

GOMOS Daily Report 11-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	12NOV2004 05:04:02
Data source version	GOMOS/4.02
Start time of products	QDS_YESTERDAY(/START) (11NOV2004 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP) (12NOV2004 00:00:00)

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

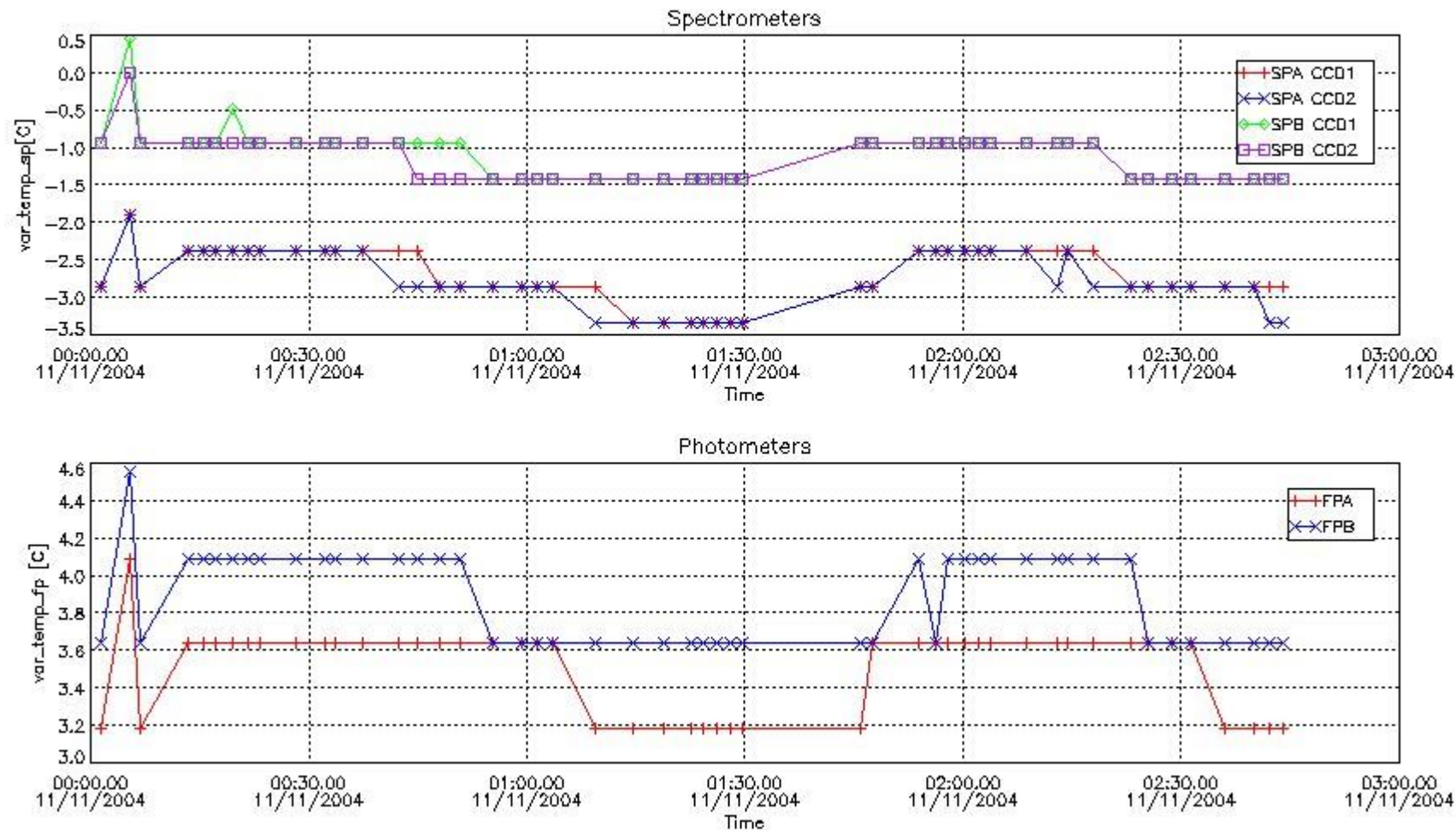
2. Summary of products arrived in PCF (Product Control Facility)

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_1PNPDE20041111_000117_000000802032_00030_14112_0029.N1	11-NOV-2004 00:01:17	Twilight	80.000	22	32Alp Leo	1.3600	15200.	160	14112	No
GOM_TRA_1PNPDE20041111_000519_000000432032_00030_14112_0000.N1	11-NOV-2004 00:05:19	Twilight	43.000	100	4Gam Crv	2.5800	13100.	86	14112	Yes
GOM_TRA_1PNPDE20041111_000647_000000482032_00030_14112_0001.N1	11-NOV-2004 00:06:47	Twilight	48.000	171	2Eps Crv	3.0010	4250.0	96	14112	No
GOM_TRA_1PNPDE20041111_001319_000000392032_00030_14112_0002.N1	11-NOV-2004 00:13:19	Dark	39.000	64	Gam Cen	2.2000	10600.	78	14112	No
GOM_TRA_1PNPDE20041111_001537_000000432032_00030_14112_0003.N1	11-NOV-2004 00:15:37	Dark	42.500	26	Gam Cru	1.6240	2900.0	85	14112	No
GOM_TRA_1PNPDE20041111_001715_000000402032_00030_14112_0004.N1	11-NOV-2004 00:17:15	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	14112	No
GOM_TRA_1PNPDE20041111_001931_000000542032_00031_14113_0005.N1	11-NOV-2004 00:19:31	Dark	53.500	65	Lam Vel	2.2040	4400.0	107	14113	No
GOM_TRA_1PNPDE20041111_002135_000000442032_00031_14113_0006.N1	11-NOV-2004 00:21:35	Dark	43.500	46	Del Vel	1.9540	10600.	87	14113	No
GOM_TRA_1PNPDE20041111_002313_000000482032_00031_14113_0007.N1	11-NOV-2004 00:23:13	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	14113	No
GOM_TRA_1PNPDE20041111_002809_000000522032_00031_14113_0008.N1	11-NOV-2004 00:28:09	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	14113	No
GOM_TRA_1PNPDE20041111_003220_000000392032_00031_14113_0009.N1	11-NOV-2004 00:32:20	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	14113	No
GOM_TRA_1PNPDE20041111_003341_000000412032_00031_14113_0010.N1	11-NOV-2004 00:33:41	Dark	40.500	9	Alp Eri	0.45300	24000.	81	14113	No
GOM_TRA_1PNPDE20041111_003721_000000432032_00031_14113_0011.N1	11-NOV-2004 00:37:21	Dark	42.500	157	The1Eri	2.9060	9300.0	85	14113	No
GOM_TRA_1PNPDE20041111_004227_000000832032_00031_14113_0012.N1	11-NOV-2004 00:42:27	Twilight	82.500	101	11Alp Lep	2.5820	7000.0	165	14113	No
GOM_TRA_1PNPDE20041111_004452_000000572032_00031_14113_0013.N1	11-NOV-2004 00:44:52	Bright	57.000	165	34Gam Eri	2.9500	3200.0	114	14113	No
GOM_TRA_1PNPDE20041111_004800_000001052032_00031_14113_0014.N1	11-NOV-2004 00:48:00	Bright	105.00	7	19Bet Ori	0.10000	14000.	210	14113	No
GOM_TRA_1PNPDE20041111_005048_000001262032_00031_14113_0015.N1	11-NOV-2004 00:50:48	Bright	125.50	125	44Iot Ori	2.7700	30000.	251	14113	No
GOM_TRA_1PNPDE20041111_005516_000000422032_00031_14113_0016.N1	11-NOV-2004 00:55:16	Bright	42.000	105	6Bet Ari	2.6450	8900.0	84	14113	No
GOM_TRA_1PNPDE20041111_005924_000000392032_00031_14113_0017.N1	11-NOV-2004 00:59:24	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	14113	No
GOM_TRA_1PNPDE20041111_010126_000000412032_00031_14113_0018.N1	11-NOV-2004 01:01:26	Bright	40.500	73	57Gam1And	2.2600	13100.	81	14113	No
GOM_TRA_1PNPDE20041111_010324_000000462032_00031_14113_0019.N1	11-NOV-2004 01:03:24	Bright	45.500	149	45Eps Per	2.8880	30000.	91	14113	No
GOM_TRA_1PNPDE20041111_010921_000000612032_00031_14113_0020.N1	11-NOV-2004 01:09:21	Bright	61.000	6	13Alp Aur	0.080000	3400.0	122	14113	No
GOM_TRA_1PNPDE20041111_011438_000000392032_00031_14113_0021.N1	11-NOV-2004 01:14:38	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	14113	No
GOM_TRA_1PNPDE20041111_011851_000000402032_00031_14113_0022.N1	11-NOV-2004 01:18:51	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	14113	No
GOM_TRA_1PNPDE20041111_012228_000000442032_00031_14113_0023.N1	11-NOV-2004 01:22:28	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	14113	No
GOM_TRA_1PNPDE20041111_012408_000000422032_00031_14113_0024.N1	11-NOV-2004 01:24:08	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	14113	No
GOM_TRA_1PNPDE20041111_012605_000000402032_00031_14113_0025.N1	11-NOV-2004 01:26:05	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	14113	No
GOM_TRA_1PNPDE20041111_012803_000000442032_00031_14113_0026.N1	11-NOV-2004 01:28:03	Bright	43.500	174	52Psi UMa	3.0040	4400.0	87	14113	No
GOM_TRA_1PNPDE20041111_012937_000000382032_00031_14113_0027.N1	11-NOV-2004 01:29:37	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	14113	No
GOM_TRA_1PNPDE20041111_014553_000000472032_00031_14113_0000.N1	11-NOV-2004 01:45:53	Twilight	47.000	100	4Gam Crv	2.5800	13100.	94	14113	No
GOM_TRA_1PNPDE20041111_014725_000000452032_00031_14113_0001.N1	11-NOV-2004 01:47:25	Twilight	45.000	171	2Eps Crv	3.0010	4250.0	90	14113	No
GOM_TRA_1PNPDE20041111_015354_000000402032_00031_14113_0002.N1	11-NOV-2004 01:53:54	Dark	40.000	64	Gam Cen	2.2000	10600.	80	14113	No
GOM_TRA_1PNPDE20041111_015612_000000442032_00031_14113_0003.N1	11-NOV-2004 01:56:12	Dark	44.000	26	Gam Cru	1.6240	2900.0	88	14113	No
GOM_TRA_1PNPDE20041111_015750_000000432032_00031_14113_0004.N1	11-NOV-2004 01:57:50	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	14113	No
GOM_TRA_1PNPDE20041111_020010_000000632032_00032_14114_0005.N1	11-NOV-2004 02:00:10	Dark	62.500	65	Lam Vel	2.2040	4400.0	125	14114	No
GOM_TRA_1PNPDE20041111_020211_000000462032_00032_14114_0006.N1	11-NOV-2004 02:02:11	Dark	46.000	46	Del Vel	1.9540	10600.	92	14114	No
GOM_TRA_1PNPDE20041111_020351_000000522032_00032_14114_0007.N1	11-NOV-2004 02:03:51	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	14114	No
GOM_TRA_1PNPDE20041111_020845_000000602032_00032_14114_0008.N1	11-NOV-2004 02:08:45	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	14114	No
GOM_TRA_1PNPDE20041111_021256_000000382032_00032_14114_0009.N1	11-NOV-2004 02:12:56	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	14114	No
GOM_TRA_1PNPDE20041111_021417_000000502032_00032_14114_0010.N1	11-NOV-2004 02:14:17	Dark	50.000	9	Alp Eri	0.45300	24000.	100	14114	No
GOM_TRA_1PNPDE20041111_021757_000000402032_00032_14114_0011.N1	11-NOV-2004 02:17:57	Dark	40.000	157	The1Eri	2.9060	9300.0	80	14114	No
GOM_TRA_1PNPDE20041111_022303_000000832032_00032_14114_0012.N1	11-NOV-2004 02:23:03	Twilight	82.500	101	11Alp Lep	2.5820	7000.0	165	14114	No
GOM_TRA_1PNPDE20041111_022526_000000622032_00032_14114_0013.N1	11-NOV-2004 02:25:26	Bright	61.500	165	34Gam Eri	2.9500	3200.0	123	14114	No
GOM_TRA_1PNPDE20041111_022836_000001132032_00032_14114_0014.N1	11-NOV-2004 02:28:36	Bright	112.50	7	19Bet Ori	0.10000	14000.	225	14114	No
GOM_TRA_1PNPDE20041111_023123_000001242032_00032_14114_0015.N1	11-NOV-2004 02:31:23	Bright	123.50	125	44Iot Ori	2.7700	30000.	247	14114	No
GOM_TRA_1PNPDE20041111_023553_000000392032_00032_14114_0016.N1	11-NOV-2004 02:35:53	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	14114	No
GOM_TRA_1PNPDE20041111_024000_000000402032_00032_14114_0017.N1	11-NOV-2004 02:40:00	Bright	39.500	173	4Bet Tri	3.0040	8900.0	79	14114	No
GOM_TRA_1PNPDE20041111_024203_000000412032_00032_14114_0018.N1	11-NOV-2004 02:42:03	Bright	41.000	73	57Gam1And	2.2600	13100.	82	14114	No
GOM_TRA_1PNPDE20041111_024358_000000482032_00032_14114_0019.N1	11-NOV-2004 02:43:58	Bright	47.500	149	45Eps Per	2.8880	30000.	95	14114	No

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



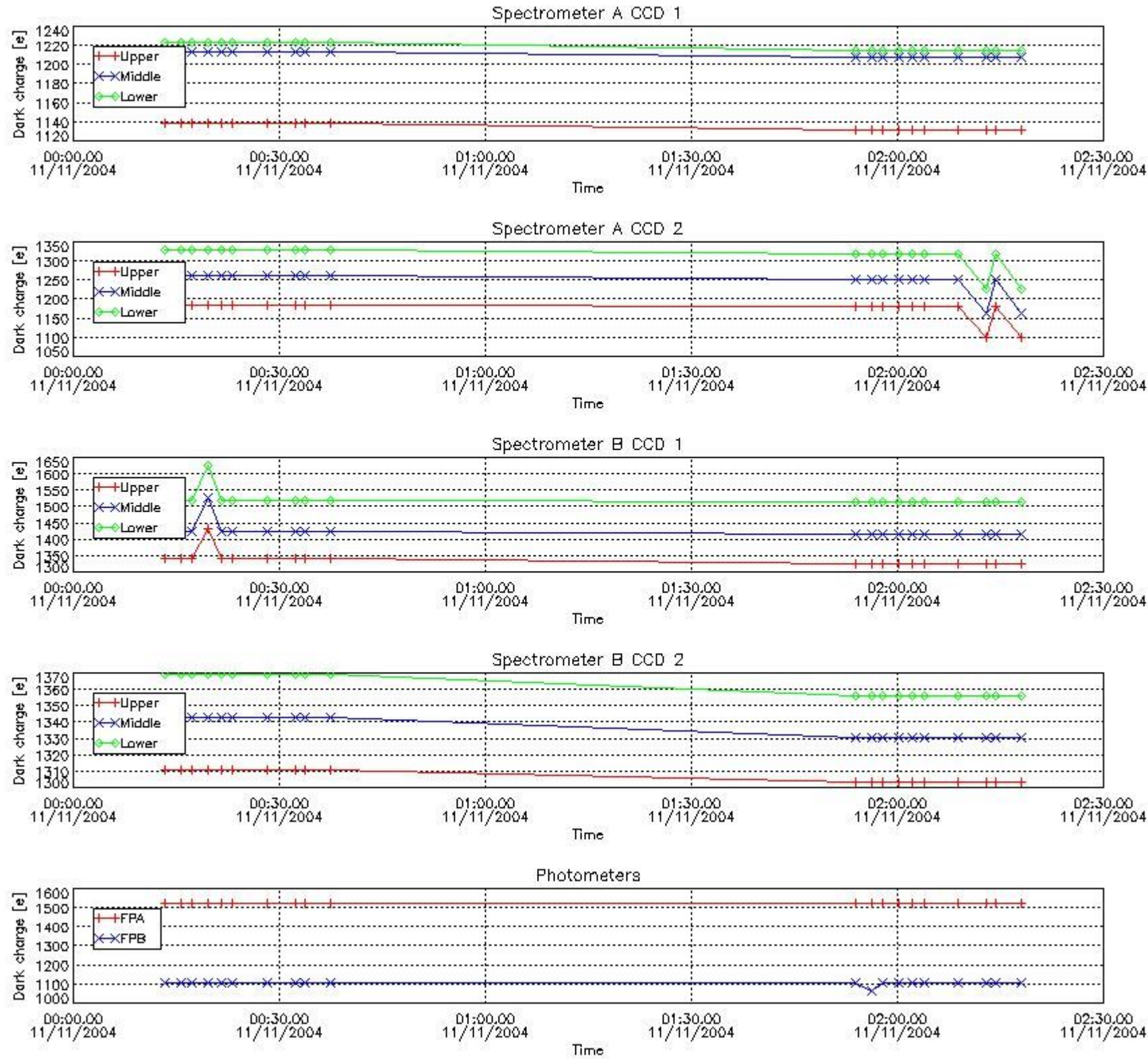
4. Overview of dark signal processing per product

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



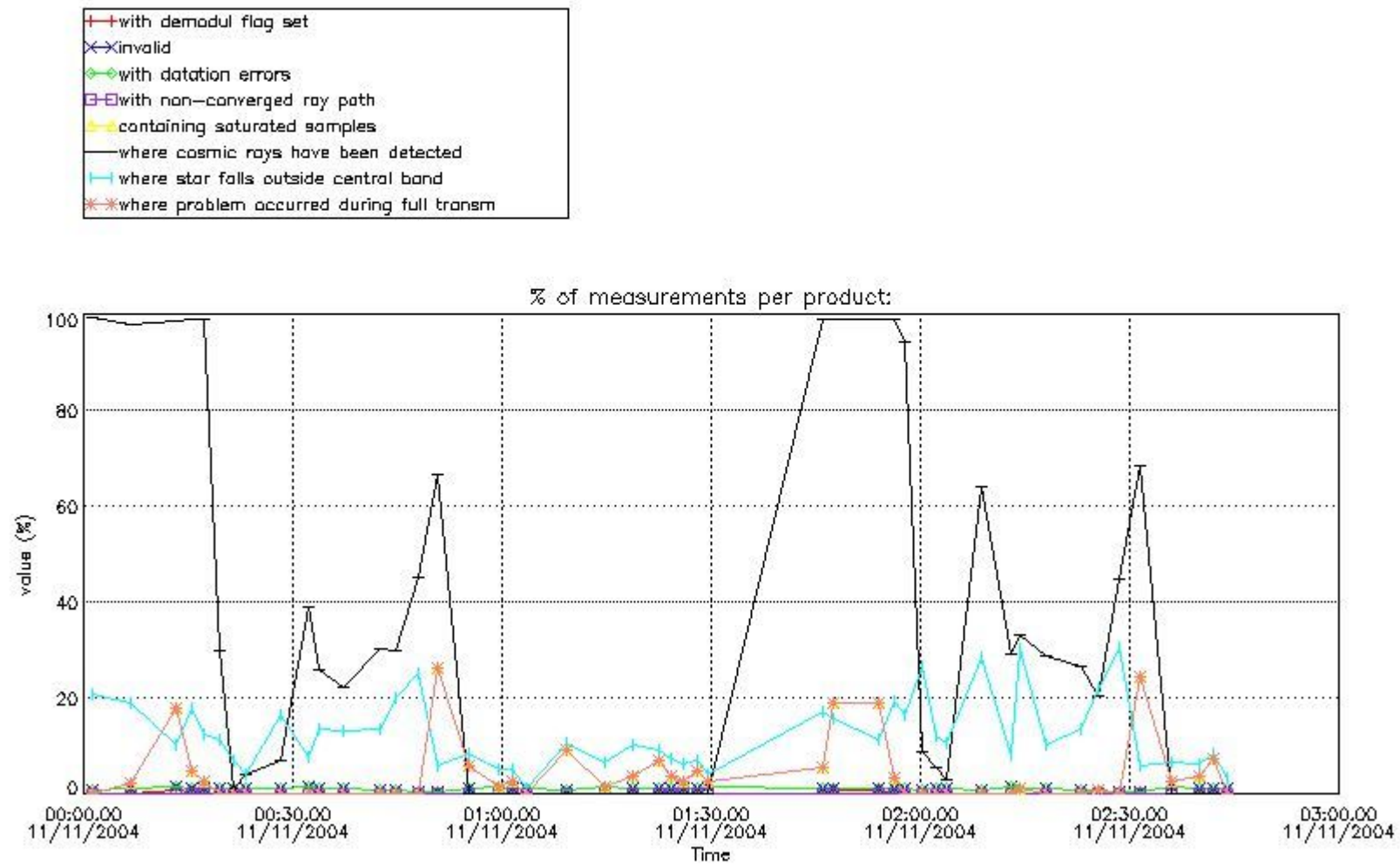
5. Demodulation flag and quality information monitoring

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.

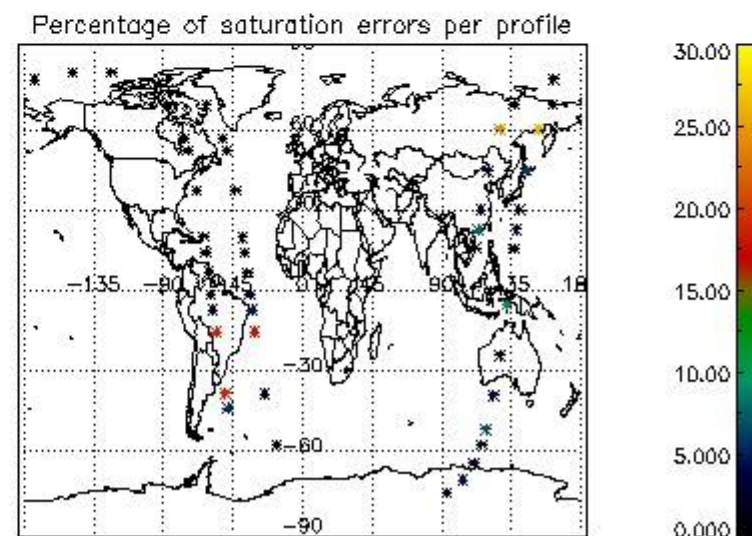
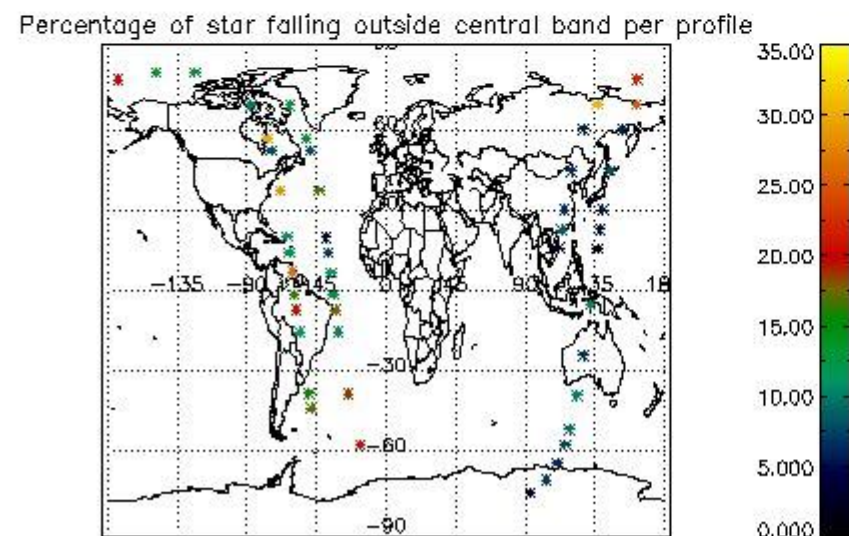
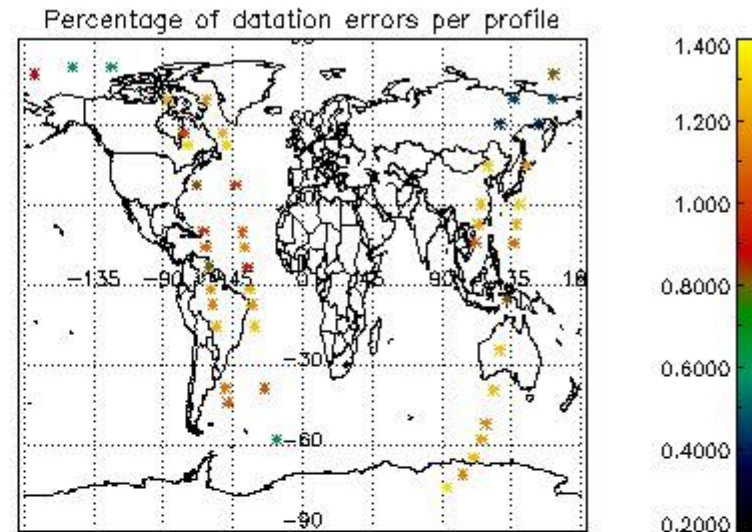
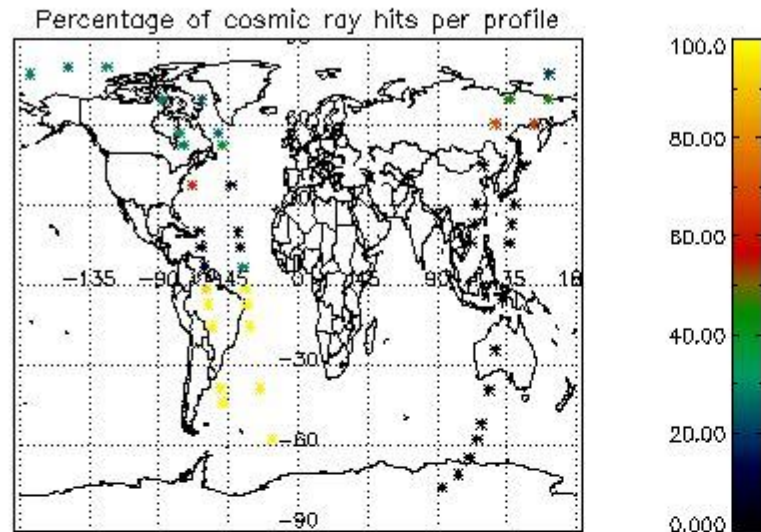
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	22.9167 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



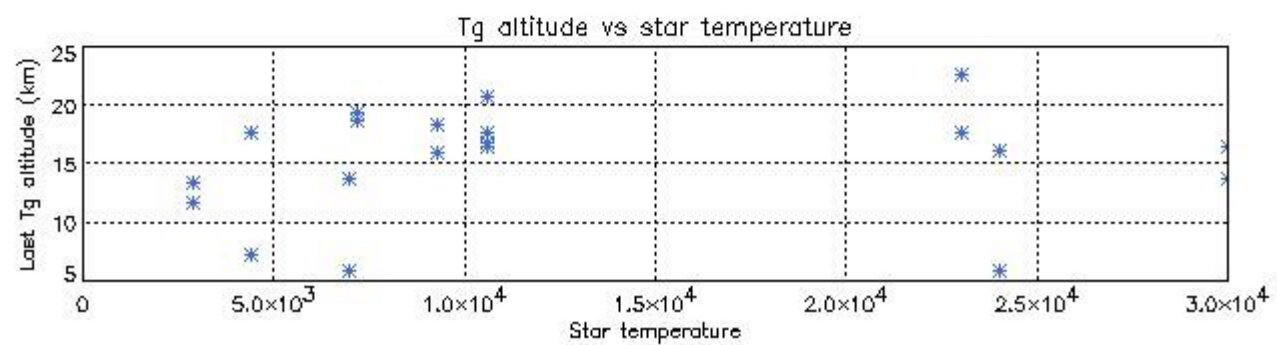
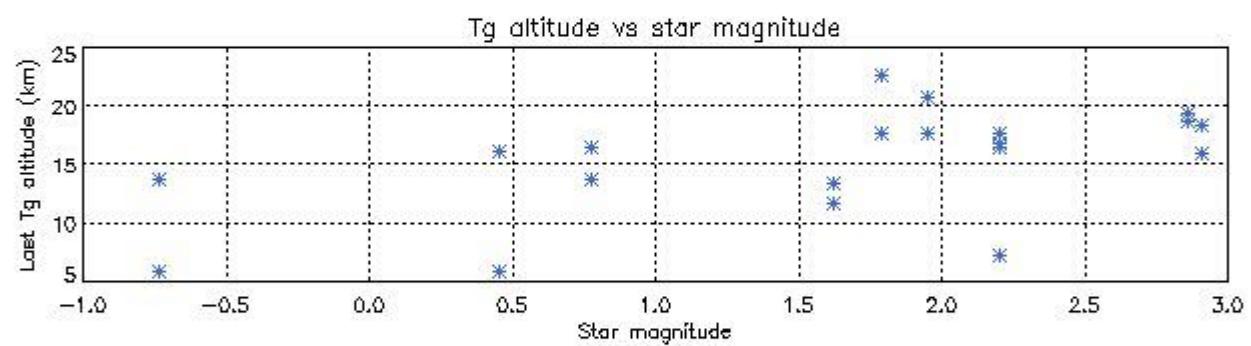
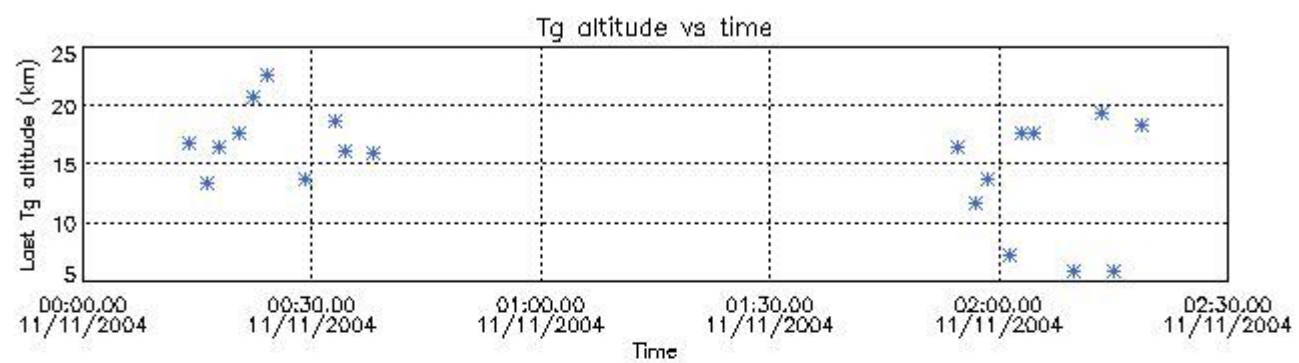
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.314	18.790	13.285
St. deviation:	4.6129	5.1289	1.5111
Maximum:	22.565	26.014	15.251
Minimum:	5.9337	6.6070	11.884
Number of data:	20.000	22.000	6.0000

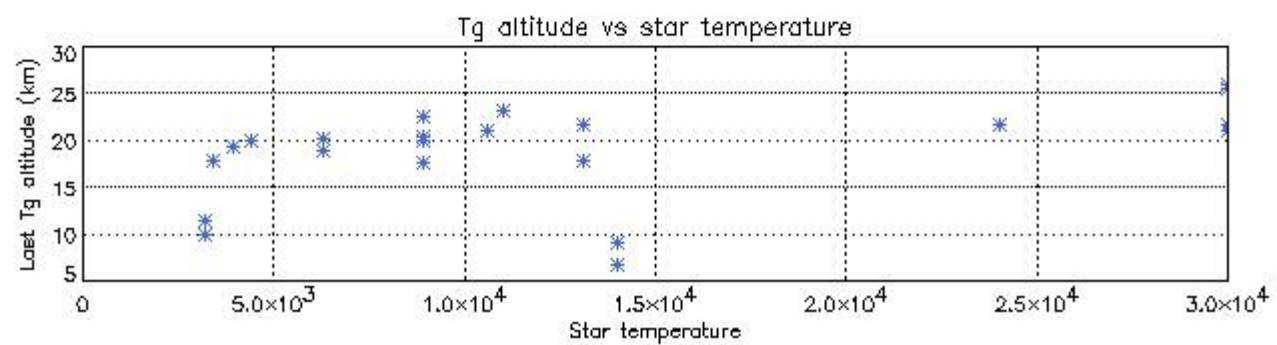
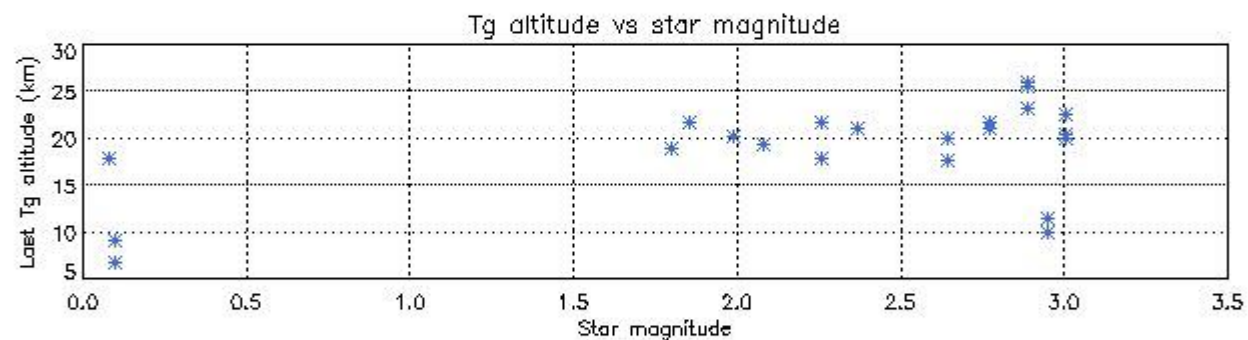
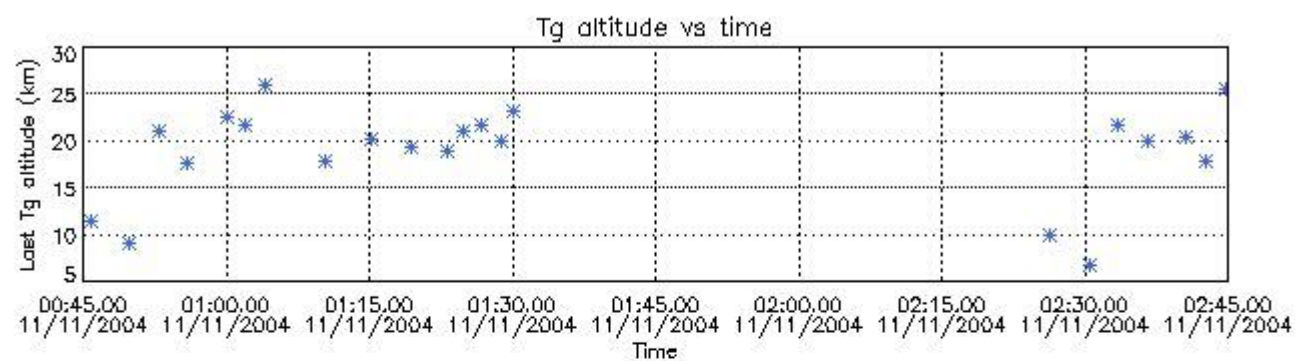
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



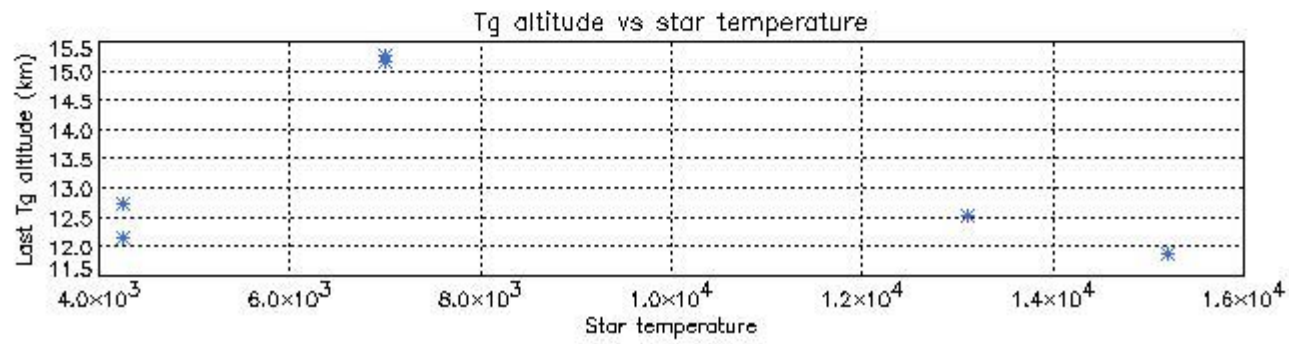
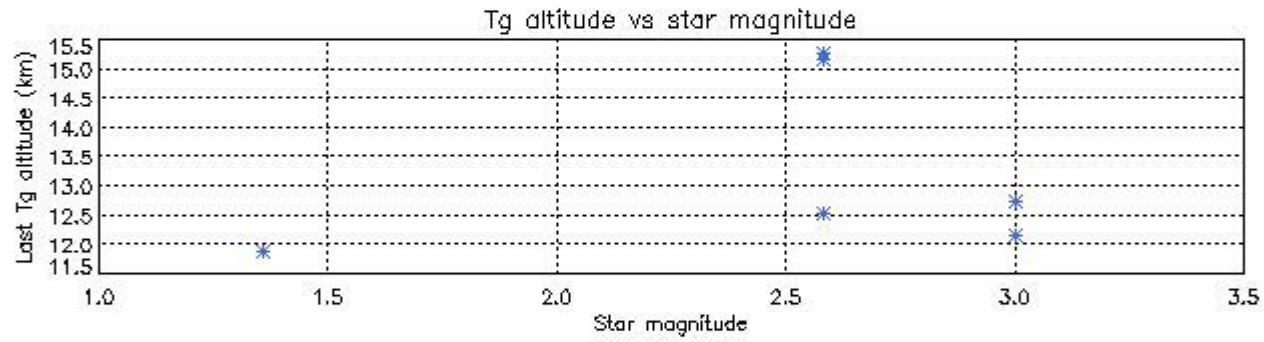
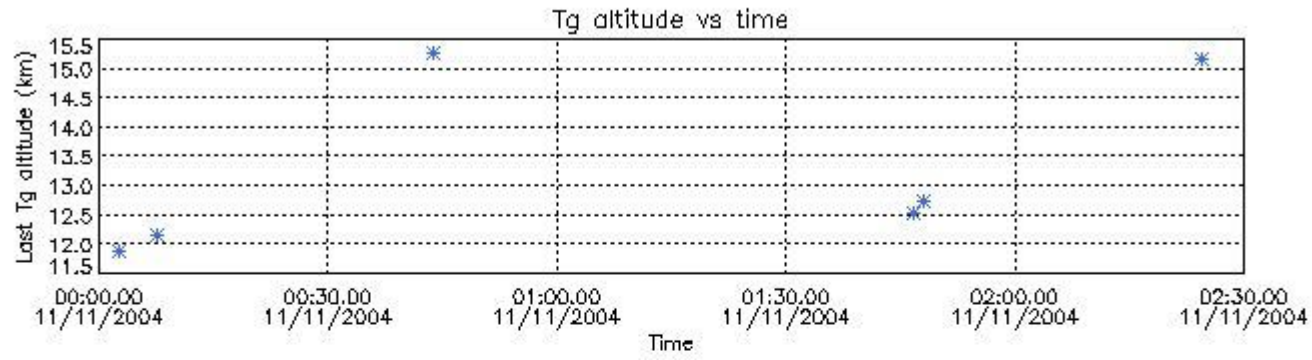
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

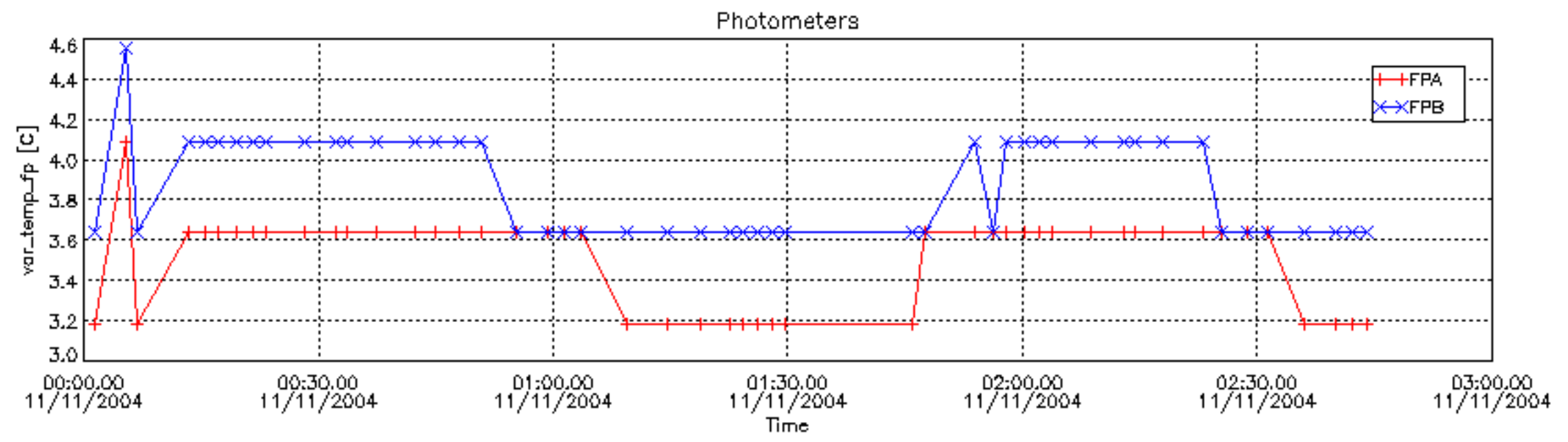
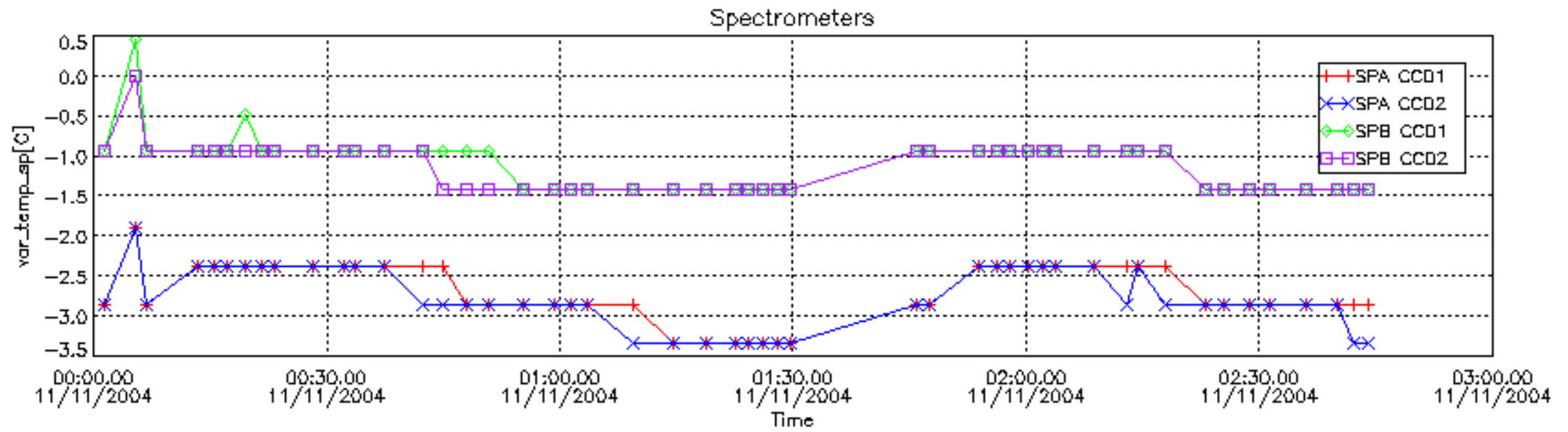
Tangent altitude at which the star is lost

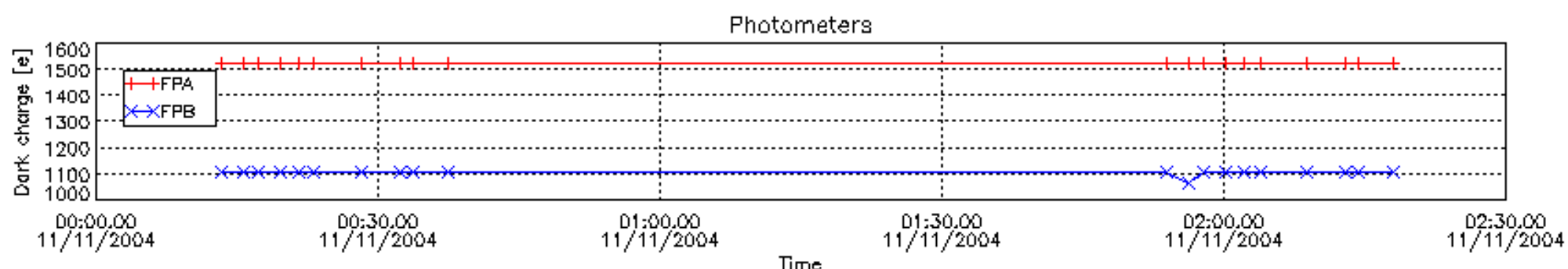
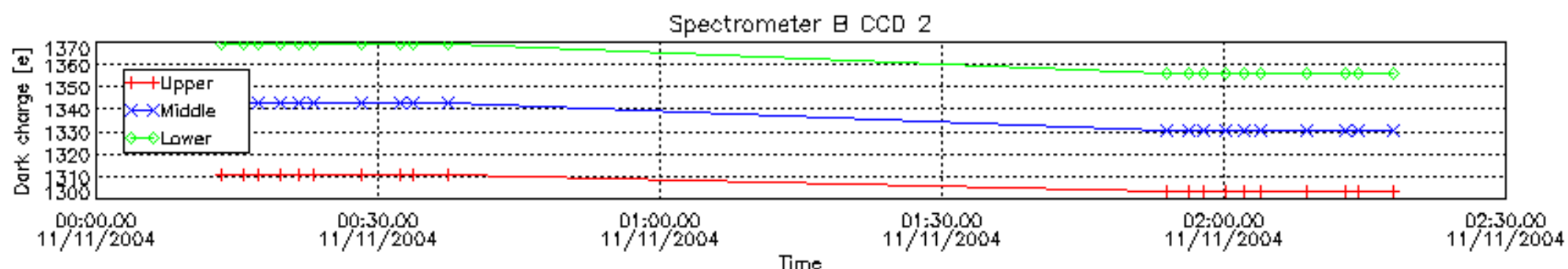
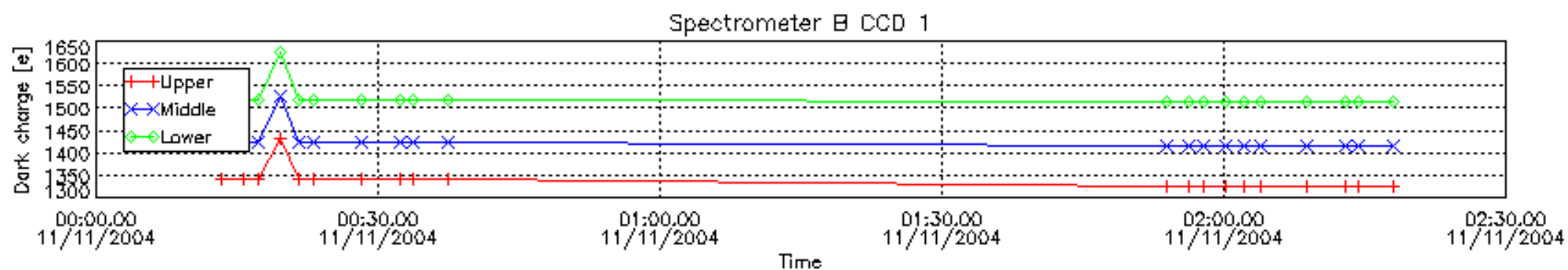
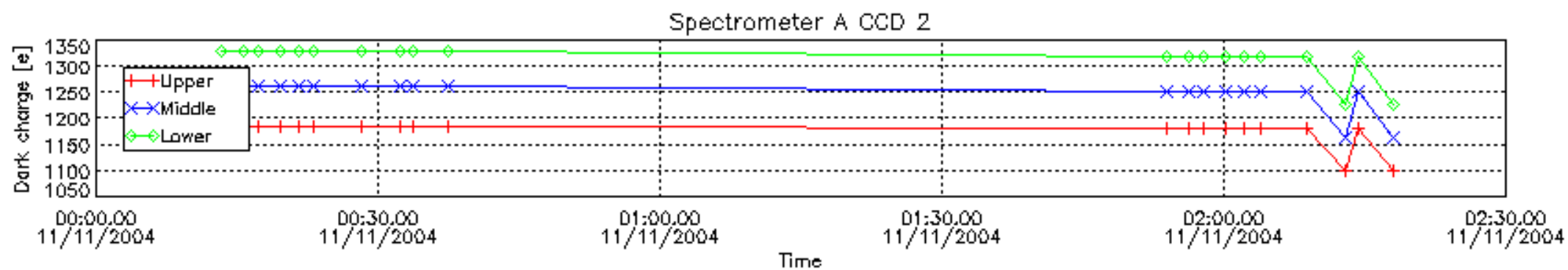
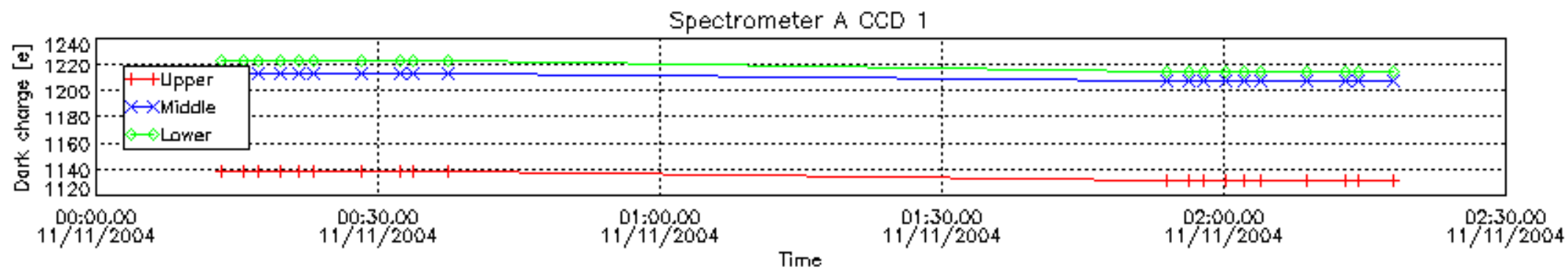


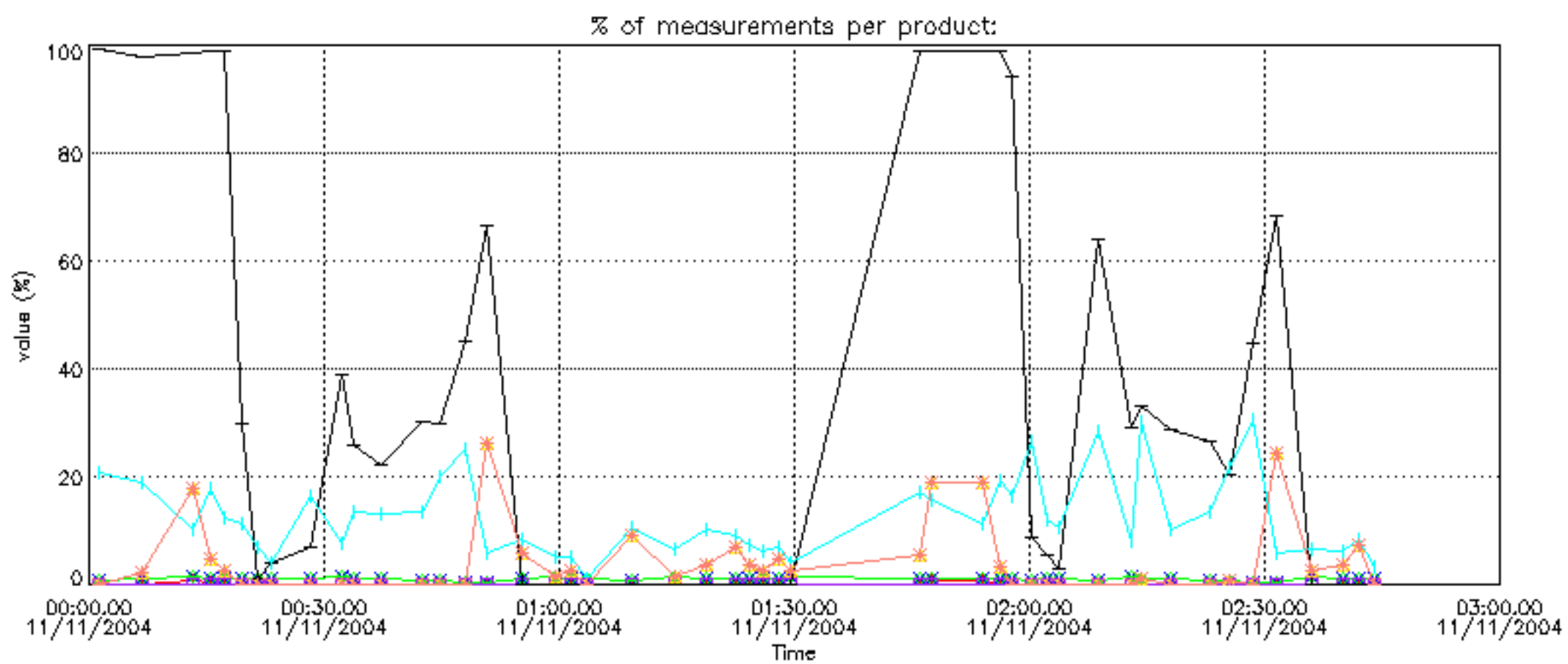
7. Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

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.

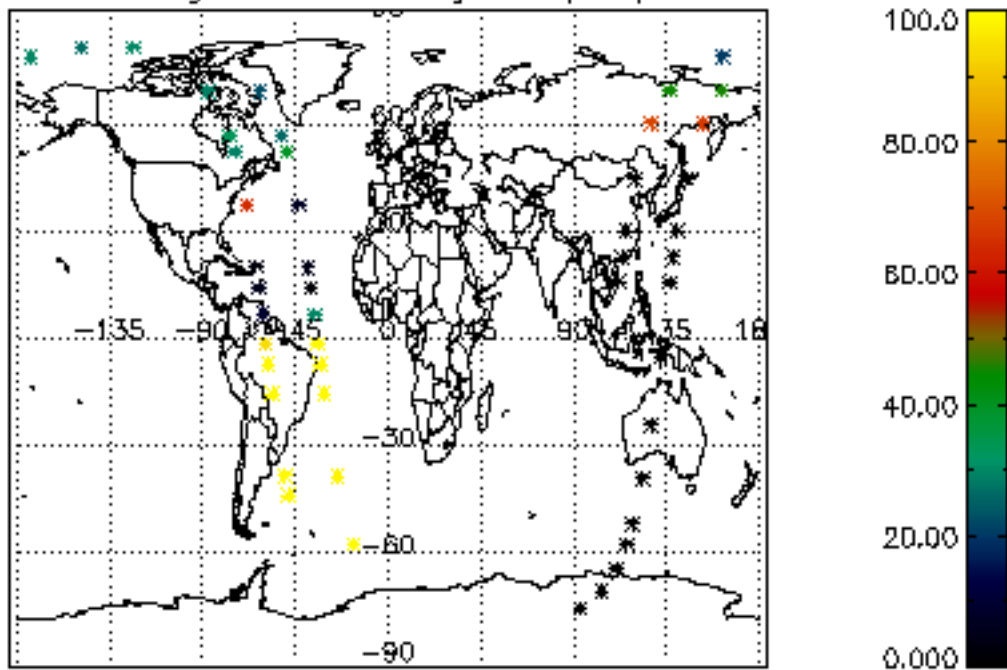
Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	1460.7	1446.6	1462.2	1447.9
St. deviation:	4.5383	5.6031	7.9574	8.9312
Maximum:	1501.0	1483.0	1532.0	1507.0
Minimum:	1429.0	1415.0	1413.0	1384.0
Number of data:	23100.	23100.	31050.	31050.



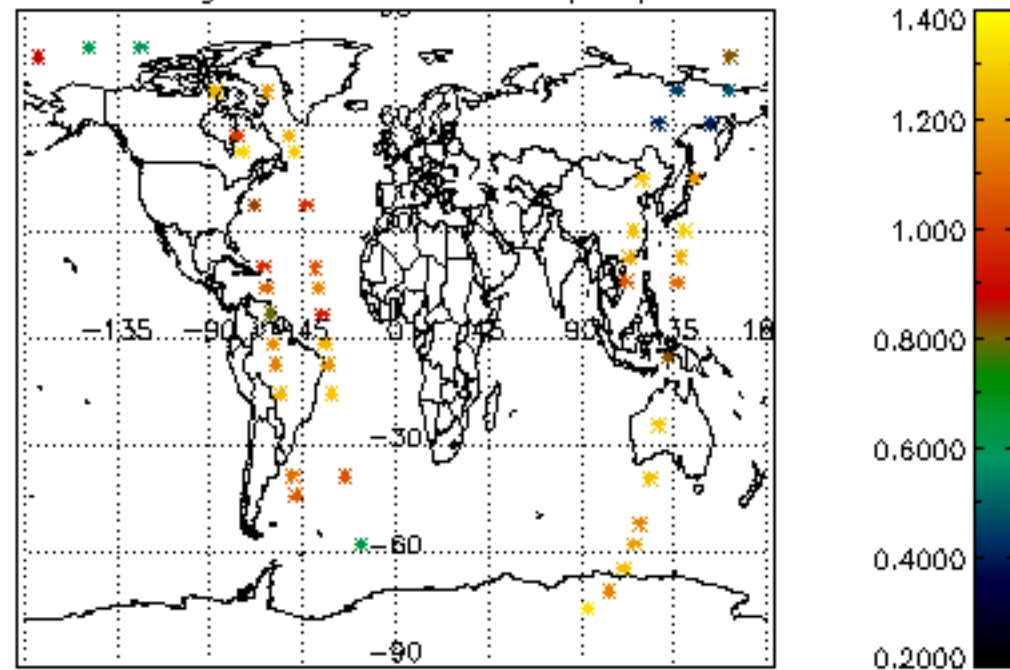




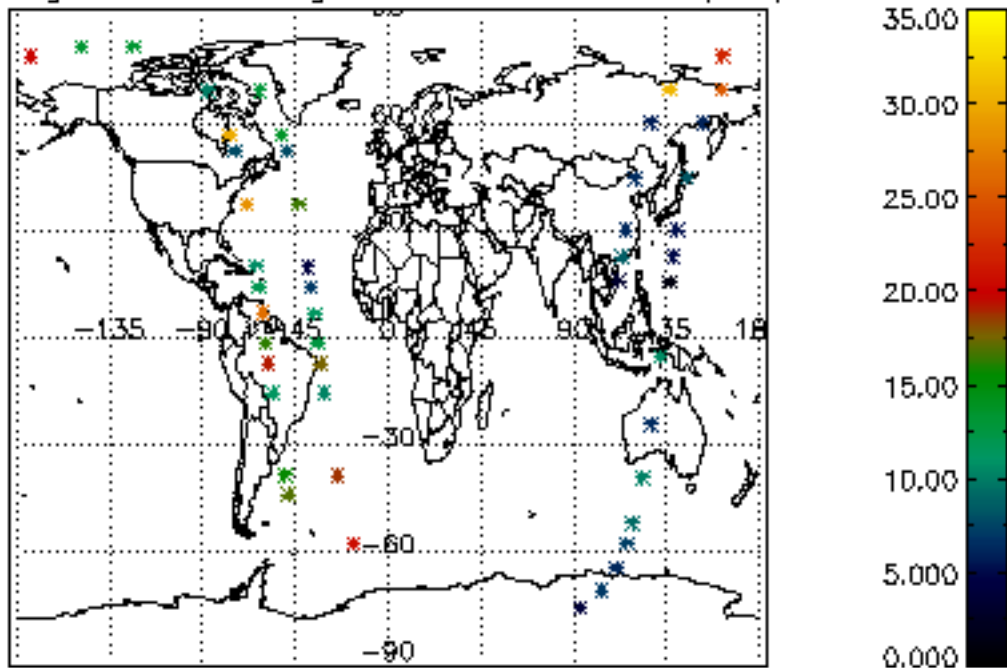
Percentage of cosmic ray hits per profile



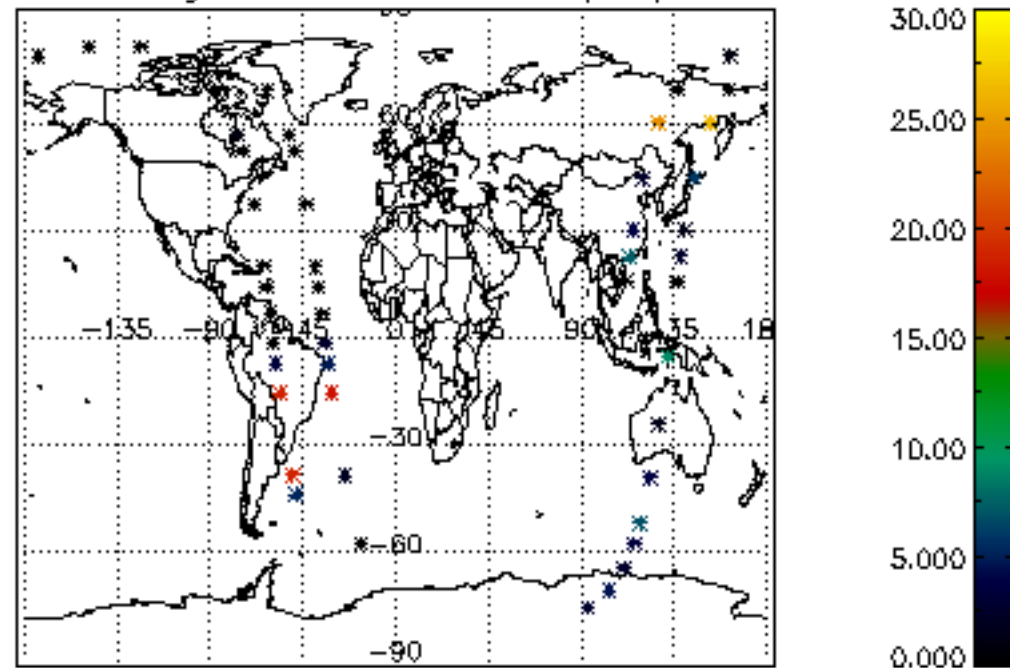
Percentage of datation errors per profile



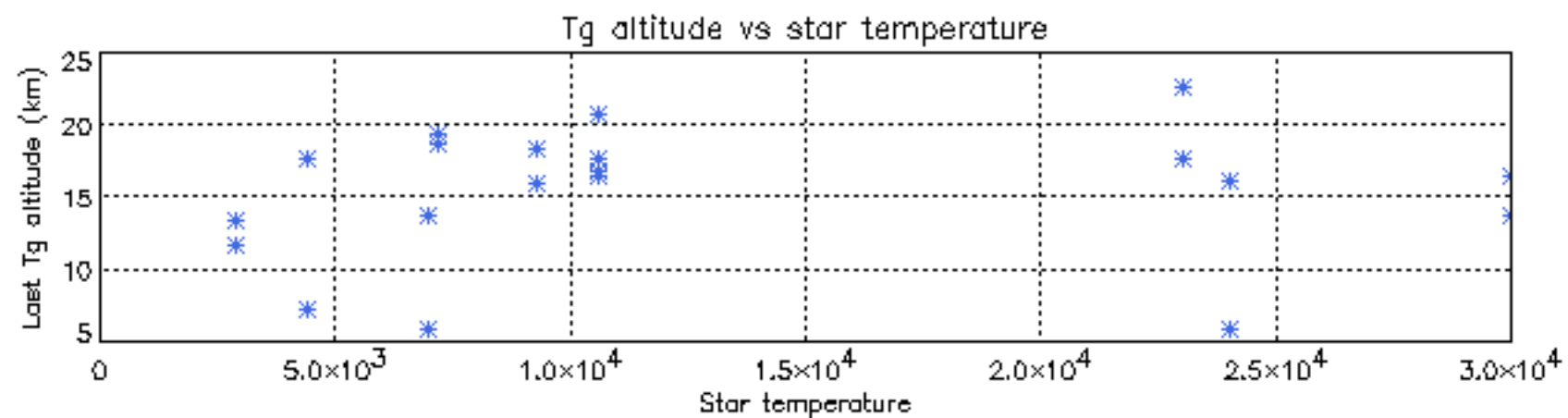
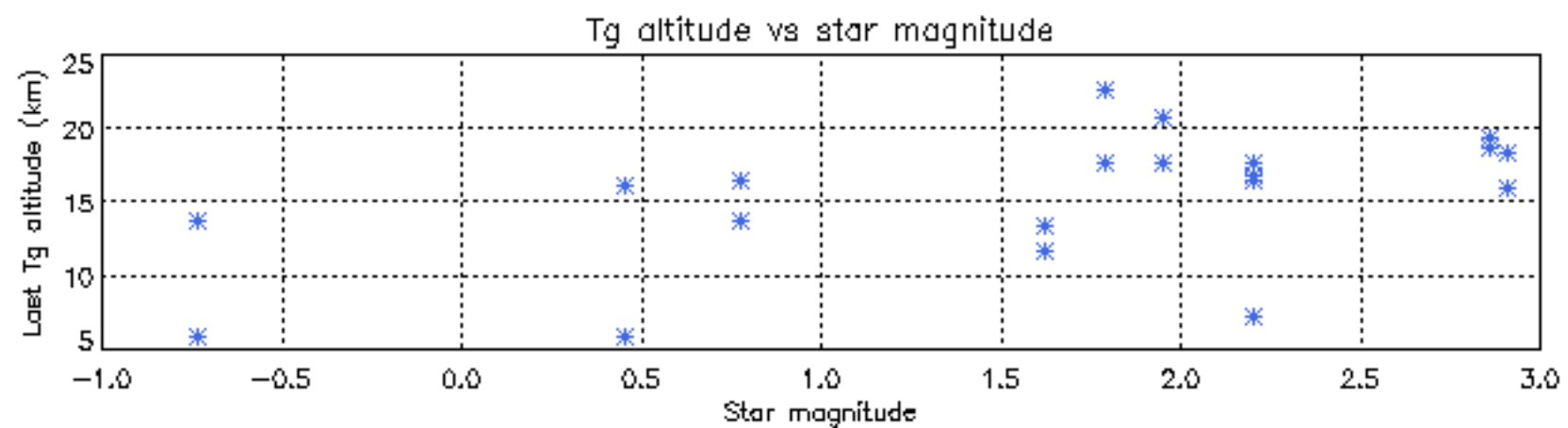
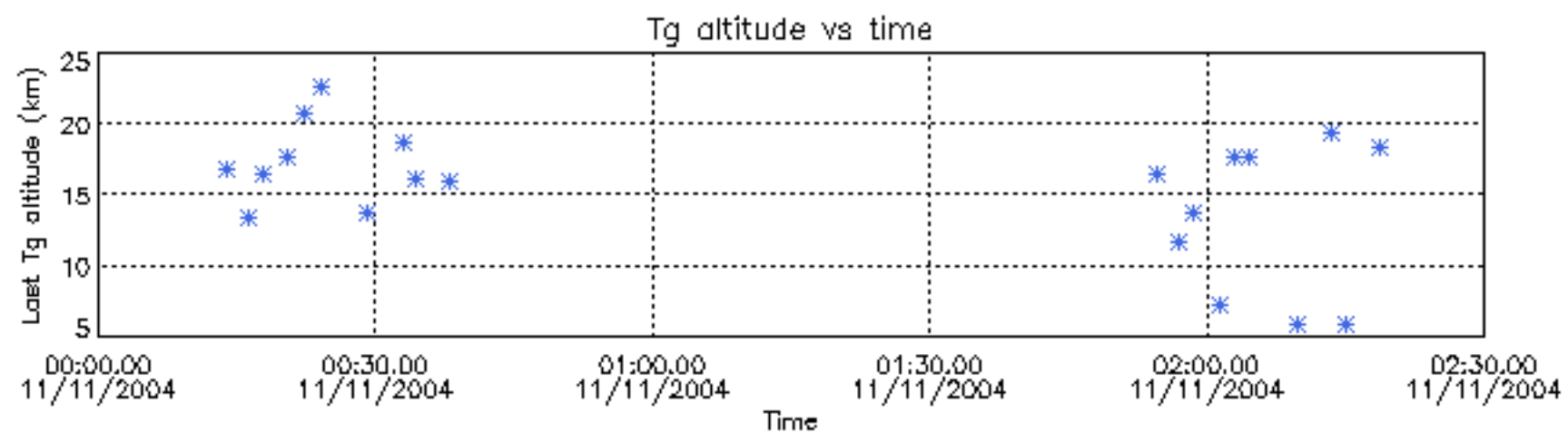
Percentage of star falling outside central band per profile



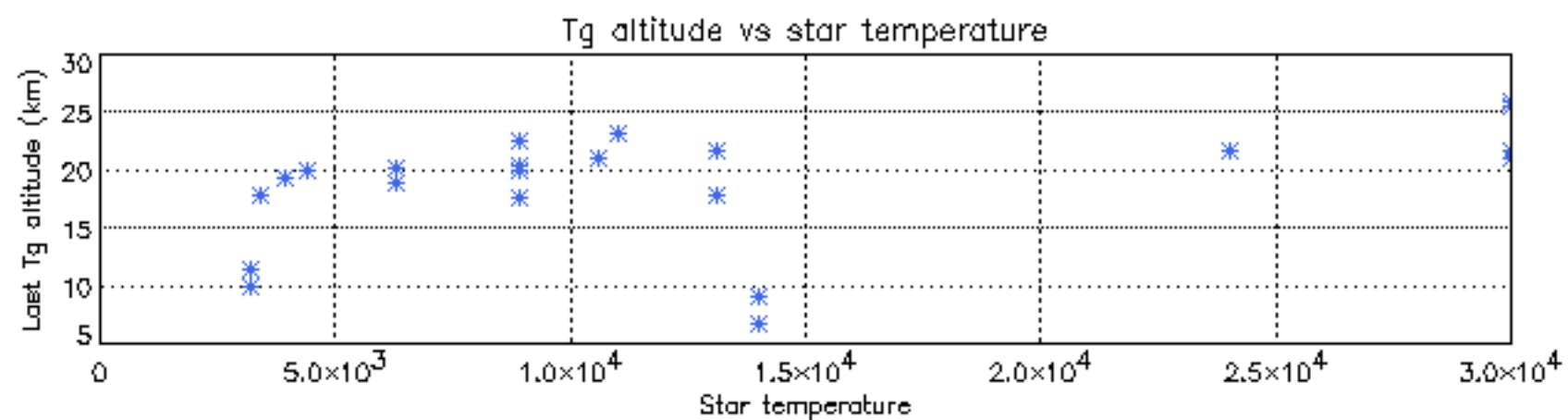
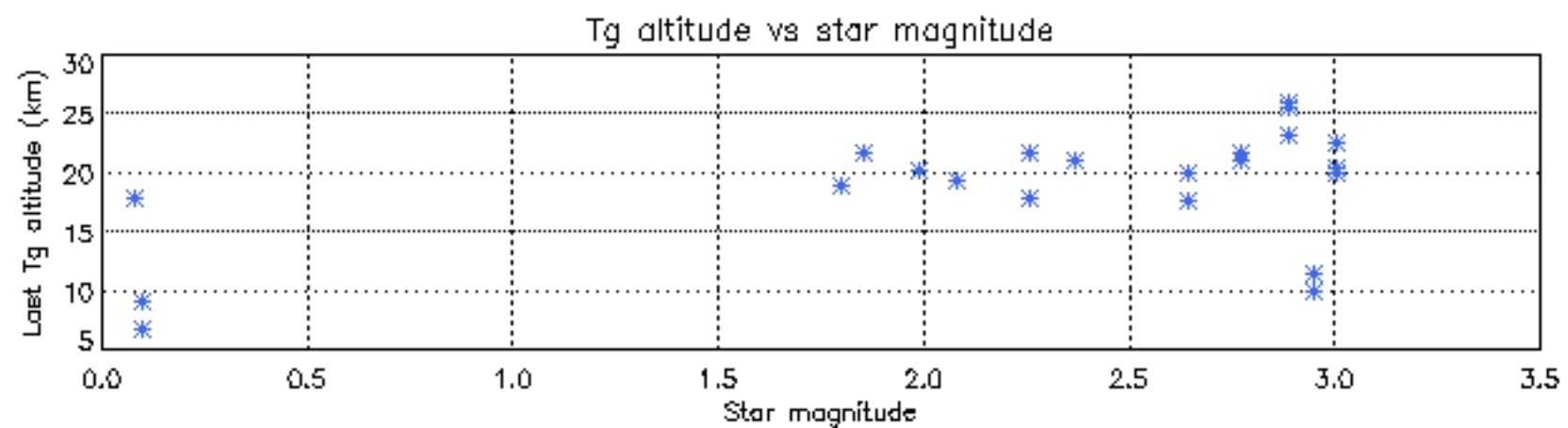
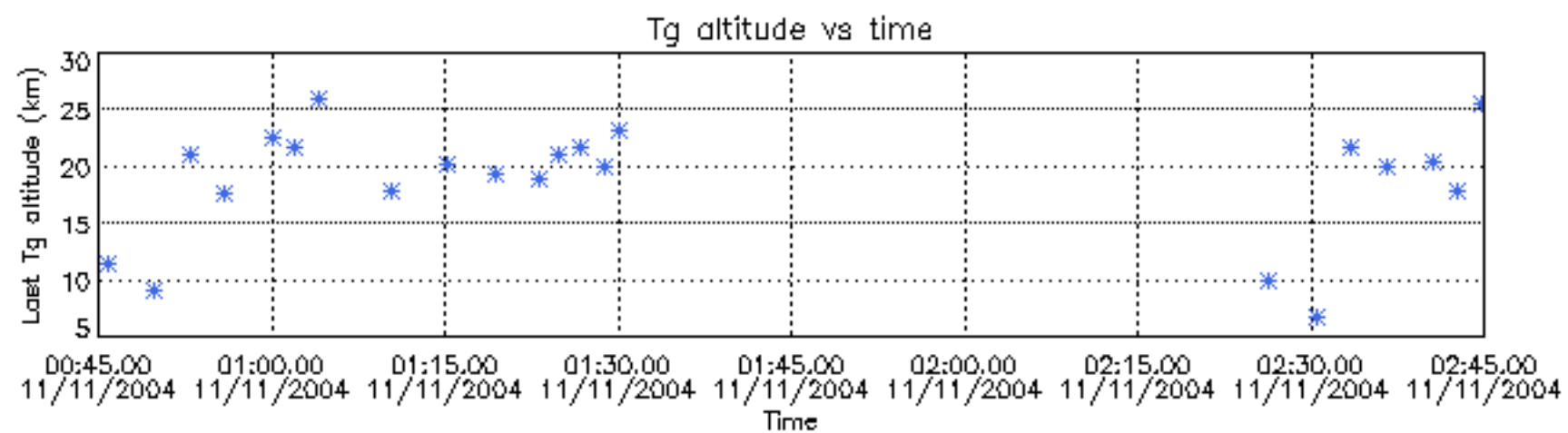
Percentage of saturation errors per profile



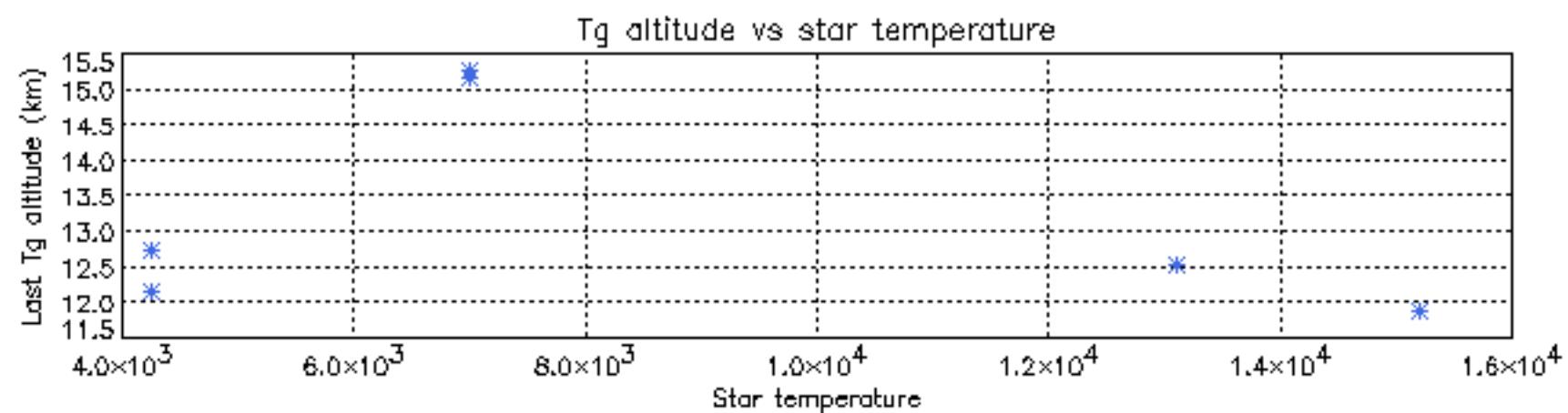
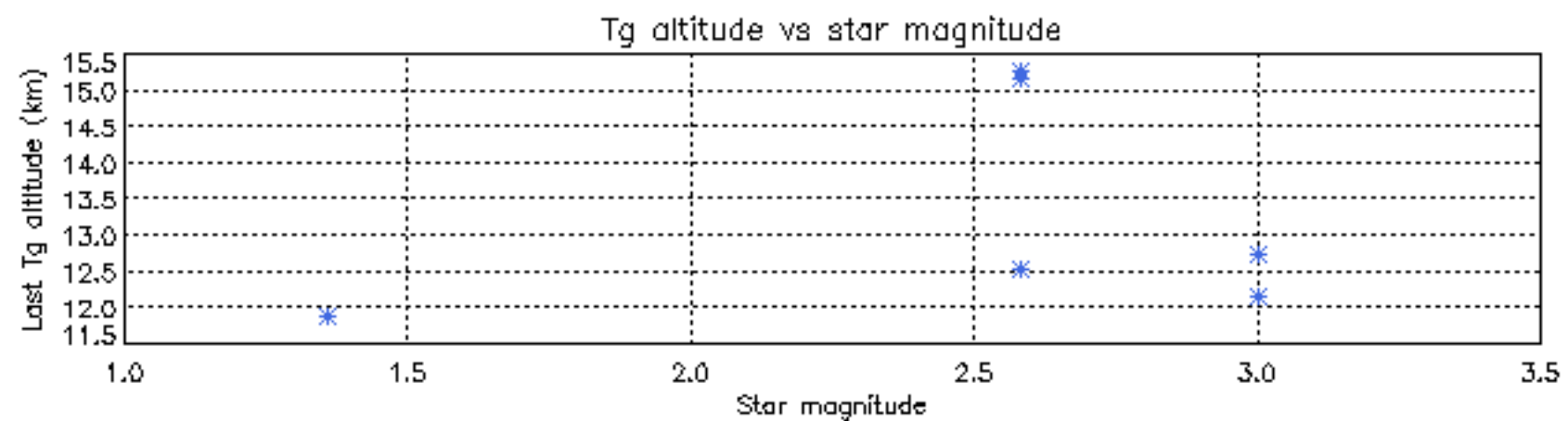
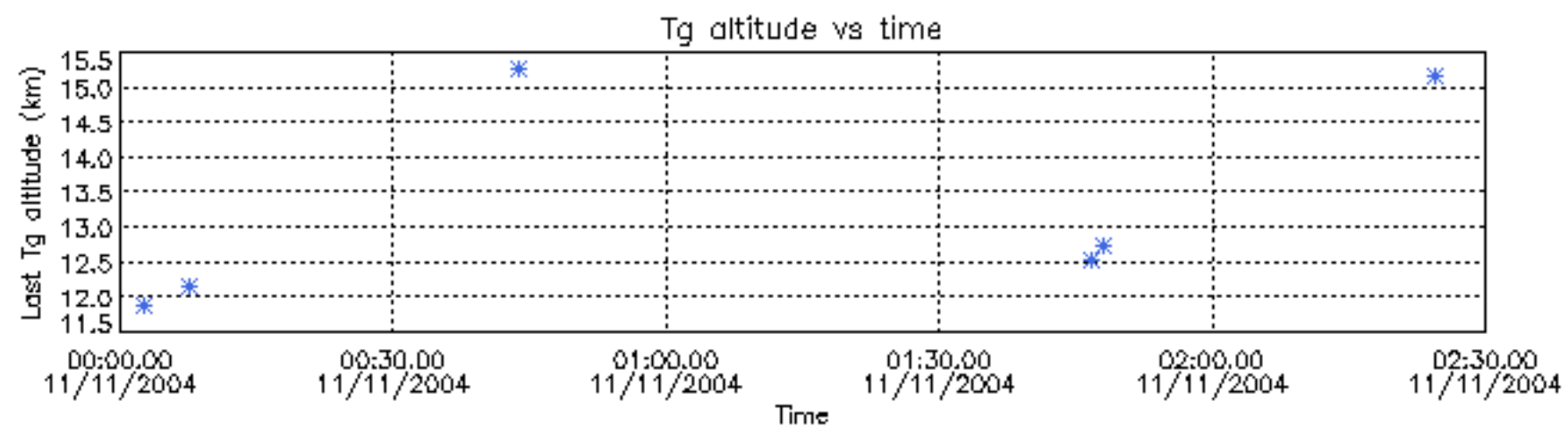
Tangent altitude at which the star is lost



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
 17; 1326.2; 01-NOV-2004 07:36:33; Dark ; 174.5; 1; 9Alp CMA ;-1.44; 11000;occ; 349; 0;13974

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 4;-3709.2; 01-NOV-2004 07:53:13; Bright; 42.0; 50; 13Alp Ari ; 2.01; 4250;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
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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
 17; -524.3; 01-NOV-2004 08:46:18; Dark ; 77.5; 48; 30Alp Hya ; 1.98; 4100;occ; 155; 0;13974
 18; -233.1; 01-NOV-2004 08:51:09; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;13974
 19; -104.3; 01-NOV-2004 08:53:18; Dark ; 37.5; 129; Del Cru ; 2.79; 26000;occ; 75; 0;13974
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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
 26; 1142.7; 01-NOV-2004 09:14:05; Dark ; 42.5; 157; The1Eri ; 2.91; 9300;occ; 85; 0;13975
 27; 1328.8; 01-NOV-2004 09:17:11; Dark ; 172.0; 1; 9Alp CMA ;-1.44; 11000;occ; 344; 0;13975
 28; 1624.5; 01-NOV-2004 09:22:07; Dark ; 47.5; 52; 16Bet Cet ; 2.04; 4500;occ; 95; 0;13975

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 2;-4029.7; 01-NOV-2004 09:28:29; Dark ; 61.5; 94; 92Alp Cet ; 2.53; 3100;occ; 123; 0;13975
 3;-3840.0; 01-NOV-2004 09:31:38; Bright; 37.0; 140; 88Gam Peg ; 2.83; 26000;occ; 74; 0;13975
 4;-3709.4; 01-NOV-2004 09:33:49; Bright; 43.5; 50; 13Alp Ari ; 2.01; 4250;occ; 87; 0;13975
 5;-3609.4; 01-NOV-2004 09:35:29; Bright; 38.0; 58; 21Alp And ; 2.07; 11000;occ; 76; 0;13975
 6;-3523.1; 01-NOV-2004 09:36:55; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;13975
 7;-3379.0; 01-NOV-2004 09:39:19; Bright; 40.0; 73; 57Gam1And ; 2.26; 13100;occ; 80; 0;13975
 8;-3169.8; 01-NOV-2004 09:42:49; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;13975
 9;-3099.1; 01-NOV-2004 09:43:59; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;13975
 10;-2927.2; 01-NOV-2004 09:46:51; Bright; 86.0; 114; 3Iot Aur ; 2.69; 4600;occ; 172; 0;13975
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 13;-2383.4; 01-NOV-2004 09:55:55; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;13975
 14;-2126.9; 01-NOV-2004 10:00:11; Bright; 41.5; 36; 50Alp UMa ; 1.80; 6300;occ; 83; 0;13975
 15;-2030.9; 01-NOV-2004 10:01:47; Bright; 39.5; 82; 48Bet UMa ; 2.37; 10600;occ; 79; 0;13975
 16;-1808.1; 01-NOV-2004 10:05:30; Bright; 41.5; 174; 52Psi UMa ; 3.00; 4400;occ; 83; 0;13975
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 20; -135.9; 01-NOV-2004 10:33:22; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;13975

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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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26; 943.1; 01-NOV-2004 10:51:21; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;13976
27; 1143.0; 01-NOV-2004 10:54:41; Dark ; 43.0; 157; The1Eri ; 2.91; 9300;occ; 86; 0;13976
28; 1331.6; 01-NOV-2004 10:57:50; Dark ; 172.0; 1; 9Alp CMA ;-1.44; 11000;occ; 344; 0;13976
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2;-4030.4; 01-NOV-2004 11:09:04; Dark ; 65.0; 94; 92Alp Cet ; 2.53; 3100;occ; 130; 0;13976
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6;-3523.4; 01-NOV-2004 11:17:31; Bright; 36.5; 53; 43Bet And ; 2.05; 3300;occ; 73; 0;13976
7;-3379.5; 01-NOV-2004 11:19:55; Bright; 39.0; 73; 57Gam1And ; 2.26; 13100;occ; 78; 0;13976
8;-3169.8; 01-NOV-2004 11:23:24; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;13976
9;-3099.5; 01-NOV-2004 11:24:35; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;13976
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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
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15;-2030.2; 01-NOV-2004 11:42:24; Bright; 40.5; 82; 48Bet UMA ; 2.37; 10600;occ; 81; 0;13976
16;-1808.4; 01-NOV-2004 11:46:06; Bright; 41.0; 174; 52Psi UMA ; 3.00; 4400;occ; 82; 0;13976
17;-1353.6; 01-NOV-2004 11:53:41; Dark ; 255.0; 24; 66Alp Gem ; 1.58; 10200;occ; 510; 0;13976
18; -520.9; 01-NOV-2004 12:07:33; Dark ; 78.5; 48; 30Alp Hya ; 1.98; 4100;occ; 157; 0;13976
19; -233.1; 01-NOV-2004 12:12:21; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;13976
20; -135.8; 01-NOV-2004 12:13:58; Dark ; 44.5; 26; Gam Cru ; 1.62; 2900;occ; 89; 0;13976
21; -11.6; 01-NOV-2004 12:16:03; Dark ; 47.0; 65; Lam Vel ; 2.20; 4400;occ; 94; 0;13976
22; 166.6; 01-NOV-2004 12:19:01; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;13977
23; 531.4; 01-NOV-2004 12:25:06; Dark ; 52.0; 2; Alp Car ;-0.74; 7000;occ; 104; 0;13977
24; 631.5; 01-NOV-2004 12:26:46; Dark ; 84.5; 23; 21Eps CMA ; 1.50; 26000;occ; 169; 0;13977
25; 860.1; 01-NOV-2004 12:30:34; Dark ; 40.0; 143; Alp Hyi ; 2.86; 7200;occ; 80; 0;13977
26; 943.5; 01-NOV-2004 12:31:58; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;13977
27; 1143.0; 01-NOV-2004 12:35:17; Dark ; 43.0; 157; The1Eri ; 2.91; 9300;occ; 86; 0;13977
28; 1334.5; 01-NOV-2004 12:38:29; Dark ; 171.5; 1; 9Alp CMA ;-1.44; 11000;occ; 343; 0;13977
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5;-3710.1; 01-NOV-2004 12:55:00; Bright; 43.0; 50; 13Alp Ari ; 2.01; 4250;occ; 86; 0;13977
6;-3609.8; 01-NOV-2004 12:56:40; Bright; 39.0; 58; 21Alp And ; 2.07; 11000;occ; 78; 0;13977
7;-3523.4; 01-NOV-2004 12:58:07; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;13977
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16;-2030.3; 01-NOV-2004 13:23:00; Bright; 41.0; 82; 48Bet UMA ; 2.37; 10600;occ; 82; 0;13977
17;-1807.6; 01-NOV-2004 13:26:42; Bright; 40.5; 174; 52Psi UMA ; 3.00; 4400;occ; 81; 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
29; 1337.3; 01-NOV-2004 14:19:07; Dark ; 171.5; 1; 9Alp CMA ;-1.44; 11000;occ; 343; 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
16;-2030.6; 01-NOV-2004 15:03:35; Bright; 54.5; 82; 48Bet UMa ; 2.37; 10600;occ; 109; 0;13978
17;-1808.2; 01-NOV-2004 15:07:18; Bright; 41.5; 174; 52Psi UMa ; 3.00; 4400;occ; 83; 0;13978
18;-1350.5; 01-NOV-2004 15:14:55; Dark ; 255.0; 24; 66Alp Gem ; 1.58; 10200;occ; 510; 0;13978
19; -517.7; 01-NOV-2004 15:28:48; Dark ; 75.0; 48; 30Alp Hya ; 1.98; 4100;occ; 150; 0;13978
20; -233.0; 01-NOV-2004 15:33:33; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;13978
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 17; 1172.6; 08-NOV-2004 07:13:50; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;14074
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19;-1812.4; 13-NOV-2004 12:08:59; Bright; 42.0; 174; 52Psi UMa ; 3.00; 4400;occ; 84; 0;14148
20;-1711.6; 13-NOV-2004 12:10:39; Bright; 38.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 76; 0;14148
21;-1409.5; 13-NOV-2004 12:15:42; Bright; 33.5; 111; 8Eta Boo ; 2.68; 6000;occ; 67; 0;14148
22;-1218.2; 13-NOV-2004 12:18:53; Bright; 90.5; 166; 17Eps Leo ; 2.98; 6000;occ; 181; 0;14148
23; -938.7; 13-NOV-2004 12:23:32; Dark ; 82.0; 22; 32Alp Leo ; 1.36; 15200;occ; 164; 0;14148
24; -724.3; 13-NOV-2004 12:27:07; Dark ; 41.5; 100; 4Gam Crv ; 2.58; 13100;occ; 83; 0;14148
25; -633.2; 13-NOV-2004 12:28:38; Dark ; 43.5; 171; 2Eps Crv ; 3.00; 4250;occ; 87; 0;14148
26; -252.4; 13-NOV-2004 12:34:59; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;14148
27; -115.0; 13-NOV-2004 12:37:16; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14148
28; -16.9; 13-NOV-2004 12:38:54; Dark ; 39.5; 12; Alp1Cru ; 0.77; 30000;occ; 79; 0;14148
29; 100.5; 13-NOV-2004 12:40:52; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14149
30; 204.1; 13-NOV-2004 12:42:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14149
31; 328.1; 13-NOV-2004 12:44:39; Dark ; 47.0; 41; Eps Car ; 1.86; 4100;occ; 94; 0;14149
32; 422.9; 13-NOV-2004 12:46:14; Dark ; 56.5; 70; Zet Pup ; 2.25; 39000;occ; 113; 0;14149
33; 656.4; 13-NOV-2004 12:50:07; Dark ; 61.0; 2; Alp Car ; -0.74; 7000;occ; 122; 0;14149
34; 760.3; 13-NOV-2004 12:51:51; Dark ; 79.5; 88; 31Eta CMA ; 2.45; 20000;occ; 159; 0;14149
35; 966.6; 13-NOV-2004 12:55:18; Dark ; 41.0; 9; Alp Eri ; 0.45; 24000;occ; 82; 0;14149
36; 1192.5; 13-NOV-2004 12:59:04; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14149
37; 1491.4; 13-NOV-2004 13:04:02; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;14149
/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDK20041113_130402_000057762032_00067_14149_1365.N1
1;-4544.6; 13-NOV-2004 13:04:02; Dark ; 213.0; 1; 9Alp CMA ; -1.44; 11000;occ; 426; 0;14149
2;-4231.3; 13-NOV-2004 13:09:16; Dark ; 92.0; 7; 19Bet Ori ; 0.10; 14000;occ; 184; 0;14149
3;-4061.5; 13-NOV-2004 13:12:05; Dark ; 50.5; 94; 92Alp Cet ; 2.53; 3100;occ; 101; 0;14149
4;-3775.2; 13-NOV-2004 13:16:52; Bright; 39.5; 105; 6Bet Ari ; 2.64; 8900;occ; 79; 0;14149
5;-3626.1; 13-NOV-2004 13:19:21; Bright; 47.0; 146; 25Eta Tau ; 2.87; 15200;occ; 94; 0;14149
6;-3511.9; 13-NOV-2004 13:21:15; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;14149
7;-3408.7; 13-NOV-2004 13:22:58; Bright; 37.0; 73; 57Gam1And ; 2.26; 13100;occ; 74; 0;14149
8;-3315.7; 13-NOV-2004 13:24:31; Bright; 47.0; 149; 45Eps Per ; 2.89; 30000;occ; 94; 0;14149
9;-3211.8; 13-NOV-2004 13:26:15; Bright; 43.5; 35; 33Alp Per ; 1.79; 6250;occ; 87; 0;14149
10;-3110.3; 13-NOV-2004 13:27:57; Bright; 39.5; 110; 37Del Cas ; 2.68; 8900;occ; 79; 0;14149
11;-2973.4; 13-NOV-2004 13:30:14; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;14149
12;-2782.2; 13-NOV-2004 13:33:25; Bright; 59.5; 42; 34Bet Aur ; 1.90; 10200;occ; 119; 0;14149
13;-2357.4; 13-NOV-2004 13:40:30; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;14149

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

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(corrupted file due to acquisition failures)

Problem occurred when reading packet number 2145!

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

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(corrupted file due to acquisition failures)

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

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

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL_0PNPDE20041113_222832_000060382032_00072_14154_1105.N1

(corrupted file due to acquisition failures)

Problem occurred when reading packet number 671!

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

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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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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
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16;-2151.2; 13-NOV-2004 15:24:32; Bright; 41.5; 36; 50Alp UMA ; 1.80; 6300;occ; 83; 0;14150
17;-2052.9; 13-NOV-2004 15:26:10; Bright; 42.0; 82; 48Bet UMA ; 2.37; 10600;occ; 84; 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
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33; 763.1; 13-NOV-2004 16:13:06; Dark ; 78.5; 88; 31Eta CMA ; 2.45; 20000;occ; 157; 0;14151
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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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21;-1712.2; 13-NOV-2004 17:12:27; Bright; 38.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 76; 0;14151
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24;-935.5; 13-NOV-2004 17:25:24; Dark ; 85.0; 22; 32Alp Leo ; 1.36; 15200;occ; 170; 0;14151
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29; 101.1; 13-NOV-2004 17:42:40; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14152
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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
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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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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
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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
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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
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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
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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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4; -113.1; 14-NOV-2004 02:02:06; Dark ; 43.5; 26; Gam Cru ; 1.62; 2900;occ; 87; 0;14156
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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
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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
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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
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4;-2053.4; 14-NOV-2004 03:10:21; Bright; 42.0; 82; 48Bet UMA ; 2.37; 10600;occ; 84; 1;14157
5;-1918.9; 14-NOV-2004 03:12:36; Bright; 35.0; 39; 85Eta UMA ; 1.85; 24000;occ; 70; 0;14157
6;-1812.8; 14-NOV-2004 03:14:22; Bright; 43.0; 174; 52Psi UMA ; 3.00; 4400;occ; 86; 0;14157
7;-1709.4; 14-NOV-2004 03:16:05; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;14157

8;-1407.2; 14-NOV-2004 03:21:07; Bright; 33.0; 111; 8Eta Boo ; 2.68; 6000;occ; 66; 1;14157
9;-1209.9; 14-NOV-2004 03:24:25; Bright; 97.0; 166; 17Eps Leo ; 2.98; 6000;occ; 194; 1;14157
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13; -250.0; 14-NOV-2004 03:40:25; Dark ; 39.5; 64; Gam Cen ; 2.20; 10600;occ; 79; 0;14157
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35; 3420.2; 14-NOV-2004 04:41:35; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;14158

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(corrupted file due to acquisition failures)

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

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

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

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

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Problem occurred when reading packet number 3677!

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1;-4411.1; 14-NOV-2004 09:13:27; Dark ; 212.0; 1; 9Alp CMA ; -1.44; 11000;occ; 424; 262;14161
2;-4236.4; 14-NOV-2004 09:16:22; Dark ; 89.5; 7; 19Bet Ori ; 0.10; 14000;occ; 179; 0;14161
3;-4062.5; 14-NOV-2004 09:19:16; Dark ; 50.0; 94; 92Alp Cet ; 2.53; 3100;occ; 100; 0;14161
4;-3775.2; 14-NOV-2004 09:24:03; Bright; 39.0; 105; 6Bet Ari ; 2.64; 8900;occ; 78; 0;14161

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5;-3632.9; 14-NOV-2004 09:26:26; Bright; 44.0; 146; 25Eta Tau ; 2.87; 15200;occ; 88; 0;14161
6;-3533.1; 14-NOV-2004 09:28:05; Bright; 36.5; 173; 4Bet Tri ; 3.00; 8900;occ; 73; 0;14161
7;-3410.0; 14-NOV-2004 09:30:08; Bright; 39.5; 73; 57Gam1And ; 2.26; 13100;occ; 79; 0;14161
8;-3320.9; 14-NOV-2004 09:31:38; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;14161
9;-3216.5; 14-NOV-2004 09:33:22; Bright; 42.5; 35; 33Alp Per ; 1.79; 6250;occ; 85; 0;14161
10;-3107.7; 14-NOV-2004 09:35:11; Bright; 38.0; 110; 37Del Cas ; 2.68; 8900;occ; 76; 0;14161
11;-2986.5; 14-NOV-2004 09:37:12; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;14161
12;-2799.4; 14-NOV-2004 09:40:19; Bright; 64.5; 42; 34Bet Aur ; 1.90; 10200;occ; 129; 0;14161
13;-2616.4; 14-NOV-2004 09:43:22; Bright; 39.0; 49; 1Alp UMi ; 1.99; 6300;occ; 78; 0;14161
14;-2355.5; 14-NOV-2004 09:47:43; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14161
15;-2245.5; 14-NOV-2004 09:49:33; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;14161
16;-2153.0; 14-NOV-2004 09:51:05; Bright; 43.5; 36; 50Alp UMa ; 1.80; 6300;occ; 87; 0;14161
17;-2054.7; 14-NOV-2004 09:52:44; Bright; 41.0; 82; 48Bet UMa ; 2.37; 10600;occ; 82; 0;14161
18;-1919.0; 14-NOV-2004 09:54:59; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;14161
19;-1813.2; 14-NOV-2004 09:56:45; Bright; 43.5; 174; 52Psi UMa ; 3.00; 4400;occ; 87; 0;14161
20;-1710.1; 14-NOV-2004 09:58:28; Bright; 37.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 74; 0;14161
21;-1432.7; 14-NOV-2004 10:03:06; Bright; 34.0; 3; 16Alp Boo ;-0.05; 4250;occ; 68; 0;14161
22;-1206.2; 14-NOV-2004 10:06:52; Bright; 87.5; 166; 17Eps Leo ; 2.98; 6000;occ; 175; 0;14161
23;-1018.9; 14-NOV-2004 10:10:00; Bright; 36.0; 121; 29Gam Vir ; 2.74; 7200;occ; 72; 0;14161
24; -922.2; 14-NOV-2004 10:11:36; Dark ; 95.0; 22; 32Alp Leo ; 1.36; 15200;occ; 190; 0;14161
25; -755.4; 14-NOV-2004 10:14:23; Dark ; 41.5; 163; 7Del Crv ; 2.94; 11000;occ; 83; 0;14161
26; -627.6; 14-NOV-2004 10:16:31; Dark ; 44.5; 171; 2Eps Crv ; 3.00; 4250;occ; 89; 0;14161
27; -249.7; 14-NOV-2004 10:22:49; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;14161
28; -112.8; 14-NOV-2004 10:25:06; Dark ; 44.5; 26; Gam Cru ; 1.62; 2900;occ; 89; 0;14161
29; -14.8; 14-NOV-2004 10:26:44; Dark ; 45.5; 12; Alp1Cru ; 0.77; 30000;occ; 91; 0;14161
30; 105.3; 14-NOV-2004 10:28:44; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14162
31; 208.8; 14-NOV-2004 10:30:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14162
32; 335.6; 14-NOV-2004 10:32:34; Dark ; 45.0; 41; Eps Car ; 1.86; 4100;occ; 90; 0;14162
33; 438.7; 14-NOV-2004 10:34:17; Dark ; 57.5; 70; Zet Pup ; 2.25; 39000;occ; 115; 0;14162
34; 665.2; 14-NOV-2004 10:38:04; Dark ; 51.0; 2; Alp Car ;-0.74; 7000;occ; 102; 0;14162
35; 780.0; 14-NOV-2004 10:39:58; Dark ; 82.5; 88; 31Eta CMa ; 2.45; 20000;occ; 165; 0;14162
36; 968.5; 14-NOV-2004 10:43:07; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;14162
37; 1068.4; 14-NOV-2004 10:44:47; Dark ; 56.5; 108; Alp Col ; 2.65; 15200;occ; 113; 3;14162
38; 1195.2; 14-NOV-2004 10:46:54; Dark ; 43.0; 157; The1Eri ; 2.91; 9300;occ; 86; 0;14162
39; 1494.4; 14-NOV-2004 10:51:53; Dark ; 193.0; 1; 9Alp CMa ;-1.44; 11000;occ; 386; 0;14162
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2;-4236.8; 14-NOV-2004 10:56:58; Dark ; 92.0; 7; 19Bet Ori ; 0.10; 14000;occ; 184; 0;14162
3;-4061.9; 14-NOV-2004 10:59:52; Dark ; 53.0; 94; 92Alp Cet ; 2.53; 3100;occ; 106; 0;14162
4;-3774.6; 14-NOV-2004 11:04:40; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14162
5;-3633.4; 14-NOV-2004 11:07:01; Bright; 47.0; 146; 25Eta Tau ; 2.87; 15200;occ; 94; 0;14162
6;-3533.1; 14-NOV-2004 11:08:41; Bright; 37.5; 173; 4Bet Tri ; 3.00; 8900;occ; 75; 0;14162
7;-3409.5; 14-NOV-2004 11:10:45; Bright; 38.0; 73; 57Gam1And ; 2.26; 13100;occ; 76; 0;14162
8;-3321.1; 14-NOV-2004 11:12:13; Bright; 43.5; 149; 45Eps Per ; 2.89; 30000;occ; 87; 0;14162
9;-3216.6; 14-NOV-2004 11:13:58; Bright; 43.0; 35; 33Alp Per ; 1.79; 6250;occ; 86; 0;14162
10;-3107.2; 14-NOV-2004 11:15:47; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;14162
11;-2987.8; 14-NOV-2004 11:17:47; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;14162
12;-2800.5; 14-NOV-2004 11:20:54; Bright; 61.0; 42; 34Bet Aur ; 1.90; 10200;occ; 122; 0;14162
13;-2615.8; 14-NOV-2004 11:23:59; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;14162
14;-2355.1; 14-NOV-2004 11:28:19; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14162
15;-2245.0; 14-NOV-2004 11:30:09; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;14162
16;-2153.2; 14-NOV-2004 11:31:41; Bright; 42.5; 36; 50Alp UMa ; 1.80; 6300;occ; 85; 0;14162
17;-2054.7; 14-NOV-2004 11:33:20; Bright; 41.5; 82; 48Bet UMa ; 2.37; 10600;occ; 83; 0;14162
18;-1918.6; 14-NOV-2004 11:35:36; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;14162
19;-1813.1; 14-NOV-2004 11:37:21; Bright; 44.0; 174; 52Psi UMa ; 3.00; 4400;occ; 88; 0;14162
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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
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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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6;-3532.9; 14-NOV-2004 12:49:17; Bright; 37.0; 173; 4Bet Tri ; 3.00; 8900;occ; 74; 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
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22;-1018.9; 14-NOV-2004 13:31:11; Bright; 39.0; 121; 29Gam Vir ; 2.74; 7200;occ; 78; 0;14163
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29; 105.9; 14-NOV-2004 13:49:56; Dark ; 40.5; 124; The Car ; 2.76; 30000;occ; 81; 0;14164
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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
10;-3108.2; 14-NOV-2004 14:36:58; Bright; 37.5; 110; 37Del Cas ; 2.68; 8900;occ; 75; 0;14164
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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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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20;-1709.8; 14-NOV-2004 15:00:16; Bright; 36.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 73; 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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 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
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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
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 5;-4061.8; 14-NOV-2004 16:01:40; Dark ; 49.0; 94; 92Alp Cet ; 2.53; 3100;occ; 98; 0;14165
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 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
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 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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19;-1918.5; 14-NOV-2004 16:37:24; Bright; 35.0; 39; 85Eta UMa ; 1.85; 24000;occ; 70; 0;14165
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24;-1202.5; 14-NOV-2004 16:49:20; Bright; 95.0; 166; 17Eps Leo ; 2.98; 6000;occ; 190; 0;14165
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
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29; -248.9; 14-NOV-2004 17:05:13; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 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
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33; 212.1; 14-NOV-2004 17:12:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14166
34; 338.2; 14-NOV-2004 17:15:00; Dark ; 49.0; 41; Eps Car ; 1.86; 4100;occ; 98; 0;14166
35; 443.9; 14-NOV-2004 17:16:46; Dark ; 57.0; 70; Zet Pup ; 2.25; 39000;occ; 114; 0;14166
36; 667.9; 14-NOV-2004 17:20:30; Dark ; 50.5; 2; Alp Car ;-0.74; 7000;occ; 101; 0;14166
37; 786.5; 14-NOV-2004 17:22:29; Dark ; 84.5; 88; 31Eta CMa ; 2.45; 20000;occ; 169; 0;14166
38; 968.7; 14-NOV-2004 17:25:31; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;14166
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3;-4619.8; 14-NOV-2004 17:32:58; Dark ; 72.5; 139; 9Bet Lep ; 2.83; 5600;occ; 145; 0;14166
4;-4398.1; 14-NOV-2004 17:36:40; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;14166
5;-4238.2; 14-NOV-2004 17:39:20; Dark ; 93.5; 7; 19Bet Ori ; 0.10; 14000;occ; 187; 0;14166
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12;-3219.0; 14-NOV-2004 17:56:19; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;14166
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21;-1814.1; 14-NOV-2004 18:19:44; Bright; 44.5; 174; 52Psi UMa ; 3.00; 4400;occ; 89; 0;14166
22;-1709.6; 14-NOV-2004 18:21:29; Bright; 36.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 72; 0;14166
23;-1432.4; 14-NOV-2004 18:26:06; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;14166
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26;-1018.8; 14-NOV-2004 18:32:59; Bright; 44.0; 121; 29Gam Vir ; 2.74; 7200;occ; 88; 0;14166
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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31; -112.9; 14-NOV-2004 18:48:05; Dark ; 46.5; 26; Gam Cru ; 1.62; 2900;occ; 93; 0;14166
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33; 106.4; 14-NOV-2004 18:51:45; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14167
34; 212.9; 14-NOV-2004 18:53:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14167
35; 339.2; 14-NOV-2004 18:55:37; Dark ; 55.0; 41; Eps Car ; 1.86; 4100;occ; 110; 0;14167
36; 444.4; 14-NOV-2004 18:57:23; Dark ; 59.0; 70; Zet Pup ; 2.25; 39000;occ; 118; 0;14167
37; 668.5; 14-NOV-2004 19:01:07; Dark ; 51.0; 2; Alp Car ;-0.74; 7000;occ; 102; 0;14167
38; 787.8; 14-NOV-2004 19:03:06; Dark ; 83.0; 88; 31Eta CMa ; 2.45; 20000;occ; 166; 0;14167
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23;-1814.5; 14-NOV-2004 20:00:20; Bright; 43.5; 174; 52Psi UMa ; 3.00; 4400;occ; 87; 0;14167
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27;-1200.9; 14-NOV-2004 20:10:33; Bright; 94.5; 166; 17Eps Leo ; 2.98; 6000;occ; 189; 0;14167
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31;-626.2; 14-NOV-2004 20:20:08; Dark ; 48.5; 171; 2Eps Crv ; 3.00; 4250;occ; 97; 0;14167
32;-249.1; 14-NOV-2004 20:26:25; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;14167
33;-111.7; 14-NOV-2004 20:28:42; Dark ; 51.5; 26; Gam Cru ; 1.62; 2900;occ; 103; 0;14167
34;-14.1; 14-NOV-2004 20:30:20; Dark ; 46.0; 12; Alp1Cru ; 0.77; 30000;occ; 92; 0;14167
35; 106.7; 14-NOV-2004 20:32:21; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14168
36; 213.7; 14-NOV-2004 20:34:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14168
37; 339.4; 14-NOV-2004 20:36:14; Dark ; 47.0; 41; Eps Car ; 1.86; 4100;occ; 94; 0;14168
38; 445.6; 14-NOV-2004 20:38:00; Dark ; 58.0; 70; Zet Pup ; 2.25; 39000;occ; 116; 0;14168
39; 669.2; 14-NOV-2004 20:41:43; Dark ; 54.5; 2; Alp Car ; -0.74; 7000;occ; 109; 0;14168
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5;-1813.8; 15-NOV-2004 02:42:44; Bright; 49.0; 174; 52Psi UMa ; 3.00; 4400;occ; 98; 0;14171
6;-1708.3; 15-NOV-2004 02:44:29; Bright; 36.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 73; 0;14171
7;-1430.8; 15-NOV-2004 02:49:07; Bright; 34.0; 3; 16Alp Boo ; -0.05; 4250;occ; 68; 0;14171
8;-1196.5; 15-NOV-2004 02:53:01; Bright; 91.0; 166; 17Eps Leo ; 2.98; 6000;occ; 182; 2;14171
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11;-622.5; 15-NOV-2004 03:02:35; Dark ; 42.5; 171; 2Eps Crv ; 3.00; 4250;occ; 85; 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
25; 1795.7; 15-NOV-2004 03:42:54; Dark ; 86.5; 7; 19Bet Ori ; 0.10; 14000;occ; 173; 2;14172
26; 1974.5; 15-NOV-2004 03:45:52; Dark ; 48.0; 94; 92Alp Cet ; 2.53; 3100;occ; 96; 1;14172
27; 2263.0; 15-NOV-2004 03:50:41; Bright; 37.0; 105; 6Bet Ari ; 2.64; 8900;occ; 74; 0;14172
28; 2398.3; 15-NOV-2004 03:52:56; Bright; 44.5; 146; 25Eta Tau ; 2.87; 15200;occ; 89; 0;14172

29; 2502.8; 15-NOV-2004 03:54:41; Bright; 36.5; 173; 4Bet Tri ; 3.00; 8900;occ; 73; 1;14172
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 31; 2929.4; 15-NOV-2004 04:01:47; Bright; 36.0; 110; 37Del Cas ; 2.68; 8900;occ; 72; 0;14172
 32; 3037.5; 15-NOV-2004 04:03:35; Bright; 60.0; 6; 13Alp Aur ; 0.08; 3400;occ; 120; 0;14172
 33; 3221.1; 15-NOV-2004 04:06:39; Bright; 60.0; 42; 34Bet Aur ; 1.90; 10200;occ; 120; 0;14172
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 11; -622.4; 15-NOV-2004 04:43:11; Dark ; 45.5; 171; 2Eps Crv ; 3.00; 4250;occ; 91; 1;14172
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 26; 1809.8; 15-NOV-2004 05:23:44; Dark ; 96.5; 7; 19Bet Ori ; 0.10; 14000;occ; 193; 29;14173
 27; 1973.9; 15-NOV-2004 05:26:28; Dark ; 50.5; 94; 92Alp Cet ; 2.53; 3100;occ; 101; 0;14173
 28; 2262.6; 15-NOV-2004 05:31:16; Bright; 37.5; 105; 6Bet Ari ; 2.64; 8900;occ; 75; 0;14173
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18;-1574.9; 18-NOV-2004 07:54:16; Bright; 34.5; 83; ; 2.38; 11000;occ; 69; 0;14217
19;-1424.5; 18-NOV-2004 07:56:46; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;14217
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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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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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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
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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
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32; 861.3; 18-NOV-2004 10:15:28; Dark ; 81.0; 88; 31Eta CMa ; 2.45; 20000;occ; 162; 0;14219
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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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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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27; 127.7; 18-NOV-2004 11:43:50; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 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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16; 2264.6; 19-NOV-2004 01:44:15; Bright; 41.0; 105; 6Bet Ari ; 2.64; 8900;occ; 82; 0;14228
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6;-3422.9; 24-NOV-2004 10:56:10; Bright; 38.0; 79; 26Bet Per ; 2.31; 13100;occ; 76; 0;14305
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22; 1259.2; 29-NOV-2004 07:55:31; Dark ; 79.0; 179; 240mi2CMA ; 3.03; 24000;occ; 158; 0;14375
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13;-2337.7; 29-NOV-2004 08:36:10; Bright; 43.0; 60; 7Bet UMi ; 2.08; 3950;occ; 86; 0;14375

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 18;-1547.0; 29-NOV-2004 08:49:21; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;14375
 19;-1396.1; 29-NOV-2004 08:51:52; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;14375
 20;-1190.0; 29-NOV-2004 08:55:18; Bright; 67.0; 96; 68Del Leo ; 2.56; 9300;occ; 134; 0;14375
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 22; -498.1; 29-NOV-2004 09:06:50; Dark ; 51.5; 171; 2Eps Crv ; 3.00; 4250;occ; 103; 0;14375
 23; -177.3; 29-NOV-2004 09:12:10; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;14375
 24; -77.6; 29-NOV-2004 09:13:50; Dark ; 49.5; 10; Bet Cen ; 0.61; 28000;occ; 99; 0;14375
 25; 33.9; 29-NOV-2004 09:15:42; Dark ; 41.0; 12; Alp1Cru ; 0.77; 30000;occ; 82; 0;14376
 26; 288.3; 29-NOV-2004 09:19:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14376
 27; 471.9; 29-NOV-2004 09:23:00; Dark ; 52.5; 41; Eps Car ; 1.86; 4100;occ; 105; 0;14376
 28; 585.5; 29-NOV-2004 09:24:53; Dark ; 51.0; 34; Gam2Vel ; 1.79; 23000;occ; 102; 0;14376
 29; 794.9; 29-NOV-2004 09:28:23; Dark ; 50.5; 2; Alp Car ;-0.74; 7000;occ; 101; 0;14376
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 31; 1129.2; 29-NOV-2004 09:33:57; Dark ; 77.0; 23; 21Eps CMa ; 1.50; 26000;occ; 154; 0;14376
 32; 1261.7; 29-NOV-2004 09:36:09; Dark ; 74.5; 179; 240mi2CMa ; 3.03; 24000;occ; 149; 0;14376
 33; 1526.6; 29-NOV-2004 09:40:34; Dark ; 103.5; 1; 9Alp CMa ;-1.44; 11000;occ; 207; 0;14376
 34; 1751.6; 29-NOV-2004 09:44:19; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;14376

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 12;-2337.0; 29-NOV-2004 10:16:46; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;14376
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 28; 587.4; 29-NOV-2004 11:05:31; Dark ; 50.0; 34; Gam2Vel ; 1.79; 23000;occ; 100; 0;14377
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 31; 1131.6; 29-NOV-2004 11:14:35; Dark ; 74.0; 23; 21Eps CMa ; 1.50; 26000;occ; 148; 0;14377
 32; 1262.3; 29-NOV-2004 11:16:46; Dark ; 76.0; 179; 240mi2CMa ; 3.03; 24000;occ; 152; 0;14377
 33; 1526.4; 29-NOV-2004 11:21:10; Dark ; 96.0; 1; 9Alp CMa ;-1.44; 11000;occ; 192; 0;14377

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23; -497.1; 29-NOV-2004 12:28:02; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;14377
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32; 1130.7; 29-NOV-2004 12:55:10; Dark ; 71.5; 23; 21Eps CMa ; 1.50; 26000;occ; 143; 0;14378
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8; 2234.9; 29-NOV-2004 19:55:58; Bright; 56.0; 13; 87Alp Tau ; 0.87; 3800;occ; 112; 0;14382
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13; 2817.2; 29-NOV-2004 20:05:40; Bright; 37.5; 160; 23Gam Per ; 2.93; 4700;occ; 75; 0;14382
14; 2953.6; 29-NOV-2004 20:07:57; Bright; 39.5; 110; 37Del Cas ; 2.68; 8900;occ; 79; 0;14382
15; 3420.0; 29-NOV-2004 20:15:43; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;14382
16; 3699.4; 29-NOV-2004 20:20:23; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;14382
17; 3823.8; 29-NOV-2004 20:22:27; Bright; 47.0; 36; 50Alp UMA ; 1.80; 6300;occ; 94; 0;14382
18; 3917.7; 29-NOV-2004 20:24:01; Bright; 51.5; 82; 48Bet UMA ; 2.37; 10600;occ; 103; 0;14382

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22; 4490.3; 29-NOV-2004 20:33:34; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;14382
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