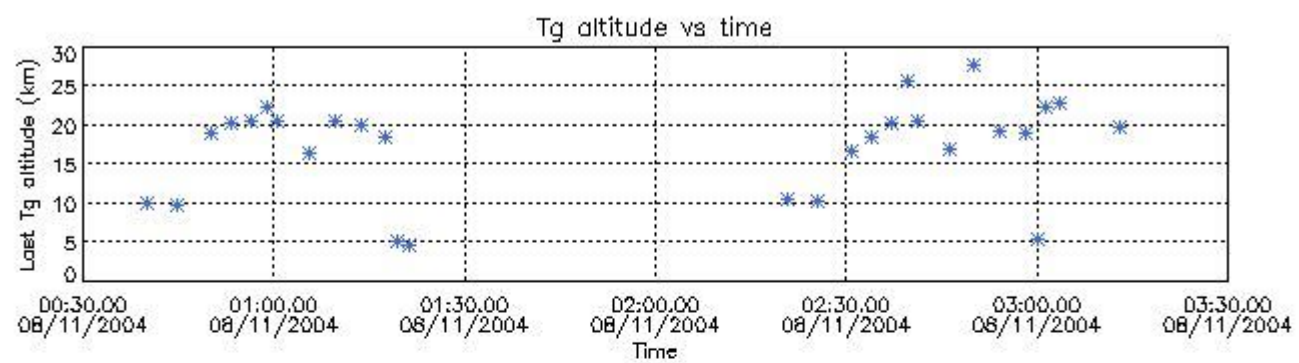
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

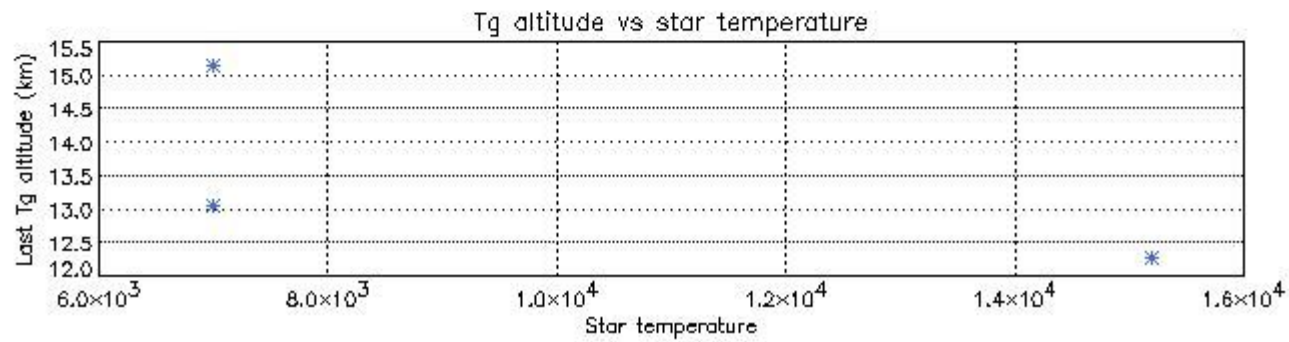
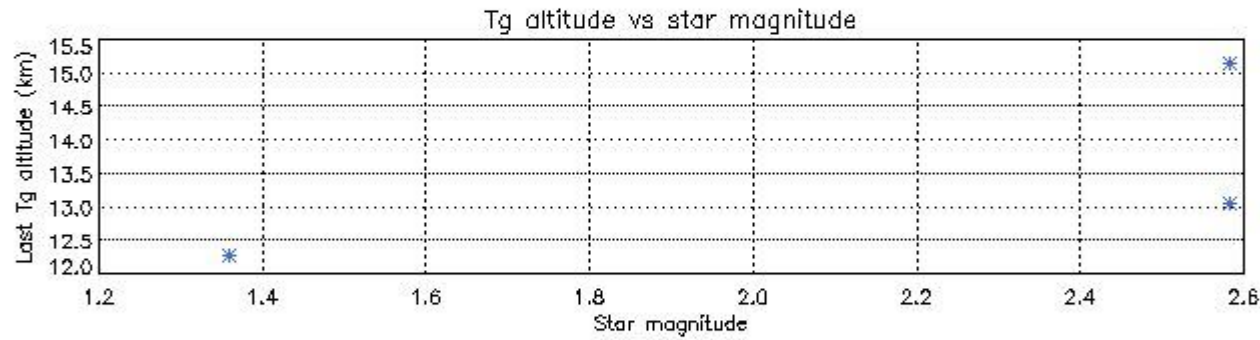
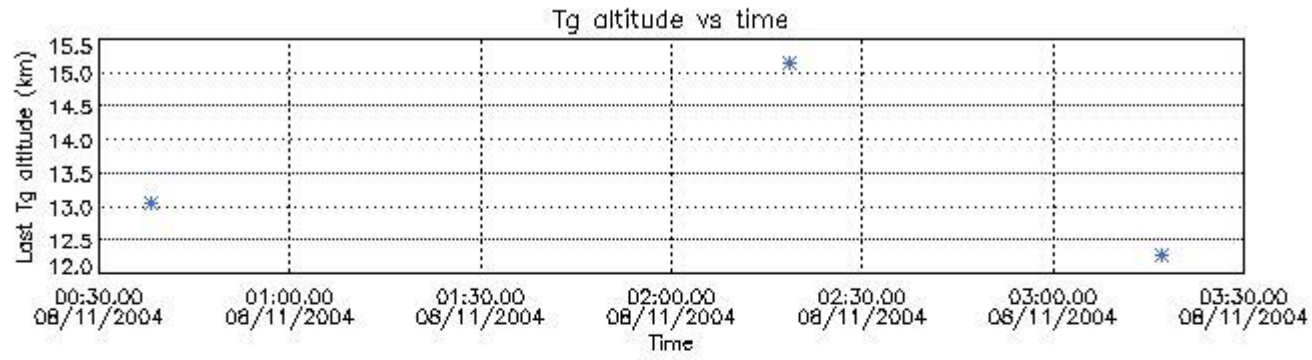
Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products



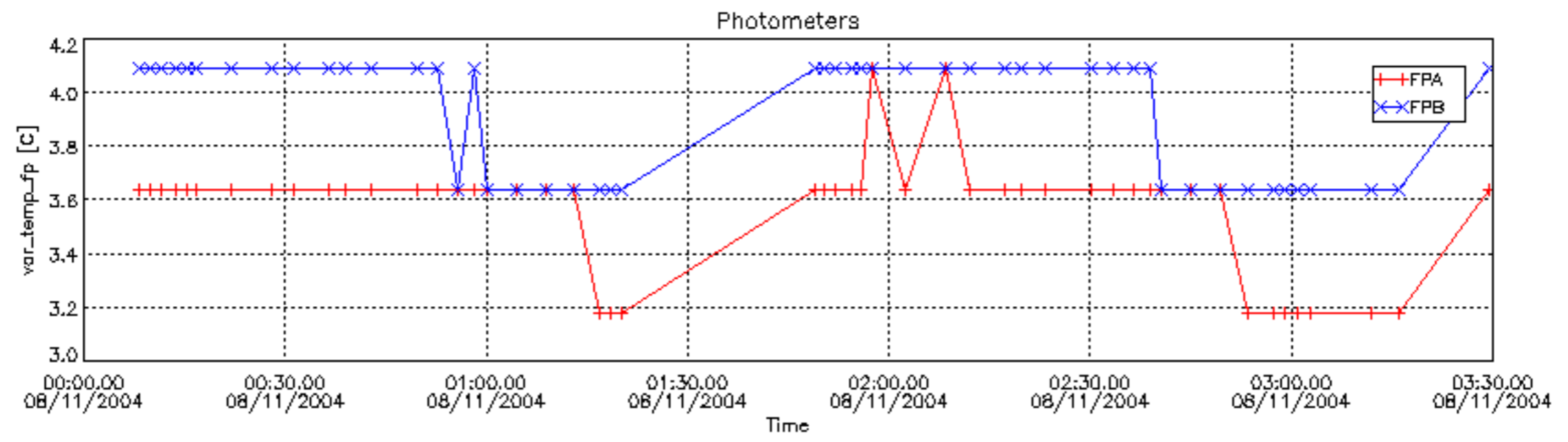
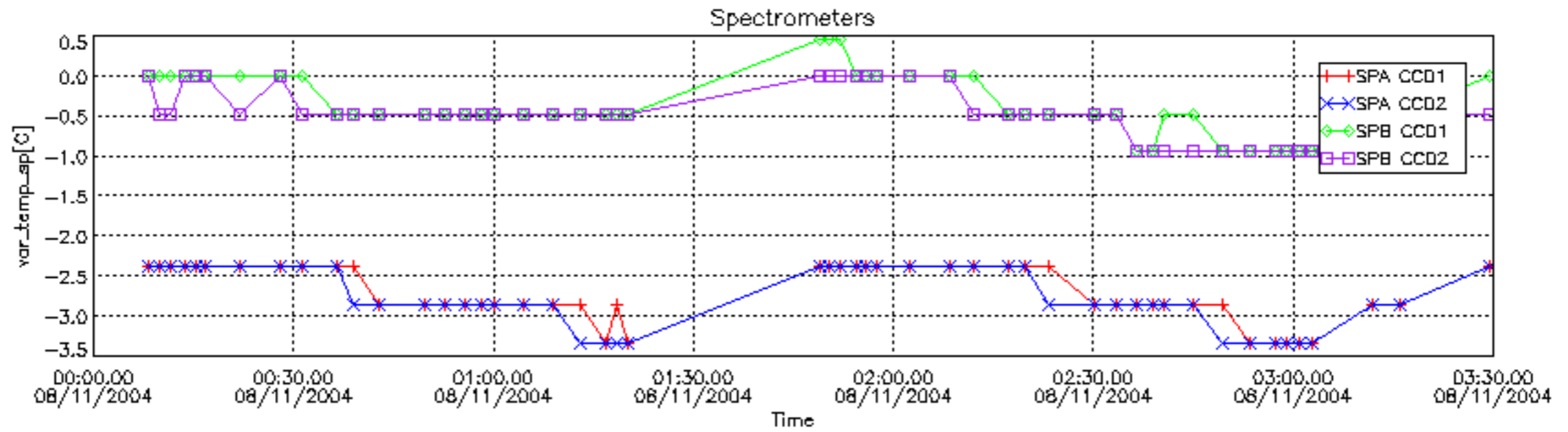
Tangent altitude at which the star is lost

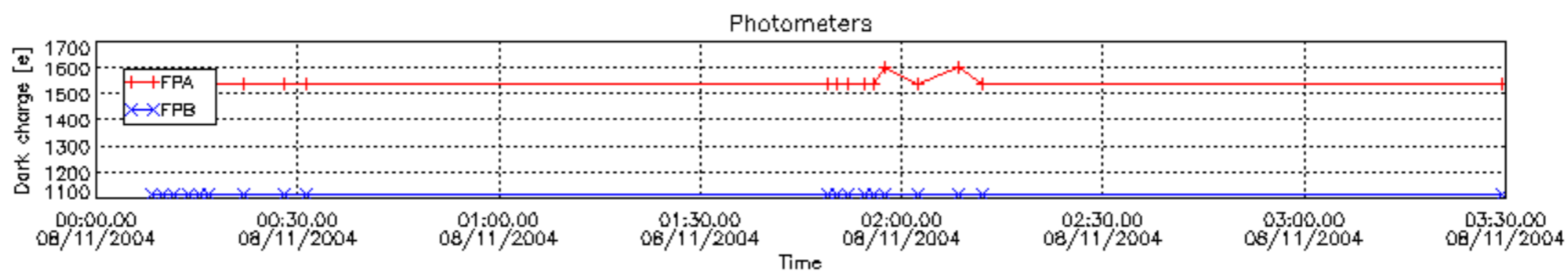
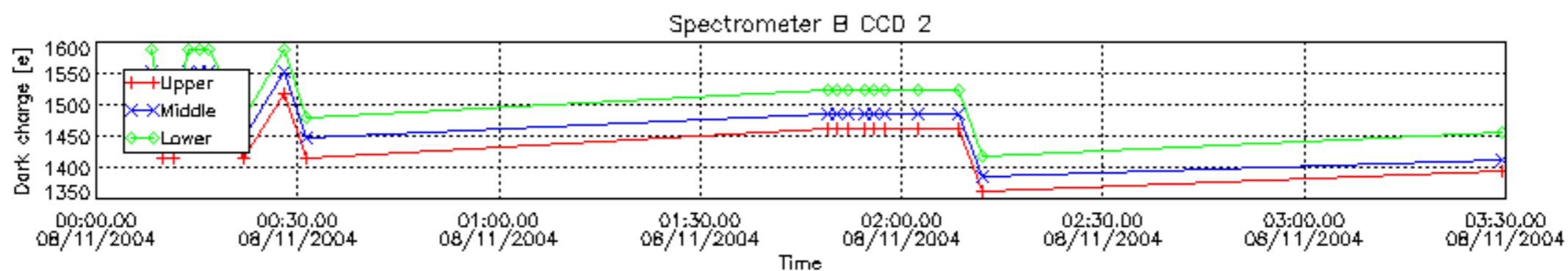
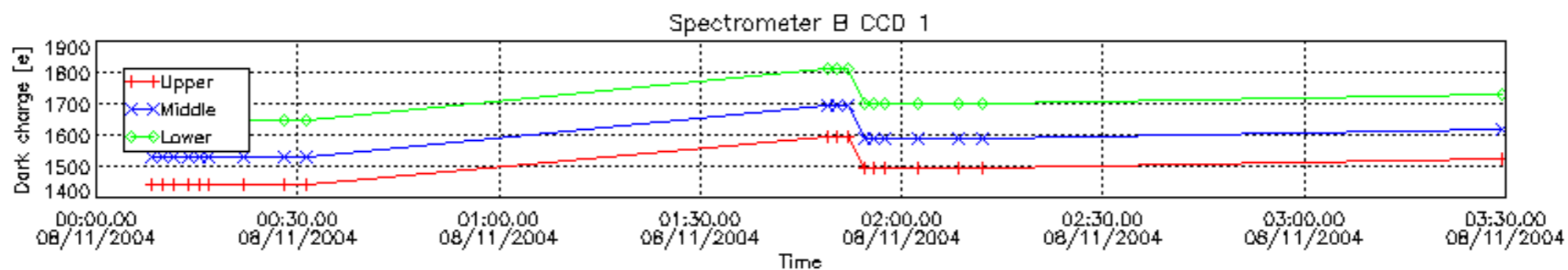
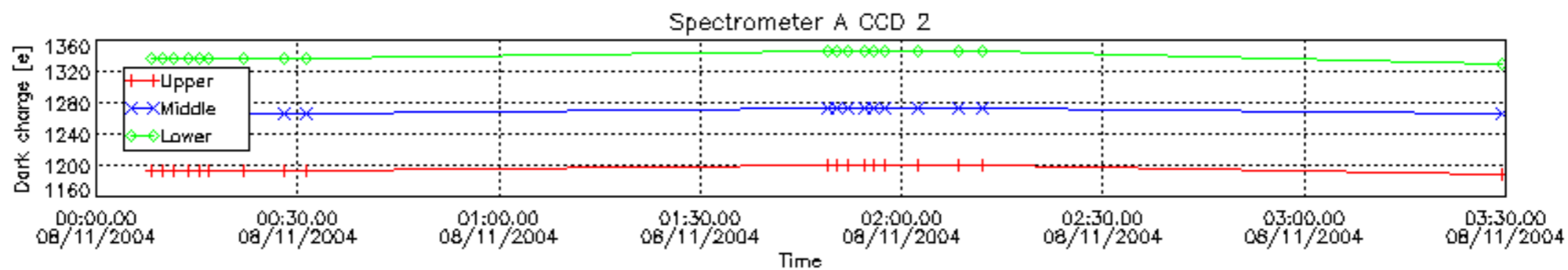
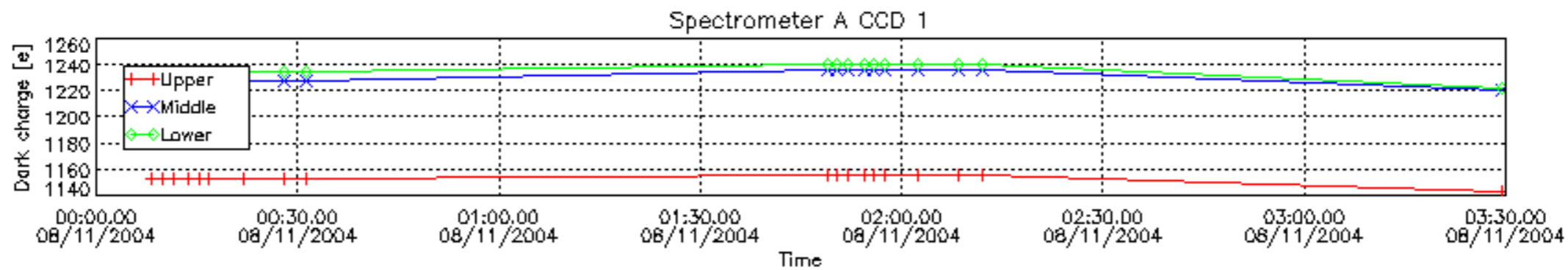


7. Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

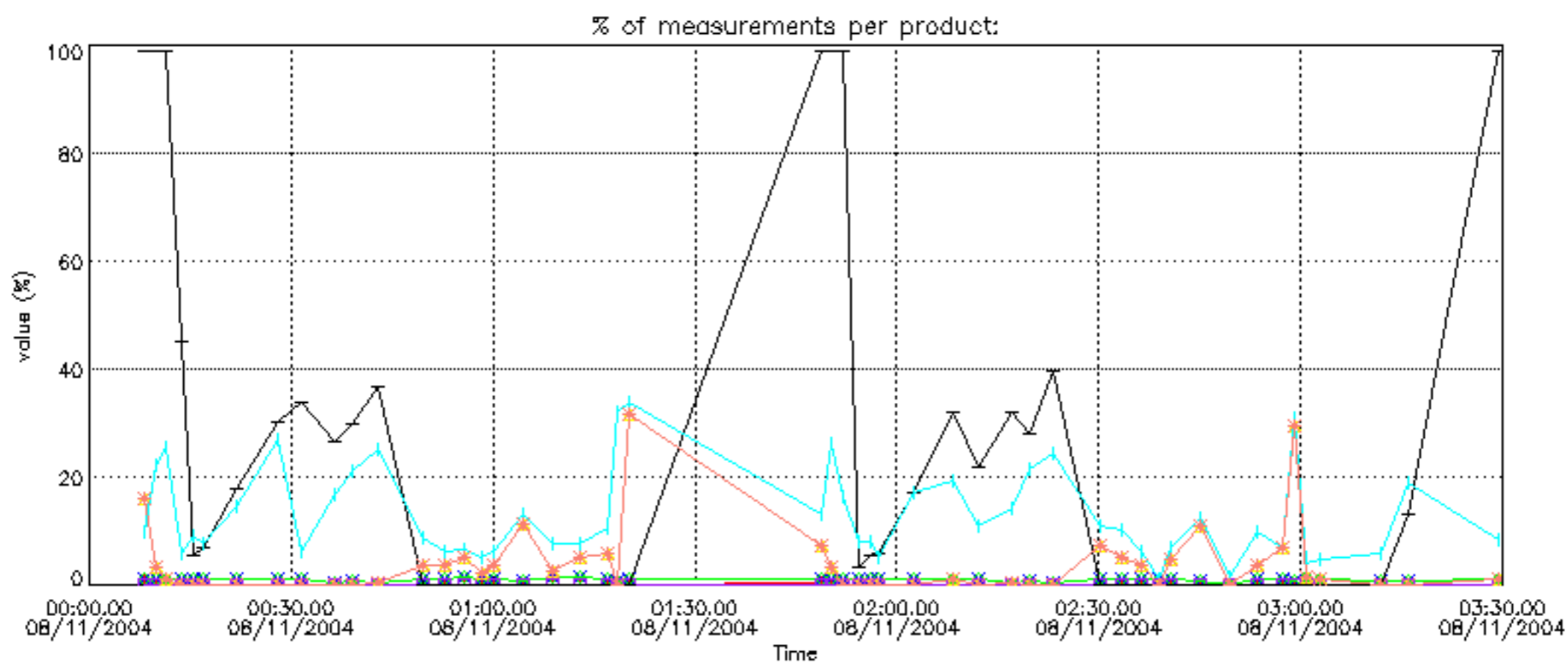
The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere. Statistics above 105 km are computed for every occultation, giving four values per occultation: 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:	1460.7	1447.0	1461.8	1448.2
St. deviation:	5.4339	6.4221	6.4686	7.2959
Maximum:	1521.0	1527.0	1531.0	1508.0
Minimum:	1435.0	1412.0	1435.0	1410.0
Number of data:	22750.	22750.	35750.	35750.

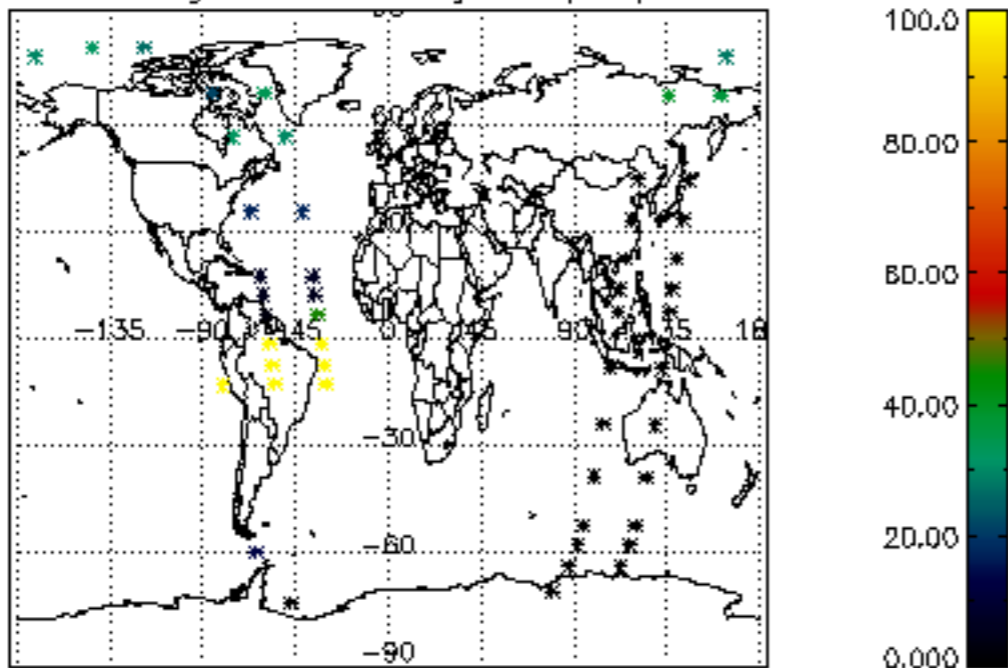




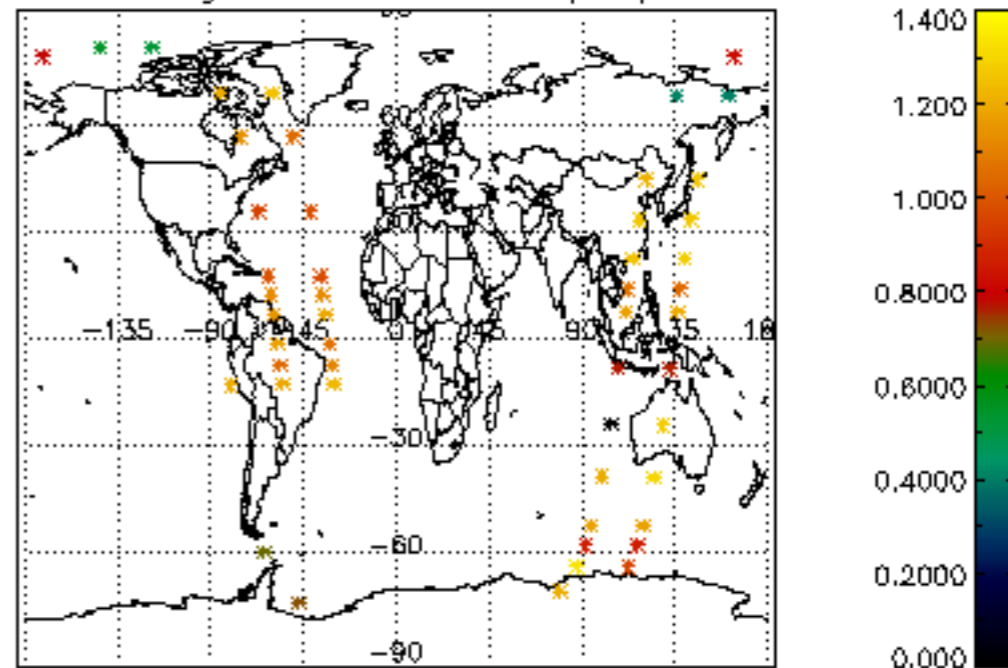




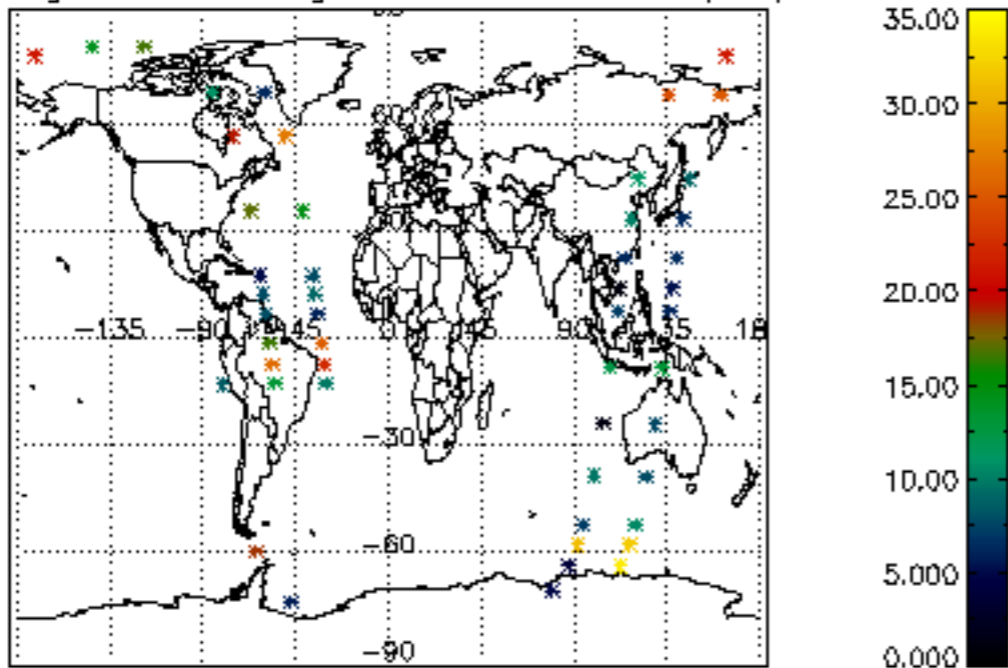
Percentage of cosmic ray hits per profile



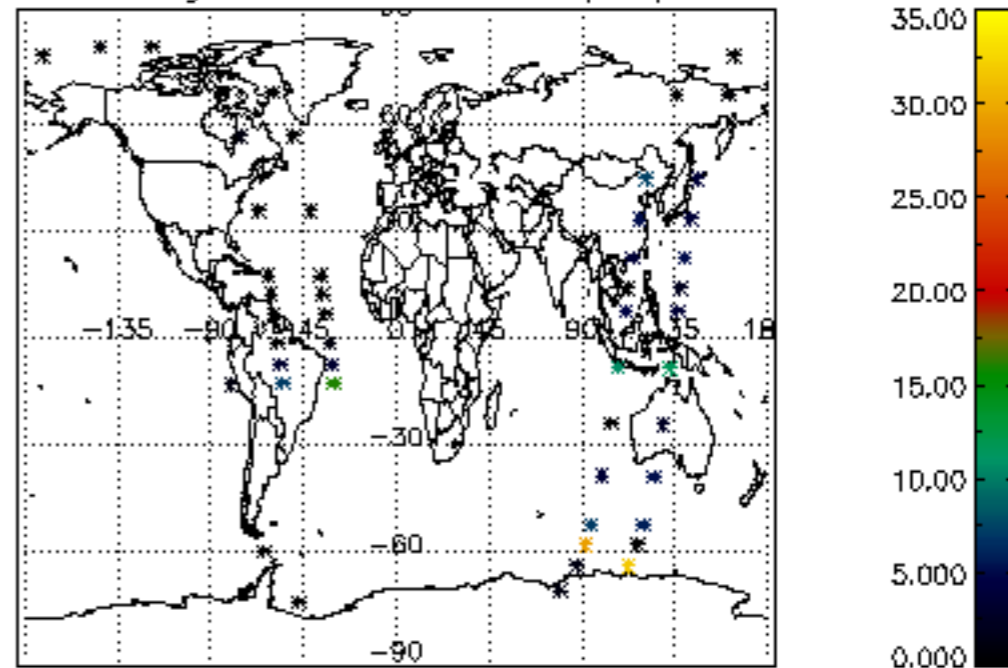
Percentage of datation errors per profile



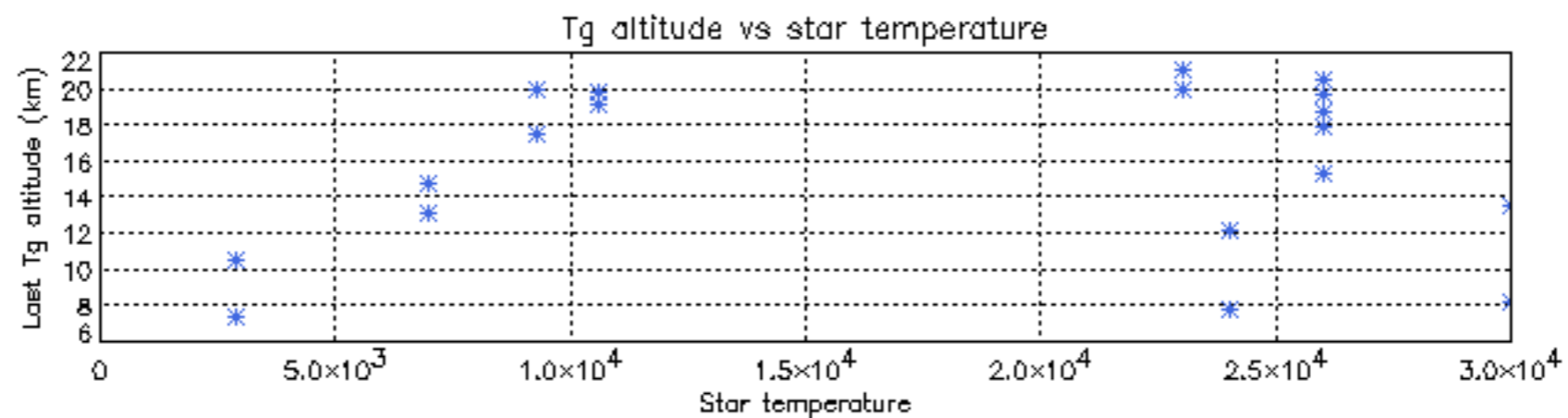
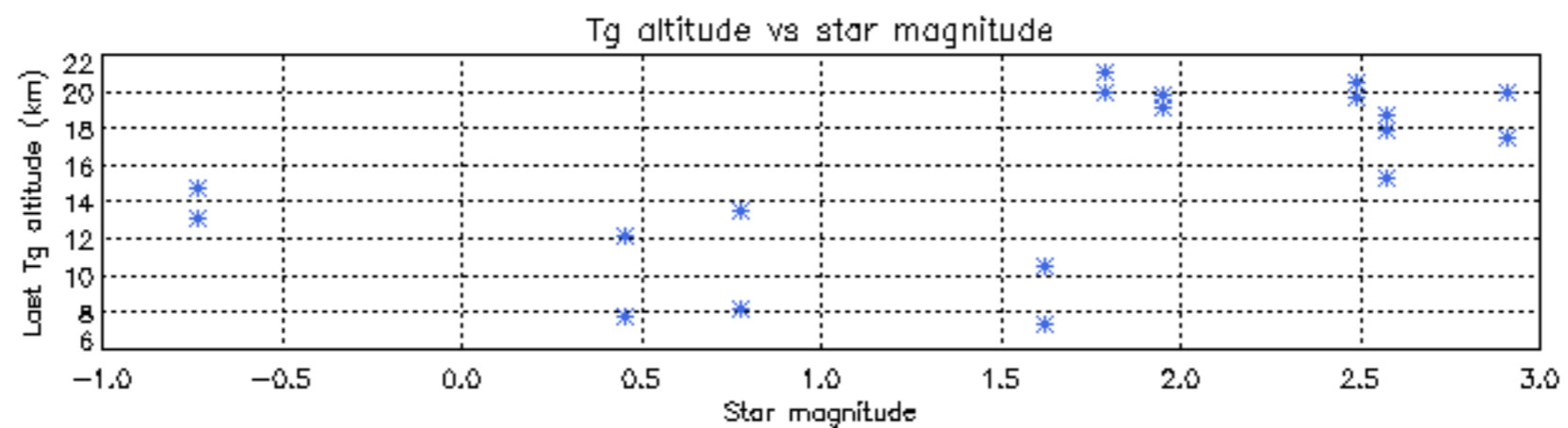
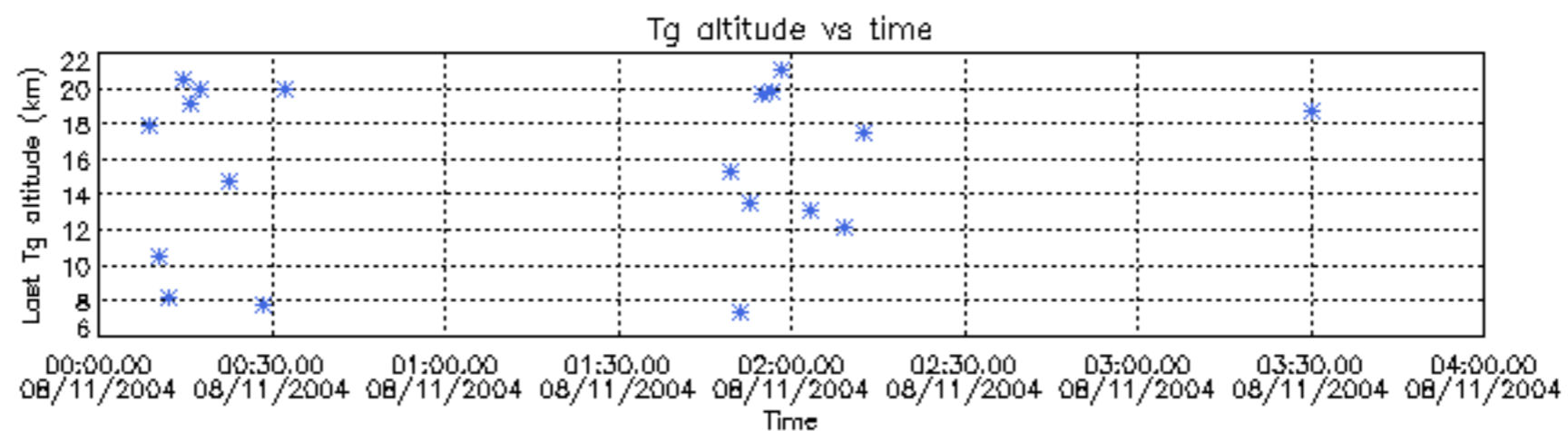
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

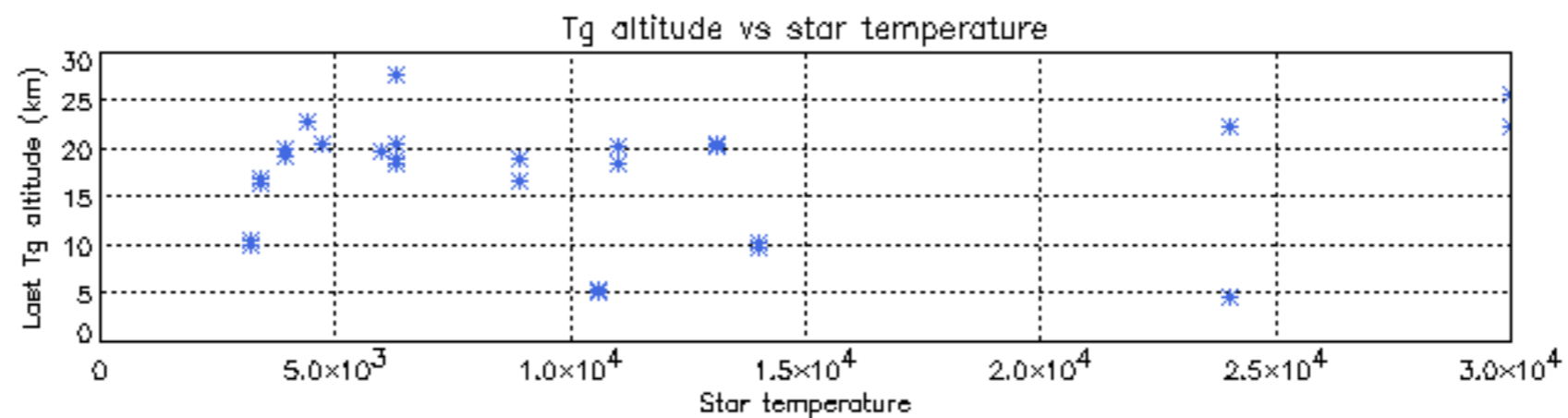
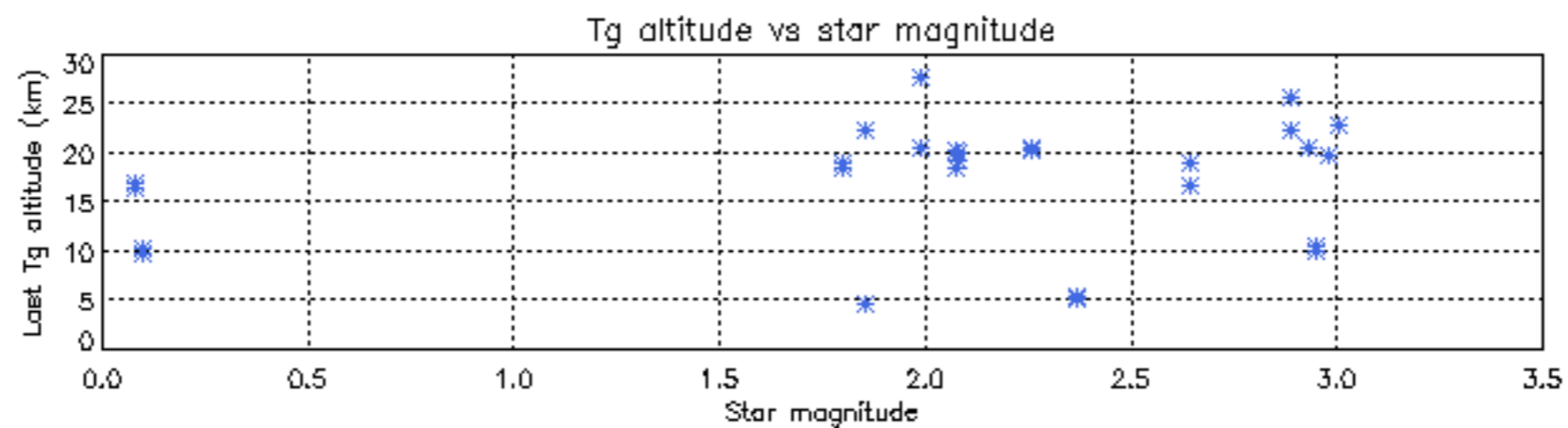
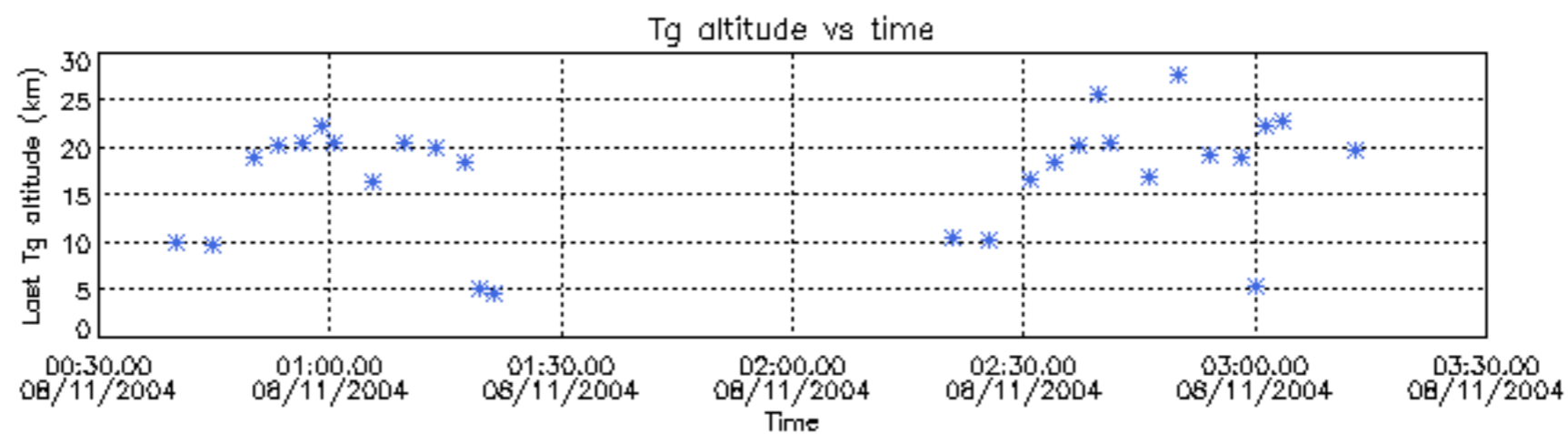


Tangent altitude at which the star is lost

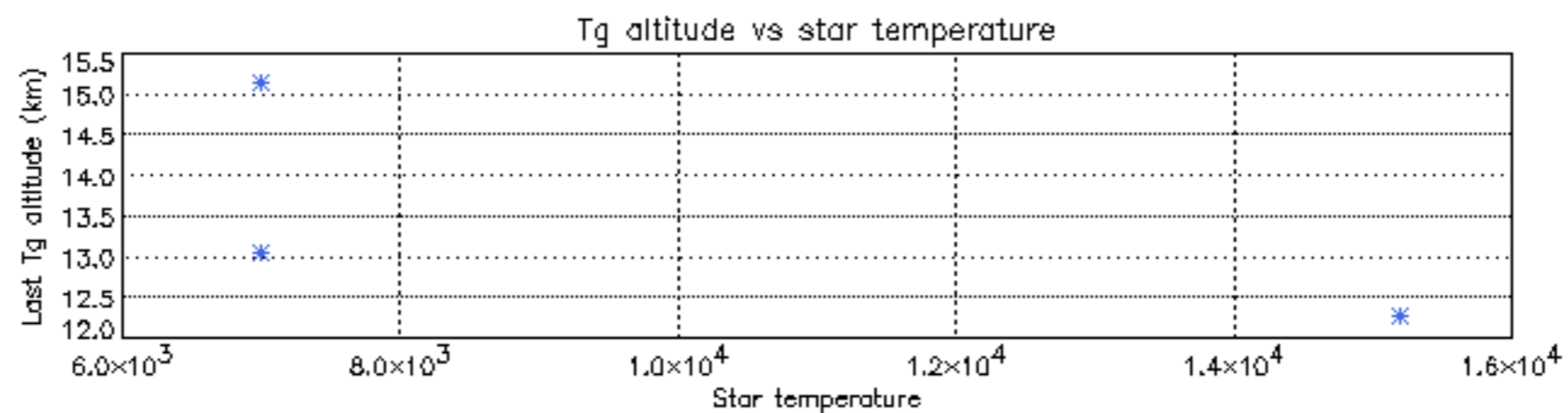
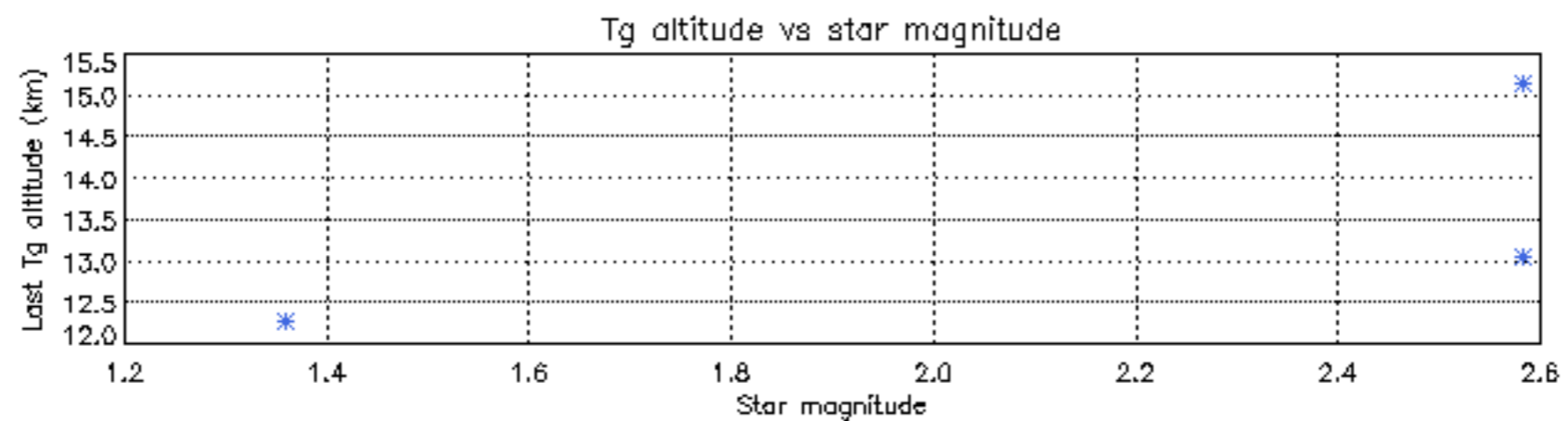
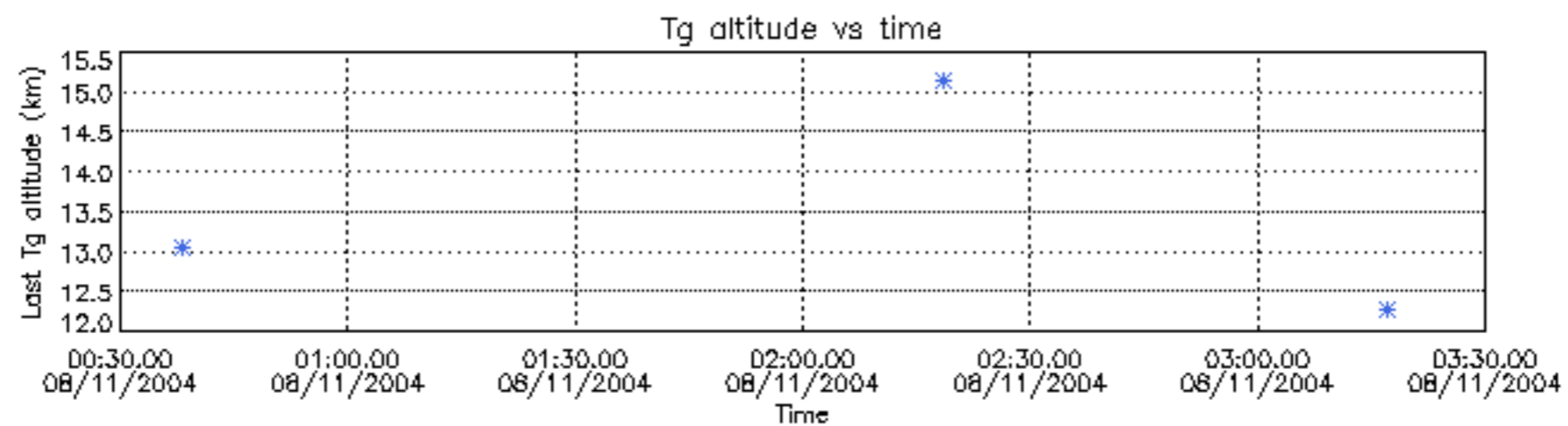




Tangent altitude at which the star is lost



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
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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

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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

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(corrupted file due to acquisition failures)

Problem occurred when reading packet number 671!

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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
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27; 3788.0; 13-NOV-2004 23:45:55; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 1;14155
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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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1;-4411.1; 14-NOV-2004 09:13:27; Dark ; 212.0; 1; 9Alp CMA ;-1.44; 11000;occ; 424; 262;14161
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
30; 105.3; 14-NOV-2004 10:28:44; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14162
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
6;-3533.1; 14-NOV-2004 11:08:41; Bright; 37.5; 173; 4Bet Tri ; 3.00; 8900;occ; 75; 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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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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35; 781.9; 14-NOV-2004 12:20:36; Dark ; 87.5; 88; 31Eta CMA ; 2.45; 20000;occ; 175; 0;14163
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
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9; -3217.6; 14-NOV-2004 12:54:33; Bright; 43.0; 35; 33Alp Per ; 1.79; 6250;occ; 86; 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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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  
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 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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 25;-1432.8; 14-NOV-2004 21:47:17; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14168  
 26;-1301.6; 14-NOV-2004 21:49:29; Bright; 48.5; 96; 68Del Leo ; 2.56; 9300;occ; 97; 0;14168  
 27;-1199.9; 14-NOV-2004 21:51:10; Bright; 95.0; 166; 17Eps Leo ; 2.98; 6000;occ; 190; 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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7;-3408.8; 15-NOV-2004 12:19:44; Bright; 37.0; 73; 57Gam1And ; 2.26; 13100;occ; 74; 0;14177
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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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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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 17; 3948.8; 23-NOV-2004 21:53:38; Bright; 46.0; 82; 48Bet UMa ; 2.37; 10600;occ; 92; 0;14297  
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 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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 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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22; -1241.8; 23-NOV-2004 20:27:08; Bright; 57.0; 96; 68Del Leo ; 2.56; 9300;occ; 114; 0;14296

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3;-2098.4; 26-NOV-2004 06:53:49; Bright; 46.0; 82; 48Bet UMa ; 2.37; 10600;occ; 92; 0;14331
4;-1997.3; 26-NOV-2004 06:55:30; Bright; 39.5; 55; 79Zet UMa ; 2.06; 10200;occ; 79; 0;14331
5;-1902.4; 26-NOV-2004 06:57:05; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;14331

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8;-1404.3; 26-NOV-2004 07:05:23; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;14331  
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27; 175.7; 26-NOV-2004 09:12:19; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14333  
28; 274.9; 26-NOV-2004 09:13:58; Dark ; 38.5; 159; Ups Car ; 2.92; 7200;occ; 77; 0;14333  
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33; 772.2; 26-NOV-2004 09:22:15; Dark ; 59.0; 2; Alp Car ;-0.74; 7000;occ; 118; 0;14333  
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23; -528.6; 26-NOV-2004 10:41:10; Dark ; 47.0; 171; 2Eps Crv ; 3.00; 4250;occ; 94; 0;14333
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27; 175.9; 26-NOV-2004 10:52:55; Dark ; 38.0; 124; The Car ; 2.76; 30000;occ; 76; 0;14334
28; 275.2; 26-NOV-2004 10:54:34; Dark ; 39.5; 159; Ups Car ; 2.92; 7200;occ; 79; 0;14334
29; 355.0; 26-NOV-2004 10:55:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14334
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26; 22.7; 26-NOV-2004 12:30:57; Dark ; 45.5; 12; Alp1Cru ; 0.77; 30000;occ; 91; 0;14335
27; 176.3; 26-NOV-2004 12:33:31; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14335
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4;	-3904.2;	26-NOV-2004	13:06:06;	Dark	;	70.0;	27;	24Gam Ori	; 1.64;	26000;occ;	140;	0;14335
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7;	-3427.2;	26-NOV-2004	13:14:03;	Bright;		37.0;	79;	26Bet Per	; 2.31;	13100;occ;	74;	0;14335
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13;	-2196.3;	26-NOV-2004	13:34:34;	Bright;		43.5;	36;	50Alp UMA	; 1.80;	6300;occ;	87;	0;14335
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33; 660.8; 27-NOV-2004 15:31:10; Dark ; 58.5; 70; Zet Pup ; 2.25; 39000;occ; 117; 0;14351
34; 781.4; 27-NOV-2004 15:33:11; Dark ; 59.0; 2; Alp Car ; -0.74; 7000;occ; 118; 0;14351
35; 878.7; 27-NOV-2004 15:34:48; Dark ; 78.0; 117; Pi Pup ; 2.71; 3800;occ; 156; 0;14351
36; 1113.2; 27-NOV-2004 15:38:43; Dark ; 73.5; 23; 21Eps CMa ; 1.50; 26000;occ; 147; 0;14351
37; 1245.7; 27-NOV-2004 15:40:55; Dark ; 53.0; 179; 240mi2CMa ; 3.03; 24000;occ; 106; 0;14351
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5; 1754.4; 27-NOV-2004 20:51:12; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;14354
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9; 2479.2; 27-NOV-2004 21:03:17; Bright; 41.0; 150; 44Zet Per ; 2.89; 28000;occ; 82; 0;14354
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 15; 3696.9; 27-NOV-2004 21:23:34; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;14354  
 16; 3833.4; 27-NOV-2004 21:25:51; Bright; 44.0; 36; 50Alp UMa ; 1.80; 6300;occ; 88; 0;14354  
 17; 3927.6; 27-NOV-2004 21:27:25; Bright; 48.5; 82; 48Bet UMa ; 2.37; 10600;occ; 97; 0;14354  
 18; 4038.3; 27-NOV-2004 21:29:16; Bright; 39.5; 55; 79Zet UMa ; 2.06; 10200;occ; 79; 0;14354  
 19; 4135.3; 27-NOV-2004 21:30:53; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;14354  
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 22; 4830.3; 27-NOV-2004 21:42:28; Bright; 65.5; 96; 68Del Leo ; 2.56; 9300;occ; 131; 0;14354  
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 18; 1524.4; 27-NOV-2004 22:27:58; Dark ; 104.0; 1; 9Alp Cma ; -1.44; 11000;occ; 208; 0;14355  
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 23; 2478.9; 27-NOV-2004 22:43:52; Bright; 39.0; 150; 44Zet Per ; 2.89; 28000;occ; 78; 0;14355  
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 26; 2873.9; 27-NOV-2004 22:50:27; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;14355  
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 32; 4038.1; 27-NOV-2004 23:09:51; Bright; 43.5; 55; 79Zet UMa ; 2.06; 10200;occ; 87; 0;14355  
 33; 4135.3; 27-NOV-2004 23:11:29; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;14355  
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 36; 4830.7; 27-NOV-2004 23:23:04; Bright; 65.0; 96; 68Del Leo ; 2.56; 9300;occ; 130; 0;14355  
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23; 2742.0; 28-NOV-2004 00:28:51; Bright; 40.5; 175; 39Del Per ; 3.01; 19400;occ; 81; 0;14356
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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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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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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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