

# GOMOS Daily Report 04-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	05NOV2004 05:03:39
Data source version	GOMOS/4.02
Start time of products	QDS_YESTERDAY(/START) (04NOV2004 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP) (05NOV2004 00:00:00)

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

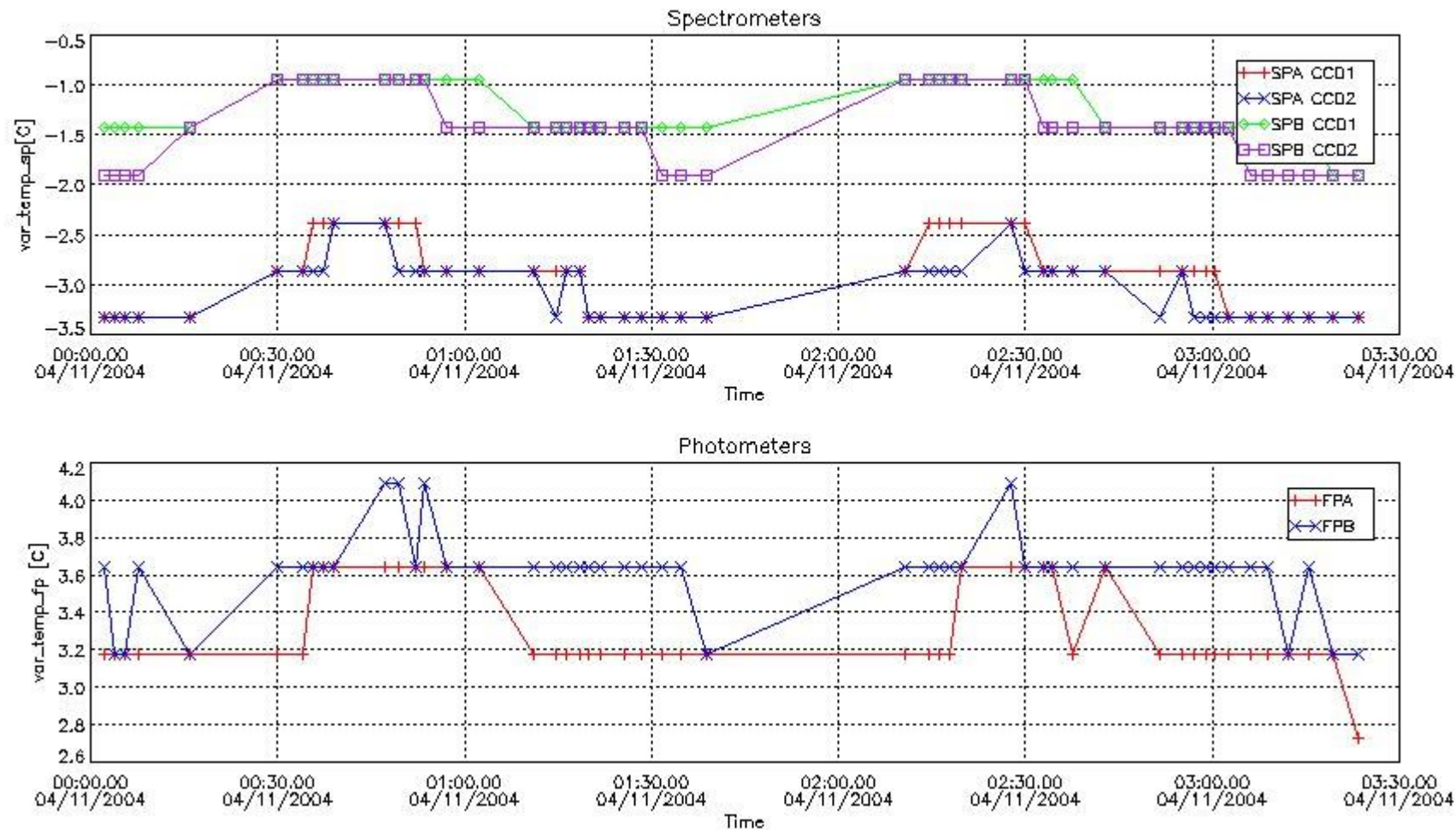
## 2. Summary of products arrived in PCF (Product Control Facility)

### 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_1PNPDE20041104_000216_000000432031_00431_14012_0022.N1	04-NOV-2004 00:02:16	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	14012	No
GOM_TRA_1PNPDE20041104_000354_000000402031_00431_14012_0023.N1	04-NOV-2004 00:03:54	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	14012	No
GOM_TRA_1PNPDE20041104_000523_000000362031_00431_14012_0024.N1	04-NOV-2004 00:05:23	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	14012	No
GOM_TRA_1PNPDE20041104_000739_000000422031_00431_14012_0025.N1	04-NOV-2004 00:07:39	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	14012	No
GOM_TRA_1PNPDE20041104_001601_000000632031_00431_14012_0026.N1	04-NOV-2004 00:16:01	Bright	63.000	166	17Eps Leo	2.9800	6000.0	126	14012	No
GOM_TRA_1PNPDE20041104_003001_000000802031_00431_14012_0000.N1	04-NOV-2004 00:30:01	Dark	79.500	48	30Alp Hya	1.9770	4100.0	159	14012	No
GOM_TRA_1PNPDE20041104_003400_000000402031_00431_14012_0001.N1	04-NOV-2004 00:34:00	Dark	39.500	99	Del Cen	2.5750	26000.	79	14012	No
GOM_TRA_1PNPDE20041104_003533_000000422031_00431_14012_0002.N1	04-NOV-2004 00:35:33	Dark	41.500	26	Gam Cru	1.6240	2900.0	83	14012	No
GOM_TRA_1PNPDE20041104_003714_000000422031_00431_14012_0003.N1	04-NOV-2004 00:37:14	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	14012	No
GOM_TRA_1PNPDE20041104_003906_000000422031_00432_14013_0004.N1	04-NOV-2004 00:39:06	Dark	42.000	91	Kap Vel	2.4900	26000.	84	14013	No
GOM_TRA_1PNPDE20041104_004705_000000522031_00432_14013_0005.N1	04-NOV-2004 00:47:05	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	14013	No
GOM_TRA_1PNPDE20041104_004922_000000852031_00432_14013_0006.N1	04-NOV-2004 00:49:22	Dark	85.000	23	21Eps CMa	1.5020	26000.	170	14013	No
GOM_TRA_1PNPDE20041104_005214_000000402031_00432_14013_0007.N1	04-NOV-2004 00:52:14	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	14013	No
GOM_TRA_1PNPDE20041104_005337_000000432031_00432_14013_0008.N1	04-NOV-2004 00:53:37	Dark	42.500	9	Alp Eri	0.45300	24000.	85	14013	No
GOM_TRA_1PNPDE20041104_005701_000000442031_00432_14013_0009.N1	04-NOV-2004 00:57:01	Dark	43.500	157	The1Eri	2.9060	9300.0	87	14013	No
GOM_TRA_1PNPDE20041104_010212_000001132031_00432_14013_0010.N1	04-NOV-2004 01:02:12	Twilight	113.00	101	11Alp Lep	2.5820	7000.0	226	14013	No
GOM_TRA_1PNPDE20041104_011104_000000582031_00432_14013_0011.N1	04-NOV-2004 01:11:04	Bright	57.500	94	92Alp Cet	2.5260	3100.0	115	14013	No
GOM_TRA_1PNPDE20041104_011433_000000392031_00432_14013_0012.N1	04-NOV-2004 01:14:33	Bright	38.500	140	88Gam Peg	2.8340	26000.	77	14013	No
GOM_TRA_1PNPDE20041104_011625_000000432031_00432_14013_0013.N1	04-NOV-2004 01:16:25	Bright	43.000	50	13Alp Ari	2.0070	4250.0	86	14013	No
GOM_TRA_1PNPDE20041104_011824_000000382031_00432_14013_0014.N1	04-NOV-2004 01:18:24	Bright	38.000	58	21Alp And	2.0730	11000.	76	14013	No
GOM_TRA_1PNPDE20041104_011951_000000402031_00432_14013_0015.N1	04-NOV-2004 01:19:51	Bright	39.500	173	4Bet Tri	3.0040	8900.0	79	14013	No
GOM_TRA_1PNPDE20041104_012154_000000392031_00432_14013_0016.N1	04-NOV-2004 01:21:54	Bright	38.500	73	57Gam1And	2.2600	13100.	77	14013	No
GOM_TRA_1PNPDE20041104_012534_000000392031_00432_14013_0017.N1	04-NOV-2004 01:25:34	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	14013	No
GOM_TRA_1PNPDE20041104_012817_000000812031_00432_14013_0018.N1	04-NOV-2004 01:28:17	Bright	81.000	114	3lot Aur	2.6930	4600.0	162	14013	No
GOM_TRA_1PNPDE20041104_013136_000000642031_00432_14013_0019.N1	04-NOV-2004 01:31:36	Bright	64.000	6	13Alp Aur	0.080000	3400.0	128	14013	No
GOM_TRA_1PNPDE20041104_013448_000000382031_00432_14013_0020.N1	04-NOV-2004 01:34:48	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	14013	No
GOM_TRA_1PNPDE20041104_013846_000000392031_00432_14013_0021.N1	04-NOV-2004 01:38:46	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	14013	No
GOM_TRA_1PNPDE20041104_021038_000000872031_00432_14013_0000.N1	04-NOV-2004 02:10:38	Dark	87.000	48	30Alp Hya	1.9770	4100.0	174	14013	No
GOM_TRA_1PNPDE20041104_021436_000000382031_00432_14013_0001.N1	04-NOV-2004 02:14:36	Dark	37.500	99	Del Cen	2.5750	26000.	75	14013	No
GOM_TRA_1PNPDE20041104_021609_000000512031_00432_14013_0002.N1	04-NOV-2004 02:16:09	Dark	50.500	26	Gam Cru	1.6240	2900.0	101	14013	No
GOM_TRA_1PNPDE20041104_021750_000000412031_00432_14013_0003.N1	04-NOV-2004 02:17:50	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	14013	No
GOM_TRA_1PNPDE20041104_021943_000000432031_00433_14014_0004.N1	04-NOV-2004 02:19:43	Dark	43.000	91	Kap Vel	2.4900	26000.	86	14014	No
GOM_TRA_1PNPDE20041104_022740_000000542031_00433_14014_0005.N1	04-NOV-2004 02:27:40	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	14014	No
GOM_TRA_1PNPDE20041104_023000_000000922031_00433_14014_0006.N1	04-NOV-2004 02:30:00	Dark	92.000	23	21Eps CMa	1.5020	26000.	184	14014	No
GOM_TRA_1PNPDE20041104_023250_000000392031_00433_14014_0007.N1	04-NOV-2004 02:32:50	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	14014	No
GOM_TRA_1PNPDE20041104_023413_000000432031_00433_14014_0008.N1	04-NOV-2004 02:34:13	Dark	42.500	9	Alp Eri	0.45300	24000.	85	14014	No
GOM_TRA_1PNPDE20041104_023738_000000422031_00433_14014_0009.N1	04-NOV-2004 02:37:38	Dark	42.000	157	The1Eri	2.9060	9300.0	84	14014	No
GOM_TRA_1PNPDE20041104_024248_000001072031_00433_14014_0010.N1	04-NOV-2004 02:42:48	Twilight	107.00	101	11Alp Lep	2.5820	7000.0	214	14014	No
GOM_TRA_1PNPDE20041104_025139_000000552031_00433_14014_0011.N1	04-NOV-2004 02:51:39	Bright	55.000	94	92Alp Cet	2.5260	3100.0	110	14014	No
GOM_TRA_1PNPDE20041104_025509_000000372031_00433_14014_0012.N1	04-NOV-2004 02:55:09	Bright	37.000	140	88Gam Peg	2.8340	26000.	74	14014	No
GOM_TRA_1PNPDE20041104_025700_000000452031_00433_14014_0013.N1	04-NOV-2004 02:57:00	Bright	44.500	50	13Alp Ari	2.0070	4250.0	89	14014	No
GOM_TRA_1PNPDE20041104_025900_000000382031_00433_14014_0014.N1	04-NOV-2004 02:59:00	Bright	38.000	58	21Alp And	2.0730	11000.	76	14014	No
GOM_TRA_1PNPDE20041104_030026_000000392031_00433_14014_0015.N1	04-NOV-2004 03:00:26	Bright	39.000	173	4Bet Tri	3.0040	8900.0	78	14014	No
GOM_TRA_1PNPDE20041104_030229_000000432031_00433_14014_0016.N1	04-NOV-2004 03:02:29	Bright	43.000	73	57Gam1And	2.2600	13100.	86	14014	No
GOM_TRA_1PNPDE20041104_030609_000000392031_00433_14014_0017.N1	04-NOV-2004 03:06:09	Bright	38.500	68	18Alp Cas	2.2250	4500.0	77	14014	No
GOM_TRA_1PNPDE20041104_030851_000000742031_00433_14014_0018.N1	04-NOV-2004 03:08:51	Bright	73.500	114	3lot Aur	2.6930	4600.0	147	14014	No
GOM_TRA_1PNPDE20041104_031210_000000652031_00433_14014_0019.N1	04-NOV-2004 03:12:10	Bright	65.000	6	13Alp Aur	0.080000	3400.0	130	14014	No
GOM_TRA_1PNPDE20041104_031523_000000372031_00433_14014_0020.N1	04-NOV-2004 03:15:23	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	14014	No
GOM_TRA_1PNPDE20041104_031922_000000412031_00433_14014_0000.N1	04-NOV-2004 03:19:22	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	14014	No

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



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

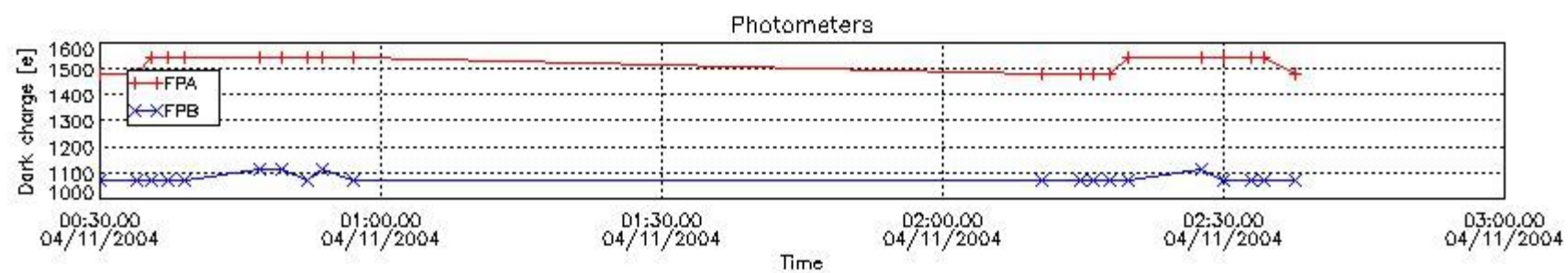
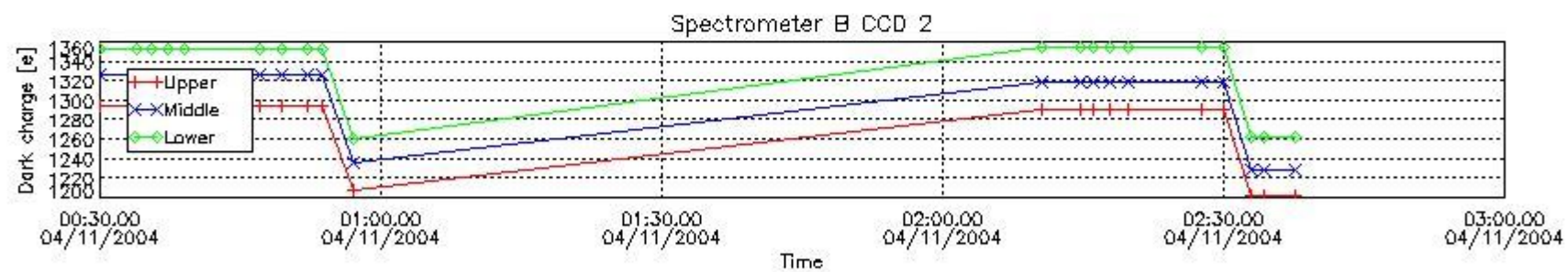
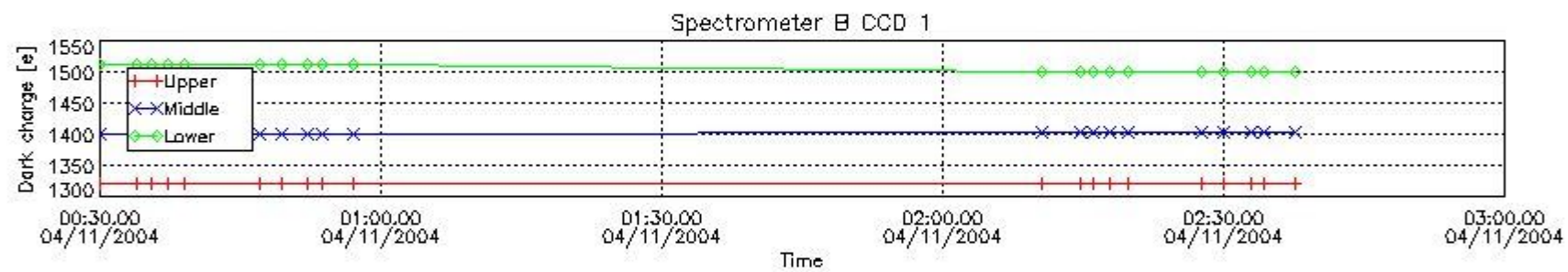
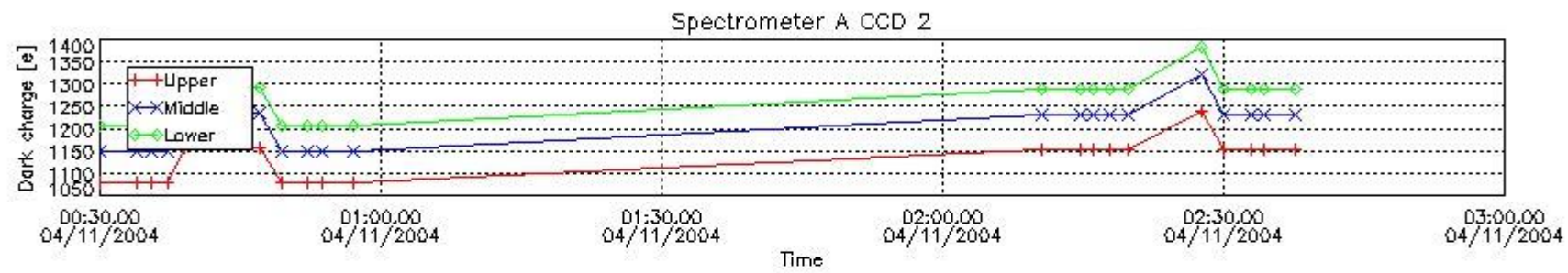
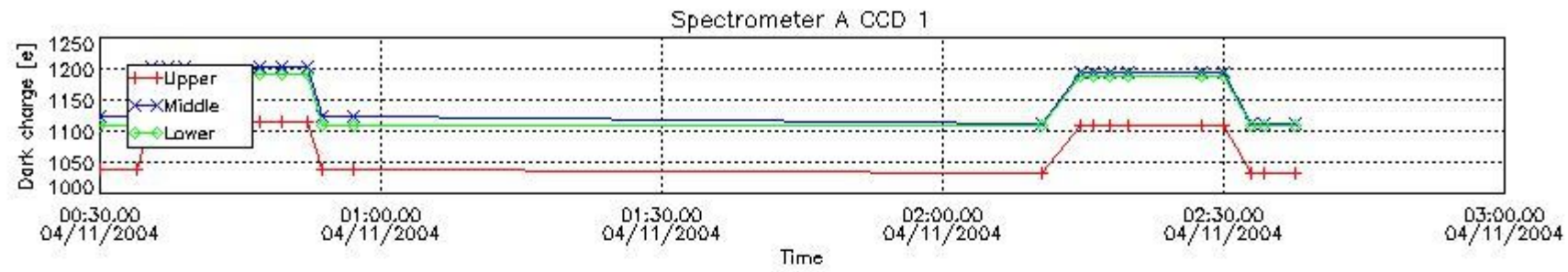
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount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





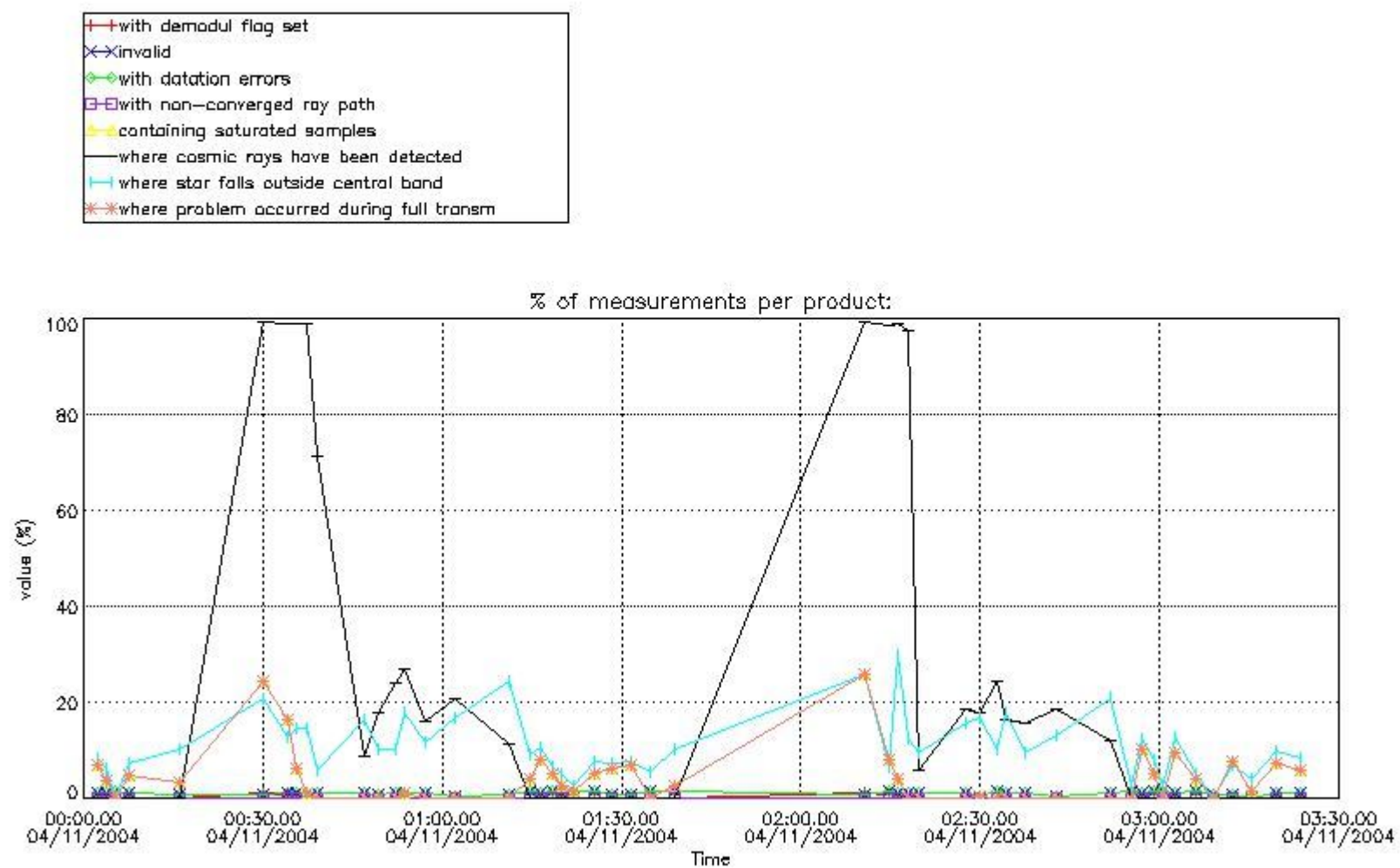
## 5. Demodulation flag and quality information monitoring

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:

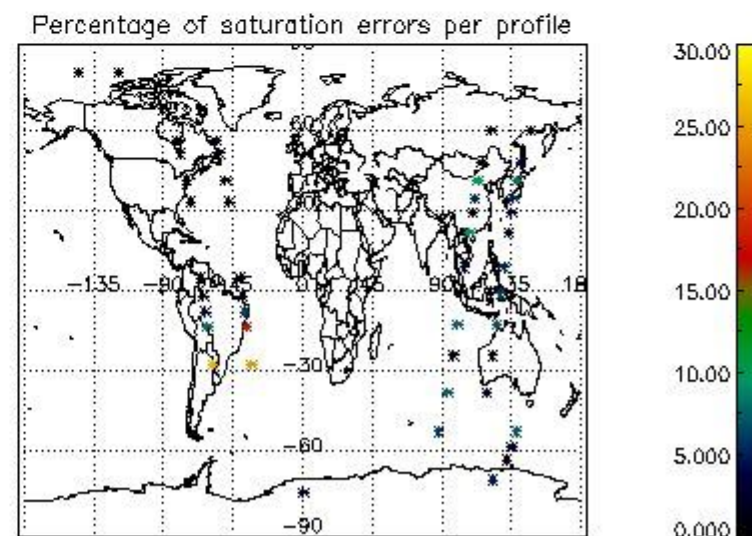
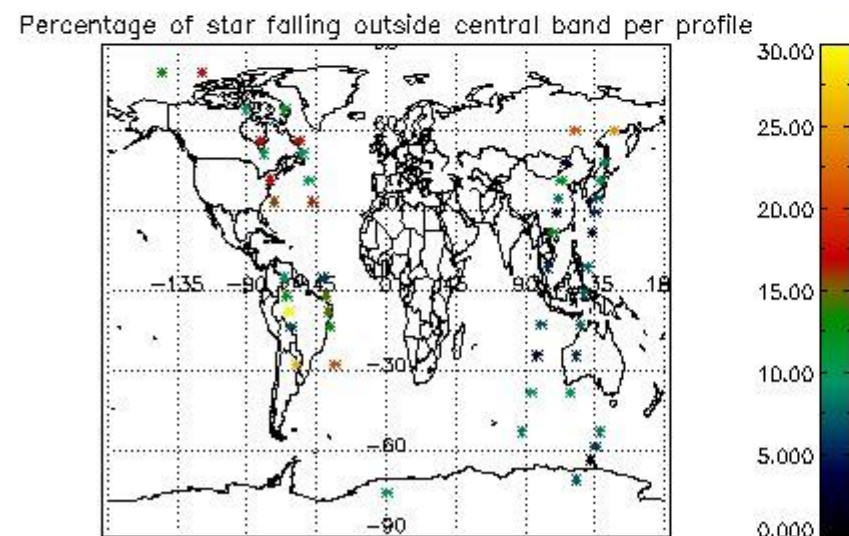
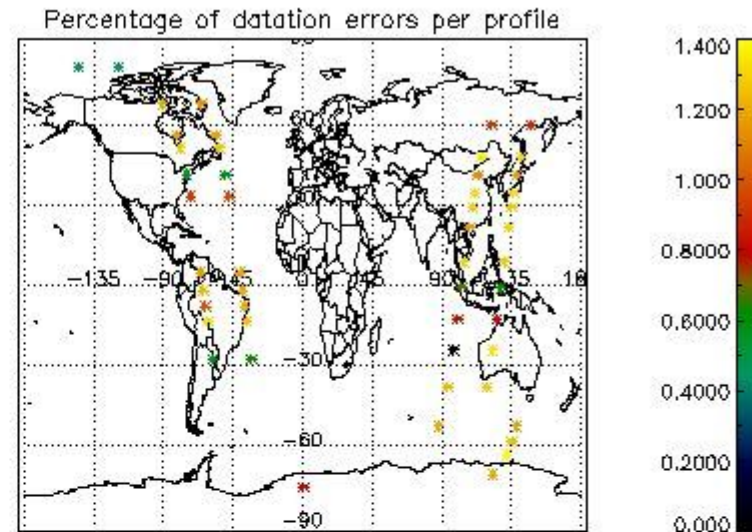
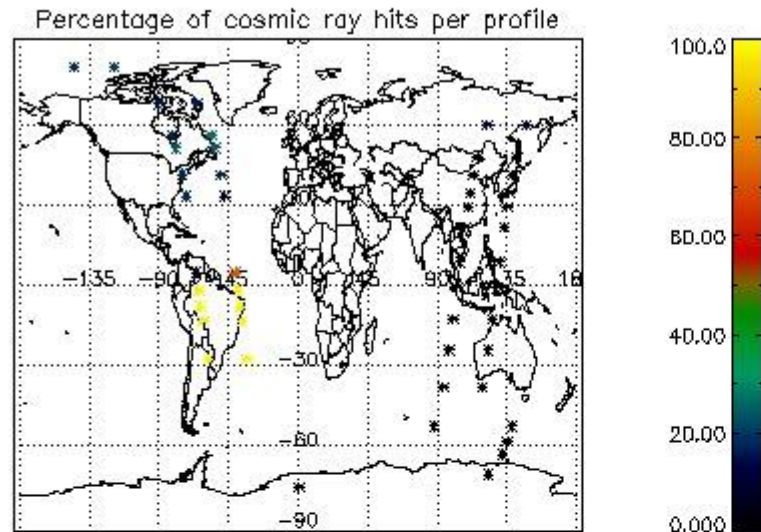
At least one measurement with demodulation flag set:	20.0000 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

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



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





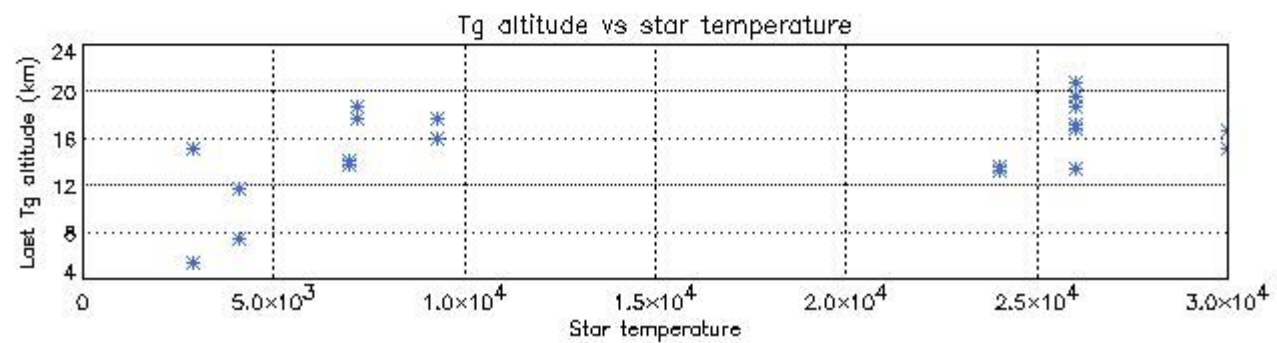
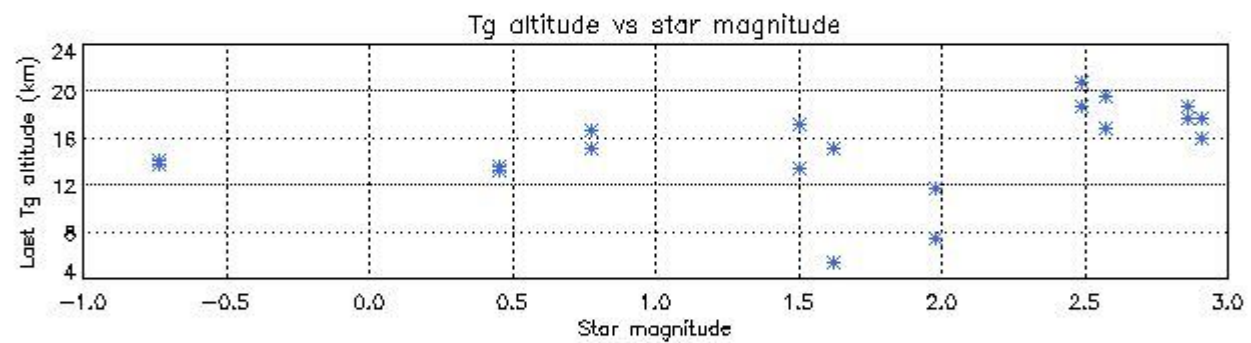
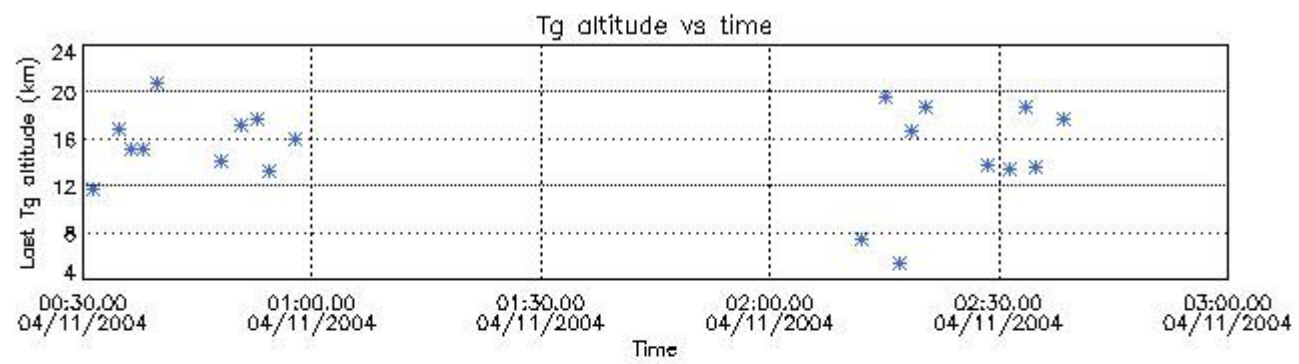
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.115	19.821	14.303
St. deviation:	3.8249	3.9563	1.5390
Maximum:	20.784	27.036	15.392
Minimum:	5.3889	9.3941	13.215
Number of data:	20.000	28.000	2.0000

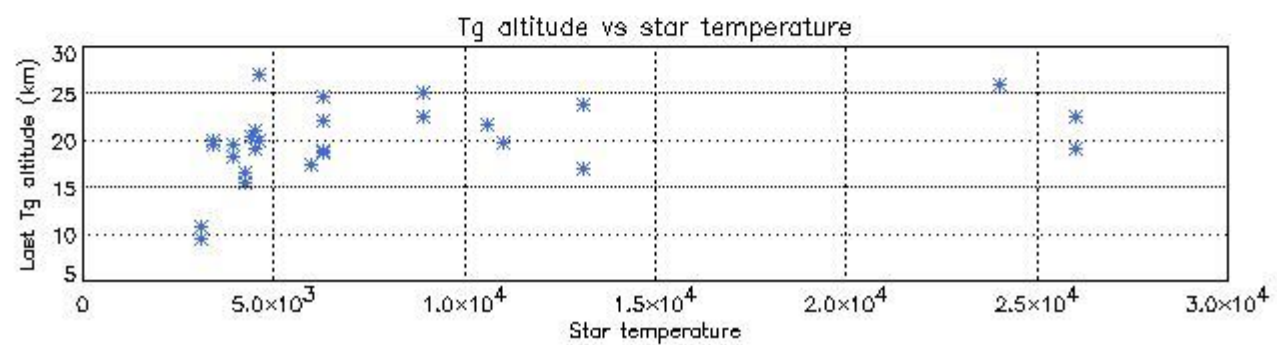
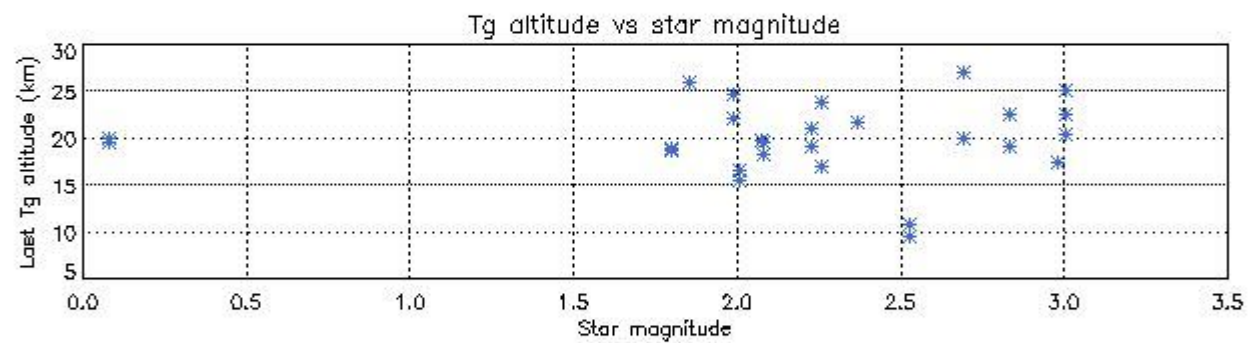
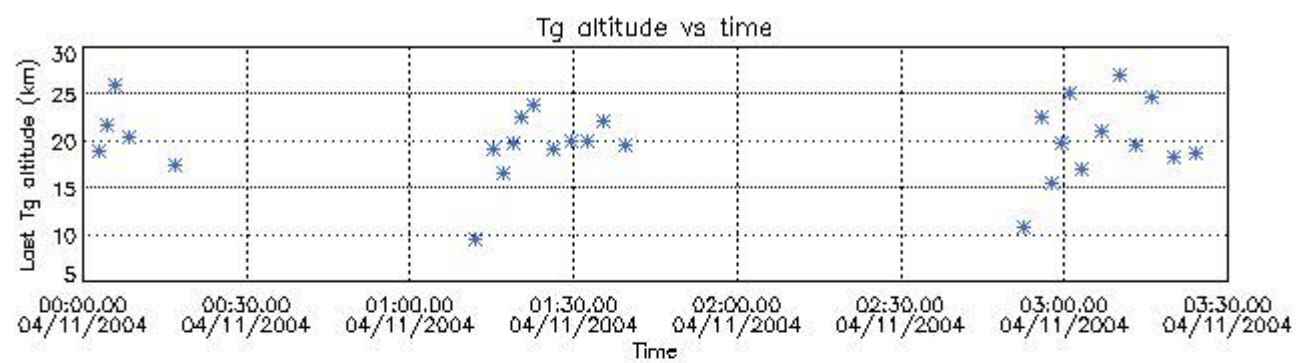
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

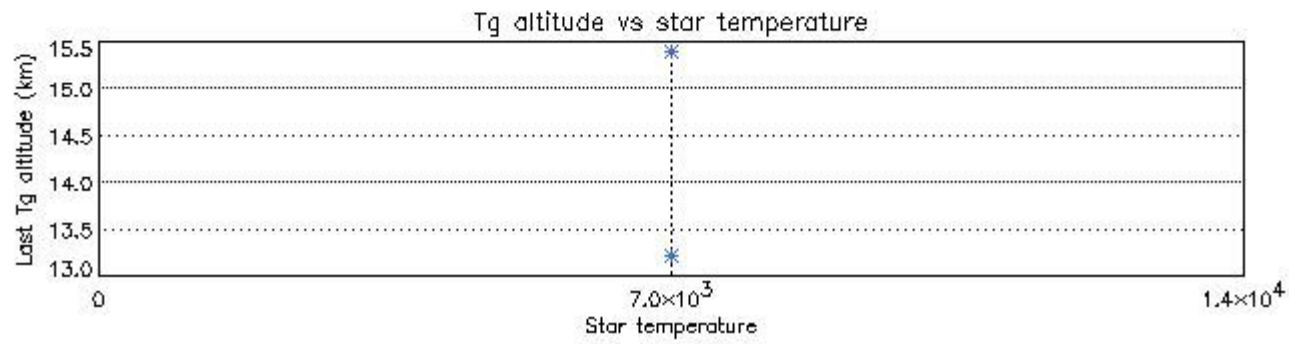
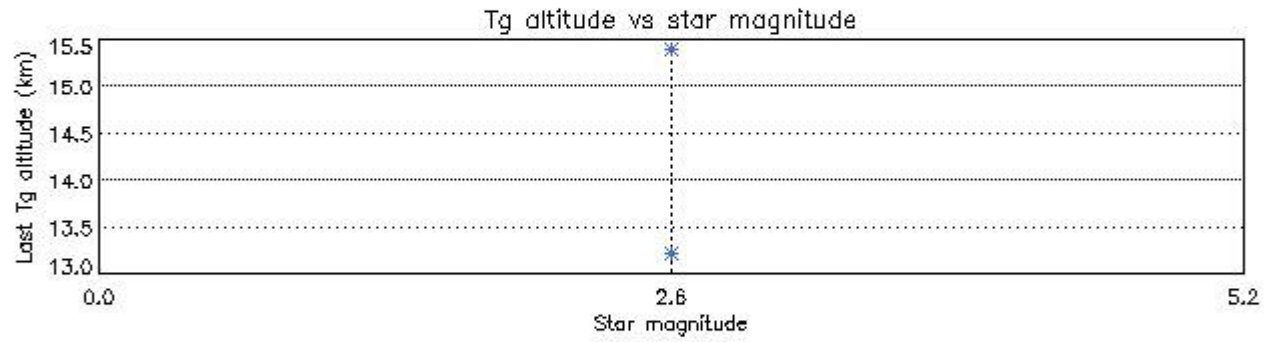
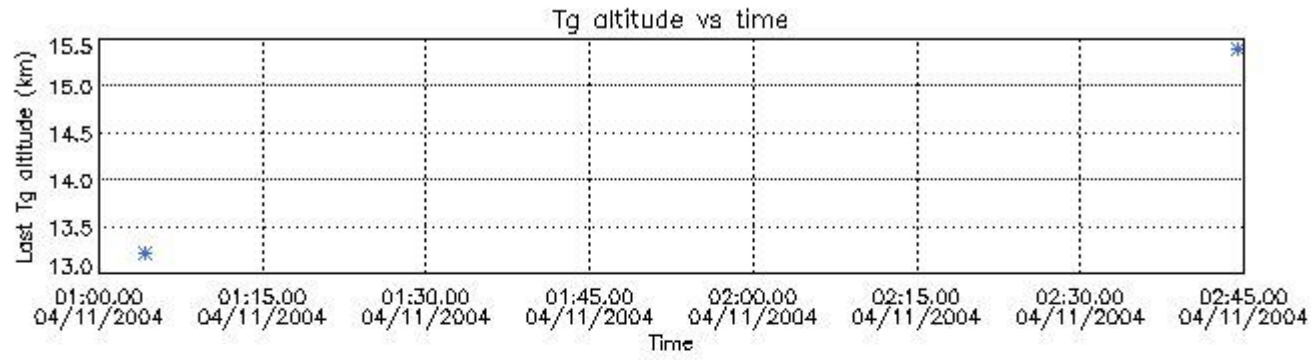
Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products



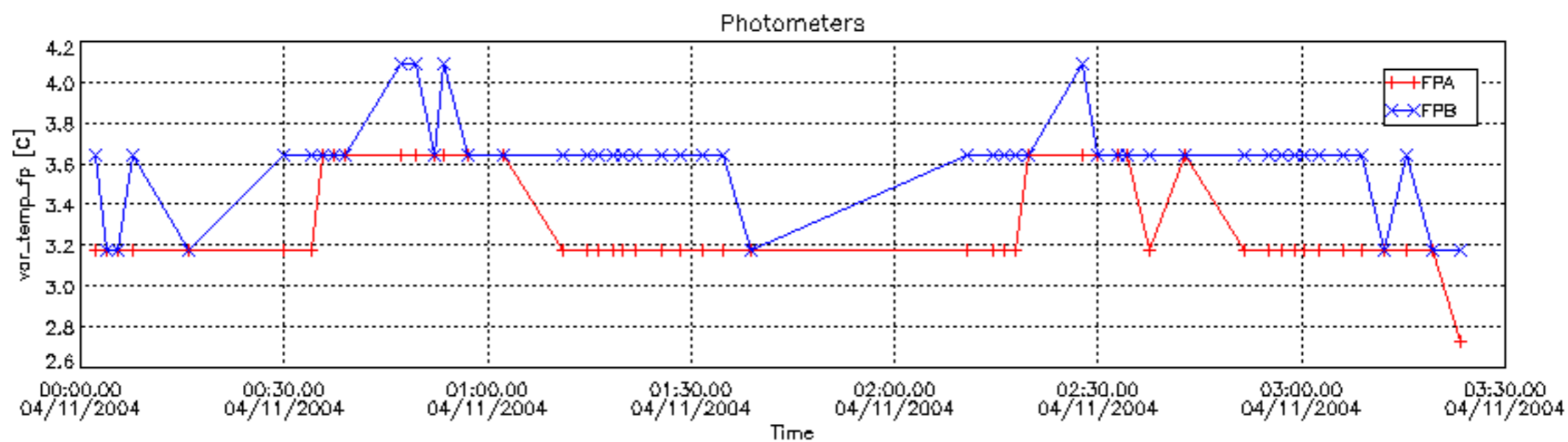
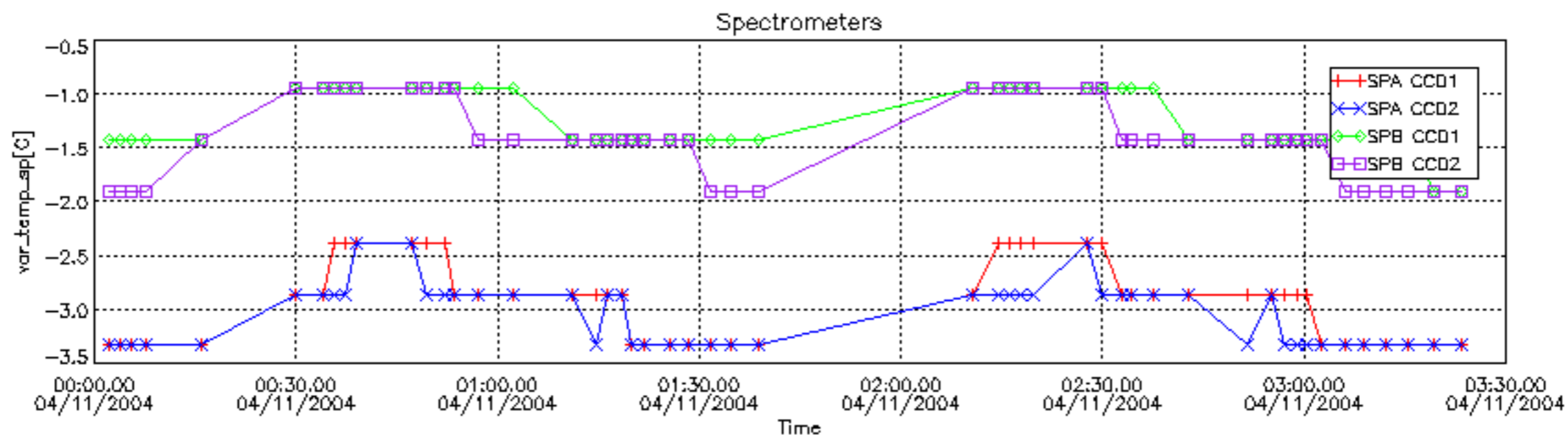
Tangent altitude at which the star is lost

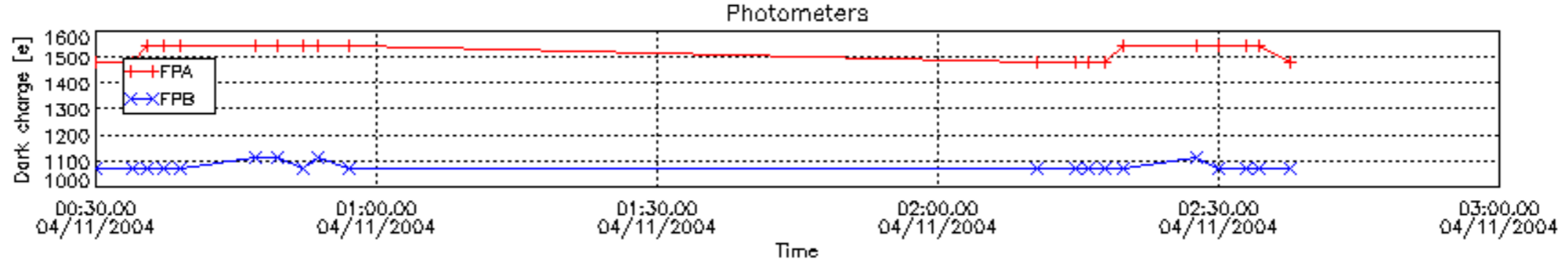
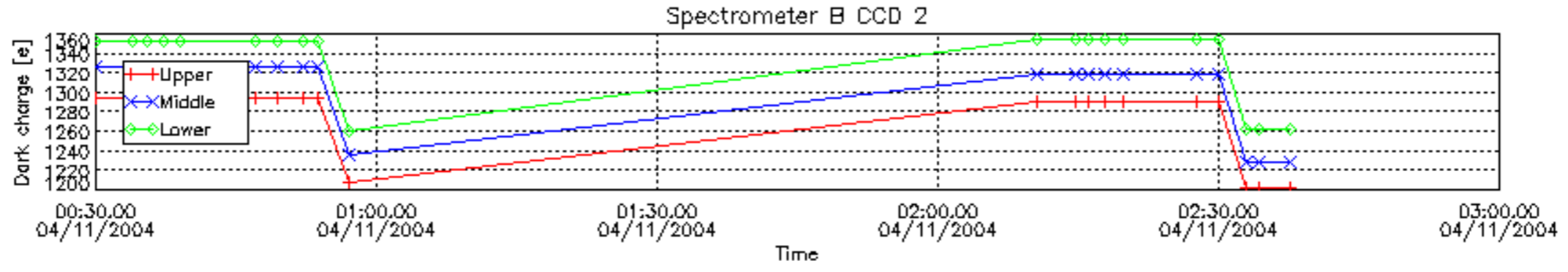
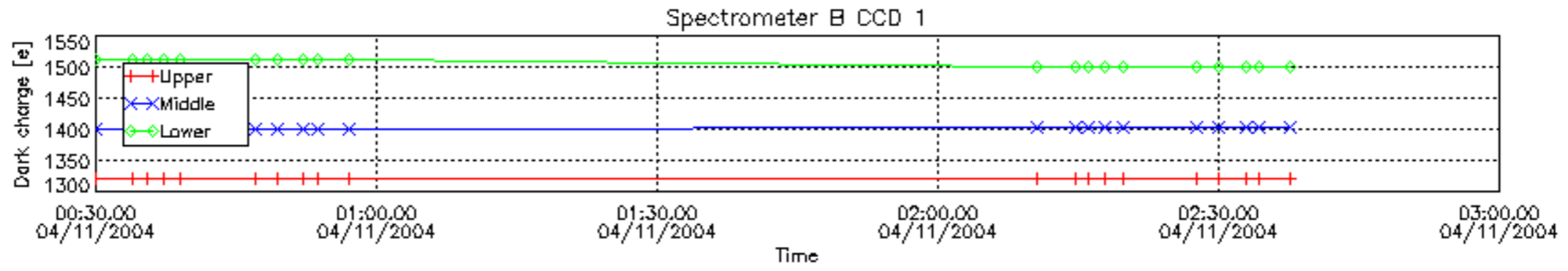
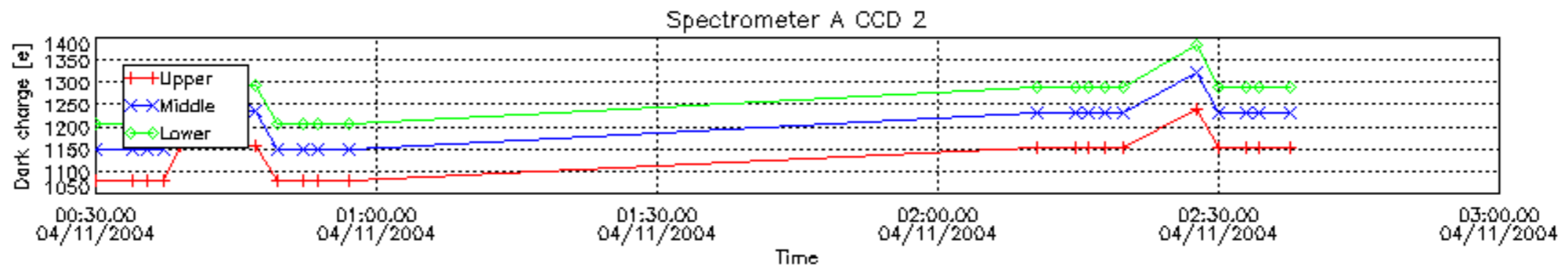
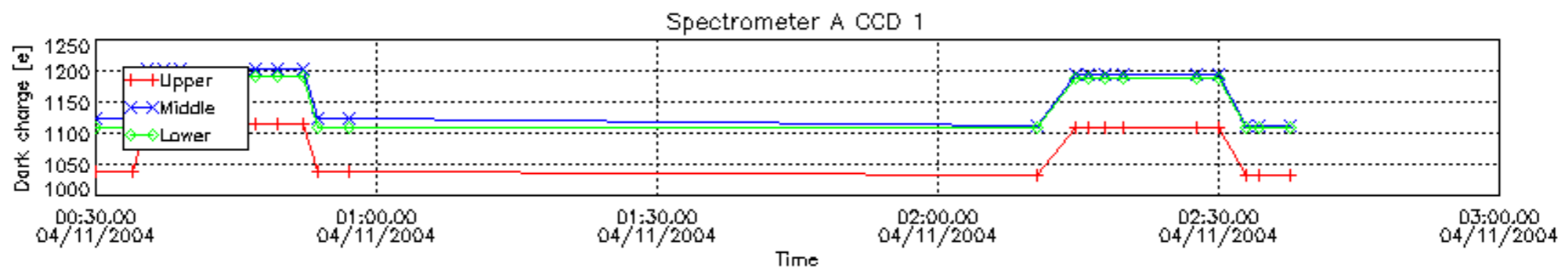


## 7. Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

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:	1460.4	1447.0	1461.3	1447.9
St. deviation:	5.2372	6.1735	6.2289	7.0179
Maximum:	1543.0	1488.0	1509.0	1498.0
Minimum:	1427.0	1412.0	1445.0	1436.0
Number of data:	25750.	25750.	33450.	33450.

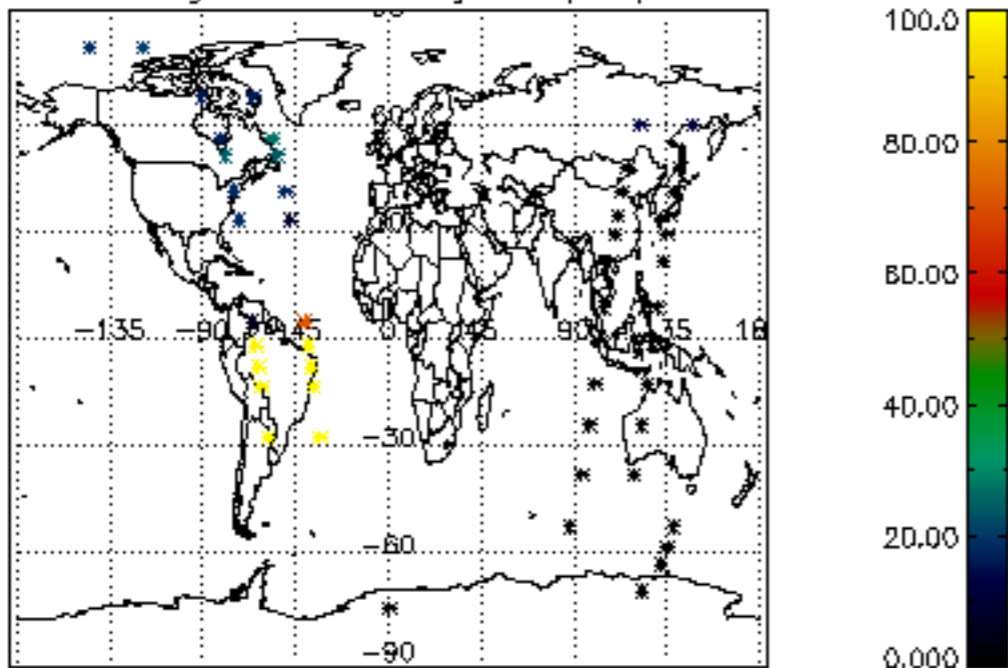




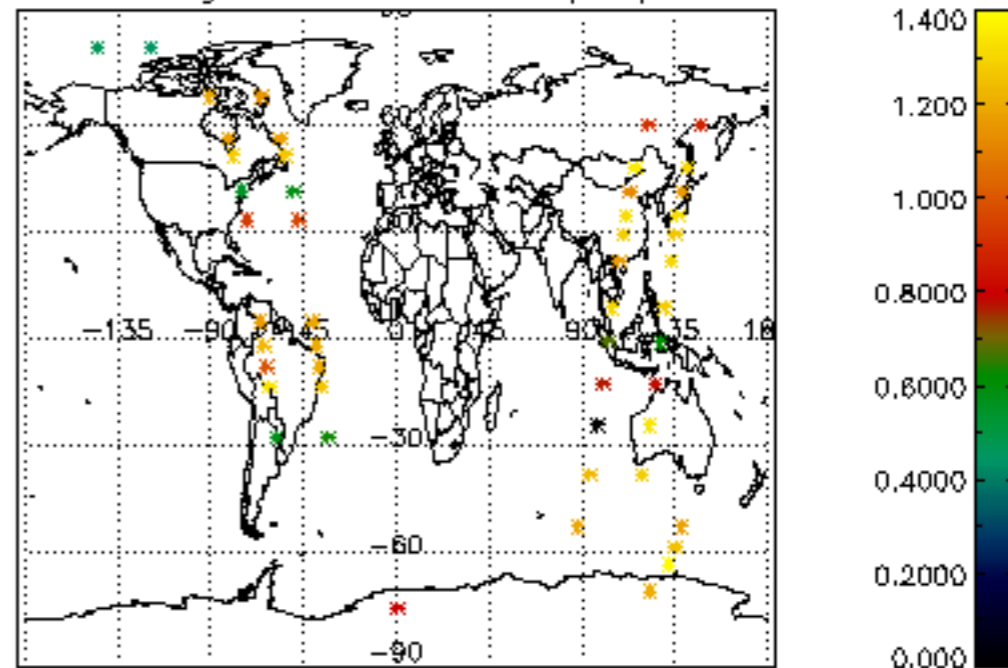




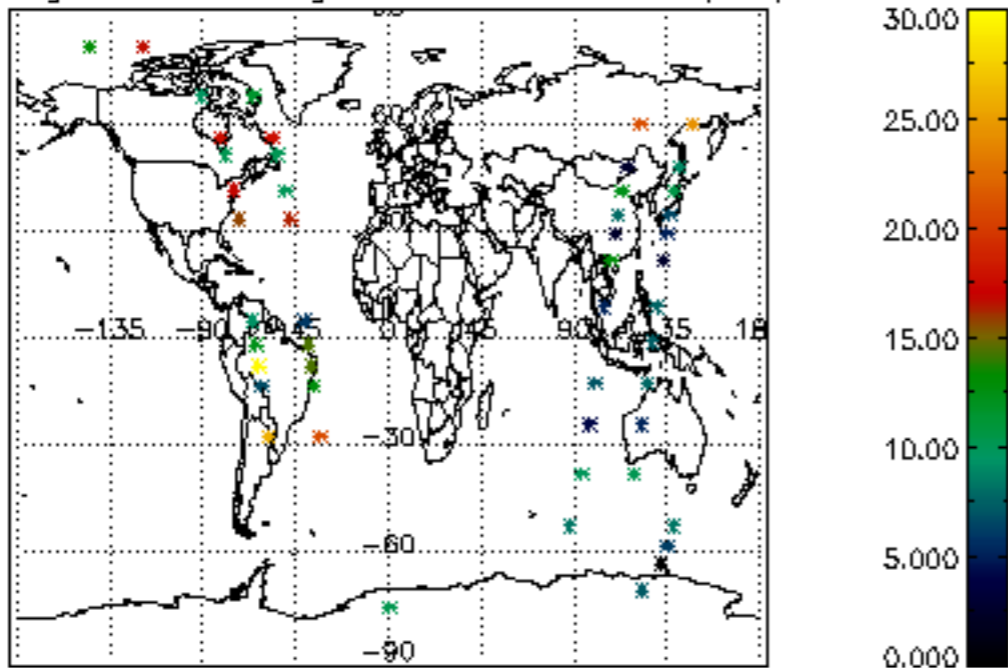
Percentage of cosmic ray hits per profile



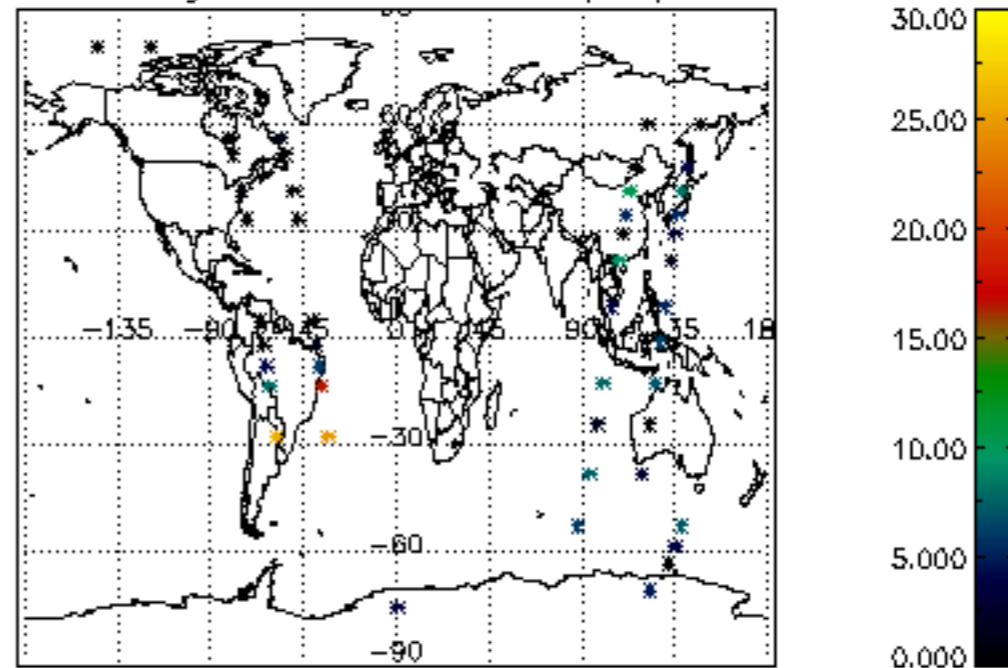
Percentage of datation errors per profile



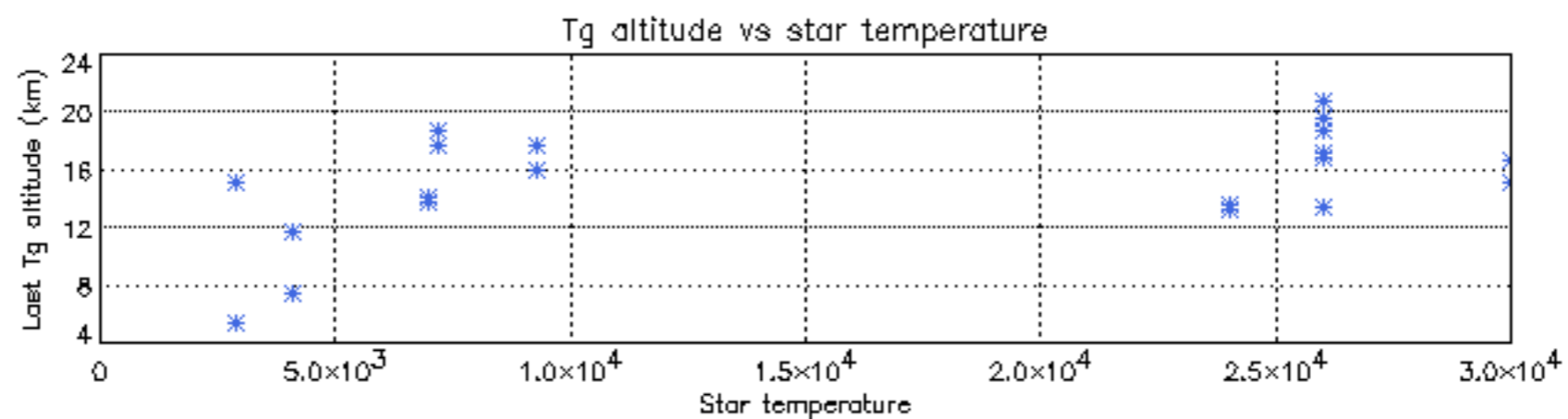
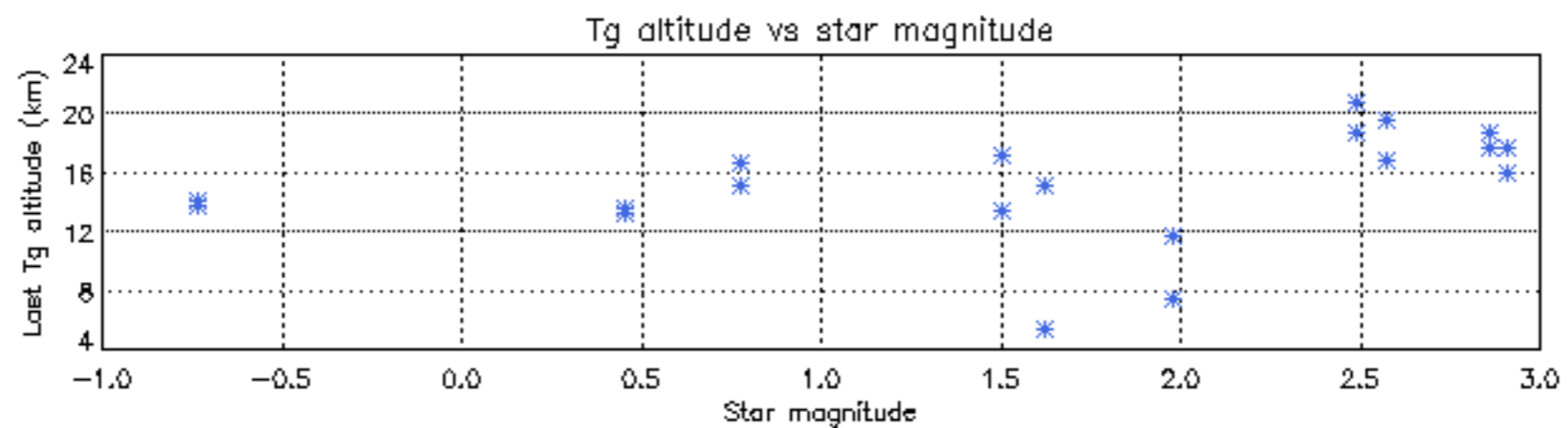
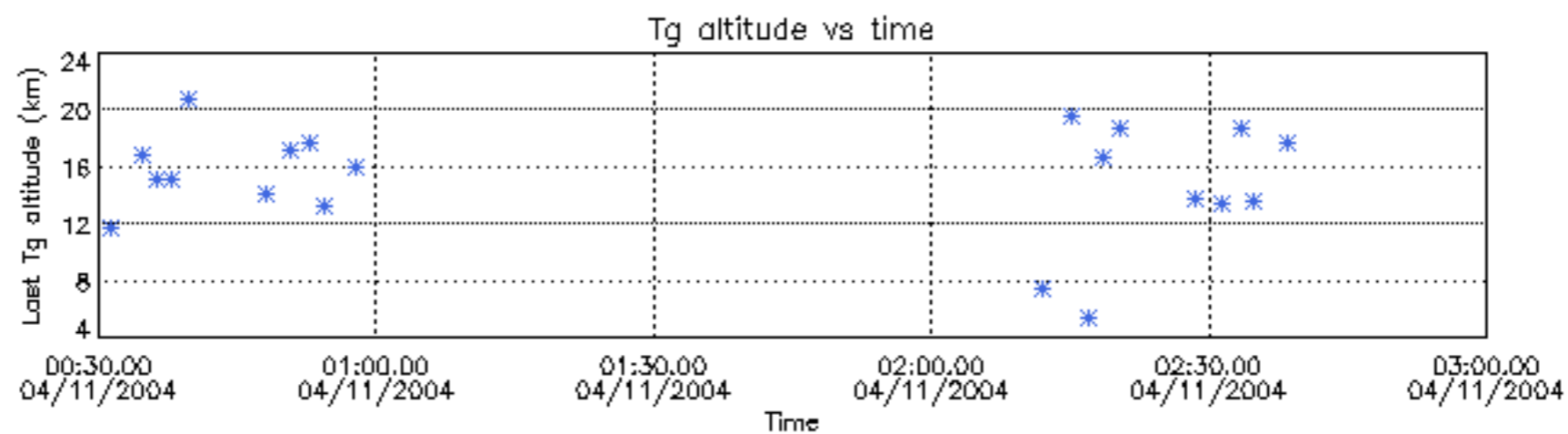
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

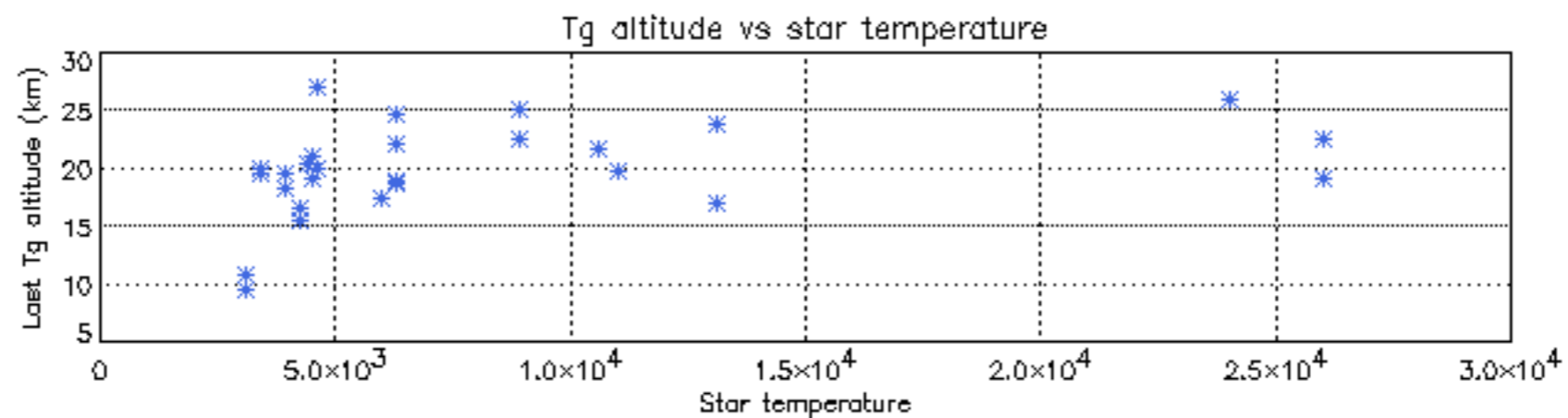
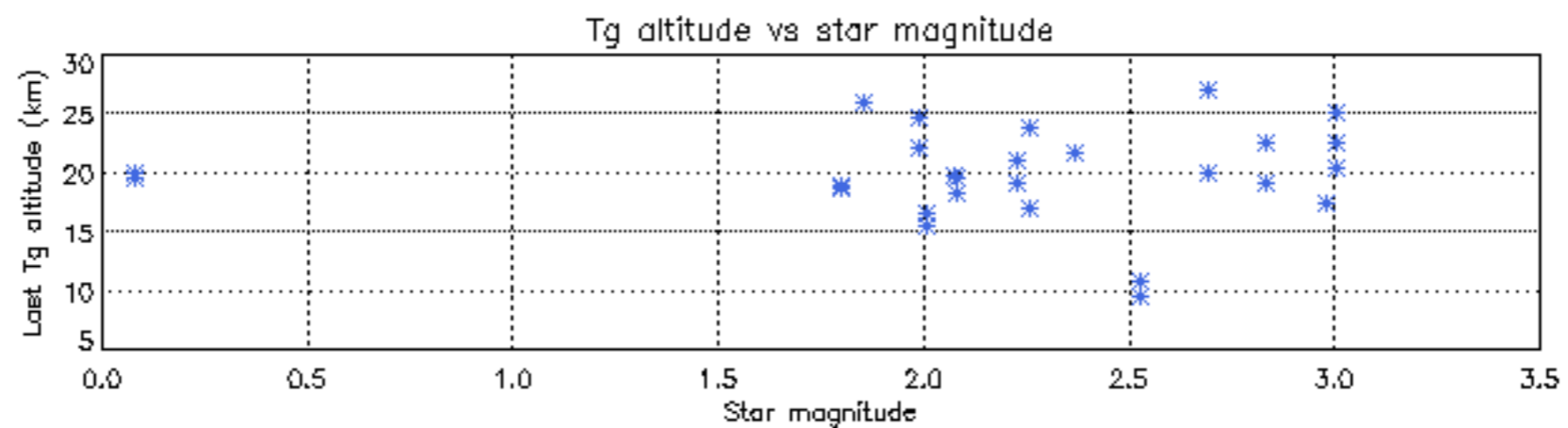
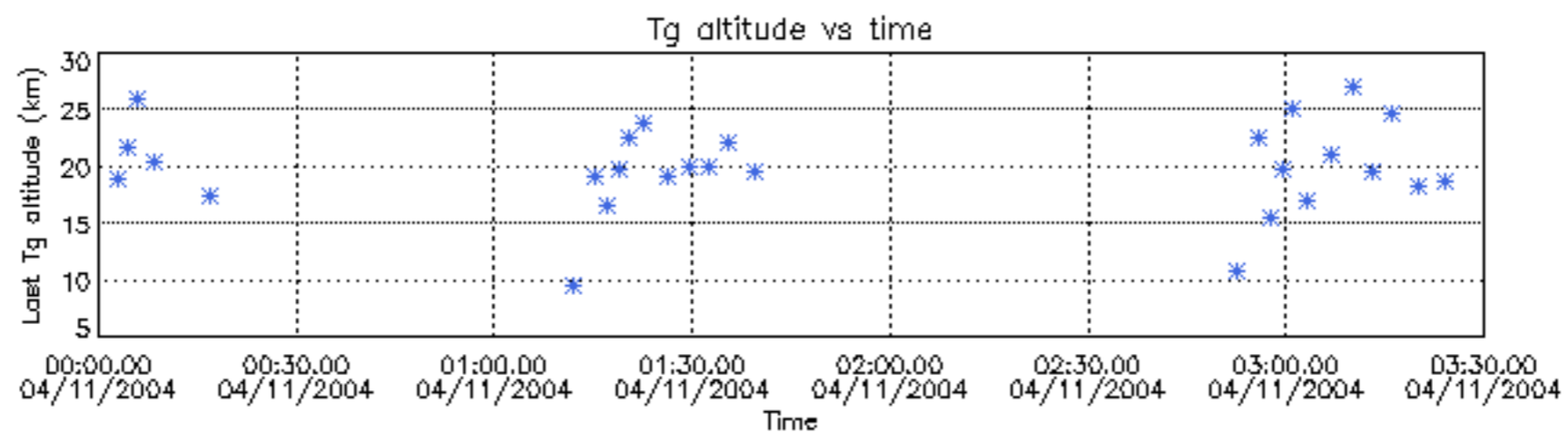


Tangent altitude at which the star is lost

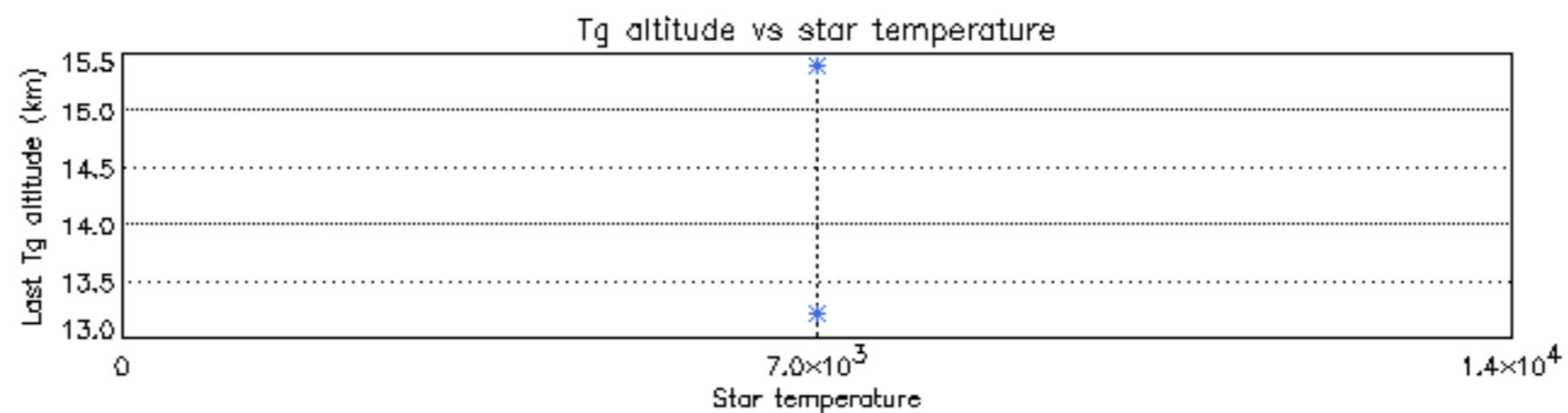
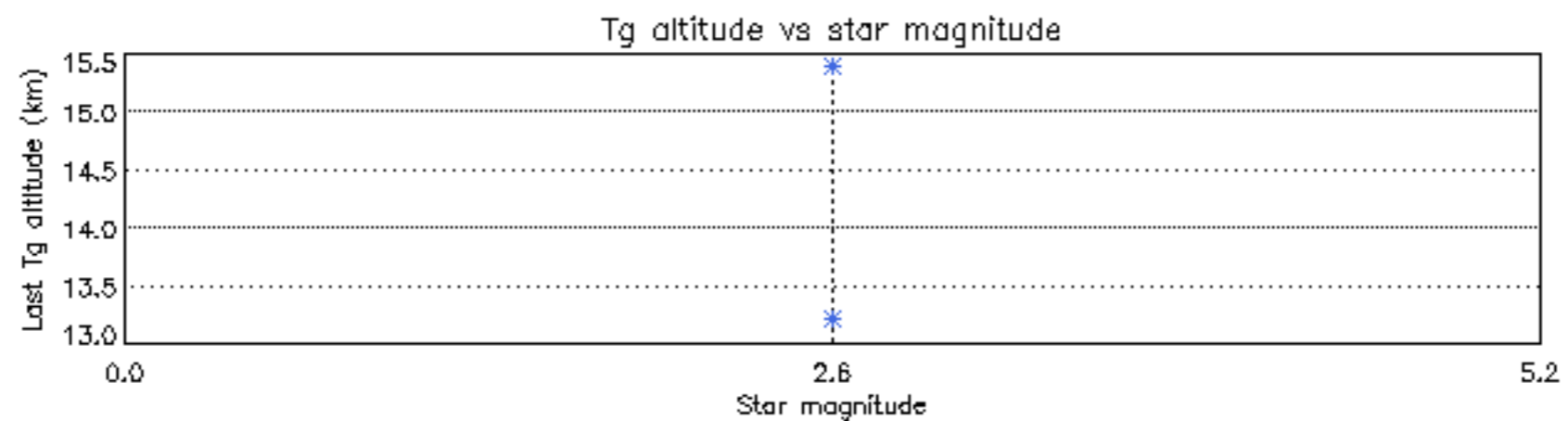
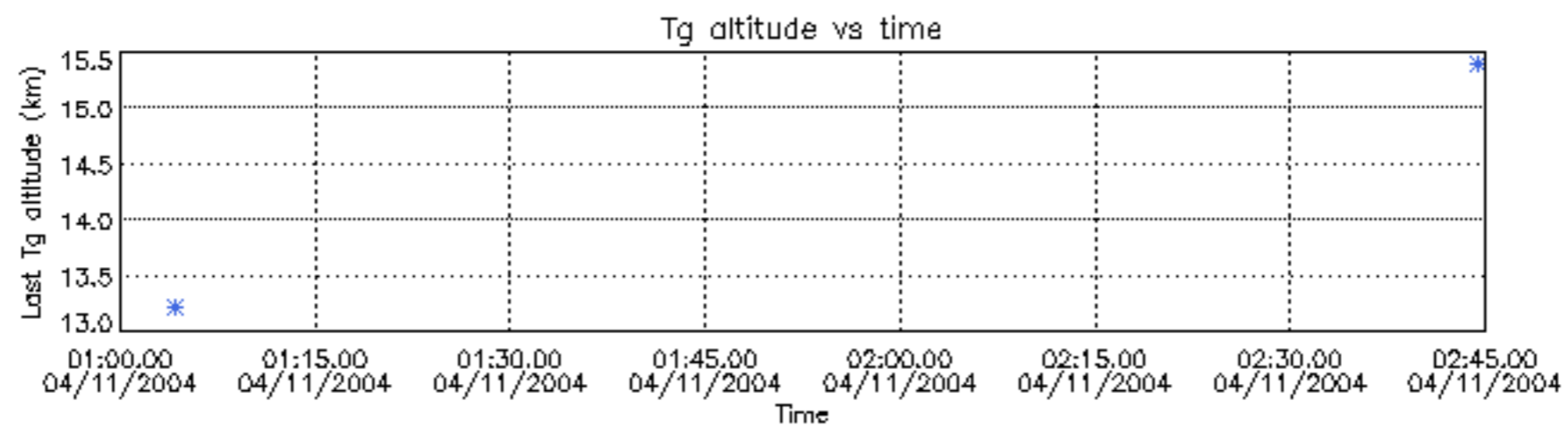




Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



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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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 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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 16; 958.8; 08-NOV-2004 07:10:17; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;14074  
 17; 1172.6; 08-NOV-2004 07:13:50; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;14074  
 18; 1479.7; 08-NOV-2004 07:18:57; Dark ; 91.5; 101; 11Alp Lep ; 2.58; 7000;occ; 183; 0;14074  
 19; 1633.6; 08-NOV-2004 07:21:31; Dark ; 62.0; 165; 34Gam Eri ; 2.95; 3200;occ; 124; 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  
 21; 239.1; 08-NOV-2004 08:38:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14075  
 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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16;-352.0; 08-NOV-2004 11:50:13; Dark ; 96.5; 48; 30Alp Hya ; 1.98; 4100;occ; 193; 0;14076
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6; 1633.0; 08-NOV-2004 22:26:54; Dark ; 58.5; 165; 34Gam Eri ; 2.95; 3200;occ; 117; 0;14083
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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

/nas1/ENVISAT/GOMOS/from\_DDS/GOM\_NL\_\_0PNPDE20041113\_193742\_000041422032\_00071\_14153\_1101.N1

(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  
 20; 2719.2; 13-NOV-2004 23:28:06; Bright; 44.0; 149; 45Eps Per ; 2.89; 30000;occ; 88; 0;14155  
 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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 3; -4060.6; 13-NOV-2004 14:52:42; Dark ; 55.0; 94; 92Alp Cet ; 2.53; 3100;occ; 110; 0;14150  
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 5; -3626.5; 13-NOV-2004 14:59:57; Bright; 47.0; 146; 25Eta Tau ; 2.87; 15200;occ; 94; 0;14150  
 6; -3511.9; 13-NOV-2004 15:01:51; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;14150  
 7; -3408.1; 13-NOV-2004 15:03:35; Bright; 39.5; 73; 57Gam1And ; 2.26; 13100;occ; 79; 0;14150  
 8; -3313.5; 13-NOV-2004 15:05:09; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;14150  
 9; -3211.8; 13-NOV-2004 15:06:51; Bright; 40.0; 35; 33Alp Per ; 1.79; 6250;occ; 80; 0;14150

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13;-2616.4; 13-NOV-2004 15:16:47; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;14150
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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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20;-1711.4; 13-NOV-2004 15:31:52; Bright; 37.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 74; 0;14150
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22;-1216.1; 13-NOV-2004 15:40:07; Bright; 90.5; 166; 17Eps Leo ; 2.98; 6000;occ; 181; 0;14150
23;-936.5; 13-NOV-2004 15:44:46; Dark ; 84.5; 22; 32Alp Leo ; 1.36; 15200;occ; 169; 0;14150
24;-723.6; 13-NOV-2004 15:48:19; Dark ; 41.5; 100; 4Gam Crv ; 2.58; 13100;occ; 83; 0;14150
25;-633.0; 13-NOV-2004 15:49:50; Dark ; 44.0; 171; 2Eps Crv ; 3.00; 4250;occ; 88; 0;14150
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
35; 1192.7; 13-NOV-2004 16:20:16; Dark ; 26.5; 157; The1Eri ; 2.91; 9300;occ; 53; 0;14151
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21;-1712.2; 13-NOV-2004 17:12:27; Bright; 38.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 76; 0;14151
22;-1409.9; 13-NOV-2004 17:17:29; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;14151
23;-1215.6; 13-NOV-2004 17:20:43; Bright; 89.0; 166; 17Eps Leo ; 2.98; 6000;occ; 178; 0;14151
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26;-632.6; 13-NOV-2004 17:30:26; Dark ; 41.5; 171; 2Eps Crv ; 3.00; 4250;occ; 83; 0;14151
27;-253.1; 13-NOV-2004 17:36:46; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;14151
28;-114.1; 13-NOV-2004 17:39:05; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14151
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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3;-4843.2; 13-NOV-2004 18:00:52; Dark ; 42.5; 157; The1Eri ; 2.91; 9300;occ; 85; 0;14152
4;-4544.1; 13-NOV-2004 18:05:51; Dark ; 213.0; 1; 9Alp CMA ; -1.44; 11000;occ; 426; 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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7;-3775.2; 13-NOV-2004 18:18:40; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14152  
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11;-3315.9; 13-NOV-2004 18:26:19; Bright; 45.0; 149; 45Eps Per ; 2.89; 30000;occ; 90; 0;14152  
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13;-3107.9; 13-NOV-2004 18:29:47; Bright; 37.5; 110; 37Del Cas ; 2.68; 8900;occ; 75; 0;14152  
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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17;-2357.7; 13-NOV-2004 18:42:17; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;14152  
18;-2249.5; 13-NOV-2004 18:44:06; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;14152  
19;-2152.8; 13-NOV-2004 18:45:42; Bright; 44.0; 36; 50Alp UMA ; 1.80; 6300;occ; 88; 0;14152  
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21;-1921.0; 13-NOV-2004 18:49:34; Bright; 38.5; 39; 85Eta UMA ; 1.85; 24000;occ; 77; 0;14152  
22;-1813.8; 13-NOV-2004 18:51:21; Bright; 44.5; 174; 52Psi UMA ; 3.00; 4400;occ; 89; 0;14152  
23;-1712.3; 13-NOV-2004 18:53:03; Bright; 37.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 75; 0;14152  
24;-1410.5; 13-NOV-2004 18:58:05; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;14152  
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  
27; -723.4; 13-NOV-2004 19:09:32; Dark ; 46.0; 100; 4Gam Crv ; 2.58; 13100;occ; 92; 0;14152  
28; -634.6; 13-NOV-2004 19:11:00; Dark ; 49.0; 171; 2Eps Crv ; 3.00; 4250;occ; 98; 0;14152  
29; -252.3; 13-NOV-2004 19:17:23; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;14152  
30; -114.2; 13-NOV-2004 19:19:41; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14152  
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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3; -250.1; 14-NOV-2004 01:59:49; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 1;14156  
4; -113.1; 14-NOV-2004 02:02:06; Dark ; 43.5; 26; Gam Cru ; 1.62; 2900;occ; 87; 0;14156  
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  
10; 773.4; 14-NOV-2004 02:16:52; Dark ; 80.0; 88; 31Eta CMA ; 2.45; 20000;occ; 160; 2;14157  
11; 968.5; 14-NOV-2004 02:20:07; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;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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16; 1801.7; 14-NOV-2004 02:34:00; Dark ; 104.0; 7; 19Bet Ori ; 0.10; 14000;occ; 208; 1;14157  
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18; 2262.2; 14-NOV-2004 02:41:41; Bright; 37.5; 105; 6Bet Ari ; 2.64; 8900;occ; 75; 1;14157  
19; 2627.7; 14-NOV-2004 02:47:46; Bright; 39.0; 73; 57Gam1And ; 2.26; 13100;occ; 78; 0;14157  
20; 2718.6; 14-NOV-2004 02:49:17; Bright; 44.5; 149; 45Eps Per ; 2.89; 30000;occ; 89; 1;14157  
21; 2821.2; 14-NOV-2004 02:51:00; Bright; 41.0; 35; 33Alp Per ; 1.79; 6250;occ; 82; 2;14157  
22; 2929.1; 14-NOV-2004 02:52:48; Bright; 35.5; 110; 37Del Cas ; 2.68; 8900;occ; 71; 0;14157  
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24; 3242.4; 14-NOV-2004 02:58:01; Bright; 60.5; 42; 34Bet Aur ; 1.90; 10200;occ; 121; 0;14157  
25; 3421.3; 14-NOV-2004 03:01:00; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;14157

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3;-2151.7; 14-NOV-2004 03:08:43; Bright; 42.5; 36; 50Alp UMA ; 1.80; 6300;occ; 85; 0;14157  
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  
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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)

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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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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
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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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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
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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
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26;-627.6; 14-NOV-2004 10:16:31; Dark ; 44.5; 171; 2Eps Crv ; 3.00; 4250;occ; 89; 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
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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
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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
7;-3409.5; 14-NOV-2004 11:10:45; Bright; 38.0; 73; 57Gam1And ; 2.26; 13100;occ; 76; 0;14162
8;-3321.1; 14-NOV-2004 11:12:13; Bright; 43.5; 149; 45Eps Per ; 2.89; 30000;occ; 87; 0;14162
9;-3216.6; 14-NOV-2004 11:13:58; Bright; 43.0; 35; 33Alp Per ; 1.79; 6250;occ; 86; 0;14162
10;-3107.2; 14-NOV-2004 11:15:47; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;14162
11;-2987.8; 14-NOV-2004 11:17:47; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;14162
12;-2800.5; 14-NOV-2004 11:20:54; Bright; 61.0; 42; 34Bet Aur ; 1.90; 10200;occ; 122; 0;14162
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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17;-2054.7; 14-NOV-2004 11:33:20; Bright; 41.5; 82; 48Bet UMa ; 2.37; 10600;occ; 83; 0;14162
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
20;-1709.8; 14-NOV-2004 11:39:05; Bright; 36.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 73; 0;14162
21;-1432.5; 14-NOV-2004 11:43:42; Bright; 34.0; 3; 16Alp Boo ;-0.05; 4250;occ; 68; 0;14162
22;-1205.2; 14-NOV-2004 11:47:29; Bright; 93.0; 166; 17Eps Leo ; 2.98; 6000;occ; 186; 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
28;-112.4; 14-NOV-2004 12:05:42; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14162
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31; 209.6; 14-NOV-2004 12:11:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14163
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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34; 666.3; 14-NOV-2004 12:18:41; Dark ; 61.0; 2; Alp Car ;-0.74; 7000;occ; 122; 0;14163
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
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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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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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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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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12;-2803.6; 14-NOV-2004 14:42:03; Bright; 64.0; 42; 34Bet Aur ; 1.90; 10200;occ; 128; 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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 4;-4838.8; 14-NOV-2004 20:50:31; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;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  
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 28;-1017.1; 14-NOV-2004 21:54:13; Bright; 36.5; 121; 29Gam Vir ; 2.74; 7200;occ; 73; 0;14168  
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33; 212.1; 14-NOV-2004 17:12:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14166
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35; 443.9; 14-NOV-2004 17:16:46; Dark ; 57.0; 70; Zet Pup ; 2.25; 39000;occ; 114; 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
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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
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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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7;-4238.8; 14-NOV-2004 19:19:55; Dark ; 97.5; 7; 19Bet Ori ; 0.10; 14000;occ; 195; 0;14167  
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32;-249.1; 14-NOV-2004 20:26:25; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;14167  
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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  
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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  
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9;-908.3; 15-NOV-2004 02:57:50; Dark ; 90.0; 22; 32Alp Leo ; 1.36; 15200;occ; 180; 1;14171  
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17; 524.0; 15-NOV-2004 03:21:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14172  
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22; 1198.9; 15-NOV-2004 03:32:57; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14172  
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 22; 1198.7; 15-NOV-2004 05:13:32; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14173  
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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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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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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  
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13;-2228.0; 18-NOV-2004 07:43:23; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;14217  
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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!

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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
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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
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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
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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
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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
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7;-3410.2; 18-NOV-2004 12:25:28; Bright; 36.0; 73; 57Gam1And ; 2.26; 13100;occ; 72; 0;14220
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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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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
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19;-1424.6; 18-NOV-2004 12:58:34; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14220
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23; -627.4; 18-NOV-2004 13:11:51; Dark ; 41.5; 106; 9Bet Crv ; 2.65; 5600;occ; 83; 0;14220
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27; 127.4; 18-NOV-2004 13:24:26; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14221
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34; 1206.6; 18-NOV-2004 13:42:25; Dark ; 42.5; 157; The1Eri ; 2.91; 9300;occ; 85; 0;14221
35; 1505.0; 18-NOV-2004 13:47:23; Dark ; 63.5; 1; 9Alp CMA ; -1.44; 11000;occ; 127; 0;14221
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29; 561.6; 21-NOV-2004 13:37:25; Dark ; 58.5; 70; Zet Pup ; 2.25; 39000;occ; 117; 0;14264
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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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 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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 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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17; 470.3; 29-NOV-2004 06:01:46; Dark ; 48.0; 41; Eps Car ; 1.86; 4100;occ; 96; 0;14374
18; 584.2; 29-NOV-2004 06:03:40; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;14374
19; 684.0; 29-NOV-2004 06:05:20; Dark ; 58.0; 70; Zet Pup ; 2.25; 39000;occ; 116; 0;14374
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21; 896.6; 29-NOV-2004 06:08:52; Dark ; 67.0; 117; Pi Pup ; 2.71; 3800;occ; 134; 0;14374
22; 1129.5; 29-NOV-2004 06:12:45; Dark ; 72.0; 23; 21Eps CMA ; 1.50; 26000;occ; 144; 0;14374
23; 1258.8; 29-NOV-2004 06:14:55; Dark ; 81.0; 179; 240mi2CMA ; 3.03; 24000;occ; 162; 0;14374
24; 1526.4; 29-NOV-2004 06:19:22; Dark ; 114.0; 1; 9Alp CMA ;-1.44; 11000;occ; 228; 0;14374
25; 1751.9; 29-NOV-2004 06:23:08; Dark ; 62.5; 7; 19Bet Ori ; 0.10; 14000;occ; 125; 0;14374
26; 1941.3; 29-NOV-2004 06:26:17; Dark ; 69.5; 30; 46Eps Ori ; 1.69; 30000;occ; 139; 0;14374
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28; 2238.4; 29-NOV-2004 06:31:14; Bright; 60.5; 13; 87Alp Tau ; 0.87; 3800;occ; 121; 0;14374
29; 2330.3; 29-NOV-2004 06:32:46; Bright; 42.0; 146; 25Eta Tau ; 2.87; 15200;occ; 84; 0;14374
30; 2473.4; 29-NOV-2004 06:35:09; Bright; 41.5; 150; 44Zet Per ; 2.89; 28000;occ; 83; 0;14374
31; 2604.6; 29-NOV-2004 06:37:20; Bright; 38.5; 79; 26Bet Per ; 2.31; 13100;occ; 77; 0;14374
32; 2740.8; 29-NOV-2004 06:39:37; Bright; 38.5; 175; 39Del Per ; 3.01; 19400;occ; 77; 0;14374
33; 2817.9; 29-NOV-2004 06:40:54; Bright; 38.5; 160; 23Gam Per ; 2.93; 4700;occ; 77; 0;14374
34; 2952.3; 29-NOV-2004 06:43:08; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;14374
35; 3419.0; 29-NOV-2004 06:50:55; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;14374
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4;-1997.6; 29-NOV-2004 07:01:14; Bright; 39.0; 55; 79Zet UMa ; 2.06; 10200;occ; 78; 0;14374
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7;-1547.5; 29-NOV-2004 07:08:44; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;14374
8;-1396.3; 29-NOV-2004 07:11:15; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;14374
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11;-551.0; 29-NOV-2004 07:25:21; Dark ; 48.5; 106; 9Bet Crv ; 2.65; 5600;occ; 97; 0;14374
12;-423.8; 29-NOV-2004 07:27:28; Dark ; 42.0; 123; Iot Cen ; 2.75; 10200;occ; 84; 0;14374
13;-177.2; 29-NOV-2004 07:31:35; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0;14374
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17; 471.2; 29-NOV-2004 07:42:23; Dark ; 44.0; 41; Eps Car ; 1.86; 4100;occ; 88; 0;14375
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19; 794.8; 29-NOV-2004 07:47:47; Dark ; 58.0; 2; Alp Car ;-0.74; 7000;occ; 116; 0;14375
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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
22; 1259.2; 29-NOV-2004 07:55:31; Dark ; 79.0; 179; 240mi2CMA ; 3.03; 24000;occ; 158; 0;14375
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8;-3431.4; 29-NOV-2004 08:17:56; Bright; 38.5; 79; 26Bet Per ; 2.31; 13100;occ; 77; 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
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 18;-1547.0; 29-NOV-2004 08:49:21; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 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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 26; 288.3; 29-NOV-2004 09:19:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14376  
 27; 471.9; 29-NOV-2004 09:23:00; Dark ; 52.5; 41; Eps Car ; 1.86; 4100;occ; 105; 0;14376  
 28; 585.5; 29-NOV-2004 09:24:53; Dark ; 51.0; 34; Gam2Vel ; 1.79; 23000;occ; 102; 0;14376  
 29; 794.9; 29-NOV-2004 09:28:23; Dark ; 50.5; 2; Alp Car ;-0.74; 7000;occ; 101; 0;14376  
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 31; 1129.2; 29-NOV-2004 09:33:57; Dark ; 77.0; 23; 21Eps CMa ; 1.50; 26000;occ; 154; 0;14376  
 32; 1261.7; 29-NOV-2004 09:36:09; Dark ; 74.5; 179; 240mi2CMa ; 3.03; 24000;occ; 149; 0;14376  
 33; 1526.6; 29-NOV-2004 09:40:34; Dark ; 103.5; 1; 9Alp CMa ;-1.44; 11000;occ; 207; 0;14376  
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 13;-2209.4; 29-NOV-2004 10:18:54; Bright; 46.5; 36; 50Alp UMa ; 1.80; 6300;occ; 93; 0;14376  
 14;-2113.5; 29-NOV-2004 10:20:30; Bright; 45.5; 82; 48Bet UMa ; 2.37; 10600;occ; 91; 0;14376  
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 17;-1728.2; 29-NOV-2004 10:26:55; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;14376  
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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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 22; -497.3; 29-NOV-2004 10:47:26; Dark ; 51.0; 171; 2Eps Crv ; 3.00; 4250;occ; 102; 0;14376  
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 25; 34.2; 29-NOV-2004 10:56:18; Dark ; 40.5; 12; Alp1Cru ; 0.77; 30000;occ; 81; 0;14377  
 26; 291.2; 29-NOV-2004 11:00:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14377  
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 31; 1131.6; 29-NOV-2004 11:14:35; Dark ; 74.0; 23; 21Eps CMa ; 1.50; 26000;occ; 148; 0;14377  
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22; -874.8; 29-NOV-2004 12:21:45; Dark ; 248.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 496; 0;14377
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32; 1130.7; 29-NOV-2004 12:55:10; Dark ; 71.5; 23; 21Eps CMa ; 1.50; 26000;occ; 143; 0;14378
33; 1263.4; 29-NOV-2004 12:57:23; Dark ; 77.5; 179; 240mi2CMa ; 3.03; 24000;occ; 155; 0;14378
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