

# GOMOS Daily Report 29-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	03DEC2004 13:45:08

Data source version	GOMOS/4.02
Start time of products	(29NOV2004 00:37:12)
Stop time of products	(29NOV2004 23:17:10)
Store outputs in DB	No
Nb of level 1b prods	108
Nb of prods with errors	3

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

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

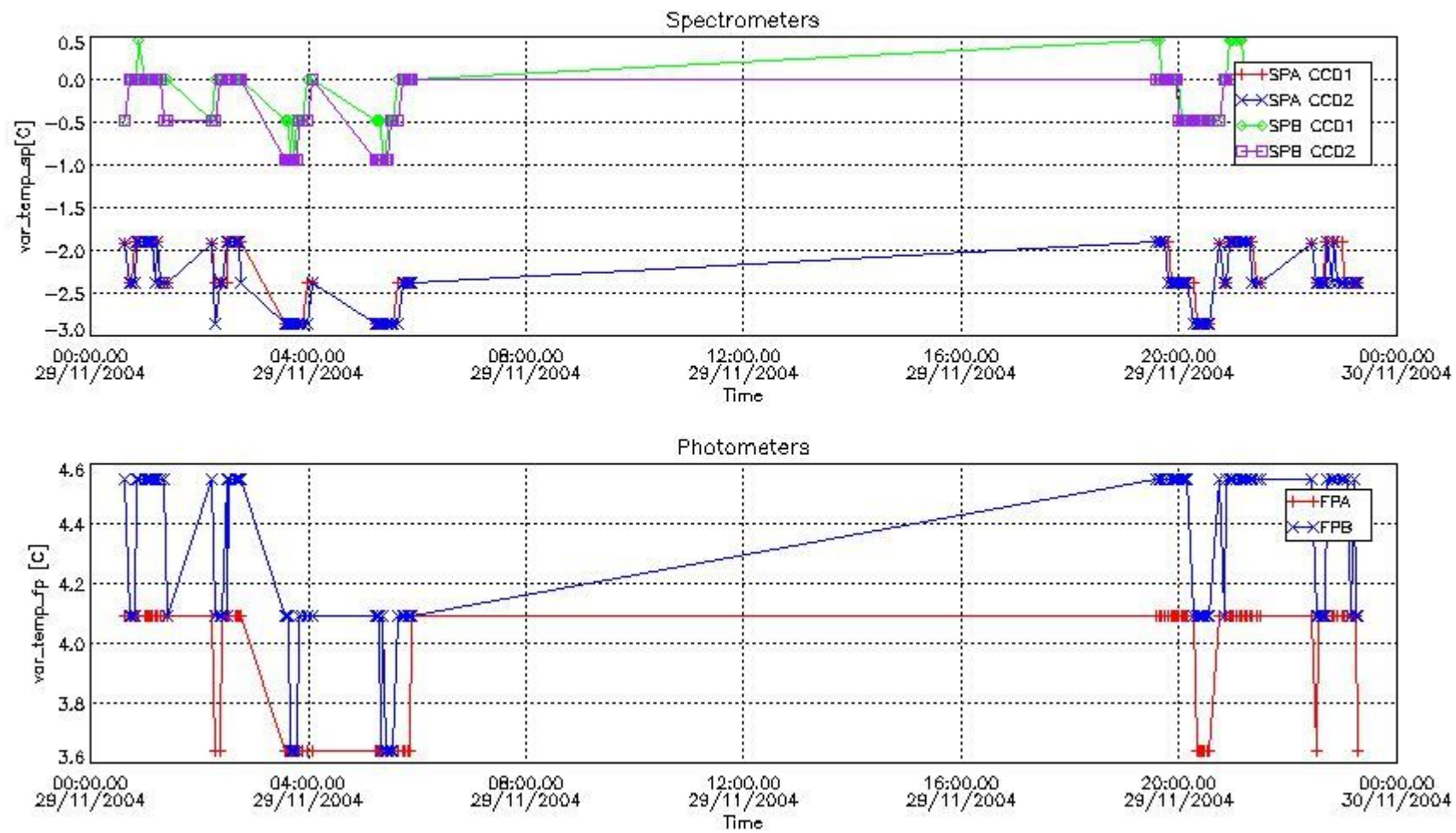
### 2.2 Summary of processed GOM\_TRA\_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20041129_003712_000002152032_00288_14370_0000.N1	29-NOV-2004 00:37:12	Twilight	215.00	51	41Gam1Leo	2.0100	4500.0	430	14370	Yes
2	GOM_TRA_1PNPDE20041129_004257_000000492032_00288_14370_0001.N1	29-NOV-2004 00:42:57	Twilight	48.500	106	9Bet Crv	2.6480	5600.0	97	14370	No
3	GOM_TRA_1PNPDE20041129_004503_000000402032_00288_14370_0002.N1	29-NOV-2004 00:45:03	Twilight	40.000	123	Iot Cen	2.7500	10200.	80	14370	No
4	GOM_TRA_1PNPDE20041129_004910_000000412032_00288_14370_0003.N1	29-NOV-2004 00:49:10	Dark	40.500	77	Eps Cen	2.3030	28000.	81	14370	No
5	GOM_TRA_1PNPDE20041129_005050_000000432032_00288_14370_0004.N1	29-NOV-2004 00:50:50	Dark	42.500	10	Bet Cen	0.61000	28000.	85	14370	No
6	GOM_TRA_1PNPDE20041129_005240_000000442032_00289_14371_0005.N1	29-NOV-2004 00:52:40	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	14371	No
7	GOM_TRA_1PNPDE20041129_005956_000000502032_00289_14371_0006.N1	29-NOV-2004 00:59:56	Dark	50.000	41	Eps Car	1.8600	4100.0	100	14371	No
8	GOM_TRA_1PNPDE20041129_010150_000000502032_00289_14371_0007.N1	29-NOV-2004 01:01:50	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	14371	No
9	GOM_TRA_1PNPDE20041129_010331_000000602032_00289_14371_0008.N1	29-NOV-2004 01:03:31	Dark	59.500	70	Zet Pup	2.2460	39000.	119	14371	No
10	GOM_TRA_1PNPDE20041129_010518_000000522032_00289_14371_0009.N1	29-NOV-2004 01:05:18	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	14371	No
11	GOM_TRA_1PNPDE20041129_010704_000000622032_00289_14371_0010.N1	29-NOV-2004 01:07:04	Dark	61.500	117	Pi Pup	2.7060	3800.0	123	14371	No
12	GOM_TRA_1PNPDE20041129_011056_000000692032_00289_14371_0011.N1	29-NOV-2004 01:10:56	Dark	69.000	23	21Eps CMa	1.5020	26000.	138	14371	No
13	GOM_TRA_1PNPDE20041129_011307_000000742032_00289_14371_0012.N1	29-NOV-2004 01:13:07	Dark	74.000	179	24Omi2CMa	3.0320	24000.	148	14371	No
14	GOM_TRA_1PNPDE20041129_011734_000001012032_00289_14371_0013.N1	29-NOV-2004 01:17:34	Twilight	101.00	1	9Alp CMa	-1.4400	11000.	202	14371	No
15	GOM_TRA_1PNPDE20041129_012120_000000642032_00289_14371_0014.N1	29-NOV-2004 01:21:20	Bright	64.000	7	19Bet Ori	0.10000	14000.	128	14371	No
16	GOM_TRA_1PNPDE20041129_012430_000000702032_00289_14371_0015.N1	29-NOV-2004 01:24:30	Bright	69.500	30	46Eps Ori	1.6940	30000.	139	14371	No
17	GOM_TRA_1PNPDE20041129_021251_000000702032_00289_14371_0000.N1	29-NOV-2004 02:12:51	Bright	69.500	96	68Del Leo	2.5600	9300.0	139	14371	Yes
18	GOM_TRA_1PNPDE20041129_021751_000002222032_00289_14371_0001.N1	29-NOV-2004 02:17:51	Twilight	222.00	51	41Gam1Leo	2.0100	4500.0	444	14371	No
19	GOM_TRA_1PNPDE20041129_022331_000000502032_00289_14371_0002.N1	29-NOV-2004 02:23:31	Twilight	49.500	106	9Bet Crv	2.6480	5600.0	99	14371	No
20	GOM_TRA_1PNPDE20041129_022540_000000422032_00289_14371_0003.N1	29-NOV-2004 02:25:40	Twilight	42.000	123	Iot Cen	2.7500	10200.	84	14371	No
21	GOM_TRA_1PNPDE20041129_022946_000000392032_00289_14371_0004.N1	29-NOV-2004 02:29:46	Dark	39.000	77	Eps Cen	2.3030	28000.	78	14371	No
22	GOM_TRA_1PNPDE20041129_023126_000000472032_00289_14371_0005.N1	29-NOV-2004 02:31:26	Dark	47.000	10	Bet Cen	0.61000	28000.	94	14371	No
23	GOM_TRA_1PNPDE20041129_023315_000000432032_00290_14372_0006.N1	29-NOV-2004 02:33:15	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	14372	No
24	GOM_TRA_1PNPDE20041129_024033_000000462032_00290_14372_0007.N1	29-NOV-2004 02:40:33	Dark	46.000	41	Eps Car	1.8600	4100.0	92	14372	No
25	GOM_TRA_1PNPDE20041129_024226_000000532032_00290_14372_0008.N1	29-NOV-2004 02:42:26	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	14372	No
26	GOM_TRA_1PNPDE20041129_024408_000000592032_00290_14372_0009.N1	29-NOV-2004 02:44:08	Dark	59.000	70	Zet Pup	2.2460	39000.	118	14372	No
27	GOM_TRA_1PNPDE20041129_024556_000000522032_00290_14372_0010.N1	29-NOV-2004 02:45:56	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	14372	No
28	GOM_TRA_1PNPDE20041129_033420_000000412032_00290_14372_0000.N1	29-NOV-2004 03:34:20	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	14372	No
29	GOM_TRA_1PNPDE20041129_033631_000000482032_00290_14372_0001.N1	29-NOV-2004 03:36:31	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	14372	No
30	GOM_TRA_1PNPDE20041129_033808_000000462032_00290_14372_0002.N1	29-NOV-2004 03:38:08	Bright	45.500	82	48Bet UMa	2.3650	10600.	91	14372	No
31	GOM_TRA_1PNPDE20041129_034001_000000402032_00290_14372_0003.N1	29-NOV-2004 03:40:01	Bright	40.000	55	79Zet UMa	2.0600	10200.	80	14372	No
32	GOM_TRA_1PNPDE20041129_034140_000000402032_00290_14372_0004.N1	29-NOV-2004 03:41:40	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	14372	No
33	GOM_TRA_1PNPDE20041129_034429_000000392032_00290_14372_0005.N1	29-NOV-2004 03:44:29	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	14372	No
34	GOM_TRA_1PNPDE20041129_034731_000000372032_00290_14372_0006.N1	29-NOV-2004 03:47:31	Bright	37.000	83		2.3780	11000.	74	14372	No
35	GOM_TRA_1PNPDE20041129_035003_000000362032_00290_14372_0007.N1	29-NOV-2004 03:50:03	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	14372	No
36	GOM_TRA_1PNPDE20041129_035328_000000692032_00290_14372_0008.N1	29-NOV-2004 03:53:28	Bright	69.000	96	68Del Leo	2.5600	9300.0	138	14372	No
37	GOM_TRA_1PNPDE20041129_035830_000002552032_00290_14372_0009.N1	29-NOV-2004 03:58:30	Twilight	255.00	51	41Gam1Leo	2.0100	4500.0	510	14372	No
38	GOM_TRA_1PNPDE20041129_040408_000000512032_00290_14372_0010.N1	29-NOV-2004 04:04:08	Twilight	50.500	106	9Bet Crv	2.6480	5600.0	101	14372	No
39	GOM_TRA_1PNPDE20041129_051458_000000412032_00291_14373_0000.N1	29-NOV-2004 05:14:58	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	14373	No
40	GOM_TRA_1PNPDE20041129_051706_000000482032_00291_14373_0001.N1	29-NOV-2004 05:17:06	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	14373	No
41	GOM_TRA_1PNPDE20041129_051843_000000482032_00291_14373_0002.N1	29-NOV-2004 05:18:43	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	14373	No
42	GOM_TRA_1PNPDE20041129_052038_000000392032_00291_14373_0003.N1	29-NOV-2004 05:20:38	Bright	39.000	55	79Zet UMa	2.0600	10200.	78	14373	No
43	GOM_TRA_1PNPDE20041129_052216_000000382032_00291_14373_0004.N1	29-NOV-2004 05:22:16	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	14373	No
44	GOM_TRA_1PNPDE20041129_052507_000000522032_00291_14373_0005.N1	29-NOV-2004 05:25:07	Bright	52.000	180	27Gam Boo	3.0400	8000.0	104	14373	No
45	GOM_TRA_1PNPDE20041129_052807_000000372032_00291_14373_0006.N1	29-NOV-2004 05:28:07	Bright	37.000	83		2.3780	11000.	74	14373	No
46	GOM_TRA_1PNPDE20041129_053039_000000372032_00291_14373_0007.N1	29-NOV-2004 05:30:39	Bright	36.500	3	16Alp Boo	-0.050000	4250.0	73	14373	No



106	GOM_TRA_1PNPDE20041129_231212_000000662032_00302_14384_0015.N1	29-NOV-2004 23:12:12	Bright	66.000	30	46Eps Ori	1.6940	30000.	132	14384	No
107	GOM_TRA_1PNPDE20041129_231455_000000672032_00302_14384_0016.N1	29-NOV-2004 23:14:55	Bright	66.500	27	24Gam Ori	1.6360	26000.	133	14384	No
108	GOM_TRA_1PNPDE20041129_231710_000000582032_00302_14384_0017.N1	29-NOV-2004 23:17:10	Bright	57.500	13	87Alp Tau	0.86700	3800.0	115	14384	No

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



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

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

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

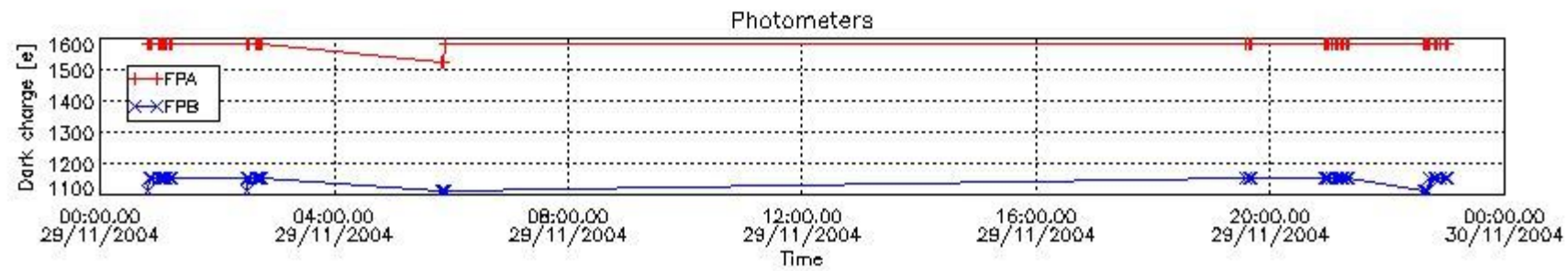
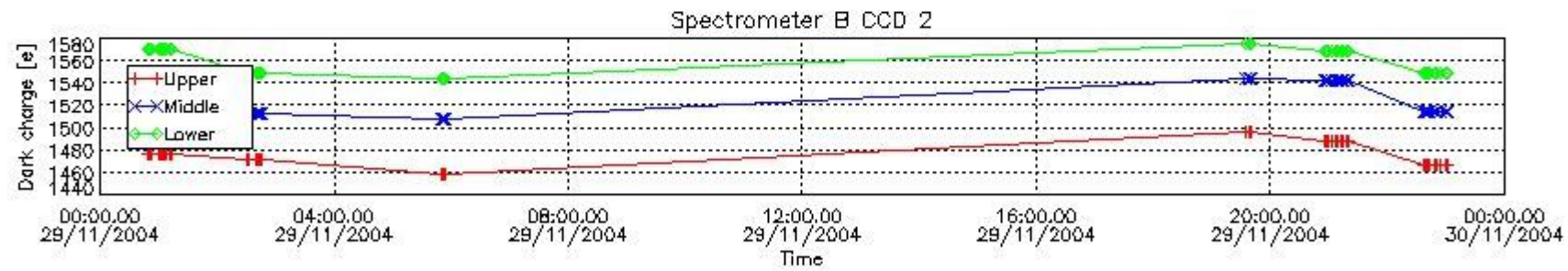
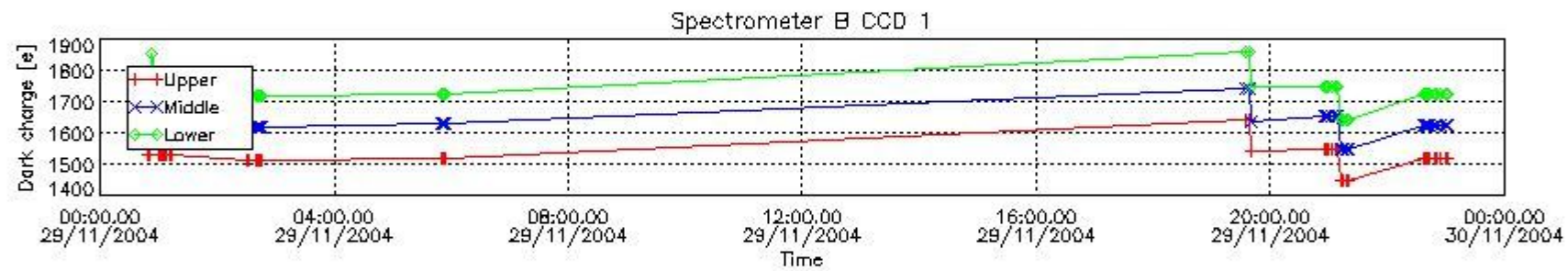
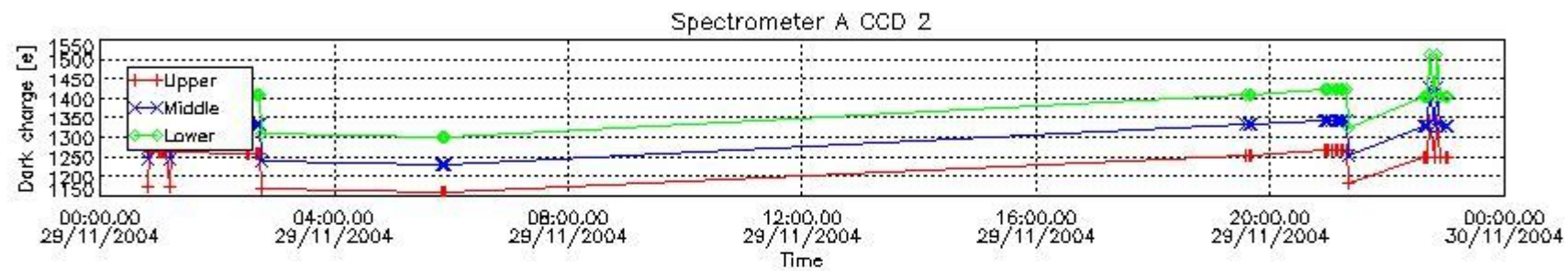
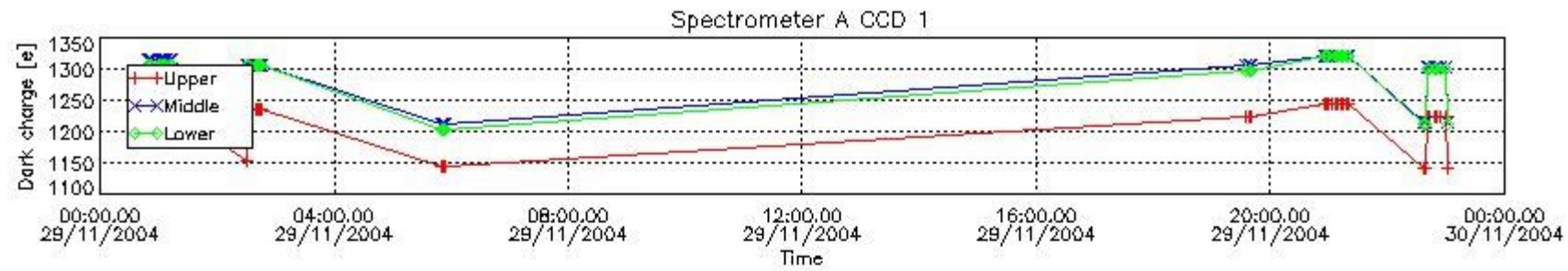
#### 4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDE20041129_193349_000000682032_00300_14382_0000.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_193739_000000732032_00300_14382_0001.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_193949_000000772032_00300_14382_0002.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_194410_000001072032_00300_14382_0003.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_194753_000000652032_00300_14382_0004.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_195100_000000682032_00300_14382_0005.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_195343_000000642032_00300_14382_0006.N1	DC map used (0)



GOM_TRA_1PNPDE20041129_195558_000000562032_00300_14382_0007.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_195733_000000392032_00300_14382_0008.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_195956_000000402032_00300_14382_0009.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_200208_000000372032_00300_14382_0010.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_200422_000000392032_00300_14382_0011.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_200540_000000382032_00300_14382_0012.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_200757_000000402032_00300_14382_0013.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_201543_000000382032_00300_14382_0014.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_202023_000000392032_00300_14382_0015.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_202227_000000472032_00300_14382_0016.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_202401_000000522032_00300_14382_0017.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_202537_000000412032_00300_14382_0018.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_202739_000000392032_00300_14382_0019.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_203033_000000372032_00300_14382_0020.N1	DC map used (0)
GOM_TRA_1PNPDE20041129_203334_000000362032_00300_14382_0021.N1	DC map used (0)

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



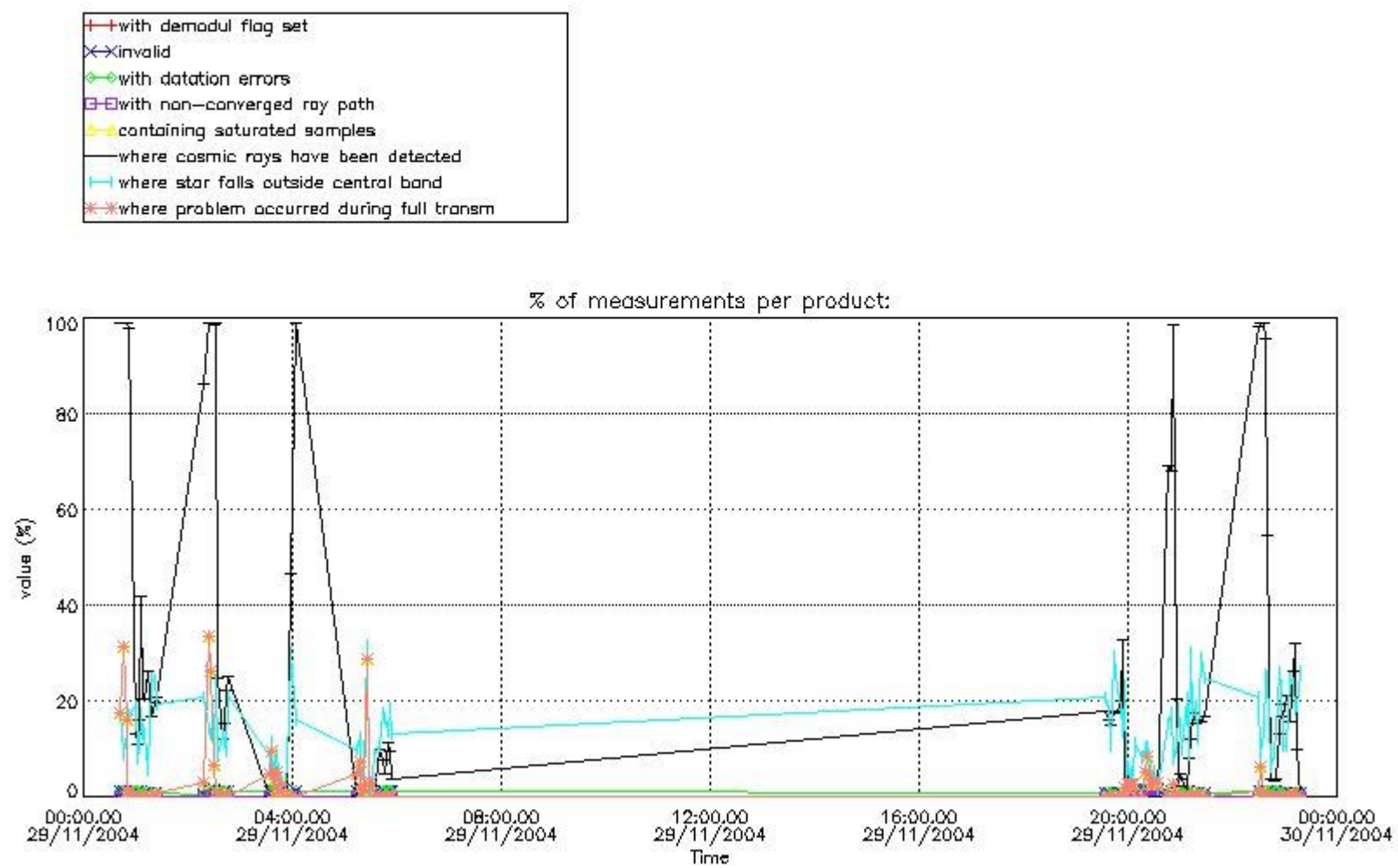
## 5. Demodulation flag and quality information monitoring

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

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

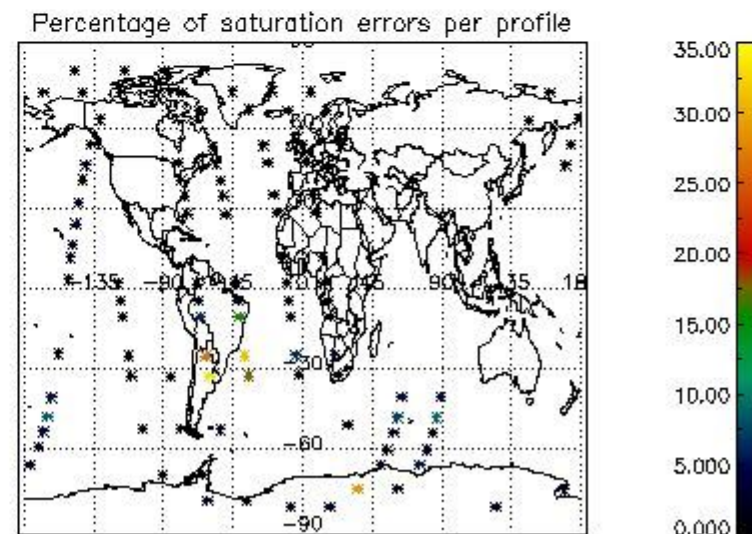
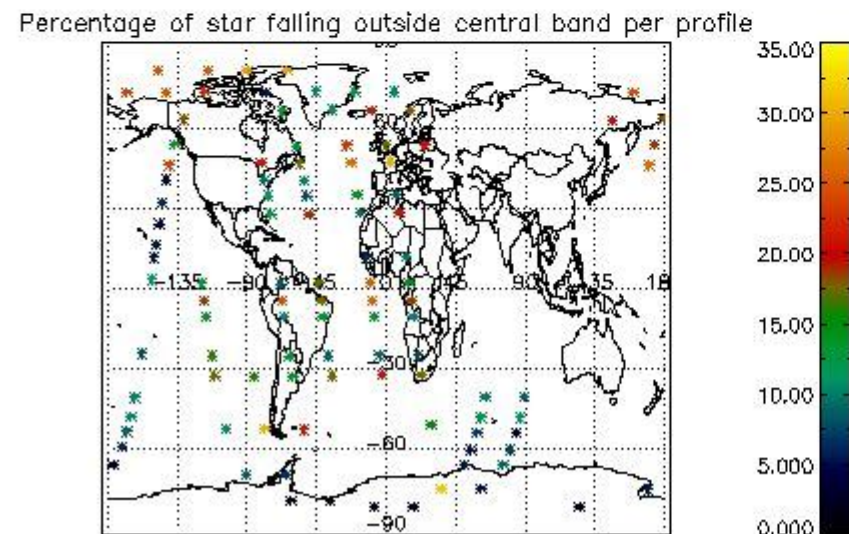
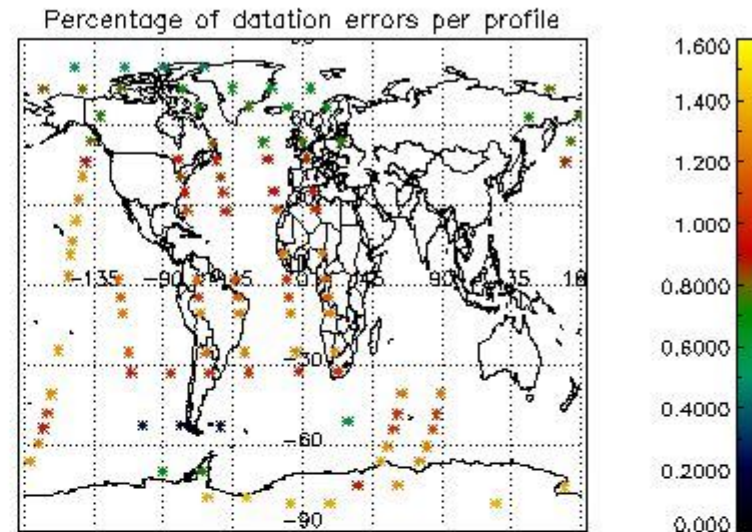
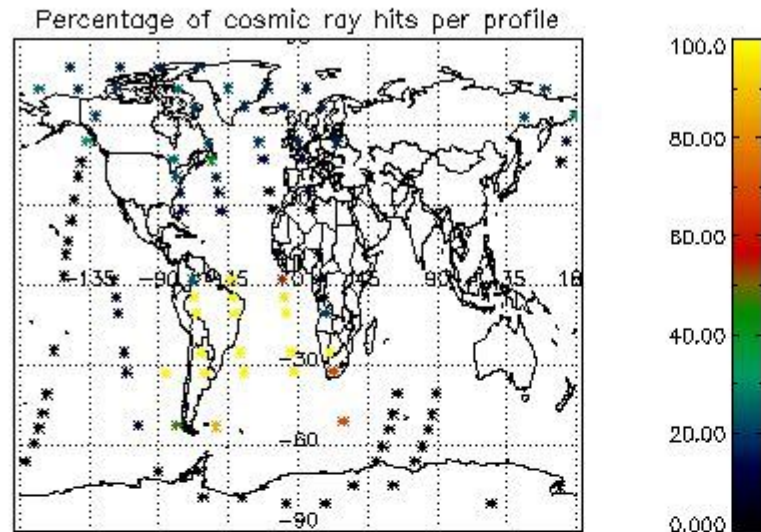
At least one measurement with demodulation flag set:	23.8095 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

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)

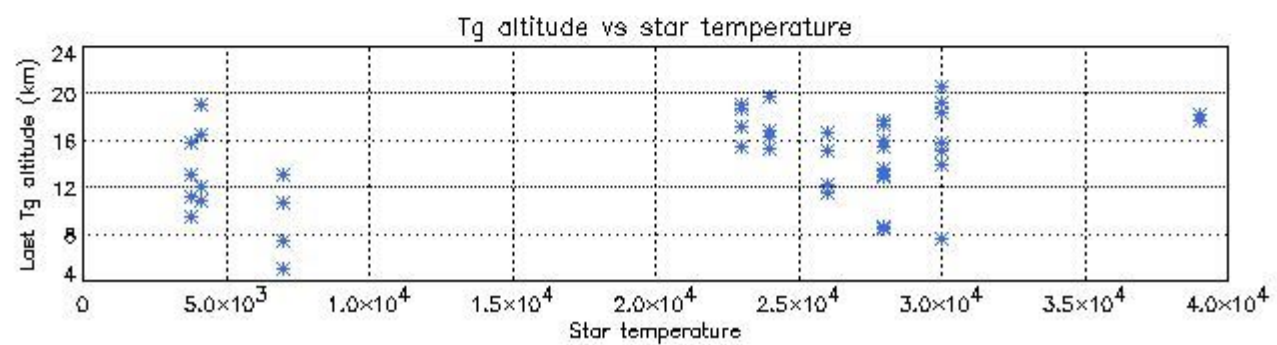
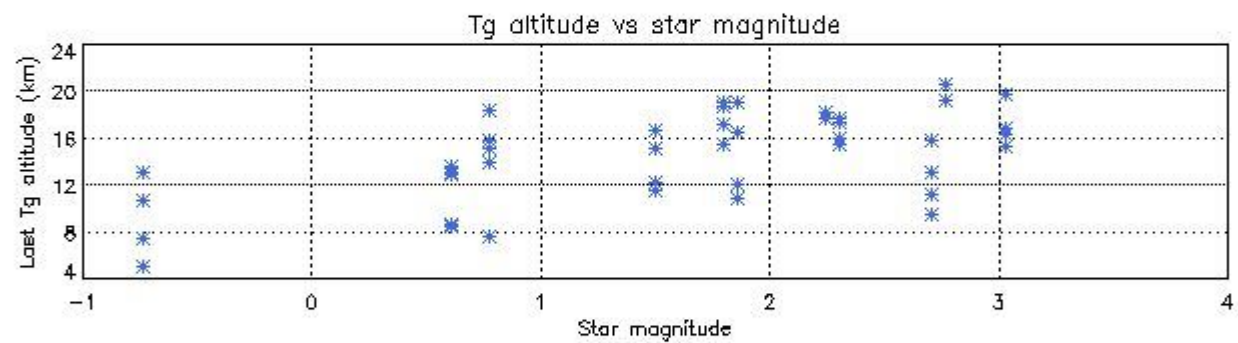
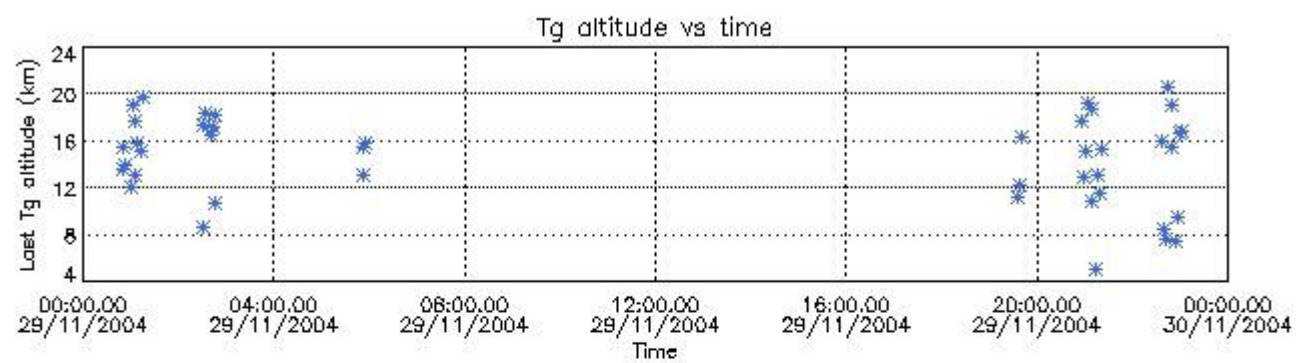
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.426	18.925	13.494
St. deviation:	3.0964	4.9793	2.7669
Maximum:	19.804	25.869	18.172
Minimum:	8.6178	5.8370	9.5730
Number of data:	17.000	20.000	11.000

### 6.2 Plot for DARK limb products

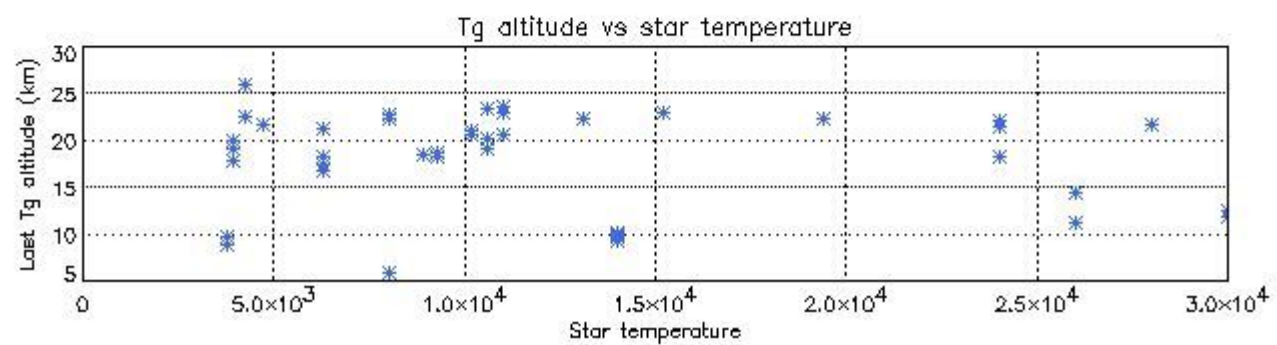
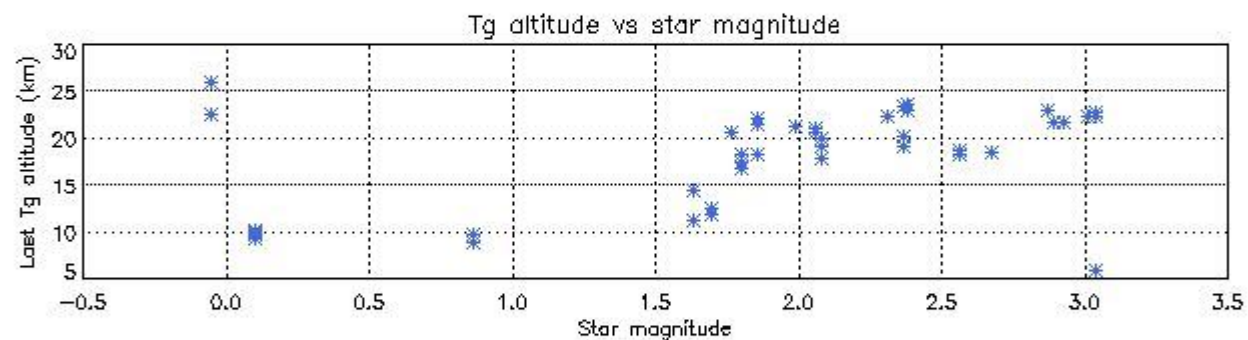
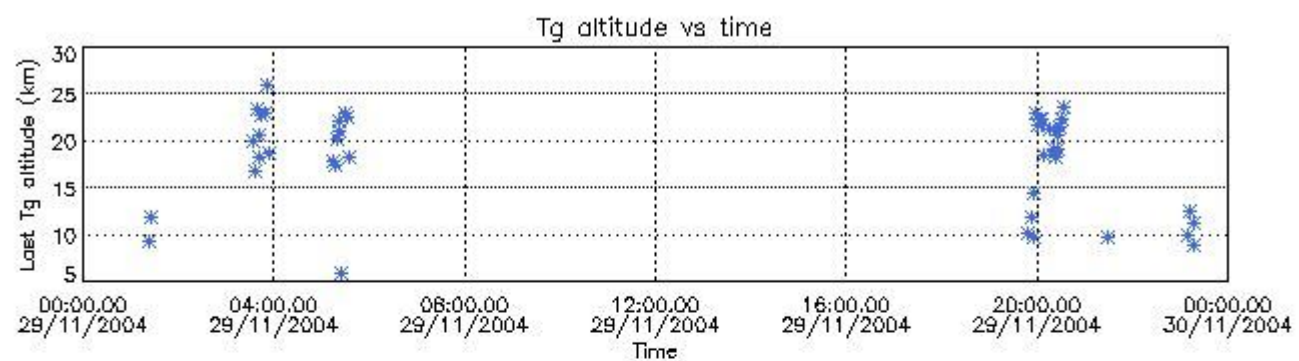


Tangent altitude at which the star is lost



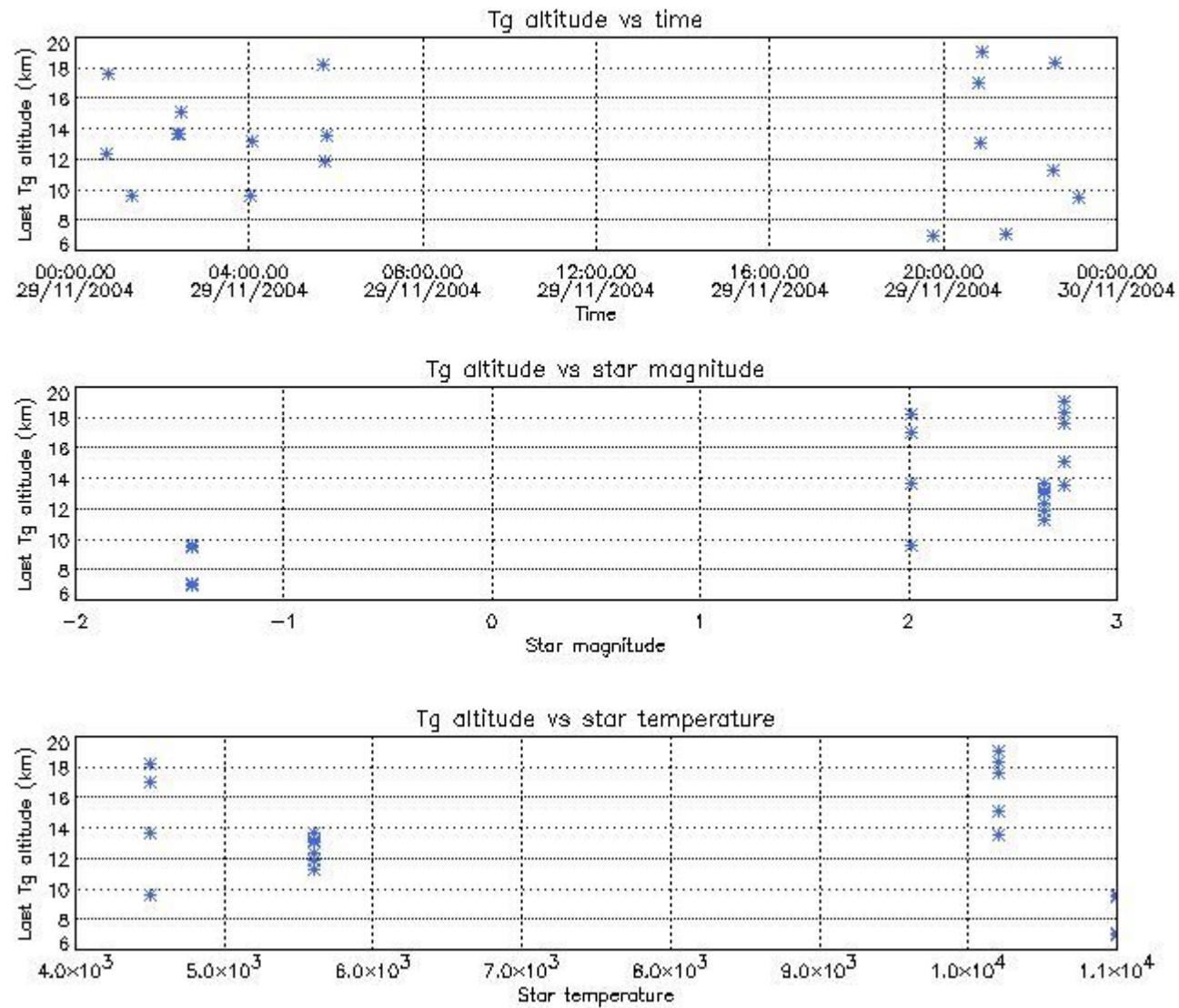
6.3 Plot for BRIGHT limb products

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.

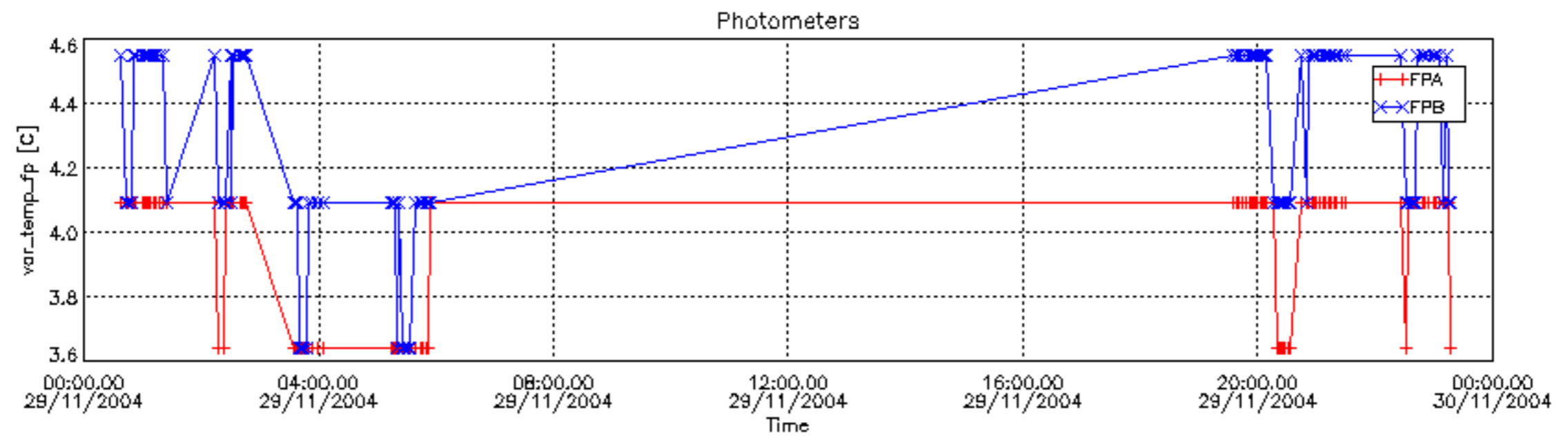
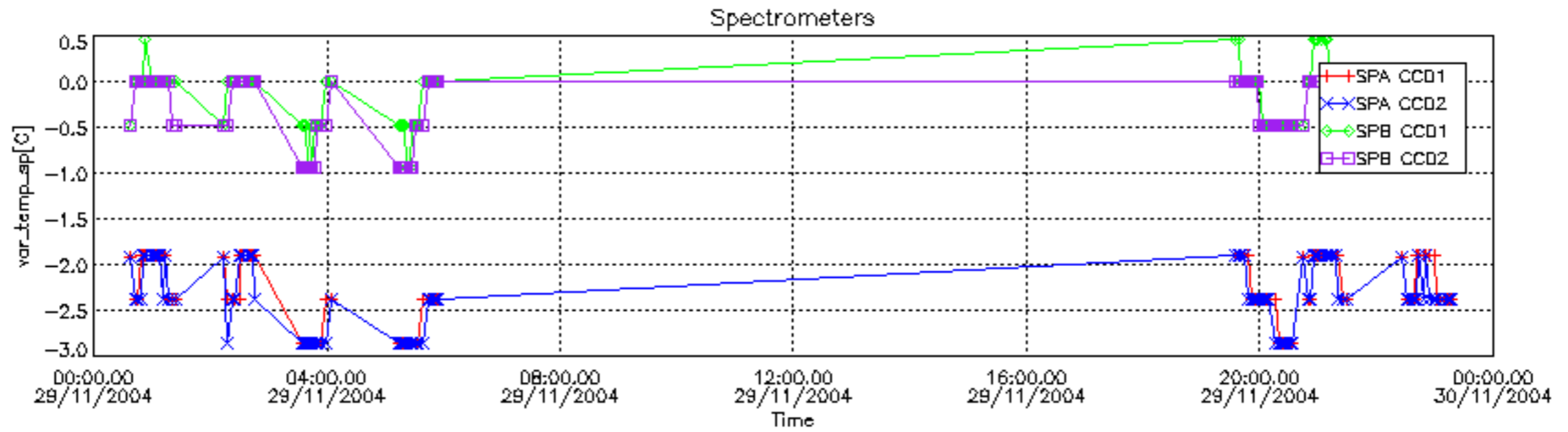
Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	1462.1	1447.7	1461.1	1448.5
St. deviation:	4.6418	6.2979	6.5804	8.6484
Maximum:	1511.0	1618.0	1510.0	1518.0
Minimum:	1460.0	1442.0	1435.0	1424.0
Number of data:	22900.	22900.	24200.	24200.

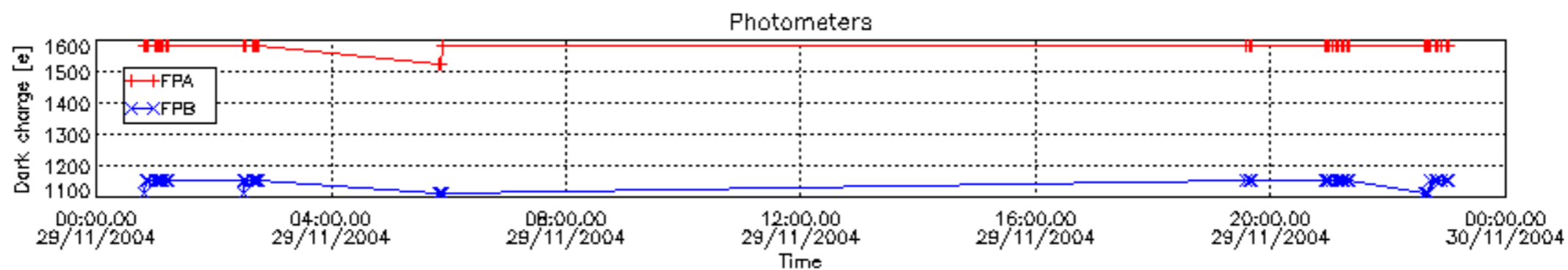
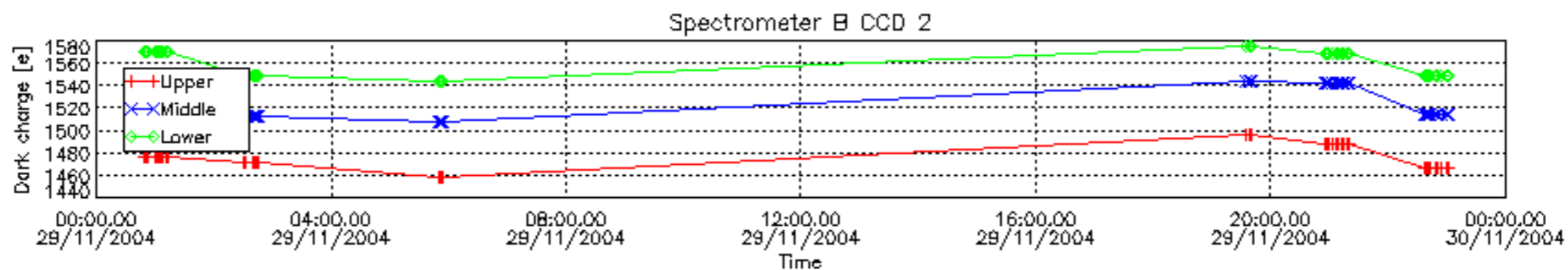
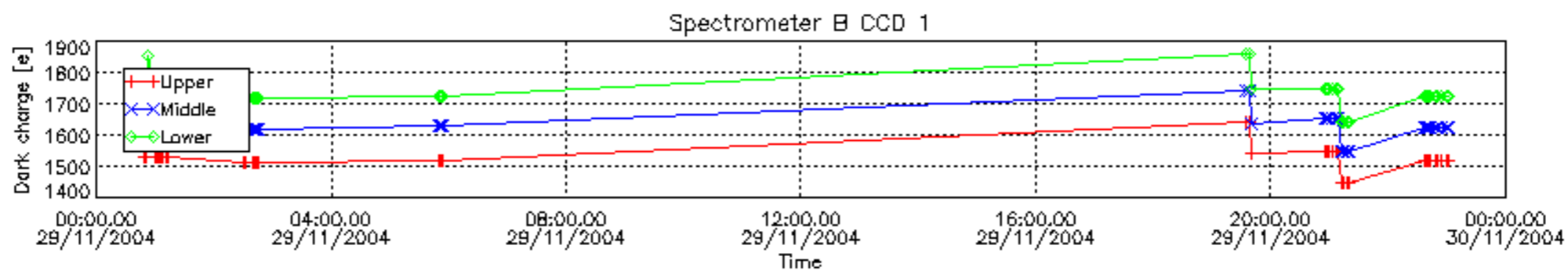
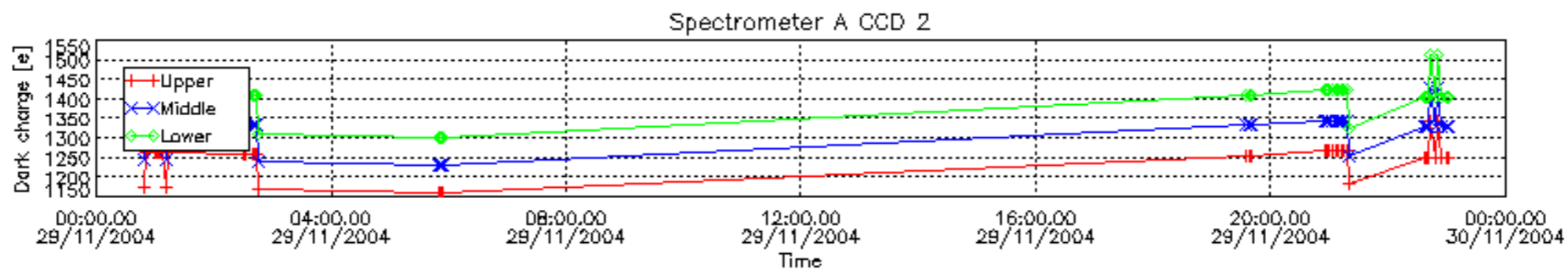
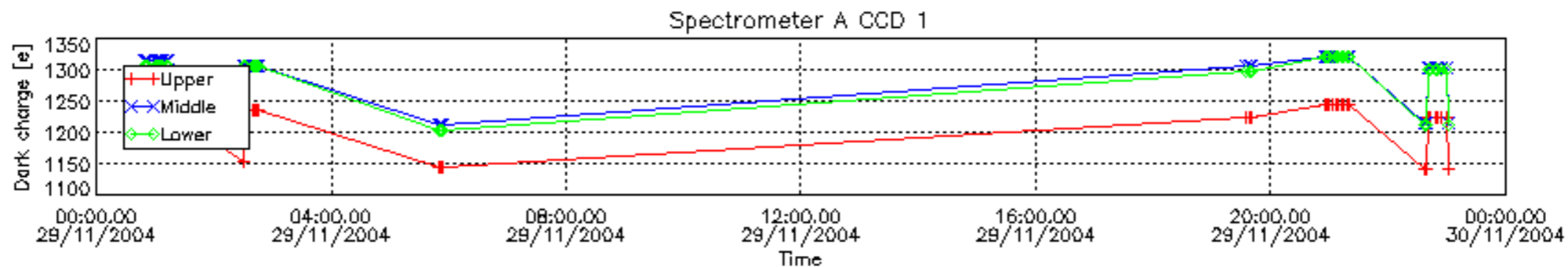
## 8. Auxiliary Data Files used for the production reported in section 2.2

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

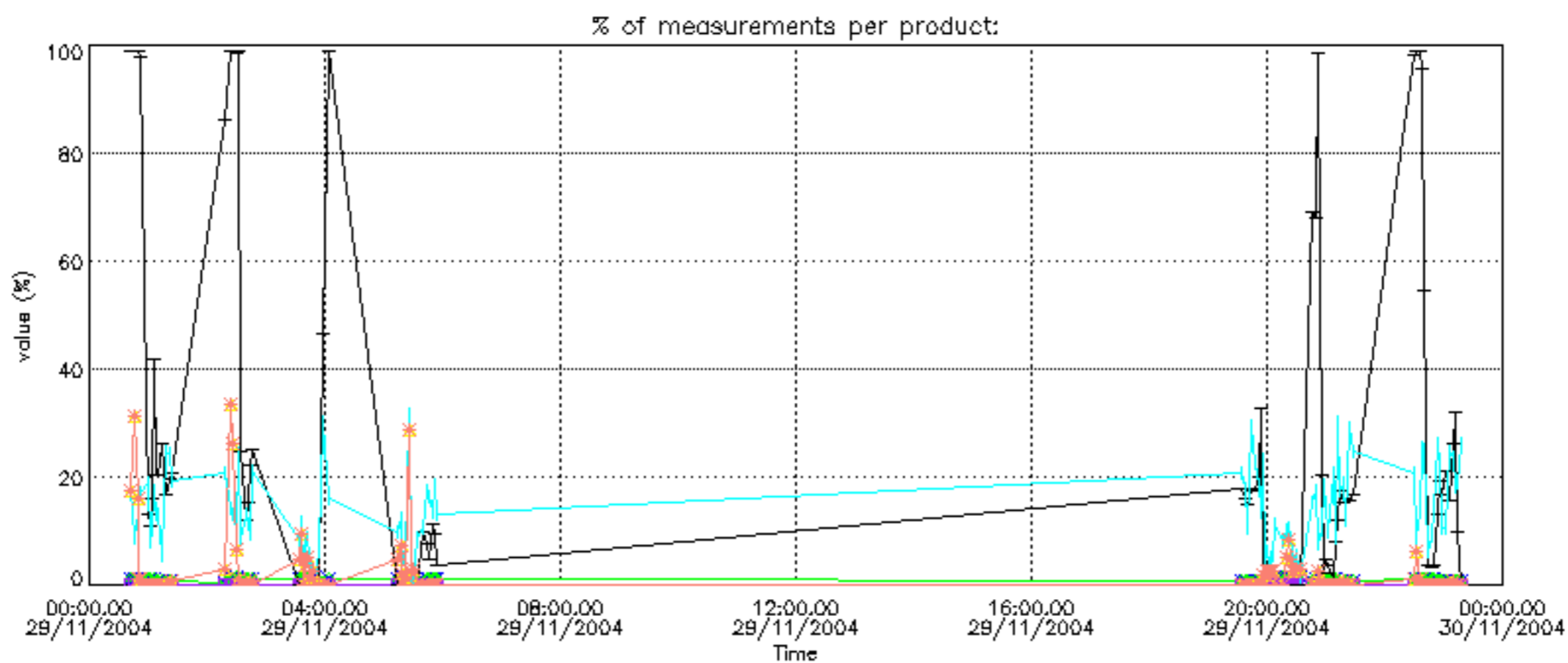


Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20030716_105425_20030716_120000_20100101_000000	1	29-NOV-2004 00:37:12
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20041122_101637_20041120_000000_20100101_000000	1	29-NOV-2004 00:37:12
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20040401_083133_20020324_200000_20100101_000000	1	29-NOV-2004 00:37:12
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	29-NOV-2004 00:37:12
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20020121_165822_20020101_000000_20200101_000000	1	29-NOV-2004 00:37:12
ECMWF_FILE	AUX_ECF_AXNECM20041128_061427_20041128_210000_20041129_090000	1	29-NOV-2004 00:37:12
ECMWF_FILE	AUX_ECF_AXNECM20041128_192424_20041129_030000_20041129_150000	28	29-NOV-2004 03:34:20
ECMWF_FILE	AUX_ECA_AXNECM20041129_070422_20041128_210000_20041129_090000	39	29-NOV-2004 05:14:58
ECMWF_FILE	AUX_ECA_AXNECM20041129_190211_20041129_090000_20041129_210000	54	29-NOV-2004 19:33:49
ECMWF_FILE	AUX_ECF_AXNECM20041129_060427_20041129_150000_20041130_030000	76	29-NOV-2004 20:45:00
ECMWF_FILE	AUX_ECF_AXNECM20041129_060446_20041129_210000_20041130_090000	91	29-NOV-2004 22:25:39
OPTIONAL_ECMWF_FILE	NOT USED	1	29-NOV-2004 00:37:12
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20041128_230409_20041128_195020_20041208_211632	1	29-NOV-2004 00:37:12
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20041129_223127_20041129_191843_20041209_204455	76	29-NOV-2004 20:45:00

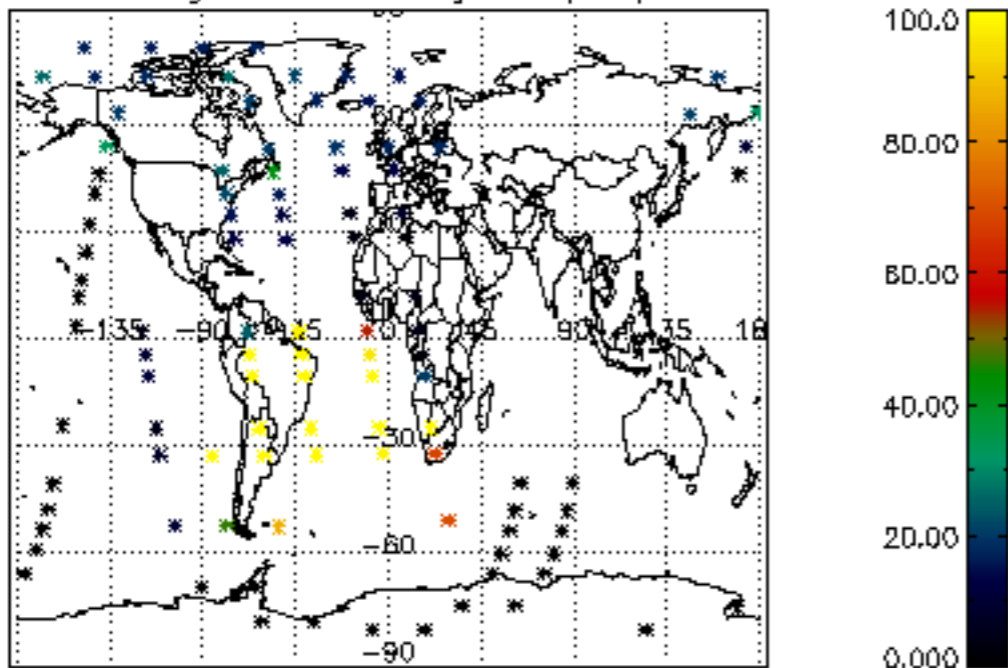




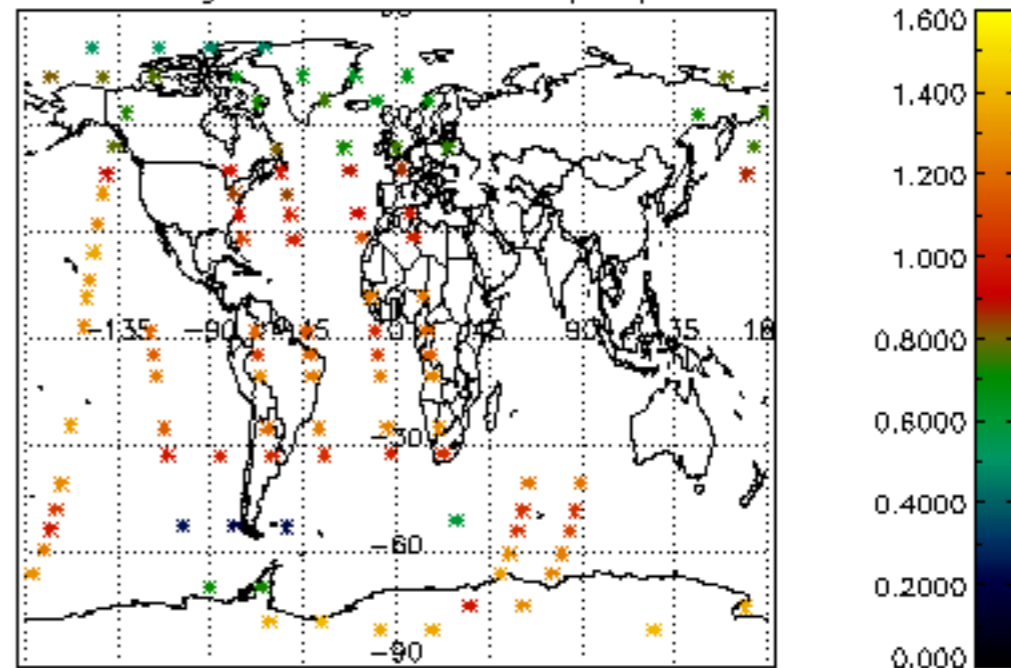




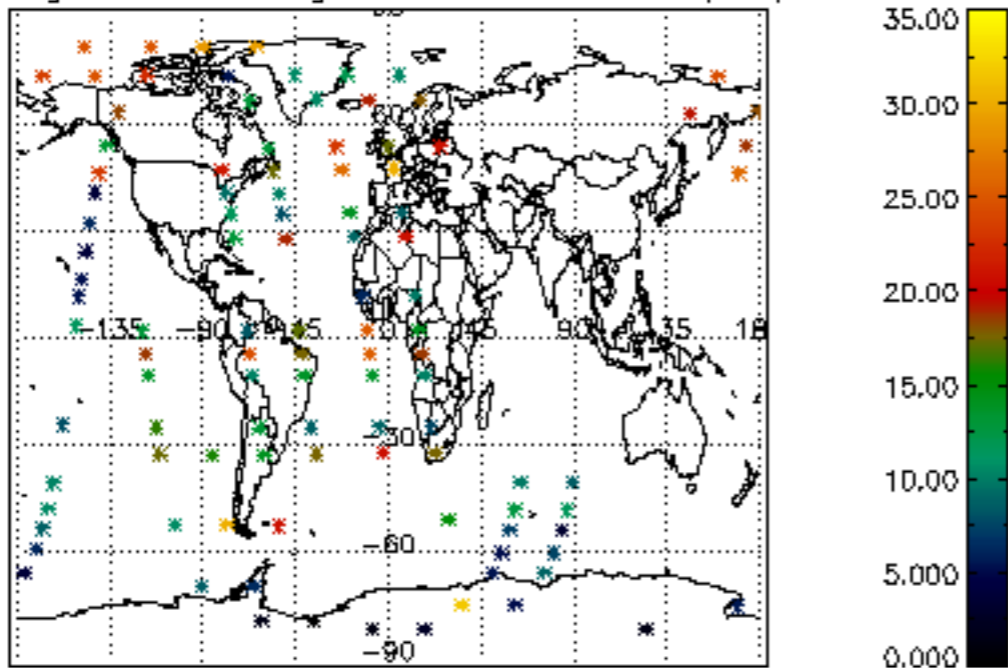
Percentage of cosmic ray hits per profile



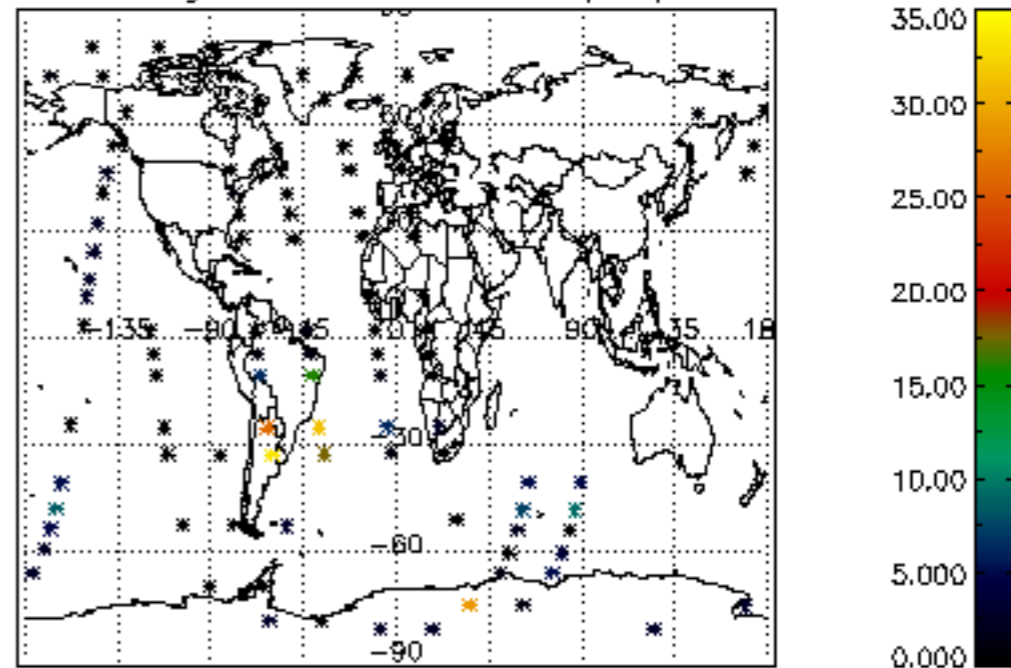
Percentage of datation errors per profile



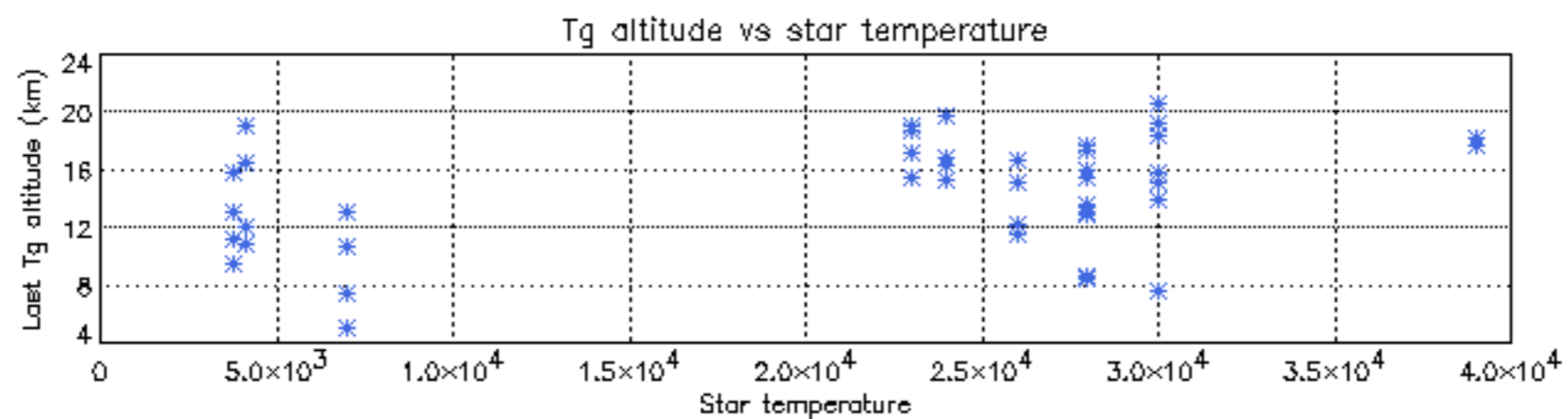
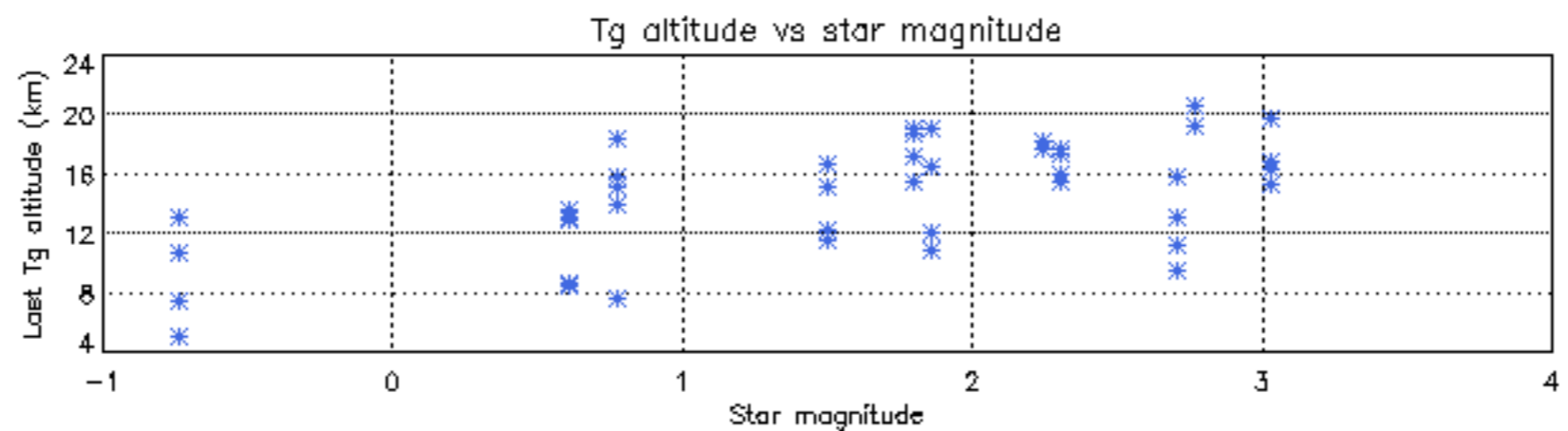
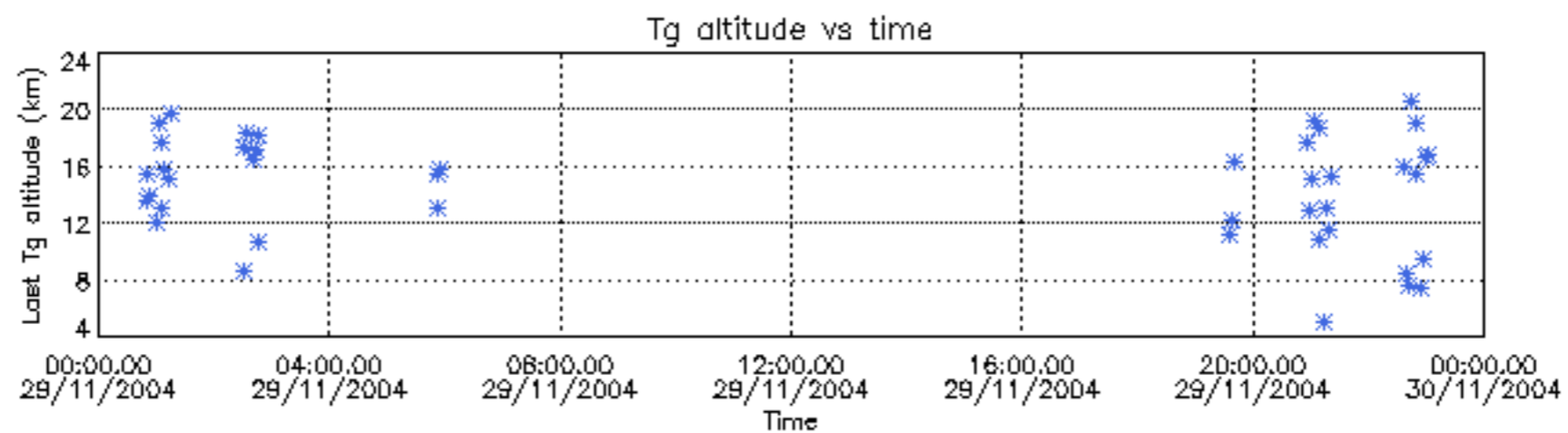
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

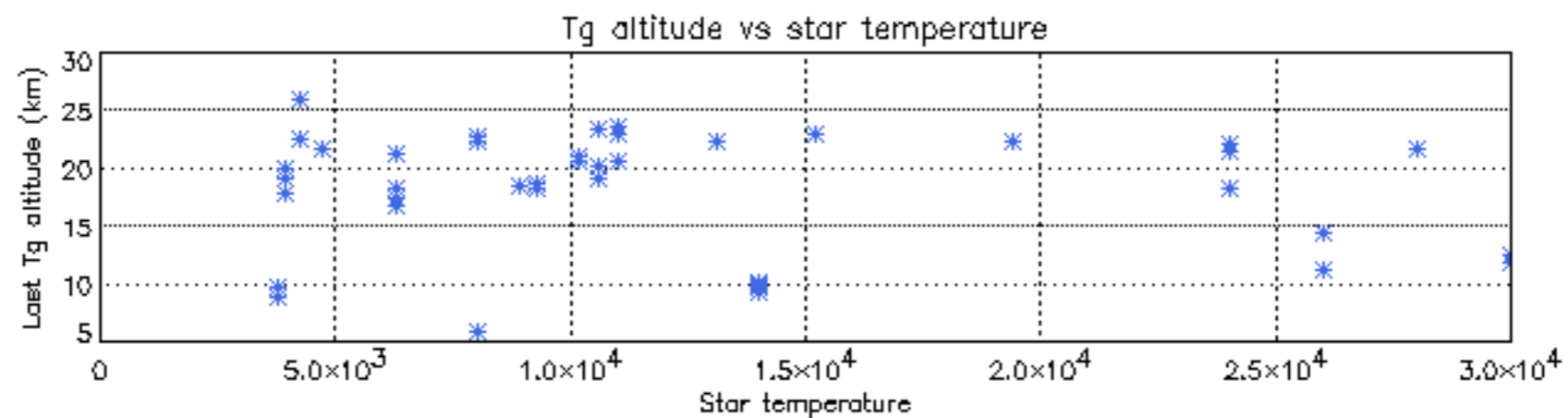
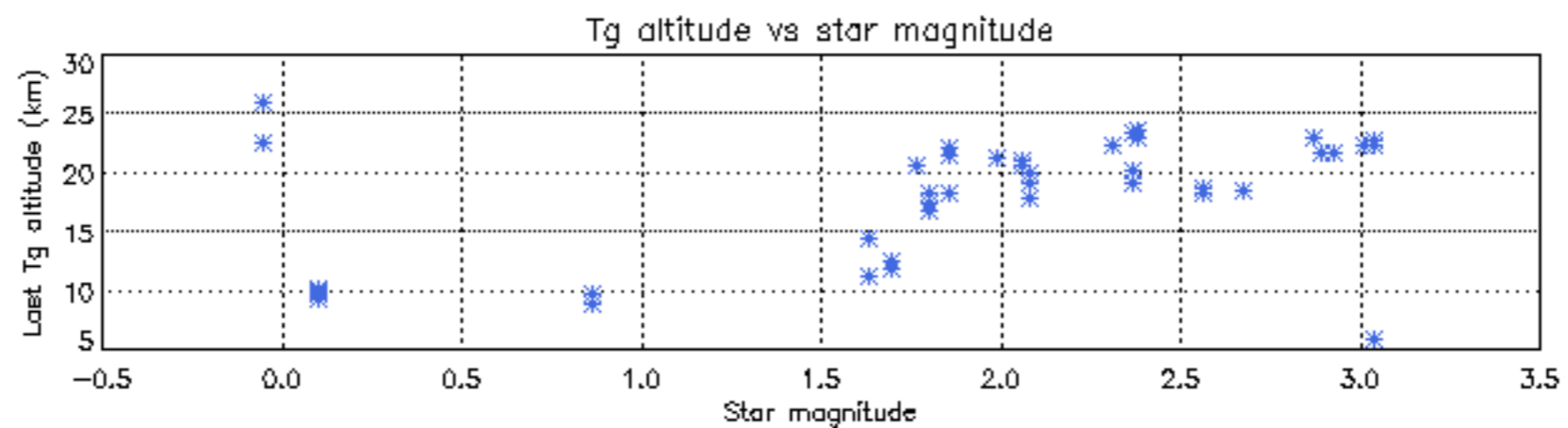
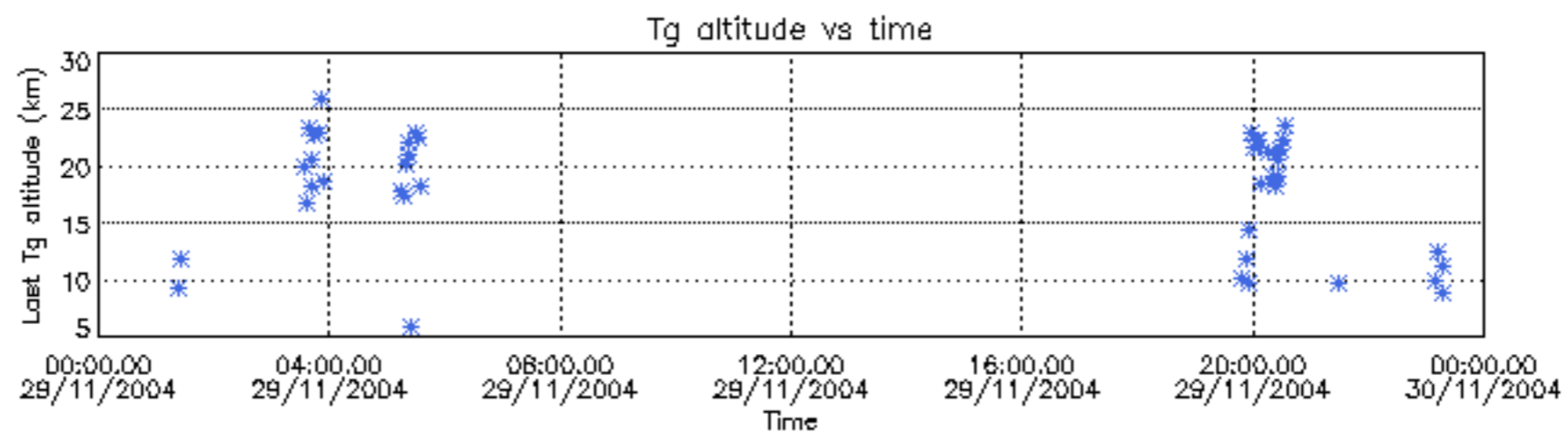


Tangent altitude at which the star is lost

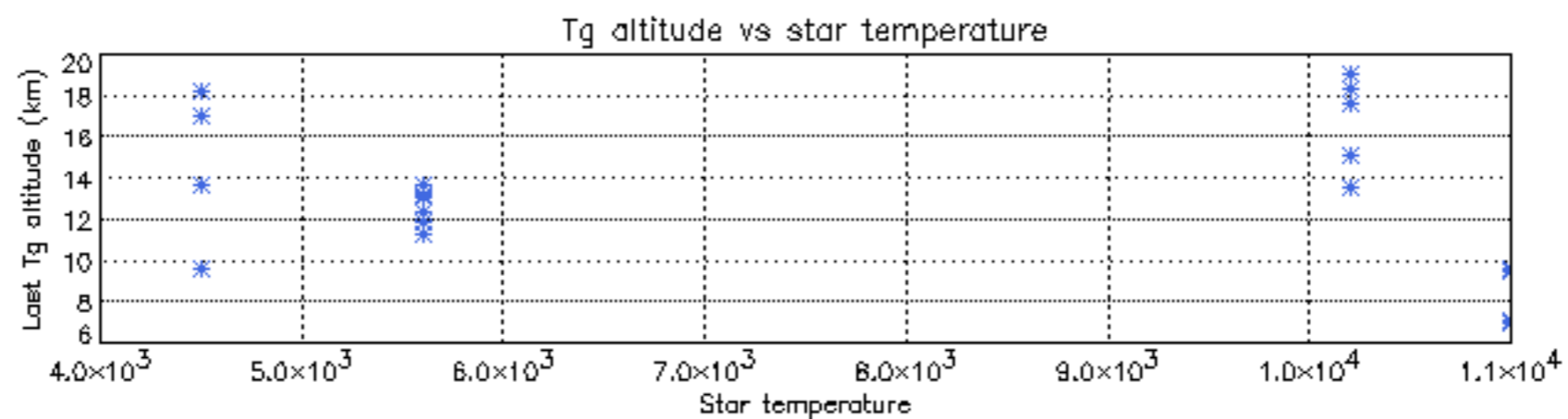
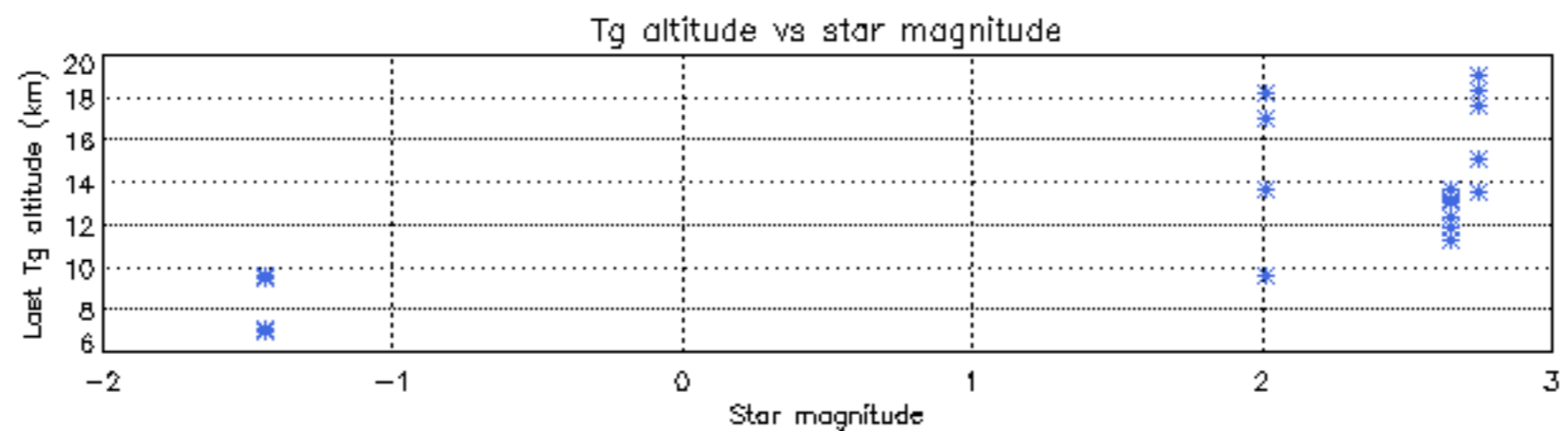
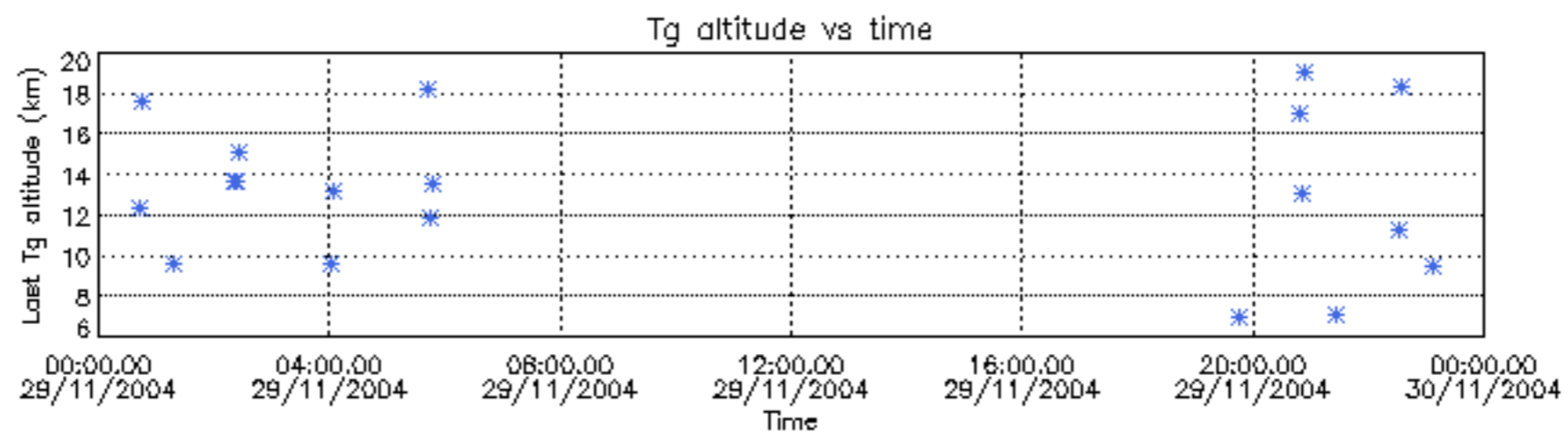




Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



/nas1/ENVISAT/GOMOS/from\_DDS/GOM\_NL\_\_0PNPDK20041101\_063443\_000038832031\_00392\_13973\_1236.N1

1;-2383.2; 01-NOV-2004 06:34:43; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;13973  
 2;-2126.4; 01-NOV-2004 06:39:00; Bright; 41.5; 36; 50Alp UMa ; 1.80; 6300;occ; 83; 0;13973  
 3;-2032.5; 01-NOV-2004 06:40:34; Bright; 43.5; 82; 48Bet UMa ; 2.37; 10600;occ; 87; 0;13973  
 4;-1808.5; 01-NOV-2004 06:44:18; Bright; 40.0; 174; 52Psi UMa ; 3.00; 4400;occ; 80; 0;13973  
 5;-1358.2; 01-NOV-2004 06:51:48; Dark ; 255.0; 24; 66Alp Gem ; 1.58; 10200;occ; 510; 0;13973  
 6; -525.8; 01-NOV-2004 07:05:41; Dark ; 72.5; 48; 30Alp Hya ; 1.98; 4100;occ; 145; 0;13973  
 7; -233.4; 01-NOV-2004 07:10:33; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;13973  
 8; -104.8; 01-NOV-2004 07:12:42; Dark ; 38.5; 129; Del Cru ; 2.79; 26000;occ; 77; 0;13973  
 9; -13.8; 01-NOV-2004 07:14:13; Dark ; 47.5; 65; Lam Vel ; 2.20; 4400;occ; 95; 0;13973  
 10; 202.5; 01-NOV-2004 07:17:49; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;13974  
 11; 355.5; 01-NOV-2004 07:20:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;13974  
 12; 528.7; 01-NOV-2004 07:23:15; Dark ; 50.0; 2; Alp Car ;-0.74; 7000;occ; 100; 0;13974  
 13; 626.7; 01-NOV-2004 07:24:53; Dark ; 85.0; 23; 21Eps CMA ; 1.50; 26000;occ; 170; 0;13974  
 14; 859.9; 01-NOV-2004 07:28:46; Dark ; 39.5; 143; Alp Hyi ; 2.86; 7200;occ; 79; 0;13974  
 15; 943.0; 01-NOV-2004 07:30:09; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;13974  
 16; 1142.3; 01-NOV-2004 07:33:29; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;13974  
 17; 1326.2; 01-NOV-2004 07:36:33; Dark ; 174.5; 1; 9Alp CMA ;-1.44; 11000;occ; 349; 0;13974

/nas1/ENVISAT/GOMOS/from\_DDS/GOM\_NL\_\_0PNPDK20041101\_074131\_000060832031\_00393\_13974\_1237.N1

1;-4411.7; 01-NOV-2004 07:41:31; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;13974  
 2;-4030.5; 01-NOV-2004 07:47:52; Dark ; 64.0; 94; 92Alp Cet ; 2.53; 3100;occ; 128; 0;13974  
 3;-3840.2; 01-NOV-2004 07:51:02; Bright; 37.0; 140; 88Gam Peg ; 2.83; 26000;occ; 74; 0;13974  
 4;-3709.2; 01-NOV-2004 07:53:13; Bright; 42.0; 50; 13Alp Ari ; 2.01; 4250;occ; 84; 0;13974  
 5;-3609.0; 01-NOV-2004 07:54:53; Bright; 37.5; 58; 21Alp And ; 2.07; 11000;occ; 75; 0;13974  
 6;-3523.1; 01-NOV-2004 07:56:19; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;13974  
 7;-3379.0; 01-NOV-2004 07:58:43; Bright; 42.5; 73; 57Gam1And ; 2.26; 13100;occ; 85; 0;13974  
 8;-3169.6; 01-NOV-2004 08:02:13; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;13974  
 9;-3099.1; 01-NOV-2004 08:03:23; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;13974  
 10;-2924.4; 01-NOV-2004 08:06:18; Bright; 81.0; 114; 3Iot Aur ; 2.69; 4600;occ; 162; 0;13974  
 11;-2615.0; 01-NOV-2004 08:11:27; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;13974  
 12;-2383.6; 01-NOV-2004 08:15:19; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;13974  
 13;-2126.4; 01-NOV-2004 08:19:36; Bright; 41.0; 36; 50Alp UMa ; 1.80; 6300;occ; 82; 0;13974  
 14;-2030.7; 01-NOV-2004 08:21:12; Bright; 40.5; 82; 48Bet UMa ; 2.37; 10600;occ; 81; 0;13974  
 15;-1808.0; 01-NOV-2004 08:24:54; Bright; 39.5; 174; 52Psi UMa ; 3.00; 4400;occ; 79; 0;13974  
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 17; -524.3; 01-NOV-2004 08:46:18; Dark ; 77.5; 48; 30Alp Hya ; 1.98; 4100;occ; 155; 0;13974  
 18; -233.1; 01-NOV-2004 08:51:09; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;13974  
 19; -104.3; 01-NOV-2004 08:53:18; Dark ; 37.5; 129; Del Cru ; 2.79; 26000;occ; 75; 0;13974  
 20; -13.1; 01-NOV-2004 08:54:49; Dark ; 52.5; 65; Lam Vel ; 2.20; 4400;occ; 105; 0;13974  
 21; 166.2; 01-NOV-2004 08:57:49; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;13975  
 22; 530.3; 01-NOV-2004 09:03:53; Dark ; 49.5; 2; Alp Car ;-0.74; 7000;occ; 99; 0;13975  
 23; 626.2; 01-NOV-2004 09:05:29; Dark ; 95.5; 23; 21Eps CMA ; 1.50; 26000;occ; 191; 0;13975  
 24; 860.2; 01-NOV-2004 09:09:23; Dark ; 39.5; 143; Alp Hyi ; 2.86; 7200;occ; 79; 0;13975  
 25; 943.3; 01-NOV-2004 09:10:46; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;13975  
 26; 1142.7; 01-NOV-2004 09:14:05; Dark ; 42.5; 157; The1Eri ; 2.91; 9300;occ; 85; 0;13975  
 27; 1328.8; 01-NOV-2004 09:17:11; Dark ; 172.0; 1; 9Alp CMA ;-1.44; 11000;occ; 344; 0;13975  
 28; 1624.5; 01-NOV-2004 09:22:07; Dark ; 47.5; 52; 16Bet Cet ; 2.04; 4500;occ; 95; 0;13975

/nas1/ENVISAT/GOMOS/from\_DDS/GOM\_NL\_\_0PNPDK20041101\_092213\_000060572031\_00394\_13975\_1238.N1

1;-4405.4; 01-NOV-2004 09:22:13; Dark ; 48.0; 52; 16Bet Cet ; 2.04; 4500;occ; 96; 12;13975  
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 3;-3840.0; 01-NOV-2004 09:31:38; Bright; 37.0; 140; 88Gam Peg ; 2.83; 26000;occ; 74; 0;13975  
 4;-3709.4; 01-NOV-2004 09:33:49; Bright; 43.5; 50; 13Alp Ari ; 2.01; 4250;occ; 87; 0;13975  
 5;-3609.4; 01-NOV-2004 09:35:29; Bright; 38.0; 58; 21Alp And ; 2.07; 11000;occ; 76; 0;13975  
 6;-3523.1; 01-NOV-2004 09:36:55; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;13975  
 7;-3379.0; 01-NOV-2004 09:39:19; Bright; 40.0; 73; 57Gam1And ; 2.26; 13100;occ; 80; 0;13975  
 8;-3169.8; 01-NOV-2004 09:42:49; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;13975  
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 12;-2615.1; 01-NOV-2004 09:52:03; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;13975  
 13;-2383.4; 01-NOV-2004 09:55:55; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;13975  
 14;-2126.9; 01-NOV-2004 10:00:11; Bright; 41.5; 36; 50Alp UMa ; 1.80; 6300;occ; 83; 0;13975  
 15;-2030.9; 01-NOV-2004 10:01:47; Bright; 39.5; 82; 48Bet UMa ; 2.37; 10600;occ; 79; 0;13975  
 16;-1808.1; 01-NOV-2004 10:05:30; Bright; 41.5; 174; 52Psi UMa ; 3.00; 4400;occ; 83; 0;13975  
 17;-1355.2; 01-NOV-2004 10:13:03; Dark ; 255.0; 24; 66Alp Gem ; 1.58; 10200;occ; 510; 0;13975  
 18; -522.8; 01-NOV-2004 10:26:55; Dark ; 81.5; 48; 30Alp Hya ; 1.98; 4100;occ; 163; 0;13975  
 19; -233.1; 01-NOV-2004 10:31:45; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;13975  
 20; -135.9; 01-NOV-2004 10:33:22; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;13975

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21; -12.2; 01-NOV-2004 10:35:26; Dark ; 53.5; 65; Lam Vel ; 2.20; 4400;occ; 107; 0;13975
22; 166.4; 01-NOV-2004 10:38:25; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;13976
23; 530.9; 01-NOV-2004 10:44:29; Dark ; 56.5; 2; Alp Car ;-0.74; 7000;occ; 113; 0;13976
24; 628.0; 01-NOV-2004 10:46:06; Dark ; 96.5; 23; 21Eps CMA ; 1.50; 26000;occ; 193; 0;13976
25; 860.1; 01-NOV-2004 10:49:58; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;13976
26; 943.1; 01-NOV-2004 10:51:21; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;13976
27; 1143.0; 01-NOV-2004 10:54:41; Dark ; 43.0; 157; The1Eri ; 2.91; 9300;occ; 86; 0;13976
28; 1331.6; 01-NOV-2004 10:57:50; Dark ; 172.0; 1; 9Alp CMA ;-1.44; 11000;occ; 344; 0;13976
29; 1624.8; 01-NOV-2004 11:02:43; Dark ; 28.0; 52; 16Bet Cet ; 2.04; 4500;occ; 56; 0;13976
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2;-4030.4; 01-NOV-2004 11:09:04; Dark ; 65.0; 94; 92Alp Cet ; 2.53; 3100;occ; 130; 0;13976
3;-3839.7; 01-NOV-2004 11:12:14; Bright; 38.0; 140; 88Gam Peg ; 2.83; 26000;occ; 76; 0;13976
4;-3709.9; 01-NOV-2004 11:14:24; Bright; 43.5; 50; 13Alp Ari ; 2.01; 4250;occ; 87; 0;13976
5;-3611.7; 01-NOV-2004 11:16:02; Bright; 41.5; 58; 21Alp And ; 2.07; 11000;occ; 83; 0;13976
6;-3523.4; 01-NOV-2004 11:17:31; Bright; 36.5; 53; 43Bet And ; 2.05; 3300;occ; 73; 0;13976
7;-3379.5; 01-NOV-2004 11:19:55; Bright; 39.0; 73; 57Gam1And ; 2.26; 13100;occ; 78; 0;13976
8;-3169.8; 01-NOV-2004 11:23:24; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;13976
9;-3099.5; 01-NOV-2004 11:24:35; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;13976
10;-2929.4; 01-NOV-2004 11:27:25; Bright; 90.5; 114; 3Iot Aur ; 2.69; 4600;occ; 181; 0;13976
11;-2755.5; 01-NOV-2004 11:30:19; Bright; 67.5; 6; 13Alp Aur ; 0.08; 3400;occ; 135; 0;13976
12;-2615.1; 01-NOV-2004 11:32:39; Bright; 39.0; 49; 1Alp UMi ; 1.99; 6300;occ; 78; 0;13976
13;-2383.1; 01-NOV-2004 11:36:31; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;13976
14;-2127.6; 01-NOV-2004 11:40:47; Bright; 38.0; 36; 50Alp UMA ; 1.80; 6300;occ; 76; 0;13976
15;-2030.2; 01-NOV-2004 11:42:24; Bright; 40.5; 82; 48Bet UMA ; 2.37; 10600;occ; 81; 0;13976
16;-1808.4; 01-NOV-2004 11:46:06; Bright; 41.0; 174; 52Psi UMA ; 3.00; 4400;occ; 82; 0;13976
17;-1353.6; 01-NOV-2004 11:53:41; Dark ; 255.0; 24; 66Alp Gem ; 1.58; 10200;occ; 510; 0;13976
18; -520.9; 01-NOV-2004 12:07:33; Dark ; 78.5; 48; 30Alp Hya ; 1.98; 4100;occ; 157; 0;13976
19; -233.1; 01-NOV-2004 12:12:21; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;13976
20; -135.8; 01-NOV-2004 12:13:58; Dark ; 44.5; 26; Gam Cru ; 1.62; 2900;occ; 89; 0;13976
21; -11.6; 01-NOV-2004 12:16:03; Dark ; 47.0; 65; Lam Vel ; 2.20; 4400;occ; 94; 0;13976
22; 166.6; 01-NOV-2004 12:19:01; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;13977
23; 531.4; 01-NOV-2004 12:25:06; Dark ; 52.0; 2; Alp Car ;-0.74; 7000;occ; 104; 0;13977
24; 631.5; 01-NOV-2004 12:26:46; Dark ; 84.5; 23; 21Eps CMA ; 1.50; 26000;occ; 169; 0;13977
25; 860.1; 01-NOV-2004 12:30:34; Dark ; 40.0; 143; Alp Hyi ; 2.86; 7200;occ; 80; 0;13977
26; 943.5; 01-NOV-2004 12:31:58; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;13977
27; 1143.0; 01-NOV-2004 12:35:17; Dark ; 43.0; 157; The1Eri ; 2.91; 9300;occ; 86; 0;13977
28; 1334.5; 01-NOV-2004 12:38:29; Dark ; 171.5; 1; 9Alp CMA ;-1.44; 11000;occ; 343; 0;13977
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2;-4411.1; 01-NOV-2004 12:43:19; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;13977
3;-4031.4; 01-NOV-2004 12:49:39; Dark ; 60.5; 94; 92Alp Cet ; 2.53; 3100;occ; 121; 0;13977
4;-3840.0; 01-NOV-2004 12:52:50; Bright; 37.5; 140; 88Gam Peg ; 2.83; 26000;occ; 75; 0;13977
5;-3710.1; 01-NOV-2004 12:55:00; Bright; 43.0; 50; 13Alp Ari ; 2.01; 4250;occ; 86; 0;13977
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 26; 4760.9; 08-NOV-2004 01:31:15; Bright; 72.5; 166; 17Eps Leo ; 2.98; 6000;occ; 145; 0;14070  
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 6; 292.9; 08-NOV-2004 01:57:23; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;14071  
 7; 445.9; 08-NOV-2004 01:59:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14071  
 8; 600.9; 08-NOV-2004 02:02:31; Dark ; 52.5; 2; Alp Car ; -0.74; 7000;occ; 105; 0;14071  
 9; 958.1; 08-NOV-2004 02:08:28; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;14071  
 10; 1171.7; 08-NOV-2004 02:12:02; Dark ; 41.5; 157; The1Eri ; 2.91; 9300;occ; 83; 0;14071  
 11; 1479.5; 08-NOV-2004 02:17:09; Dark ; 92.0; 101; 11Alp Lep ; 2.58; 7000;occ; 184; 0;14071  
 12; 1632.5; 08-NOV-2004 02:19:42; Dark ; 61.0; 165; 34Gam Eri ; 2.95; 3200;occ; 122; 0;14071  
 13; 1850.0; 08-NOV-2004 02:23:20; Dark ; 121.5; 7; 19Bet Ori ; 0.10; 14000;occ; 243; 0;14071  
 14; 2260.8; 08-NOV-2004 02:30:11; Bright; 41.0; 105; 6Bet Ari ; 2.64; 8900;occ; 82; 0;14071  
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 4; -1933.3; 08-NOV-2004 06:22:04; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;14073  
 5; -1809.1; 08-NOV-2004 06:24:09; Bright; 43.0; 174; 52Psi UMa ; 3.00; 4400;occ; 86; 0;14073  
 6; -1273.2; 08-NOV-2004 06:33:05; Bright; 68.0; 166; 17Eps Leo ; 2.98; 6000;occ; 136; 0;14073  
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 8; -214.9; 08-NOV-2004 06:50:43; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;14073



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; 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  
 23; 605.1; 08-NOV-2004 08:44:59; Dark ; 53.0; 2; Alp Car ; -0.74; 7000;occ; 106; 0;14075  
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 19; 241.1; 08-NOV-2004 10:19:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14076  
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7;-3151.2; 08-NOV-2004 11:03:34; Bright; 40.0; 160; 23Gam Per ; 2.93; 4700;occ; 80; 0;14076
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2; -4063.1; 13-NOV-2004 09:50:52; Dark ; 53.0; 94; 92Alp Cet ; 2.53; 3100;occ; 106; 0;14147
3; -3777.6; 13-NOV-2004 09:55:38; Bright; 40.0; 105; 6Bet Ari ; 2.64; 8900;occ; 80; 0;14147
4; -3625.0; 13-NOV-2004 09:58:10; Bright; 46.0; 146; 25Eta Tau ; 2.87; 15200;occ; 92; 0;14147
5; -3512.3; 13-NOV-2004 10:00:03; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;14147
6; -3407.9; 13-NOV-2004 10:01:47; Bright; 38.5; 73; 57Gam1And ; 2.26; 13100;occ; 77; 0;14147
7; -3311.9; 13-NOV-2004 10:03:23; Bright; 45.0; 149; 45Eps Per ; 2.89; 30000;occ; 90; 0;14147
8; -3211.1; 13-NOV-2004 10:05:04; Bright; 42.5; 35; 33Alp Per ; 1.79; 6250;occ; 85; 0;14147
9; -3108.6; 13-NOV-2004 10:06:47; Bright; 38.5; 110; 37Del Cas ; 2.68; 8900;occ; 77; 0;14147
10; -2971.1; 13-NOV-2004 10:09:04; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;14147
11; -2779.0; 13-NOV-2004 10:12:16; Bright; 62.5; 42; 34Bet Aur ; 1.90; 10200;occ; 125; 0;14147
12; -2615.6; 13-NOV-2004 10:15:00; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;14147
13; -2358.2; 13-NOV-2004 10:19:17; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;14147
14; -2250.4; 13-NOV-2004 10:21:05; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;14147
15; -2150.3; 13-NOV-2004 10:22:45; Bright; 43.0; 36; 50Alp UMA ; 1.80; 6300;occ; 86; 0;14147
16; -2052.7; 13-NOV-2004 10:24:23; Bright; 42.5; 82; 48Bet UMA ; 2.37; 10600;occ; 85; 0;14147
17; -1921.5; 13-NOV-2004 10:26:34; Bright; 34.5; 39; 85Eta UMA ; 1.85; 24000;occ; 69; 0;14147
18; -1812.2; 13-NOV-2004 10:28:23; Bright; 42.5; 174; 52Psi UMA ; 3.00; 4400;occ; 85; 0;14147
19; -1711.8; 13-NOV-2004 10:30:03; Bright; 37.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 75; 0;14147
20; -1409.8; 13-NOV-2004 10:35:05; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;14147

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22; -940.1; 13-NOV-2004 10:42:55; Dark ; 86.0; 22; 32Alp Leo ; 1.36; 15200;occ; 172; 0;14147
23; -724.8; 13-NOV-2004 10:46:30; Dark ; 44.5; 100; 4Gam Crv ; 2.58; 13100;occ; 89; 0;14147
24; -634.0; 13-NOV-2004 10:48:01; Dark ; 46.5; 171; 2Eps Crv ; 3.00; 4250;occ; 93; 0;14147
25; -252.6; 13-NOV-2004 10:54:23; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;14147
26; -115.0; 13-NOV-2004 10:56:40; Dark ; 51.5; 26; Gam Cru ; 1.62; 2900;occ; 103; 0;14147
27; -17.3; 13-NOV-2004 10:58:18; Dark ; 46.0; 12; Alp1Cru ; 0.77; 30000;occ; 92; 0;14147
28; 99.7; 13-NOV-2004 11:00:15; Dark ; 40.5; 124; The Car ; 2.76; 30000;occ; 81; 0;14148
29; 203.8; 13-NOV-2004 11:01:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14148
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
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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  
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 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

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(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

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(corrupted file due to acquisition failures)

Problem occurred when reading packet number 671!

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 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  
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 13; 1194.6; 13-NOV-2004 23:02:41; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 2;14155  
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 17; 1975.2; 13-NOV-2004 23:15:42; Dark ; 52.5; 94; 92Alp Cet ; 2.53; 3100;occ; 105; 3;14155  
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 19; 2627.5; 13-NOV-2004 23:26:34; Bright; 38.5; 73; 57Gam1And ; 2.26; 13100;occ; 77; 3;14155  
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 21; 2821.7; 13-NOV-2004 23:29:48; Bright; 41.0; 35; 33Alp Per ; 1.79; 6250;occ; 82; 7;14155  
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 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  
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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
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27;-114.5; 13-NOV-2004 15:58:29; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14150
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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  
12; 1065.9; 14-NOV-2004 02:21:44; Dark ; 55.5; 108; Alp Col ; 2.65; 15200;occ; 111; 0;14157  
13; 1195.6; 14-NOV-2004 02:23:54; Dark ; 39.5; 157; The1Eri ; 2.91; 9300;occ; 79; 0;14157  
14; 1414.1; 14-NOV-2004 02:27:33; Dark ; 75.0; 139; 9Bet Lep ; 2.83; 5600;occ; 150; 1;14157  
15; 1638.1; 14-NOV-2004 02:31:17; Dark ; 55.5; 165; 34Gam Eri ; 2.95; 3200;occ; 111; 4;14157  
16; 1801.7; 14-NOV-2004 02:34:00; Dark ; 104.0; 7; 19Bet Ori ; 0.10; 14000;occ; 208; 1;14157  
17; 1975.5; 14-NOV-2004 02:36:54; Dark ; 52.5; 94; 92Alp Cet ; 2.53; 3100;occ; 105; 0;14157  
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  
23; 3054.0; 14-NOV-2004 02:54:53; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;14157  
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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2;-2246.1; 14-NOV-2004 03:07:09; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;14157  
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  
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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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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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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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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2;-4236.8; 14-NOV-2004 10:56:58; Dark ; 92.0; 7; 19Bet Ori ; 0.10; 14000;occ; 184; 0;14162
3;-4061.9; 14-NOV-2004 10:59:52; Dark ; 53.0; 94; 92Alp Cet ; 2.53; 3100;occ; 106; 0;14162
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
16;-2153.2; 14-NOV-2004 11:31:41; Bright; 42.5; 36; 50Alp UMa ; 1.80; 6300;occ; 85; 0;14162
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
23;-1018.4; 14-NOV-2004 11:50:36; Bright; 37.0; 121; 29Gam Vir ; 2.74; 7200;occ; 74; 0;14162
24;-920.7; 14-NOV-2004 11:52:14; Dark ; 85.0; 22; 32Alp Leo ; 1.36; 15200;occ; 170; 0;14162
25;-755.1; 14-NOV-2004 11:54:59; Dark ; 42.0; 163; 7Del Crv ; 2.94; 11000;occ; 84; 0;14162
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
29;-14.8; 14-NOV-2004 12:07:20; Dark ; 38.5; 12; Alp1Cru ; 0.77; 30000;occ; 77; 0;14162
30; 105.7; 14-NOV-2004 12:09:20; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14163
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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33; 440.0; 14-NOV-2004 12:14:54; Dark ; 57.5; 70; Zet Pup ; 2.25; 39000;occ; 115; 0;14163
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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2;-4237.1; 14-NOV-2004 12:37:33; Dark ; 99.5; 7; 19Bet Ori ; 0.10; 14000;occ; 199; 0;14163
3;-4061.6; 14-NOV-2004 12:40:29; Dark ; 53.5; 94; 92Alp Cet ; 2.53; 3100;occ; 107; 0;14163
4;-3774.2; 14-NOV-2004 12:45:16; Bright; 37.0; 105; 6Bet Ari ; 2.64; 8900;occ; 74; 0;14163
5;-3633.6; 14-NOV-2004 12:47:37; Bright; 47.0; 146; 25Eta Tau ; 2.87; 15200;occ; 94; 0;14163
6;-3532.9; 14-NOV-2004 12:49:17; Bright; 37.0; 173; 4Bet Tri ; 3.00; 8900;occ; 74; 0;14163
7;-3409.5; 14-NOV-2004 12:51:21; Bright; 37.5; 73; 57Gam1And ; 2.26; 13100;occ; 75; 0;14163
8;-3321.5; 14-NOV-2004 12:52:49; Bright; 44.5; 149; 45Eps Per ; 2.89; 30000;occ; 89; 0;14163
9;-3217.6; 14-NOV-2004 12:54:33; Bright; 43.0; 35; 33Alp Per ; 1.79; 6250;occ; 86; 0;14163
10;-3107.1; 14-NOV-2004 12:56:23; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;14163
11;-2988.8; 14-NOV-2004 12:58:21; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;14163
12;-2615.8; 14-NOV-2004 13:04:34; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;14163
13;-2355.0; 14-NOV-2004 13:08:55; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;14163
14;-2244.7; 14-NOV-2004 13:10:46; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;14163
15;-2153.2; 14-NOV-2004 13:12:17; Bright; 42.5; 36; 50Alp UMa ; 1.80; 6300;occ; 85; 0;14163
16;-2055.4; 14-NOV-2004 13:13:55; Bright; 43.5; 82; 48Bet UMa ; 2.37; 10600;occ; 87; 0;14163
17;-1919.0; 14-NOV-2004 13:16:11; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;14163
18;-1813.3; 14-NOV-2004 13:17:57; Bright; 45.0; 174; 52Psi UMa ; 3.00; 4400;occ; 90; 0;14163
19;-1709.7; 14-NOV-2004 13:19:41; Bright; 36.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 73; 0;14163
20;-1432.3; 14-NOV-2004 13:24:18; Bright; 34.5; 3; 16Alp Boo ;-0.05; 4250;occ; 69; 0;14163
21;-1204.1; 14-NOV-2004 13:28:06; Bright; 98.0; 166; 17Eps Leo ; 2.98; 6000;occ; 196; 0;14163
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
24; -755.3; 14-NOV-2004 13:35:35; Dark ; 42.5; 163; 7Del Crv ; 2.94; 11000;occ; 85; 0;14163
25; -626.8; 14-NOV-2004 13:37:43; Dark ; 44.5; 171; 2Eps Crv ; 3.00; 4250;occ; 89; 0;14163
26; -249.0; 14-NOV-2004 13:44:01; Dark ; 39.5; 64; Gam Cen ; 2.20; 10600;occ; 79; 0;14163
27; -112.2; 14-NOV-2004 13:46:18; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14163
28; -14.4; 14-NOV-2004 13:47:56; Dark ; 39.5; 12; Alp1Cru ; 0.77; 30000;occ; 79; 0;14163
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
36; 1069.9; 14-NOV-2004 14:06:00; Dark ; 53.0; 108; Alp Col ; 2.65; 15200;occ; 106; 0;14164
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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1;-4541.2; 14-NOV-2004 14:13:05; Dark ; 212.0; 1; 9Alp CMA ;-1.44; 11000;occ; 424; 0;14164
2;-4237.6; 14-NOV-2004 14:18:09; Dark ; 100.5; 7; 19Bet Ori ; 0.10; 14000;occ; 201; 0;14164
3;-4062.1; 14-NOV-2004 14:21:04; Dark ; 48.5; 94; 92Alp Cet ; 2.53; 3100;occ; 97; 0;14164
4;-3774.6; 14-NOV-2004 14:25:52; Bright; 39.5; 105; 6Bet Ari ; 2.64; 8900;occ; 79; 0;14164
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
8;-3322.8; 14-NOV-2004 14:33:23; Bright; 45.0; 149; 45Eps Per ; 2.89; 30000;occ; 90; 0;14164
9;-3218.1; 14-NOV-2004 14:35:08; Bright; 42.5; 35; 33Alp Per ; 1.79; 6250;occ; 85; 0;14164
10;-3108.2; 14-NOV-2004 14:36:58; Bright; 37.5; 110; 37Del Cas ; 2.68; 8900;occ; 75; 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
13;-2618.1; 14-NOV-2004 14:45:08; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;14164
14;-2355.2; 14-NOV-2004 14:49:31; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;14164
15;-2244.7; 14-NOV-2004 14:51:22; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;14164
16;-2154.0; 14-NOV-2004 14:52:52; Bright; 40.5; 36; 50Alp UMa ; 1.80; 6300;occ; 81; 0;14164
17;-2055.5; 14-NOV-2004 14:54:31; Bright; 42.5; 82; 48Bet UMa ; 2.37; 10600;occ; 85; 0;14164
18;-1919.4; 14-NOV-2004 14:56:47; Bright; 52.0; 39; 85Eta UMa ; 1.85; 24000;occ; 104; 0;14164
19;-1813.4; 14-NOV-2004 14:58:33; Bright; 42.5; 174; 52Psi UMa ; 3.00; 4400;occ; 85; 0;14164
20;-1709.8; 14-NOV-2004 15:00:16; Bright; 36.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 73; 0;14164
21;-1432.7; 14-NOV-2004 15:04:54; Bright; 34.5; 3; 16Alp Boo ;-0.05; 4250;occ; 69; 0;14164
22;-1203.5; 14-NOV-2004 15:08:43; Bright; 93.5; 166; 17Eps Leo ; 2.98; 6000;occ; 187; 0;14164

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23;-1019.3; 14-NOV-2004 15:11:47; Bright; 43.0; 121; 29Gam Vir ; 2.74; 7200;occ; 86; 0;14164  
 24; -918.0; 14-NOV-2004 15:13:28; Dark ; 84.0; 22; 32Alp Leo ; 1.36; 15200;occ; 168; 0;14164  
 25; -757.4; 14-NOV-2004 15:16:09; Dark ; 44.0; 163; 7Del Crv ; 2.94; 11000;occ; 88; 0;14164  
 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

/nas1/ENVISAT/GOMOS/from\_DDS/GOM\_NL\_\_0PNPDE20041114\_204343\_000044192032\_00086\_14168\_1110.N1  
 (corrupted file due to acquisition failures)

Problem occurred when reading packet number 973!

1;-5246.8; 14-NOV-2004 20:43:43; Dark ; 84.5; 88; 31Eta CMA ; 2.45; 20000;occ; 169; 0;14168  
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 3;-4963.4; 14-NOV-2004 20:48:27; Dark ; 56.5; 108; Alp Col ; 2.65; 15200;occ; 113; 1;14168  
 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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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  
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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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28; 2398.3; 15-NOV-2004 03:52:56; Bright; 44.5; 146; 25Eta Tau ; 2.87; 15200;occ; 89; 0;14172

29; 2502.8; 15-NOV-2004 03:54:41; Bright; 36.5; 173; 4Bet Tri ; 3.00; 8900;occ; 73; 1;14172  
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 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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 6;-1708.2; 15-NOV-2004 04:25:06; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;14172  
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 17; 524.3; 15-NOV-2004 05:02:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14173  
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 23; 1500.2; 15-NOV-2004 05:18:34; Dark ; 77.5; 101; 11Alp Lep ; 2.58; 7000;occ; 155; 1;14173  
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 26; 1809.8; 15-NOV-2004 05:23:44; Dark ; 96.5; 7; 19Bet Ori ; 0.10; 14000;occ; 193; 29;14173  
 27; 1973.9; 15-NOV-2004 05:26:28; Dark ; 50.5; 94; 92Alp Cet ; 2.53; 3100;occ; 101; 0;14173  
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 33; 3036.2; 15-NOV-2004 05:44:10; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 1;14173  
 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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 23; 1500.4; 15-NOV-2004 06:59:10; Dark ; 78.5; 101; 11Alp Lep ; 2.58; 7000;occ; 157; 0;14174  
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 29; 454.7; 15-NOV-2004 08:22:20; Dark ; 55.5; 70; Zet Pup ; 2.25; 39000;occ; 111; 0;14175  
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 33; 1077.0; 15-NOV-2004 08:32:43; Dark ; 59.0; 108; Alp Col ; 2.65; 15200;occ; 118; 0;14175  
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 13;-2352.9; 15-NOV-2004 09:16:09; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;14175  
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21;-1190.5; 15-NOV-2004 12:56:43; Dark ; 101.5; 166; 17Eps Leo ; 2.98; 6000;occ; 203; 0;14177
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 33; 940.9; 15-NOV-2004 13:32:14; Dark ; 88.0; 23; 21Eps CMA ; 1.50; 26000;occ; 176; 0;14178  
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 18;-1707.5; 15-NOV-2004 14:28:42; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;14178  
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7;-1578.1; 18-NOV-2004 04:33:01; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;14215  
8;-1425.6; 18-NOV-2004 04:35:33; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;14215  
9;-1281.8; 18-NOV-2004 04:37:57; Bright; 51.5; 96; 68Del Leo ; 2.56; 9300;occ; 103; 0;14215  
10;-1139.8; 18-NOV-2004 04:40:19; Bright; 88.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 177; 0;14215  
11; -839.7; 18-NOV-2004 04:45:19; Dark ; 107.5; 22; 32Alp Leo ; 1.36; 15200;occ; 215; 0;14215  
12; -630.2; 18-NOV-2004 04:48:49; Dark ; 43.0; 106; 9Bet Crv ; 2.65; 5600;occ; 86; 0;14215  
13; -237.3; 18-NOV-2004 04:55:22; Dark ; 39.0; 64; Gam Cen ; 2.20; 10600;occ; 78; 0;14215  
14; -5.5; 18-NOV-2004 04:59:13; Dark ; 40.5; 12; Alp1Cru ; 0.77; 30000;occ; 81; 0;14215  
15; 126.4; 18-NOV-2004 05:01:25; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14216  
16; 254.3; 18-NOV-2004 05:03:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14216  
17; 370.8; 18-NOV-2004 05:05:30; Dark ; 50.5; 41; Eps Car ; 1.86; 4100;occ; 101; 0;14216  
18; 504.0; 18-NOV-2004 05:07:43; Dark ; 56.5; 70; Zet Pup ; 2.25; 39000;occ; 113; 0;14216  
19; 701.3; 18-NOV-2004 05:11:00; Dark ; 51.5; 2; Alp Car ;-0.74; 7000;occ; 103; 0;14216  
20; 858.8; 18-NOV-2004 05:13:38; Dark ; 81.5; 88; 31Eta CMA ; 2.45; 20000;occ; 163; 0;14216  
21; 1014.4; 18-NOV-2004 05:16:13; Dark ; 115.0; 37; 25Del CMA ; 1.83; 5900;occ; 230; 0;14216  
22; 1208.4; 18-NOV-2004 05:19:27; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14216  
23; 1503.6; 18-NOV-2004 05:24:22; Dark ; 169.5; 1; 9Alp CMA ;-1.44; 11000;occ; 339; 0;14216  
24; 1780.0; 18-NOV-2004 05:28:59; Dark ; 82.0; 7; 19Bet Ori ; 0.10; 14000;occ; 164; 0;14216  
25; 1972.2; 18-NOV-2004 05:32:11; Dark ; 48.0; 94; 92Alp Cet ; 2.53; 3100;occ; 96; 0;14216  
26; 2266.4; 18-NOV-2004 05:37:05; Bright; 37.5; 105; 6Bet Ari ; 2.64; 8900;occ; 75; 0;14216  
27; 2377.1; 18-NOV-2004 05:38:56; Bright; 43.5; 146; 25Eta Tau ; 2.87; 15200;occ; 87; 0;14216  
28; 2501.9; 18-NOV-2004 05:41:01; Bright; 36.5; 173; 4Bet Tri ; 3.00; 8900;occ; 73; 0;14216  
29; 2626.0; 18-NOV-2004 05:43:05; Bright; 38.0; 73; 57Gam1And ; 2.26; 13100;occ; 76; 0;14216  
30; 2800.7; 18-NOV-2004 05:46:00; Bright; 39.0; 35; 33Alp Per ; 1.79; 6250;occ; 78; 0;14216  
31; 2895.9; 18-NOV-2004 05:47:35; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;14216  
32; 2991.9; 18-NOV-2004 05:49:11; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;14216  
33; 3160.8; 18-NOV-2004 05:52:00; Bright; 60.0; 42; 34Bet Aur ; 1.90; 10200;occ; 120; 0;14216  
34; 3420.1; 18-NOV-2004 05:56:19; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;14216

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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!

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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
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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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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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29;	402.1;	21-NOV-2004	15:15:22;	Dark	;	45.5;	41;	Eps Car	;	1.86;	4100;occ;	91;	0;	14265
30;	483.2;	21-NOV-2004	15:16:43;	Dark	;	53.0;	34;	Gam2Vel	;	1.79;	23000;occ;	106;	0;	14265
31;	731.6;	21-NOV-2004	15:20:51;	Dark	;	60.0;	2;	Alp Car	;	-0.74;	7000;occ;	120;	0;	14265
32;	1035.9;	21-NOV-2004	15:25:55;	Dark	;	80.0;	23;	21Eps CMa	;	1.50;	26000;occ;	160;	0;	14265
33;	1218.6;	21-NOV-2004	15:28:58;	Dark	;	39.5;	157;	The1Eri	;	2.91;	9300;occ;	79;	0;	14265

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3;	-4816.5;	21-NOV-2004	20:30:47;	Dark	;	41.5;	157;	The1Eri	;	2.91;	9300;occ;	83;	0;	14268
4;	-4558.3;	21-NOV-2004	20:35:05;	Dark	;	89.0;	47;	2Bet CMa	;	1.98;	28000;occ;	178;	0;	14268
5;	-4390.1;	21-NOV-2004	20:37:53;	Dark	;	50.5;	165;	34Gam Eri	;	2.95;	3200;occ;	101;	0;	14268
6;	-4269.1;	21-NOV-2004	20:39:54;	Dark	;	73.0;	7;	19Bet Ori	;	0.10;	14000;occ;	146;	0;	14268
7;	-4032.5;	21-NOV-2004	20:43:51;	Dark	;	83.0;	30;	46Eps Ori	;	1.69;	30000;occ;	166;	0;	14268
8;	-3762.7;	21-NOV-2004	20:48:21;	Bright;		37.0;	105;	6Bet Ari	;	2.64;	8900;occ;	74;	0;	14268
9;	-3678.1;	21-NOV-2004	20:49:45;	Bright;		42.0;	146;	25Eta Tau	;	2.87;	15200;occ;	84;	0;	14268
10;	-3532.6;	21-NOV-2004	20:52:11;	Bright;		36.0;	173;	4Bet Tri	;	3.00;	8900;occ;	72;	0;	14268
11;	-3408.2;	21-NOV-2004	20:54:15;	Bright;		36.0;	73;	57Gam1And	;	2.26;	13100;occ;	72;	0;	14268
12;	-3264.9;	21-NOV-2004	20:56:39;	Bright;		38.0;	175;	39Del Per	;	3.01;	19400;occ;	76;	0;	14268
13;	-3127.9;	21-NOV-2004	20:58:55;	Bright;		40.0;	68;	18Alp Cas	;	2.22;	4500;occ;	80;	0;	14268
14;	-3056.3;	21-NOV-2004	21:00:07;	Bright;		38.5;	74;	11Bet Cas	;	2.27;	6600;occ;	77;	0;	14268
15;	-2941.3;	21-NOV-2004	21:02:02;	Bright;		57.0;	42;	34Bet Aur	;	1.90;	10200;occ;	114;	0;	14268
16;	-2615.6;	21-NOV-2004	21:07:28;	Bright;		37.5;	49;	1Alp UMi	;	1.99;	6300;occ;	75;	0;	14268
17;	-2344.4;	21-NOV-2004	21:11:59;	Bright;		36.0;	60;	7Bet UMi	;	2.08;	3950;occ;	72;	0;	14268
18;	-2211.7;	21-NOV-2004	21:14:12;	Bright;		37.5;	119;	14Eta Dra	;	2.73;	4700;occ;	75;	0;	14268
19;	-2080.4;	21-NOV-2004	21:16:23;	Bright;		46.0;	82;	48Bet UMa	;	2.37;	10600;occ;	92;	0;	14268
20;	-1990.9;	21-NOV-2004	21:17:53;	Bright;		41.5;	87;	64Gam UMa	;	2.43;	11000;occ;	83;	0;	14268
21;	-1825.6;	21-NOV-2004	21:20:38;	Bright;		50.0;	174;	52Psi UMa	;	3.00;	4400;occ;	100;	0;	14268
22;	-1699.3;	21-NOV-2004	21:22:44;	Bright;		55.0;	152;	12Alp2CVn	;	2.89;	11000;occ;	110;	0;	14268
23;	-1565.7;	21-NOV-2004	21:24:58;	Bright;		36.5;	83;		;	2.38;	11000;occ;	73;	0;	14268
24;	-1415.5;	21-NOV-2004	21:27:28;	Bright;		35.5;	3;	16Alp Boo	;	-0.05;	4250;occ;	71;	0;	14268
25;	-1257.2;	21-NOV-2004	21:30:06;	Bright;		57.0;	96;	68Del Leo	;	2.56;	9300;occ;	114;	0;	14268
26;	-1083.3;	21-NOV-2004	21:33:00;	Dark	;	115.0;	51;	41Gam1Leo	;	2.01;	4500;occ;	230;	0;	14268

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2;	-726.5;	21-NOV-2004	21:38:57;	Dark	;	136.0;	22;	32Alp Leo	;	1.36;	15200;occ;	272;	0;	14268
3;	-221.3;	21-NOV-2004	21:47:22;	Dark	;	41.0;	64;	Gam Cen	;	2.20;	10600;occ;	82;	0;	14268
4;	-62.8;	21-NOV-2004	21:50:01;	Dark	;	45.0;	20;	Bet Cru	;	1.25;	30000;occ;	90;	0;	14268
5;	5.8;	21-NOV-2004	21:51:09;	Dark	;	44.0;	12;	Alp1Cru	;	0.77;	30000;occ;	88;	0;	14269
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8; 404.4; 21-NOV-2004 21:57:48; Dark ; 45.5; 41; Eps Car ; 1.86; 4100;occ; 91; 0;14269
9; 487.1; 21-NOV-2004 21:59:11; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;14269
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11; 1039.7; 21-NOV-2004 22:08:23; Dark ; 81.5; 23; 21Eps CMA ; 1.50; 26000;occ; 163; 0;14269
12; 1219.7; 21-NOV-2004 22:11:23; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;14269
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14; 1645.4; 21-NOV-2004 22:18:29; Dark ; 51.0; 165; 34Gam Eri ; 2.95; 3200;occ; 102; 0;14269
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16; 2003.7; 21-NOV-2004 22:24:27; Dark ; 83.5; 30; 46Eps Ori ; 1.69; 30000;occ; 167; 0;14269
17; 2272.7; 21-NOV-2004 22:28:56; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14269
18; 2356.5; 21-NOV-2004 22:30:20; Bright; 44.0; 146; 25Eta Tau ; 2.87; 15200;occ; 88; 0;14269
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21; 2770.2; 21-NOV-2004 22:37:14; Bright; 39.5; 175; 39Del Per ; 3.01; 19400;occ; 79; 0;14269
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23; 2979.4; 21-NOV-2004 22:40:43; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;14269
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25; 3419.9; 21-NOV-2004 22:48:03; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;14269
26; 3690.6; 21-NOV-2004 22:52:34; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;14269
27; 3824.1; 21-NOV-2004 22:54:48; Bright; 36.0; 119; 14Eta Dra ; 2.73; 4700;occ; 72; 0;14269
28; 3956.1; 21-NOV-2004 22:57:00; Bright; 45.0; 82; 48Bet UMa ; 2.37; 10600;occ; 90; 0;14269
29; 4044.9; 21-NOV-2004 22:58:28; Bright; 43.0; 87; 64Gam UMa ; 2.43; 11000;occ; 86; 0;14269
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31; 4336.2; 21-NOV-2004 23:03:20; Bright; 38.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 77; 0;14269
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33; 4620.0; 21-NOV-2004 23:08:03; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;14269
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6; 234.6; 21-NOV-2004 23:35:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14270
7; 319.4; 21-NOV-2004 23:36:59; Dark ; 38.0; 29; Bet Car ; 1.67; 10200;occ; 76; 0;14270
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11; 823.1; 21-NOV-2004 23:45:22; Dark ; 111.5; 132; 15Rho Pup ; 2.80; 6900;occ; 223; 0;14270
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13; 1219.9; 21-NOV-2004 23:51:59; Dark ; 39.5; 157; The1Eri ; 2.91; 9300;occ; 79; 0;14270
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32; 4620.2; 22-NOV-2004 00:48:39; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14270
33; 4779.1; 22-NOV-2004 00:51:18; Bright; 59.0; 96; 68Del Leo ; 2.56; 9300;occ; 118; 0;14270
34; 4955.3; 22-NOV-2004 00:54:15; Dark ; 111.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 223; 0;14270
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22;-1416.5; 21-NOV-2004 16:25:39; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;14265
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24;-1086.6; 21-NOV-2004 16:31:09; Dark ; 103.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 207; 0;14265
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34; 484.4; 30-NOV-2004 20:35:46; Dark ; 54.5; 41; Eps Car ; 1.86; 4100;occ; 109; 0;14397
35; 604.8; 30-NOV-2004 20:37:47; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;14397
36; 806.4; 30-NOV-2004 20:41:08; Dark ; 58.0; 2; Alp Car ;-0.74; 7000;occ; 116; 0;14397
37; 918.7; 30-NOV-2004 20:43:01; Dark ; 61.0; 117; Pi Pup ; 2.71; 3800;occ; 122; 0;14397

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