

GOMOS Daily Report 07-NOV-2004

Level 0 and Level 1 products

SUMMARY

[1. General Info](#)

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

[2.1 Level 0 products arrived in PCF during actual month \(see template here\)](#)

[2.2 Level 1 products arrived in PCF during reporting period](#)

[3. Plot of Spectrometers and Photometers temperatures](#)

[4. Dark Charge monitoring](#)

[4.1 Products that did not use the Dark Sky Area observation for DC computation](#)

[4.2 Plot of Dark Charge](#)

[5. Demodulation correction and quality product information monitoring](#)

[5.1 Percentage of products with some flags set](#)

[5.2 Plot of quality information per product \(time dependant\)](#)

[5.3 Plot of quality information per product \(world map\)](#)

[6. Star tangent altitude lost](#)

[6.1 Statistics on star tangent altitude lost](#)

[6.2 Plot of star tangent altitude lost: DARK products](#)

[6.3 Plot of star tangent altitude lost: BRIGHT products](#)

[6.3 Plot of star tangent altitude lost: TWILIGHT products](#)

[7. Statistics on SATU Noise Equivalent Angle](#)

[Level 2 products](#)

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	08NOV2004 05:03:24
Data source version	GOMOS/4.02
Start time of products	QDS_YESTERDAY(/START) (07NOV2004 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP) (08NOV2004 00:00:00)

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

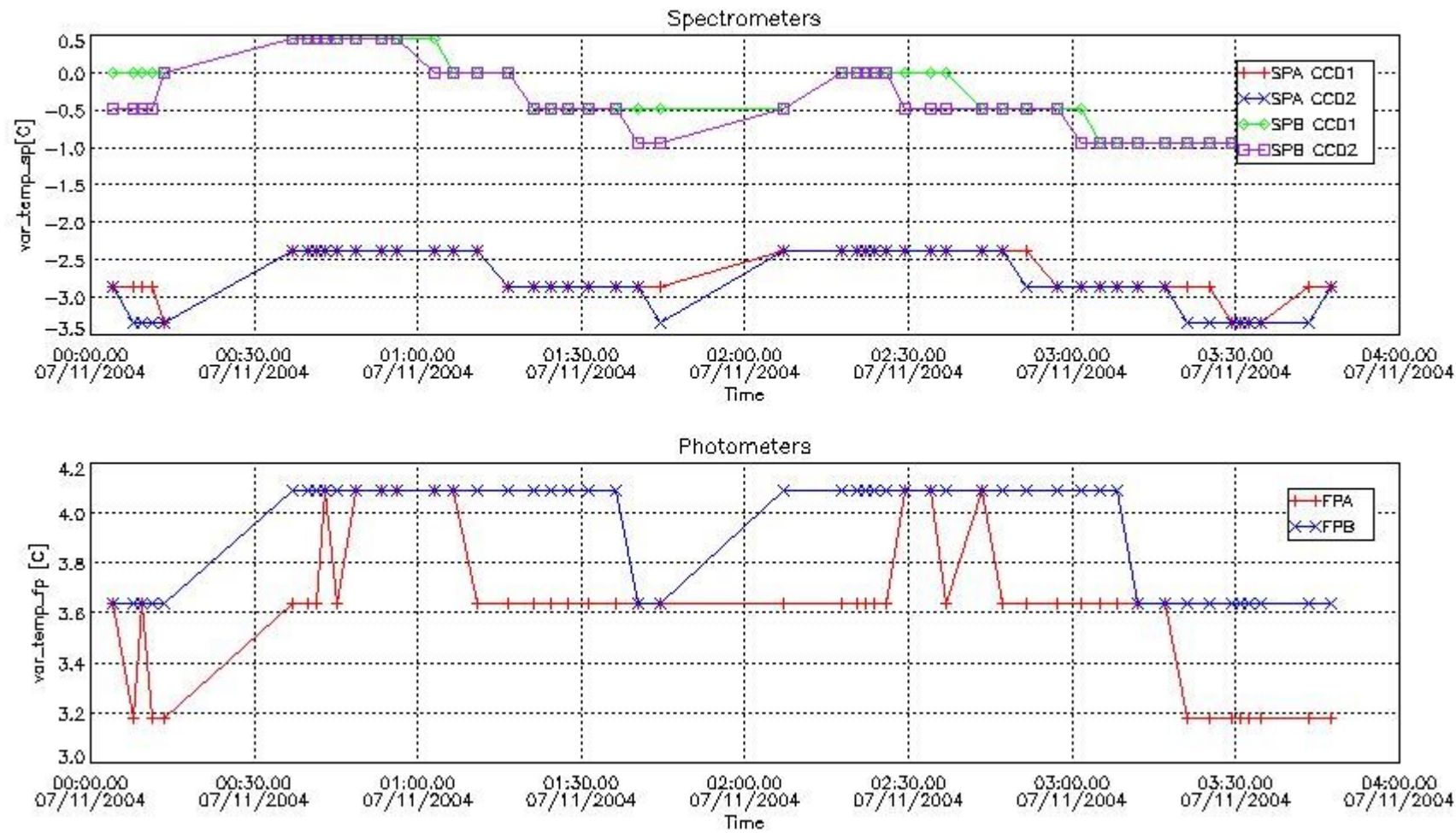
2. Summary of products arrived in PCF (Product Control Facility)

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_1PNPDE20041107_000359_000000422031_00474_14055_0018.N1	07-NOV-2004 00:03:59	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	14055	No
GOM_TRA_1PNPDE20041107_000755_000000442031_00474_14055_0019.N1	07-NOV-2004 00:07:55	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	14055	No
GOM_TRA_1PNPDE20041107_000933_000000402031_00474_14055_0020.N1	07-NOV-2004 00:09:33	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	14055	No
GOM_TRA_1PNPDE20041107_001116_000000522031_00474_14055_0021.N1	07-NOV-2004 00:11:16	Bright	52.000	39	85Eta UMa	1.8540	24000.	104	14055	No
GOM_TRA_1PNPDE20041107_001323_000000412031_00474_14055_0022.N1	07-NOV-2004 00:13:23	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	14055	No
GOM_TRA_1PNPDE20041107_003659_000000982031_00474_14055_0000.N1	07-NOV-2004 00:36:59	Dark	98.000	48	30Alp Hya	1.9770	4100.0	196	14055	No
GOM_TRA_1PNPDE20041107_003952_000000402031_00474_14055_0001.N1	07-NOV-2004 00:39:52	Dark	39.500	99	Del Cen	2.5750	26000.	79	14055	No
GOM_TRA_1PNPDE20041107_004122_000000392031_00474_14055_0002.N1	07-NOV-2004 00:41:22	Dark	38.500	26	Gam Cru	1.6240	2900.0	77	14055	No
GOM_TRA_1PNPDE20041107_004302_000000412031_00474_14055_0003.N1	07-NOV-2004 00:43:02	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	14055	No
GOM_TRA_1PNPDE20041107_004517_000000432031_00475_14056_0004.N1	07-NOV-2004 00:45:17	Dark	43.000	91	Kap Vel	2.4900	26000.	86	14056	No
GOM_TRA_1PNPDE20041107_004838_000000582031_00475_14056_0005.N1	07-NOV-2004 00:48:38	Dark	57.500	70	Zet Pup	2.2460	39000.	115	14056	No
GOM_TRA_1PNPDE20041107_005322_000000562031_00475_14056_0006.N1	07-NOV-2004 00:53:22	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	14056	No
GOM_TRA_1PNPDE20041107_005617_000001082031_00475_14056_0007.N1	07-NOV-2004 00:56:17	Dark	107.50	37	25Del CMa	1.8300	5900.0	215	14056	No
GOM_TRA_1PNPDE20041107_010259_000000412031_00475_14056_0008.N1	07-NOV-2004 01:02:59	Dark	40.500	157	The1Eri	2.9060	9300.0	81	14056	No
GOM_TRA_1PNPDE20041107_010626_000000892031_00475_14056_0009.N1	07-NOV-2004 01:06:26	Twilight	88.500	139	9Bet Lep	2.8330	5600.0	177	14056	No
GOM_TRA_1PNPDE20041107_011051_000000462031_00475_14056_0010.N1	07-NOV-2004 01:10:51	Bright	45.500	52	16Bet Cet	2.0370	4500.0	91	14056	No
GOM_TRA_1PNPDE20041107_011638_000000542031_00475_14056_0011.N1	07-NOV-2004 01:16:38	Bright	53.500	94	92Alp Cet	2.5260	3100.0	107	14056	No
GOM_TRA_1PNPDE20041107_012112_000000412031_00475_14056_0012.N1	07-NOV-2004 01:21:12	Bright	41.000	105	6Bet Ari	2.6450	8900.0	82	14056	No
GOM_TRA_1PNPDE20041107_012420_000000392031_00475_14056_0013.N1	07-NOV-2004 01:24:20	Bright	38.500	58	21Alp And	2.0730	11000.	77	14056	No
GOM_TRA_1PNPDE20041107_012727_000000422031_00475_14056_0014.N1	07-NOV-2004 01:27:27	Bright	42.000	73	57Gam1And	2.2600	13100.	84	14056	No
GOM_TRA_1PNPDE20041107_013121_000000402031_00475_14056_0015.N1	07-NOV-2004 01:31:21	Bright	40.000	68	18Alp Cas	2.2250	4500.0	80	14056	No
GOM_TRA_1PNPDE20041107_013624_000000652031_00475_14056_0016.N1	07-NOV-2004 01:36:24	Bright	65.000	6	13Alp Aur	0.080000	3400.0	130	14056	No
GOM_TRA_1PNPDE20041107_014031_000000392031_00475_14056_0017.N1	07-NOV-2004 01:40:31	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	14056	No
GOM_TRA_1PNPDE20041107_014437_000000402031_00475_14056_0018.N1	07-NOV-2004 01:44:37	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	14056	No
GOM_TRA_1PNPDE20041107_020654_000000702031_00475_14056_0000.N1	07-NOV-2004 02:06:54	Twilight	70.000	22	32Alp Leo	1.3600	15200.	140	14056	Yes
GOM_TRA_1PNPDE20041107_021737_000000952031_00475_14056_0001.N1	07-NOV-2004 02:17:37	Dark	95.000	48	30Alp Hya	1.9770	4100.0	190	14056	No
GOM_TRA_1PNPDE20041107_022028_000000392031_00475_14056_0002.N1	07-NOV-2004 02:20:28	Dark	39.000	99	Del Cen	2.5750	26000.	78	14056	No
GOM_TRA_1PNPDE20041107_022158_000000482031_00475_14056_0003.N1	07-NOV-2004 02:21:58	Dark	47.500	26	Gam Cru	1.6240	2900.0	95	14056	No
GOM_TRA_1PNPDE20041107_022338_000000392031_00475_14056_0004.N1	07-NOV-2004 02:23:38	Dark	38.500	12	Alp1Cru	0.77500	30000.	77	14056	No
GOM_TRA_1PNPDE20041107_022554_000000422031_00476_14057_0005.N1	07-NOV-2004 02:25:54	Dark	41.500	91	Kap Vel	2.4900	26000.	83	14057	No
GOM_TRA_1PNPDE20041107_022915_000000582031_00476_14057_0006.N1	07-NOV-2004 02:29:15	Dark	57.500	70	Zet Pup	2.2460	39000.	115	14057	No
GOM_TRA_1PNPDE20041107_023358_000000552031_00476_14057_0007.N1	07-NOV-2004 02:33:58	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	14057	No
GOM_TRA_1PNPDE20041107_023656_000000962031_00476_14057_0008.N1	07-NOV-2004 02:36:56	Dark	95.500	37	25Del CMa	1.8300	5900.0	191	14057	No
GOM_TRA_1PNPDE20041107_024335_000000402031_00476_14057_0009.N1	07-NOV-2004 02:43:35	Dark	40.000	157	The1Eri	2.9060	9300.0	80	14057	No
GOM_TRA_1PNPDE20041107_024703_000000822031_00476_14057_0010.N1	07-NOV-2004 02:47:03	Twilight	81.500	139	9Bet Lep	2.8330	5600.0	163	14057	No
GOM_TRA_1PNPDE20041107_025127_000000442031_00476_14057_0011.N1	07-NOV-2004 02:51:27	Bright	44.000	52	16Bet Cet	2.0370	4500.0	88	14057	No
GOM_TRA_1PNPDE20041107_025714_000000592031_00476_14057_0012.N1	07-NOV-2004 02:57:14	Bright	59.000	94	92Alp Cet	2.5260	3100.0	118	14057	No
GOM_TRA_1PNPDE20041107_030146_000000422031_00476_14057_0013.N1	07-NOV-2004 03:01:46	Bright	42.000	105	6Bet Ari	2.6450	8900.0	84	14057	No
GOM_TRA_1PNPDE20041107_030457_000000372031_00476_14057_0014.N1	07-NOV-2004 03:04:57	Bright	37.000	58	21Alp And	2.0730	11000.	74	14057	No
GOM_TRA_1PNPDE20041107_030805_000000422031_00476_14057_0015.N1	07-NOV-2004 03:08:05	Bright	41.500	73	57Gam1And	2.2600	13100.	83	14057	No
GOM_TRA_1PNPDE20041107_031158_000000362031_00476_14057_0016.N1	07-NOV-2004 03:11:58	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	14057	No
GOM_TRA_1PNPDE20041107_031659_000000672031_00476_14057_0017.N1	07-NOV-2004 03:16:59	Bright	66.500	6	13Alp Aur	0.080000	3400.0	133	14057	No
GOM_TRA_1PNPDE20041107_032107_000000392031_00476_14057_0018.N1	07-NOV-2004 03:21:07	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	14057	No
GOM_TRA_1PNPDE20041107_032513_000000402031_00476_14057_0000.N1	07-NOV-2004 03:25:13	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	14057	No
GOM_TRA_1PNPDE20041107_032906_000000432031_00476_14057_0001.N1	07-NOV-2004 03:29:06	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	14057	No
GOM_TRA_1PNPDE20041107_033044_000000402031_00476_14057_0002.N1	07-NOV-2004 03:30:44	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	14057	No
GOM_TRA_1PNPDE20041107_033228_000000362031_00476_14057_0003.N1	07-NOV-2004 03:32:28	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	14057	No
GOM_TRA_1PNPDE20041107_033435_000000412031_00476_14057_0004.N1	07-NOV-2004 03:34:35	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	14057	No
GOM_TRA_1PNPDE20041107_034321_000000692031_00476_14057_0005.N1	07-NOV-2004 03:43:21	Bright	68.500	166	17Eps Leo	2.9800	6000.0	137	14057	No

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



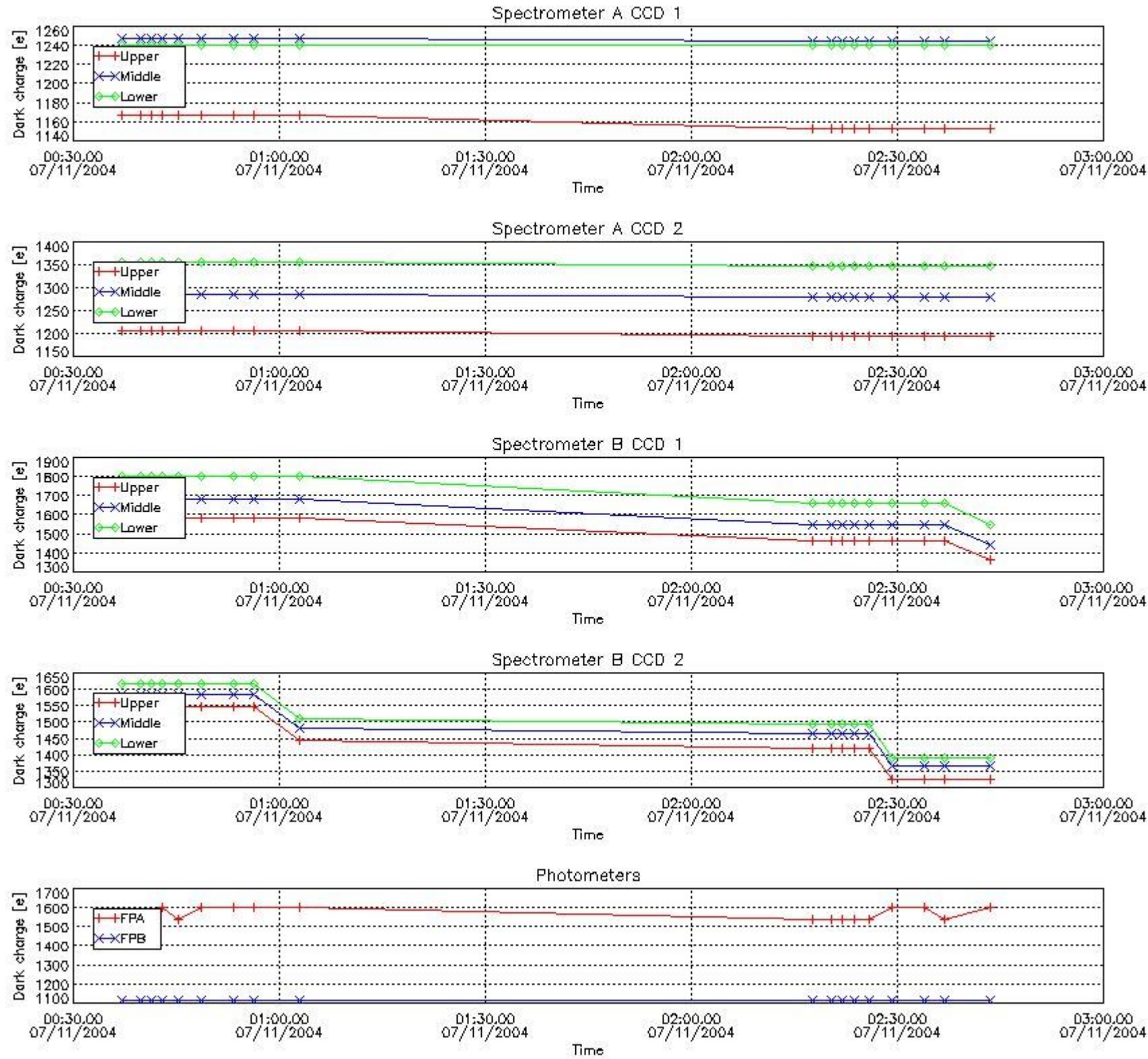
4. Overview of dark signal processing per product

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

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

4.1 All products used the DSA observation for the DC computation

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



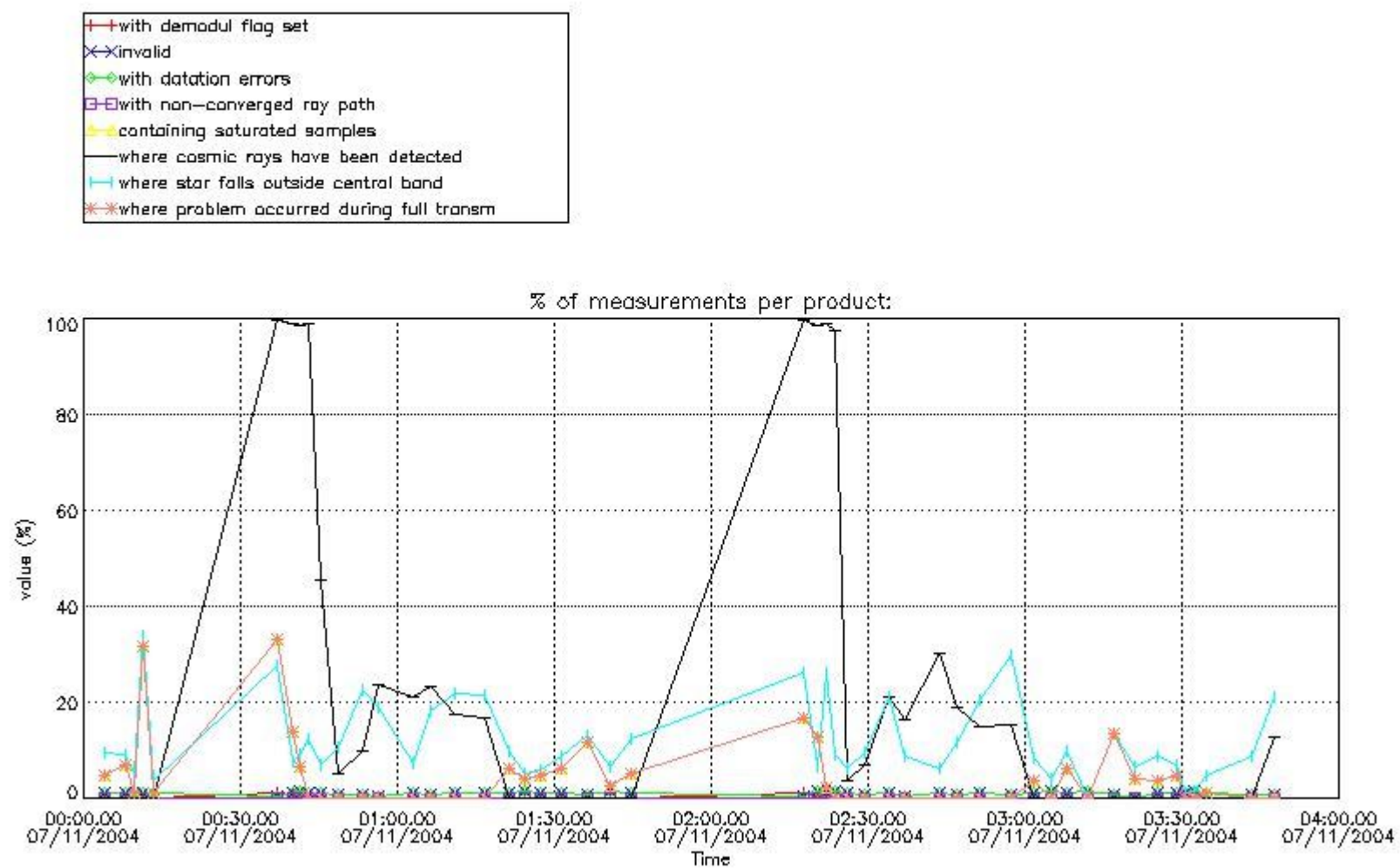
5. Demodulation flag and quality information monitoring

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

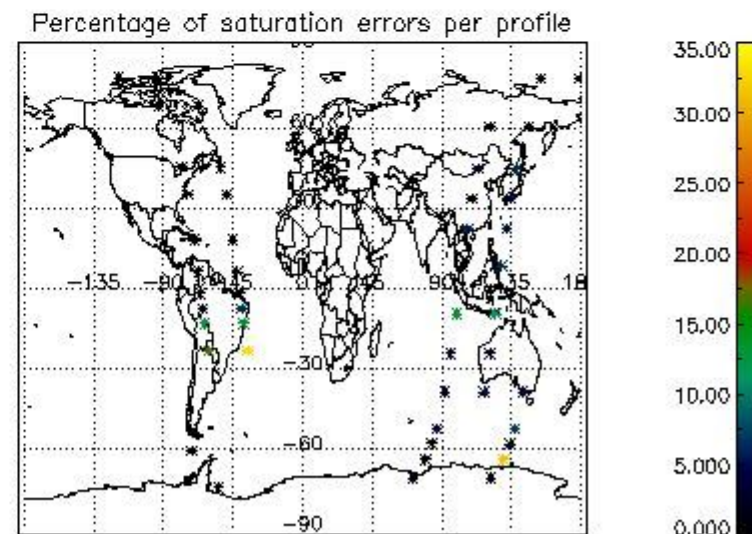
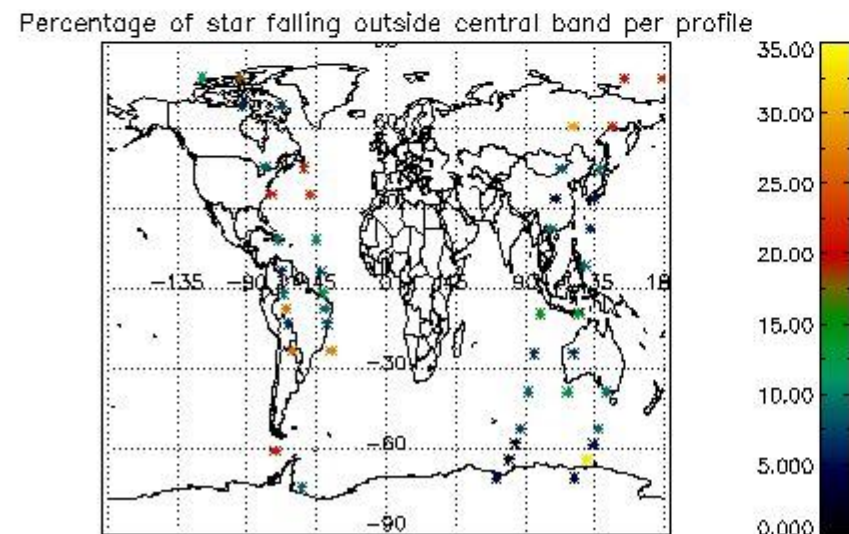
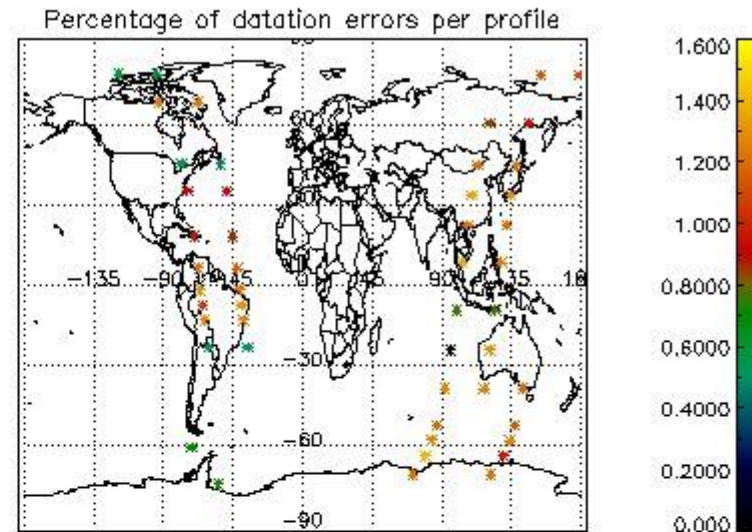
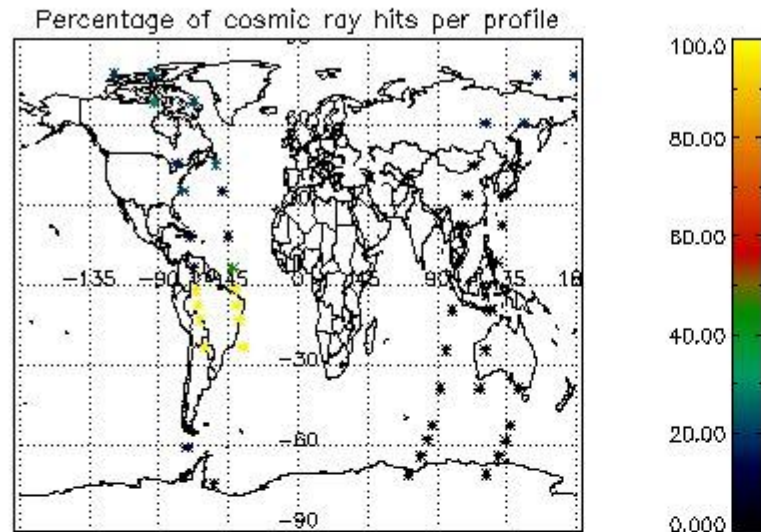
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	16.3265 %
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)



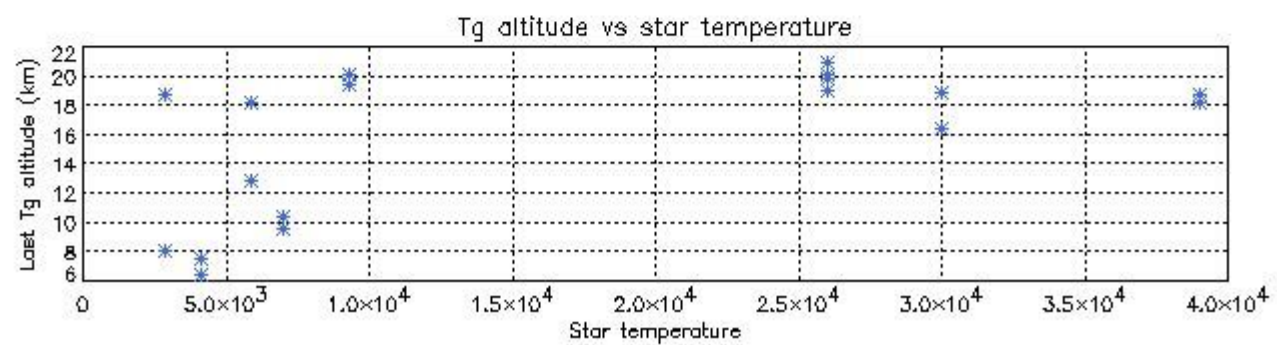
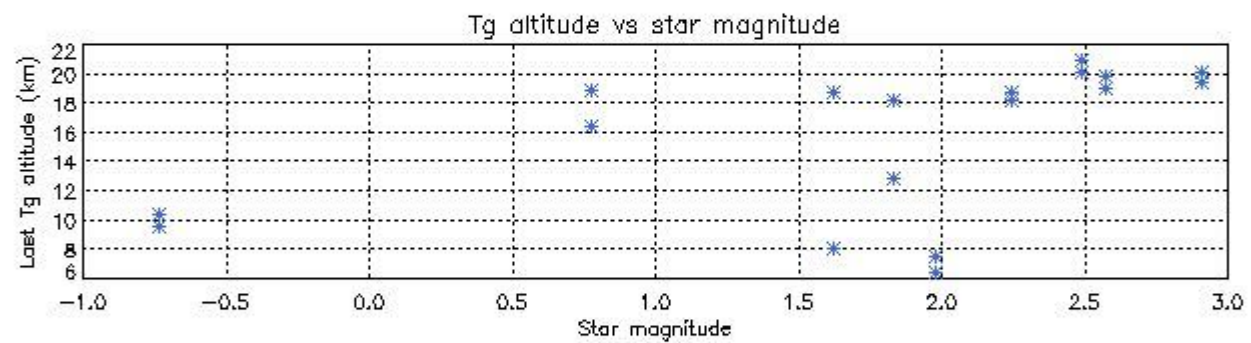
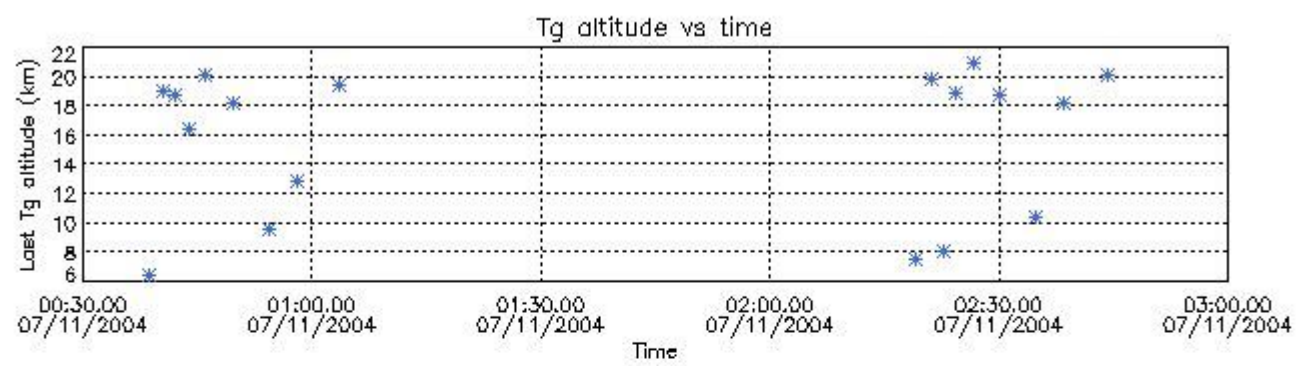
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.717	18.308	13.326
St. deviation:	5.0478	5.2138	2.4470
Maximum:	20.853	25.514	16.042
Minimum:	6.3981	4.7323	11.293
Number of data:	18.000	28.000	3.0000

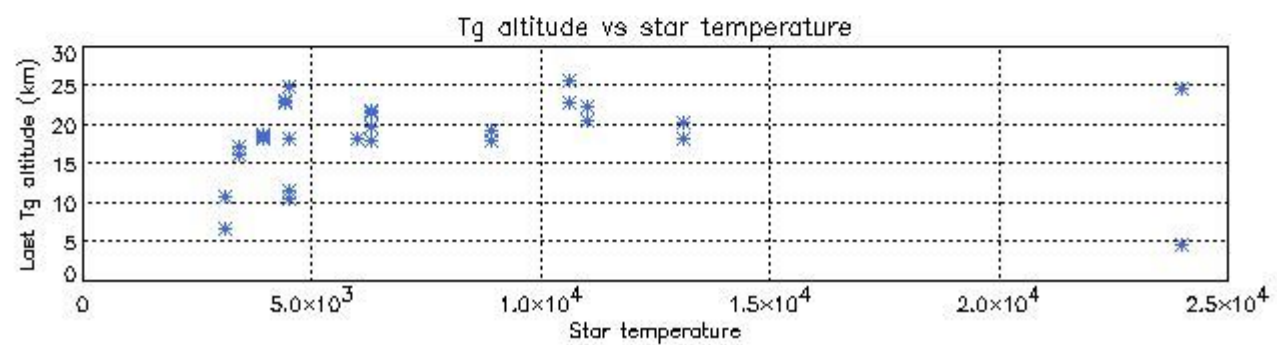
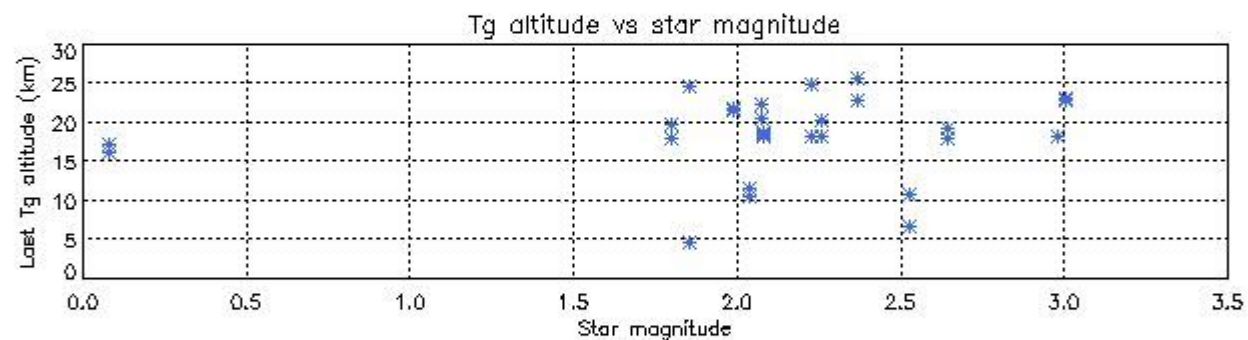
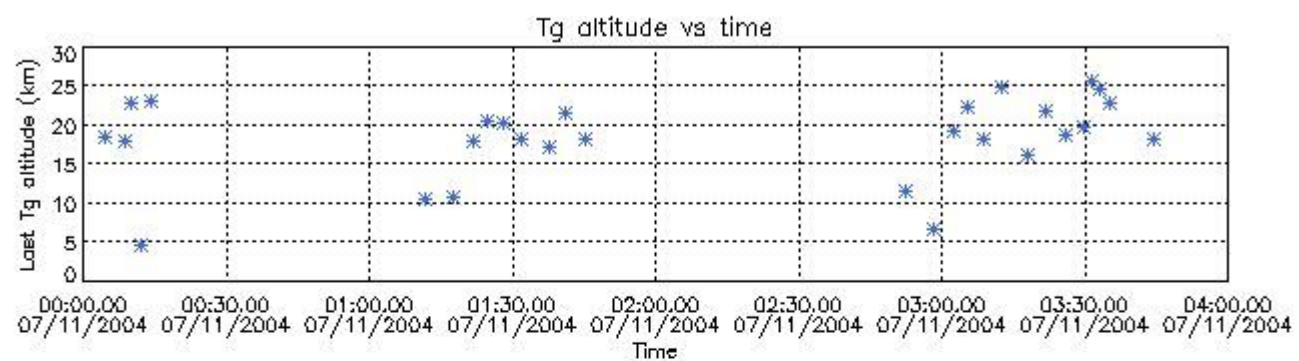
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



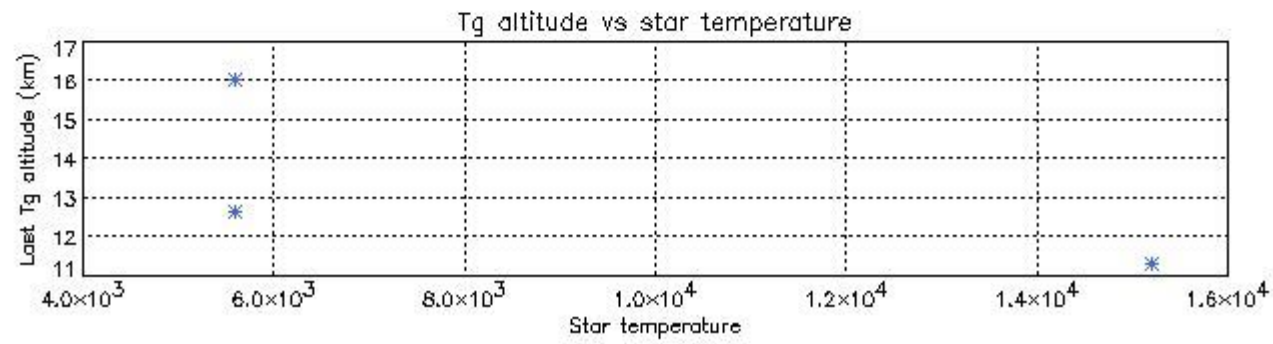
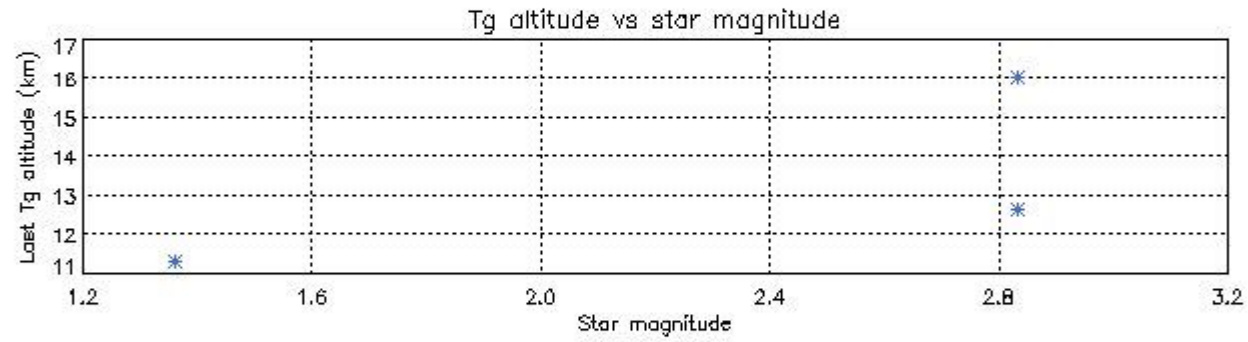
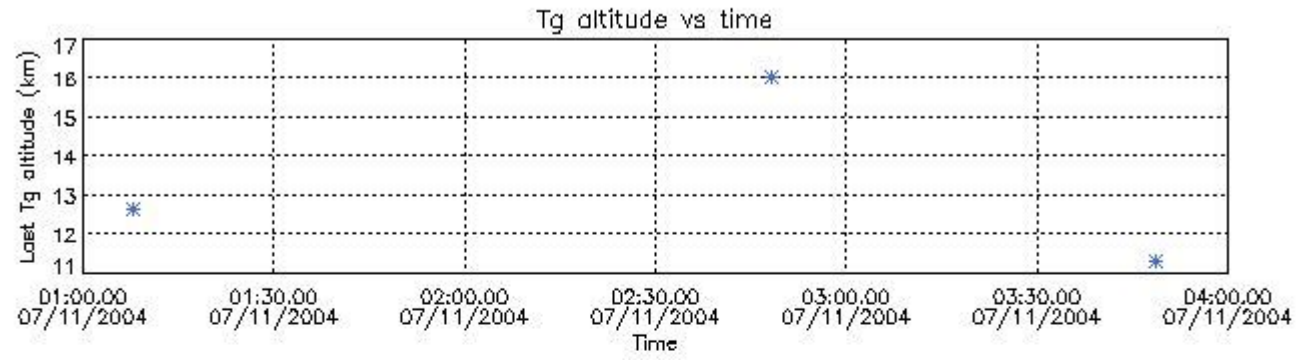
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

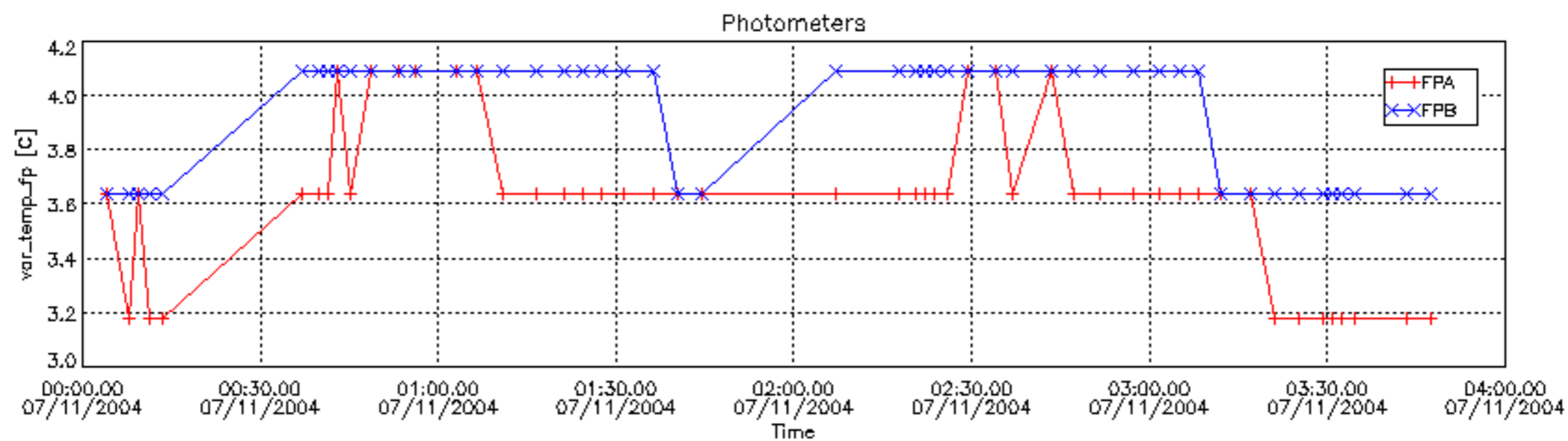
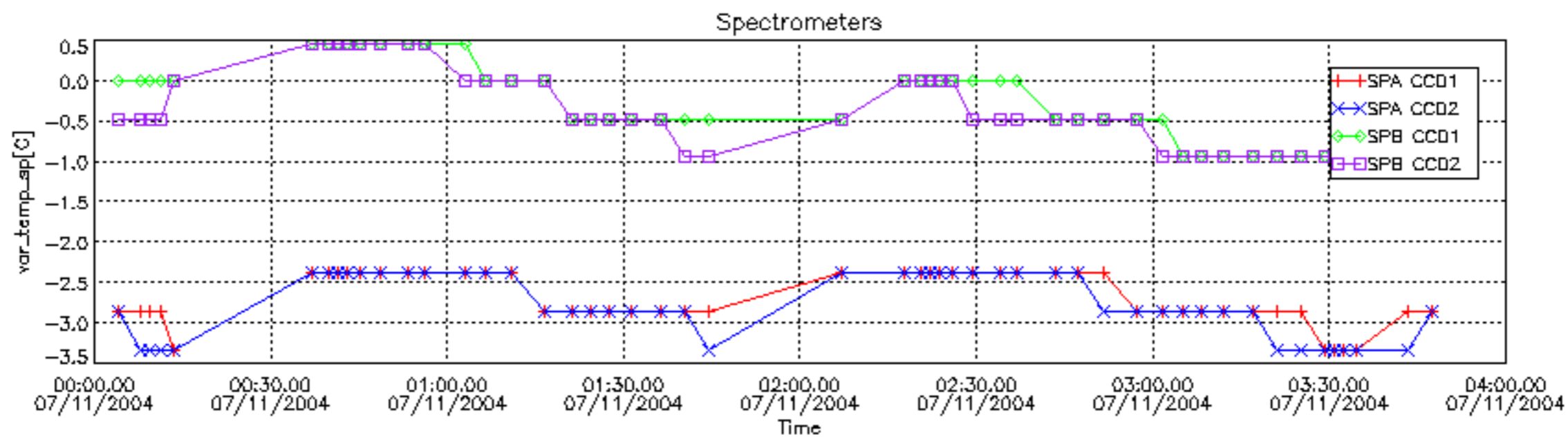
Tangent altitude at which the star is lost

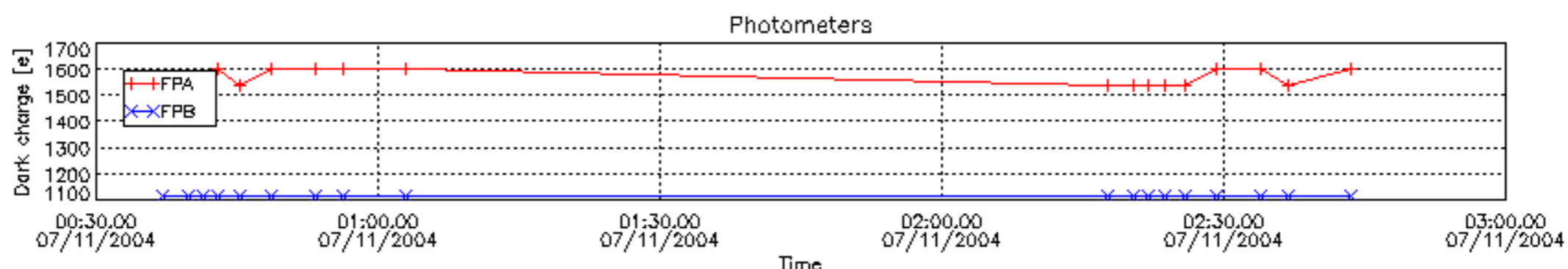
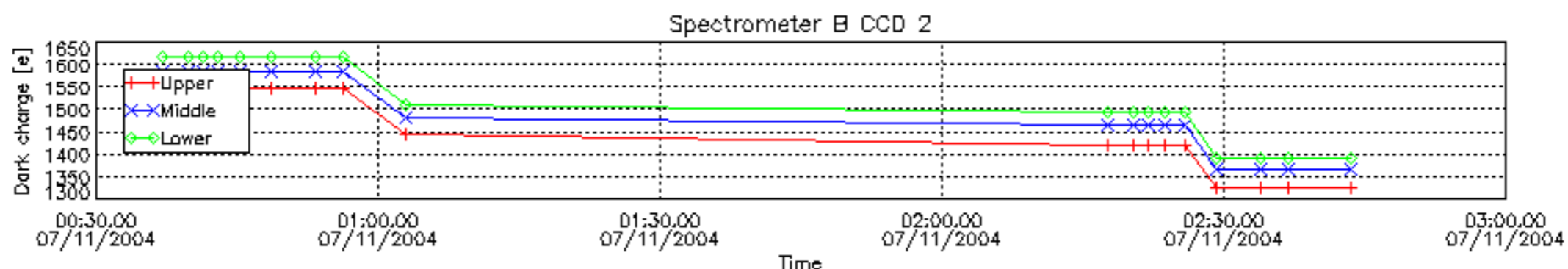
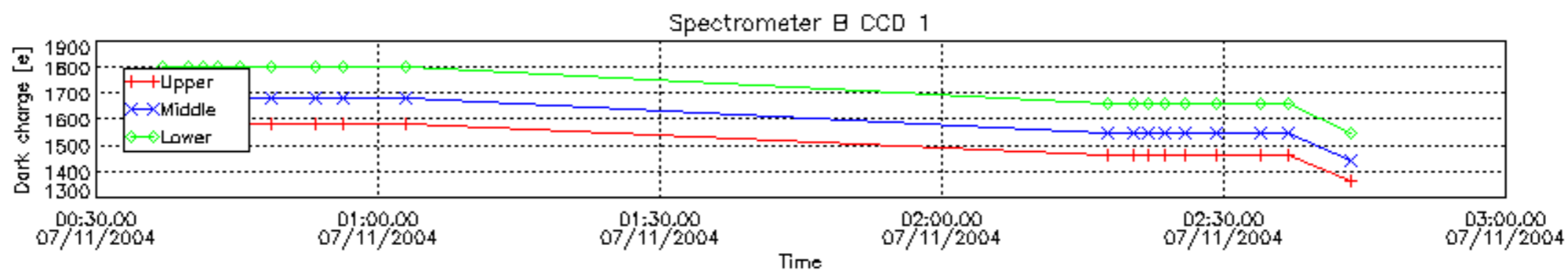
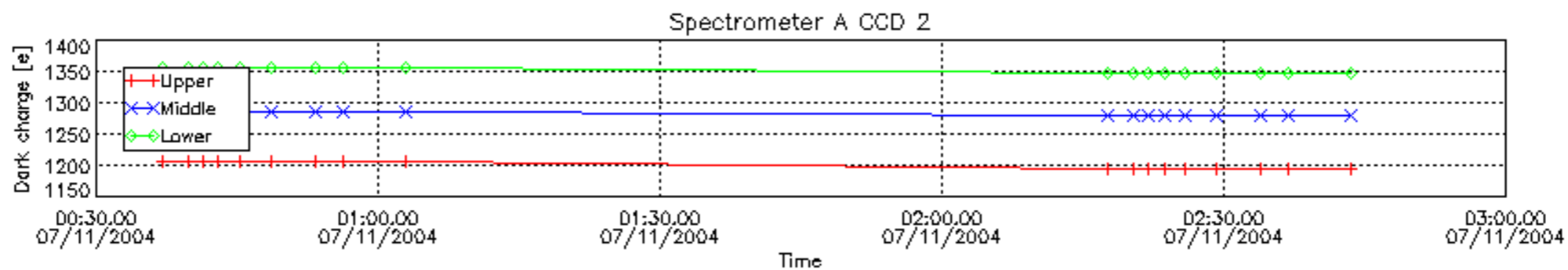
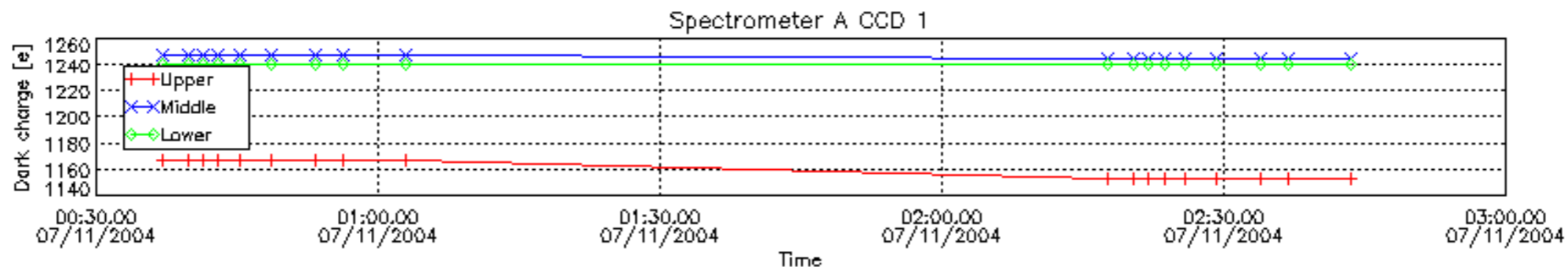


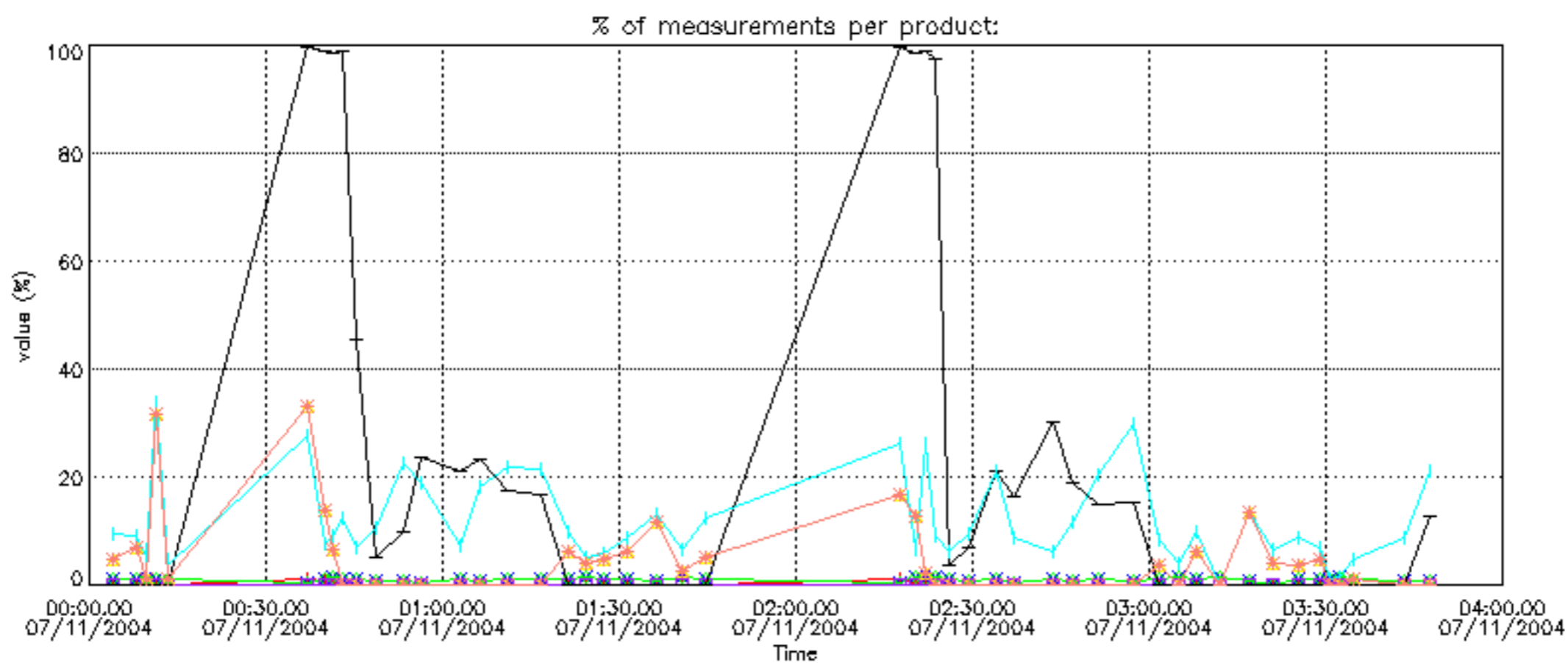
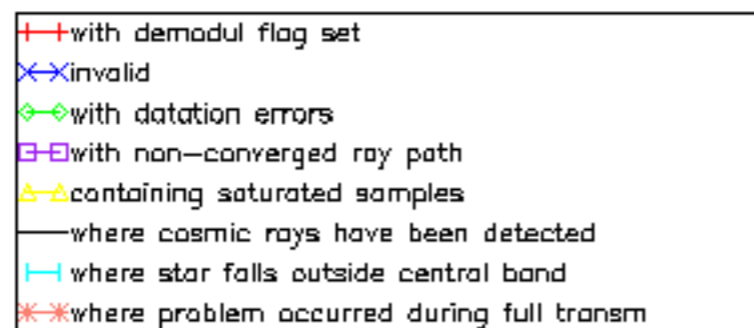
7. Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

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

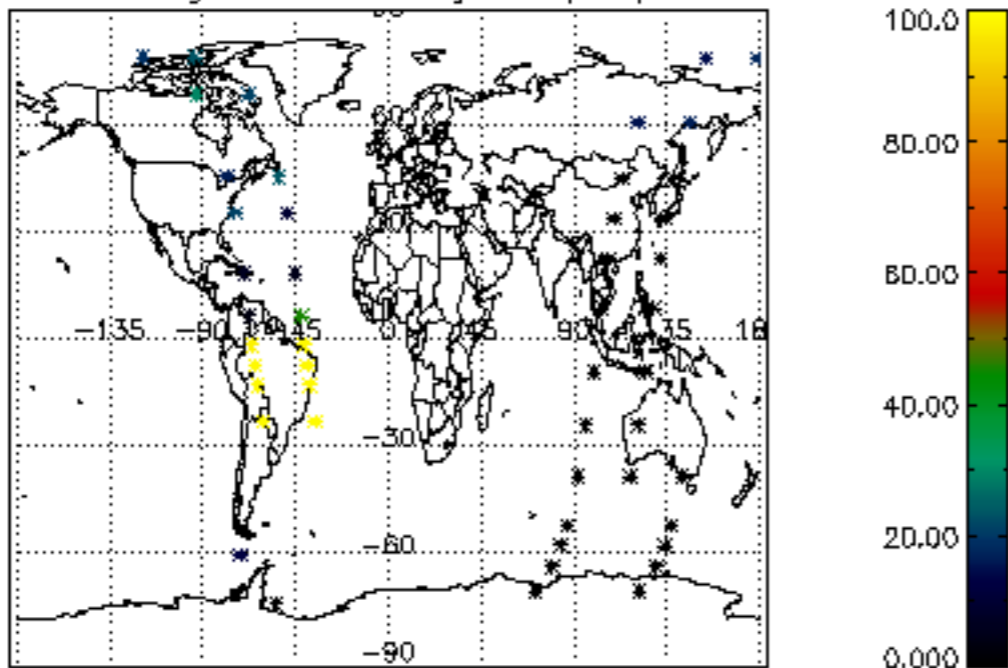
Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	1461.5	1448.1	1461.0	1447.1
St. deviation:	5.2965	6.1828	5.4417	6.6002
Maximum:	1522.0	1607.0	1496.0	1496.0
Minimum:	1427.0	1416.0	1439.0	1414.0
Number of data:	25750.	25750.	32450.	32450.



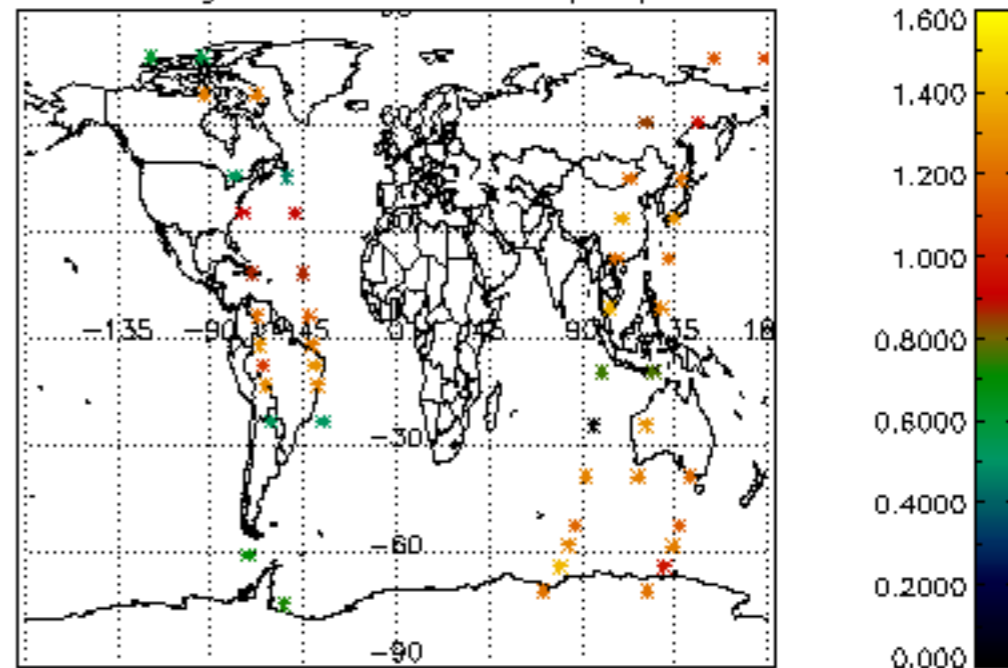




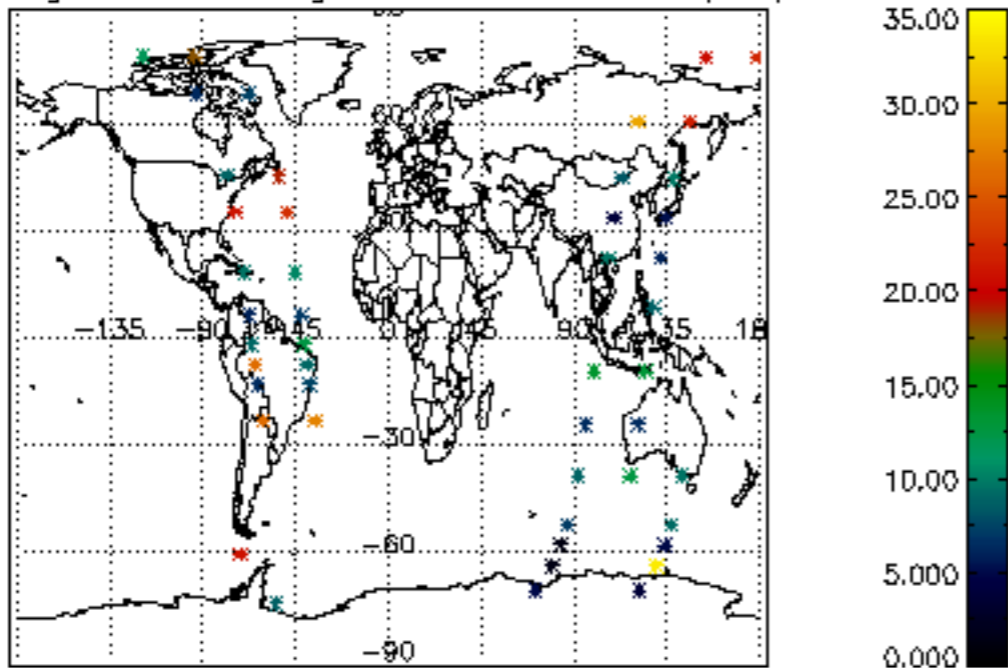
Percentage of cosmic ray hits per profile



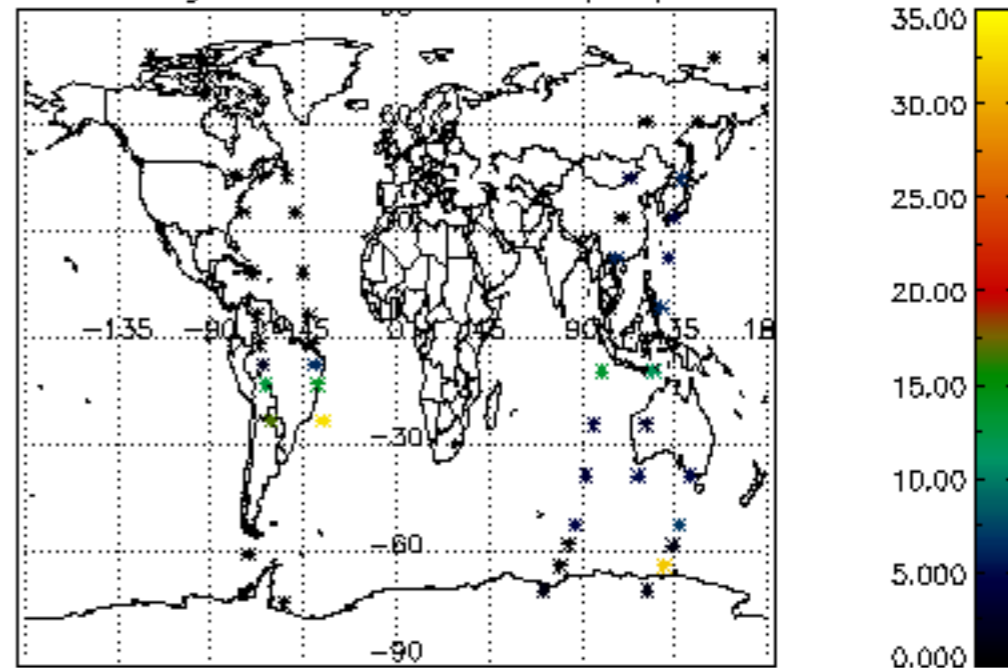
Percentage of datation errors per profile



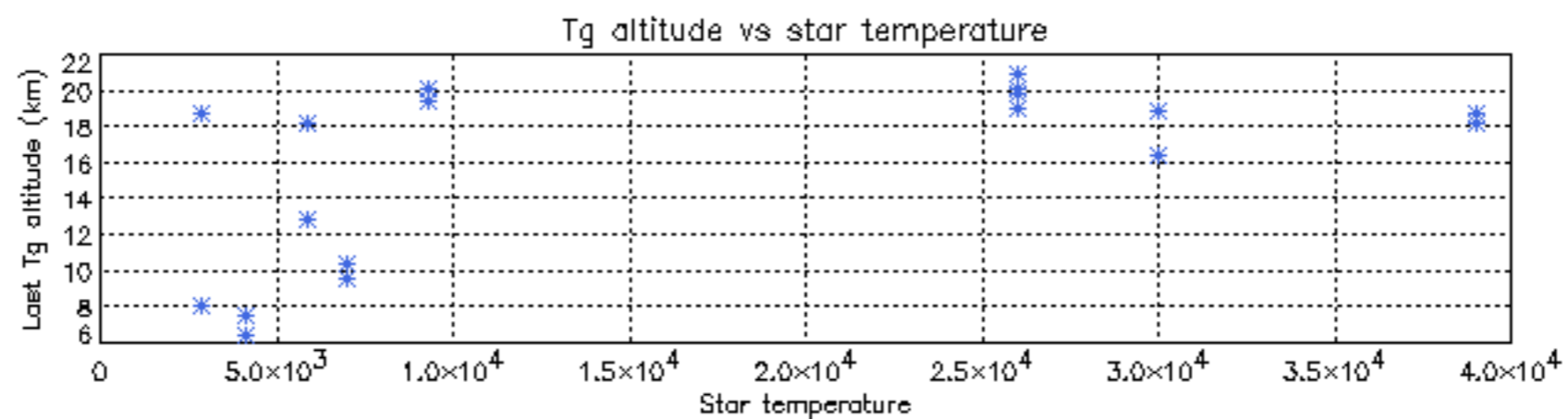
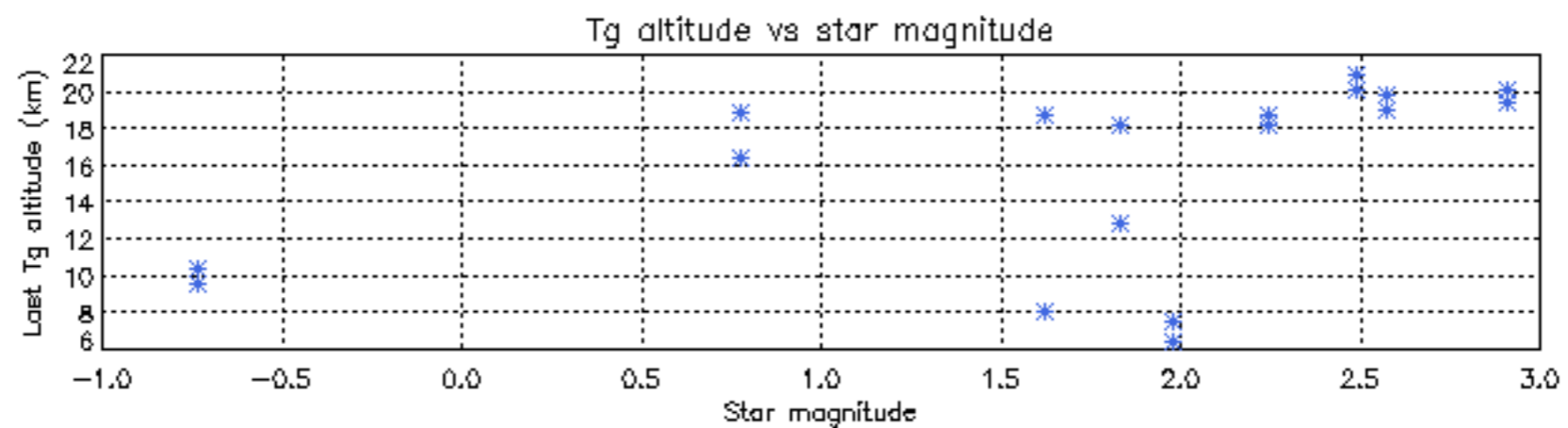
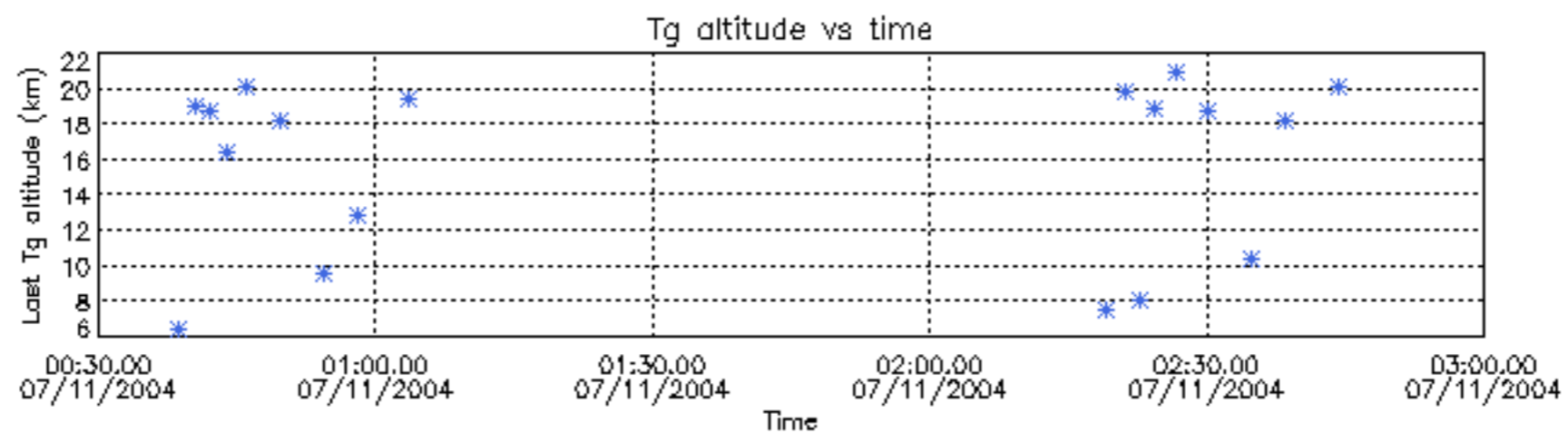
Percentage of star falling outside central band per profile



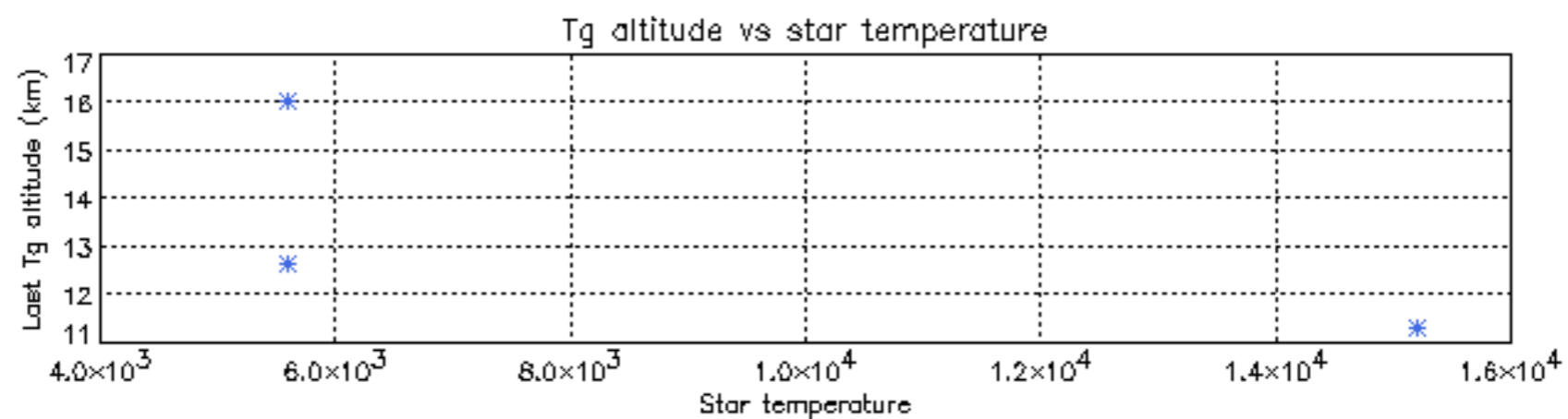
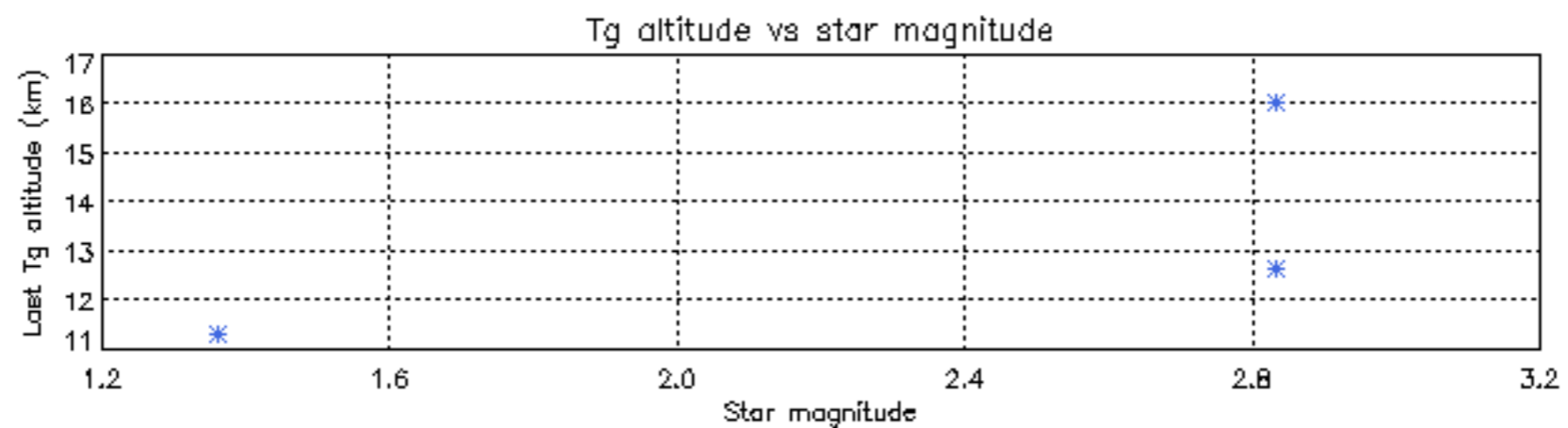
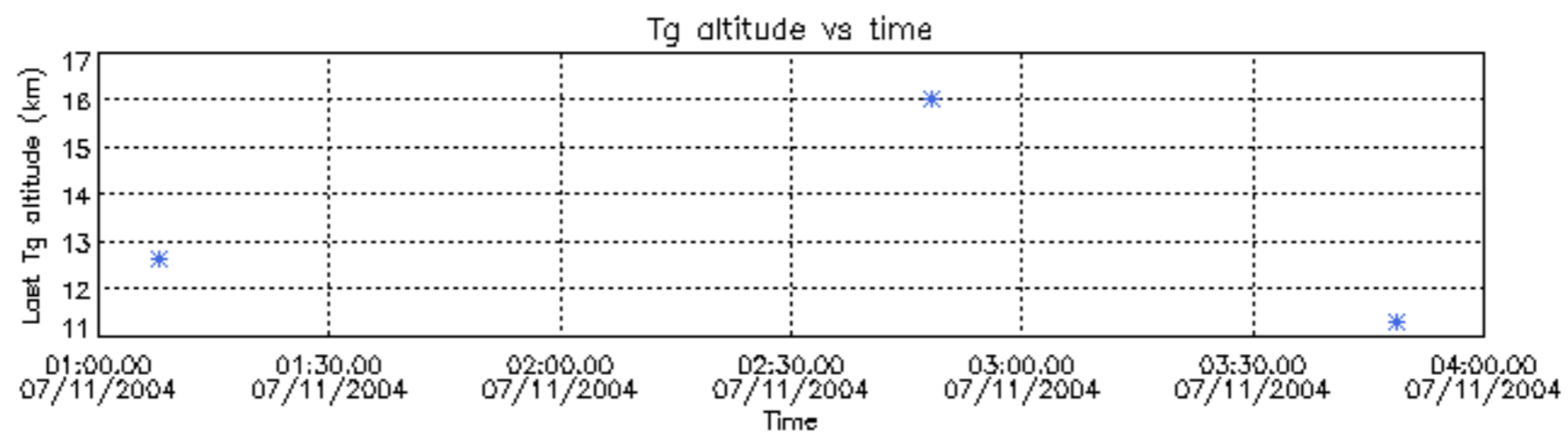
Percentage of saturation errors per profile



Tangent altitude at which the star is lost



Tangent altitude at which the star is lost



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13; 1623.5; 01-NOV-2004 02:39:42; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;13971
14; 2006.3; 01-NOV-2004 02:46:05; Dark ; 60.0; 94; 92Alp Cet ; 2.53; 3100;occ; 120; 0;13971
15; 2195.0; 01-NOV-2004 02:49:14; Bright; 36.5; 140; 88Gam Peg ; 2.83; 26000;occ; 73; 0;13971
16; 2326.1; 01-NOV-2004 02:51:25; Bright; 45.5; 50; 13Alp Ari ; 2.01; 4250;occ; 91; 0;13971
17; 2423.1; 01-NOV-2004 02:53:02; Bright; 41.0; 58; 21Alp And ; 2.07; 11000;occ; 82; 0;13971
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11; 354.6; 01-NOV-2004 05:39:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;13973
12; 527.3; 01-NOV-2004 05:42:38; Dark ; 62.0; 2; Alp Car ; -0.74; 7000;occ; 124; 0;13973
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16; 1141.6; 01-NOV-2004 05:52:52; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;13973
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```

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22; 2426.4; 01-NOV-2004 06:14:17; Bright; 39.0; 58; 21Alp And ; 2.07; 11000;occ; 78; 0;13973
23; 2512.8; 01-NOV-2004 06:15:43; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;13973
24; 2657.2; 01-NOV-2004 06:18:08; Bright; 40.5; 73; 57Gam1And ; 2.26; 13100;occ; 81; 0;13973
25; 2866.0; 01-NOV-2004 06:21:37; Bright; 39.5; 68; 18Alp Cas ; 2.22; 4500;occ; 79; 0;13973
26; 2936.8; 01-NOV-2004 06:22:47; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;13973
27; 3113.5; 01-NOV-2004 06:25:44; Bright; 88.5; 114; 3Iot Aur ; 2.69; 4600;occ; 177; 0;13973
28; 3421.6; 01-NOV-2004 06:30:52; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;13973
29; 3652.7; 01-NOV-2004 06:34:43; Bright; 9.5; 60; 7Bet UMi ; 2.08; 3950;occ; 19; 0;13973
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11; 2511.8; 01-NOV-2004 21:21:06; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;13982
12; 2654.3; 01-NOV-2004 21:23:28; Bright; 42.5; 73; 57Gam1And ; 2.26; 13100;occ; 85; 0;13982
13; 2866.2; 01-NOV-2004 21:27:00; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;13982
14; 2936.8; 01-NOV-2004 21:28:11; Bright; 37.0; 76; 27Gam Cas ; 2.30; 30000;occ; 74; 0;13982
15; 3093.8; 01-NOV-2004 21:30:48; Bright; 86.5; 114; 3Iot Aur ; 2.69; 4600;occ; 173; 0;13982
16; 3271.5; 01-NOV-2004 21:33:45; Bright; 66.0; 6; 13Alp Aur ; 0.08; 3400;occ; 132; 0;13982
17; 3421.3; 01-NOV-2004 21:36:15; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;13982
18; 3654.1; 01-NOV-2004 21:40:08; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;13982
19; 3908.6; 01-NOV-2004 21:44:22; Bright; 42.0; 36; 50Alp UMa ; 1.80; 6300;occ; 84; 0;13982
20; 4004.6; 01-NOV-2004 21:45:58; Bright; 56.0; 82; 48Bet UMa ; 2.37; 10600;occ; 112; 0;13982
21; 4227.8; 01-NOV-2004 21:49:42; Bright; 38.5; 174; 52Psi UMa ; 3.00; 4400;occ; 77; 0;13982
22; 4692.3; 01-NOV-2004 21:57:26; Dark ; 254.5; 24; 66Alp Gem ; 1.58; 10200;occ; 509; 0;13982
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 7; 861.3; 01-NOV-2004 22:34:11; Dark ; 38.0; 143; Alp Hyi ; 2.86; 7200;occ; 76; 0;13983
 8; 944.8; 01-NOV-2004 22:35:35; Dark ; 48.5; 9; Alp Eri ; 0.45; 24000;occ; 97; 0;13983
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10; 1337.3; 01-NOV-2004 22:42:07; Dark ; 106.0; 139; 9Bet Lep ; 2.83; 5600;occ; 212; 0;13983
11; 1626.1; 01-NOV-2004 22:46:56; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;13983
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13; 2197.6; 01-NOV-2004 22:56:27; Bright; 37.5; 140; 88Gam Peg ; 2.83; 26000;occ; 75; 0;13983
14; 2324.7; 01-NOV-2004 22:58:34; Bright; 42.5; 50; 13Alp Ari ; 2.01; 4250;occ; 85; 0;13983
15; 2427.7; 01-NOV-2004 23:00:17; Bright; 39.0; 58; 21Alp And ; 2.07; 11000;occ; 78; 0;13983
16; 2511.2; 01-NOV-2004 23:01:41; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;13983
17; 2653.4; 01-NOV-2004 23:04:03; Bright; 39.0; 73; 57Gam1And ; 2.26; 13100;occ; 78; 0;13983
18; 2865.9; 01-NOV-2004 23:07:36; Bright; 40.0; 68; 18Alp Cas ; 2.22; 4500;occ; 80; 0;13983
19; 2936.5; 01-NOV-2004 23:08:46; Bright; 36.5; 76; 27Gam Cas ; 2.30; 30000;occ; 73; 0;13983
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22; 3421.3; 01-NOV-2004 23:16:51; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;13983
23; 3653.7; 01-NOV-2004 23:20:43; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;13983
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25; 4004.4; 01-NOV-2004 23:26:34; Bright; 56.0; 82; 48Bet UMa ; 2.37; 10600;occ; 112; 0;13983
26; 4227.7; 01-NOV-2004 23:30:17; Bright; 41.0; 174; 52Psi UMa ; 3.00; 4400;occ; 82; 0;13983
27; 4694.1; 01-NOV-2004 23:38:04; Dark ; 254.5; 24; 66Alp Gem ; 1.58; 10200;occ; 509; 0;13983
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 6; 644.5; 02-NOV-2004 00:11:10; Dark ; 86.5; 23; 21Eps CMA ; 1.50; 26000;occ; 173; 0;13984
 7; 861.5; 02-NOV-2004 00:14:47; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;13984

```



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8; 944.7; 02-NOV-2004 00:16:10; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;13984
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11; 1626.3; 02-NOV-2004 00:27:32; Dark ; 47.0; 52; 16Bet Cet ; 2.04; 4500;occ; 94; 0;13984
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13; 2198.1; 02-NOV-2004 00:37:04; Bright; 37.0; 140; 88Gam Peg ; 2.83; 26000;occ; 74; 0;13984
14; 2324.2; 02-NOV-2004 00:39:10; Bright; 43.0; 50; 13Alp Ari ; 2.01; 4250;occ; 86; 0;13984
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16; 2511.2; 02-NOV-2004 00:42:17; Bright; 42.0; 53; 43Bet And ; 2.05; 3300;occ; 84; 0;13984
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18; 2865.2; 02-NOV-2004 00:48:11; Bright; 39.5; 68; 18Alp Cas ; 2.22; 4500;occ; 79; 0;13984
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22; 3421.3; 02-NOV-2004 00:57:27; Bright; 40.0; 49; 1Alp UMi ; 1.99; 6300;occ; 80; 0;13984
23; 3654.5; 02-NOV-2004 01:01:20; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;13984
24; 3908.0; 02-NOV-2004 01:05:34; Bright; 43.5; 36; 50Alp UMa ; 1.80; 6300;occ; 87; 0;13984
25; 4004.2; 02-NOV-2004 01:07:10; Bright; 41.0; 82; 48Bet UMa ; 2.37; 10600;occ; 82; 0;13984
26; 4227.8; 02-NOV-2004 01:10:53; Bright; 40.0; 174; 52Psi UMa ; 3.00; 4400;occ; 80; 0;13984
27; 4696.0; 02-NOV-2004 01:18:42; Dark ; 254.5; 24; 66Alp Gem ; 1.58; 10200;occ; 509; 0;13984
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2; 167.2; 01-NOV-2004 17:20:49; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;13980
3; 533.7; 01-NOV-2004 17:26:56; Dark ; 50.0; 2; Alp Car ;-0.74; 7000;occ; 100; 0;13980
4; 637.4; 01-NOV-2004 17:28:39; Dark ; 85.0; 23; 21Eps CMA ; 1.50; 26000;occ; 170; 0;13980
5; 860.2; 01-NOV-2004 17:32:22; Dark ; 40.5; 143; Alp Hyi ; 2.86; 7200;occ; 81; 0;13980
6; 944.0; 01-NOV-2004 17:33:46; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;13980
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11;-3100.2; 01-NOV-2004 18:06:58; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;13980
12;-2937.9; 01-NOV-2004 18:09:40; Bright; 82.0; 114; 3Iot Aur ; 2.69; 4600;occ; 164; 0;13980
13;-2761.5; 01-NOV-2004 18:12:37; Bright; 69.0; 6; 13Alp Aur ; 0.08; 3400;occ; 138; 0;13980
14;-2617.0; 01-NOV-2004 18:15:01; Bright; 41.0; 49; 1Alp UMi ; 1.99; 6300;occ; 82; 0;13980
15;-2384.4; 01-NOV-2004 18:18:54; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;13980
16;-2127.0; 01-NOV-2004 18:23:11; Bright; 42.0; 36; 50Alp UMa ; 1.80; 6300;occ; 84; 0;13980
17;-2031.3; 01-NOV-2004 18:24:47; Bright; 41.0; 82; 48Bet UMa ; 2.37; 10600;occ; 82; 0;13980
18;-1808.0; 01-NOV-2004 18:28:30; Bright; 57.0; 174; 52Psi UMa ; 3.00; 4400;occ; 114; 0;13980
19;-1347.0; 01-NOV-2004 18:36:11; Dark ; 255.0; 24; 66Alp Gem ; 1.58; 10200;occ; 510; 0;13980
20;-514.9; 01-NOV-2004 18:50:03; Dark ; 70.5; 48; 30Alp Hya ; 1.98; 4100;occ; 141; 0;13980
21;-233.0; 01-NOV-2004 18:54:45; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;13980
22;-135.6; 01-NOV-2004 18:56:22; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;13980
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24; 167.3; 01-NOV-2004 19:01:25; Dark ; 58.5; 0; ; 0.00; 0;occ; 117; 0;13981
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24; 2653.2; 02-NOV-2004 05:46:27; Bright; 41.5; 73; 57Gam1And ; 2.26; 13100;occ; 83; 0;13987
25; 2866.5; 02-NOV-2004 05:50:00; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;13987

```

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26; 2936.7; 02-NOV-2004 05:51:10; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;13987
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22; 541.3; 02-NOV-2004 10:13:02; Dark ; 51.5; 2; Alp Car ;-0.74; 7000;occ; 103; 0;13990
23; 654.4; 02-NOV-2004 10:14:55; Dark ; 89.5; 23; 21Eps CMA ; 1.50; 26000;occ; 179; 0;13990
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 16; 958.8; 08-NOV-2004 07:10:17; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;14074
 17; 1172.6; 08-NOV-2004 07:13:50; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;14074
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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
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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

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDE20041113_193742_000041422032_00071_14153_1101.N1

(corrupted file due to acquisition failures)

Problem occurred when reading packet number 2145!

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

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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
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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

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDE20041114_044555_000058122032_00076_14158_1109.N1

(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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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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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
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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
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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
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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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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
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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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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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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
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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
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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 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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 11;-3533.5; 14-NOV-2004 21:12:17; Bright; 37.0; 173; 4Bet Tri ; 3.00; 8900;occ; 74; 2;14168
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 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
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 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
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 25;-1432.8; 14-NOV-2004 21:47:17; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14168
 26;-1301.6; 14-NOV-2004 21:49:29; Bright; 48.5; 96; 68Del Leo ; 2.56; 9300;occ; 97; 0;14168
 27;-1199.9; 14-NOV-2004 21:51:10; Bright; 95.0; 166; 17Eps Leo ; 2.98; 6000;occ; 190; 0;14168
 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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 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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 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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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
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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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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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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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
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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

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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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 8;-1194.7; 15-NOV-2004 06:14:15; Bright; 100.5; 166; 17Eps Leo ; 2.98; 6000;occ; 201; 0;14173
 9; -905.4; 15-NOV-2004 06:19:04; Dark ; 91.0; 22; 32Alp Leo ; 1.36; 15200;occ; 182; 0;14173
 10; -713.3; 15-NOV-2004 06:22:17; Dark ; 41.5; 100; 4Gam Crv ; 2.58; 13100;occ; 83; 0;14173
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 12; -247.1; 15-NOV-2004 06:30:03; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;14173
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 14; -12.6; 15-NOV-2004 06:33:57; Dark ; 39.0; 12; Alp1Cru ; 0.77; 30000;occ; 78; 0;14173
 15; 185.4; 15-NOV-2004 06:37:15; Dark ; 42.5; 91; Kap Vel ; 2.49; 26000;occ; 85; 0;14174
 16; 343.7; 15-NOV-2004 06:39:54; Dark ; 46.0; 41; Eps Car ; 1.86; 4100;occ; 92; 0;14174
 17; 524.5; 15-NOV-2004 06:42:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14174
 18; 673.9; 15-NOV-2004 06:45:24; Dark ; 61.0; 2; Alp Car ; -0.74; 7000;occ; 122; 0;14174
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 22; 1198.5; 15-NOV-2004 06:54:08; Dark ; 40.0; 157; The1Eri ; 2.91; 9300;occ; 80; 0;14174
 23; 1500.4; 15-NOV-2004 06:59:10; Dark ; 78.5; 101; 11Alp Lep ; 2.58; 7000;occ; 157; 0;14174
 24; 1638.3; 15-NOV-2004 07:01:28; Dark ; 56.0; 165; 34Gam Eri ; 2.95; 3200;occ; 112; 0;14174

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDK20041115_070128_000061052032_00092_14174_1379.N1

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 13;-2240.7; 15-NOV-2004 07:37:25; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;14174
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 16;-1814.4; 15-NOV-2004 07:44:31; Bright; 45.0; 174; 52Psi UMa ; 3.00; 4400;occ; 90; 0;14174
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 18;-1430.3; 15-NOV-2004 07:50:55; Bright; 33.5; 3; 16Alp Boo ; -0.05; 4250;occ; 67; 0;14174
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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
 27; 219.7; 15-NOV-2004 08:18:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14175
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 29; 454.7; 15-NOV-2004 08:22:20; Dark ; 55.5; 70; Zet Pup ; 2.25; 39000;occ; 111; 0;14175
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 31; 800.5; 15-NOV-2004 08:28:06; Dark ; 80.5; 88; 31Eta CMa ; 2.45; 20000;occ; 161; 0;14175
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 34; 1198.7; 15-NOV-2004 08:34:45; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14175
 35; 1497.1; 15-NOV-2004 08:39:43; Dark ; 211.5; 1; 9Alp CMa ; -1.44; 11000;occ; 423; 0;14175

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDK20041115_084252_000060012032_00093_14175_1380.N1

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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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```

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12;-2614.5; 15-NOV-2004 10:52:23; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;14176
13;-2352.8; 15-NOV-2004 10:56:45; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14176
14;-2239.7; 15-NOV-2004 10:58:38; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;14176
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31; 675.9; 15-NOV-2004 11:47:13; Dark ; 61.0; 2; Alp Car ; -0.74; 7000;occ; 122; 0;14177
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35; 1199.8; 15-NOV-2004 11:55:57; Dark ; 38.0; 157; The1Eri ; 2.91; 9300;occ; 76; 0;14177
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13;-2352.6; 15-NOV-2004 12:37:21; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;14177
14;-2239.4; 15-NOV-2004 12:39:14; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;14177
15;-2057.4; 15-NOV-2004 12:42:16; Bright; 41.0; 82; 48Bet UMa ; 2.37; 10600;occ; 82; 0;14177
16;-1916.2; 15-NOV-2004 12:44:37; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;14177
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18;-1707.3; 15-NOV-2004 12:48:06; Bright; 35.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 71; 0;14177
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22; -748.9; 15-NOV-2004 13:04:04; Dark ; 41.0; 163; 7Del Crv ; 2.94; 11000;occ; 82; 0;14177
23; -619.4; 15-NOV-2004 13:06:14; Dark ; 46.5; 171; 2Eps Crv ; 3.00; 4250;occ; 93; 0;14177
24; -245.3; 15-NOV-2004 13:12:28; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;14177
25; -108.8; 15-NOV-2004 13:14:44; Dark ; 50.5; 26; Gam Cru ; 1.62; 2900;occ; 101; 0;14177

```

26; -11.8; 15-NOV-2004 13:16:21; Dark ; 47.0; 12; Alp1Cru ; 0.77; 30000;occ; 94; 0;14177
 27; 112.2; 15-NOV-2004 13:18:25; Dark ; 38.0; 124; The Car ; 2.76; 30000;occ; 76; 0;14178
 28; 222.5; 15-NOV-2004 13:20:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14178
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 30; 458.8; 15-NOV-2004 13:24:12; Dark ; 58.0; 70; Zet Pup ; 2.25; 39000;occ; 116; 0;14178
 31; 676.6; 15-NOV-2004 13:27:50; Dark ; 50.0; 2; Alp Car ;-0.74; 7000;occ; 100; 0;14178
 32; 805.4; 15-NOV-2004 13:29:59; Dark ; 79.5; 88; 31Eta CMA ; 2.45; 20000;occ; 159; 0;14178
 33; 940.9; 15-NOV-2004 13:32:14; Dark ; 88.0; 23; 21Eps CMA ; 1.50; 26000;occ; 176; 0;14178
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 35; 1200.0; 15-NOV-2004 13:36:33; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14178
 36; 1498.3; 15-NOV-2004 13:41:31; Dark ; 31.0; 1; 9Alp CMA ;-1.44; 11000;occ; 62; 0;14178

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDK20041115_134131_000045722032_00096_14178_1383.N1

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 16;-1916.3; 15-NOV-2004 14:25:13; Bright; 36.0; 39; 85Eta UMA ; 1.85; 24000;occ; 72; 0;14178
 17;-1814.3; 15-NOV-2004 14:26:55; Bright; 42.0; 174; 52Psi UMA ; 3.00; 4400;occ; 84; 0;14178
 18;-1707.5; 15-NOV-2004 14:28:42; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;14178
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 23; -619.6; 15-NOV-2004 14:46:50; Dark ; 46.5; 171; 2Eps Crv ; 3.00; 4250;occ; 93; 0;14178
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 26; -11.7; 15-NOV-2004 14:56:57; Dark ; 47.5; 12; Alp1Cru ; 0.77; 30000;occ; 95; 0;14178

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDE20041113_033653_000058142032_00061_14143_1099.N1

(corrupted file due to acquisition failures)

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 3;-2150.3; 13-NOV-2004 03:40:21; Bright; 44.5; 36; 50Alp UMA ; 1.80; 6300;occ; 89; 0;14143
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 6;-1812.4; 13-NOV-2004 03:45:59; Bright; 44.0; 174; 52Psi UMA ; 3.00; 4400;occ; 88; 0;14143
 7;-1713.3; 13-NOV-2004 03:47:38; Bright; 38.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 76; 2;14143
 8;-1411.2; 13-NOV-2004 03:52:40; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;14143
 9;-1222.7; 13-NOV-2004 03:55:49; Bright; 85.0; 166; 17Eps Leo ; 2.98; 6000;occ; 170; 0;14143
 10; -945.0; 13-NOV-2004 04:00:26; Dark ; 81.5; 22; 32Alp Leo ; 1.36; 15200;occ; 163; 1;14143
 11; -727.1; 13-NOV-2004 04:04:04; Dark ; 45.0; 100; 4Gam Crv ; 2.58; 13100;occ; 90; 0;14143
 12; -636.8; 13-NOV-2004 04:05:35; Dark ; 46.5; 171; 2Eps Crv ; 3.00; 4250;occ; 93; 2;14143
 13; -254.1; 13-NOV-2004 04:11:57; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 2;14143
 14; -115.8; 13-NOV-2004 04:14:16; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 1;14143
 15; -18.2; 13-NOV-2004 04:15:53; Dark ; 44.0; 12; Alp1Cru ; 0.77; 30000;occ; 88; 0;14143
 16; 98.2; 13-NOV-2004 04:17:50; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14144
 17; 186.6; 13-NOV-2004 04:19:18; Dark ; 41.0; 159; Ups Car ; 2.92; 7200;occ; 82; 2;14144
 18; 270.5; 13-NOV-2004 04:20:42; Dark ; 40.0; 29; Bet Car ; 1.67; 10200;occ; 80; 0;14144
 19; 376.8; 13-NOV-2004 04:22:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 2;14144
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 23; 1190.2; 13-NOV-2004 04:36:02; Dark ; 42.5; 157; The1Eri ; 2.91; 9300;occ; 85; 1;14144
 24; 1407.8; 13-NOV-2004 04:39:39; Dark ; 76.0; 139; 9Bet Lep ; 2.83; 5600;occ; 152; 2;14144
 25; 1636.1; 13-NOV-2004 04:43:27; Dark ; 58.5; 165; 34Gam Eri ; 2.95; 3200;occ; 117; 1;14144
 26; 1805.2; 13-NOV-2004 04:46:17; Dark ; 95.0; 7; 19Bet Ori ; 0.10; 14000;occ; 190; 2;14144
 27; 1975.5; 13-NOV-2004 04:49:07; Dark ; 57.0; 94; 92Alp Cet ; 2.53; 3100;occ; 114; 1;14144
 28; 2260.6; 13-NOV-2004 04:53:52; Bright; 37.0; 105; 6Bet Ari ; 2.64; 8900;occ; 74; 2;14144


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30; 2522.9; 13-NOV-2004 04:58:14; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;14144
31; 2627.6; 13-NOV-2004 04:59:59; Bright; 39.0; 73; 57Gam1And ; 2.26; 13100;occ; 78; 0;14144
32; 2725.8; 13-NOV-2004 05:01:37; Bright; 47.0; 149; 45Eps Per ; 2.89; 30000;occ; 94; 0;14144
33; 2825.6; 13-NOV-2004 05:03:17; Bright; 43.5; 35; 33Alp Per ; 1.79; 6250;occ; 87; 0;14144
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36; 3260.9; 13-NOV-2004 05:10:32; Bright; 64.5; 42; 34Bet Aur ; 1.90; 10200;occ; 129; 1;14144
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32; 225.0; 15-NOV-2004 18:22:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14181
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14;-3007.5; 15-NOV-2004 19:08:50; Bright; 57.5; 6; 13Alp Aur ; 0.08; 3400;occ; 115; 0;14181
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16;-2614.6; 15-NOV-2004 19:15:23; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;14181
17;-2352.4; 15-NOV-2004 19:19:45; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14181
18;-2238.3; 15-NOV-2004 19:21:39; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;14181
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21;-1814.7; 15-NOV-2004 19:28:42; Bright; 44.0; 174; 52Psi UMa ; 3.00; 4400;occ; 88; 0;14181
22;-1707.3; 15-NOV-2004 19:30:30; Bright; 36.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 73; 0;14181
23;-1429.7; 15-NOV-2004 19:35:07; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;14181
24;-1295.8; 15-NOV-2004 19:37:21; Bright; 49.0; 96; 68Del Leo ; 2.56; 9300;occ; 98; 0;14181
25;-1186.4; 15-NOV-2004 19:39:11; Dark ; 106.5; 166; 17Eps Leo ; 2.98; 6000;occ; 213; 0;14181
26; -894.0; 15-NOV-2004 19:44:03; Dark ; 95.5; 22; 32Alp Leo ; 1.36; 15200;occ; 191; 0;14181
27; -709.0; 15-NOV-2004 19:47:08; Dark ; 40.5; 100; 4Gam Crv ; 2.58; 13100;occ; 81; 0;14181
28; -618.1; 15-NOV-2004 19:48:39; Dark ; 48.0; 171; 2Eps Crv ; 3.00; 4250;occ; 96; 0;14181
29; -245.3; 15-NOV-2004 19:54:52; Dark ; 39.0; 64; Gam Cen ; 2.20; 10600;occ; 78; 0;14181
30; -108.6; 15-NOV-2004 19:57:09; Dark ; 46.0; 26; Gam Cru ; 1.62; 2900;occ; 92; 0;14181
31; -11.5; 15-NOV-2004 19:58:46; Dark ; 45.5; 12; Alp1Cru ; 0.77; 30000;occ; 91; 0;14181
32; 78.1; 15-NOV-2004 20:00:15; Dark ; 37.5; 112; Alp Mus ; 2.69; 26000;occ; 75; 0;14182
33; 225.8; 15-NOV-2004 20:02:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14182
34; 349.0; 15-NOV-2004 20:04:46; Dark ; 44.0; 41; Eps Car ; 1.86; 4100;occ; 88; 0;14182
35; 463.6; 15-NOV-2004 20:06:41; Dark ; 56.5; 70; Zet Pup ; 2.25; 39000;occ; 113; 0;14182
36; 678.8; 15-NOV-2004 20:10:16; Dark ; 52.0; 2; Alp Car ;-0.74; 7000;occ; 104; 0;14182
37; 811.2; 15-NOV-2004 20:12:28; Dark ; 13.0; 88; 31Eta CMA ; 2.45; 20000;occ; 26; 0;14182
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5;-1814.9; 16-NOV-2004 07:12:54; Bright; 43.0; 174; 52Psi UMa ; 3.00; 4400;occ; 86; 0;14188
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7;-1427.9; 16-NOV-2004 07:19:21; Bright; 33.5; 3; 16Alp Boo ;-0.05; 4250;occ; 67; 0;14188
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11; -705.4; 16-NOV-2004 07:31:23; Dark ; 41.0; 100; 4Gam Crv ; 2.58; 13100;occ; 82; 0;14188
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13; -243.1; 16-NOV-2004 07:39:06; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 0;14188
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15; -9.9; 16-NOV-2004 07:42:59; Dark ; 43.0; 12; Alp1Cru ; 0.77; 30000;occ; 86; 0;14188
16; 116.8; 16-NOV-2004 07:45:05; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14189
17; 196.9; 16-NOV-2004 07:46:26; Dark ; 43.5; 91; Kap Vel ; 2.49; 26000;occ; 87; 0;14189
18; 288.9; 16-NOV-2004 07:47:58; Dark ; 39.0; 29; Bet Car ; 1.67; 10200;occ; 78; 0;14189
19; 467.9; 16-NOV-2004 07:50:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14189
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22; 954.4; 16-NOV-2004 07:59:03; Dark ; 80.5; 23; 21Eps CMA ; 1.50; 26000;occ; 161; 0;14189
23; 1203.3; 16-NOV-2004 08:03:12; Dark ; 39.0; 157; The1Eri ; 2.91; 9300;occ; 78; 0;14189
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4;-3645.7; 16-NOV-2004 08:22:59; Bright; 45.0; 146; 25Eta Tau ; 2.87; 15200;occ; 90; 0;14189
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7;-3226.0; 16-NOV-2004 08:29:59; Bright; 40.5; 35; 33Alp Per ; 1.79; 6250;occ; 81; 0;14189
8;-2837.9; 16-NOV-2004 08:36:27; Bright; 62.0; 42; 34Bet Aur ; 1.90; 10200;occ; 124; 0;14189
9;-2614.1; 16-NOV-2004 08:40:10; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;14189
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11;-2235.0; 16-NOV-2004 08:46:30; Bright; 36.0; 119; 14Eta Dra ; 2.73; 4700;occ; 72; 0;14189
12;-2059.4; 16-NOV-2004 08:49:25; Bright; 53.5; 82; 48Bet UMa ; 2.37; 10600;occ; 107; 0;14189
13;-1914.0; 16-NOV-2004 08:51:50; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;14189
14;-1814.7; 16-NOV-2004 08:53:30; Bright; 44.5; 174; 52Psi UMa ; 3.00; 4400;occ; 89; 0;14189

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18;-1177.3; 16-NOV-2004 09:04:07; Dark ; 103.5; 166; 17Eps Leo ; 2.98; 6000;occ; 207; 0;14189
19; -881.7; 16-NOV-2004 09:09:03; Dark ; 96.0; 22; 32Alp Leo ; 1.36; 15200;occ; 192; 0;14189
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23; -105.6; 16-NOV-2004 09:21:59; Dark ; 52.0; 26; Gam Cru ; 1.62; 2900;occ; 104; 0;14189
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25; 117.1; 16-NOV-2004 09:25:42; Dark ; 38.5; 124; The Car ; 2.76; 30000;occ; 77; 0;14190
26; 232.6; 16-NOV-2004 09:27:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14190
27; 354.7; 16-NOV-2004 09:29:39; Dark ; 45.5; 41; Eps Car ; 1.86; 4100;occ; 91; 0;14190
28; 473.5; 16-NOV-2004 09:31:38; Dark ; 56.5; 70; Zet Pup ; 2.25; 39000;occ; 113; 0;14190
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32; 1203.4; 16-NOV-2004 09:43:48; Dark ; 39.5; 157; The1Eri ; 2.91; 9300;occ; 79; 0;14190
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5;-3646.1; 16-NOV-2004 10:03:34; Bright; 43.5; 146; 25Eta Tau ; 2.87; 15200;occ; 87; 0;14190
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31; 686.1; 16-NOV-2004 11:15:47; Dark ; 56.0; 2; Alp Car ;-0.74; 7000;occ; 112; 0;14191
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32; 358.5; 16-NOV-2004 19:33:19; Dark ; 45.0; 41; Eps Car ; 1.86; 4100;occ; 90; 0;14196
33; 481.1; 16-NOV-2004 19:35:21; Dark ; 56.0; 70; Zet Pup ; 2.25; 39000;occ; 112; 0;14196
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12; 1461.0; 17-NOV-2004 00:53:29; Dark ; 112.0; 47; 2Bet CMA ; 1.98; 28000;occ; 224; 0;14199
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26; 3974.5; 17-NOV-2004 01:35:22; Bright; 40.5; 82; 48Bet UMA ; 2.37; 10600;occ; 81; 0;14199
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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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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

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL_0PNPDK20041118_084806_000060442032_00136_14218_1412.N1

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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17;-1819.3; 18-NOV-2004 11:11:23; Bright; 47.5; 174; 52Psi UMa ; 3.00; 4400;occ; 95; 0;14219
18;-1703.8; 18-NOV-2004 11:13:19; Bright; 54.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 108; 0;14219
19;-1575.6; 18-NOV-2004 11:15:27; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;14219
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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
30; 509.6; 18-NOV-2004 11:50:12; Dark ; 59.5; 70; Zet Pup ; 2.25; 39000;occ; 119; 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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4;-3769.3; 18-NOV-2004 12:19:29; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14220
5;-3660.7; 18-NOV-2004 12:21:18; Bright; 44.5; 146; 25Eta Tau ; 2.87; 15200;occ; 89; 0;14220
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7;-3410.2; 18-NOV-2004 12:25:28; Bright; 36.0; 73; 57Gam1And ; 2.26; 13100;occ; 72; 0;14220
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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; 127.4; 18-NOV-2004 13:24:26; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14221
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6; 302.8; 18-NOV-2004 23:30:57; Dark ; 40.5; 29; Bet Car ; 1.67; 10200;occ; 81; 0;14227
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12; -225.9; 21-NOV-2004 03:20:42; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;14257
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23; 1641.7; 21-NOV-2004 03:51:50; Dark ; 52.5; 165; 34Gam Eri ; 2.95; 3200;occ; 105; 0;14258
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27; 2360.2; 21-NOV-2004 04:03:48; Bright; 43.5; 146; 25Eta Tau ; 2.87; 15200;occ; 87; 0;14258
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31; 2904.6; 21-NOV-2004 04:12:53; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;14258
32; 2976.1; 21-NOV-2004 04:14:04; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;14258
33; 3106.7; 21-NOV-2004 04:16:15; Bright; 60.5; 42; 34Bet Aur ; 1.90; 10200;occ; 121; 0;14258
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8;-3129.4; 21-NOV-2004 09:14:42; Bright; 37.5; 68; 18Alp Cas ; 2.22; 4500;occ; 75; 0;14261
9;-3059.0; 21-NOV-2004 09:15:53; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;14261
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25; 4.3; 21-NOV-2004 10:06:56; Dark ; 44.5; 12; Alp1Cru ; 0.77; 30000;occ; 89; 1;14262
26; 145.2; 21-NOV-2004 10:09:17; Dark ; 38.0; 124; The Car ; 2.76; 30000;occ; 76; 0;14262
27; 293.5; 21-NOV-2004 10:11:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 1;14262
28; 399.9; 21-NOV-2004 10:13:32; Dark ; 46.5; 41; Eps Car ; 1.86; 4100;occ; 93; 0;14262
29; 559.9; 21-NOV-2004 10:16:12; Dark ; 58.0; 70; Zet Pup ; 2.25; 39000;occ; 116; 0;14262
30; 730.0; 21-NOV-2004 10:19:02; Dark ; 60.0; 2; Alp Car ;-0.74; 7000;occ; 120; 0;14262
31; 1032.9; 21-NOV-2004 10:24:05; Dark ; 81.0; 23; 21Eps CMa ; 1.50; 26000;occ; 162; 0;14262
32; 1218.2; 21-NOV-2004 10:27:10; Dark ; 40.0; 157; The1Eri ; 2.91; 9300;occ; 80; 0;14262
33; 1511.4; 21-NOV-2004 10:32:03; Dark ; 121.5; 1; 9Alp CMa ;-1.44; 11000;occ; 243; 0;14262
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3;-4026.6; 21-NOV-2004 10:40:21; Dark ; 83.0; 30; 46Eps Ori ; 1.69; 30000;occ; 166; 0;14262
4;-3763.7; 21-NOV-2004 10:44:44; Bright; 37.5; 105; 6Bet Ari ; 2.64; 8900;occ; 75; 0;14262
5;-3675.8; 21-NOV-2004 10:46:12; Bright; 43.0; 146; 25Eta Tau ; 2.87; 15200;occ; 86; 0;14262
6;-3532.7; 21-NOV-2004 10:48:35; Bright; 35.5; 173; 4Bet Tri ; 3.00; 8900;occ; 71; 0;14262
7;-3409.0; 21-NOV-2004 10:50:39; Bright; 37.5; 73; 57Gam1And ; 2.26; 13100;occ; 75; 0;14262
8;-3263.2; 21-NOV-2004 10:53:05; Bright; 39.5; 175; 39Del Per ; 3.01; 19400;occ; 79; 0;14262
9;-3129.1; 21-NOV-2004 10:55:19; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;14262
10;-3058.3; 21-NOV-2004 10:56:29; Bright; 37.5; 74; 11Bet Cas ; 2.27; 6600;occ; 75; 0;14262
11;-2934.2; 21-NOV-2004 10:58:34; Bright; 58.5; 42; 34Bet Aur ; 1.90; 10200;occ; 117; 0;14262
12;-2616.6; 21-NOV-2004 11:03:51; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;14262
/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDK20041121_121323_000057392032_00181_14263_1440.N1
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3;-4027.4; 21-NOV-2004 12:20:56; Dark ; 85.5; 30; 46Eps Ori ; 1.69; 30000;occ; 171; 0;14263
4;-3763.8; 21-NOV-2004 12:25:20; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14263
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6;-3532.7; 21-NOV-2004 12:29:11; Bright; 36.0; 173; 4Bet Tri ; 3.00; 8900;occ; 72; 0;14263
7;-3409.0; 21-NOV-2004 12:31:15; Bright; 40.5; 73; 57Gam1And ; 2.26; 13100;occ; 81; 0;14263
8;-3263.5; 21-NOV-2004 12:33:40; Bright; 38.0; 175; 39Del Per ; 3.01; 19400;occ; 76; 0;14263
9;-3129.1; 21-NOV-2004 12:35:55; Bright; 37.5; 68; 18Alp Cas ; 2.22; 4500;occ; 75; 0;14263
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11;-2935.8; 21-NOV-2004 12:39:08; Bright; 58.5; 42; 34Bet Aur ; 1.90; 10200;occ; 117; 0;14263
12;-2615.7; 21-NOV-2004 12:44:28; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;14263
13;-2344.8; 21-NOV-2004 12:48:59; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;14263
14;-2213.9; 21-NOV-2004 12:51:10; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;14263
15;-2078.1; 21-NOV-2004 12:53:26; Bright; 44.0; 82; 48Bet UMa ; 2.37; 10600;occ; 88; 0;14263
16;-1990.2; 21-NOV-2004 12:54:53; Bright; 41.0; 87; 64Gam UMa ; 2.43; 11000;occ; 82; 0;14263
17;-1824.3; 21-NOV-2004 12:57:39; Bright; 49.0; 174; 52Psi UMa ; 3.00; 4400;occ; 98; 0;14263
18;-1567.5; 21-NOV-2004 13:01:56; Bright; 41.0; 83; ; 2.38; 11000;occ; 82; 0;14263
19;-1416.4; 21-NOV-2004 13:04:27; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;14263
20;-1259.7; 21-NOV-2004 13:07:04; Bright; 55.5; 96; 68Del Leo ; 2.56; 9300;occ; 111; 0;14263
21;-1089.1; 21-NOV-2004 13:09:55; Dark ; 102.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 205; 0;14263
22; -739.2; 21-NOV-2004 13:15:44; Dark ; 133.5; 22; 32Alp Leo ; 1.36; 15200;occ; 267; 0;14263
23; -223.4; 21-NOV-2004 13:24:20; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;14263
24; -64.3; 21-NOV-2004 13:26:59; Dark ; 45.5; 20; Bet Cru ; 1.25; 30000;occ; 91; 0;14263
25; 5.0; 21-NOV-2004 13:28:09; Dark ; 44.0; 12; Alp1Cru ; 0.77; 30000;occ; 88; 0;14264
26; 145.8; 21-NOV-2004 13:30:29; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14264
27; 295.2; 21-NOV-2004 13:32:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14264
28; 401.7; 21-NOV-2004 13:34:45; Dark ; 48.5; 41; Eps Car ; 1.86; 4100;occ; 97; 0;14264
29; 561.6; 21-NOV-2004 13:37:25; Dark ; 58.5; 70; Zet Pup ; 2.25; 39000;occ; 117; 0;14264
30; 731.3; 21-NOV-2004 13:40:15; Dark ; 60.0; 2; Alp Car ;-0.74; 7000;occ; 120; 0;14264
31; 1033.1; 21-NOV-2004 13:45:17; Dark ; 84.5; 23; 21Eps CMa ; 1.50; 26000;occ; 169; 0;14264
32; 1218.4; 21-NOV-2004 13:48:22; Dark ; 41.0; 157; The1Eri ; 2.91; 9300;occ; 82; 0;14264

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/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDK20041121_135318_000057792032_00182_14264_1441.N1

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 11; -2937.2; 21-NOV-2004 14:19:42; Bright; 55.0; 42; 34Bet Aur ; 1.90; 10200;occ; 110; 0;14264
 12; -2616.0; 21-NOV-2004 14:25:04; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;14264
 13; -2345.1; 21-NOV-2004 14:29:34; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;14264
 14; -2214.0; 21-NOV-2004 14:31:46; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;14264
 15; -2078.2; 21-NOV-2004 14:34:01; Bright; 46.0; 82; 48Bet UMa ; 2.37; 10600;occ; 92; 0;14264
 16; -1990.0; 21-NOV-2004 14:35:29; Bright; 42.0; 87; 64Gam UMa ; 2.43; 11000;occ; 84; 0;14264
 17; -1824.7; 21-NOV-2004 14:38:15; Bright; 47.0; 174; 52Psi UMa ; 3.00; 4400;occ; 94; 0;14264
 18; -1699.7; 21-NOV-2004 14:40:20; Bright; 37.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 75; 0;14264
 19; -1566.4; 21-NOV-2004 14:42:33; Bright; 34.5; 83; ; 2.38; 11000;occ; 69; 0;14264
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 21; -1259.1; 21-NOV-2004 14:47:40; Bright; 56.0; 96; 68Del Leo ; 2.56; 9300;occ; 112; 0;14264
 22; -1088.1; 21-NOV-2004 14:50:31; Dark ; 111.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 223; 0;14264
 23; -736.7; 21-NOV-2004 14:56:23; Dark ; 143.5; 22; 32Alp Leo ; 1.36; 15200;occ; 287; 0;14264
 24; -222.7; 21-NOV-2004 15:04:57; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;14264
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 26; 4.8; 21-NOV-2004 15:08:44; Dark ; 51.5; 12; Alp1Cru ; 0.77; 30000;occ; 103; 0;14265
 27; 145.9; 21-NOV-2004 15:11:05; Dark ; 40.5; 124; The Car ; 2.76; 30000;occ; 81; 0;14265
 28; 296.1; 21-NOV-2004 15:13:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14265
 29; 402.1; 21-NOV-2004 15:15:22; Dark ; 45.5; 41; Eps Car ; 1.86; 4100;occ; 91; 0;14265
 30; 483.2; 21-NOV-2004 15:16:43; Dark ; 53.0; 34; Gam2Vel ; 1.79; 23000;occ; 106; 0;14265
 31; 731.6; 21-NOV-2004 15:20:51; Dark ; 60.0; 2; Alp Car ; -0.74; 7000;occ; 120; 0;14265
 32; 1035.9; 21-NOV-2004 15:25:55; Dark ; 80.0; 23; 21Eps CMa ; 1.50; 26000;occ; 160; 0;14265
 33; 1218.6; 21-NOV-2004 15:28:58; Dark ; 39.5; 157; The1Eri ; 2.91; 9300;occ; 79; 0;14265

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDE20041121_202244_000043302032_00186_14268_1196.N1

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

/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDE20041121_213333_000063812032_00186_14268_1197.N1

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 3; -221.3; 21-NOV-2004 21:47:22; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;14268
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 5; 5.8; 21-NOV-2004 21:51:09; Dark ; 44.0; 12; Alp1Cru ; 0.77; 30000;occ; 88; 0;14269
 6; 147.0; 21-NOV-2004 21:53:30; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14269

```

7; 299.5; 21-NOV-2004 21:56:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14269
8; 404.4; 21-NOV-2004 21:57:48; Dark ; 45.5; 41; Eps Car ; 1.86; 4100;occ; 91; 0;14269
9; 487.1; 21-NOV-2004 21:59:11; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;14269
10; 733.3; 21-NOV-2004 22:03:17; Dark ; 53.5; 2; Alp Car ; -0.74; 7000;occ; 107; 0;14269
11; 1039.7; 21-NOV-2004 22:08:23; Dark ; 81.5; 23; 21Eps CMA ; 1.50; 26000;occ; 163; 0;14269
12; 1219.7; 21-NOV-2004 22:11:23; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;14269
13; 1478.1; 21-NOV-2004 22:15:42; Dark ; 89.5; 47; 2Bet CMA ; 1.98; 28000;occ; 179; 0;14269
14; 1645.4; 21-NOV-2004 22:18:29; Dark ; 51.0; 165; 34Gam Eri ; 2.95; 3200;occ; 102; 0;14269
15; 1767.4; 21-NOV-2004 22:20:31; Dark ; 72.0; 7; 19Bet Ori ; 0.10; 14000;occ; 144; 0;14269
16; 2003.7; 21-NOV-2004 22:24:27; Dark ; 83.5; 30; 46Eps Ori ; 1.69; 30000;occ; 167; 0;14269
17; 2272.7; 21-NOV-2004 22:28:56; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14269
18; 2356.5; 21-NOV-2004 22:30:20; Bright; 44.0; 146; 25Eta Tau ; 2.87; 15200;occ; 88; 0;14269
19; 2502.7; 21-NOV-2004 22:32:46; Bright; 36.5; 173; 4Bet Tri ; 3.00; 8900;occ; 73; 0;14269
20; 2627.3; 21-NOV-2004 22:34:51; Bright; 36.5; 73; 57Gam1And ; 2.26; 13100;occ; 73; 0;14269
21; 2770.2; 21-NOV-2004 22:37:14; Bright; 39.5; 175; 39Del Per ; 3.01; 19400;occ; 79; 0;14269
22; 2905.4; 21-NOV-2004 22:39:29; Bright; 40.5; 68; 18Alp Cas ; 2.22; 4500;occ; 81; 0;14269
23; 2979.4; 21-NOV-2004 22:40:43; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;14269
24; 3093.1; 21-NOV-2004 22:42:37; Bright; 55.5; 42; 34Bet Aur ; 1.90; 10200;occ; 111; 0;14269
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26; 3690.6; 21-NOV-2004 22:52:34; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;14269
27; 3824.1; 21-NOV-2004 22:54:48; Bright; 36.0; 119; 14Eta Dra ; 2.73; 4700;occ; 72; 0;14269
28; 3956.1; 21-NOV-2004 22:57:00; Bright; 45.0; 82; 48Bet UMa ; 2.37; 10600;occ; 90; 0;14269
29; 4044.9; 21-NOV-2004 22:58:28; Bright; 43.0; 87; 64Gam UMa ; 2.43; 11000;occ; 86; 0;14269
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31; 4336.2; 21-NOV-2004 23:03:20; Bright; 38.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 77; 0;14269
32; 4470.0; 21-NOV-2004 23:05:33; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;14269
33; 4620.0; 21-NOV-2004 23:08:03; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;14269
34; 4779.6; 21-NOV-2004 23:10:43; Bright; 55.0; 96; 68Del Leo ; 2.56; 9300;occ; 110; 0;14269
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3; -63.6; 21-NOV-2004 23:30:36; Dark ; 40.5; 20; Bet Cru ; 1.25; 30000;occ; 81; 0;14269
4; 6.0; 21-NOV-2004 23:31:45; Dark ; 47.5; 12; Alp1Cru ; 0.77; 30000;occ; 95; 0;14270
5; 145.6; 21-NOV-2004 23:34:05; Dark ; 43.0; 124; The Car ; 2.76; 30000;occ; 86; 0;14270
6; 234.6; 21-NOV-2004 23:35:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14270
7; 319.4; 21-NOV-2004 23:36:59; Dark ; 38.0; 29; Bet Car ; 1.67; 10200;occ; 76; 0;14270
8; 405.1; 21-NOV-2004 23:38:24; Dark ; 45.5; 41; Eps Car ; 1.86; 4100;occ; 91; 0;14270
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11; 823.1; 21-NOV-2004 23:45:22; Dark ; 111.5; 132; 15Rho Pup ; 2.80; 6900;occ; 223; 0;14270
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13; 1219.9; 21-NOV-2004 23:51:59; Dark ; 39.5; 157; The1Eri ; 2.91; 9300;occ; 79; 0;14270
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16; 2002.4; 22-NOV-2004 00:05:02; Dark ; 84.5; 30; 46Eps Ori ; 1.69; 30000;occ; 169; 0;14270
17; 2273.2; 22-NOV-2004 00:09:33; Bright; 37.5; 105; 6Bet Ari ; 2.64; 8900;occ; 75; 0;14270
18; 2502.8; 22-NOV-2004 00:13:22; Bright; 36.0; 173; 4Bet Tri ; 3.00; 8900;occ; 72; 0;14270
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21; 2907.5; 22-NOV-2004 00:20:07; Bright; 39.5; 68; 18Alp Cas ; 2.22; 4500;occ; 79; 0;14270
22; 2979.7; 22-NOV-2004 00:21:19; Bright; 36.5; 74; 11Bet Cas ; 2.27; 6600;occ; 73; 0;14270
23; 3091.8; 22-NOV-2004 00:23:11; Bright; 59.5; 42; 34Bet Aur ; 1.90; 10200;occ; 119; 0;14270
24; 3419.8; 22-NOV-2004 00:28:39; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;14270
25; 3691.6; 22-NOV-2004 00:33:11; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;14270
26; 3824.2; 22-NOV-2004 00:35:23; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;14270
27; 3955.8; 22-NOV-2004 00:37:35; Bright; 45.0; 82; 48Bet UMa ; 2.37; 10600;occ; 90; 0;14270
28; 4045.1; 22-NOV-2004 00:39:04; Bright; 42.0; 87; 64Gam UMa ; 2.43; 11000;occ; 84; 0;14270
29; 4210.6; 22-NOV-2004 00:41:50; Bright; 46.0; 174; 52Psi UMa ; 3.00; 4400;occ; 92; 0;14270
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31; 4470.1; 22-NOV-2004 00:46:09; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;14270
32; 4620.2; 22-NOV-2004 00:48:39; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14270
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34; 4955.3; 22-NOV-2004 00:54:15; Dark ; 111.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 223; 0;14270
35; 5314.6; 22-NOV-2004 01:00:14; Dark ; 24.5; 22; 32Alp Leo ; 1.36; 15200;occ; 49; 0;14270
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8;-3534.1; 21-NOV-2004 15:50:22; Bright; 38.0; 173; 4Bet Tri ; 3.00; 8900;occ; 76; 0;14265
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13;-2937.4; 21-NOV-2004 16:00:18; Bright; 57.5; 42; 34Bet Aur ; 1.90; 10200;occ; 115; 0;14265
14;-2616.8; 21-NOV-2004 16:05:39; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;14265
15;-2345.7; 21-NOV-2004 16:10:10; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14265
16;-2213.3; 21-NOV-2004 16:12:22; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;14265
17;-2078.3; 21-NOV-2004 16:14:37; Bright; 41.5; 82; 48Bet UMA ; 2.37; 10600;occ; 83; 0;14265
18;-1989.5; 21-NOV-2004 16:16:06; Bright; 41.0; 87; 64Gam UMA ; 2.43; 11000;occ; 82; 0;14265
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23;-1258.3; 21-NOV-2004 16:28:17; Bright; 57.0; 96; 68Del Leo ; 2.56; 9300;occ; 114; 0;14265
24;-1086.6; 21-NOV-2004 16:31:09; Dark ; 103.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 207; 0;14265
25; -734.2; 21-NOV-2004 16:37:01; Dark ; 131.0; 22; 32Alp Leo ; 1.36; 15200;occ; 262; 0;14265
26; -222.5; 21-NOV-2004 16:45:33; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;14265
27; -63.8; 21-NOV-2004 16:48:12; Dark ; 42.0; 20; Bet Cru ; 1.25; 30000;occ; 84; 0;14265
28; 4.5; 21-NOV-2004 16:49:20; Dark ; 47.5; 12; Alp1Cru ; 0.77; 30000;occ; 95; 0;14266
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31; 403.0; 21-NOV-2004 16:55:59; Dark ; 50.0; 41; Eps Car ; 1.86; 4100;occ; 100; 0;14266
32; 484.2; 21-NOV-2004 16:57:20; Dark ; 56.0; 34; Gam2Vel ; 1.79; 23000;occ; 112; 0;14266
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3;-4559.3; 21-NOV-2004 17:13:52; Dark ; 89.5; 47; 2Bet CMA ; 1.98; 28000;occ; 179; 0;14266
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13;-3057.1; 21-NOV-2004 17:38:54; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;14266
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27; -221.7; 21-NOV-2004 18:26:10; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;14266
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31; 297.7; 21-NOV-2004 18:34:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14267
32; 403.7; 21-NOV-2004 18:36:35; Dark ; 43.5; 41; Eps Car ; 1.86; 4100;occ; 87; 0;14267
33; 485.2; 21-NOV-2004 18:37:57; Dark ; 54.0; 34; Gam2Vel ; 1.79; 23000;occ; 108; 0;14267
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9;-3532.6; 21-NOV-2004 19:11:35; Bright; 37.0; 173; 4Bet Tri ; 3.00; 8900;occ; 74; 0;14267
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13;-3056.7; 21-NOV-2004 19:19:31; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;14267
14;-2941.4; 21-NOV-2004 19:21:26; Bright; 56.5; 42; 34Bet Aur ; 1.90; 10200;occ; 113; 0;14267
15;-2615.5; 21-NOV-2004 19:26:52; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;14267
16;-2344.2; 21-NOV-2004 19:31:23; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;14267
17;-2212.7; 21-NOV-2004 19:33:35; Bright; 35.5; 119; 14Eta Dra ; 2.73; 4700;occ; 71; 0;14267
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27;-221.4; 21-NOV-2004 20:06:46; Dark ; 37.5; 64; Gam Cen ; 2.20; 10600;occ; 75; 0;14267
28;-62.8; 21-NOV-2004 20:09:25; Dark ; 40.5; 20; Bet Cru ; 1.25; 30000;occ; 81; 0;14267
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31; 298.6; 21-NOV-2004 20:15:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14268
32; 404.2; 21-NOV-2004 20:17:12; Dark ; 46.0; 41; Eps Car ; 1.86; 4100;occ; 92; 0;14268
33; 486.8; 21-NOV-2004 20:18:34; Dark ; 53.0; 34; Gam2Vel ; 1.79; 23000;occ; 106; 0;14268
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2; -63.4; 22-NOV-2004 01:11:12; Dark ; 45.5; 20; Bet Cru ; 1.25; 30000;occ; 91; 0;14270
3; 5.6; 22-NOV-2004 01:12:21; Dark ; 51.0; 12; Alp1Cru ; 0.77; 30000;occ; 102; 0;14271
4; 147.5; 22-NOV-2004 01:14:43; Dark ; 41.0; 124; The Car ; 2.76; 30000;occ; 82; 0;14271
5; 234.9; 22-NOV-2004 01:16:10; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14271
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6;-1700.0; 22-NOV-2004 02:24:31; Bright; 38.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 77; 0;14271
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8;-1415.4; 22-NOV-2004 02:29:16; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;14271
9;-1255.6; 22-NOV-2004 02:31:55; Bright; 57.5; 96; 68Del Leo ; 2.56; 9300;occ; 115; 0;14271

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32; 1221.2; 22-NOV-2004 13:16:48; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14278
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6;-1742.3; 23-NOV-2004 03:32:48; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;14286
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8;-1412.2; 23-NOV-2004 03:38:18; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;14286
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12; -215.8; 23-NOV-2004 03:58:14; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;14286
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23; 1223.1; 23-NOV-2004 04:22:13; Dark ; 40.5; 157; The1Eri ; 2.91; 9300;occ; 81; 0;14287
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32; 2986.0; 23-NOV-2004 04:51:36; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;14287
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13; 2988.7; 23-NOV-2004 21:37:38; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;14297

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 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
 28; 4130.9; 23-NOV-2004 23:37:16; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;14298
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 31; 4625.8; 23-NOV-2004 23:45:31; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;14298
 32; 4795.2; 23-NOV-2004 23:48:21; Bright; 57.5; 96; 68Del Leo ; 2.56; 9300;occ; 115; 0;14298
 33; 4993.0; 23-NOV-2004 23:51:38; Dark ; 120.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 240; 0;14298

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 3; -142.3; 24-NOV-2004 00:06:39; Dark ; 47.0; 99; Del Cen ; 2.58; 26000;occ; 94; 0;14298
 4; -57.1; 24-NOV-2004 00:08:04; Dark ; 39.5; 20; Bet Cru ; 1.25; 30000;occ; 79; 0;14298
 5; 12.5; 24-NOV-2004 00:09:14; Dark ; 45.5; 12; Alp1Cru ; 0.77; 30000;occ; 91; 0;14299
 6; 159.4; 24-NOV-2004 00:11:41; Dark ; 40.5; 124; The Car ; 2.76; 30000;occ; 81; 0;14299
 7; 325.2; 24-NOV-2004 00:14:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14299
 8; 422.9; 24-NOV-2004 00:16:04; Dark ; 51.0; 41; Eps Car ; 1.86; 4100;occ; 102; 0;14299
 9; 516.0; 24-NOV-2004 00:17:37; Dark ; 51.0; 34; Gam2Vel ; 1.79; 23000;occ; 102; 0;14299
 10; 749.4; 24-NOV-2004 00:21:31; Dark ; 53.0; 2; Alp Car ; -0.74; 7000;occ; 106; 0;14299
 11; 879.7; 24-NOV-2004 00:23:41; Dark ; 109.0; 132; 15Rho Pup ; 2.80; 6900;occ; 218; 0;14299
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 14; 1517.0; 24-NOV-2004 00:34:18; Dark ; 128.0; 1; 9Alp CMA ; -1.44; 11000;occ; 256; 0;14299
 15; 1761.9; 24-NOV-2004 00:38:23; Dark ; 77.5; 7; 19Bet Ori ; 0.10; 14000;occ; 155; 0;14299
 16; 1981.8; 24-NOV-2004 00:42:03; Dark ; 77.5; 30; 46Eps Ori ; 1.69; 30000;occ; 155; 0;14299
 17; 2275.4; 24-NOV-2004 00:46:57; Bright; 40.5; 105; 6Bet Ari ; 2.64; 8900;occ; 81; 0;14299
 18; 2505.4; 24-NOV-2004 00:50:47; Bright; 36.5; 173; 4Bet Tri ; 3.00; 8900;occ; 73; 0;14299
 19; 2612.5; 24-NOV-2004 00:52:34; Bright; 40.5; 79; 26Bet Per ; 2.31; 13100;occ; 81; 0;14299
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 22; 2988.6; 24-NOV-2004 00:58:50; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;14299

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28; 4130.9; 24-NOV-2004 01:17:52; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;14299
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31; 4626.2; 24-NOV-2004 01:26:07; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;14299
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7; -3531.7; 23-NOV-2004 18:08:22; Bright; 37.0; 173; 4Bet Tri ; 3.00; 8900;occ; 74; 0;14295
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14; -2205.4; 23-NOV-2004 18:30:28; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;14295
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16; -1995.3; 23-NOV-2004 18:33:58; Bright; 42.5; 87; 64Gam UMa ; 2.43; 11000;occ; 85; 0;14295
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21; -1242.8; 23-NOV-2004 18:46:31; Bright; 61.0; 96; 68Del Leo ; 2.56; 9300;occ; 122; 0;14295
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27; 12.5; 23-NOV-2004 19:07:26; Dark ; 43.5; 12; Alp1Cru ; 0.77; 30000;occ; 87; 0;14296
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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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9; -3422.3; 23-NOV-2004 19:50:47; Bright; 38.5; 79; 26Bet Per ; 2.31; 13100;occ; 77; 0;14296
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13; -2616.1; 23-NOV-2004 20:04:13; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;14296
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 32; 513.6; 23-NOV-2004 20:56:23; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;14297
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/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDE20041125_040010_000057992032_00233_14315_1238.N1

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14; 1227.5; 24-NOV-2004 22:17:16; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;14312
15; 1518.1; 24-NOV-2004 22:22:07; Dark ; 121.0; 1; 9Alp CMA ; -1.44; 11000;occ; 242; 0;14312
16; 1759.2; 24-NOV-2004 22:26:08; Dark ; 73.5; 7; 19Bet Ori ; 0.10; 14000;occ; 147; 0;14312
17; 1973.0; 24-NOV-2004 22:29:41; Dark ; 75.0; 30; 46Eps Ori ; 1.69; 30000;occ; 150; 0;14312
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22; 2919.0; 24-NOV-2004 22:45:27; Bright; 40.5; 68; 18Alp Cas ; 2.22; 4500;occ; 81; 0;14312
23; 2993.2; 24-NOV-2004 22:46:42; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;14312
24; 3419.2; 24-NOV-2004 22:53:48; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;14312
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26; 3833.5; 24-NOV-2004 23:00:42; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;14312
27; 3944.0; 24-NOV-2004 23:02:32; Bright; 45.5; 82; 48Bet UMa ; 2.37; 10600;occ; 91; 0;14312
28; 4037.8; 24-NOV-2004 23:04:06; Bright; 40.0; 55; 79Zet UMa ; 2.06; 10200;occ; 80; 0;14312
29; 4129.5; 24-NOV-2004 23:05:38; Bright; 40.5; 39; 85Eta UMa ; 1.85; 24000;occ; 81; 0;14312
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31; 4477.0; 24-NOV-2004 23:11:25; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;14312
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13; 1081.0; 24-NOV-2004 23:55:25; Dark ; 74.0; 23; 21Eps CMA ; 1.50; 26000;occ; 148; 0;14313
14; 1227.4; 24-NOV-2004 23:57:52; Dark ; 42.0; 157; The1Eri ; 2.91; 9300;occ; 84; 0;14313
15; 1518.6; 25-NOV-2004 00:02:43; Dark ; 116.5; 1; 9Alp CMA ; -1.44; 11000;occ; 233; 0;14313
16; 1757.4; 25-NOV-2004 00:06:42; Dark ; 77.0; 7; 19Bet Ori ; 0.10; 14000;occ; 154; 0;14313
17; 1972.4; 25-NOV-2004 00:10:17; Dark ; 80.0; 30; 46Eps Ori ; 1.69; 30000;occ; 160; 0;14313

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23; 2994.2; 25-NOV-2004 00:27:18; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;14313
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29; 4132.0; 25-NOV-2004 00:46:16; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;14313
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32; 4627.8; 25-NOV-2004 00:54:32; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;14313
33; 4803.9; 25-NOV-2004 00:57:28; Bright; 85.0; 96; 68Del Leo ; 2.56; 9300;occ; 170; 0;14313
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 6; 271.1; 25-NOV-2004 21:29:43; Dark ; 39.0; 159; Ups Car ; 2.92; 7200;occ; 78; 0;14326
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 9; 540.9; 25-NOV-2004 21:34:12; Dark ; 52.5; 34; Gam2Vel ; 1.79; 23000;occ; 105; 0;14326
10; 633.1; 25-NOV-2004 21:35:45; Dark ; 59.5; 70; Zet Pup ; 2.25; 39000;occ; 119; 0;14326
11; 766.8; 25-NOV-2004 21:37:58; Dark ; 53.0; 2; Alp Car ;-0.74; 7000;occ; 106; 0;14326
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13; 1092.9; 25-NOV-2004 21:43:24; Dark ; 70.5; 23; 21Eps CMa ; 1.50; 26000;occ; 141; 0;14326
14; 1227.9; 25-NOV-2004 21:45:39; Dark ; 79.5; 179; 240mi2CMa ; 3.03; 24000;occ; 159; 0;14326
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24; 2998.7; 25-NOV-2004 22:15:10; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;14326
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12; 1093.8; 25-NOV-2004 23:24:01; Dark ; 74.5; 23; 21Eps CMa ; 1.50; 26000;occ; 149; 0;14327
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25; -129.1; 25-NOV-2004 16:21:14; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;14322
26; -51.3; 25-NOV-2004 16:22:32; Dark ; 46.0; 20; Bet Cru ; 1.25; 30000;occ; 92; 0;14322
27; 17.0; 25-NOV-2004 16:23:41; Dark ; 42.5; 12; Alp1Cru ; 0.77; 30000;occ; 85; 0;14323
28; 170.1; 25-NOV-2004 16:26:14; Dark ; 41.0; 124; The Car ; 2.76; 30000;occ; 82; 0;14323
29; 345.7; 25-NOV-2004 16:29:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14323
30; 438.3; 25-NOV-2004 16:30:42; Dark ; 48.5; 41; Eps Car ; 1.86; 4100;occ; 97; 0;14323
31; 538.2; 25-NOV-2004 16:32:22; Dark ; 52.5; 34; Gam2Vel ; 1.79; 23000;occ; 105; 0;14323
32; 628.0; 25-NOV-2004 16:33:52; Dark ; 62.5; 70; Zet Pup ; 2.25; 39000;occ; 125; 0;14323
33; 766.1; 25-NOV-2004 16:36:10; Dark ; 58.5; 2; Alp Car ;-0.74; 7000;occ; 117; 0;14323
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3;-4515.7; 25-NOV-2004 16:48:44; Dark ; 118.5; 1; 9Alp CMa ;-1.44; 11000;occ; 237; 0;14323
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5;-4069.1; 25-NOV-2004 16:56:11; Dark ; 71.5; 30; 46Eps Ori ; 1.69; 30000;occ; 143; 0;14323
6;-3894.2; 25-NOV-2004 16:59:05; Dark ; 76.0; 27; 24Gam Ori ; 1.64; 26000;occ; 152; 0;14323
7;-3753.9; 25-NOV-2004 17:01:26; Bright; 39.0; 105; 6Bet Ari ; 2.64; 8900;occ; 78; 0;14323
8;-3530.9; 25-NOV-2004 17:05:09; Bright; 41.5; 173; 4Bet Tri ; 3.00; 8900;occ; 83; 0;14323
9;-3426.3; 25-NOV-2004 17:06:53; Bright; 39.0; 79; 26Bet Per ; 2.31; 13100;occ; 78; 0;14323
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13;-2618.6; 25-NOV-2004 17:20:21; Bright; 41.0; 49; 1Alp UMi ; 1.99; 6300;occ; 82; 0;14323
14;-2340.4; 25-NOV-2004 17:24:59; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;14323
15;-2199.4; 25-NOV-2004 17:27:20; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;14323
16;-2095.1; 25-NOV-2004 17:29:04; Bright; 43.0; 82; 48Bet UMa ; 2.37; 10600;occ; 86; 0;14323
17;-1997.9; 25-NOV-2004 17:30:42; Bright; 39.0; 55; 79Zet UMa ; 2.06; 10200;occ; 78; 0;14323
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19;-1729.7; 25-NOV-2004 17:35:10; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 46;14323
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21;-1406.9; 25-NOV-2004 17:40:33; Bright; 37.0; 3; 16Alp Boo ;-0.05; 4250;occ; 74; 0;14323
22;-1225.7; 25-NOV-2004 17:43:34; Bright; 61.0; 96; 68Del Leo ; 2.56; 9300;occ; 122; 0;14323
23;-1002.3; 25-NOV-2004 17:47:17; Dark ; 151.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 303; 0;14323
24; -630.5; 25-NOV-2004 17:53:29; Dark ; 47.5; 100; 4Gam Crv ; 2.58; 13100;occ; 95; 0;14323
25; -536.9; 25-NOV-2004 17:55:03; Dark ; 50.0; 171; 2Eps Crv ; 3.00; 4250;occ; 100; 0;14323
26; -203.2; 25-NOV-2004 18:00:36; Dark ; 39.5; 64; Gam Cen ; 2.20; 10600;occ; 79; 0;14323
27; -128.7; 25-NOV-2004 18:01:51; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;14323
28; -51.1; 25-NOV-2004 18:03:08; Dark ; 43.0; 20; Bet Cru ; 1.25; 30000;occ; 86; 0;14323
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31; 346.5; 25-NOV-2004 18:09:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14324
32; 438.9; 25-NOV-2004 18:11:18; Dark ; 47.5; 41; Eps Car ; 1.86; 4100;occ; 95; 0;14324
33; 538.8; 25-NOV-2004 18:12:58; Dark ; 51.0; 34; Gam2Vel ; 1.79; 23000;occ; 102; 0;14324
34; 629.1; 25-NOV-2004 18:14:29; Dark ; 58.5; 70; Zet Pup ; 2.25; 39000;occ; 117; 0;14324
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23;-1000.5; 25-NOV-2004 19:27:55; Dark ; 137.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 274; 0;14324
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25;-536.2; 25-NOV-2004 19:35:39; Dark ; 48.0; 171; 2Eps Crv ; 3.00; 4250;occ; 96; 0;14324
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27;-128.9; 25-NOV-2004 19:42:27; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;14324
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31; 270.2; 25-NOV-2004 19:49:06; Dark ; 41.0; 159; Ups Car ; 2.92; 7200;occ; 82; 0;14325
32; 347.4; 25-NOV-2004 19:50:23; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14325
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35; 631.9; 25-NOV-2004 19:55:07; Dark ; 59.0; 70; Zet Pup ; 2.25; 39000;occ; 118; 0;14325
36; 766.8; 25-NOV-2004 19:57:22; Dark ; 49.5; 2; Alp Car ;-0.74; 7000;occ; 99; 0;14325
37; 854.4; 25-NOV-2004 19:58:50; Dark ; 1.5; 117; Pi Pup ; 2.71; 3800;occ; 3; 0;14325
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 3; 170.4; 26-NOV-2004 00:49:14; Dark ; 43.0; 124; The Car ; 2.76; 30000;occ; 86; 0;14328
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 8; 635.2; 26-NOV-2004 00:56:58; Dark ; 59.0; 70; Zet Pup ; 2.25; 39000;occ; 118; 0;14328
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31; 4630.6; 26-NOV-2004 02:03:34; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;14328
32; 4813.9; 26-NOV-2004 02:06:37; Bright; 61.0; 96; 68Del Leo ; 2.56; 9300;occ; 122; 0;14328
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 5;-1902.4; 26-NOV-2004 06:57:05; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;14331

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8;-1404.3; 26-NOV-2004 07:05:23; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;14331
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12; -530.4; 26-NOV-2004 07:19:57; Dark ; 52.0; 171; 2Eps Crv ; 3.00; 4250;occ; 104; 0;14331
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16; 175.3; 26-NOV-2004 07:31:42; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14332
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/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDK20041126_075534_000060772032_00250_14332_1484.N1

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13;-2194.1; 26-NOV-2004 08:32:49; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;14332
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/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDK20041126_093650_000059592032_00251_14333_1485.N1

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27; 176.3; 26-NOV-2004 15:54:43; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14337
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1;-4933.2; 26-NOV-2004 17:50:45; Dark ; 73.5; 23; 21Eps CMA ; 1.50; 26000;occ; 147; 0;14338
2;-4799.7; 26-NOV-2004 17:52:59; Dark ; 80.0; 179; 240mi2CMA ; 3.03; 24000;occ; 160; 0;14338
3;-4513.8; 26-NOV-2004 17:57:45; Dark ; 112.0; 1; 9Alp CMA ;-1.44; 11000;occ; 224; 0;14338
4;-4280.2; 26-NOV-2004 18:01:38; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;14338
5;-4077.8; 26-NOV-2004 18:05:01; Dark ; 72.5; 30; 46Eps Ori ; 1.69; 30000;occ; 145; 0;14338
6;-3905.7; 26-NOV-2004 18:07:53; Dark ; 66.5; 27; 24Gam Ori ; 1.64; 26000;occ; 133; 0;14338
7;-3750.0; 26-NOV-2004 18:10:29; Bright; 39.5; 105; 6Bet Ari ; 2.64; 8900;occ; 79; 0;14338
8;-3529.1; 26-NOV-2004 18:14:09; Bright; 39.5; 173; 4Bet Tri ; 3.00; 8900;occ; 79; 0;14338
9;-3428.7; 26-NOV-2004 18:15:50; Bright; 38.5; 79; 26Bet Per ; 2.31; 13100;occ; 77; 0;14338
10;-3286.6; 26-NOV-2004 18:18:12; Bright; 38.5; 175; 39Del Per ; 3.01; 19400;occ; 77; 0;14338
11;-3107.8; 26-NOV-2004 18:21:11; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;14338
12;-3032.5; 26-NOV-2004 18:22:26; Bright; 36.5; 74; 11Bet Cas ; 2.27; 6600;occ; 73; 0;14338
13;-2616.8; 26-NOV-2004 18:29:22; Bright; 39.5; 49; 1Alp UMi ; 1.99; 6300;occ; 79; 0;14338
14;-2340.1; 26-NOV-2004 18:33:58; Bright; 40.5; 60; 7Bet UMi ; 2.08; 3950;occ; 81; 0;14338
15;-2197.5; 26-NOV-2004 18:36:21; Bright; 44.5; 36; 50Alp UMa ; 1.80; 6300;occ; 89; 0;14338
16;-2100.7; 26-NOV-2004 18:37:58; Bright; 46.0; 82; 48Bet UMa ; 2.37; 10600;occ; 92; 0;14338
17;-1997.5; 26-NOV-2004 18:39:41; Bright; 39.0; 55; 79Zet UMa ; 2.06; 10200;occ; 78; 0;14338
18;-1901.9; 26-NOV-2004 18:41:17; Bright; 39.0; 39; 85Eta UMa ; 1.85; 24000;occ; 78; 0;14338
19;-1733.2; 26-NOV-2004 18:44:05; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;14338
20;-1554.6; 26-NOV-2004 18:47:04; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;14338
21;-1404.1; 26-NOV-2004 18:49:34; Bright; 36.5; 3; 16Alp Boo ;-0.05; 4250;occ; 73; 0;14338
22;-1151.9; 26-NOV-2004 18:53:47; Bright; 56.0; 62; 94Bet Leo ; 2.14; 9700;occ; 112; 0;14338
23;-973.2; 26-NOV-2004 18:56:45; Dark ; 158.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 317; 0;14338
24;-669.7; 26-NOV-2004 19:01:49; Dark ; 44.5; 163; 7Del Crv ; 2.94; 11000;occ; 89; 0;14338
25;-569.8; 26-NOV-2004 19:03:29; Dark ; 48.0; 106; 9Bet Crv ; 2.65; 5600;occ; 96; 0;14338
26;-440.1; 26-NOV-2004 19:05:38; Dark ; 255.0; 22; 32Alp Leo ; 1.36; 15200;occ; 510; 0;14338
27;-80.2; 26-NOV-2004 19:11:38; Dark ; 49.5; 10; Bet Cen ; 0.61; 28000;occ; 99; 0;14338
28; 23.1; 26-NOV-2004 19:13:22; Dark ; 42.0; 12; Alp1Cru ; 0.77; 30000;occ; 84; 0;14339
29; 175.2; 26-NOV-2004 19:15:54; Dark ; 42.0; 124; The Car ; 2.76; 30000;occ; 84; 0;14339
30; 277.1; 26-NOV-2004 19:17:36; Dark ; 39.5; 159; Ups Car ; 2.92; 7200;occ; 79; 0;14339
31; 359.3; 26-NOV-2004 19:18:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14339
32; 448.7; 26-NOV-2004 19:20:27; Dark ; 43.0; 41; Eps Car ; 1.86; 4100;occ; 86; 0;14339
33; 551.9; 26-NOV-2004 19:22:10; Dark ; 51.0; 34; Gam2Vel ; 1.79; 23000;occ; 102; 0;14339
34; 647.6; 26-NOV-2004 19:23:46; Dark ; 58.0; 70; Zet Pup ; 2.25; 39000;occ; 116; 0;14339
35; 774.1; 26-NOV-2004 19:25:53; Dark ; 53.0; 2; Alp Car ;-0.74; 7000;occ; 106; 0;14339
36; 867.6; 26-NOV-2004 19:27:26; Dark ; 71.0; 117; Pi Pup ; 2.71; 3800;occ; 142; 0;14339
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2;-4932.6; 26-NOV-2004 19:31:22; Dark ; 75.5; 23; 21Eps CMa ; 1.50; 26000;occ; 151; 0;14339
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4;-4513.4; 26-NOV-2004 19:38:21; Dark ; 112.0; 1; 9Alp CMa ; -1.44; 11000;occ; 224; 0;14339
5;-4279.4; 26-NOV-2004 19:42:15; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;14339
6;-4077.7; 26-NOV-2004 19:45:37; Dark ; 69.0; 30; 46Eps Ori ; 1.69; 30000;occ; 138; 0;14339
7;-3905.9; 26-NOV-2004 19:48:29; Dark ; 73.5; 27; 24Gam Ori ; 1.64; 26000;occ; 147; 0;14339
8;-3749.7; 26-NOV-2004 19:51:05; Bright; 38.0; 105; 6Bet Ari ; 2.64; 8900;occ; 76; 0;14339
9;-3529.0; 26-NOV-2004 19:54:45; Bright; 40.5; 173; 4Bet Tri ; 3.00; 8900;occ; 81; 0;14339
10;-3428.2; 26-NOV-2004 19:56:26; Bright; 38.5; 79; 26Bet Per ; 2.31; 13100;occ; 77; 0;14339
11;-3287.0; 26-NOV-2004 19:58:47; Bright; 39.0; 175; 39Del Per ; 3.01; 19400;occ; 78; 0;14339
12;-3107.7; 26-NOV-2004 20:01:47; Bright; 39.0; 68; 18Alp Cas ; 2.22; 4500;occ; 78; 0;14339
13;-3033.1; 26-NOV-2004 20:03:01; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;14339
14;-2616.9; 26-NOV-2004 20:09:58; Bright; 39.0; 49; 1Alp UMi ; 1.99; 6300;occ; 78; 0;14339
15;-2339.4; 26-NOV-2004 20:14:35; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;14339
16;-2197.8; 26-NOV-2004 20:16:57; Bright; 46.5; 36; 50Alp UMa ; 1.80; 6300;occ; 93; 0;14339
17;-2100.9; 26-NOV-2004 20:18:34; Bright; 46.5; 82; 48Bet UMa ; 2.37; 10600;occ; 93; 0;14339
18;-1997.5; 26-NOV-2004 20:20:17; Bright; 50.5; 55; 79Zet UMa ; 2.06; 10200;occ; 101; 0;14339
19;-1901.7; 26-NOV-2004 20:21:53; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;14339
20;-1733.7; 26-NOV-2004 20:24:41; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;14339
21;-1553.7; 26-NOV-2004 20:27:41; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;14339
22;-1403.3; 26-NOV-2004 20:30:11; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;14339
23;-1150.8; 26-NOV-2004 20:34:24; Bright; 53.5; 62; 94Bet Leo ; 2.14; 9700;occ; 107; 0;14339
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25;-670.1; 26-NOV-2004 20:42:24; Dark ; 44.5; 163; 7Del Crv ; 2.94; 11000;occ; 89; 0;14339
26;-570.2; 26-NOV-2004 20:44:04; Dark ; 51.5; 106; 9Bet Crv ; 2.65; 5600;occ; 103; 0;14339
27;-433.1; 26-NOV-2004 20:46:21; Dark ; 255.0; 22; 32Alp Leo ; 1.36; 15200;occ; 510; 0;14339
28;-80.0; 26-NOV-2004 20:52:14; Dark ; 44.0; 10; Bet Cen ; 0.61; 28000;occ; 88; 0;14339
29; 21.6; 26-NOV-2004 20:53:56; Dark ; 47.0; 12; Alp1Cru ; 0.77; 30000;occ; 94; 0;14340
30; 175.5; 26-NOV-2004 20:56:30; Dark ; 42.5; 124; The Car ; 2.76; 30000;occ; 85; 0;14340
31; 277.5; 26-NOV-2004 20:58:12; Dark ; 39.5; 159; Ups Car ; 2.92; 7200;occ; 79; 0;14340
32; 360.2; 26-NOV-2004 20:59:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14340
33; 448.9; 26-NOV-2004 21:01:03; Dark ; 44.0; 41; Eps Car ; 1.86; 4100;occ; 88; 0;14340
34; 553.5; 26-NOV-2004 21:02:48; Dark ; 55.5; 34; Gam2Vel ; 1.79; 23000;occ; 111; 0;14340
35; 648.6; 26-NOV-2004 21:04:23; Dark ; 59.5; 70; Zet Pup ; 2.25; 39000;occ; 119; 0;14340
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3; -197.2; 27-NOV-2004 00:11:29; Dark ; 39.5; 64; Gam Cen ; 2.20; 10600;occ; 79; 0;14341
4; -79.6; 27-NOV-2004 00:13:27; Dark ; 43.5; 10; Bet Cen ; 0.61; 28000;occ; 87; 0;14341
5; 24.5; 27-NOV-2004 00:15:11; Dark ; 41.0; 12; Alp1Cru ; 0.77; 30000;occ; 82; 0;14342
6; 176.5; 27-NOV-2004 00:17:43; Dark ; 43.0; 124; The Car ; 2.76; 30000;occ; 86; 0;14342
7; 278.6; 27-NOV-2004 00:19:25; Dark ; 41.0; 159; Ups Car ; 2.92; 7200;occ; 82; 0;14342
8; 361.9; 27-NOV-2004 00:20:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14342
9; 449.5; 27-NOV-2004 00:22:16; Dark ; 50.0; 41; Eps Car ; 1.86; 4100;occ; 100; 0;14342
10; 555.3; 27-NOV-2004 00:24:01; Dark ; 51.5; 34; Gam2Vel ; 1.79; 23000;occ; 103; 0;14342
11; 651.5; 27-NOV-2004 00:25:38; Dark ; 58.5; 70; Zet Pup ; 2.25; 39000;occ; 117; 0;14342
12; 775.7; 27-NOV-2004 00:27:42; Dark ; 49.5; 2; Alp Car ; -0.74; 7000;occ; 99; 0;14342
13; 870.4; 27-NOV-2004 00:29:17; Dark ; 62.0; 117; Pi Pup ; 2.71; 3800;occ; 124; 0;14342
14; 1106.3; 27-NOV-2004 00:33:12; Dark ; 75.5; 23; 21Eps CMa ; 1.50; 26000;occ; 151; 0;14342
15; 1240.0; 27-NOV-2004 00:35:26; Dark ; 81.5; 179; 240mi2CMa ; 3.03; 24000;occ; 163; 0;14342
16; 1523.0; 27-NOV-2004 00:40:09; Dark ; 125.0; 1; 9Alp CMa ; -1.44; 11000;occ; 250; 0;14342
17; 1756.2; 27-NOV-2004 00:44:02; Dark ; 64.5; 7; 19Bet Ori ; 0.10; 14000;occ; 129; 0;14342
18; 1956.7; 27-NOV-2004 00:47:23; Dark ; 73.0; 30; 46Eps Ori ; 1.69; 30000;occ; 146; 0;14342
19; 2128.2; 27-NOV-2004 00:50:14; Dark ; 68.0; 27; 24Gam Ori ; 1.64; 26000;occ; 136; 0;14342
20; 2287.0; 27-NOV-2004 00:52:53; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14342
21; 2482.5; 27-NOV-2004 00:56:09; Bright; 41.5; 150; 44Zet Per ; 2.89; 28000;occ; 83; 0;14342
22; 2606.8; 27-NOV-2004 00:58:13; Bright; 39.5; 79; 26Bet Per ; 2.31; 13100;occ; 79; 0;14342
23; 2747.8; 27-NOV-2004 01:00:34; Bright; 38.5; 175; 39Del Per ; 3.01; 19400;occ; 77; 0;14342
24; 2929.5; 27-NOV-2004 01:03:36; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;14342
25; 3005.1; 27-NOV-2004 01:04:51; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;14342
26; 3419.0; 27-NOV-2004 01:11:45; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;14342
27; 3696.6; 27-NOV-2004 01:16:23; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;14342
28; 3837.3; 27-NOV-2004 01:18:43; Bright; 45.5; 36; 50Alp UMa ; 1.80; 6300;occ; 91; 0;14342
29; 3934.7; 27-NOV-2004 01:20:21; Bright; 46.0; 82; 48Bet UMa ; 2.37; 10600;occ; 92; 0;14342
30; 4038.8; 27-NOV-2004 01:22:05; Bright; 39.0; 55; 79Zet UMa ; 2.06; 10200;occ; 78; 0;14342
31; 4134.6; 27-NOV-2004 01:23:41; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;14342
32; 4303.1; 27-NOV-2004 01:26:29; Bright; 52.0; 180; 27Gam Boo ; 3.04; 8000;occ; 104; 0;14342

```

```

33; 4483.4; 27-NOV-2004 01:29:30; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;14342
34; 4633.1; 27-NOV-2004 01:31:59; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;14342
35; 4822.8; 27-NOV-2004 01:35:09; Bright; 62.5; 96; 68Del Leo ; 2.56; 9300;occ; 125; 0;14342
36; 5071.3; 27-NOV-2004 01:39:17; Dark ; 159.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 319; 0;14342
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2; -667.6; 27-NOV-2004 01:44:14; Dark ; 48.5; 163; 7Del Crv ; 2.94; 11000;occ; 97; 0;14342
3; -567.9; 27-NOV-2004 01:45:54; Dark ; 50.0; 106; 9Bet Crv ; 2.65; 5600;occ; 100; 0;14342
4; -195.9; 27-NOV-2004 01:52:06; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;14342
5; -80.0; 27-NOV-2004 01:54:02; Dark ; 41.5; 10; Bet Cen ; 0.61; 28000;occ; 83; 0;14342
6; 25.3; 27-NOV-2004 01:55:47; Dark ; 41.0; 12; Alp1Cru ; 0.77; 30000;occ; 82; 0;14343
7; 177.0; 27-NOV-2004 01:58:19; Dark ; 42.0; 124; The Car ; 2.76; 30000;occ; 84; 0;14343
8; 279.0; 27-NOV-2004 02:00:01; Dark ; 39.5; 159; Ups Car ; 2.92; 7200;occ; 79; 0;14343
9; 362.8; 27-NOV-2004 02:01:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14343
10; 450.3; 27-NOV-2004 02:02:52; Dark ; 46.5; 41; Eps Car ; 1.86; 4100;occ; 93; 0;14343
11; 556.2; 27-NOV-2004 02:04:38; Dark ; 55.0; 34; Gam2Vel ; 1.79; 23000;occ; 110; 0;14343
12; 652.1; 27-NOV-2004 02:06:14; Dark ; 58.5; 70; Zet Pup ; 2.25; 39000;occ; 117; 0;14343
13; 774.6; 27-NOV-2004 02:08:17; Dark ; 52.5; 2; Alp Car ;-0.74; 7000;occ; 105; 0;14343
14; 871.7; 27-NOV-2004 02:09:54; Dark ; 62.5; 117; Pi Pup ; 2.71; 3800;occ; 125; 0;14343
15; 1106.6; 27-NOV-2004 02:13:49; Dark ; 72.0; 23; 21Eps CMa ; 1.50; 26000;occ; 144; 0;14343
16; 1240.7; 27-NOV-2004 02:16:03; Dark ; 77.5; 179; 240mi2CMa ; 3.03; 24000;occ; 155; 0;14343
17; 1523.1; 27-NOV-2004 02:20:45; Dark ; 117.0; 1; 9Alp CMa ;-1.44; 11000;occ; 234; 0;14343
18; 1756.4; 27-NOV-2004 02:24:38; Dark ; 72.0; 7; 19Bet Ori ; 0.10; 14000;occ; 144; 0;14343
19; 1956.0; 27-NOV-2004 02:27:58; Dark ; 69.5; 30; 46Eps Ori ; 1.69; 30000;occ; 139; 0;14343
20; 2127.2; 27-NOV-2004 02:30:49; Dark ; 66.5; 27; 24Gam Ori ; 1.64; 26000;occ; 133; 0;14343
21; 2287.1; 27-NOV-2004 02:33:29; Bright; 38.5; 105; 6Bet Ari ; 2.64; 8900;occ; 77; 0;14343
22; 2481.6; 27-NOV-2004 02:36:44; Bright; 43.0; 150; 44Zet Per ; 2.89; 28000;occ; 86; 0;14343
23; 2606.7; 27-NOV-2004 02:38:49; Bright; 39.5; 79; 26Bet Per ; 2.31; 13100;occ; 79; 0;14343
24; 2747.0; 27-NOV-2004 02:41:09; Bright; 40.0; 175; 39Del Per ; 3.01; 19400;occ; 80; 0;14343
25; 2930.1; 27-NOV-2004 02:44:12; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;14343
26; 3005.3; 27-NOV-2004 02:45:27; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;14343
27; 3419.7; 27-NOV-2004 02:52:22; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;14343
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2; -2198.7; 27-NOV-2004 02:59:19; Bright; 47.5; 36; 50Alp UMa ; 1.80; 6300;occ; 95; 0;14343
3; -2101.8; 27-NOV-2004 03:00:56; Bright; 46.0; 82; 48Bet UMa ; 2.37; 10600;occ; 92; 0;14343
4; -1997.3; 27-NOV-2004 03:02:41; Bright; 38.5; 55; 79Zet UMa ; 2.06; 10200;occ; 77; 0;14343
5; -1901.4; 27-NOV-2004 03:04:17; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;14343
6; -1552.3; 27-NOV-2004 03:10:06; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;14343
7; -1402.6; 27-NOV-2004 03:12:35; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;14343
8; -1212.2; 27-NOV-2004 03:15:46; Bright; 72.5; 96; 68Del Leo ; 2.56; 9300;occ; 145; 0;14343
9; -962.7; 27-NOV-2004 03:19:55; Dark ; 141.5; 51; 41Gam1Leo ; 2.01; 4500;occ; 283; 0;14343
10; -667.1; 27-NOV-2004 03:24:51; Dark ; 47.0; 163; 7Del Crv ; 2.94; 11000;occ; 94; 0;14343
11; -567.2; 27-NOV-2004 03:26:31; Dark ; 47.0; 106; 9Bet Crv ; 2.65; 5600;occ; 94; 0;14343
12; -433.5; 27-NOV-2004 03:28:44; Dark ; 40.0; 123; Iot Cen ; 2.75; 10200;occ; 80; 0;14343
13; -196.5; 27-NOV-2004 03:32:41; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;14343
14; -79.9; 27-NOV-2004 03:34:38; Dark ; 48.0; 10; Bet Cen ; 0.61; 28000;occ; 96; 0;14343
15; 24.6; 27-NOV-2004 03:36:23; Dark ; 51.0; 12; Alp1Cru ; 0.77; 30000;occ; 102; 0;14344
16; 180.0; 27-NOV-2004 03:38:58; Dark ; 40.5; 124; The Car ; 2.76; 30000;occ; 81; 0;14344
17; 279.6; 27-NOV-2004 03:40:38; Dark ; 41.0; 159; Ups Car ; 2.92; 7200;occ; 82; 0;14344
18; 363.6; 27-NOV-2004 03:42:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14344
19; 452.2; 27-NOV-2004 03:43:30; Dark ; 44.5; 41; Eps Car ; 1.86; 4100;occ; 89; 0;14344
20; 557.9; 27-NOV-2004 03:45:16; Dark ; 53.0; 34; Gam2Vel ; 1.79; 23000;occ; 106; 0;14344
21; 653.1; 27-NOV-2004 03:46:51; Dark ; 57.5; 70; Zet Pup ; 2.25; 39000;occ; 115; 0;14344
22; 777.6; 27-NOV-2004 03:48:56; Dark ; 48.0; 2; Alp Car ;-0.74; 7000;occ; 96; 0;14344
23; 871.3; 27-NOV-2004 03:50:29; Dark ; 68.0; 117; Pi Pup ; 2.71; 3800;occ; 136; 0;14344
24; 1107.4; 27-NOV-2004 03:54:25; Dark ; 72.0; 23; 21Eps CMa ; 1.50; 26000;occ; 144; 0;14344
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36; 4830.7; 27-NOV-2004 23:23:04; Bright; 65.0; 96; 68Del Leo ; 2.56; 9300;occ; 130; 0;14355
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3; -429.6; 27-NOV-2004 23:36:00; Dark ; 44.5; 123; Iot Cen ; 2.75; 10200;occ; 89; 0;14355
4; -180.8; 27-NOV-2004 23:40:08; Dark ; 38.0; 77; Eps Cen ; 2.30; 28000;occ; 76; 0;14355
5; -79.2; 27-NOV-2004 23:41:50; Dark ; 43.0; 10; Bet Cen ; 0.61; 28000;occ; 86; 0;14355
6; 184.5; 27-NOV-2004 23:46:14; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14356
7; 257.9; 27-NOV-2004 23:47:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14356
8; 351.6; 27-NOV-2004 23:49:01; Dark ; 44.0; 29; Bet Car ; 1.67; 10200;occ; 88; 0;14356
9; 458.3; 27-NOV-2004 23:50:47; Dark ; 48.5; 41; Eps Car ; 1.86; 4100;occ; 97; 0;14356
10; 565.7; 27-NOV-2004 23:52:35; Dark ; 53.0; 34; Gam2Vel ; 1.79; 23000;occ; 106; 0;14356
11; 664.6; 27-NOV-2004 23:54:14; Dark ; 61.5; 70; Zet Pup ; 2.25; 39000;occ; 123; 0;14356
12; 781.8; 27-NOV-2004 23:56:11; Dark ; 50.5; 2; Alp Car ; -0.74; 7000;occ; 101; 0;14356
13; 882.3; 27-NOV-2004 23:57:51; Dark ; 67.0; 117; Pi Pup ; 2.71; 3800;occ; 134; 0;14356
14; 1116.9; 28-NOV-2004 00:01:46; Dark ; 75.0; 23; 21Eps Cma ; 1.50; 26000;occ; 150; 0;14356
15; 1249.2; 28-NOV-2004 00:03:58; Dark ; 81.0; 179; 240mi2Cma ; 3.03; 24000;occ; 162; 0;14356
16; 1524.7; 28-NOV-2004 00:08:34; Dark ; 108.0; 1; 9Alp Cma ; -1.44; 11000;occ; 216; 0;14356
17; 1754.2; 28-NOV-2004 00:12:23; Dark ; 72.0; 7; 19Bet Ori ; 0.10; 14000;occ; 144; 0;14356
18; 1949.4; 28-NOV-2004 00:15:39; Dark ; 67.5; 30; 46Eps Ori ; 1.69; 30000;occ; 135; 0;14356

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20; 2290.7; 28-NOV-2004 00:21:20; Bright; 37.5; 105; 6Bet Ari ; 2.64; 8900;occ; 75; 0;14356
21; 2476.3; 28-NOV-2004 00:24:25; Bright; 43.0; 150; 44Zet Per ; 2.89; 28000;occ; 86; 0;14356
22; 2606.0; 28-NOV-2004 00:26:35; Bright; 39.0; 79; 26Bet Per ; 2.31; 13100;occ; 78; 0;14356
23; 2742.0; 28-NOV-2004 00:28:51; Bright; 40.5; 175; 39Del Per ; 3.01; 19400;occ; 81; 0;14356
24; 2873.5; 28-NOV-2004 00:31:03; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;14356
25; 3010.2; 28-NOV-2004 00:33:19; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;14356
26; 3417.3; 28-NOV-2004 00:40:06; Bright; 40.5; 49; 1Alp UMi ; 1.99; 6300;occ; 81; 0;14356
27; 3695.2; 28-NOV-2004 00:44:44; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;14356
28; 3832.8; 28-NOV-2004 00:47:02; Bright; 45.0; 36; 50Alp UMa ; 1.80; 6300;occ; 90; 0;14356
29; 3929.7; 28-NOV-2004 00:48:39; Bright; 47.0; 82; 48Bet UMa ; 2.37; 10600;occ; 94; 0;14356
30; 4038.0; 28-NOV-2004 00:50:27; Bright; 39.0; 55; 79Zet UMa ; 2.06; 10200;occ; 78; 0;14356
31; 4135.8; 28-NOV-2004 00:52:05; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;14356
32; 4304.9; 28-NOV-2004 00:54:54; Bright; 52.0; 180; 27Gam Boo ; 3.04; 8000;occ; 104; 0;14356
33; 4484.5; 28-NOV-2004 00:57:54; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;14356
34; 4636.4; 28-NOV-2004 01:00:26; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;14356
35; 4831.8; 28-NOV-2004 01:03:41; Bright; 64.5; 96; 68Del Leo ; 2.56; 9300;occ; 129; 0;14356
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3;-4281.7; 27-NOV-2004 15:49:24; Dark ; 72.0; 7; 19Bet Ori ; 0.10; 14000;occ; 144; 0;14351
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5;-3914.3; 27-NOV-2004 15:55:31; Dark ; 67.5; 27; 24Gam Ori ; 1.64; 26000;occ; 135; 0;14351
6;-3746.8; 27-NOV-2004 15:58:19; Bright; 38.0; 105; 6Bet Ari ; 2.64; 8900;occ; 76; 0;14351
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8;-3428.8; 27-NOV-2004 16:03:37; Bright; 38.0; 79; 26Bet Per ; 2.31; 13100;occ; 76; 0;14351
9;-3289.8; 27-NOV-2004 16:05:56; Bright; 38.0; 175; 39Del Per ; 3.01; 19400;occ; 76; 0;14351
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11;-3027.5; 27-NOV-2004 16:10:18; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;14351
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13;-2338.6; 27-NOV-2004 16:21:47; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14351
14;-2201.6; 27-NOV-2004 16:24:04; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;14351
15;-2104.9; 27-NOV-2004 16:25:41; Bright; 46.0; 82; 48Bet UMa ; 2.37; 10600;occ; 92; 0;14351
16;-1997.2; 27-NOV-2004 16:27:28; Bright; 40.5; 55; 79Zet UMa ; 2.06; 10200;occ; 81; 0;14351
17;-1900.8; 27-NOV-2004 16:29:05; Bright; 38.0; 39; 85Eta UMa ; 1.85; 24000;occ; 76; 0;14351
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22; -945.1; 27-NOV-2004 16:45:00; Dark ; 173.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 346; 0;14351
23; -661.4; 27-NOV-2004 16:49:44; Dark ; 48.0; 163; 7Del Crv ; 2.94; 11000;occ; 96; 0;14351
24; -561.7; 27-NOV-2004 16:51:24; Dark ; 46.5; 106; 9Bet Crv ; 2.65; 5600;occ; 93; 0;14351
25; -430.4; 27-NOV-2004 16:53:35; Dark ; 41.0; 123; Iot Cen ; 2.75; 10200;occ; 82; 0;14351
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27; -79.3; 27-NOV-2004 16:59:26; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;14351
28; 27.9; 27-NOV-2004 17:01:13; Dark ; 40.5; 12; Alp1Cru ; 0.77; 30000;occ; 81; 0;14352
29; 183.4; 27-NOV-2004 17:03:49; Dark ; 41.0; 124; The Car ; 2.76; 30000;occ; 82; 0;14352
30; 283.5; 27-NOV-2004 17:05:29; Dark ; 41.0; 159; Ups Car ; 2.92; 7200;occ; 82; 0;14352
31; 370.4; 27-NOV-2004 17:06:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14352
32; 457.1; 27-NOV-2004 17:08:23; Dark ; 47.0; 41; Eps Car ; 1.86; 4100;occ; 94; 0;14352
33; 564.9; 27-NOV-2004 17:10:10; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;14352
34; 660.1; 27-NOV-2004 17:11:46; Dark ; 60.5; 70; Zet Pup ; 2.25; 39000;occ; 121; 0;14352
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36; 878.6; 27-NOV-2004 17:15:24; Dark ; 66.0; 117; Pi Pup ; 2.71; 3800;occ; 132; 0;14352
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11;-3103.4; 27-NOV-2004 17:49:38; Bright; 40.0; 68; 18Alp Cas ; 2.22; 4500;occ; 80; 0;14352

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32; 371.2; 27-NOV-2004 18:47:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14353
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25; -659.8; 27-NOV-2004 20:10:58; Dark ; 43.5; 163; 7Del Crv ; 2.94; 11000;occ; 87; 0;14353
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28; -181.0; 27-NOV-2004 20:18:56; Dark ; 41.0; 77; Eps Cen ; 2.30; 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
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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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3; -180.5; 28-NOV-2004 01:20:44; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;14356
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
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16;-1732.2; 28-NOV-2004 09:17:52; Bright; 39.0; 180; 27Gam Boo ; 3.04; 8000;occ; 78; 0;14361
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27; 288.9; 28-NOV-2004 09:51:34; Dark ; 39.5; 159; Ups Car ; 2.92; 7200;occ; 79; 0;14362
28; 378.8; 28-NOV-2004 09:53:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14362
29; 463.4; 28-NOV-2004 09:54:28; Dark ; 45.0; 41; Eps Car ; 1.86; 4100;occ; 90; 0;14362
30; 574.0; 28-NOV-2004 09:56:19; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;14362
31; 673.4; 28-NOV-2004 09:57:58; Dark ; 58.5; 70; Zet Pup ; 2.25; 39000;occ; 117; 0;14362
32; 787.8; 28-NOV-2004 09:59:53; Dark ; 58.0; 2; Alp Car ;-0.74; 7000;occ; 116; 0;14362
33; 888.3; 28-NOV-2004 10:01:33; Dark ; 63.5; 117; Pi Pup ; 2.71; 3800;occ; 127; 0;14362
34; 1120.3; 28-NOV-2004 10:05:25; Dark ; 67.5; 23; 21Eps CMA ; 1.50; 26000;occ; 135; 0;14362
35; 1252.4; 28-NOV-2004 10:07:37; Dark ; 76.5; 179; 240mi2CMA ; 3.03; 24000;occ; 153; 0;14362
36; 1524.9; 28-NOV-2004 10:12:10; Dark ; 106.5; 1; 9Alp CMA ;-1.44; 11000;occ; 213; 0;14362
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6;-3430.3; 28-NOV-2004 10:30:10; Bright; 39.0; 79; 26Bet Per ; 2.31; 13100;occ; 78; 0;14362
7;-3292.1; 28-NOV-2004 10:32:28; Bright; 38.0; 175; 39Del Per ; 3.01; 19400;occ; 76; 0;14362
8;-3167.0; 28-NOV-2004 10:34:34; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;14362
9;-3055.4; 28-NOV-2004 10:36:25; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;14362
10;-2616.8; 28-NOV-2004 10:43:44; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;14362

```



```

11;-2338.5; 28-NOV-2004 10:48:22; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;14362
12;-2205.0; 28-NOV-2004 10:50:36; Bright; 46.0; 36; 50Alp UMA ; 1.80; 6300;occ; 92; 0;14362
13;-2108.6; 28-NOV-2004 10:52:12; Bright; 44.5; 82; 48Bet UMA ; 2.37; 10600;occ; 89; 0;14362
14;-1997.5; 28-NOV-2004 10:54:03; Bright; 36.5; 55; 79Zet UMA ; 2.06; 10200;occ; 73; 0;14362
15;-1900.1; 28-NOV-2004 10:55:41; Bright; 36.0; 39; 85Eta UMA ; 1.85; 24000;occ; 72; 0;14362
16;-1730.1; 28-NOV-2004 10:58:30; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;14362
17;-1550.2; 28-NOV-2004 11:01:30; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;14362
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22; -508.7; 28-NOV-2004 11:18:52; Dark ; 52.0; 171; 2Eps Crv ; 3.00; 4250;occ; 104; 0;14362
23; -179.3; 28-NOV-2004 11:24:21; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;14362
24; -78.4; 28-NOV-2004 11:26:02; Dark ; 51.0; 10; Bet Cen ; 0.61; 28000;occ; 102; 0;14362
25; 29.9; 28-NOV-2004 11:27:51; Dark ; 45.0; 12; Alp1Cru ; 0.77; 30000;occ; 90; 0;14363
26; 188.8; 28-NOV-2004 11:30:29; Dark ; 40.0; 124; The Car ; 2.76; 30000;occ; 80; 0;14363
27; 288.9; 28-NOV-2004 11:32:10; Dark ; 40.5; 159; Ups Car ; 2.92; 7200;occ; 81; 0;14363
28; 379.7; 28-NOV-2004 11:33:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14363
29; 463.7; 28-NOV-2004 11:35:04; Dark ; 43.5; 41; Eps Car ; 1.86; 4100;occ; 87; 0;14363
30; 574.5; 28-NOV-2004 11:36:55; Dark ; 51.0; 34; Gam2Vel ; 1.79; 23000;occ; 102; 0;14363
31; 674.0; 28-NOV-2004 11:38:35; Dark ; 61.0; 70; Zet Pup ; 2.25; 39000;occ; 122; 0;14363
32; 788.4; 28-NOV-2004 11:40:29; Dark ; 52.5; 2; Alp Car ;-0.74; 7000;occ; 105; 0;14363
33; 888.7; 28-NOV-2004 11:42:09; Dark ; 68.0; 117; Pi Pup ; 2.71; 3800;occ; 136; 0;14363
34; 1121.1; 28-NOV-2004 11:46:02; Dark ; 75.5; 23; 21Eps CMA ; 1.50; 26000;occ; 151; 0;14363
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4;-3921.9; 28-NOV-2004 12:02:35; Dark ; 67.5; 27; 24Gam Ori ; 1.64; 26000;occ; 135; 0;14363
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6;-3430.4; 28-NOV-2004 12:10:46; Bright; 38.5; 79; 26Bet Per ; 2.31; 13100;occ; 77; 0;14363
7;-3292.7; 28-NOV-2004 12:13:04; Bright; 37.5; 175; 39Del Per ; 3.01; 19400;occ; 75; 0;14363
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27; 289.4; 28-NOV-2004 13:12:46; Dark ; 41.0; 159; Ups Car ; 2.92; 7200;occ; 82; 0;14364
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33; 890.5; 28-NOV-2004 15:03:23; Dark ; 66.0; 117; Pi Pup ; 2.71; 3800;occ; 132; 0;14365
34; 1122.7; 28-NOV-2004 15:07:15; Dark ; 75.5; 23; 21Eps CMa ; 1.50; 26000;occ; 151; 0;14365
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7;-3559.2; 28-NOV-2004 15:29:49; Bright; 40.5; 150; 44Zet Per ; 2.89; 28000;occ; 81; 0;14365
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27; 290.7; 28-NOV-2004 16:33:59; Dark ; 41.5; 159; Ups Car ; 2.92; 7200;occ; 83; 0;14366
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2; 679.4; 28-NOV-2004 20:01:40; Dark ; 58.0; 70; Zet Pup ; 2.25; 39000;occ; 116; 0;14368
3; 791.3; 28-NOV-2004 20:03:32; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 0;14368
4; 893.7; 28-NOV-2004 20:05:14; Dark ; 75.5; 117; Pi Pup ; 2.71; 3800;occ; 151; 0;14368

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6; 1256.5; 28-NOV-2004 20:11:17; Dark ; 80.0; 179; 240mi2CMa ; 3.03; 24000;occ; 160; 0;14368
7; 1524.6; 28-NOV-2004 20:15:45; Dark ; 116.0; 1; 9Alp CMa ; -1.44; 11000;occ; 232; 0;14368
8; 1753.4; 28-NOV-2004 20:19:34; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;14368
9; 1943.7; 28-NOV-2004 20:22:44; Dark ; 72.5; 30; 46Eps Ori ; 1.69; 30000;occ; 145; 0;14368
10; 2110.5; 28-NOV-2004 20:25:31; Dark ; 64.5; 27; 24Gam Ori ; 1.64; 26000;occ; 129; 0;14368
11; 2240.8; 28-NOV-2004 20:27:41; Bright; 56.5; 13; 87Alp Tau ; 0.87; 3800;occ; 113; 0;14368
12; 2332.2; 28-NOV-2004 20:29:13; Bright; 39.5; 146; 25Eta Tau ; 2.87; 15200;occ; 79; 0;14368
13; 2476.4; 28-NOV-2004 20:31:37; Bright; 39.5; 150; 44Zet Per ; 2.89; 28000;occ; 79; 0;14368
14; 2605.5; 28-NOV-2004 20:33:46; Bright; 38.5; 79; 26Bet Per ; 2.31; 13100;occ; 77; 0;14368
15; 2951.9; 28-NOV-2004 20:39:32; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;14368
16; 3420.3; 28-NOV-2004 20:47:21; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;14368
17; 3699.2; 28-NOV-2004 20:52:00; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;14368
18; 3828.2; 28-NOV-2004 20:54:09; Bright; 46.0; 36; 50Alp UMa ; 1.80; 6300;occ; 92; 0;14368
19; 3924.6; 28-NOV-2004 20:55:45; Bright; 47.5; 82; 48Bet UMa ; 2.37; 10600;occ; 95; 0;14368
20; 4038.6; 28-NOV-2004 20:57:39; Bright; 37.0; 55; 79Zet UMa ; 2.06; 10200;occ; 74; 0;14368
21; 4136.4; 28-NOV-2004 20:59:17; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;14368
22; 4308.1; 28-NOV-2004 21:02:08; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;14368
23; 4488.0; 28-NOV-2004 21:05:08; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;14368
24; 4639.1; 28-NOV-2004 21:07:39; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14368
25; 4840.4; 28-NOV-2004 21:11:01; Bright; 67.0; 96; 68Del Leo ; 2.56; 9300;occ; 134; 0;14368
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2; -597.9; 28-NOV-2004 21:20:58; Dark ; 49.5; 100; 4Gam Crv ; 2.58; 13100;occ; 99; 0;14368
3; -424.6; 28-NOV-2004 21:23:52; Dark ; 42.0; 123; Iot Cen ; 2.75; 10200;occ; 84; 0;14368
4; -178.3; 28-NOV-2004 21:27:58; Dark ; 38.0; 77; Eps Cen ; 2.30; 28000;occ; 76; 0;14368
5; -78.0; 28-NOV-2004 21:29:38; Dark ; 42.5; 10; Bet Cen ; 0.61; 28000;occ; 85; 0;14368
6; 33.1; 28-NOV-2004 21:31:29; Dark ; 38.0; 12; Alp1Cru ; 0.77; 30000;occ; 76; 0;14369
7; 191.2; 28-NOV-2004 21:34:07; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14369
8; 291.2; 28-NOV-2004 21:35:47; Dark ; 41.5; 159; Ups Car ; 2.92; 7200;occ; 83; 0;14369
9; 384.8; 28-NOV-2004 21:37:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14369
10; 467.1; 28-NOV-2004 21:38:43; Dark ; 46.0; 41; Eps Car ; 1.86; 4100;occ; 92; 0;14369
11; 579.8; 28-NOV-2004 21:40:36; Dark ; 52.0; 34; Gam2Vel ; 1.79; 23000;occ; 104; 0;14369
12; 678.6; 28-NOV-2004 21:42:15; Dark ; 63.0; 70; Zet Pup ; 2.25; 39000;occ; 126; 0;14369
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14; 893.9; 28-NOV-2004 21:45:50; Dark ; 63.5; 117; Pi Pup ; 2.71; 3800;occ; 127; 0;14369
15; 1125.7; 28-NOV-2004 21:49:42; Dark ; 72.0; 23; 21Eps CMa ; 1.50; 26000;occ; 144; 0;14369
16; 1257.8; 28-NOV-2004 21:51:54; Dark ; 78.5; 179; 240mi2CMa ; 3.03; 24000;occ; 157; 0;14369
17; 1525.4; 28-NOV-2004 21:56:22; Dark ; 103.0; 1; 9Alp CMa ; -1.44; 11000;occ; 206; 0;14369
18; 1752.3; 28-NOV-2004 22:00:09; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;14369
19; 1943.6; 28-NOV-2004 22:03:20; Dark ; 70.0; 30; 46Eps Ori ; 1.69; 30000;occ; 140; 0;14369
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23; 2475.6; 28-NOV-2004 22:12:12; Bright; 39.0; 150; 44Zet Per ; 2.89; 28000;occ; 78; 0;14369
24; 2604.9; 28-NOV-2004 22:14:21; Bright; 38.0; 79; 26Bet Per ; 2.31; 13100;occ; 76; 0;14369
25; 2951.6; 28-NOV-2004 22:20:08; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;14369
26; 3420.1; 28-NOV-2004 22:27:56; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;14369
27; 3699.1; 28-NOV-2004 22:32:35; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;14369
28; 3828.2; 28-NOV-2004 22:34:44; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;14369
29; 3924.1; 28-NOV-2004 22:36:20; Bright; 47.5; 82; 48Bet UMa ; 2.37; 10600;occ; 95; 0;14369
30; 4038.0; 28-NOV-2004 22:38:14; Bright; 40.5; 55; 79Zet UMa ; 2.06; 10200;occ; 81; 0;14369
31; 4136.1; 28-NOV-2004 22:39:52; Bright; 39.0; 39; 85Eta UMa ; 1.85; 24000;occ; 78; 0;14369
32; 4307.7; 28-NOV-2004 22:42:44; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;14369
33; 4487.3; 28-NOV-2004 22:45:44; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;14369
34; 4638.6; 28-NOV-2004 22:48:15; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;14369
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4; -178.4; 28-NOV-2004 23:08:34; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;14369
5; -78.1; 28-NOV-2004 23:10:14; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;14369
6; 32.1; 28-NOV-2004 23:12:04; Dark ; 45.5; 12; Alp1Cru ; 0.77; 30000;occ; 91; 0;14370
7; 271.3; 28-NOV-2004 23:16:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14370
8; 467.2; 28-NOV-2004 23:19:19; Dark ; 52.0; 41; Eps Car ; 1.86; 4100;occ; 104; 0;14370

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13; 1127.1; 28-NOV-2004 23:30:19; Dark ; 74.0; 23; 21Eps CMa ; 1.50; 26000;occ; 148; 0;14370
14; 1258.5; 28-NOV-2004 23:32:31; Dark ; 76.0; 179; 240mi2CMa ; 3.03; 24000;occ; 152; 0;14370
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22; 2605.3; 28-NOV-2004 23:54:57; Bright; 38.5; 79; 26Bet Per ; 2.31; 13100;occ; 77; 0;14370
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12;-2615.9; 28-NOV-2004 17:26:09; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;14366
13;-2336.9; 28-NOV-2004 17:30:48; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;14366
14;-2206.6; 28-NOV-2004 17:32:58; Bright; 45.0; 36; 50Alp UMa ; 1.80; 6300;occ; 90; 0;14366
15;-2110.0; 28-NOV-2004 17:34:34; Bright; 48.0; 82; 48Bet UMa ; 2.37; 10600;occ; 96; 0;14366
16;-1997.3; 28-NOV-2004 17:36:27; Bright; 39.0; 55; 79Zet UMa ; 2.06; 10200;occ; 78; 0;14366
17;-1899.7; 28-NOV-2004 17:38:05; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;14366
18;-1728.5; 28-NOV-2004 17:40:56; Bright; 43.0; 180; 27Gam Boo ; 3.04; 8000;occ; 86; 1;14366
19;-1548.5; 28-NOV-2004 17:43:56; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;14366
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22;-907.3; 28-NOV-2004 17:54:37; Dark ; 215.0; 51; 41Gam1Leo ; 2.01; 4500;occ; 430; 2;14366
23;-599.7; 28-NOV-2004 17:59:45; Dark ; 47.5; 100; 4Gam Crv ; 2.58; 13100;occ; 95; 0;14366
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27; 32.5; 28-NOV-2004 18:10:17; Dark ; 50.0; 12; Alp1Cru ; 0.77; 30000;occ; 100; 0;14367
28; 191.0; 28-NOV-2004 18:12:55; Dark ; 41.0; 124; The Car ; 2.76; 30000;occ; 82; 0;14367
29; 291.6; 28-NOV-2004 18:14:36; Dark ; 41.0; 159; Ups Car ; 2.92; 7200;occ; 82; 0;14367
30; 383.1; 28-NOV-2004 18:16:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14367
31; 466.7; 28-NOV-2004 18:17:31; Dark ; 45.0; 41; Eps Car ; 1.86; 4100;occ; 90; 0;14367
32; 578.4; 28-NOV-2004 18:19:23; Dark ; 60.5; 34; Gam2Vel ; 1.79; 23000;occ; 121; 13;14367
33; 678.9; 28-NOV-2004 18:21:03; Dark ; 57.5; 70; Zet Pup ; 2.25; 39000;occ; 115; 0;14367
34; 790.7; 28-NOV-2004 18:22:55; Dark ; 54.5; 2; Alp Car ;-0.74; 7000;occ; 109; 0;14367
35; 892.8; 28-NOV-2004 18:24:37; Dark ; 65.5; 117; Pi Pup ; 2.71; 3800;occ; 131; 0;14367
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3;-4513.2; 28-NOV-2004 18:35:07; Dark ; 109.5; 1; 9Alp CMa ;-1.44; 11000;occ; 219; 0;14367

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4;-4283.4; 28-NOV-2004 18:38:57; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;14367
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6;-3924.7; 28-NOV-2004 18:44:56; Dark ; 68.0; 27; 24Gam Ori ; 1.64; 26000;occ; 136; 0;14367
7;-3794.5; 28-NOV-2004 18:47:06; Bright; 56.5; 13; 87Alp Tau ; 0.87; 3800;occ; 113; 0;14367
8;-3703.6; 28-NOV-2004 18:48:37; Bright; 40.5; 146; 25Eta Tau ; 2.87; 15200;occ; 81; 0;14367
9;-3559.3; 28-NOV-2004 18:51:01; Bright; 39.5; 150; 44Zet Per ; 2.89; 28000;occ; 79; 0;14367
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12;-2615.4; 28-NOV-2004 19:06:45; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;14367
13;-2336.7; 28-NOV-2004 19:11:24; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;14367
14;-2207.1; 28-NOV-2004 19:13:33; Bright; 43.5; 36; 50Alp UMa ; 1.80; 6300;occ; 87; 0;14367
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16;-1997.1; 28-NOV-2004 19:17:03; Bright; 37.5; 55; 79Zet UMa ; 2.06; 10200;occ; 75; 0;14367
17;-1899.3; 28-NOV-2004 19:18:41; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;14367
18;-1727.9; 28-NOV-2004 19:21:32; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;14367
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21;-1196.5; 28-NOV-2004 19:30:24; Bright; 71.5; 96; 68Del Leo ; 2.56; 9300;occ; 143; 0;14367
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23; -598.7; 28-NOV-2004 19:40:22; Dark ; 47.0; 100; 4Gam Crv ; 2.58; 13100;occ; 94; 0;14367
24; -425.0; 28-NOV-2004 19:43:15; Dark ; 38.0; 123; Iot Cen ; 2.75; 10200;occ; 76; 0;14367
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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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14;-2214.1; 30-NOV-2004 08:06:36; Bright; 45.5; 36; 50Alp UMa ; 1.80; 6300;occ; 91; 0;14389
15;-2118.3; 30-NOV-2004 08:08:12; Bright; 48.5; 82; 48Bet UMa ; 2.37; 10600;occ; 97; 0;14389
16;-2025.3; 30-NOV-2004 08:09:45; Bright; 42.5; 32; 77Eps UMa ; 1.76; 11000;occ; 85; 0;14389
17;-1898.9; 30-NOV-2004 08:11:52; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;14389
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19;-1545.0; 30-NOV-2004 08:17:46; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;14389
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23; -833.7; 30-NOV-2004 08:29:37; Bright; 40.5; 15; 67Alp Vir ; 0.98; 28000;occ; 81; 0;14389
24; -637.4; 30-NOV-2004 08:32:53; Dark ; 48.5; 163; 7Del Crv ; 2.94; 11000;occ; 97; 0;14389
25; -539.0; 30-NOV-2004 08:34:32; Dark ; 49.5; 106; 9Bet Crv ; 2.65; 5600;occ; 99; 0;14389
26; -417.7; 30-NOV-2004 08:36:33; Dark ; 42.0; 123; Iot Cen ; 2.75; 10200;occ; 84; 0;14389
27; -175.1; 30-NOV-2004 08:40:35; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;14389
28; -76.0; 30-NOV-2004 08:42:15; Dark ; 50.5; 10; Bet Cen ; 0.61; 28000;occ; 101; 0;14389
29; 39.2; 30-NOV-2004 08:44:10; Dark ; 39.5; 12; Alp1Cru ; 0.77; 30000;occ; 79; 0;14390
30; 201.2; 30-NOV-2004 08:46:52; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14390
31; 328.6; 30-NOV-2004 08:48:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14390
32; 480.6; 30-NOV-2004 08:51:31; Dark ; 46.0; 41; Eps Car ; 1.86; 4100;occ; 92; 0;14390
33; 599.0; 30-NOV-2004 08:53:30; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;14390
34; 802.7; 30-NOV-2004 08:56:53; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 0;14390
35; 912.2; 30-NOV-2004 08:58:43; Dark ; 64.5; 117; Pi Pup ; 2.71; 3800;occ; 129; 0;14390
36; 1059.1; 30-NOV-2004 09:01:10; Dark ; 72.0; 88; 31Eta CMA ; 2.45; 20000;occ; 144; 0;14390
37; 1200.9; 30-NOV-2004 09:03:31; Dark ; 53.5; 177; 1Zet CMA ; 3.02; 26000;occ; 107; 0;14390
38; 1527.9; 30-NOV-2004 09:08:58; Dark ; 96.0; 1; 9Alp CMA ; -1.44; 11000;occ; 192; 0;14390
39; 1751.1; 30-NOV-2004 09:12:42; Dark ; 65.0; 7; 19Bet Ori ; 0.10; 14000;occ; 130; 0;14390
/nas1/ENVISAT/GOMOS/from_DDS/GOM_NL__0PNPDK20041130_091306_000058852032_00308_14390_1519.N1
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 9;-3219.2; 30-NOV-2004 09:30:27; Bright; 37.0; 160; 23Gam Per ; 2.93; 4700;occ; 74; 0;14390
10;-3080.6; 30-NOV-2004 09:32:46; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;14390
11;-2616.8; 30-NOV-2004 09:40:30; Bright; 39.5; 49; 1Alp UMi ; 1.99; 6300;occ; 79; 0;14390
12;-2337.0; 30-NOV-2004 09:45:09; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;14390
13;-2214.1; 30-NOV-2004 09:47:12; Bright; 45.0; 36; 50Alp UMa ; 1.80; 6300;occ; 90; 0;14390
14;-2117.9; 30-NOV-2004 09:48:49; Bright; 44.0; 82; 48Bet UMa ; 2.37; 10600;occ; 88; 0;14390
15;-2023.0; 30-NOV-2004 09:50:23; Bright; 38.0; 32; 77Eps UMa ; 1.76; 11000;occ; 76; 0;14390
16;-1899.0; 30-NOV-2004 09:52:27; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;14390
17;-1725.4; 30-NOV-2004 09:55:21; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 4;14390
18;-1544.8; 30-NOV-2004 09:58:22; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;14390
19;-1392.7; 30-NOV-2004 10:00:54; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 46;14390
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21; -920.7; 30-NOV-2004 10:08:46; Bright; 46.0; 121; 29Gam Vir ; 2.74; 7200;occ; 92; 0;14390
22; -832.6; 30-NOV-2004 10:10:14; Bright; 41.5; 15; 67Alp Vir ; 0.98; 28000;occ; 83; 0;14390
23; -636.2; 30-NOV-2004 10:13:30; Dark ; 47.0; 163; 7Del Crv ; 2.94; 11000;occ; 94; 0;14390
24; -537.9; 30-NOV-2004 10:15:08; Dark ; 44.5; 106; 9Bet Crv ; 2.65; 5600;occ; 89; 2;14390
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26; -174.8; 30-NOV-2004 10:21:12; Dark ; 38.5; 77; Eps Cen ; 2.30; 28000;occ; 77; 0;14390
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28; 39.5; 30-NOV-2004 10:24:46; Dark ; 45.0; 12; Alp1Cru ; 0.77; 30000;occ; 90; 0;14391
29; 201.5; 30-NOV-2004 10:27:28; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14391
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31; 480.8; 30-NOV-2004 10:32:07; Dark ; 54.5; 41; Eps Car ; 1.86; 4100;occ; 109; 0;14391
32; 599.6; 30-NOV-2004 10:34:06; Dark ; 51.0; 34; Gam2Vel ; 1.79; 23000;occ; 102; 0;14391
33; 802.9; 30-NOV-2004 10:37:29; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 0;14391
34; 913.0; 30-NOV-2004 10:39:19; Dark ; 66.5; 117; Pi Pup ; 2.71; 3800;occ; 133; 0;14391
35; 1059.7; 30-NOV-2004 10:41:46; Dark ; 69.5; 88; 31Eta CMA ; 2.45; 20000;occ; 139; 0;14391
36; 1200.8; 30-NOV-2004 10:44:07; Dark ; 54.5; 177; 1Zet CMA ; 3.02; 26000;occ; 109; 0;14391
37; 1528.1; 30-NOV-2004 10:49:34; Dark ; 98.0; 1; 9Alp CMA ; -1.44; 11000;occ; 196; 0;14391
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14;-2214.3; 30-NOV-2004 11:27:48; Bright; 45.0; 36; 50Alp UMa ; 1.80; 6300;occ; 90; 0;14391
15;-2118.2; 30-NOV-2004 11:29:24; Bright; 45.5; 82; 48Bet UMa ; 2.37; 10600;occ; 91; 0;14391
16;-2022.6; 30-NOV-2004 11:31:00; Bright; 42.5; 32; 77Eps UMa ; 1.76; 11000;occ; 85; 0;14391
17;-1898.9; 30-NOV-2004 11:33:03; Bright; 40.0; 39; 85Eta UMa ; 1.85; 24000;occ; 80; 0;14391
18;-1725.3; 30-NOV-2004 11:35:57; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;14391
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31; 334.5; 30-NOV-2004 12:10:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14392
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25;-537.0; 30-NOV-2004 13:36:21; Dark ; 50.5; 106; 9Bet Crv ; 2.65; 5600;occ; 101; 0;14392
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27;-174.4; 30-NOV-2004 13:42:24; Dark ; 39.5; 77; Eps Cen ; 2.30; 28000;occ; 79; 0;14392
28;-75.6; 30-NOV-2004 13:44:03; Dark ; 46.5; 10; Bet Cen ; 0.61; 28000;occ; 93; 0;14392
29; 39.1; 30-NOV-2004 13:45:57; Dark ; 42.5; 12; Alp1Cru ; 0.77; 30000;occ; 85; 0;14393

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30; 202.5; 30-NOV-2004 13:48:41; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;14393
31; 337.4; 30-NOV-2004 13:50:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14393
32; 481.5; 30-NOV-2004 13:53:20; Dark ; 47.0; 41; Eps Car ; 1.86; 4100;occ; 94; 0;14393
33; 601.3; 30-NOV-2004 13:55:19; Dark ; 53.0; 34; Gam2Vel ; 1.79; 23000;occ; 106; 0;14393
34; 803.4; 30-NOV-2004 13:58:42; Dark ; 54.5; 2; Alp Car ;-0.74; 7000;occ; 109; 0;14393
35; 914.8; 30-NOV-2004 14:00:33; Dark ; 65.5; 117; Pi Pup ; 2.71; 3800;occ; 131; 0;14393
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6; -3709.0; 30-NOV-2004 14:24:05; Bright; 40.0; 146; 25Eta Tau ; 2.87; 15200;occ; 80; 0;14393
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8; -3433.0; 30-NOV-2004 14:28:41; Bright; 39.0; 79; 26Bet Per ; 2.31; 13100;occ; 78; 0;14393
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18; -1725.1; 30-NOV-2004 14:57:09; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;14393
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23; -832.2; 30-NOV-2004 15:12:02; Bright; 43.0; 15; 67Alp Vir ; 0.98; 28000;occ; 86; 0;14393
24; -633.7; 30-NOV-2004 15:15:20; Dark ; 49.0; 163; 7Del Crv ; 2.94; 11000;occ; 98; 0;14393
25; -536.3; 30-NOV-2004 15:16:58; Dark ; 48.0; 106; 9Bet Crv ; 2.65; 5600;occ; 96; 0;14393
26; -416.7; 30-NOV-2004 15:18:57; Dark ; 41.5; 123; Iot Cen ; 2.75; 10200;occ; 83; 0;14393
27; -176.6; 30-NOV-2004 15:22:57; Dark ; 42.5; 77; Eps Cen ; 2.30; 28000;occ; 85; 0;14393
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29; 39.3; 30-NOV-2004 15:26:33; Dark ; 49.0; 12; Alp1Cru ; 0.77; 30000;occ; 98; 0;14394
30; 202.5; 30-NOV-2004 15:29:17; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;14394
31; 340.3; 30-NOV-2004 15:31:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14394
32; 482.6; 30-NOV-2004 15:33:57; Dark ; 47.5; 41; Eps Car ; 1.86; 4100;occ; 95; 0;14394
33; 602.3; 30-NOV-2004 15:35:56; Dark ; 51.0; 34; Gam2Vel ; 1.79; 23000;occ; 102; 0;14394
34; 804.5; 30-NOV-2004 15:39:19; Dark ; 58.0; 2; Alp Car ;-0.74; 7000;occ; 116; 0;14394
35; 913.9; 30-NOV-2004 15:41:08; Dark ; 69.5; 117; Pi Pup ; 2.71; 3800;occ; 139; 0;14394
36; 1062.9; 30-NOV-2004 15:43:37; Dark ; 77.0; 88; 31Eta CMA ; 2.45; 20000;occ; 154; 0;14394
37; 1202.4; 30-NOV-2004 15:45:56; Dark ; 56.5; 177; 1Zet CMA ; 3.02; 26000;occ; 113; 0;14394
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3; 1144.2; 30-NOV-2004 20:46:46; Dark ; 77.5; 23; 21Eps CMA ; 1.50; 26000;occ; 155; 0;14397
4; 1274.6; 30-NOV-2004 20:48:57; Dark ; 77.5; 179; 240mi2CMA ; 3.03; 24000;occ; 155; 0;14397
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16; 3420.0; 30-NOV-2004 21:24:42; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;14397
17; 3699.8; 30-NOV-2004 21:29:22; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;14397
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20; 4012.3; 30-NOV-2004 21:34:34; Bright; 41.0; 32; 77Eps UMA ; 1.76; 11000;occ; 82; 0;14397
21; 4136.7; 30-NOV-2004 21:36:39; Bright; 38.5; 39; 85Eta UMA ; 1.85; 24000;occ; 77; 0;14397

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22; 4311.8; 30-NOV-2004 21:39:34; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;14397
23; 4492.2; 30-NOV-2004 21:42:34; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;14397
24; 4644.3; 30-NOV-2004 21:45:06; Bright; 36.5; 3; 16Alp Boo ;-0.05; 4250;occ; 73; 0;14397
25; 4861.9; 30-NOV-2004 21:48:44; Bright; 74.5; 96; 68Del Leo ; 2.56; 9300;occ; 149; 0;14397
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 9; 352.0; 30-NOV-2004 22:14:10; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14398
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11; 605.1; 30-NOV-2004 22:18:23; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;14398
12; 806.4; 30-NOV-2004 22:21:44; Dark ; 49.5; 2; Alp Car ;-0.74; 7000;occ; 99; 0;14398
13; 919.0; 30-NOV-2004 22:23:37; Dark ; 68.0; 117; Pi Pup ; 2.71; 3800;occ; 136; 0;14398
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23; 2603.1; 30-NOV-2004 22:51:41; Bright; 39.5; 79; 26Bet Per ; 2.31; 13100;occ; 79; 0;14398
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31; 4011.5; 30-NOV-2004 23:15:09; Bright; 39.5; 32; 77Eps UMa ; 1.76; 11000;occ; 79; 0;14398
32; 4137.0; 30-NOV-2004 23:17:15; Bright; 39.5; 39; 85Eta UMa ; 1.85; 24000;occ; 79; 0;14398
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22; 2602.5; 01-DEC-2004 00:32:16; Bright; 38.5; 79; 26Bet Per ; 2.31; 13100;occ; 77; 0;14399
23; 2735.5; 01-DEC-2004 00:34:29; Bright; 37.5; 175; 39Del Per ; 3.01; 19400;occ; 75; 0;14399
24; 2815.8; 01-DEC-2004 00:35:50; Bright; 36.5; 160; 23Gam Per ; 2.93; 4700;occ; 73; 0;14399

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32; 4311.4; 01-DEC-2004 01:00:45; Bright; 52.0; 180; 27Gam Boo ; 3.04; 8000;occ; 104; 0;14399
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32; 343.2; 30-NOV-2004 17:12:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;14395
33; 483.2; 30-NOV-2004 17:14:33; Dark ; 46.5; 41; Eps Car ; 1.86; 4100;occ; 93; 0;14395
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