

GOMOS Daily Report 19-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	21NOV2004 05:01:39
Data source version	GOMOS/4.02
Start time of products	QDS_YESTERDAY(/START)-1D (19NOV2004 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP)-1D (20NOV2004 00:00:00)

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

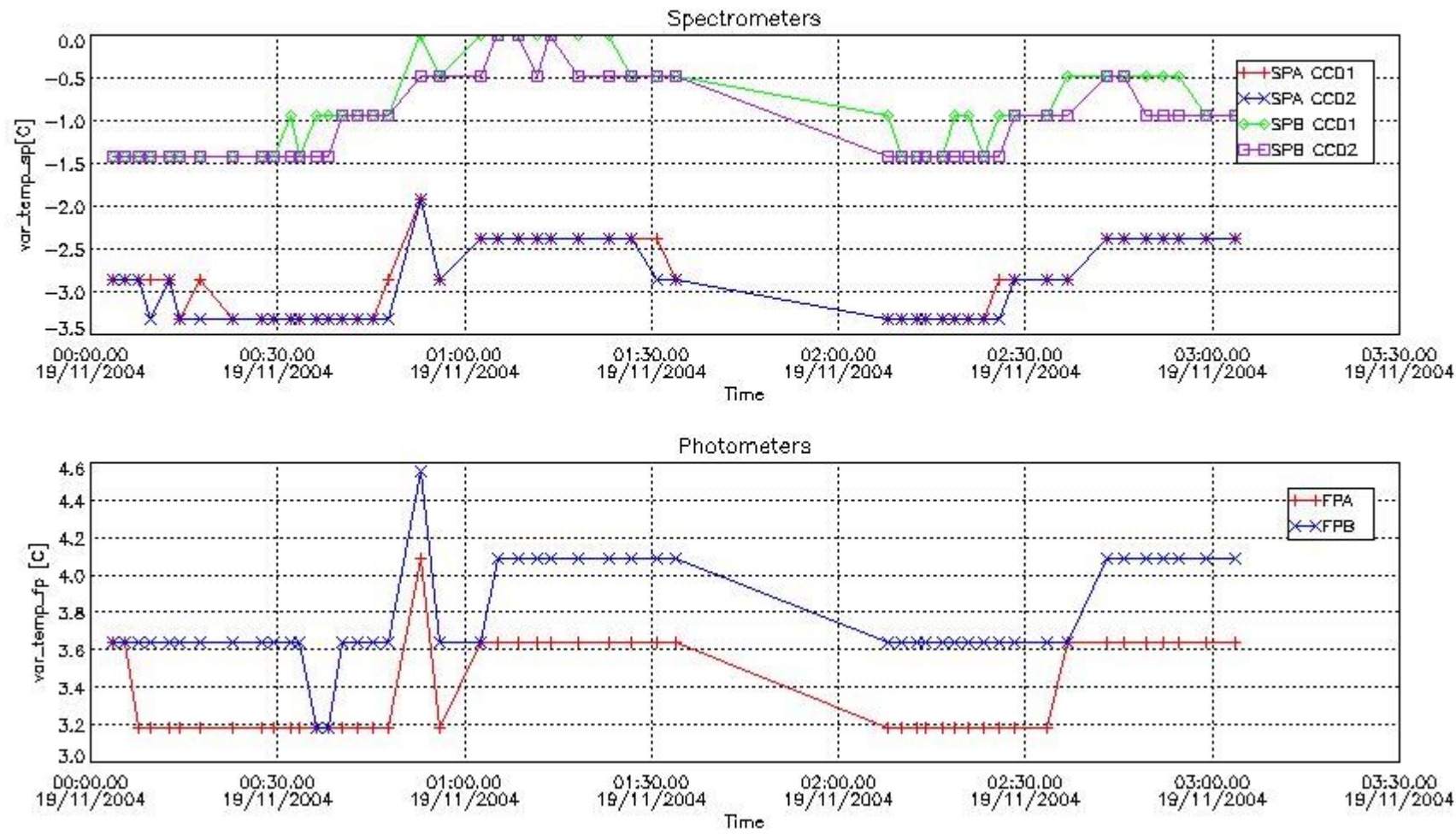
2. Summary of products arrived in PCF (Product Control Facility)

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

2.2 Summary of processed GOM_TRA_1P products

Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
GOM_TRA_1PNPDE20041119_000340_000000402032_00145_14227_0013.N1	19-NOV-2004 00:03:40	Bright	39.500	105	6Bet Ari	2.6450	8900.0	79	14227	No
GOM_TRA_1PNPDE20041119_000527_000000432032_00145_14227_0014.N1	19-NOV-2004 00:05:27	Bright	43.000	146	25Eta Tau	2.8730	15200.	86	14227	No
GOM_TRA_1PNPDE20041119_000735_000000372032_00145_14227_0015.N1	19-NOV-2004 00:07:35	Bright	37.000	173	4Bet Tri	3.0040	8900.0	74	14227	No
GOM_TRA_1PNPDE20041119_000939_000000422032_00145_14227_0016.N1	19-NOV-2004 00:09:39	Bright	41.500	73	57Gam1And	2.2600	13100.	83	14227	No
GOM_TRA_1PNPDE20041119_001231_000000392032_00145_14227_0017.N1	19-NOV-2004 00:12:31	Bright	38.500	35	33Alp Per	1.7950	6250.0	77	14227	No
GOM_TRA_1PNPDE20041119_001412_000000382032_00145_14227_0018.N1	19-NOV-2004 00:14:12	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	14227	No
GOM_TRA_1PNPDE20041119_001726_000000692032_00145_14227_0019.N1	19-NOV-2004 00:17:26	Bright	68.500	107	37The Aur	2.6490	11000.	137	14227	No
GOM_TRA_1PNPDE20041119_002253_000000402032_00145_14227_0020.N1	19-NOV-2004 00:22:53	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	14227	No
GOM_TRA_1PNPDE20041119_002721_000000402032_00145_14227_0021.N1	19-NOV-2004 00:27:21	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	14227	No
GOM_TRA_1PNPDE20041119_002925_000000382032_00145_14227_0022.N1	19-NOV-2004 00:29:25	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	14227	No
GOM_TRA_1PNPDE20041119_003201_000000442032_00145_14227_0023.N1	19-NOV-2004 00:32:01	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	14227	No
GOM_TRA_1PNPDE20041119_003324_000000432032_00145_14227_0024.N1	19-NOV-2004 00:33:24	Bright	42.500	87	64Gam UMa	2.4330	11000.	85	14227	No
GOM_TRA_1PNPDE20041119_003610_000000472032_00145_14227_0025.N1	19-NOV-2004 00:36:10	Bright	47.000	174	52Psi UMa	3.0040	4400.0	94	14227	No
GOM_TRA_1PNPDE20041119_003807_000000372032_00145_14227_0026.N1	19-NOV-2004 00:38:07	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	14227	No
GOM_TRA_1PNPDE20041119_004016_000000372032_00145_14227_0027.N1	19-NOV-2004 00:40:16	Bright	37.000	83		2.3780	11000.	74	14227	No
GOM_TRA_1PNPDE20041119_004247_000000362032_00145_14227_0028.N1	19-NOV-2004 00:42:47	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	14227	No
GOM_TRA_1PNPDE20041119_004514_000000502032_00145_14227_0029.N1	19-NOV-2004 00:45:14	Bright	49.500	96	68Del Leo	2.5600	9300.0	99	14227	No
GOM_TRA_1PNPDE20041119_004742_000000962032_00145_14227_0030.N1	19-NOV-2004 00:47:42	Twilight	96.000	51	41Gam1Leo	2.0100	4500.0	192	14227	No
GOM_TRA_1PNPDE20041119_005253_000001132032_00145_14227_0000.N1	19-NOV-2004 00:52:53	Twilight	112.50	22	32Alp Leo	1.3600	15200.	225	14227	Yes
GOM_TRA_1PNPDE20041119_005604_000000452032_00145_14227_0001.N1	19-NOV-2004 00:56:04	Twilight	44.500	106	9Bet Crv	2.6480	5600.0	89	14227	No
GOM_TRA_1PNPDE20041119_010235_000000432032_00145_14227_0002.N1	19-NOV-2004 01:02:35	Dark	42.500	64	Gam Cen	2.2000	10600.	85	14227	No
GOM_TRA_1PNPDE20041119_010519_000000412032_00145_14227_0003.N1	19-NOV-2004 01:05:19	Dark	41.000	20	Bet Cru	1.2530	30000.	82	14227	No
GOM_TRA_1PNPDE20041119_010841_000000402032_00146_14228_0004.N1	19-NOV-2004 01:08:41	Dark	39.500	124	The Car	2.7640	30000.	79	14228	No
GOM_TRA_1PNPDE20041119_011132_000000422032_00146_14228_0005.N1	19-NOV-2004 01:11:32	Dark	41.500	29	Bet Car	1.6720	10200.	83	14228	No
GOM_TRA_1PNPDE20041119_011358_000000532032_00146_14228_0006.N1	19-NOV-2004 01:13:58	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	14228	No
GOM_TRA_1PNPDE20041119_011819_000000532032_00146_14228_0007.N1	19-NOV-2004 01:18:19	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	14228	No
GOM_TRA_1PNPDE20041119_012309_000000752032_00146_14228_0008.N1	19-NOV-2004 01:23:09	Dark	75.000	23	21Eps CMa	1.5020	26000.	150	14228	No
GOM_TRA_1PNPDE20041119_012641_000000412032_00146_14228_0009.N1	19-NOV-2004 01:26:41	Dark	41.000	157	The1Eri	2.9060	9300.0	82	14228	No
GOM_TRA_1PNPDE20041119_013058_000001042032_00146_14228_0010.N1	19-NOV-2004 01:30:58	Twilight	104.00	47	2Bet CMa	1.9760	28000.	208	14228	No
GOM_TRA_1PNPDE20041119_013349_000000542032_00146_14228_0011.N1	19-NOV-2004 01:33:49	Bright	53.500	165	34Gam Eri	2.9500	3200.0	107	14228	No
GOM_TRA_1PNPDE20041119_020757_000000392032_00146_14228_0000.N1	19-NOV-2004 02:07:57	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	14228	No
GOM_TRA_1PNPDE20041119_021002_000000392032_00146_14228_0001.N1	19-NOV-2004 02:10:02	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	14228	No
GOM_TRA_1PNPDE20041119_021237_000000452032_00146_14228_0002.N1	19-NOV-2004 02:12:37	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	14228	No
GOM_TRA_1PNPDE20041119_021359_000000412032_00146_14228_0003.N1	19-NOV-2004 02:13:59	Bright	41.000	87	64Gam UMa	2.4330	11000.	82	14228	No
GOM_TRA_1PNPDE20041119_021645_000000472032_00146_14228_0004.N1	19-NOV-2004 02:16:45	Bright	47.000	174	52Psi UMa	3.0040	4400.0	94	14228	No
GOM_TRA_1PNPDE20041119_021843_000000372032_00146_14228_0005.N1	19-NOV-2004 02:18:43	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	14228	No
GOM_TRA_1PNPDE20041119_022053_000000372032_00146_14228_0006.N1	19-NOV-2004 02:20:53	Bright	37.000	83		2.3780	11000.	74	14228	No
GOM_TRA_1PNPDE20041119_022323_000000352032_00146_14228_0007.N1	19-NOV-2004 02:23:23	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	14228	No
GOM_TRA_1PNPDE20041119_022551_000000612032_00146_14228_0008.N1	19-NOV-2004 02:25:51	Bright	60.500	96	68Del Leo	2.5600	9300.0	121	14228	No
GOM_TRA_1PNPDE20041119_022819_000000892032_00146_14228_0009.N1	19-NOV-2004 02:28:19	Twilight	88.500	51	41Gam1Leo	2.0100	4500.0	177	14228	No
GOM_TRA_1PNPDE20041119_023330_000001162032_00146_14228_0010.N1	19-NOV-2004 02:33:30	Twilight	115.50	22	32Alp Leo	1.3600	15200.	231	14228	No
GOM_TRA_1PNPDE20041119_023641_000000462032_00146_14228_0011.N1	19-NOV-2004 02:36:41	Twilight	46.000	106	9Bet Crv	2.6480	5600.0	92	14228	No
GOM_TRA_1PNPDE20041119_024310_000000452032_00146_14228_0012.N1	19-NOV-2004 02:43:10	Dark	45.000	64	Gam Cen	2.2000	10600.	90	14228	No
GOM_TRA_1PNPDE20041119_024556_000000382032_00146_14228_0013.N1	19-NOV-2004 02:45:56	Dark	37.500	20	Bet Cru	1.2530	30000.	75	14228	No
GOM_TRA_1PNPDE20041119_024917_000000402032_00147_14229_0014.N1	19-NOV-2004 02:49:17	Dark	40.000	124	The Car	2.7640	30000.	80	14229	No
GOM_TRA_1PNPDE20041119_025209_000000422032_00147_14229_0015.N1	19-NOV-2004 02:52:09	Dark	42.000	29	Bet Car	1.6720	10200.	84	14229	No
GOM_TRA_1PNPDE20041119_025435_000000542032_00147_14229_0016.N1	19-NOV-2004 02:54:35	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	14229	No
GOM_TRA_1PNPDE20041119_025854_000000522032_00147_14229_0017.N1	19-NOV-2004 02:58:54	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	14229	No
GOM_TRA_1PNPDE20041119_030346_000000802032_00147_14229_0018.N1	19-NOV-2004 03:03:46	Dark	80.000	23	21Eps CMa	1.5020	26000.	160	14229	No

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



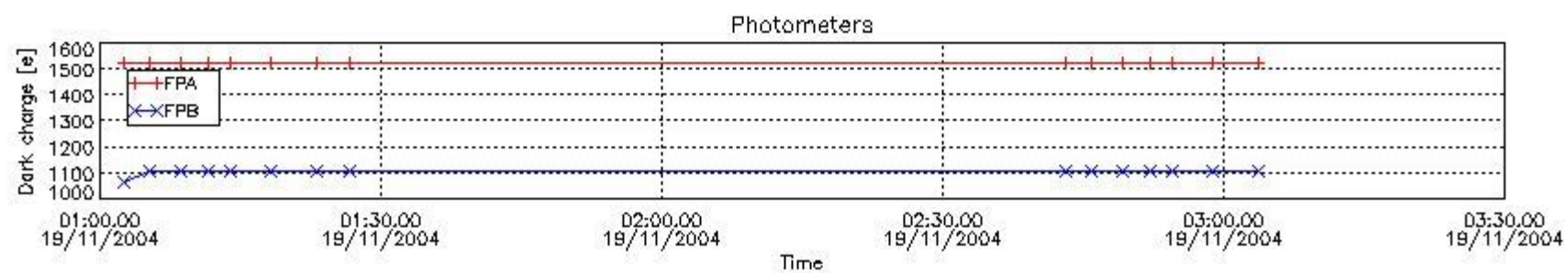
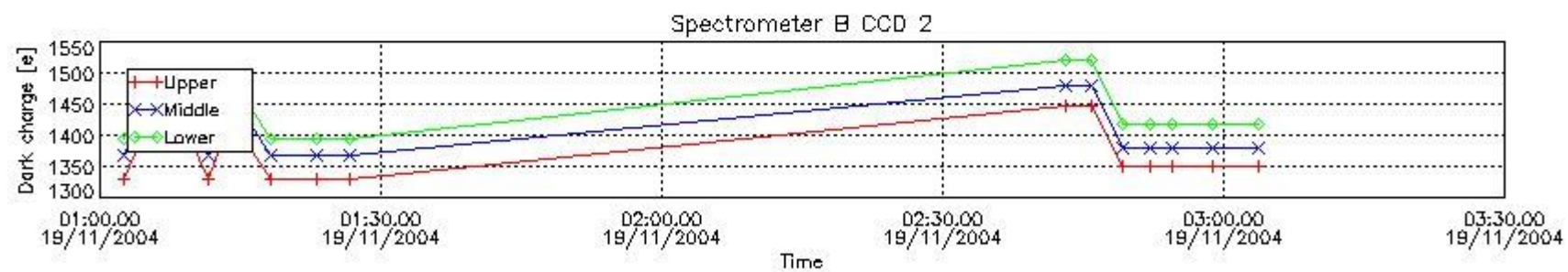
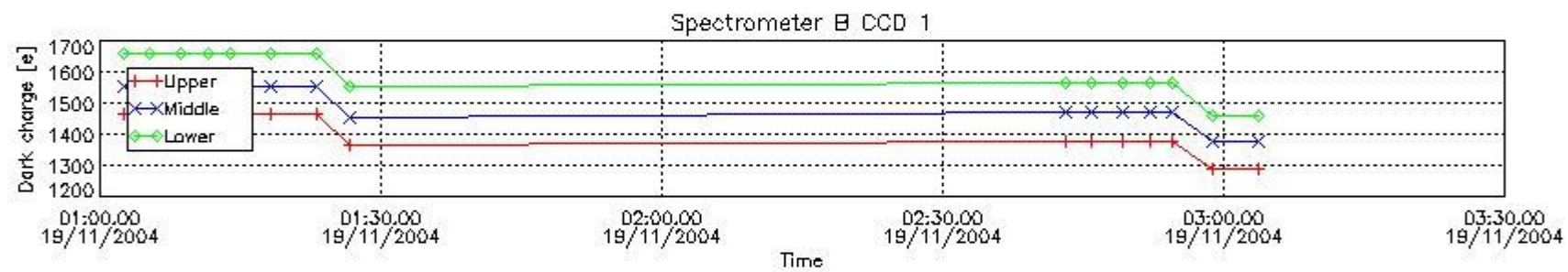
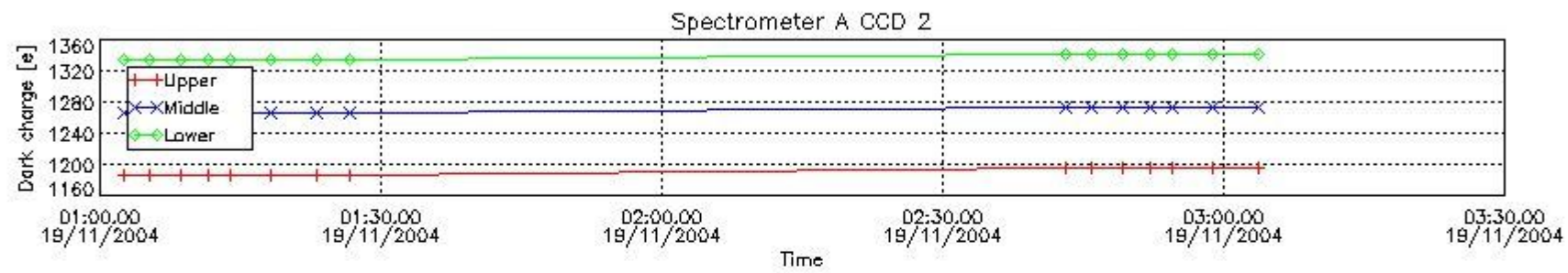
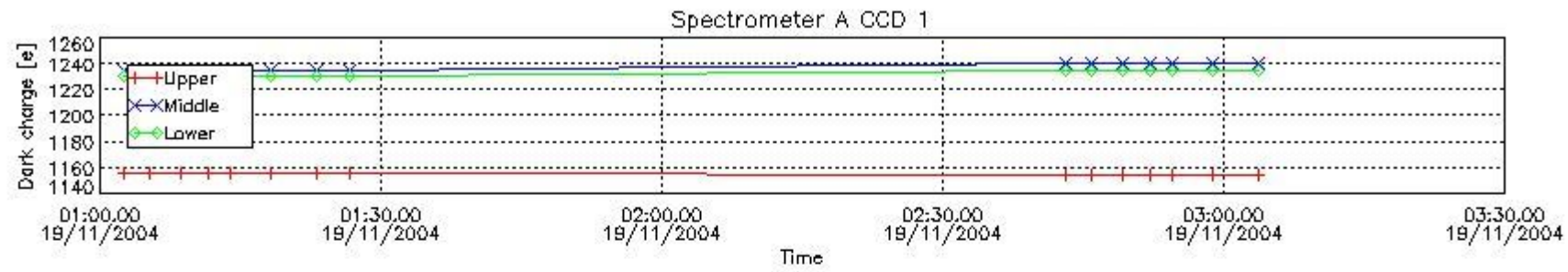
4. Overview of dark signal processing per product

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

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

4.1 All products used the DSA observation for the DC computation

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



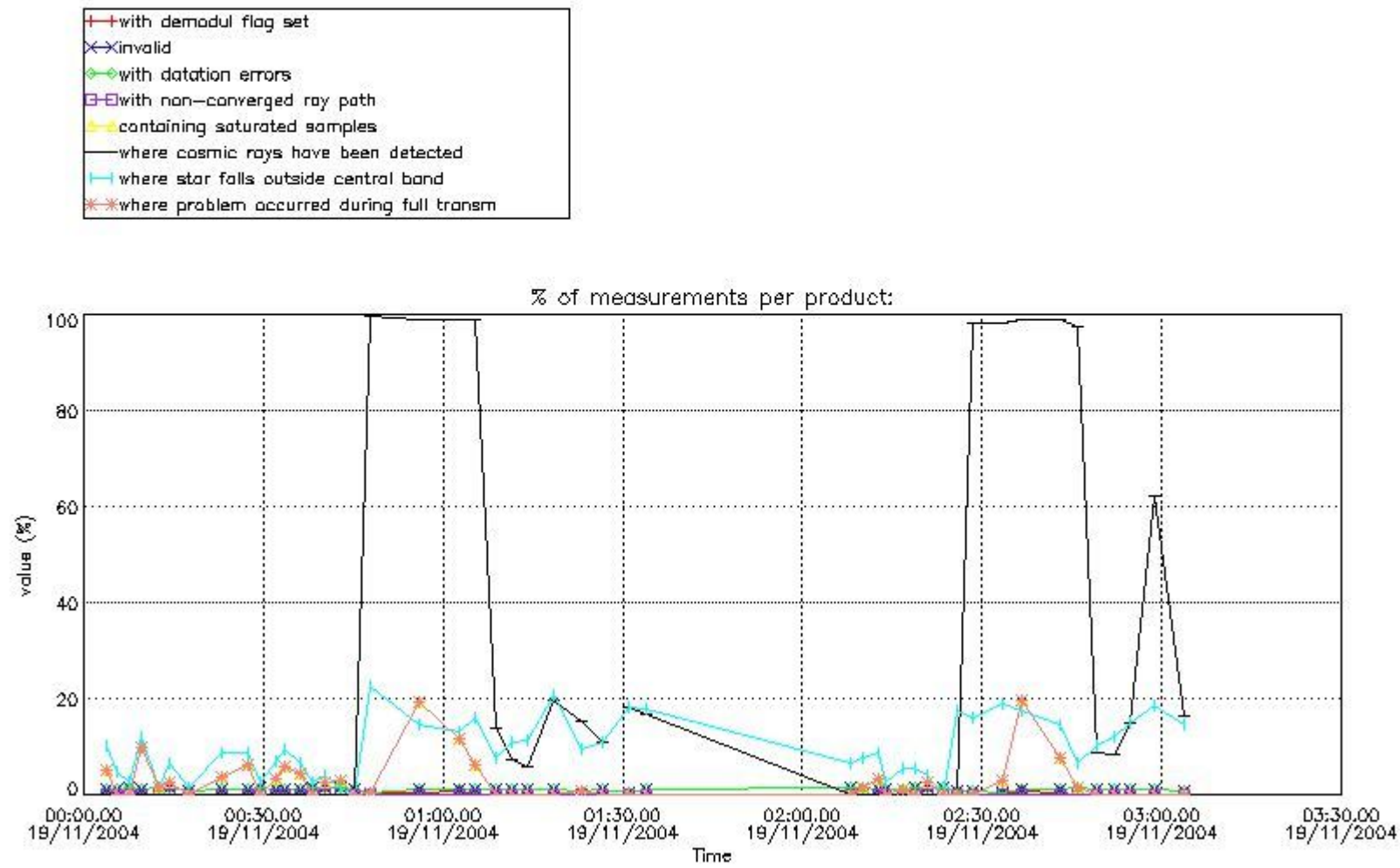
5. Demodulation flag and quality information monitoring

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

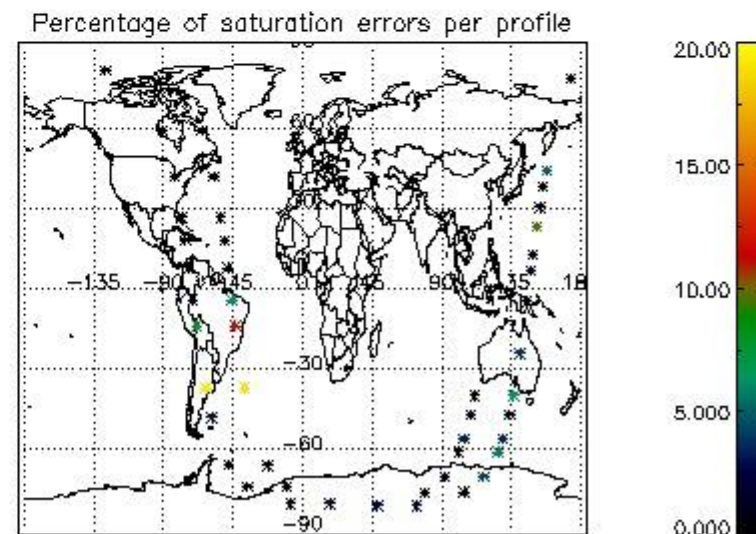
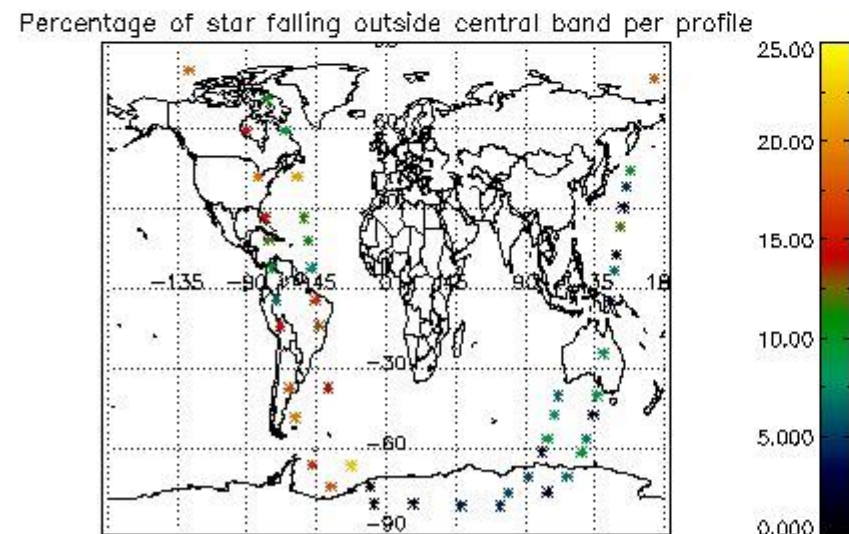
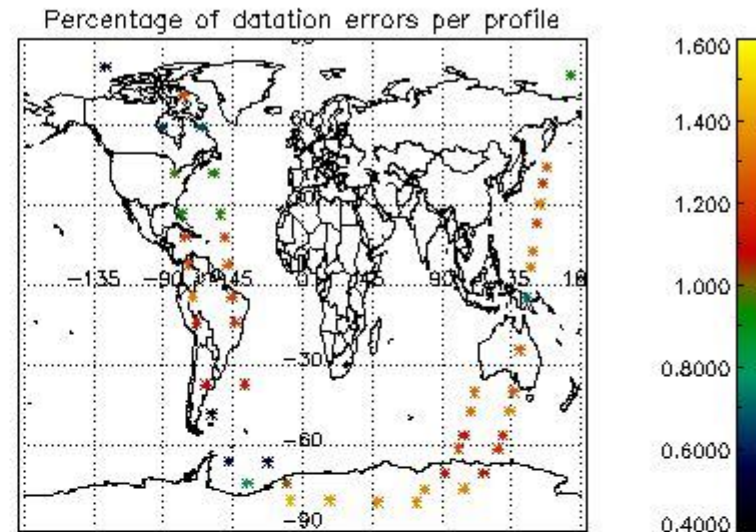
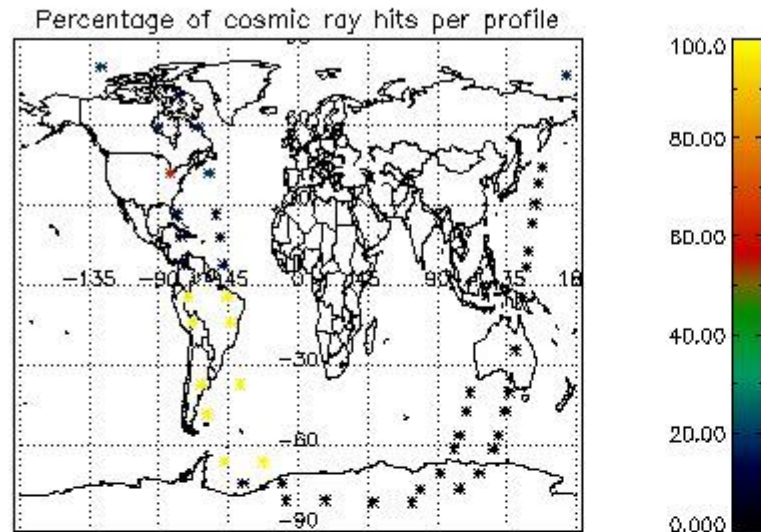
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	20.8333 %
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)



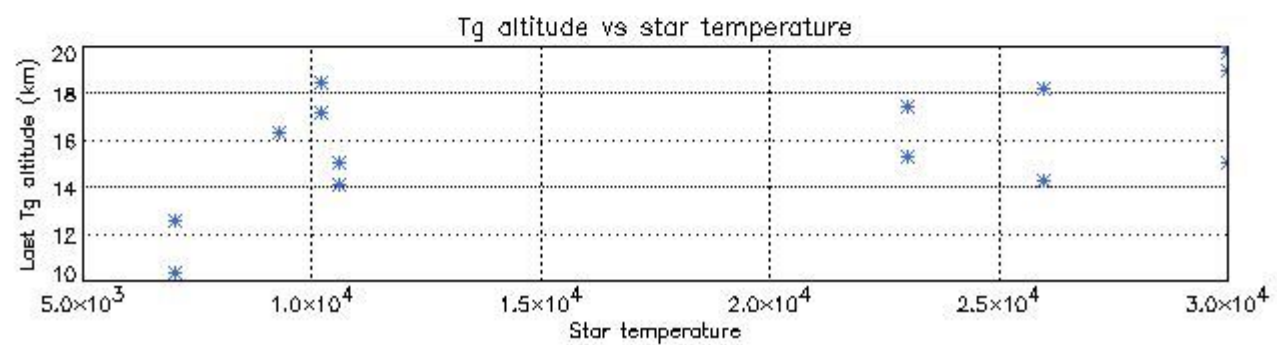
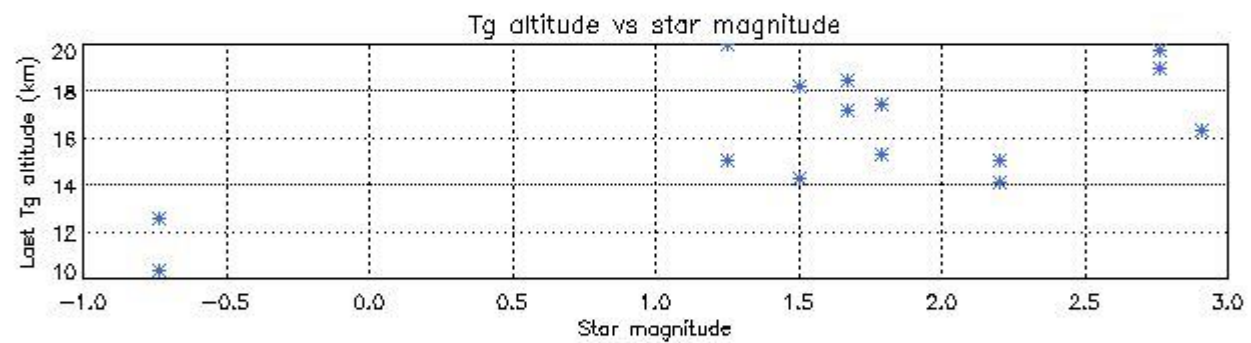
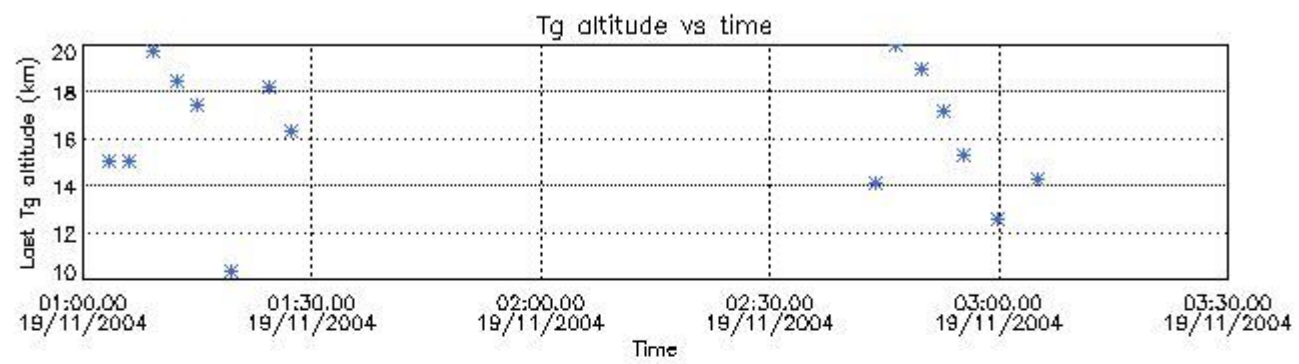
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	16.194	21.151	12.553
St. deviation:	2.7453	3.6594	1.1333
Maximum:	19.994	26.605	13.795
Minimum:	10.348	11.809	10.587
Number of data:	15.000	27.000	6.0000

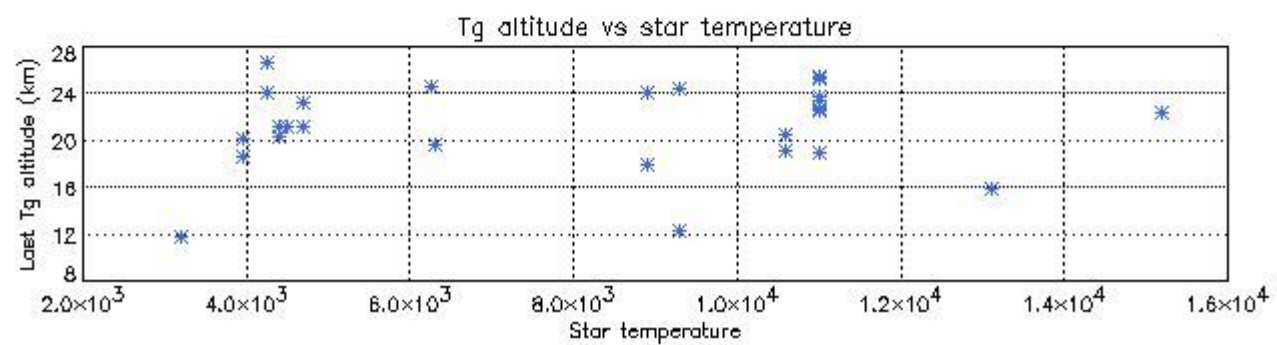
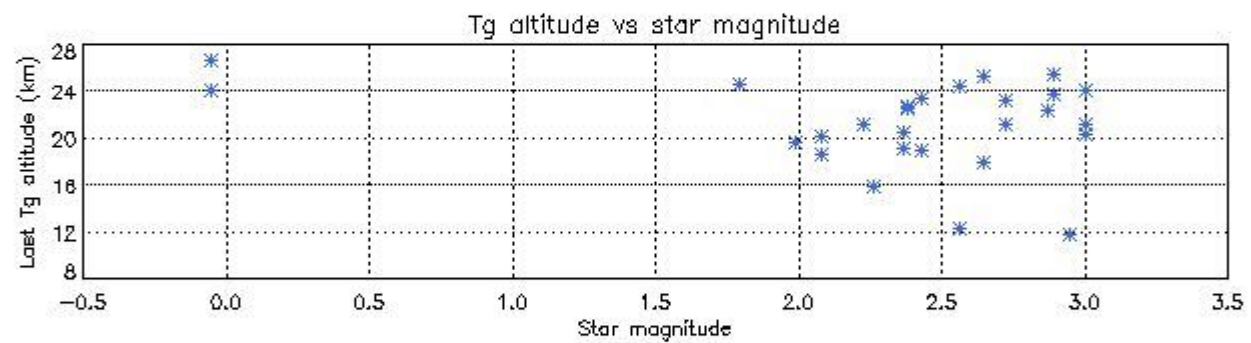
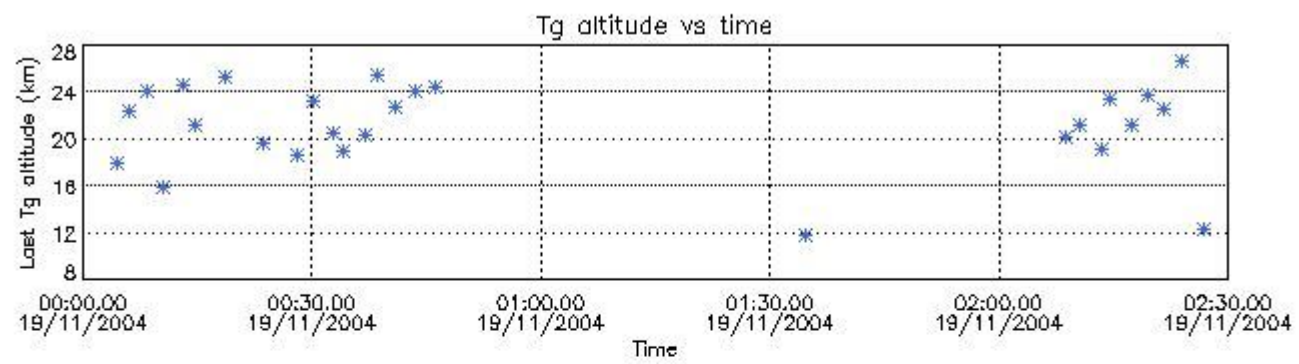
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



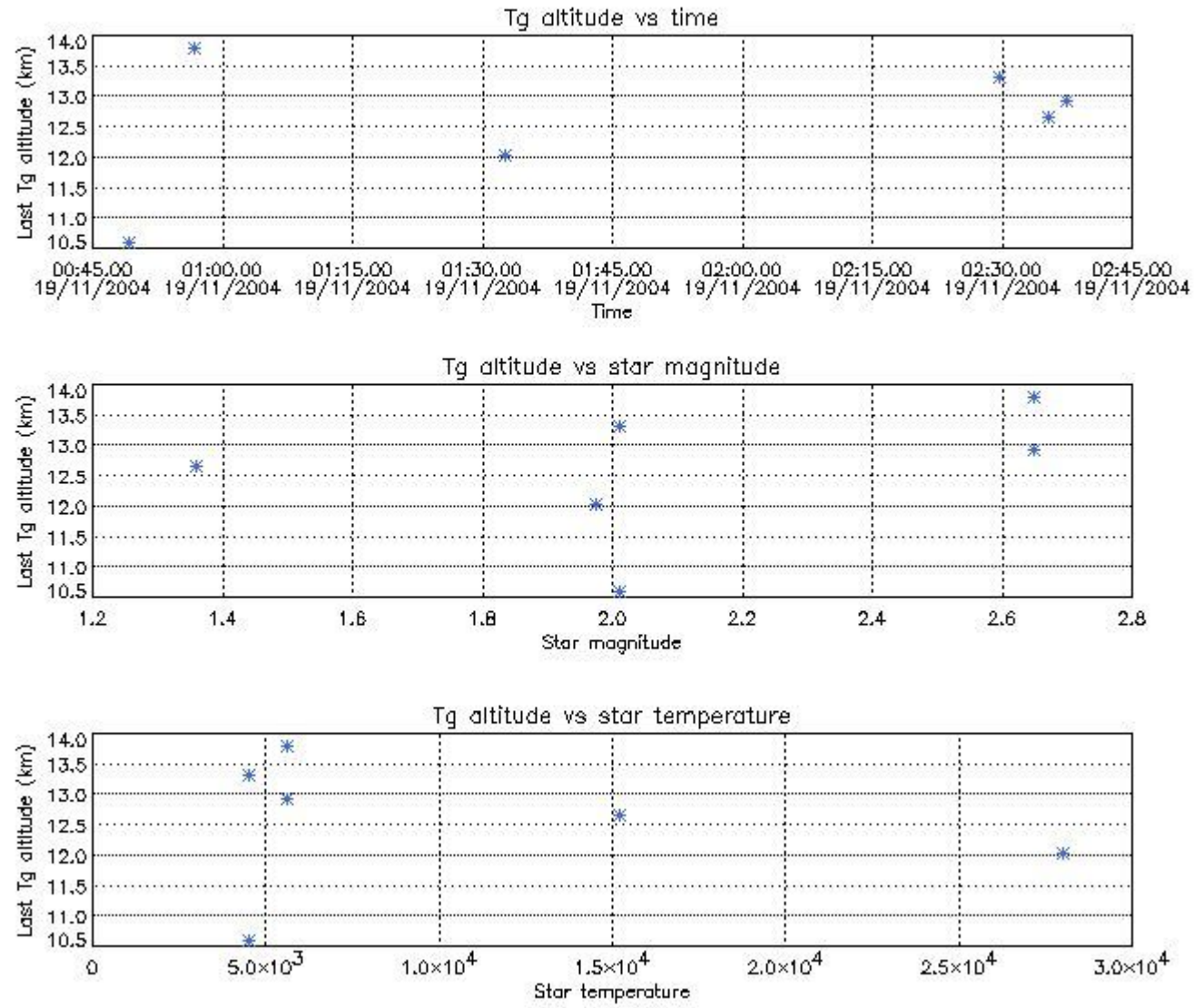
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

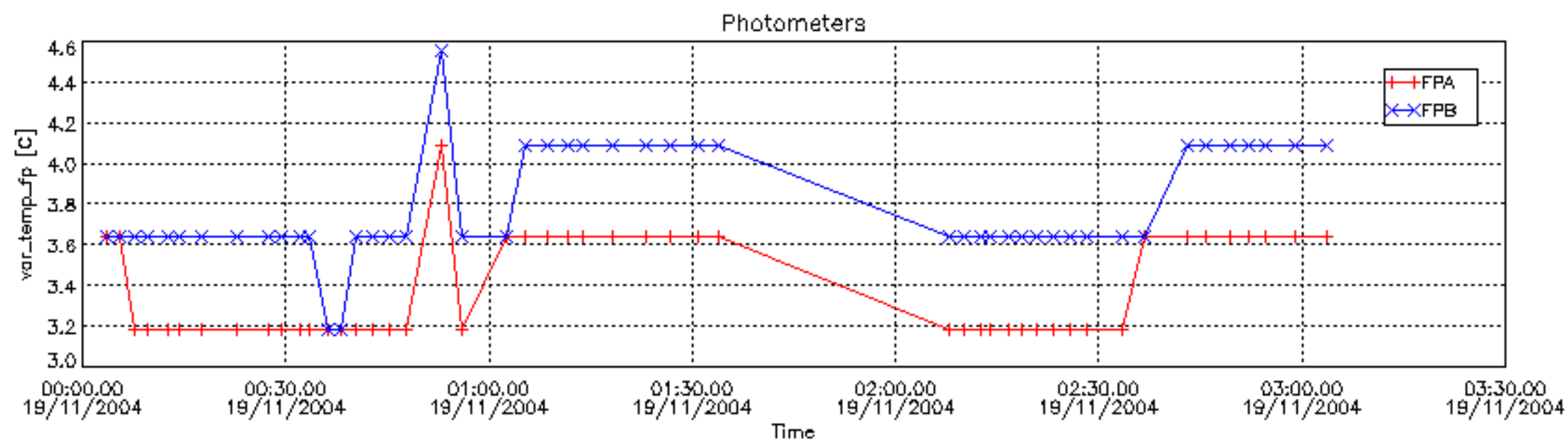
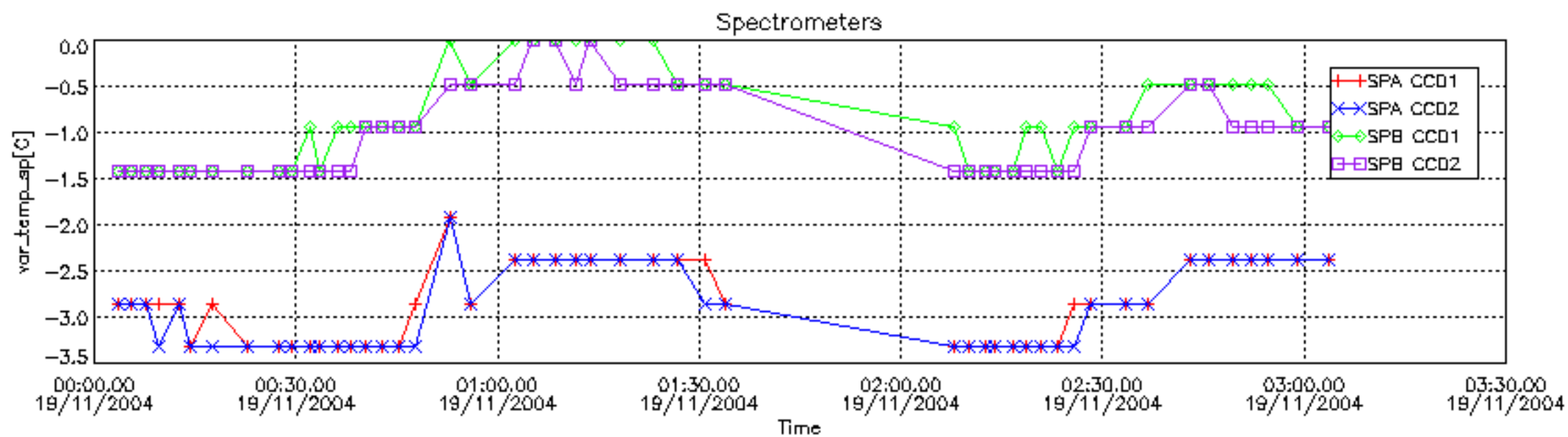
Tangent altitude at which the star is lost

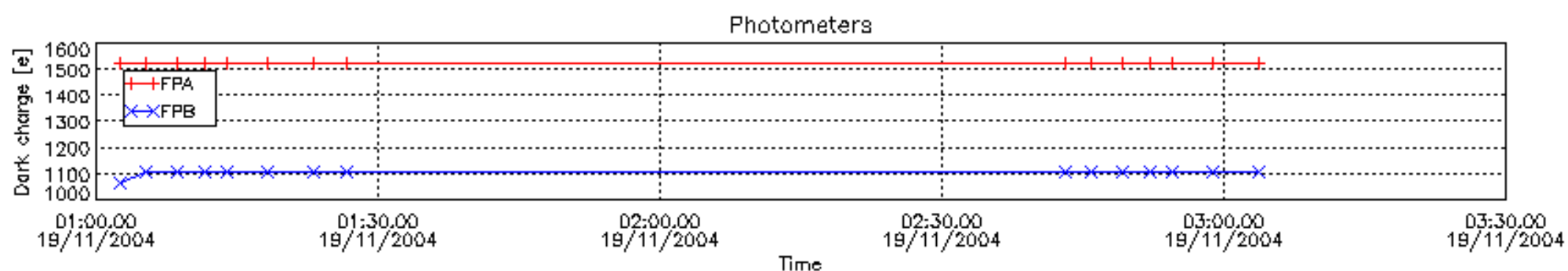
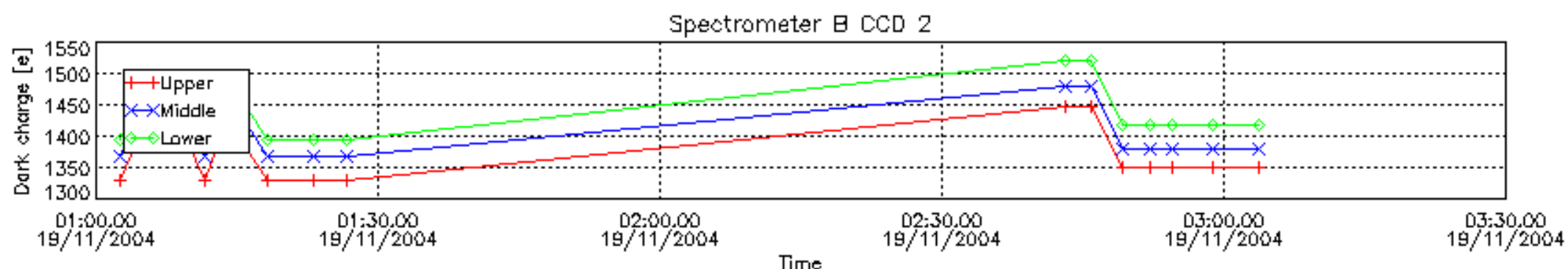
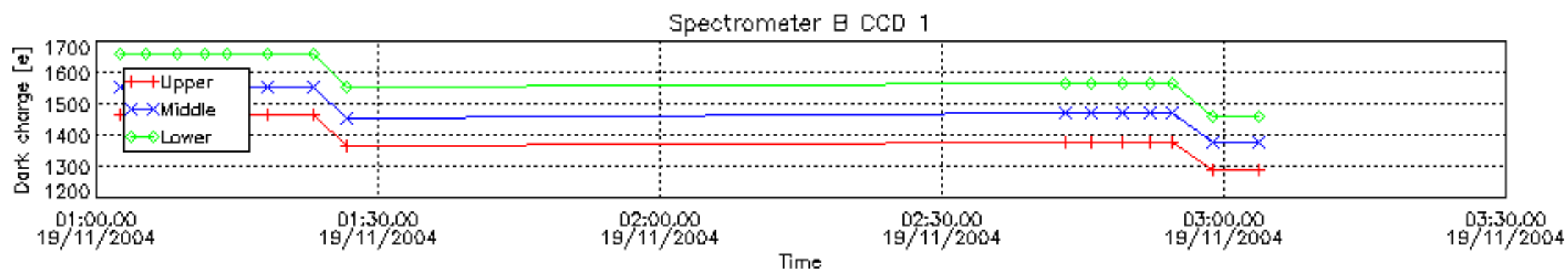
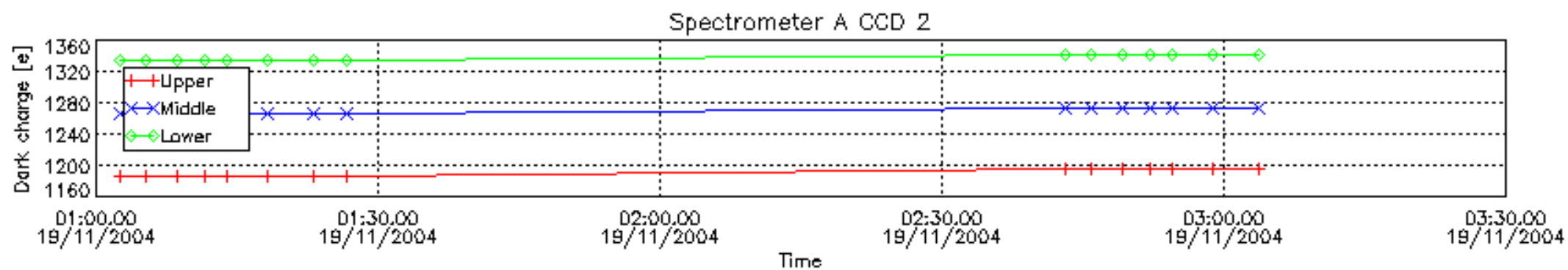
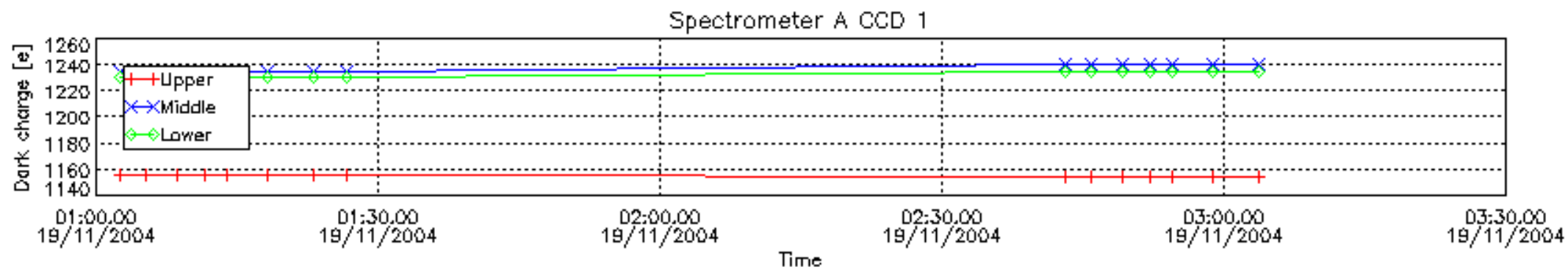


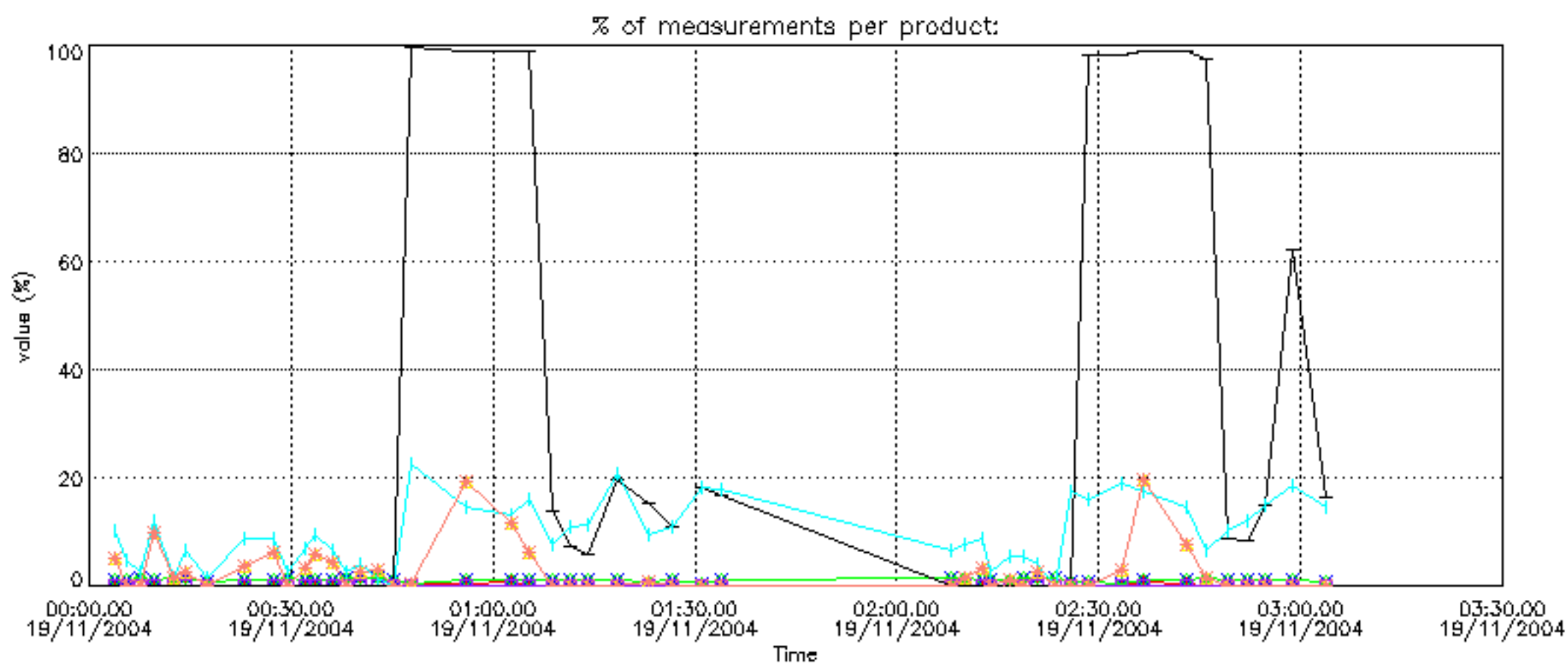
7. Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere. Statistics above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

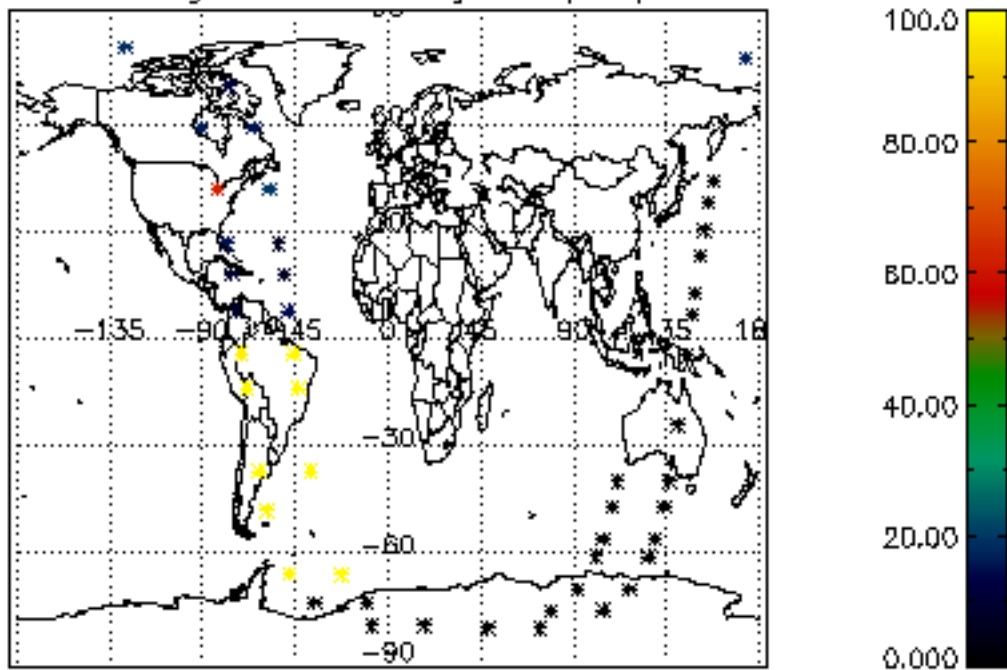
Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	1461.8	1447.1	1461.1	1447.7
St. deviation:	5.4626	7.0662	7.8390	9.7760
Maximum:	1516.0	1490.0	1516.0	1508.0
Minimum:	1449.0	1434.0	1433.0	1408.0
Number of data:	19150.	19150.	30850.	30850.



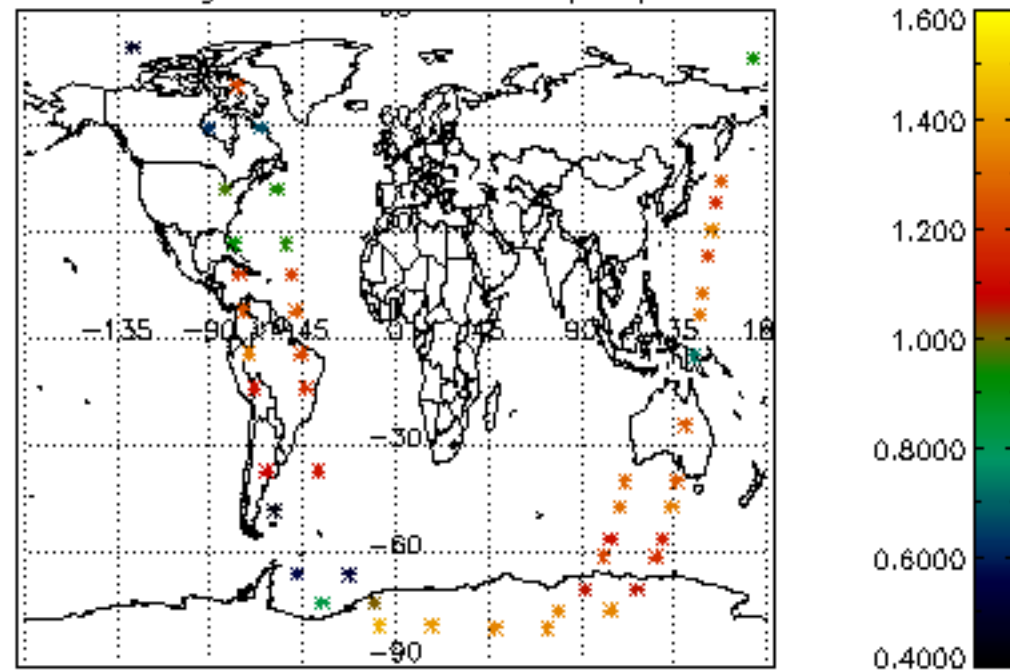




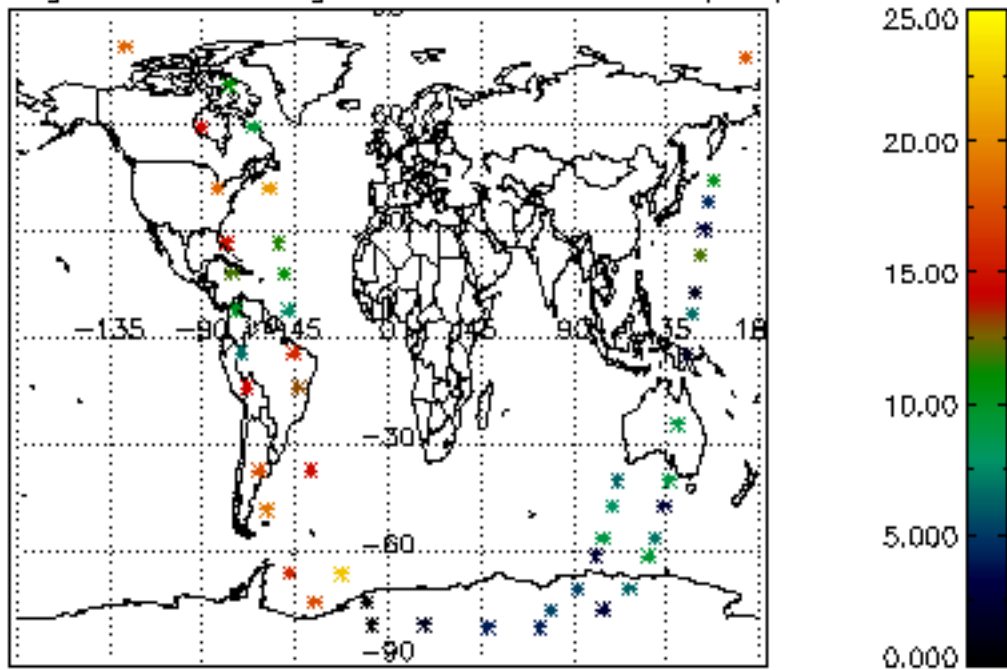
Percentage of cosmic ray hits per profile



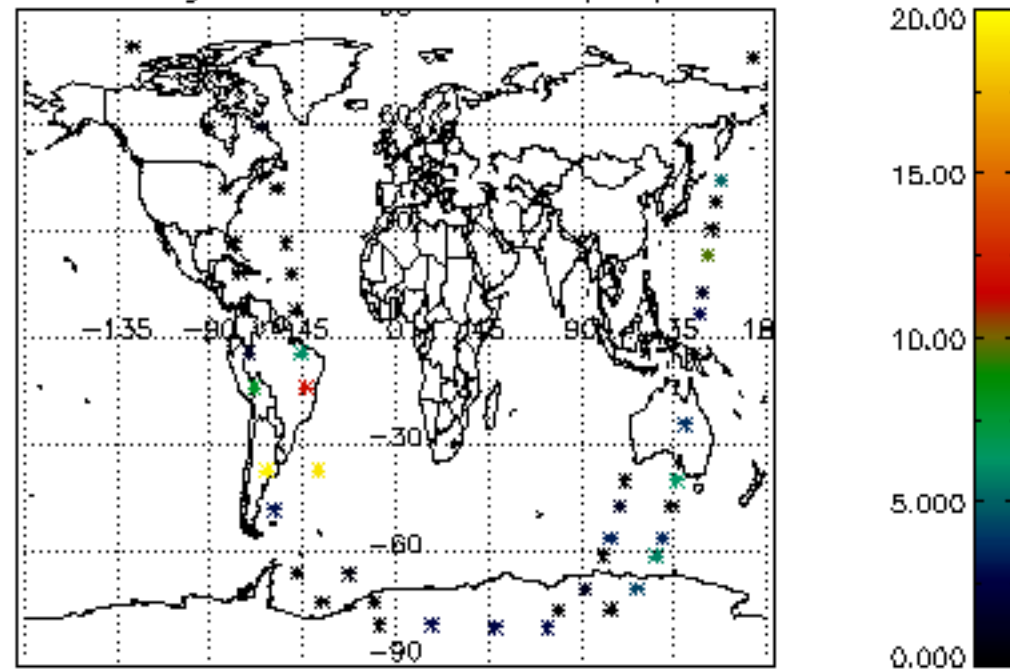
Percentage of datation errors per profile



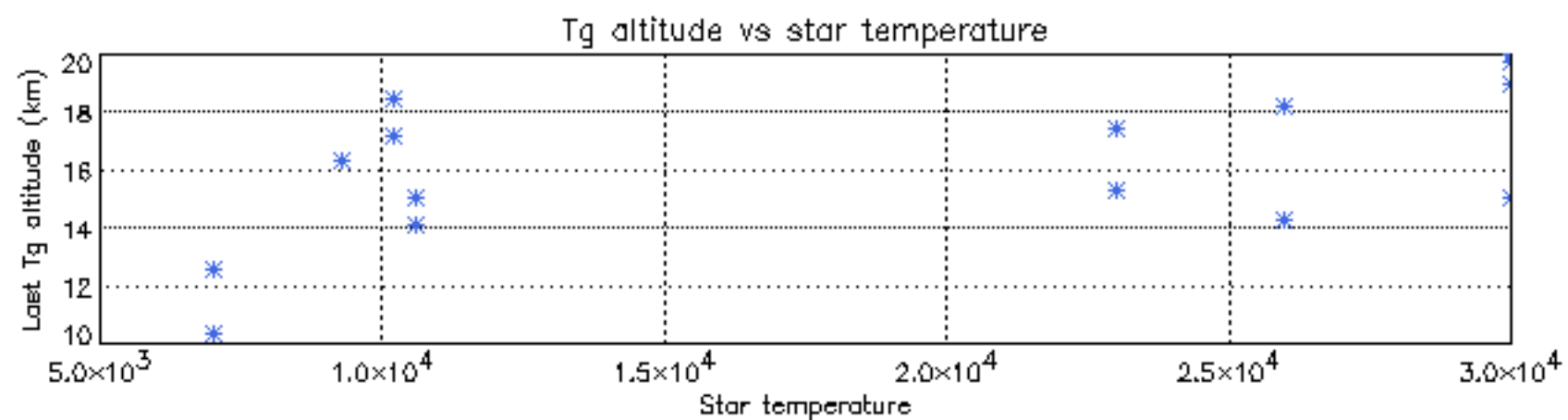
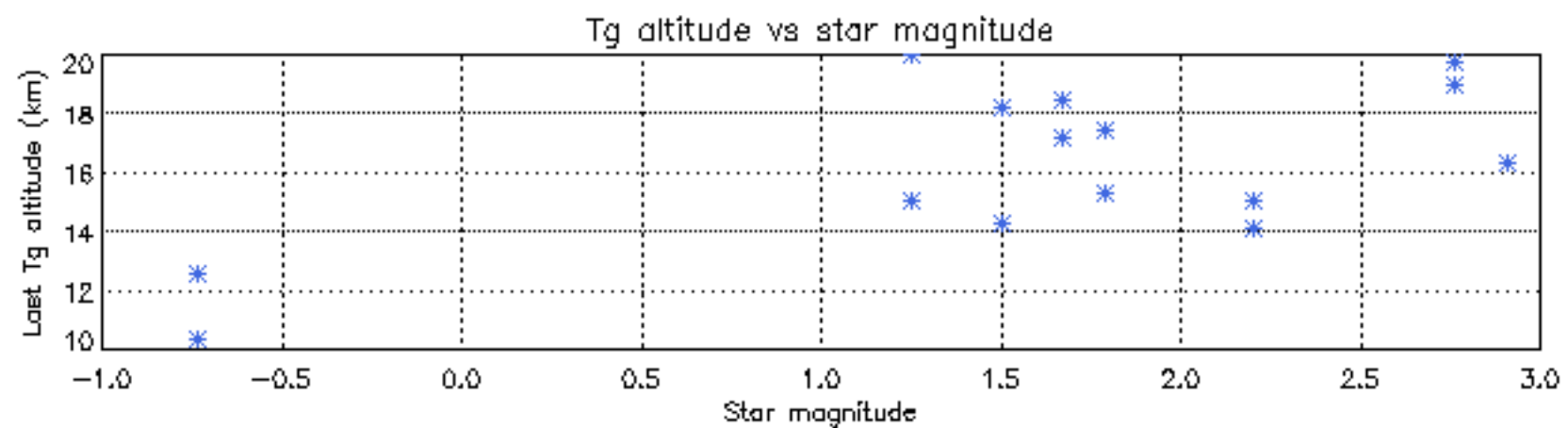
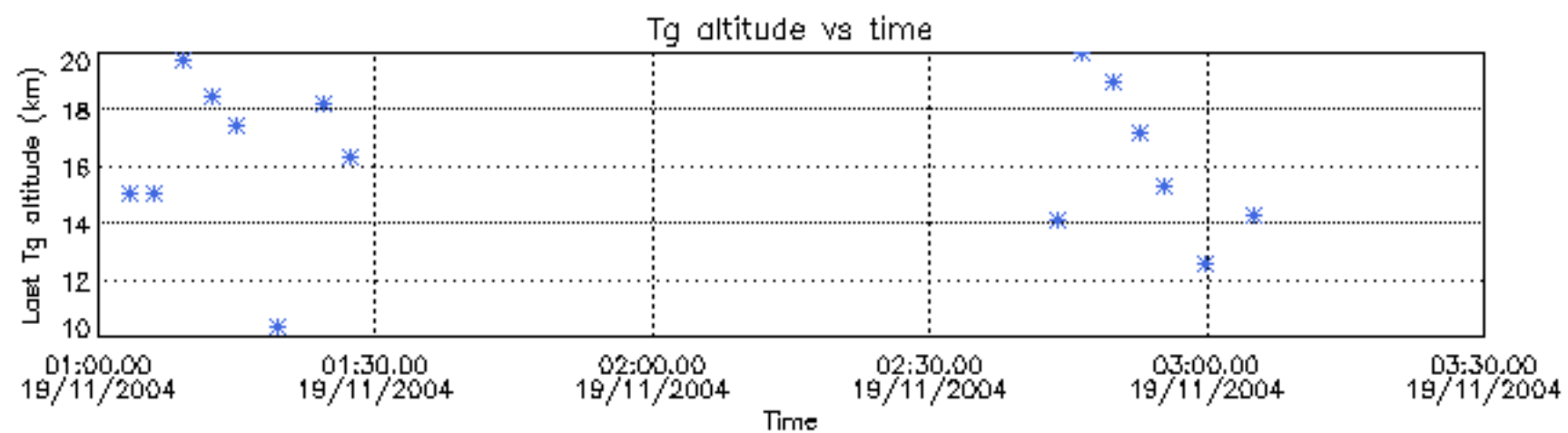
Percentage of star falling outside central band per profile



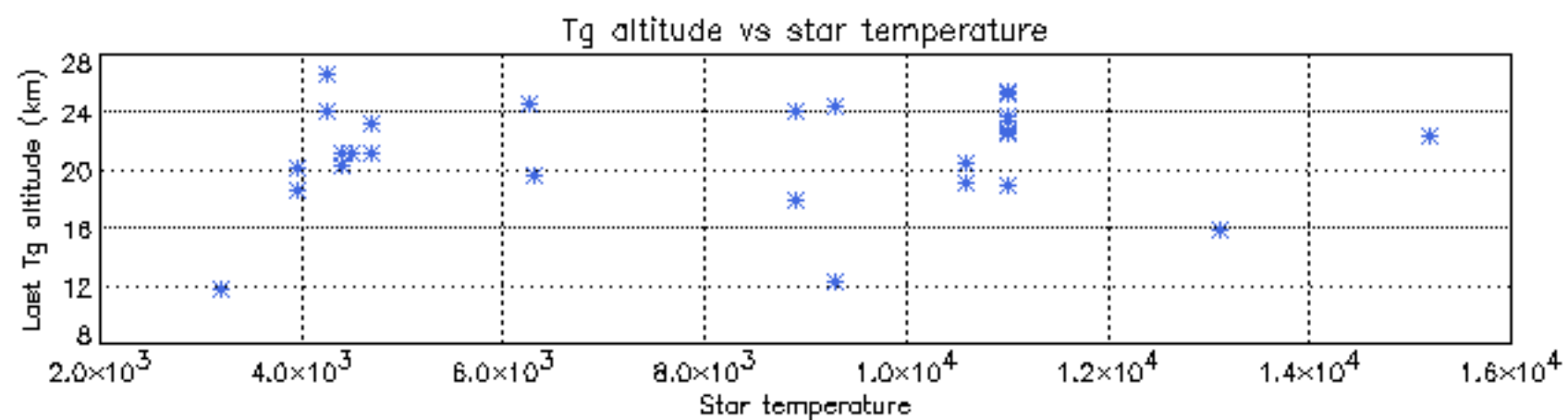
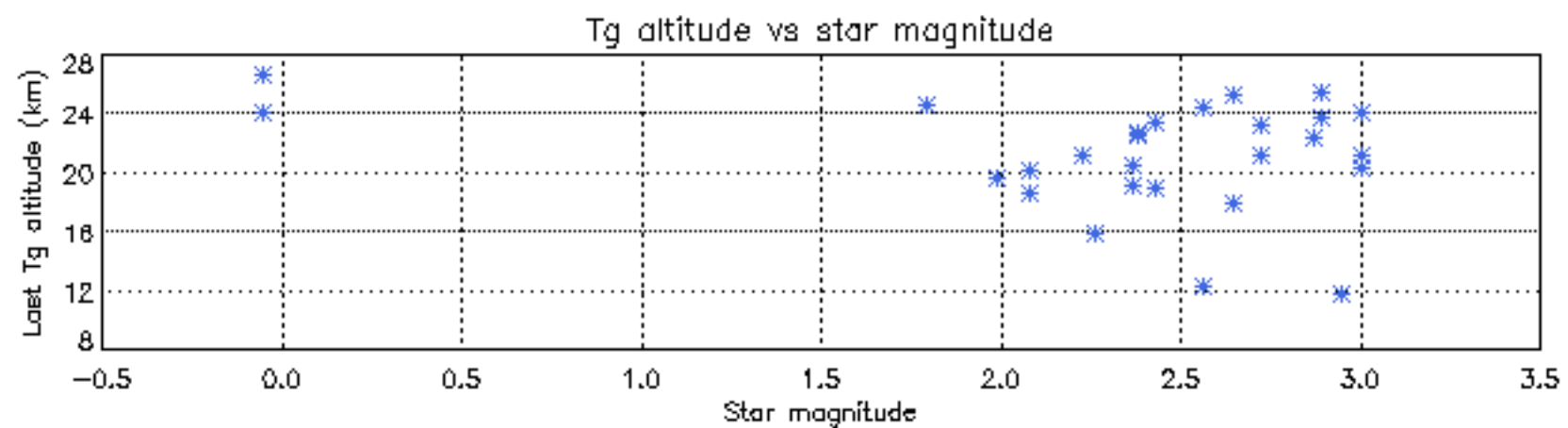
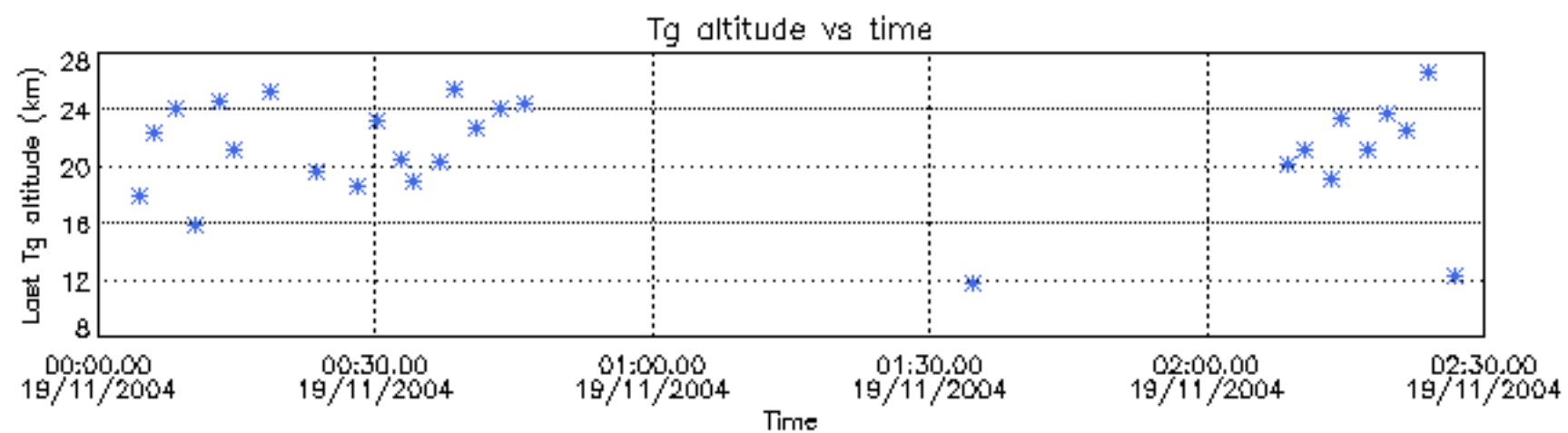
Percentage of saturation errors per profile



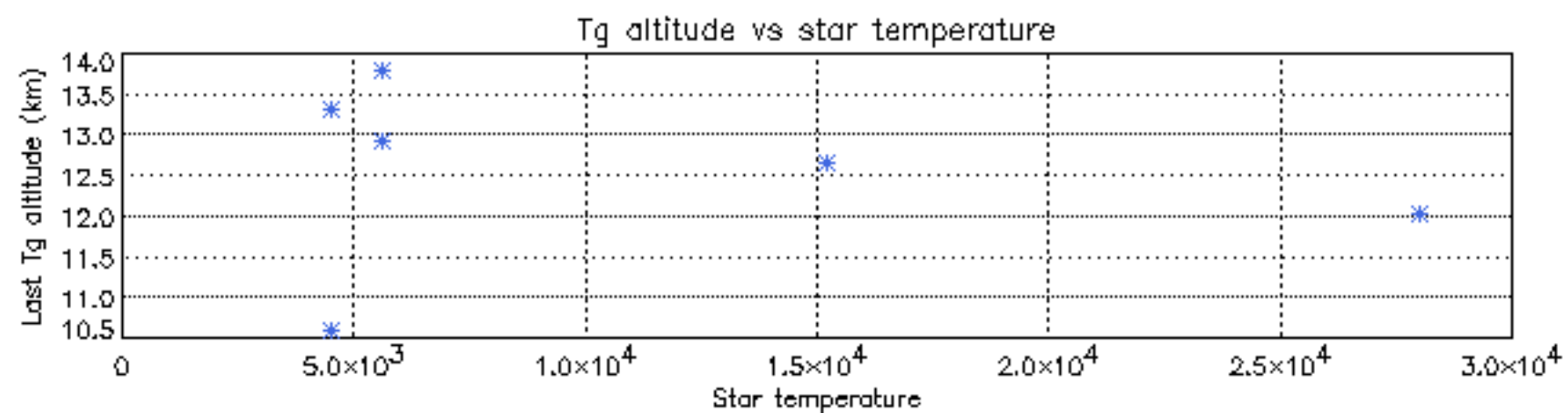
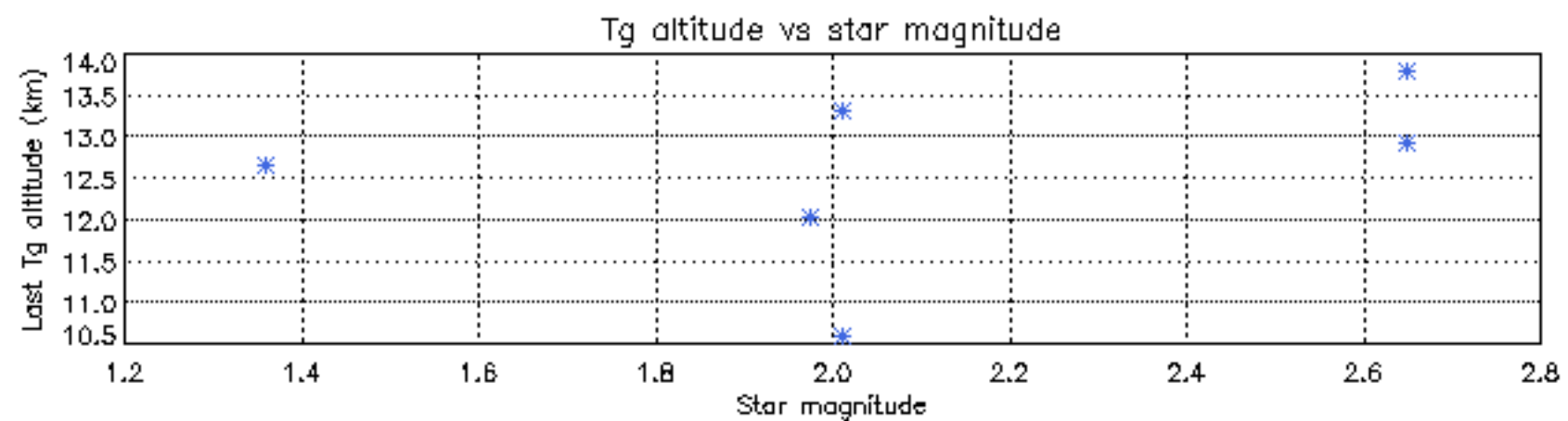
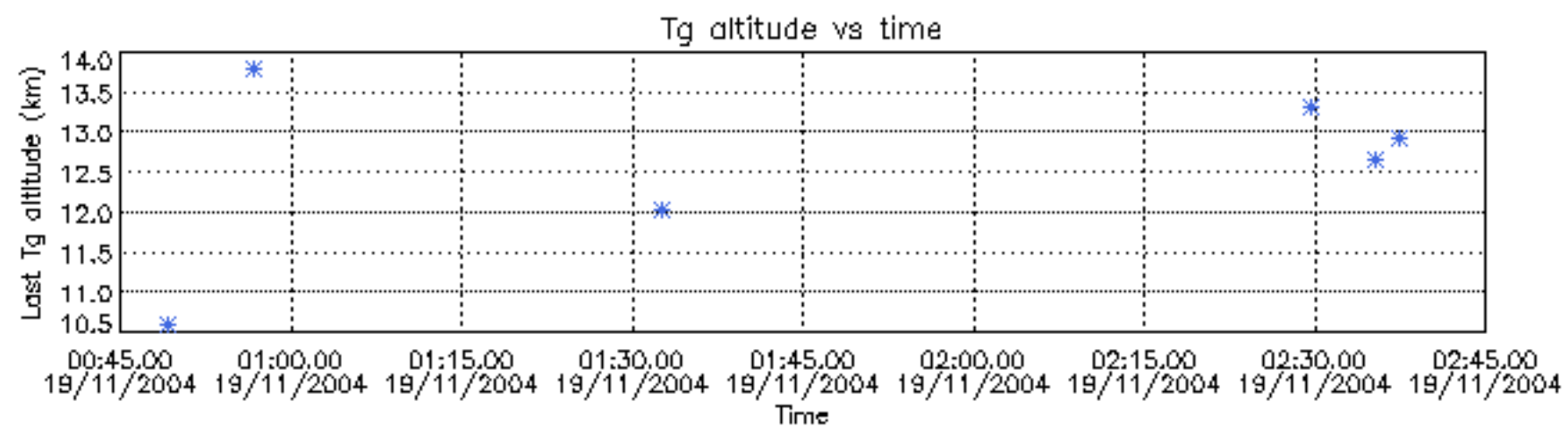
Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



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 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
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 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
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 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
 16;-1356.6; 01-NOV-2004 08:32:26; Dark ; 255.0; 24; 66Alp Gem ; 1.58; 10200;occ; 510; 0;13974
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 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
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 28; 1624.5; 01-NOV-2004 09:22:07; Dark ; 47.5; 52; 16Bet Cet ; 2.04; 4500;occ; 95; 0;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
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 7;-3379.0; 01-NOV-2004 09:39:19; Bright; 40.0; 73; 57Gam1And ; 2.26; 13100;occ; 80; 0;13975
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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
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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
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19; -233.1; 01-NOV-2004 12:12:21; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;13976
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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
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19; -519.0; 01-NOV-2004 13:48:11; Dark ; 75.5; 48; 30Alp Hya ; 1.98; 4100;occ; 151; 0;13977
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21; -135.5; 01-NOV-2004 13:54:35; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;13977
22; -10.7; 01-NOV-2004 13:56:39; Dark ; 54.5; 65; Lam Vel ; 2.20; 4400;occ; 109; 0;13977
23; 166.8; 01-NOV-2004 13:59:37; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;13978
24; 532.4; 01-NOV-2004 14:05:42; Dark ; 51.0; 2; Alp Car ;-0.74; 7000;occ; 102; 0;13978
25; 633.2; 01-NOV-2004 14:07:23; Dark ; 88.0; 23; 21Eps CMA ; 1.50; 26000;occ; 176; 0;13978
26; 859.9; 01-NOV-2004 14:11:10; Dark ; 40.0; 143; Alp Hyi ; 2.86; 7200;occ; 80; 0;13978
27; 943.4; 01-NOV-2004 14:12:33; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;13978
28; 1143.3; 01-NOV-2004 14:15:53; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;13978
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12;-2758.7; 01-NOV-2004 14:51:27; Bright; 70.0; 6; 13Alp Aur ; 0.08; 3400;occ; 140; 0;13978
13;-2614.2; 01-NOV-2004 14:53:52; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;13978
14;-2382.0; 01-NOV-2004 14:57:44; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;13978
15;-2126.5; 01-NOV-2004 15:01:59; Bright; 39.5; 36; 50Alp UMa ; 1.80; 6300;occ; 79; 0;13978
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9; 1171.0; 07-NOV-2004 22:50:49; Dark ; 39.0; 157; The1Eri ; 2.91; 9300;occ; 78; 0;14069
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12; 1850.9; 07-NOV-2004 23:02:09; Dark ; 116.0; 7; 19Bet Ori ; 0.10; 14000;occ; 232; 0;14069
13; 2261.2; 07-NOV-2004 23:08:59; Bright; 39.0; 105; 6Bet Ari ; 2.64; 8900;occ; 78; 0;14069
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15; 2636.2; 07-NOV-2004 23:15:14; Bright; 39.0; 73; 57Gam1And ; 2.26; 13100;occ; 78; 0;14069
16; 2871.6; 07-NOV-2004 23:19:10; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;14069
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23; 4226.8; 07-NOV-2004 23:41:45; Bright; 42.5; 174; 52Psi UMa ; 3.00; 4400;occ; 85; 0;14069
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23; 223.3; 07-NOV-2004 19:13:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14067
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25; 599.4; 07-NOV-2004 19:20:06; Dark ; 62.0; 2; Alp Car ; -0.74; 7000;occ; 124; 0;14067
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 27; 782.6; 07-NOV-2004 21:03:45; Dark ; 95.5; 23; 21Eps CMa ; 1.50; 26000;occ; 191; 0;14068
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 18; 2886.7; 08-NOV-2004 01:00:01; Bright; 41.5; 160; 23Gam Per ; 2.93; 4700;occ; 83; 0;14070
 19; 3155.0; 08-NOV-2004 01:04:29; Bright; 65.5; 6; 13Alp Aur ; 0.08; 3400;occ; 131; 0;14070
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 18; 2885.4; 08-NOV-2004 02:40:35; Bright; 42.5; 160; 23Gam Per ; 2.93; 4700;occ; 85; 0;14071
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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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1;-4544.6; 13-NOV-2004 13:04:02; Dark ; 213.0; 1; 9Alp CMA ; -1.44; 11000;occ; 426; 0;14149
2;-4231.3; 13-NOV-2004 13:09:16; Dark ; 92.0; 7; 19Bet Ori ; 0.10; 14000;occ; 184; 0;14149
3;-4061.5; 13-NOV-2004 13:12:05; Dark ; 50.5; 94; 92Alp Cet ; 2.53; 3100;occ; 101; 0;14149
4;-3775.2; 13-NOV-2004 13:16:52; Bright; 39.5; 105; 6Bet Ari ; 2.64; 8900;occ; 79; 0;14149
5;-3626.1; 13-NOV-2004 13:19:21; Bright; 47.0; 146; 25Eta Tau ; 2.87; 15200;occ; 94; 0;14149
6;-3511.9; 13-NOV-2004 13:21:15; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;14149
7;-3408.7; 13-NOV-2004 13:22:58; Bright; 37.0; 73; 57Gam1And ; 2.26; 13100;occ; 74; 0;14149
8;-3315.7; 13-NOV-2004 13:24:31; Bright; 47.0; 149; 45Eps Per ; 2.89; 30000;occ; 94; 0;14149
9;-3211.8; 13-NOV-2004 13:26:15; Bright; 43.5; 35; 33Alp Per ; 1.79; 6250;occ; 87; 0;14149
10;-3110.3; 13-NOV-2004 13:27:57; Bright; 39.5; 110; 37Del Cas ; 2.68; 8900;occ; 79; 0;14149
11;-2973.4; 13-NOV-2004 13:30:14; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;14149
12;-2782.2; 13-NOV-2004 13:33:25; Bright; 59.5; 42; 34Bet Aur ; 1.90; 10200;occ; 119; 0;14149
13;-2357.4; 13-NOV-2004 13:40:30; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;14149

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

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(corrupted file due to acquisition failures)

Problem occurred when reading packet number 2145!

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

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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

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

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(corrupted file due to acquisition failures)

Problem occurred when reading packet number 671!

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1; -854.9; 13-NOV-2004 22:28:32; Dark ; 83.0; 22; 32Alp Leo ; 1.36; 15200;occ; 166; 154;14154
2; -722.0; 13-NOV-2004 22:30:45; Dark ; 43.5; 100; 4Gam Crv ; 2.58; 13100;occ; 87; 1;14154
3; -630.9; 13-NOV-2004 22:32:16; Dark ; 47.5; 171; 2Eps Crv ; 3.00; 4250;occ; 95; 0;14154
4; -251.2; 13-NOV-2004 22:38:36; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 2;14154
5; -114.0; 13-NOV-2004 22:40:53; Dark ; 44.5; 26; Gam Cru ; 1.62; 2900;occ; 89; 2;14154
6; 158.7; 13-NOV-2004 22:45:26; Dark ; 51.5; 65; Lam Vel ; 2.20; 4400;occ; 103; 0;14155
7; 274.9; 13-NOV-2004 22:47:22; Dark ; 47.5; 29; Bet Car ; 1.67; 10200;occ; 95; 2;14155
8; 399.1; 13-NOV-2004 22:49:26; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 2;14155
9; 661.2; 13-NOV-2004 22:53:48; Dark ; 49.5; 2; Alp Car ; -0.74; 7000;occ; 99; 2;14155
10; 769.9; 13-NOV-2004 22:55:37; Dark ; 79.5; 88; 31Eta CMa ; 2.45; 20000;occ; 159; 4;14155
11; 967.7; 13-NOV-2004 22:58:55; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 2;14155
12; 1064.1; 13-NOV-2004 23:00:31; Dark ; 57.5; 108; Alp Col ; 2.65; 15200;occ; 115; 2;14155
13; 1194.6; 13-NOV-2004 23:02:41; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 2;14155
14; 1412.7; 13-NOV-2004 23:06:20; Dark ; 70.0; 139; 9Bet Lep ; 2.83; 5600;occ; 140; 3;14155
15; 1637.2; 13-NOV-2004 23:10:04; Dark ; 56.5; 165; 34Gam Eri ; 2.95; 3200;occ; 113; 3;14155
16; 1802.0; 13-NOV-2004 23:12:49; Dark ; 100.0; 7; 19Bet Ori ; 0.10; 14000;occ; 200; 6;14155
17; 1975.2; 13-NOV-2004 23:15:42; Dark ; 52.5; 94; 92Alp Cet ; 2.53; 3100;occ; 105; 3;14155
18; 2260.9; 13-NOV-2004 23:20:28; Bright; 38.0; 105; 6Bet Ari ; 2.64; 8900;occ; 76; 0;14155
19; 2627.5; 13-NOV-2004 23:26:34; Bright; 38.5; 73; 57Gam1And ; 2.26; 13100;occ; 77; 3;14155
20; 2719.2; 13-NOV-2004 23:28:06; Bright; 44.0; 149; 45Eps Per ; 2.89; 30000;occ; 88; 0;14155
21; 2821.7; 13-NOV-2004 23:29:48; Bright; 41.0; 35; 33Alp Per ; 1.79; 6250;occ; 82; 7;14155
22; 2928.1; 13-NOV-2004 23:31:35; Bright; 37.5; 110; 37Del Cas ; 2.68; 8900;occ; 75; 2;14155
23; 3055.8; 13-NOV-2004 23:33:43; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 1;14155
24; 3245.2; 13-NOV-2004 23:36:52; Bright; 63.0; 42; 34Bet Aur ; 1.90; 10200;occ; 126; 4;14155
25; 3420.4; 13-NOV-2004 23:39:47; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 2;14155
26; 3679.2; 13-NOV-2004 23:44:06; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 1;14155
27; 3788.0; 13-NOV-2004 23:45:55; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 1;14155
28; 3883.7; 13-NOV-2004 23:47:31; Bright; 42.5; 36; 50Alp UMA ; 1.80; 6300;occ; 85; 3;14155
29; 3982.1; 13-NOV-2004 23:49:09; Bright; 41.5; 82; 48Bet UMA ; 2.37; 10600;occ; 83; 0;14155
30; 4115.8; 13-NOV-2004 23:51:23; Bright; 52.0; 39; 85Eta UMA ; 1.85; 24000;occ; 104; 3;14155
31; 4222.9; 13-NOV-2004 23:53:10; Bright; 45.0; 174; 52Psi UMA ; 3.00; 4400;occ; 90; 4;14155
32; 4324.9; 13-NOV-2004 23:54:52; Bright; 36.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 72; 1;14155
33; 4627.5; 13-NOV-2004 23:59:54; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;14155
34; 4824.0; 14-NOV-2004 00:03:11; Bright; 89.0; 166; 17Eps Leo ; 2.98; 6000;occ; 178; 4;14155
35; 5105.9; 14-NOV-2004 00:07:53; Dark ; 84.0; 22; 32Alp Leo ; 1.36; 15200;occ; 168; 6;14155

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1; -4544.3; 13-NOV-2004 14:44:39; Dark ; 213.0; 1; 9Alp CMa ; -1.44; 11000;occ; 426; 0;14150
2; -4231.8; 13-NOV-2004 14:49:51; Dark ; 106.5; 7; 19Bet Ori ; 0.10; 14000;occ; 213; 0;14150
3; -4060.6; 13-NOV-2004 14:52:42; Dark ; 55.0; 94; 92Alp Cet ; 2.53; 3100;occ; 110; 0;14150
4; -3775.3; 13-NOV-2004 14:57:28; Bright; 40.0; 105; 6Bet Ari ; 2.64; 8900;occ; 80; 0;14150
5; -3626.5; 13-NOV-2004 14:59:57; Bright; 47.0; 146; 25Eta Tau ; 2.87; 15200;occ; 94; 0;14150
6; -3511.9; 13-NOV-2004 15:01:51; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;14150
7; -3408.1; 13-NOV-2004 15:03:35; Bright; 39.5; 73; 57Gam1And ; 2.26; 13100;occ; 79; 0;14150
8; -3313.5; 13-NOV-2004 15:05:09; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;14150
9; -3211.8; 13-NOV-2004 15:06:51; Bright; 40.0; 35; 33Alp Per ; 1.79; 6250;occ; 80; 0;14150

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12;-2783.5; 13-NOV-2004 15:14:00; Bright; 64.5; 42; 34Bet Aur ; 1.90; 10200;occ; 129; 0;14150
13;-2616.4; 13-NOV-2004 15:16:47; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;14150
14;-2356.8; 13-NOV-2004 15:21:06; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;14150
15;-2249.2; 13-NOV-2004 15:22:54; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;14150
16;-2151.2; 13-NOV-2004 15:24:32; Bright; 41.5; 36; 50Alp UMA ; 1.80; 6300;occ; 83; 0;14150
17;-2052.9; 13-NOV-2004 15:26:10; Bright; 42.0; 82; 48Bet UMA ; 2.37; 10600;occ; 84; 0;14150
18;-1920.5; 13-NOV-2004 15:28:22; Bright; 37.5; 39; 85Eta UMA ; 1.85; 24000;occ; 75; 0;14150
19;-1812.6; 13-NOV-2004 15:30:10; Bright; 42.0; 174; 52Psi UMA ; 3.00; 4400;occ; 84; 0;14150
20;-1711.4; 13-NOV-2004 15:31:52; Bright; 37.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 74; 0;14150
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22;-1216.1; 13-NOV-2004 15:40:07; Bright; 90.5; 166; 17Eps Leo ; 2.98; 6000;occ; 181; 0;14150
23;-936.5; 13-NOV-2004 15:44:46; Dark ; 84.5; 22; 32Alp Leo ; 1.36; 15200;occ; 169; 0;14150
24;-723.6; 13-NOV-2004 15:48:19; Dark ; 41.5; 100; 4Gam Crv ; 2.58; 13100;occ; 83; 0;14150
25;-633.0; 13-NOV-2004 15:49:50; Dark ; 44.0; 171; 2Eps Crv ; 3.00; 4250;occ; 88; 0;14150
26;-252.7; 13-NOV-2004 15:56:10; Dark ; 39.5; 64; Gam Cen ; 2.20; 10600;occ; 79; 0;14150
27;-114.5; 13-NOV-2004 15:58:29; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14150
28; 100.6; 13-NOV-2004 16:02:04; Dark ; 40.5; 124; The Car ; 2.76; 30000;occ; 81; 0;14151
29; 204.6; 13-NOV-2004 16:03:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14151
30; 328.7; 13-NOV-2004 16:05:52; Dark ; 45.5; 41; Eps Car ; 1.86; 4100;occ; 91; 0;14151
31; 424.1; 13-NOV-2004 16:07:27; Dark ; 59.0; 70; Zet Pup ; 2.25; 39000;occ; 118; 0;14151
32; 657.2; 13-NOV-2004 16:11:20; Dark ; 61.0; 2; Alp Car ; -0.74; 7000;occ; 122; 0;14151
33; 763.1; 13-NOV-2004 16:13:06; Dark ; 78.5; 88; 31Eta CMA ; 2.45; 20000;occ; 157; 0;14151
34; 967.1; 13-NOV-2004 16:16:30; Dark ; 51.5; 9; Alp Eri ; 0.45; 24000;occ; 103; 0;14151
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6;-3627.2; 13-NOV-2004 16:40:32; Bright; 47.0; 146; 25Eta Tau ; 2.87; 15200;occ; 94; 0;14151
7;-3512.7; 13-NOV-2004 16:42:26; Bright; 42.0; 53; 43Bet And ; 2.05; 3300;occ; 84; 0;14151
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9;-3315.2; 13-NOV-2004 16:45:44; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;14151
10;-3212.7; 13-NOV-2004 16:47:26; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;14151
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14;-2618.1; 13-NOV-2004 16:57:21; Bright; 40.5; 49; 1Alp UMi ; 1.99; 6300;occ; 81; 0;14151
15;-2357.8; 13-NOV-2004 17:01:41; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;14151
16;-2249.7; 13-NOV-2004 17:03:29; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;14151
17;-2152.5; 13-NOV-2004 17:05:07; Bright; 40.0; 36; 50Alp UMA ; 1.80; 6300;occ; 80; 0;14151
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19;-1921.1; 13-NOV-2004 17:08:58; Bright; 36.0; 39; 85Eta UMA ; 1.85; 24000;occ; 72; 0;14151
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21;-1712.2; 13-NOV-2004 17:12:27; Bright; 38.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 76; 0;14151
22;-1409.9; 13-NOV-2004 17:17:29; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;14151
23;-1215.6; 13-NOV-2004 17:20:43; Bright; 89.0; 166; 17Eps Leo ; 2.98; 6000;occ; 178; 0;14151
24;-935.5; 13-NOV-2004 17:25:24; Dark ; 85.0; 22; 32Alp Leo ; 1.36; 15200;occ; 170; 0;14151
25;-725.6; 13-NOV-2004 17:28:53; Dark ; 47.0; 100; 4Gam Crv ; 2.58; 13100;occ; 94; 0;14151
26;-632.6; 13-NOV-2004 17:30:26; Dark ; 41.5; 171; 2Eps Crv ; 3.00; 4250;occ; 83; 0;14151
27;-253.1; 13-NOV-2004 17:36:46; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;14151
28;-114.1; 13-NOV-2004 17:39:05; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14151
29; 101.1; 13-NOV-2004 17:42:40; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14152
30; 204.8; 13-NOV-2004 17:44:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14152
31; 329.3; 13-NOV-2004 17:46:28; Dark ; 44.5; 41; Eps Car ; 1.86; 4100;occ; 89; 0;14152
32; 425.9; 13-NOV-2004 17:48:05; Dark ; 57.0; 70; Zet Pup ; 2.25; 39000;occ; 114; 0;14152
33; 657.8; 13-NOV-2004 17:51:57; Dark ; 55.0; 2; Alp Car ; -0.74; 7000;occ; 110; 0;14152
34; 764.7; 13-NOV-2004 17:53:44; Dark ; 81.5; 88; 31Eta CMA ; 2.45; 20000;occ; 163; 0;14152
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3;-4843.2; 13-NOV-2004 18:00:52; Dark ; 42.5; 157; The1Eri ; 2.91; 9300;occ; 85; 0;14152
4;-4544.1; 13-NOV-2004 18:05:51; Dark ; 213.0; 1; 9Alp CMA ; -1.44; 11000;occ; 426; 0;14152
5;-4233.2; 13-NOV-2004 18:11:02; Dark ; 95.0; 7; 19Bet Ori ; 0.10; 14000;occ; 190; 0;14152
6;-4063.6; 13-NOV-2004 18:13:51; Dark ; 54.5; 94; 92Alp Cet ; 2.53; 3100;occ; 109; 0;14152

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7;-3775.2; 13-NOV-2004 18:18:40; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14152
8;-3628.7; 13-NOV-2004 18:21:06; Bright; 48.0; 146; 25Eta Tau ; 2.87; 15200;occ; 96; 0;14152
9;-3512.6; 13-NOV-2004 18:23:02; Bright; 40.5; 53; 43Bet And ; 2.05; 3300;occ; 81; 0;14152
10;-3409.0; 13-NOV-2004 18:24:46; Bright; 41.0; 73; 57Gam1And ; 2.26; 13100;occ; 82; 0;14152
11;-3315.9; 13-NOV-2004 18:26:19; Bright; 45.0; 149; 45Eps Per ; 2.89; 30000;occ; 90; 0;14152
12;-3213.5; 13-NOV-2004 18:28:02; Bright; 41.0; 35; 33Alp Per ; 1.79; 6250;occ; 82; 0;14152
13;-3107.9; 13-NOV-2004 18:29:47; Bright; 37.5; 110; 37Del Cas ; 2.68; 8900;occ; 75; 0;14152
14;-2976.7; 13-NOV-2004 18:31:58; Bright; 66.5; 6; 13Alp Aur ; 0.08; 3400;occ; 133; 0;14152
15;-2786.9; 13-NOV-2004 18:35:08; Bright; 64.5; 42; 34Bet Aur ; 1.90; 10200;occ; 129; 0;14152
16;-2618.2; 13-NOV-2004 18:37:57; Bright; 40.0; 49; 1Alp UMi ; 1.99; 6300;occ; 80; 0;14152
17;-2357.7; 13-NOV-2004 18:42:17; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;14152
18;-2249.5; 13-NOV-2004 18:44:06; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;14152
19;-2152.8; 13-NOV-2004 18:45:42; Bright; 44.0; 36; 50Alp UMA ; 1.80; 6300;occ; 88; 0;14152
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21;-1921.0; 13-NOV-2004 18:49:34; Bright; 38.5; 39; 85Eta UMA ; 1.85; 24000;occ; 77; 0;14152
22;-1813.8; 13-NOV-2004 18:51:21; Bright; 44.5; 174; 52Psi UMA ; 3.00; 4400;occ; 89; 0;14152
23;-1712.3; 13-NOV-2004 18:53:03; Bright; 37.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 75; 0;14152
24;-1410.5; 13-NOV-2004 18:58:05; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;14152
25;-1214.7; 13-NOV-2004 19:01:20; Bright; 86.5; 166; 17Eps Leo ; 2.98; 6000;occ; 173; 0;14152
26; -934.1; 13-NOV-2004 19:06:01; Dark ; 87.0; 22; 32Alp Leo ; 1.36; 15200;occ; 174; 0;14152
27; -723.4; 13-NOV-2004 19:09:32; Dark ; 46.0; 100; 4Gam Crv ; 2.58; 13100;occ; 92; 0;14152
28; -634.6; 13-NOV-2004 19:11:00; Dark ; 49.0; 171; 2Eps Crv ; 3.00; 4250;occ; 98; 0;14152
29; -252.3; 13-NOV-2004 19:17:23; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;14152
30; -114.2; 13-NOV-2004 19:19:41; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14152
31; 101.3; 13-NOV-2004 19:23:16; Dark ; 40.5; 124; The Car ; 2.76; 30000;occ; 81; 0;14153
32; 205.0; 13-NOV-2004 19:25:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14153
33; 330.6; 13-NOV-2004 19:27:06; Dark ; 45.0; 41; Eps Car ; 1.86; 4100;occ; 90; 0;14153
34; 426.5; 13-NOV-2004 19:28:42; Dark ; 59.5; 70; Zet Pup ; 2.25; 39000;occ; 119; 0;14153
35; 658.5; 13-NOV-2004 19:32:34; Dark ; 57.5; 2; Alp Car ; -0.74; 7000;occ; 115; 0;14153
36; 765.9; 13-NOV-2004 19:34:21; Dark ; 84.0; 88; 31Eta CMA ; 2.45; 20000;occ; 168; 0;14153

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3; -250.1; 14-NOV-2004 01:59:49; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 1;14156
4; -113.1; 14-NOV-2004 02:02:06; Dark ; 43.5; 26; Gam Cru ; 1.62; 2900;occ; 87; 0;14156
5; -15.5; 14-NOV-2004 02:03:43; Dark ; 42.0; 12; Alp1Cru ; 0.77; 30000;occ; 84; 0;14156
6; 161.4; 14-NOV-2004 02:06:40; Dark ; 52.0; 65; Lam Vel ; 2.20; 4400;occ; 104; 1;14157
7; 276.6; 14-NOV-2004 02:08:35; Dark ; 40.5; 29; Bet Car ; 1.67; 10200;occ; 81; 1;14157
8; 403.3; 14-NOV-2004 02:10:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 1;14157
9; 663.0; 14-NOV-2004 02:15:02; Dark ; 48.5; 2; Alp Car ; -0.74; 7000;occ; 97; 1;14157
10; 773.4; 14-NOV-2004 02:16:52; Dark ; 80.0; 88; 31Eta CMA ; 2.45; 20000;occ; 160; 2;14157
11; 968.5; 14-NOV-2004 02:20:07; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;14157
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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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
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24; 1413.9; 14-NOV-2004 04:08:08; Dark ; 74.5; 139; 9Bet Lep ; 2.83; 5600;occ; 149; 2;14158
25; 1637.5; 14-NOV-2004 04:11:52; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;14158
26; 1801.1; 14-NOV-2004 04:14:36; Dark ; 99.5; 7; 19Bet Ori ; 0.10; 14000;occ; 199; 0;14158
27; 1974.7; 14-NOV-2004 04:17:29; Dark ; 52.0; 94; 92Alp Cet ; 2.53; 3100;occ; 104; 0;14158
28; 2261.4; 14-NOV-2004 04:22:16; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14158
29; 2626.8; 14-NOV-2004 04:28:21; Bright; 37.5; 73; 57Gam1And ; 2.26; 13100;occ; 75; 0;14158
30; 2717.5; 14-NOV-2004 04:29:52; Bright; 44.0; 149; 45Eps Per ; 2.89; 30000;occ; 88; 0;14158
31; 2820.3; 14-NOV-2004 04:31:35; Bright; 43.0; 35; 33Alp Per ; 1.79; 6250;occ; 86; 0;14158
32; 2928.6; 14-NOV-2004 04:33:23; Bright; 36.0; 110; 37Del Cas ; 2.68; 8900;occ; 72; 0;14158
33; 3052.7; 14-NOV-2004 04:35:27; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 1;14158
34; 3241.0; 14-NOV-2004 04:38:36; Bright; 64.5; 42; 34Bet Aur ; 1.90; 10200;occ; 129; 0;14158
35; 3420.2; 14-NOV-2004 04:41:35; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;14158

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(corrupted file due to acquisition failures)

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

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

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

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

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Problem occurred when reading packet number 3677!

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
/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL_0PNPDK20041114_105321_000060272032_00080_14162_1372.N1
1;-4453.5; 14-NOV-2004 10:53:21; Dark ; 212.0; 1; 9Alp CMa ;-1.44; 11000;occ; 424; 176;14162
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
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18;-1918.6; 14-NOV-2004 11:35:36; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;14162
19;-1813.1; 14-NOV-2004 11:37:21; Bright; 44.0; 174; 52Psi UMa ; 3.00; 4400;occ; 88; 0;14162
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
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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
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29;-14.8; 14-NOV-2004 12:07:20; Dark ; 38.5; 12; Alp1Cru ; 0.77; 30000;occ; 77; 0;14162
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31; 209.6; 14-NOV-2004 12:11:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14163
32; 336.7; 14-NOV-2004 12:13:11; Dark ; 43.0; 41; Eps Car ; 1.86; 4100;occ; 86; 0;14163

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34; 666.3; 14-NOV-2004 12:18:41; Dark ; 61.0; 2; Alp Car ;-0.74; 7000;occ; 122; 0;14163
35; 781.9; 14-NOV-2004 12:20:36; Dark ; 87.5; 88; 31Eta CMA ; 2.45; 20000;occ; 175; 0;14163
36; 968.5; 14-NOV-2004 12:23:43; Dark ; 40.0; 9; Alp Eri ; 0.45; 24000;occ; 80; 0;14163
37; 1069.1; 14-NOV-2004 12:25:23; Dark ; 53.5; 108; Alp Col ; 2.65; 15200;occ; 107; 0;14163
38; 1196.3; 14-NOV-2004 12:27:31; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;14163
39; 1494.5; 14-NOV-2004 12:32:29; Dark ; 80.0; 1; 9Alp CMA ;-1.44; 11000;occ; 160; 0;14163
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3;-4061.6; 14-NOV-2004 12:40:29; Dark ; 53.5; 94; 92Alp Cet ; 2.53; 3100;occ; 107; 0;14163
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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
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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
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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
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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
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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
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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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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
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9;-3218.1; 14-NOV-2004 14:35:08; Bright; 42.5; 35; 33Alp Per ; 1.79; 6250;occ; 85; 0;14164
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11;-2990.2; 14-NOV-2004 14:38:56; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;14164
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
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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
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18;-1919.4; 14-NOV-2004 14:56:47; Bright; 52.0; 39; 85Eta UMa ; 1.85; 24000;occ; 104; 0;14164
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21;-1432.7; 14-NOV-2004 15:04:54; Bright; 34.5; 3; 16Alp Boo ;-0.05; 4250;occ; 69; 0;14164
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 24; -918.0; 14-NOV-2004 15:13:28; Dark ; 84.0; 22; 32Alp Leo ; 1.36; 15200;occ; 168; 0;14164
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 26; -627.3; 14-NOV-2004 15:18:19; Dark ; 43.0; 171; 2Eps Crv ; 3.00; 4250;occ; 86; 0;14164
 27; -249.4; 14-NOV-2004 15:24:37; Dark ; 42.5; 64; Gam Cen ; 2.20; 10600;occ; 85; 0;14164
 28; -112.3; 14-NOV-2004 15:26:54; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14164
 29; -14.7; 14-NOV-2004 15:28:31; Dark ; 47.0; 12; Alp1Cru ; 0.77; 30000;occ; 94; 0;14164
 30; 106.3; 14-NOV-2004 15:30:33; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14165
 31; 211.3; 14-NOV-2004 15:32:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14165
 32; 338.0; 14-NOV-2004 15:34:24; Dark ; 43.5; 41; Eps Car ; 1.86; 4100;occ; 87; 0;14165
 33; 442.7; 14-NOV-2004 15:36:09; Dark ; 59.0; 70; Zet Pup ; 2.25; 39000;occ; 118; 0;14165
 34; 667.7; 14-NOV-2004 15:39:54; Dark ; 61.0; 2; Alp Car ; -0.74; 7000;occ; 122; 0;14165
 35; 785.0; 14-NOV-2004 15:41:51; Dark ; 81.5; 88; 31Eta CMA ; 2.45; 20000;occ; 163; 0;14165
 36; 968.7; 14-NOV-2004 15:44:55; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;14165
 37; 1070.8; 14-NOV-2004 15:46:37; Dark ; 59.0; 108; Alp Col ; 2.65; 15200;occ; 118; 0;14165
 38; 1196.9; 14-NOV-2004 15:48:43; Dark ; 41.0; 157; The1Eri ; 2.91; 9300;occ; 82; 0;14165

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Problem occurred when reading packet number 973!

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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
 5;-4618.8; 14-NOV-2004 20:54:11; Dark ; 76.0; 139; 9Bet Lep ; 2.83; 5600;occ; 152; 3;14168
 6;-4398.4; 14-NOV-2004 20:57:52; Dark ; 57.0; 165; 34Gam Eri ; 2.95; 3200;occ; 114; 1;14168
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 10;-3637.3; 14-NOV-2004 21:10:33; Bright; 46.0; 146; 25Eta Tau ; 2.87; 15200;occ; 92; 0;14168
 11;-3533.5; 14-NOV-2004 21:12:17; Bright; 37.0; 173; 4Bet Tri ; 3.00; 8900;occ; 74; 2;14168
 12;-3412.1; 14-NOV-2004 21:14:18; Bright; 42.5; 73; 57Gam1And ; 2.26; 13100;occ; 85; 0;14168
 13;-3325.8; 14-NOV-2004 21:15:44; Bright; 56.0; 149; 45Eps Per ; 2.89; 30000;occ; 112; 0;14168
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 18;-2616.0; 14-NOV-2004 21:27:34; Bright; 39.0; 49; 1Alp UMi ; 1.99; 6300;occ; 78; 4;14168
 19;-2355.2; 14-NOV-2004 21:31:55; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14168
 20;-2243.6; 14-NOV-2004 21:33:46; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;14168
 21;-2056.5; 14-NOV-2004 21:36:54; Bright; 49.5; 82; 48Bet UMa ; 2.37; 10600;occ; 99; 1;14168
 22;-1919.6; 14-NOV-2004 21:39:10; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;14168
 23;-1814.0; 14-NOV-2004 21:40:56; Bright; 46.0; 174; 52Psi UMa ; 3.00; 4400;occ; 92; 2;14168
 24;-1709.8; 14-NOV-2004 21:42:40; Bright; 38.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 76; 2;14168
 25;-1432.8; 14-NOV-2004 21:47:17; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14168
 26;-1301.6; 14-NOV-2004 21:49:29; Bright; 48.5; 96; 68Del Leo ; 2.56; 9300;occ; 97; 0;14168
 27;-1199.9; 14-NOV-2004 21:51:10; Bright; 95.0; 166; 17Eps Leo ; 2.98; 6000;occ; 190; 0;14168
 28;-1017.1; 14-NOV-2004 21:54:13; Bright; 36.5; 121; 29Gam Vir ; 2.74; 7200;occ; 73; 0;14168
 29; -912.7; 14-NOV-2004 21:55:57; Dark ; 86.0; 22; 32Alp Leo ; 1.36; 15200;occ; 172; 2;14168

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 3;-4397.6; 14-NOV-2004 15:56:05; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;14165
 4;-4237.8; 14-NOV-2004 15:58:44; Dark ; 88.0; 7; 19Bet Ori ; 0.10; 14000;occ; 176; 0;14165
 5;-4061.8; 14-NOV-2004 16:01:40; Dark ; 49.0; 94; 92Alp Cet ; 2.53; 3100;occ; 98; 0;14165
 6;-3773.7; 14-NOV-2004 16:06:28; Bright; 37.0; 105; 6Bet Ari ; 2.64; 8900;occ; 74; 0;14165
 7;-3635.0; 14-NOV-2004 16:08:47; Bright; 46.0; 146; 25Eta Tau ; 2.87; 15200;occ; 92; 0;14165
 8;-3533.3; 14-NOV-2004 16:10:29; Bright; 38.0; 173; 4Bet Tri ; 3.00; 8900;occ; 76; 0;14165
 9;-3409.6; 14-NOV-2004 16:12:33; Bright; 40.0; 73; 57Gam1And ; 2.26; 13100;occ; 80; 0;14165
 10;-3323.2; 14-NOV-2004 16:13:59; Bright; 44.5; 149; 45Eps Per ; 2.89; 30000;occ; 89; 0;14165
 11;-3217.8; 14-NOV-2004 16:15:44; Bright; 39.0; 35; 33Alp Per ; 1.79; 6250;occ; 78; 0;14165
 12;-3107.1; 14-NOV-2004 16:17:35; Bright; 35.5; 110; 37Del Cas ; 2.68; 8900;occ; 71; 0;14165
 13;-2990.7; 14-NOV-2004 16:19:32; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;14165
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25;-1018.4; 14-NOV-2004 16:52:24; Bright; 39.0; 121; 29Gam Vir ; 2.74; 7200;occ; 78; 0;14165
26; -916.7; 14-NOV-2004 16:54:06; Dark ; 86.5; 22; 32Alp Leo ; 1.36; 15200;occ; 173; 0;14165
27; -717.2; 14-NOV-2004 16:57:25; Dark ; 44.0; 100; 4Gam Crv ; 2.58; 13100;occ; 88; 0;14165
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31; -14.7; 14-NOV-2004 17:09:08; Dark ; 43.0; 12; Alp1Cru ; 0.77; 30000;occ; 86; 0;14165
32; 106.0; 14-NOV-2004 17:11:08; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14166
33; 212.1; 14-NOV-2004 17:12:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14166
34; 338.2; 14-NOV-2004 17:15:00; Dark ; 49.0; 41; Eps Car ; 1.86; 4100;occ; 98; 0;14166
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36; 667.9; 14-NOV-2004 17:20:30; Dark ; 50.5; 2; Alp Car ;-0.74; 7000;occ; 101; 0;14166
37; 786.5; 14-NOV-2004 17:22:29; Dark ; 84.5; 88; 31Eta CMa ; 2.45; 20000;occ; 169; 0;14166
38; 968.7; 14-NOV-2004 17:25:31; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;14166
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4;-4398.1; 14-NOV-2004 17:36:40; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;14166
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22;-1709.6; 14-NOV-2004 18:21:29; Bright; 36.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 72; 0;14166
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27; -915.7; 14-NOV-2004 18:34:43; Dark ; 91.5; 22; 32Alp Leo ; 1.36; 15200;occ; 183; 0;14166
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35; 339.2; 14-NOV-2004 18:55:37; Dark ; 55.0; 41; Eps Car ; 1.86; 4100;occ; 110; 0;14167
36; 444.4; 14-NOV-2004 18:57:23; Dark ; 59.0; 70; Zet Pup ; 2.25; 39000;occ; 118; 0;14167
37; 668.5; 14-NOV-2004 19:01:07; Dark ; 51.0; 2; Alp Car ;-0.74; 7000;occ; 102; 0;14167
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31;-626.2; 14-NOV-2004 20:20:08; Dark ; 48.5; 171; 2Eps Crv ; 3.00; 4250;occ; 97; 0;14167
32;-249.1; 14-NOV-2004 20:26:25; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;14167
33;-111.7; 14-NOV-2004 20:28:42; Dark ; 51.5; 26; Gam Cru ; 1.62; 2900;occ; 103; 0;14167
34;-14.1; 14-NOV-2004 20:30:20; Dark ; 46.0; 12; Alp1Cru ; 0.77; 30000;occ; 92; 0;14167
35; 106.7; 14-NOV-2004 20:32:21; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14168
36; 213.7; 14-NOV-2004 20:34:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14168
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39; 669.2; 14-NOV-2004 20:41:43; Dark ; 54.5; 2; Alp Car ; -0.74; 7000;occ; 109; 0;14168
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7;-1430.8; 15-NOV-2004 02:49:07; Bright; 34.0; 3; 16Alp Boo ; -0.05; 4250;occ; 68; 0;14171
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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
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27; 2263.0; 15-NOV-2004 03:50:41; Bright; 37.0; 105; 6Bet Ari ; 2.64; 8900;occ; 74; 0;14172
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 26; 110.7; 15-NOV-2004 08:16:36; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14175
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 28; 220.8; 15-NOV-2004 09:59:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14176
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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
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21;-1138.2; 18-NOV-2004 08:01:33; Bright; 84.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 169; 0;14217
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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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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
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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
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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
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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
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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
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32; 862.7; 18-NOV-2004 11:56:05; Dark ; 86.5; 88; 31Eta CMa ; 2.45; 20000;occ; 173; 0;14220
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5;-3660.7; 18-NOV-2004 12:21:18; Bright; 44.5; 146; 25Eta Tau ; 2.87; 15200;occ; 89; 0;14220
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7;-3410.2; 18-NOV-2004 12:25:28; Bright; 36.0; 73; 57Gam1And ; 2.26; 13100;occ; 72; 0;14220
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17;-1703.9; 18-NOV-2004 12:53:55; Bright; 36.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 73; 0;14220
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19;-1424.6; 18-NOV-2004 12:58:34; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14220
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27;	4214.4;	20-NOV-2004	01:45:07;	Bright;	46.5;	174;	52Psi UMA	;	3.00;	4400;occ;	93;	0;	14242
28;	4334.6;	20-NOV-2004	01:47:08;	Bright;	36.0;	152;	12Alp2CVn	;	2.89;	11000;occ;	72;	0;	14242
29;	4465.9;	20-NOV-2004	01:49:19;	Bright;	35.5;	83;		;	2.38;	11000;occ;	71;	0;	14242
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9;	1014.7;	20-NOV-2004	02:32:24;	Dark	82.5;	23;	21Eps CMA	;	1.50;	26000;occ;	165;	0;	14243
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26; 2626.4; 20-NOV-2004 06:20:27; Bright; 39.0; 73; 57Gam1And ; 2.26; 13100;occ; 78; 0;14245
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 7; 324.3; 23-NOV-2004 22:33:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14298
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 23; 3419.8; 23-NOV-2004 23:25:25; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;14298
 24; 3693.5; 23-NOV-2004 23:29:59; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;14298
 25; 3831.5; 23-NOV-2004 23:32:17; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;14298
 26; 3948.4; 23-NOV-2004 23:34:14; Bright; 45.5; 82; 48Bet UMa ; 2.37; 10600;occ; 91; 0;14298
 27; 4040.4; 23-NOV-2004 23:35:46; Bright; 44.0; 87; 64Gam UMa ; 2.43; 11000;occ; 88; 0;14298
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29; 322.5; 23-NOV-2004 19:12:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14296
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27; -429.6; 27-NOV-2004 20:14:48; Dark ; 38.5; 123; Iot Cen ; 2.75; 10200;occ; 77; 0;14353
28; -181.0; 27-NOV-2004 20:18:56; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;14353
29; -79.2; 27-NOV-2004 20:20:38; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;14353
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31; 183.7; 27-NOV-2004 20:25:01; Dark ; 40.0; 124; The Car ; 2.76; 30000;occ; 80; 0;14354
32; 284.0; 27-NOV-2004 20:26:41; Dark ; 40.0; 159; Ups Car ; 2.92; 7200;occ; 80; 0;14354
33; 372.1; 27-NOV-2004 20:28:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14354
34; 457.7; 27-NOV-2004 20:29:35; Dark ; 57.5; 41; Eps Car ; 1.86; 4100;occ; 115; 0;14354
35; 565.7; 27-NOV-2004 20:31:23; Dark ; 52.0; 34; Gam2Vel ; 1.79; 23000;occ; 104; 0;14354
36; 664.2; 27-NOV-2004 20:33:02; Dark ; 58.5; 70; Zet Pup ; 2.25; 39000;occ; 117; 0;14354
37; 782.4; 27-NOV-2004 20:35:00; Dark ; 59.0; 2; Alp Car ; -0.74; 7000;occ; 118; 0;14354
38; 881.1; 27-NOV-2004 20:36:38; Dark ; 75.5; 117; Pi Pup ; 2.71; 3800;occ; 151; 0;14354
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2; -610.0; 28-NOV-2004 01:13:35; Dark ; 53.5; 100; 4Gam Crv ; 2.58; 13100;occ; 107; 0;14356

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4;	-78.8;	28-NOV-2004	01:22:26;	Dark	;	42.5;	10;	Bet Cen	;	0.61;	28000;occ;	85;	0;	14356
5;	184.9;	28-NOV-2004	01:26:50;	Dark	;	41.0;	124;	The Car	;	2.76;	30000;occ;	82;	0;	14357
6;	258.2;	28-NOV-2004	01:28:03;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	14357
7;	353.7;	28-NOV-2004	01:29:39;	Dark	;	42.0;	29;	Bet Car	;	1.67;	10200;occ;	84;	0;	14357
8;	458.9;	28-NOV-2004	01:31:24;	Dark	;	49.0;	41;	Eps Car	;	1.86;	4100;occ;	98;	0;	14357
9;	569.0;	28-NOV-2004	01:33:14;	Dark	;	53.0;	34;	Gam2Vel	;	1.79;	23000;occ;	106;	0;	14357
10;	665.7;	28-NOV-2004	01:34:51;	Dark	;	60.5;	70;	Zet Pup	;	2.25;	39000;occ;	121;	0;	14357
11;	782.3;	28-NOV-2004	01:36:47;	Dark	;	55.0;	2;	Alp Car	;	-0.74;	7000;occ;	110;	0;	14357
12;	884.2;	28-NOV-2004	01:38:29;	Dark	;	62.5;	117;	Pi Pup	;	2.71;	3800;occ;	125;	0;	14357
13;	1117.7;	28-NOV-2004	01:42:23;	Dark	;	69.5;	23;	21Eps CMA	;	1.50;	26000;occ;	139;	0;	14357
14;	1250.5;	28-NOV-2004	01:44:35;	Dark	;	77.0;	179;	240mi2CMA	;	3.03;	24000;occ;	154;	0;	14357
15;	1524.9;	28-NOV-2004	01:49:10;	Dark	;	107.0;	1;	9Alp CMA	;	-1.44;	11000;occ;	214;	0;	14357
16;	1754.6;	28-NOV-2004	01:53:00;	Dark	;	64.5;	7;	19Bet Ori	;	0.10;	14000;occ;	129;	0;	14357
17;	1948.6;	28-NOV-2004	01:56:14;	Dark	;	71.0;	30;	46Eps Ori	;	1.69;	30000;occ;	142;	0;	14357
18;	2118.4;	28-NOV-2004	01:59:03;	Dark	;	65.0;	27;	24Gam Ori	;	1.64;	26000;occ;	130;	0;	14357
19;	2291.2;	28-NOV-2004	02:01:56;	Bright;	;	37.5;	105;	6Bet Ari	;	2.64;	8900;occ;	75;	0;	14357
20;	2478.1;	28-NOV-2004	02:05:03;	Bright;	;	43.0;	150;	44Zet Per	;	2.89;	28000;occ;	86;	0;	14357
21;	2605.3;	28-NOV-2004	02:07:10;	Bright;	;	40.5;	79;	26Bet Per	;	2.31;	13100;occ;	81;	0;	14357
22;	2744.2;	28-NOV-2004	02:09:29;	Bright;	;	38.5;	175;	39Del Per	;	3.01;	19400;occ;	77;	0;	14357
23;	2872.5;	28-NOV-2004	02:11:37;	Bright;	;	51.0;	6;	13Alp Aur	;	0.08;	3400;occ;	102;	0;	14357
24;	3010.2;	28-NOV-2004	02:13:55;	Bright;	;	39.0;	74;	11Bet Cas	;	2.27;	6600;occ;	78;	0;	14357
25;	3418.9;	28-NOV-2004	02:20:44;	Bright;	;	38.0;	49;	1Alp UMi	;	1.99;	6300;occ;	76;	0;	14357
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2;	-2203.6;	28-NOV-2004	02:27:37;	Bright;	;	44.0;	36;	50Alp UMA	;	1.80;	6300;occ;	88;	0;	14357
3;	-2106.1;	28-NOV-2004	02:29:15;	Bright;	;	46.0;	82;	48Bet UMA	;	2.37;	10600;occ;	92;	0;	14357
4;	-1997.5;	28-NOV-2004	02:31:03;	Bright;	;	39.0;	55;	79Zet UMA	;	2.06;	10200;occ;	78;	0;	14357
5;	-1900.2;	28-NOV-2004	02:32:41;	Bright;	;	38.0;	39;	85Eta UMA	;	1.85;	24000;occ;	76;	0;	14357
6;	-1730.4;	28-NOV-2004	02:35:30;	Bright;	;	36.0;	180;	27Gam Boo	;	3.04;	8000;occ;	72;	0;	14357
7;	-1550.5;	28-NOV-2004	02:38:30;	Bright;	;	36.0;	83;		;	2.38;	11000;occ;	72;	0;	14357
8;	-1399.9;	28-NOV-2004	02:41:01;	Bright;	;	36.0;	3;	16Alp Boo	;	-0.05;	4250;occ;	72;	0;	14357
9;	-1203.1;	28-NOV-2004	02:44:18;	Bright;	;	65.5;	96;	68Del Leo	;	2.56;	9300;occ;	131;	0;	14357
10;	-930.4;	28-NOV-2004	02:48:50;	Dark	;	180.0;	51;	41Gam1Leo	;	2.01;	4500;occ;	360;	0;	14357
11;	-607.5;	28-NOV-2004	02:54:13;	Dark	;	48.0;	100;	4Gam Crv	;	2.58;	13100;occ;	96;	0;	14357
12;	-431.3;	28-NOV-2004	02:57:10;	Dark	;	43.5;	123;	Iot Cen	;	2.75;	10200;occ;	87;	0;	14357
13;	-180.2;	28-NOV-2004	03:01:21;	Dark	;	39.0;	77;	Eps Cen	;	2.30;	28000;occ;	78;	0;	14357
14;	-78.9;	28-NOV-2004	03:03:02;	Dark	;	45.0;	10;	Bet Cen	;	0.61;	28000;occ;	90;	0;	14357
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16;	258.5;	28-NOV-2004	03:08:39;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	14358
17;	354.3;	28-NOV-2004	03:10:15;	Dark	;	43.5;	29;	Bet Car	;	1.67;	10200;occ;	87;	0;	14358
18;	460.2;	28-NOV-2004	03:12:01;	Dark	;	46.0;	41;	Eps Car	;	1.86;	4100;occ;	92;	0;	14358
19;	569.3;	28-NOV-2004	03:13:50;	Dark	;	51.5;	34;	Gam2Vel	;	1.79;	23000;occ;	103;	0;	14358
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22;	884.8;	28-NOV-2004	03:19:06;	Dark	;	62.0;	117;	Pi Pup	;	2.71;	3800;occ;	124;	0;	14358
23;	1118.1;	28-NOV-2004	03:22:59;	Dark	;	71.5;	23;	21Eps CMA	;	1.50;	26000;occ;	143;	0;	14358
24;	1250.5;	28-NOV-2004	03:25:11;	Dark	;	76.5;	179;	240mi2CMA	;	3.03;	24000;occ;	153;	0;	14358
25;	1524.8;	28-NOV-2004	03:29:46;	Dark	;	101.0;	1;	9Alp CMA	;	-1.44;	11000;occ;	202;	0;	14358
26;	1753.4;	28-NOV-2004	03:33:34;	Dark	;	72.0;	7;	19Bet Ori	;	0.10;	14000;occ;	144;	0;	14358
27;	1948.5;	28-NOV-2004	03:36:49;	Dark	;	69.0;	30;	46Eps Ori	;	1.69;	30000;occ;	138;	0;	14358
28;	2117.8;	28-NOV-2004	03:39:39;	Dark	;	66.5;	27;	24Gam Ori	;	1.64;	26000;occ;	133;	0;	14358
29;	2291.5;	28-NOV-2004	03:42:32;	Bright;	;	38.0;	105;	6Bet Ari	;	2.64;	8900;occ;	76;	0;	14358
30;	2477.6;	28-NOV-2004	03:45:38;	Bright;	;	41.5;	150;	44Zet Per	;	2.89;	28000;occ;	83;	0;	14358
31;	2605.2;	28-NOV-2004	03:47:46;	Bright;	;	39.0;	79;	26Bet Per	;	2.31;	13100;occ;	78;	0;	14358
32;	2741.7;	28-NOV-2004	03:50:03;	Bright;	;	41.0;	175;	39Del Per	;	3.01;	19400;occ;	82;	0;	14358
33;	2872.5;	28-NOV-2004	03:52:13;	Bright;	;	54.5;	6;	13Alp Aur	;	0.08;	3400;occ;	109;	0;	14358
34;	3011.3;	28-NOV-2004	03:54:32;	Bright;	;	38.5;	74;	11Bet Cas	;	2.27;	6600;occ;	77;	0;	14358
35;	3419.1;	28-NOV-2004	04:01:20;	Bright;	;	39.5;	49;	1Alp UMi	;	1.99;	6300;occ;	79;	0;	14358
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2;	-2204.0;	28-NOV-2004	04:08:13;	Bright;	;	47.5;	36;	50Alp UMA	;	1.80;	6300;occ;	95;	0;	14358
3;	-2107.2;	28-NOV-2004	04:09:50;	Bright;	;	46.5;	82;	48Bet UMA	;	2.37;	10600;occ;	93;	0;	14358
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5;	-1900.0;	28-NOV-2004	04:13:17;	Bright;	;	38.0;	39;	85Eta UMA	;	1.85;	24000;occ;	76;	0;	14358
6;	-1730.8;	28-NOV-2004	04:16:06;	Bright;	;	36.5;	180;	27Gam Boo	;	3.04;	8000;occ;	73;	0;	14358
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8;	-1399.7;	28-NOV-2004	04:21:37;	Bright;	;	36.0;	3;	16Alp Boo	;	-0.05;	4250;occ;	72;	0;	14358

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22; 1129.5; 29-NOV-2004 06:12:45; Dark ; 72.0; 23; 21Eps CMA ; 1.50; 26000;occ; 144; 0;14374
23; 1258.8; 29-NOV-2004 06:14:55; Dark ; 81.0; 179; 240mi2CMA ; 3.03; 24000;occ; 162; 0;14374
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28; 2238.4; 29-NOV-2004 06:31:14; Bright; 60.5; 13; 87Alp Tau ; 0.87; 3800;occ; 121; 0;14374
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34; 2952.3; 29-NOV-2004 06:43:08; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;14374
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 31; 1129.2; 29-NOV-2004 09:33:57; Dark ; 77.0; 23; 21Eps CMa ; 1.50; 26000;occ; 154; 0;14376
 32; 1261.7; 29-NOV-2004 09:36:09; Dark ; 74.5; 179; 240mi2CMa ; 3.03; 24000;occ; 149; 0;14376
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 17;-1728.2; 29-NOV-2004 10:26:55; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;14376
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 19;-1395.9; 29-NOV-2004 10:32:28; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;14376
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32; 1130.7; 29-NOV-2004 12:55:10; Dark ; 71.5; 23; 21Eps CMa ; 1.50; 26000;occ; 143; 0;14378
33; 1263.4; 29-NOV-2004 12:57:23; Dark ; 77.5; 179; 240mi2CMa ; 3.03; 24000;occ; 155; 0;14378
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