

GOMOS Daily Report 09-JAN-2007

Level 0 and Level 1 products

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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	11JAN2007 05:39:43
Data source version	GOMOS/5.00
Start time of products	QDS_YESTERDAY(/START)-1D (09JAN2007 00:00:00)
Stop time of products	QDS_YESTERDAY(/STOP)-1D (10JAN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	48
Nb of prods with errors	2

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

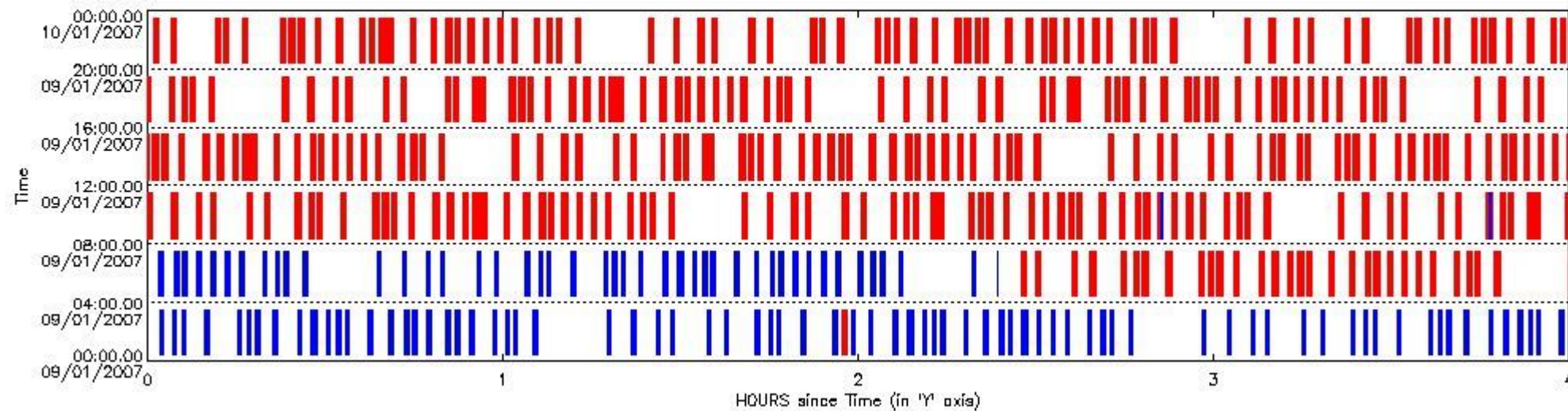
2.1 Level 0 products arrived in PCF (see template [here](#))

2.2 Plot of mission plan versus Level 0 production arrived in PCF during reporting period

Red segments are missing products.

Blue segments are available products.

Green segments are calibration measurements (not available products to users).



2.3 Summary of missing occultations (red segments in previous plot)

UTC start time	Star name	Star ID	Orbit
09-JAN-2007 01:57:09	BetLup	109	25407
09-JAN-2007 06:27:31	14EtaDra	119	25410
09-JAN-2007 06:29:53	23BetDra	130	25410
09-JAN-2007 06:36:07	40ZetHer	133	25410
09-JAN-2007 06:39:07	27BetHer	127	25410
09-JAN-2007 06:44:17	24AlpSer	102	25410
09-JAN-2007 06:46:30	1DelOph	120	25410
09-JAN-2007 06:47:58	13ZetOph	98	25410
09-JAN-2007 06:51:59	7DelSco	80	25410
09-JAN-2007 06:57:25	GamLup	131	25410
09-JAN-2007 06:58:59	BetLup	109	25410
09-JAN-2007 07:00:29	AlpLup	78	25410
09-JAN-2007 07:03:22	Alp1Cen	4	25411
09-JAN-2007 07:07:33	Alp1Cru	12	25411
09-JAN-2007 07:09:56	DSA1029	0	25411

09-JAN-2007 07:12:30	BetCar	29	25411
09-JAN-2007 07:14:13	lotCar	71	25411
09-JAN-2007 07:15:37	EpsCar	41	25411
09-JAN-2007 07:19:29	AlpCar	2	25411
09-JAN-2007 07:22:54	PiPup	117	25411
09-JAN-2007 07:25:33	21EpsCMa	23	25411
09-JAN-2007 07:27:01	24Omi2CMa	179	25411
09-JAN-2007 07:29:19	9AlpCMa	1	25411
09-JAN-2007 07:31:47	53KapOri	56	25411
09-JAN-2007 07:34:15	46EpsOri	30	25411
09-JAN-2007 07:36:35	58AlpOri	14	25411
09-JAN-2007 07:40:31	23ZetTau	176	25411
09-JAN-2007 07:42:39	12BetTau	28	25411
09-JAN-2007 07:44:05	3lotAur	114	25411
09-JAN-2007 07:47:22	34BetAur	42	25411
09-JAN-2007 07:59:47	1AlpUMi	49	25411
09-JAN-2007 08:04:00	7BetUMi	60	25411
09-JAN-2007 08:08:07	14EtaDra	119	25411
09-JAN-2007 08:10:29	23BetDra	130	25411
09-JAN-2007 08:16:43	40ZetHer	133	25411
09-JAN-2007 08:19:43	27BetHer	127	25411
09-JAN-2007 08:24:53	24AlpSer	102	25411
09-JAN-2007 08:27:06	1DelOph	120	25411
09-JAN-2007 08:28:34	13ZetOph	98	25411
09-JAN-2007 08:32:35	7DelSco	80	25411
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09-JAN-2007 09:06:09	21EpsCMa	23	25412
09-JAN-2007 09:07:37	24Omi2CMa	179	25412
09-JAN-2007 09:09:55	9AlpCMa	1	25412
09-JAN-2007 09:12:23	53KapOri	56	25412
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09-JAN-2007 10:12:19	8Bet1Sco	97	25412
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09-JAN-2007 10:21:42	AlpLup	78	25412
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09-JAN-2007 10:55:27	46EpsOri	30	25413
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09-JAN-2007 11:08:33	34BetAur	42	25413
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09-JAN-2007 13:18:31	40ZetHer	133	25414
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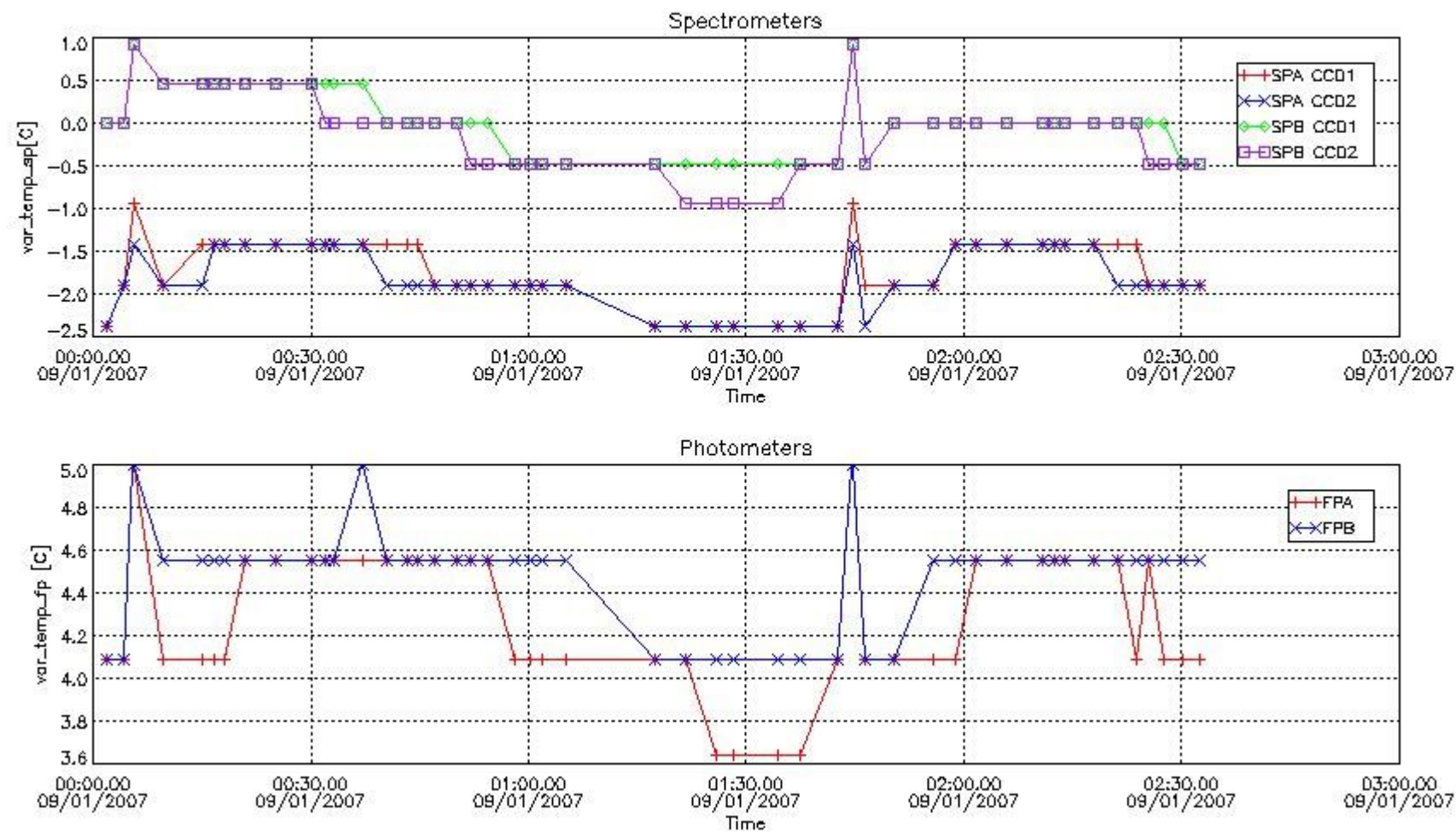
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09-JAN-2007 16:51:35	13ZetOph	98	25416
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09-JAN-2007 16:55:57	20SigSco	156	25416
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09-JAN-2007 22:48:03	12BetTau	28	25420
09-JAN-2007 22:49:30	3lotAur	114	25420

37	GOM_TRA_1PNPDE20070109_020139_000000412054_00304_25408_9808.N1	09-JAN-2007 02:01:39	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	25408	No
38	GOM_TRA_1PNPDE20070109_020549_000000432054_00304_25408_9809.N1	09-JAN-2007 02:05:49	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	25408	No
39	GOM_TRA_1PNPDE20070109_021047_000000402054_00304_25408_9810.N1	09-JAN-2007 02:10:47	Dark	39.500	29	Bet Car	1.6720	10200.	79	25408	No
40	GOM_TRA_1PNPDE20070109_021229_000000412054_00304_25408_9811.N1	09-JAN-2007 02:12:29	Dark	40.500	71	lot Car	2.2460	7700.0	81	25408	No
41	GOM_TRA_1PNPDE20070109_021353_000000502054_00304_25408_9812.N1	09-JAN-2007 02:13:53	Dark	49.500	41	Eps Car	1.8600	4100.0	99	25408	No
42	GOM_TRA_1PNPDE20070109_021746_000000422054_00304_25408_9813.N1	09-JAN-2007 02:17:46	Dark	42.000	2	Alp Car	-0.73600	7000.0	84	25408	No
43	GOM_TRA_1PNPDE20070109_022111_000000412054_00304_25408_9814.N1	09-JAN-2007 02:21:11	Straylight	40.500	117	Pi Pup	2.7060	3800.0	81	25408	No
44	GOM_TRA_1PNPDE20070109_022350_000000452054_00304_25408_9815.N1	09-JAN-2007 02:23:50	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	25408	No
45	GOM_TRA_1PNPDE20070109_022518_000000432054_00304_25408_9816.N1	09-JAN-2007 02:25:18	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	25408	No
46	GOM_TRA_1PNPDE20070109_022736_000000542054_00304_25408_9817.N1	09-JAN-2007 02:27:36	Straylight	54.000	1	9Alp CMa	-1.4400	11000.	108	25408	No
47	GOM_TRA_1PNPDE20070109_023004_000000422054_00304_25408_9818.N1	09-JAN-2007 02:30:04	Straylight	42.000	56	53Kap Ori	2.0650	30000.	84	25408	No
48	GOM_TRA_1PNPDE20070109_023232_000000402054_00304_25408_9819.N1	09-JAN-2007 02:32:32	Straylight	40.000	30	46Eps Ori	1.6940	30000.	80	25408	No

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

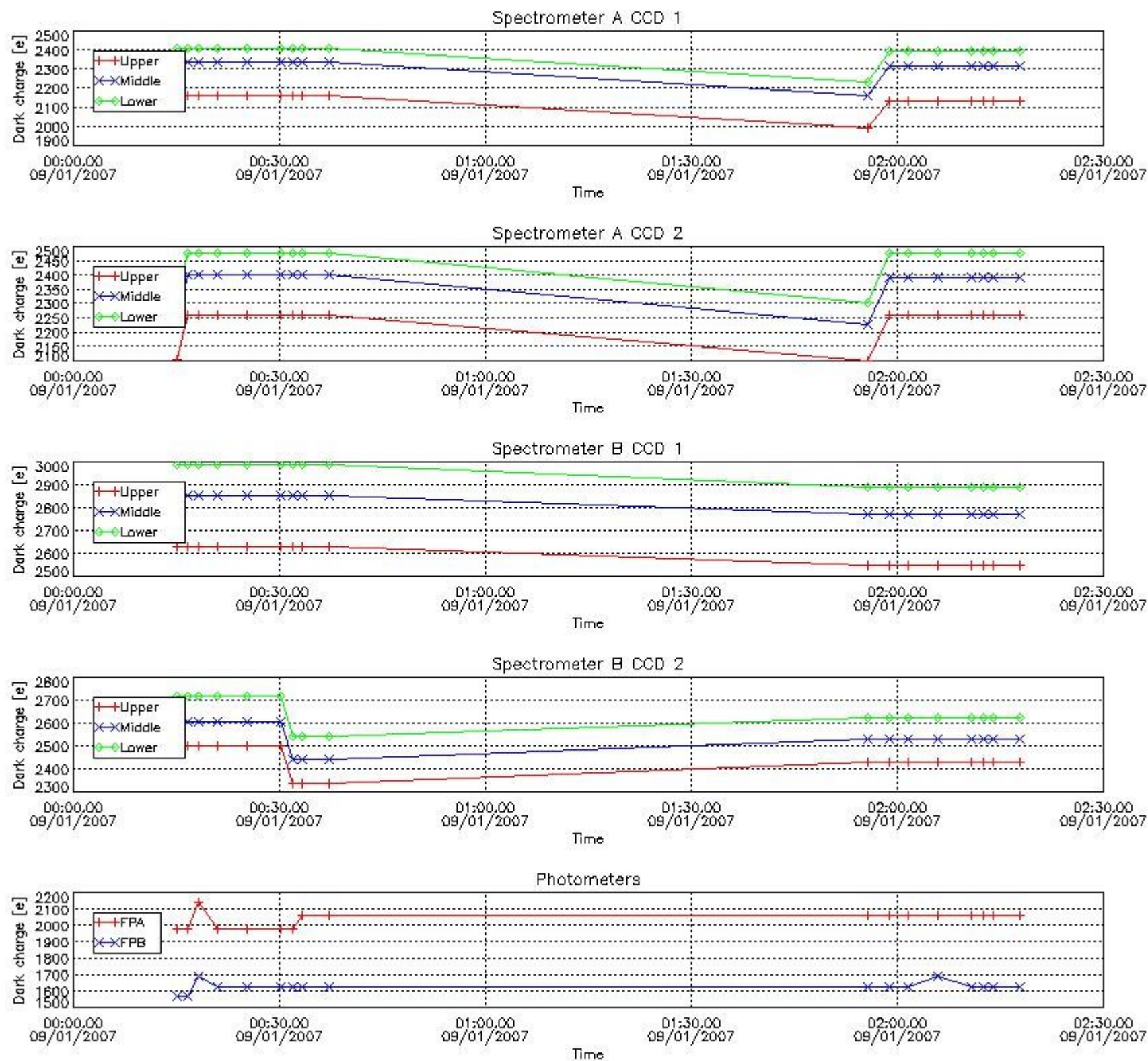


4. Overview of dark signal processing per product

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



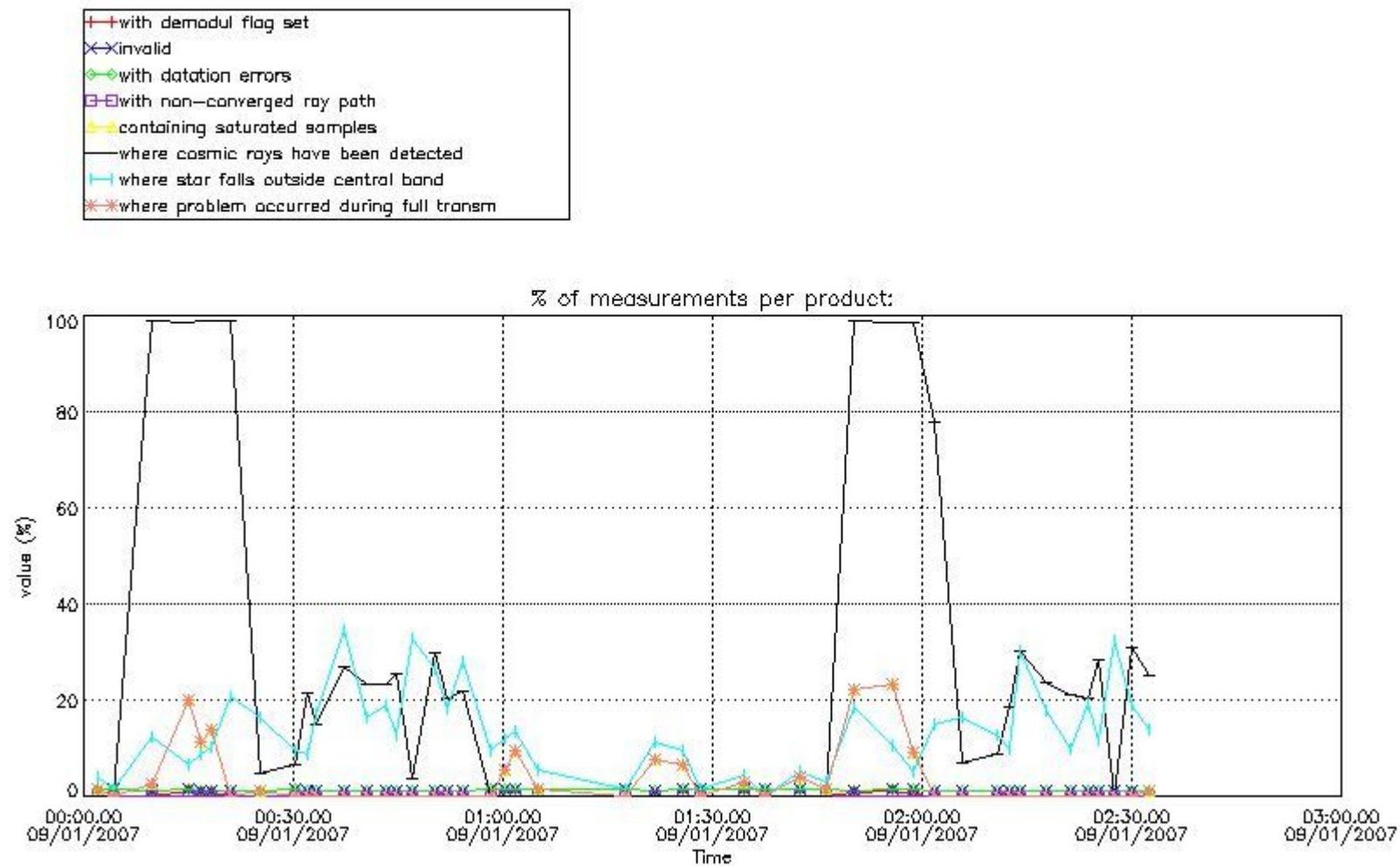
5. Demodulation flag and quality information monitoring

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.

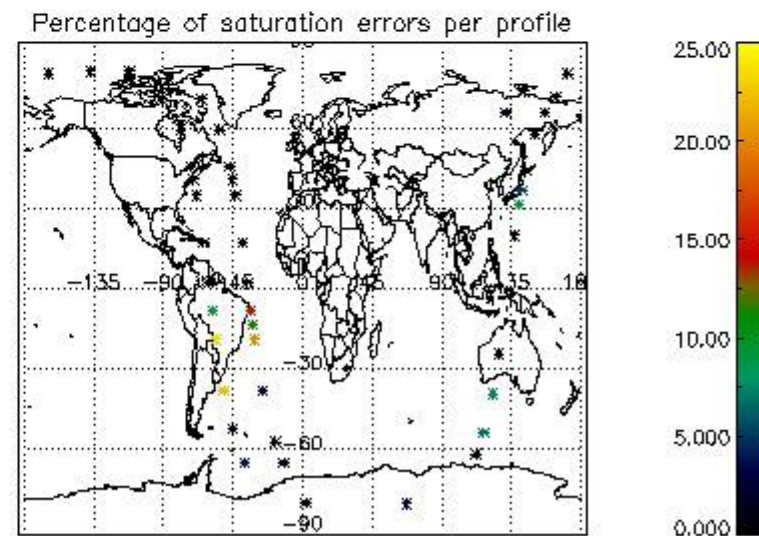
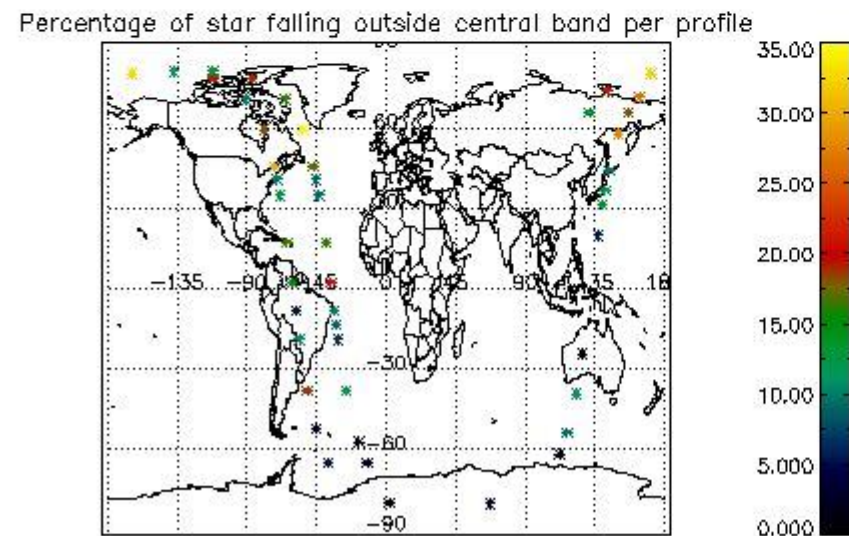
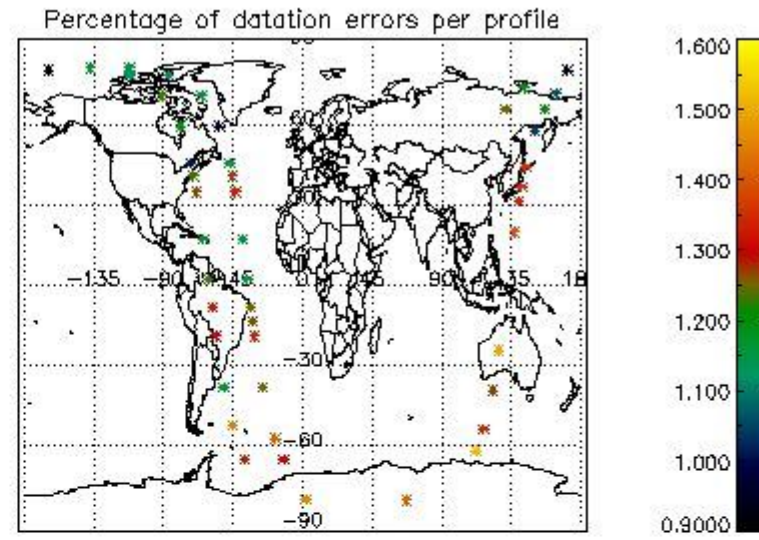
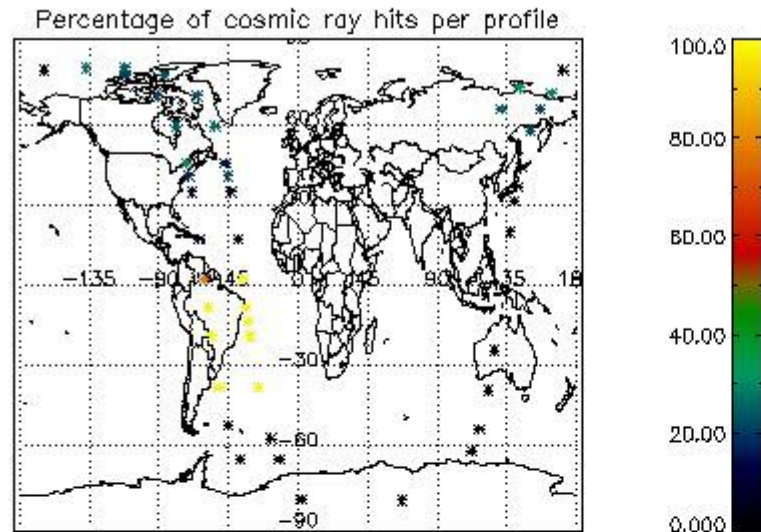
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	30.4348 %
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)



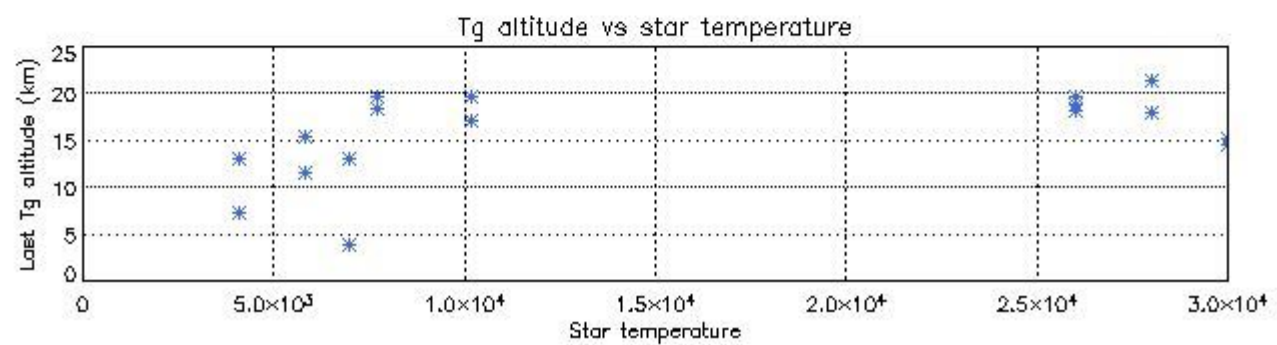
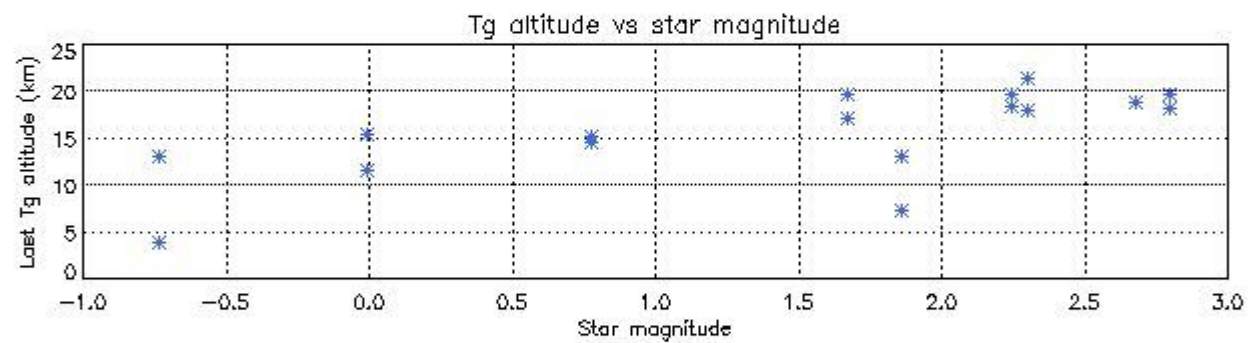
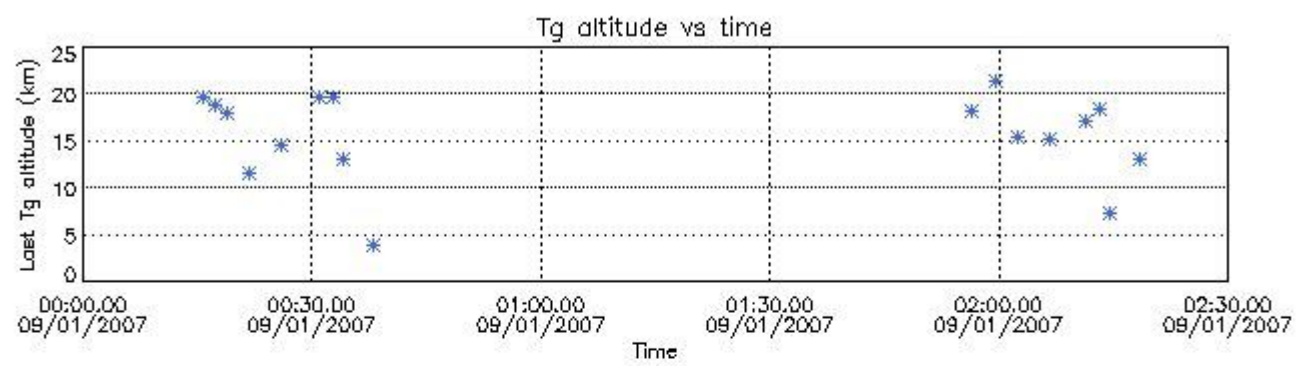
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.580	21.378	NaN
St. deviation:	4.7038	2.9660	NaN
Maximum:	21.316	26.169	NaN
Minimum:	3.8569	16.718	NaN
Number of data:	17.000	14.000	NaN

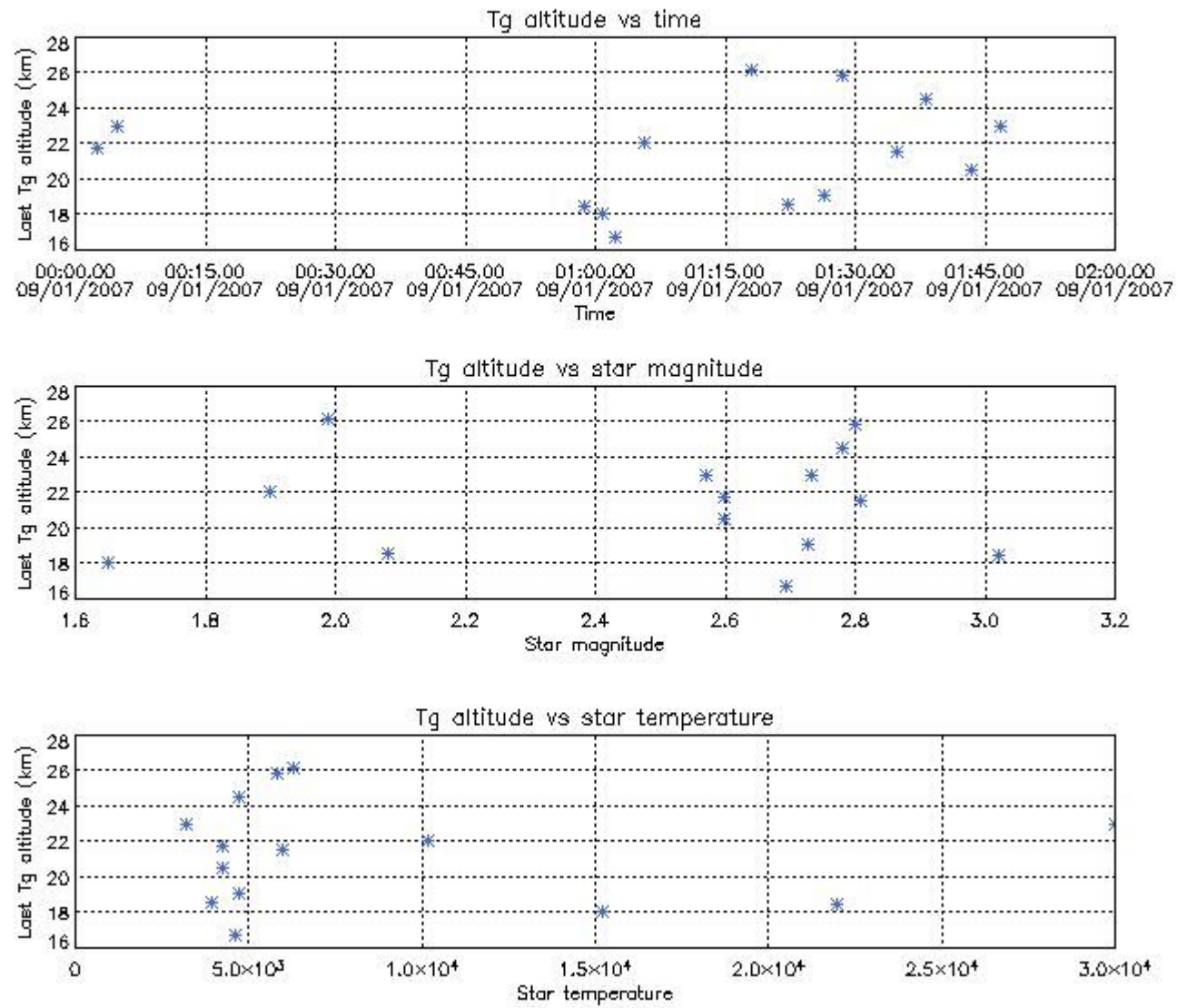
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

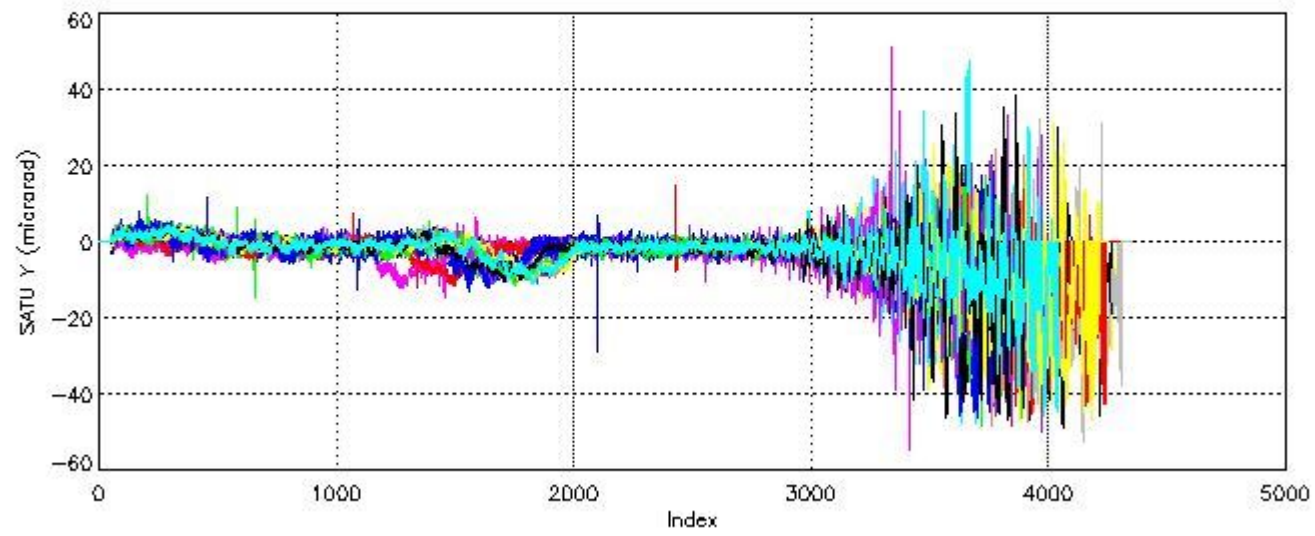
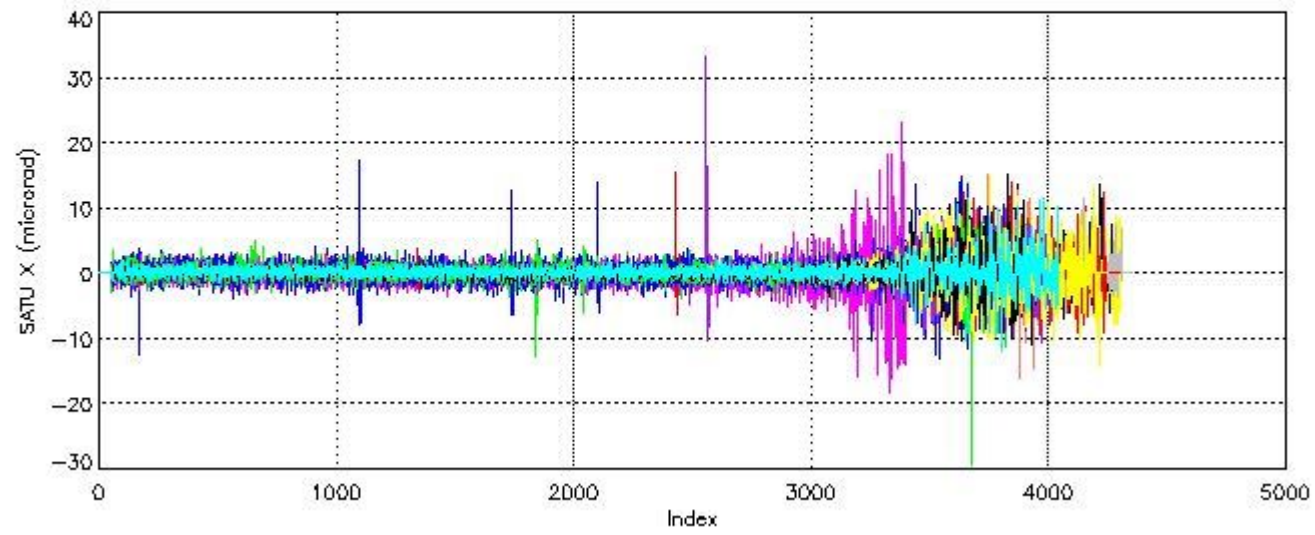


7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.



7.2 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 (in microradians) 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.

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.12055	0.13249	0.057595	-0.69112
St. deviation:	0.49761	1.7252	0.67192	1.5314
Maximum:	4.9000	12.300	4.9000	6.7000
Minimum:	-12.600	-14.700	-3.4000	-7.2000

Number of data:	15400.	15400.	11750.	11750.
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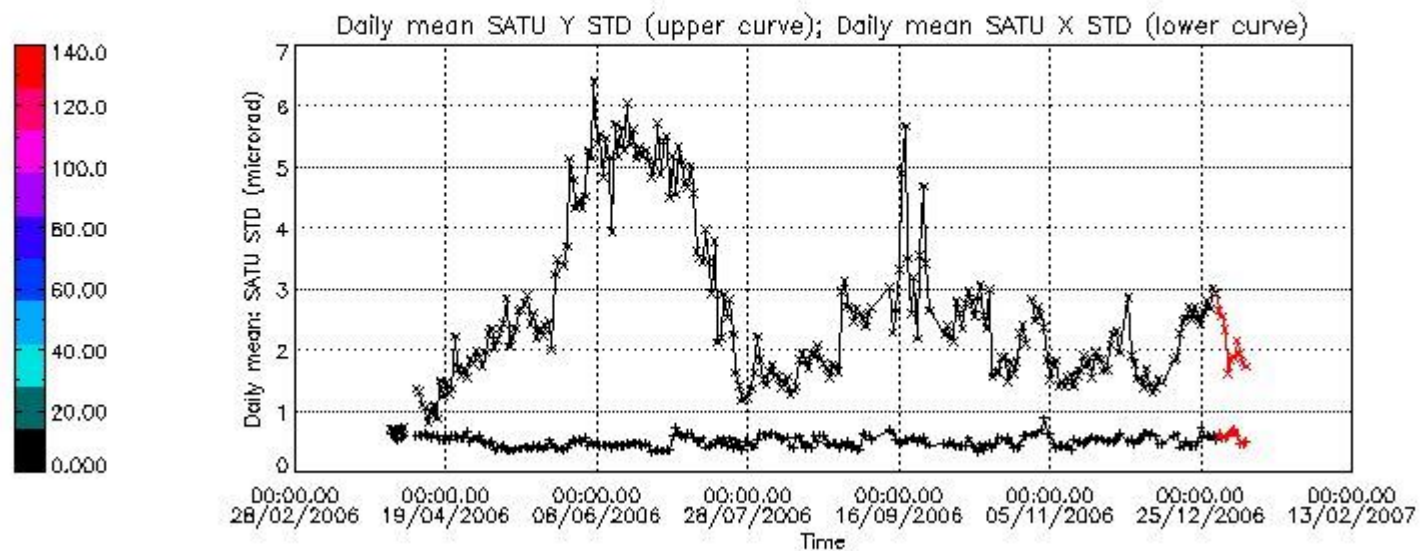
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

The long term trend of the SATU 'X' and 'Y' standard deviations should be constant during the whole mission.

The colorbar represents the start tangent altitude (km) of the occultations.

Upper curve: STD of SATU Y axis

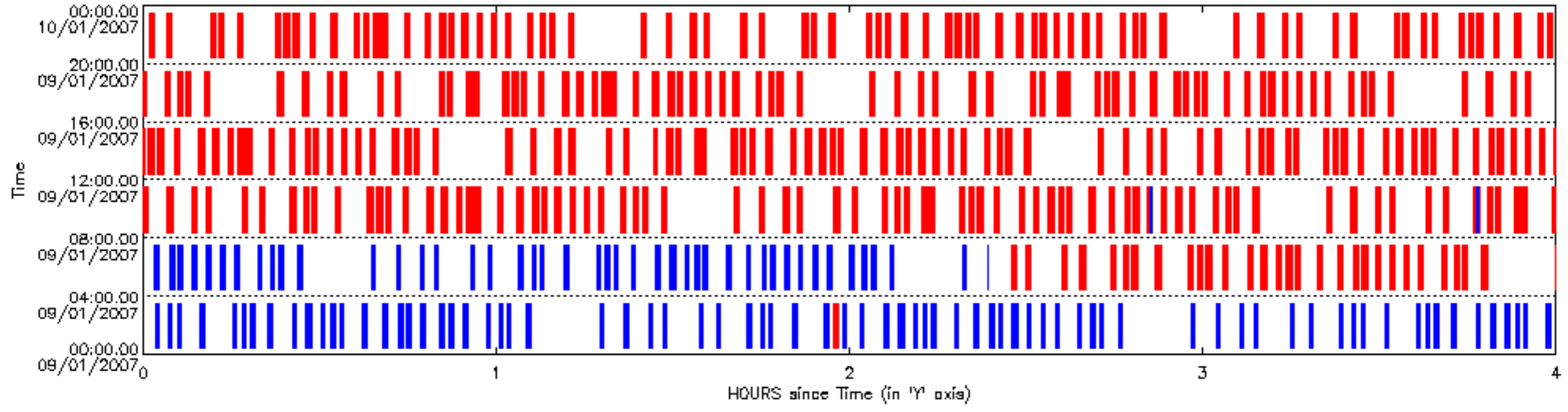
Lower curve: STD of SATU X axis

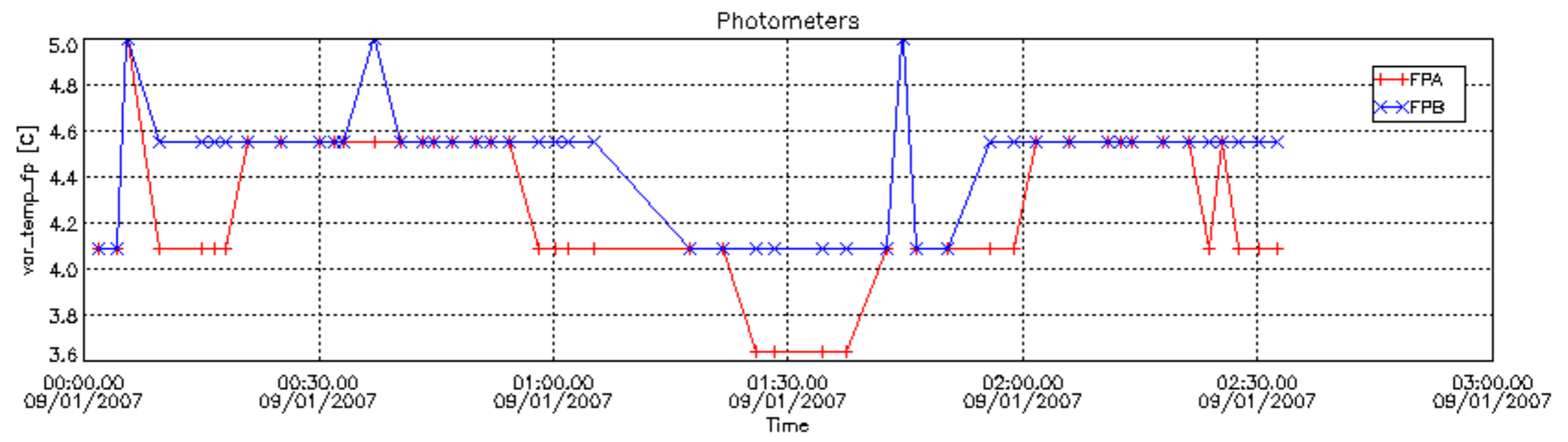
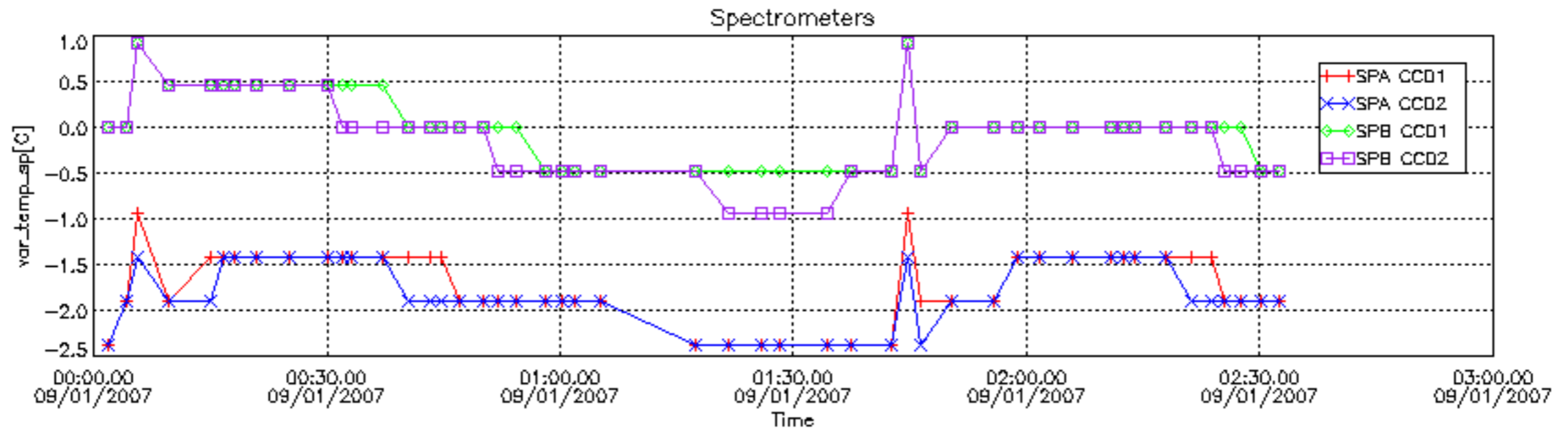


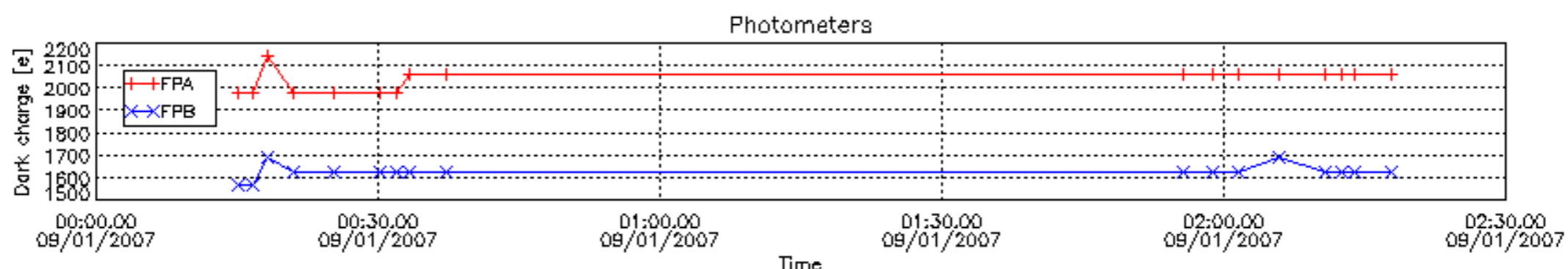
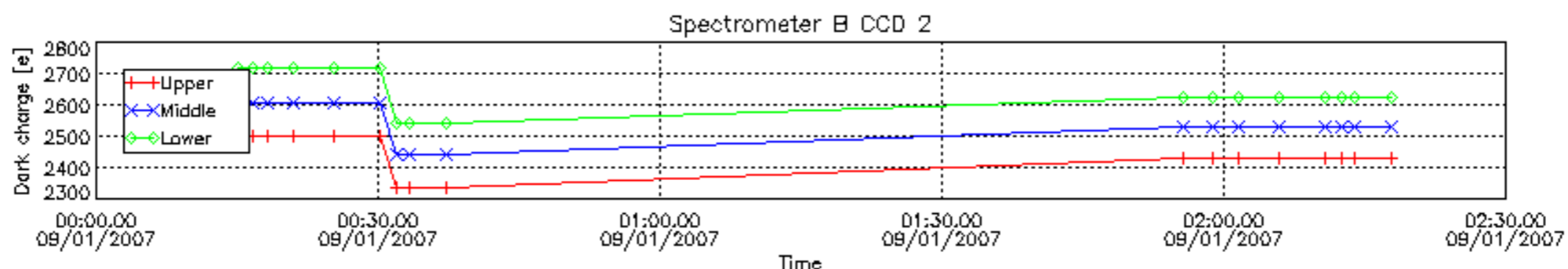
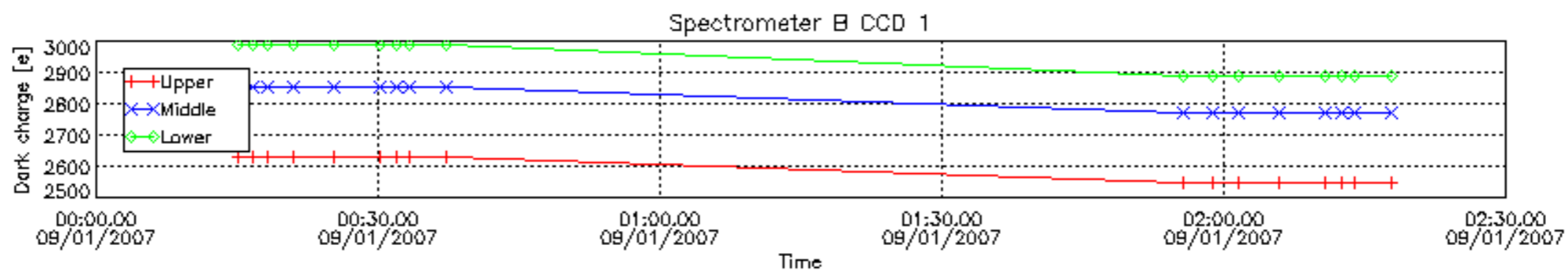
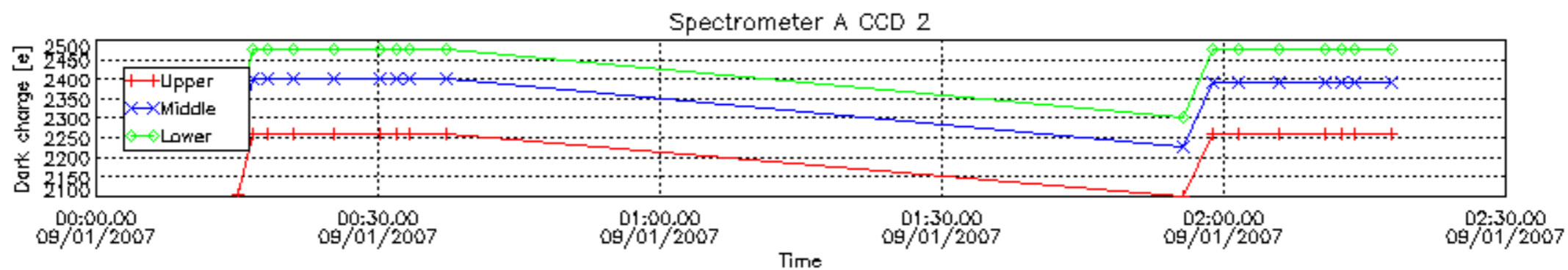
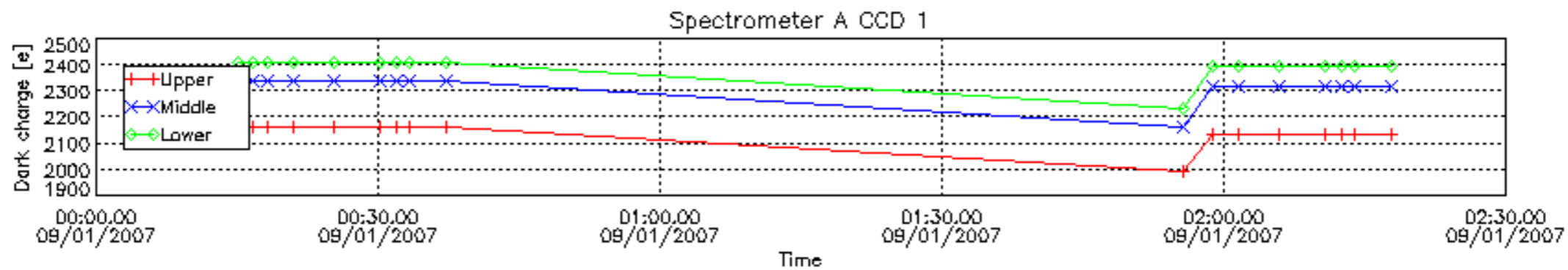
8. Auxiliary Data Files used for the production reported in section 2.4

The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

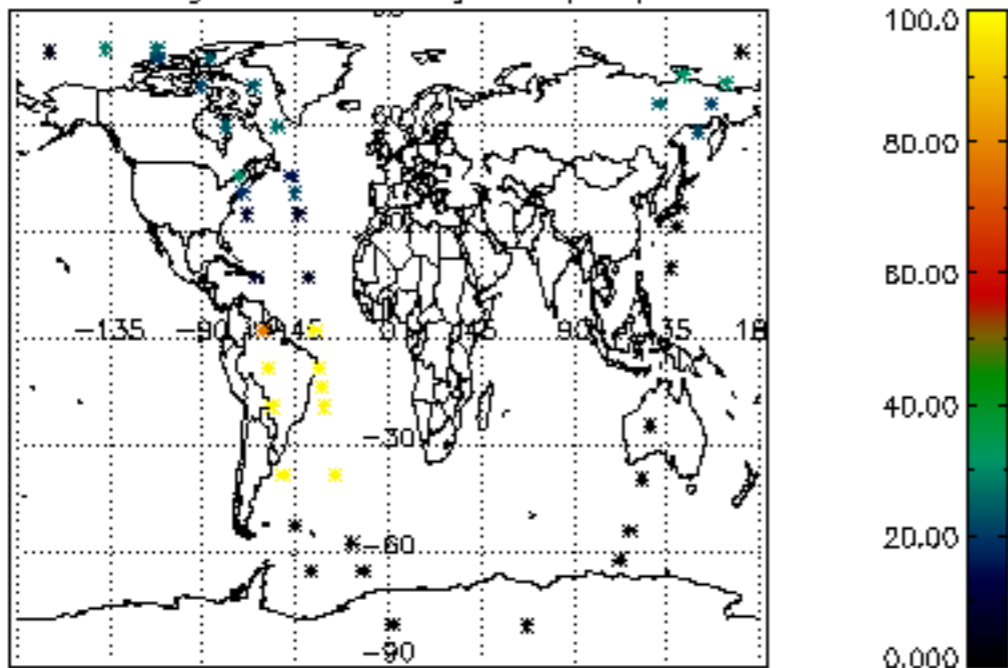
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	09-JAN-2007 00:01:57
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20070105_103648_20070104_000000_20100101_000000	1	09-JAN-2007 00:01:57
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	09-JAN-2007 00:01:57
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	09-JAN-2007 00:01:57
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	09-JAN-2007 00:01:57
ECMWF_FILE	AUX_ECF_AXNECM20070108_061846_20070108_210000_20070109_090000	1	09-JAN-2007 00:01:57
OPTIONAL_ECMWF_FILE	MISSING	1	09-JAN-2007 00:01:57
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20070108_222334_000057382054_00301_25405_2536.N1	1	09-JAN-2007 00:01:57
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20070109_000431_000057382054_00302_25406_2537.N1	32	09-JAN-2007 01:44:46



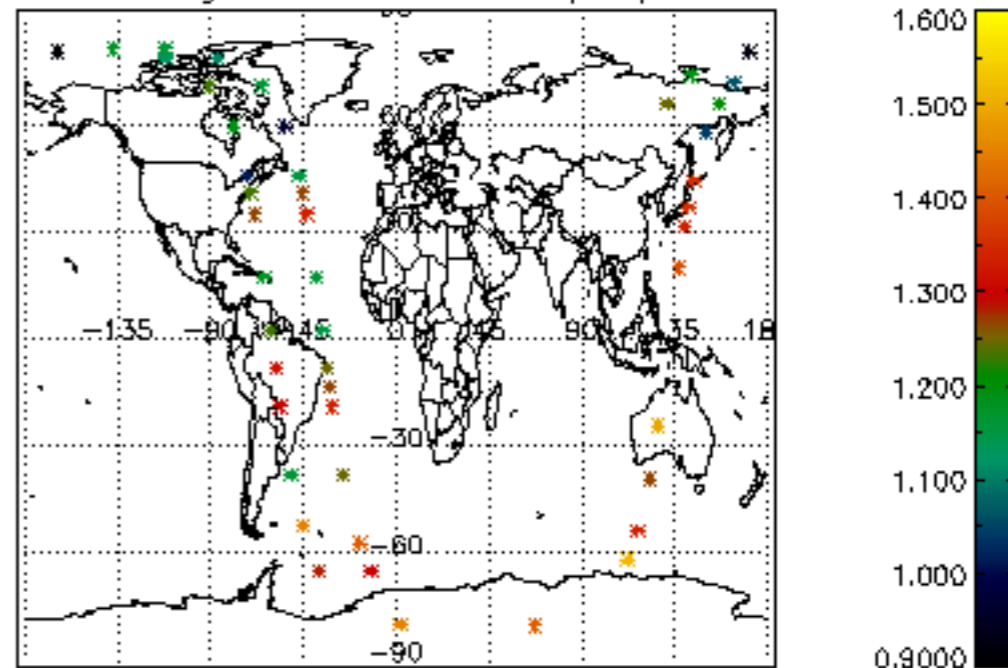




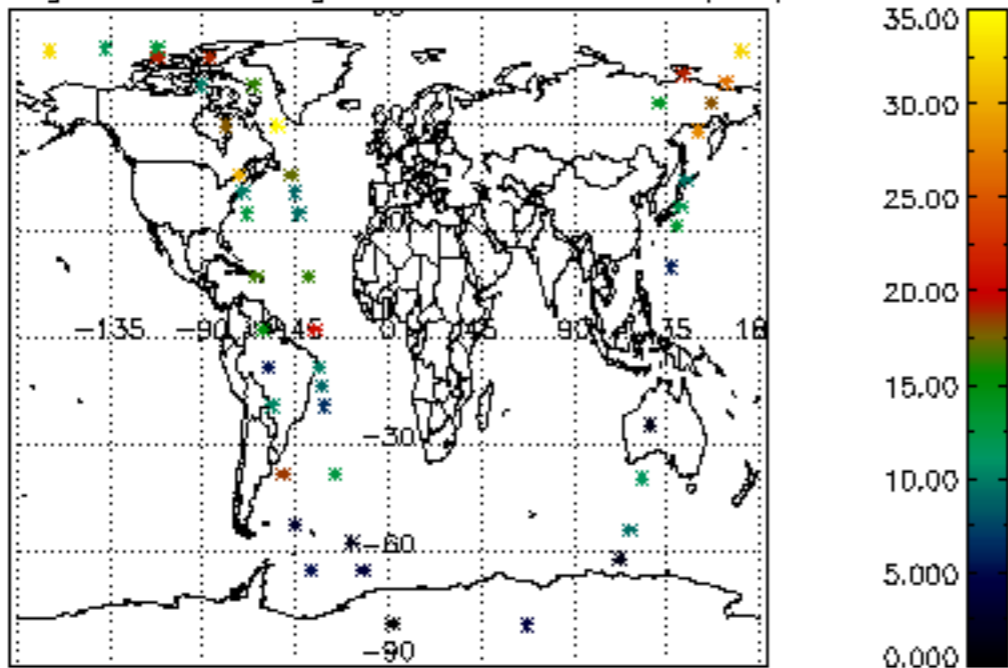
Percentage of cosmic ray hits per profile



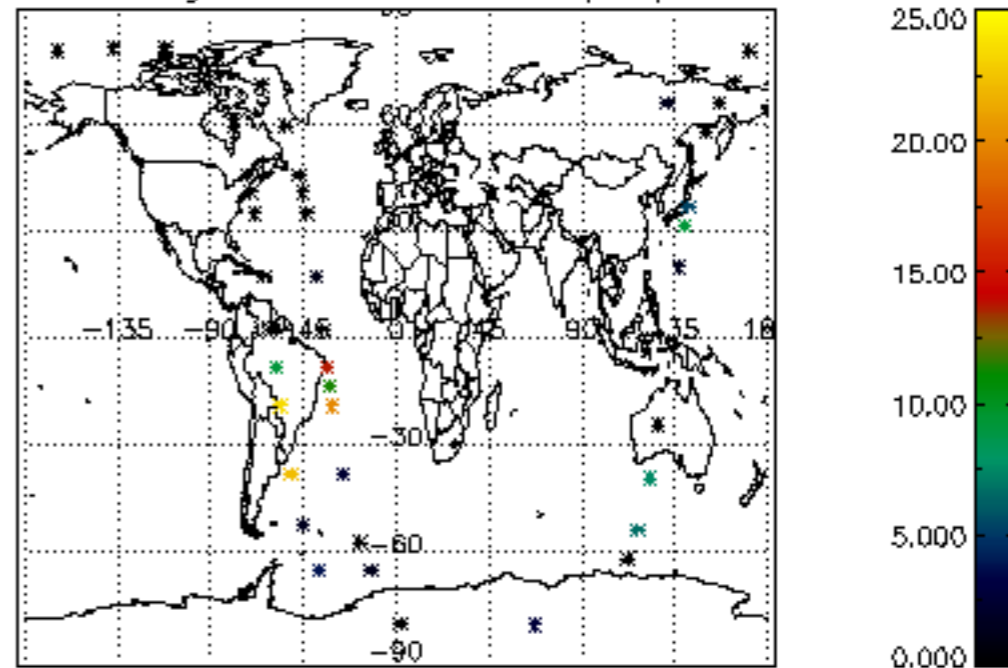
Percentage of datation errors per profile



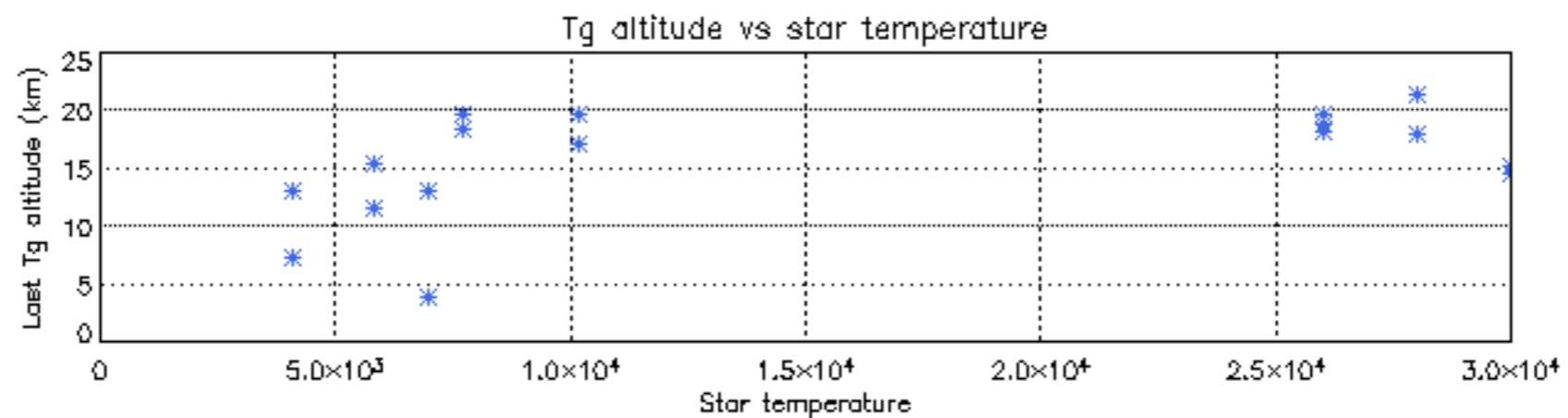
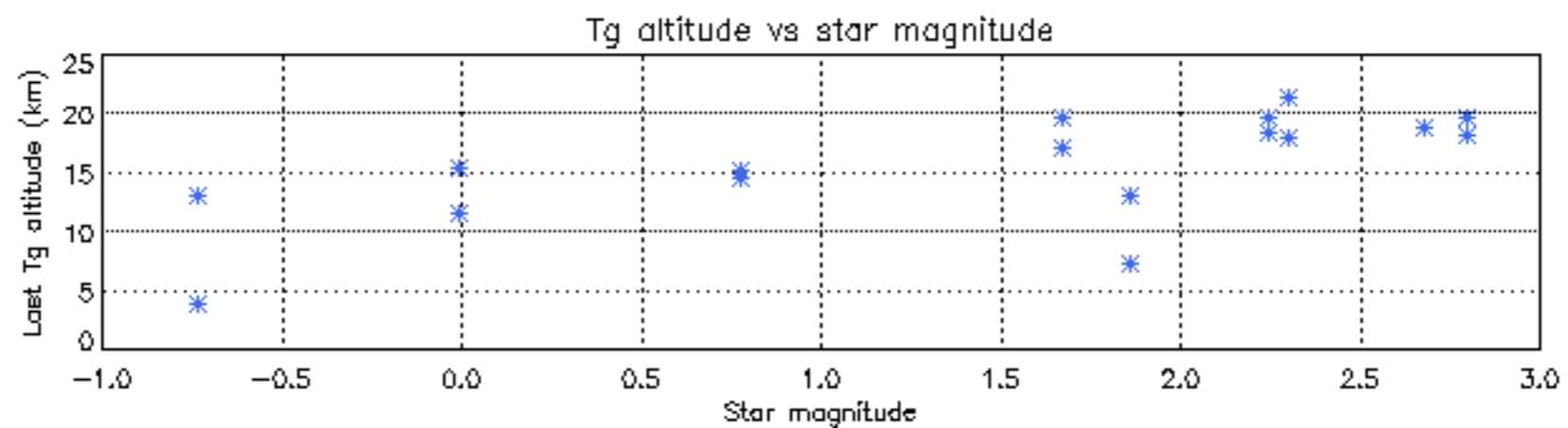
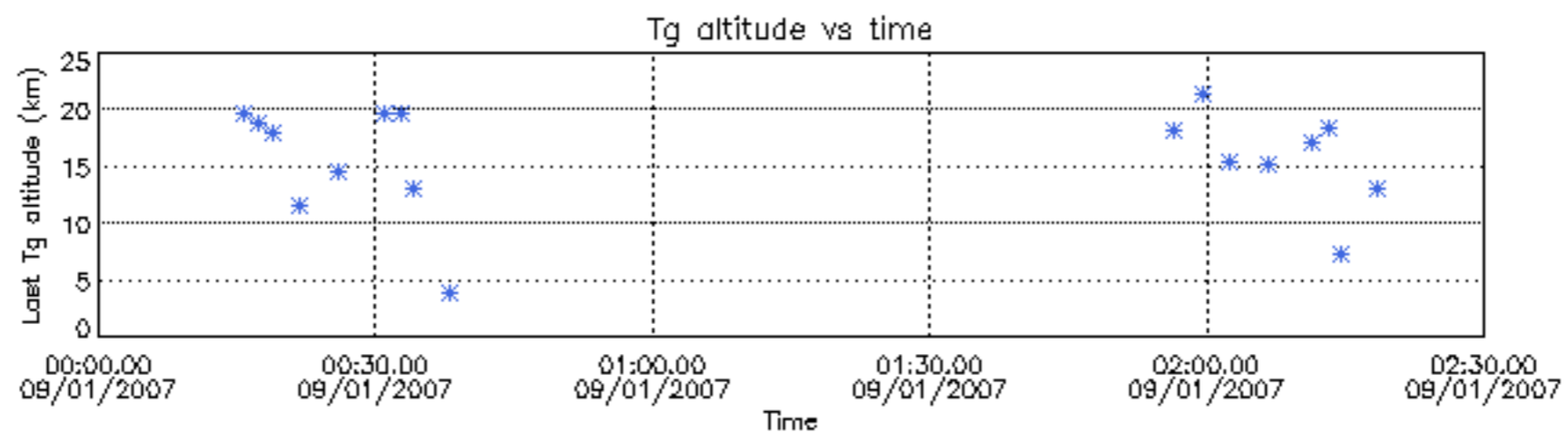
Percentage of star falling outside central band per profile



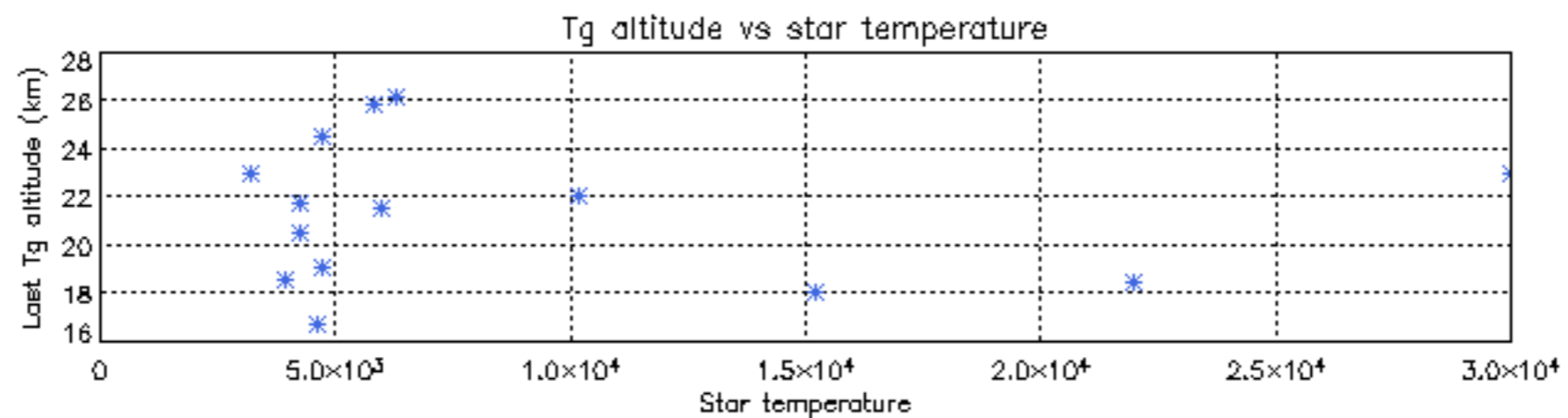
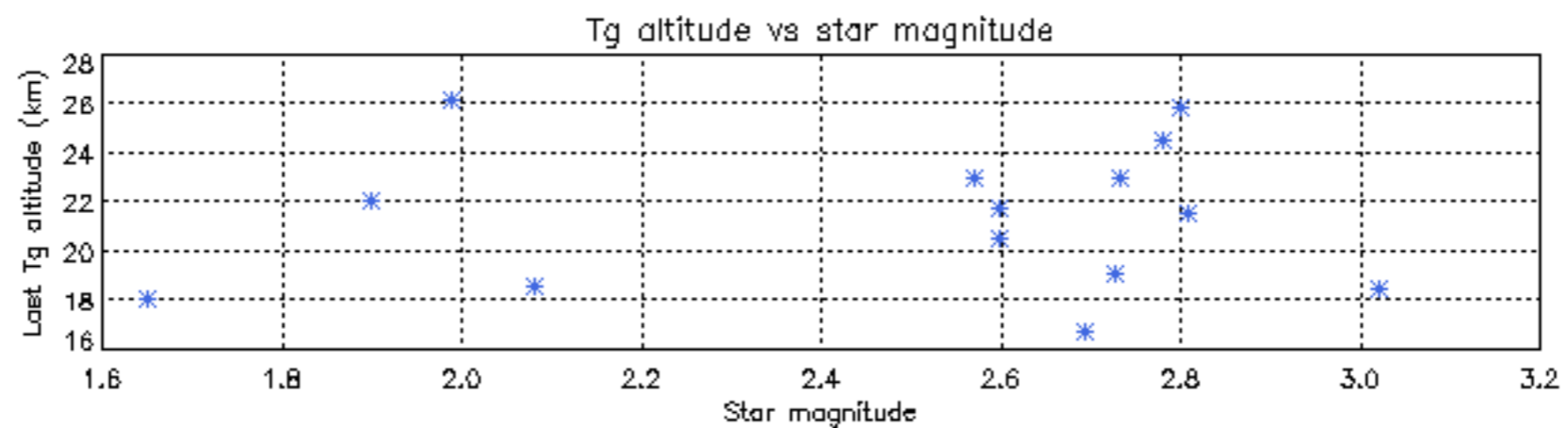
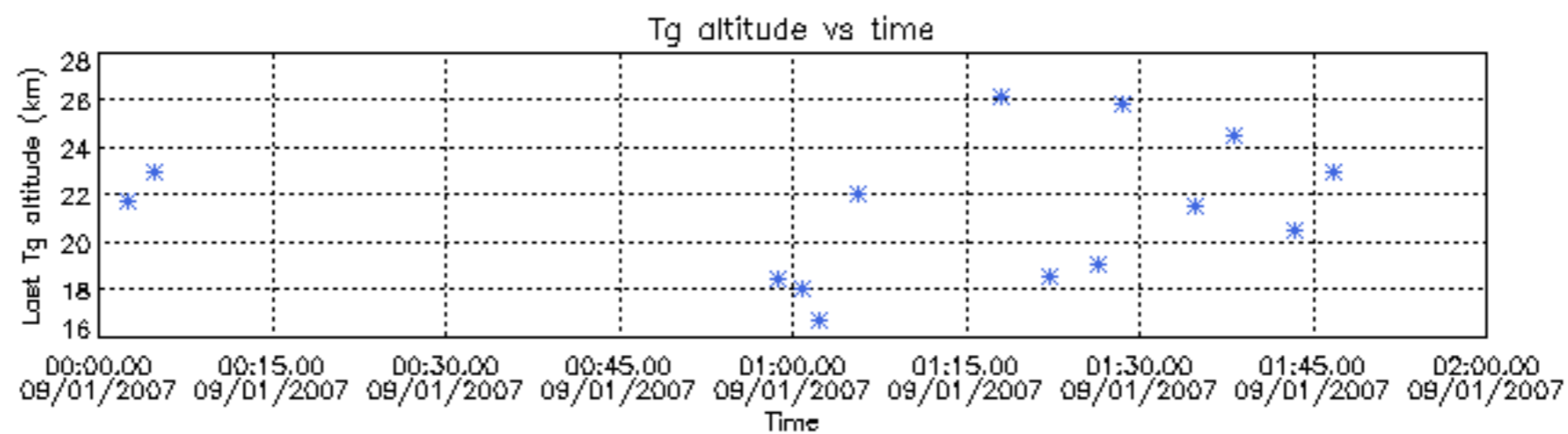
Percentage of saturation errors per profile

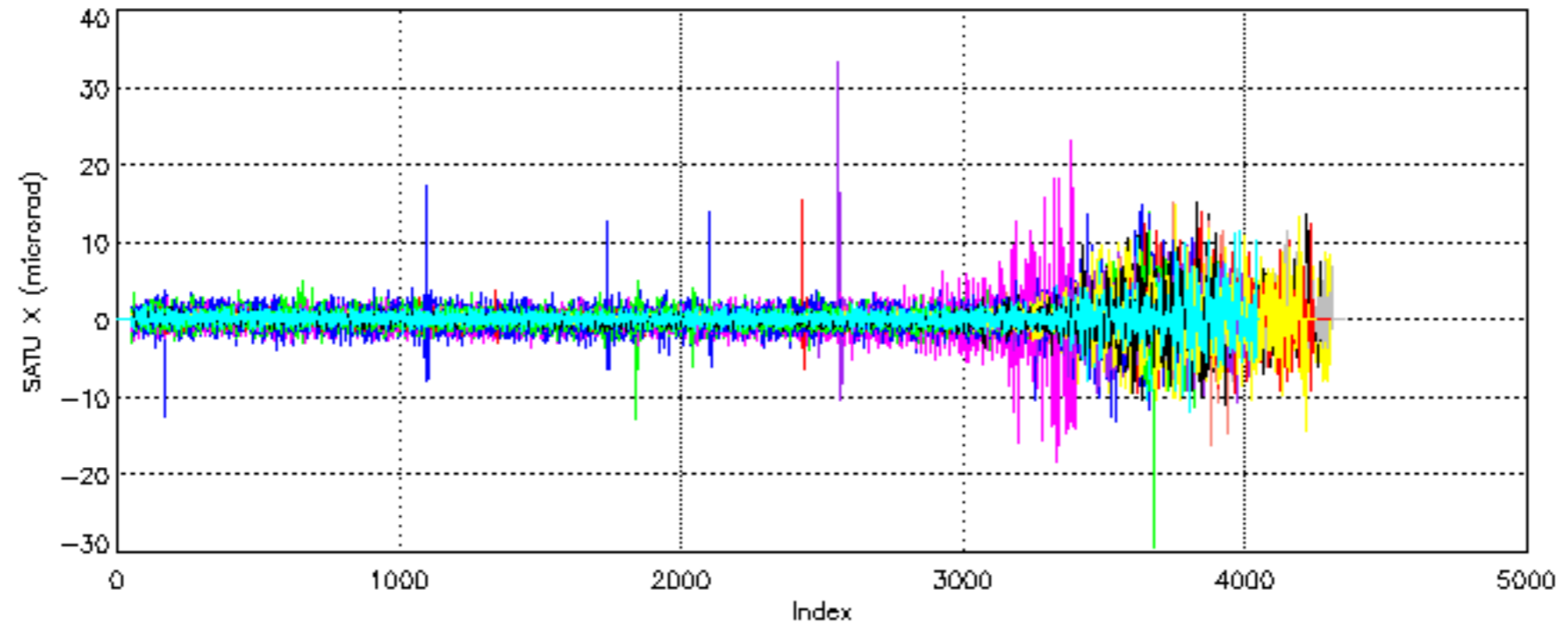


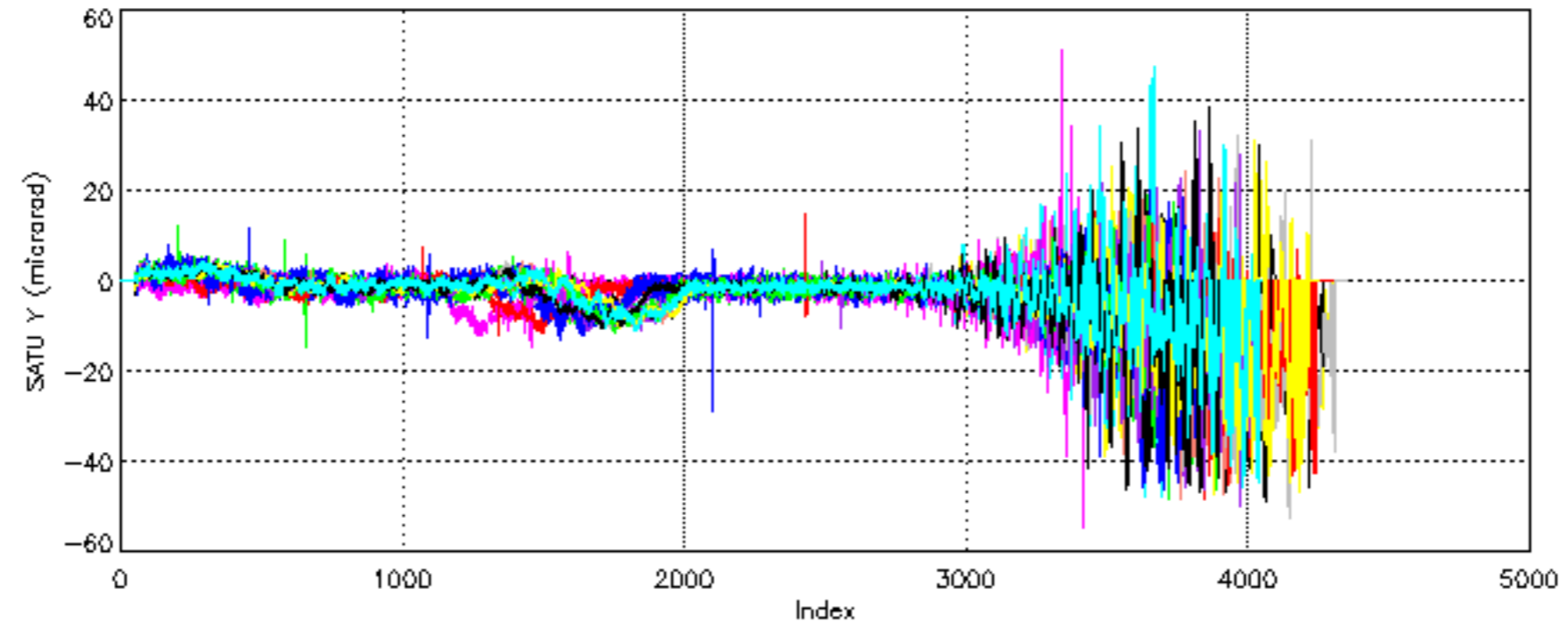
Tangent altitude at which the star is lost

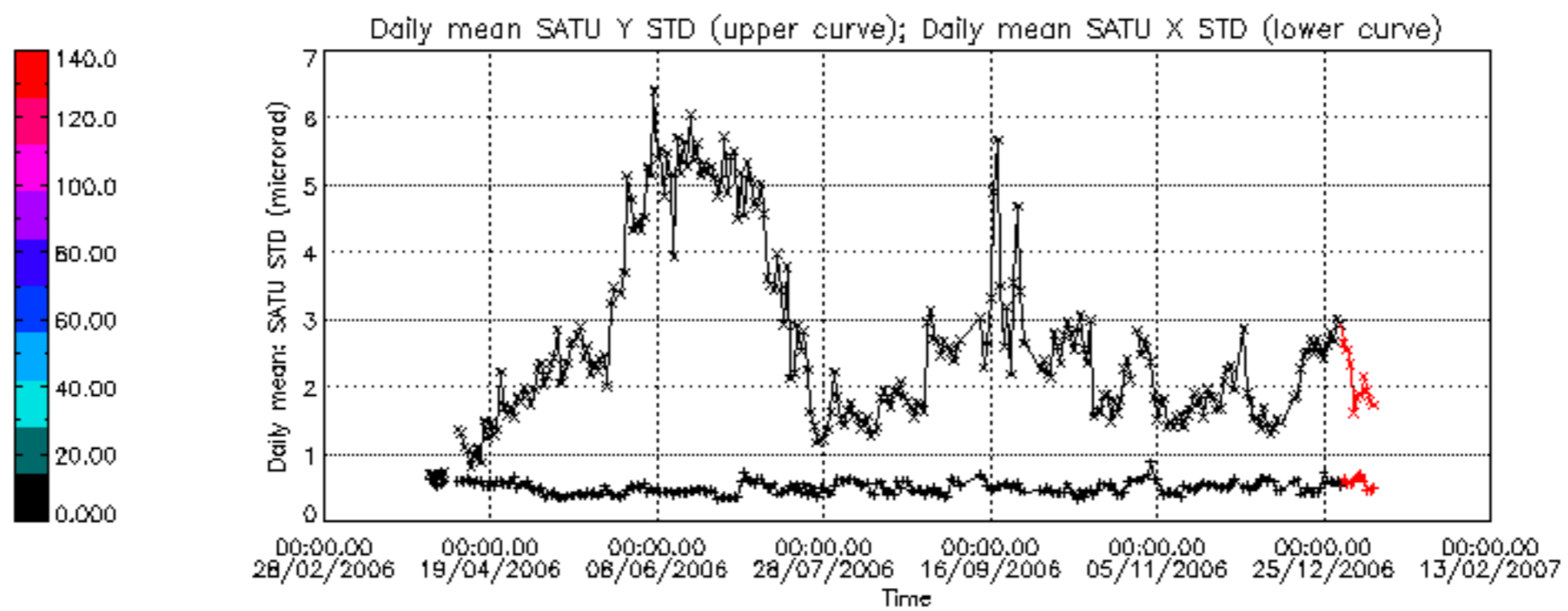


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20070101_010046_000043812054_00188_25292_2722.N1

1; -684.5; 01-JAN-2007 01:00:46; Dark ; 42.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 85; 0;25292
 2; -193.3; 01-JAN-2007 01:08:57; Dark ; 40.0; 78; Alp Lup ; 2.30; 28000;occ; 80; 0;25292
 3; -105.1; 01-JAN-2007 01:10:25; Dark ; 40.0; 95; Zet Cen ; 2.55; 26000;occ; 80; 0;25292
 4; 38.6; 01-JAN-2007 01:12:49; Dark ; 42.0; 10; Bet Cen ; 0.61; 28000;occ; 84; 0;25293
 5; 228.2; 01-JAN-2007 01:15:58; Dark ; 49.0; 12; Alp1Cru ; 0.77; 30000;occ; 98; 0;25293
 6; 429.2; 01-JAN-2007 01:19:19; Dark ; 38.5; 124; The Car ; 2.76; 30000;occ; 77; 0;25293
 7; 546.4; 01-JAN-2007 01:21:17; Dark ; 39.0; 29; Bet Car ; 1.67; 10200;occ; 78; 0;25293
 8; 629.3; 01-JAN-2007 01:22:40; Dark ; 39.5; 71; Iot Car ; 2.25; 7700;occ; 79; 0;25293
 9; 731.4; 01-JAN-2007 01:24:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25293
 10; 978.2; 01-JAN-2007 01:28:28; Dark ; 52.5; 2; Alp Car ; -0.74; 7000;occ; 105; 0;25293
 11; 1171.6; 01-JAN-2007 01:31:42; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;25293
 12; 1340.2; 01-JAN-2007 01:34:30; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;25293
 13; 1569.2; 01-JAN-2007 01:38:19; Dark ; 43.0; 47; 2Bet CMA ; 1.98; 28000;occ; 86; 0;25293
 14; 1769.4; 01-JAN-2007 01:41:40; Dark ; 45.0; 7; 19Bet Ori ; 0.10; 14000;occ; 90; 0;25293
 15; 1881.5; 01-JAN-2007 01:43:32; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;25293
 16; 2033.3; 01-JAN-2007 01:46:04; Dark ; 52.5; 14; 58Alp Ori ; 0.87; 3000;occ; 105; 0;25293
 17; 2271.5; 01-JAN-2007 01:50:02; Bright; 37.5; 176; 23Zet Tau ; 3.02; 22000;occ; 75; 0;25293
 18; 2397.8; 01-JAN-2007 01:52:08; Bright; 38.5; 28; 12Bet Tau ; 1.65; 15200;occ; 77; 0;25293
 19; 2472.5; 01-JAN-2007 01:53:23; Bright; 38.0; 114; 3Iot Aur ; 2.69; 4600;occ; 76; 0;25293
 20; 2568.2; 01-JAN-2007 01:54:58; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;25293
 21; 2693.1; 01-JAN-2007 01:57:03; Bright; 41.0; 6; 13Alp Aur ; 0.08; 3400;occ; 82; 0;25293
 22; 3423.2; 01-JAN-2007 02:09:13; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;25293
 23; 3691.3; 01-JAN-2007 02:13:42; Bright; 5.5; 60; 7Bet UMi ; 2.08; 3950;occ; 11; 0;25293

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20070101_021342_000058022054_00189_25293_2723.N1

1; -2344.6; 01-JAN-2007 02:13:42; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;25293
 2; -2114.0; 01-JAN-2007 02:17:32; Bright; 36.0; 119; 14Eta Dra ; 2.73; 4700;occ; 72; 0;25293
 3; -1490.4; 01-JAN-2007 02:27:56; Bright; 37.0; 67; 5Alp CrB ; 2.22; 11000;occ; 74; 0;25293
 4; -1146.0; 01-JAN-2007 02:33:40; Bright; 35.5; 102; 24Alp Ser ; 2.60; 4250;occ; 71; 0;25293
 5; -842.6; 01-JAN-2007 02:38:44; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;25293
 6; -281.2; 01-JAN-2007 02:48:05; Dark ; 38.0; 109; Bet Lup ; 2.68; 26000;occ; 76; 0;25293
 7; -192.8; 01-JAN-2007 02:49:33; Dark ; 37.5; 78; Alp Lup ; 2.30; 28000;occ; 75; 0;25293
 8; -104.3; 01-JAN-2007 02:51:02; Dark ; 39.0; 95; Zet Cen ; 2.55; 26000;occ; 78; 0;25293
 9; 39.0; 01-JAN-2007 02:53:25; Dark ; 46.5; 10; Bet Cen ; 0.61; 28000;occ; 93; 0;25294
 10; 228.9; 01-JAN-2007 02:56:35; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;25294
 11; 429.7; 01-JAN-2007 02:59:56; Dark ; 38.5; 124; The Car ; 2.76; 30000;occ; 77; 0;25294
 12; 547.0; 01-JAN-2007 03:01:53; Dark ; 38.5; 29; Bet Car ; 1.67; 10200;occ; 77; 0;25294
 13; 629.9; 01-JAN-2007 03:03:16; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;25294
 14; 732.0; 01-JAN-2007 03:04:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25294
 15; 978.5; 01-JAN-2007 03:09:05; Dark ; 44.0; 2; Alp Car ; -0.74; 7000;occ; 88; 0;25294
 16; 1172.1; 01-JAN-2007 03:12:18; Dark ; 44.5; 117; Pi Pup ; 2.71; 3800;occ; 89; 0;25294
 17; 1340.5; 01-JAN-2007 03:15:07; Dark ; 44.5; 23; 21Eps CMA ; 1.50; 26000;occ; 89; 0;25294
 18; 1569.2; 01-JAN-2007 03:18:55; Dark ; 44.5; 47; 2Bet CMA ; 1.98; 28000;occ; 89; 0;25294
 19; 1769.6; 01-JAN-2007 03:22:16; Dark ; 45.0; 7; 19Bet Ori ; 0.10; 14000;occ; 90; 0;25294
 20; 1881.5; 01-JAN-2007 03:24:08; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;25294
 21; 2033.2; 01-JAN-2007 03:26:39; Dark ; 51.5; 14; 58Alp Ori ; 0.87; 3000;occ; 103; 0;25294
 22; 2271.5; 01-JAN-2007 03:30:38; Bright; 38.5; 176; 23Zet Tau ; 3.02; 22000;occ; 77; 0;25294
 23; 2397.7; 01-JAN-2007 03:32:44; Bright; 38.0; 28; 12Bet Tau ; 1.65; 15200;occ; 76; 0;25294
 24; 2472.6; 01-JAN-2007 03:33:59; Bright; 37.5; 114; 3Iot Aur ; 2.69; 4600;occ; 75; 0;25294
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 26; 2693.1; 01-JAN-2007 03:37:39; Bright; 39.0; 6; 13Alp Aur ; 0.08; 3400;occ; 78; 0;25294
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 34; 3423.7; 04-JAN-2007 05:36:10; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;25338
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5; 2267.8; 07-JAN-2007 12:05:02; Bright; 37.0; 176; 23Zet Tau ; 3.02; 22000;occ; 74; 0;25385
6; 2395.3; 07-JAN-2007 12:07:10; Bright; 37.0; 28; 12Bet Tau ; 1.65; 15200;occ; 74; 0;25385
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8; 2689.5; 07-JAN-2007 12:12:04; Bright; 38.0; 6; 13Alp Aur ; 0.08; 3400;occ; 76; 0;25385
9; 3424.0; 07-JAN-2007 12:24:19; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;25385
10; 3680.7; 07-JAN-2007 12:28:35; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;25385
11; 3924.5; 07-JAN-2007 12:32:39; Bright; 35.0; 119; 14Eta Dra ; 2.73; 4700;occ; 70; 0;25385
12; 4063.1; 07-JAN-2007 12:34:58; Bright; 35.5; 130; 23Bet Dra ; 2.80; 5800;occ; 71; 0;25385
13; 4436.2; 07-JAN-2007 12:41:11; Bright; 33.5; 133; 40Zet Her ; 2.81; 6000;occ; 67; 0;25385
14; 4615.2; 07-JAN-2007 12:44:10; Bright; 33.5; 127; 27Bet Her ; 2.78; 4700;occ; 67; 0;25385
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16; 5054.4; 07-JAN-2007 12:51:29; Bright; 35.5; 120; 1Del Oph ; 2.73; 3200;occ; 71; 0;25385
17; 5382.1; 07-JAN-2007 12:56:57; Dark ; 41.5; 80; 7Del Sco ; 2.32; 30000;occ; 83; 0;25385
18; 5708.2; 07-JAN-2007 13:02:23; Dark ; 15.5; 131; Gam Lup ; 2.80; 26000;occ; 31; 0;25385

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3; -147.2; 07-JAN-2007 13:05:23; Dark ; 39.5; 78; Alp Lup ; 2.30; 28000;occ; 79; 0;25385
4; 30.4; 07-JAN-2007 13:08:21; Dark ; 39.5; 4; Alp1Cen ;-0.01; 5800;occ; 79; 0;25386
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3; 579.3; 07-JAN-2007 13:17:30; Dark ; 37.0; 29; Bet Car ; 1.67; 10200;occ; 74; 0;25386
4; 677.7; 07-JAN-2007 13:19:08; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;25386
5; 764.1; 07-JAN-2007 13:20:35; Dark ; 50.5; 41; Eps Car ; 1.86; 4100;occ; 101; 0;25386
6; 1001.0; 07-JAN-2007 13:24:31; Dark ; 47.5; 2; Alp Car ;-0.74; 7000;occ; 95; 0;25386
7; 1203.4; 07-JAN-2007 13:27:54; Dark ; 46.0; 117; Pi Pup ; 2.71; 3800;occ; 92; 0;25386
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3; 1889.0; 07-JAN-2007 13:39:19; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;25386
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11; 3924.8; 07-JAN-2007 14:13:15; Bright; 35.0; 119; 14Eta Dra ; 2.73; 4700;occ; 70; 0;25386
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14; 4615.5; 07-JAN-2007 14:24:46; Bright; 34.0; 127; 27Bet Her ; 2.78; 4700;occ; 68; 0;25386
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16; 5054.8; 07-JAN-2007 14:32:05; Bright; 35.0; 120; 1Del Oph ; 2.73; 3200;occ; 70; 0;25386
17; 5382.5; 07-JAN-2007 14:37:33; Dark ; 41.5; 80; 7Del Sco ; 2.32; 30000;occ; 83; 0;25386
18; 5708.7; 07-JAN-2007 14:42:59; Dark ; 38.0; 131; Gam Lup ; 2.80; 26000;occ; 76; 0;25386
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22; 6313.4; 07-JAN-2007 14:53:04; Dark ; 42.0; 12; Alp1Cru ; 0.77; 30000;occ; 84; 0;25386
23; 6462.0; 07-JAN-2007 14:55:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25386
24; 6615.6; 07-JAN-2007 14:58:06; Dark ; 38.0; 29; Bet Car ; 1.67; 10200;occ; 76; 0;25386
25; 6714.1; 07-JAN-2007 14:59:45; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;25386
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12; 3924.7; 07-JAN-2007 15:53:51; Bright; 34.5; 119; 14Eta Dra ; 2.73; 4700;occ; 69; 0;25387
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14; 4436.9; 07-JAN-2007 16:02:23; Bright; 52.0; 133; 40Zet Her ; 2.81; 6000;occ; 104; 0;25387
15; 4615.8; 07-JAN-2007 16:05:22; Bright; 35.0; 127; 27Bet Her ; 2.78; 4700;occ; 70; 0;25387
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26; 6714.8; 07-JAN-2007 16:40:21; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;25387
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6; 2031.4; 07-JAN-2007 17:02:54; Dark ; 49.5; 14; 58Alp Ori ; 0.87; 3000;occ; 99; 0;25388
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13;	1226.3;	13-JAN-2007 00:14:58;	Dark ;	44.5;	117;	Pi Pup ;	2.71;	3800;occ;	89;	0;25464
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4;	-1589.4;	12-JAN-2007 06:42:03;	Bright;	35.0;	133;	40Zet Her ;	2.81;	6000;occ;	70;	0;25453
5;	-1406.7;	12-JAN-2007 06:45:06;	Bright;	36.0;	127;	27Bet Her ;	2.78;	4700;occ;	72;	0;25453
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7;	2674.8;	12-JAN-2007 07:53:07;	Bright;	36.0;	42;	34Bet Aur ;	1.90;	10200;occ;	72;	0;25454
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13; 4446.7; 12-JAN-2007 10:03:15; Bright; 35.0; 133; 40Zet Her ; 2.81; 6000;occ; 70; 0;25455
14; 4629.7; 12-JAN-2007 10:06:18; Bright; 35.0; 127; 27Bet Her ; 2.78; 4700;occ; 70; 0;25455
15; 5079.0; 12-JAN-2007 10:13:47; Bright; 39.0; 120; 1Del Oph ; 2.73; 3200;occ; 78; 0;25455
16; 5164.2; 12-JAN-2007 10:15:13; Bright; 52.0; 98; 13Zet Oph ; 2.57; 30000;occ; 104; 0;25455
17; 5431.0; 12-JAN-2007 10:19:39; Dark ; 49.0; 16; 21Alp Sco ; 1.02; 3000;occ; 98; 0;25455
18; 5739.0; 12-JAN-2007 10:24:47; Dark ; 38.0; 131; Gam Lup ; 2.80; 26000;occ; 76; 0;25455
19; 5838.1; 12-JAN-2007 10:26:27; Dark ; 39.0; 109; Bet Lup ; 2.68; 26000;occ; 78; 0;25455
20; 5928.8; 12-JAN-2007 10:27:57; Dark ; 38.5; 78; Alp Lup ; 2.30; 28000;occ; 77; 0;25455
21; 6043.3; 12-JAN-2007 10:29:52; Dark ; 41.5; 95; Zet Cen ; 2.55; 26000;occ; 83; 0;25455
22; 6147.2; 12-JAN-2007 10:31:36; Dark ; 44.5; 10; Bet Cen ; 0.61; 28000;occ; 89; 0;25455
23; 6302.5; 12-JAN-2007 10:34:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25455
24; 6548.4; 12-JAN-2007 10:38:17; Dark ; 38.5; 124; The Car ; 2.76; 30000;occ; 77; 0;25455
25; 6638.6; 12-JAN-2007 10:39:47; Dark ; 37.5; 29; Bet Car ; 1.67; 10200;occ; 75; 0;25455
26; 6747.4; 12-JAN-2007 10:41:36; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;25455
27; 6826.9; 12-JAN-2007 10:42:55; Dark ; 51.0; 41; Eps Car ; 1.86; 4100;occ; 102; 0;25455
28; 7025.6; 12-JAN-2007 10:46:14; Dark ; 40.0; 34; Gam2Vel ; 1.79; 23000;occ; 80; 0;25455
29; 7155.1; 12-JAN-2007 10:48:24; Dark ; 43.5; 70; Zet Pup ; 2.25; 39000;occ; 87; 0;25455
30; 7260.2; 12-JAN-2007 10:50:09; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;25455
31; 7416.1; 12-JAN-2007 10:52:45; Dark ; 42.0; 23; 21Eps CMA ; 1.50; 26000;occ; 84; 0;25455
32; 7502.5; 12-JAN-2007 10:54:11; Dark ; 41.5; 179; 240mi2CMA ; 3.03; 24000;occ; 83; 0;25455
33; 7638.4; 12-JAN-2007 10:56:27; Dark ; 46.0; 1; 9Alp CMA ; -1.44; 11000;occ; 92; 0;25455

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2; 1820.5; 12-JAN-2007 11:00:05; Dark ; 38.0; 125; 44Iot Ori ; 2.77; 30000;occ; 76; 0;25456
3; 1898.2; 12-JAN-2007 11:01:22; Dark ; 40.0; 30; 46Eps Ori ; 1.69; 30000;occ; 80; 0;25456
4; 2034.7; 12-JAN-2007 11:03:39; Dark ; 43.0; 14; 58Alp Ori ; 0.87; 3000;occ; 86; 0;25456
5; 2193.6; 12-JAN-2007 11:06:18; Dark ; 25.0; 44; 24Gam Gem ; 1.93; 11000;occ; 50; 0;25456
6; 2271.0; 12-JAN-2007 11:07:35; Bright; 35.0; 176; 23Zet Tau ; 3.02; 22000;occ; 70; 0;25456
7; 2399.4; 12-JAN-2007 11:09:44; Bright; 36.5; 28; 12Bet Tau ; 1.65; 15200;occ; 73; 0;25456
8; 2490.2; 12-JAN-2007 11:11:14; Bright; 37.0; 114; 3Iot Aur ; 2.69; 4600;occ; 74; 0;25456
9; 2674.6; 12-JAN-2007 11:14:19; Bright; 36.5; 42; 34Bet Aur ; 1.90; 10200;occ; 73; 0;25456
10; 3424.6; 12-JAN-2007 11:26:49; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;25456
11; 3670.9; 12-JAN-2007 11:30:55; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;25456
12; 3924.0; 12-JAN-2007 11:35:08; Bright; 34.0; 119; 14Eta Dra ; 2.73; 4700;occ; 68; 0;25456
13; 4071.9; 12-JAN-2007 11:37:36; Bright; 33.5; 130; 23Bet Dra ; 2.80; 5800;occ; 67; 0;25456
14; 4446.8; 12-JAN-2007 11:43:51; Bright; 36.5; 133; 40Zet Her ; 2.81; 6000;occ; 73; 0;25456
15; 4629.9; 12-JAN-2007 11:46:54; Bright; 3.5; 127; 27Bet Her ; 2.78; 4700;occ; 7; 0;25456

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1; -1402.5; 12-JAN-2007 11:46:58; Bright; 35.5; 127; 27Bet Her ; 2.78; 4700;occ; 71; 7;25456
2; -956.5; 12-JAN-2007 11:54:24; Bright; 55.0; 120; 1Del Oph ; 2.73; 3200;occ; 110; 0;25456
3; -871.4; 12-JAN-2007 11:55:49; Bright; 34.5; 98; 13Zet Oph ; 2.57; 30000;occ; 69; 0;25456
4; -604.6; 12-JAN-2007 12:00:16; Dark ; 44.5; 16; 21Alp Sco ; 1.02; 3000;occ; 89; 0;25456
5; -296.4; 12-JAN-2007 12:05:24; Dark ; 39.0; 131; Gam Lup ; 2.80; 26000;occ; 78; 0;25456
6; -197.2; 12-JAN-2007 12:07:03; Dark ; 41.5; 109; Bet Lup ; 2.68; 26000;occ; 83; 0;25456
7; -106.5; 12-JAN-2007 12:08:34; Dark ; 38.5; 78; Alp Lup ; 2.30; 28000;occ; 77; 0;25456
8; 8.2; 12-JAN-2007 12:10:28; Dark ; 41.5; 95; Zet Cen ; 2.55; 26000;occ; 83; 0;25457
9; 111.8; 12-JAN-2007 12:12:12; Dark ; 47.5; 10; Bet Cen ; 0.61; 28000;occ; 95; 0;25457
10; 266.9; 12-JAN-2007 12:14:47; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25457
11; 513.1; 12-JAN-2007 12:18:53; Dark ; 38.5; 124; The Car ; 2.76; 30000;occ; 77; 0;25457
12; 603.0; 12-JAN-2007 12:20:23; Dark ; 36.5; 29; Bet Car ; 1.67; 10200;occ; 73; 0;25457
13; 712.0; 12-JAN-2007 12:22:12; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;25457
14; 791.4; 12-JAN-2007 12:23:32; Dark ; 50.5; 41; Eps Car ; 1.86; 4100;occ; 101; 0;25457
15; 990.2; 12-JAN-2007 12:26:50; Dark ; 39.5; 34; Gam2Vel ; 1.79; 23000;occ; 79; 0;25457
16; 1119.6; 12-JAN-2007 12:29:00; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;25457
17; 1224.6; 12-JAN-2007 12:30:45; Dark ; 46.0; 117; Pi Pup ; 2.71; 3800;occ; 92; 0;25457
18; 1380.5; 12-JAN-2007 12:33:21; Dark ; 43.0; 23; 21Eps CMa ; 1.50; 26000;occ; 86; 0;25457
19; 1466.8; 12-JAN-2007 12:34:47; Dark ; 41.0; 179; 240mi2CMa ; 3.03; 24000;occ; 82; 0;25457
20; 1602.7; 12-JAN-2007 12:37:03; Dark ; 3.5; 1; 9Alp CMa ; -1.44; 11000;occ; 7; 0;25457

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2; 1751.0; 12-JAN-2007 12:39:31; Dark ; 39.5; 56; 53Kap Ori ; 2.07; 30000;occ; 79; 0;25457
3; 1820.7; 12-JAN-2007 12:40:41; Dark ; 38.5; 125; 44Iot Ori ; 2.77; 30000;occ; 77; 0;25457
4; 1898.4; 12-JAN-2007 12:41:59; Dark ; 40.0; 30; 46Eps Ori ; 1.69; 30000;occ; 80; 0;25457
5; 2034.8; 12-JAN-2007 12:44:15; Dark ; 45.0; 14; 58Alp Ori ; 0.87; 3000;occ; 90; 0;25457
6; 2193.5; 12-JAN-2007 12:46:54; Dark ; 25.0; 44; 24Gam Gem ; 1.93; 11000;occ; 50; 0;25457
7; 2271.0; 12-JAN-2007 12:48:11; Bright; 37.5; 176; 23Zet Tau ; 3.02; 22000;occ; 75; 0;25457
8; 2399.5; 12-JAN-2007 12:50:20; Bright; 36.0; 28; 12Bet Tau ; 1.65; 15200;occ; 72; 0;25457
9; 2490.5; 12-JAN-2007 12:51:51; Bright; 36.5; 114; 3Iot Aur ; 2.69; 4600;occ; 73; 0;25457
10; 2674.6; 12-JAN-2007 12:54:55; Bright; 36.5; 42; 34Bet Aur ; 1.90; 10200;occ; 73; 0;25457
11; 3424.7; 12-JAN-2007 13:07:25; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;25457
12; 3670.7; 12-JAN-2007 13:11:31; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;25457
13; 3923.9; 12-JAN-2007 13:15:44; Bright; 35.5; 119; 14Eta Dra ; 2.73; 4700;occ; 71; 0;25457
14; 4072.5; 12-JAN-2007 13:18:13; Bright; 34.5; 130; 23Bet Dra ; 2.80; 5800;occ; 69; 0;25457
15; 4447.1; 12-JAN-2007 13:24:27; Bright; 38.0; 133; 40Zet Her ; 2.81; 6000;occ; 76; 0;25457
16; 4630.2; 12-JAN-2007 13:27:30; Bright; 54.0; 127; 27Bet Her ; 2.78; 4700;occ; 108; 0;25457
17; 5079.8; 12-JAN-2007 13:35:00; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;25457
18; 5165.0; 12-JAN-2007 13:36:25; Bright; 35.0; 98; 13Zet Oph ; 2.57; 30000;occ; 70; 0;25457
19; 5431.7; 12-JAN-2007 13:40:52; Dark ; 45.0; 16; 21Alp Sco ; 1.02; 3000;occ; 90; 0;25457
20; 5740.0; 12-JAN-2007 13:46:00; Dark ; 37.5; 131; Gam Lup ; 2.80; 26000;occ; 75; 0;25457
21; 5839.3; 12-JAN-2007 13:47:39; Dark ; 38.5; 109; Bet Lup ; 2.68; 26000;occ; 77; 0;25457
22; 5930.0; 12-JAN-2007 13:49:10; Dark ; 39.5; 78; Alp Lup ; 2.30; 28000;occ; 79; 0;25457
23; 6044.9; 12-JAN-2007 13:51:05; Dark ; 41.5; 95; Zet Cen ; 2.55; 26000;occ; 83; 0;25457
24; 6148.2; 12-JAN-2007 13:52:48; Dark ; 39.5; 10; Bet Cen ; 0.61; 28000;occ; 79; 0;25457
25; 6303.1; 12-JAN-2007 13:55:23; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25457
26; 6549.5; 12-JAN-2007 13:59:30; Dark ; 38.0; 124; The Car ; 2.76; 30000;occ; 76; 0;25457
27; 6639.2; 12-JAN-2007 14:00:59; Dark ; 39.0; 29; Bet Car ; 1.67; 10200;occ; 78; 0;25457
28; 6748.3; 12-JAN-2007 14:02:48; Dark ; 38.5; 71; Iot Car ; 2.25; 7700;occ; 77; 0;25457
29; 6827.7; 12-JAN-2007 14:04:08; Dark ; 38.5; 41; Eps Car ; 1.86; 4100;occ; 77; 0;25457
30; 7026.5; 12-JAN-2007 14:07:27; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;25457
31; 7156.0; 12-JAN-2007 14:09:36; Dark ; 41.0; 70; Zet Pup ; 2.25; 39000;occ; 82; 0;25457
32; 7260.7; 12-JAN-2007 14:11:21; Dark ; 43.0; 117; Pi Pup ; 2.71; 3800;occ; 86; 0;25457
33; 7416.5; 12-JAN-2007 14:13:57; Dark ; 44.0; 23; 21Eps CMa ; 1.50; 26000;occ; 88; 0;25457
34; 7502.8; 12-JAN-2007 14:15:23; Dark ; 4.5; 179; 240mi2CMa ; 3.03; 24000;occ; 9; 0;25457

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1; 1413.6; 12-JAN-2007 14:14:30; Dark ; 44.0; 23; 21Eps CMa ; 1.50; 26000;occ; 88; 66;25458
2; 1467.0; 12-JAN-2007 14:15:23; Dark ; 42.0; 179; 240mi2CMa ; 3.03; 24000;occ; 84; 0;25458
3; 1602.7; 12-JAN-2007 14:17:39; Dark ; 48.0; 1; 9Alp CMa ; -1.44; 11000;occ; 96; 0;25458
4; 1751.2; 12-JAN-2007 14:20:07; Dark ; 39.5; 56; 53Kap Ori ; 2.07; 30000;occ; 79; 0;25458
5; 1820.8; 12-JAN-2007 14:21:17; Dark ; 38.0; 125; 44Iot Ori ; 2.77; 30000;occ; 76; 0;25458
6; 1898.6; 12-JAN-2007 14:22:35; Dark ; 39.5; 30; 46Eps Ori ; 1.69; 30000;occ; 79; 0;25458
7; 2035.0; 12-JAN-2007 14:24:51; Dark ; 10.5; 14; 58Alp Ori ; 0.87; 3000;occ; 21; 0;25458

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1; 2045.5; 12-JAN-2007 14:25:01; Dark ; 46.5; 14; 58Alp Ori ; 0.87; 3000;occ; 93; 21;25458
2; 2193.5; 12-JAN-2007 14:27:30; Dark ; 36.0; 44; 24Gam Gem ; 1.93; 11000;occ; 72; 0;25458
3; 2271.1; 12-JAN-2007 14:28:47; Bright; 36.0; 176; 23Zet Tau ; 3.02; 22000;occ; 72; 0;25458

4;	2399.7;	12-JAN-2007	14:30:56;	Bright;	37.0;	28;	12Bet Tau	;	1.65;	15200;occ;	74;	0;	25458	
5;	2490.6;	12-JAN-2007	14:32:27;	Bright;	38.0;	114;	3Iot Aur	;	2.69;	4600;occ;	76;	0;	25458	
6;	2674.6;	12-JAN-2007	14:35:31;	Bright;	36.0;	42;	34Bet Aur	;	1.90;	10200;occ;	72;	0;	25458	
7;	3424.7;	12-JAN-2007	14:48:01;	Bright;	32.0;	49;	1Alp UMi	;	1.99;	6300;occ;	64;	0;	25458	
8;	3670.7;	12-JAN-2007	14:52:07;	Bright;	37.5;	60;	7Bet UMi	;	2.08;	3950;occ;	75;	0;	25458	
9;	3924.1;	12-JAN-2007	14:56:20;	Bright;	36.0;	119;	14Eta Dra	;	2.73;	4700;occ;	72;	0;	25458	
10;	4072.7;	12-JAN-2007	14:58:49;	Bright;	35.0;	130;	23Bet Dra	;	2.80;	5800;occ;	70;	0;	25458	
11;	4447.3;	12-JAN-2007	15:05:03;	Bright;	34.5;	133;	40Zet Her	;	2.81;	6000;occ;	69;	0;	25458	
12;	4630.5;	12-JAN-2007	15:08:07;	Bright;	36.5;	127;	27Bet Her	;	2.78;	4700;occ;	73;	0;	25458	
13;	5080.2;	12-JAN-2007	15:15:36;	Bright;	38.5;	120;	1Del Oph	;	2.73;	3200;occ;	77;	0;	25458	
14;	5165.5;	12-JAN-2007	15:17:02;	Bright;	53.0;	98;	13Zet Oph	;	2.57;	30000;occ;	106;	0;	25458	
15;	5432.1;	12-JAN-2007	15:21:28;	Dark	;	46.0;	16;	21Alp Sco	;	1.02;	3000;occ;	92;	0;	25458
16;	5740.6;	12-JAN-2007	15:26:37;	Dark	;	37.5;	131;	Gam Lup	;	2.80;	26000;occ;	75;	0;	25458
17;	5840.0;	12-JAN-2007	15:28:16;	Dark	;	38.0;	109;	Bet Lup	;	2.68;	26000;occ;	76;	0;	25458
18;	5930.6;	12-JAN-2007	15:29:47;	Dark	;	39.5;	78;	Alp Lup	;	2.30;	28000;occ;	79;	0;	25458
19;	6045.7;	12-JAN-2007	15:31:42;	Dark	;	41.5;	95;	Zet Cen	;	2.55;	26000;occ;	83;	0;	25458
20;	6148.7;	12-JAN-2007	15:33:25;	Dark	;	48.5;	10;	Bet Cen	;	0.61;	28000;occ;	97;	0;	25458
21;	6303.4;	12-JAN-2007	15:35:59;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	25458
22;	6549.9;	12-JAN-2007	15:40:06;	Dark	;	37.0;	124;	The Car	;	2.76;	30000;occ;	74;	0;	25458
23;	6639.7;	12-JAN-2007	15:41:36;	Dark	;	37.5;	29;	Bet Car	;	1.67;	10200;occ;	75;	0;	25458
24;	6748.9;	12-JAN-2007	15:43:25;	Dark	;	42.5;	71;	Iot Car	;	2.25;	7700;occ;	85;	0;	25458
25;	6828.1;	12-JAN-2007	15:44:44;	Dark	;	42.0;	41;	Eps Car	;	1.86;	4100;occ;	84;	0;	25458
26;	7026.8;	12-JAN-2007	15:48:03;	Dark	;	43.0;	34;	Gam2Vel	;	1.79;	23000;occ;	86;	0;	25458
27;	7156.3;	12-JAN-2007	15:50:12;	Dark	;	42.0;	70;	Zet Pup	;	2.25;	39000;occ;	84;	0;	25458
28;	7261.0;	12-JAN-2007	15:51:57;	Dark	;	44.5;	117;	Pi Pup	;	2.71;	3800;occ;	89;	0;	25458

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1;	1380.7;	12-JAN-2007	15:54:33;	Dark	;	40.0;	23;	21Eps CMa	;	1.50;	26000;occ;	80;	0;	25459
2;	1467.3;	12-JAN-2007	15:55:59;	Dark	;	41.0;	179;	240mi2CMa	;	3.03;	24000;occ;	82;	0;	25459
3;	1602.8;	12-JAN-2007	15:58:15;	Dark	;	47.5;	1;	9Alp CMa	;	-1.44;	11000;occ;	95;	0;	25459
4;	1751.4;	12-JAN-2007	16:00:43;	Dark	;	39.0;	56;	53Kap Ori	;	2.07;	30000;occ;	78;	0;	25459
5;	1820.8;	12-JAN-2007	16:01:53;	Dark	;	38.0;	125;	44Iot Ori	;	2.77;	30000;occ;	76;	0;	25459
6;	1898.7;	12-JAN-2007	16:03:11;	Dark	;	39.0;	30;	46Eps Ori	;	1.69;	30000;occ;	78;	0;	25459
7;	2035.0;	12-JAN-2007	16:05:27;	Dark	;	45.0;	14;	58Alp Ori	;	0.87;	3000;occ;	90;	0;	25459
8;	2193.3;	12-JAN-2007	16:08:05;	Dark	;	36.0;	44;	24Gam Gem	;	1.93;	11000;occ;	72;	0;	25459
9;	2271.2;	12-JAN-2007	16:09:23;	Bright;	37.5;	176;	23Zet Tau	;	3.02;	22000;occ;	75;	0;	25459	
10;	2399.7;	12-JAN-2007	16:11:32;	Bright;	37.0;	28;	12Bet Tau	;	1.65;	15200;occ;	74;	0;	25459	
11;	2490.8;	12-JAN-2007	16:13:03;	Bright;	36.5;	114;	3Iot Aur	;	2.69;	4600;occ;	73;	0;	25459	
12;	2674.5;	12-JAN-2007	16:16:06;	Bright;	35.5;	42;	34Bet Aur	;	1.90;	10200;occ;	71;	0;	25459	
13;	3424.8;	12-JAN-2007	16:28:37;	Bright;	36.5;	49;	1Alp UMi	;	1.99;	6300;occ;	73;	0;	25459	
14;	3670.4;	12-JAN-2007	16:32:42;	Bright;	39.0;	60;	7Bet UMi	;	2.08;	3950;occ;	78;	0;	25459	
15;	3923.8;	12-JAN-2007	16:36:56;	Bright;	39.0;	119;	14Eta Dra	;	2.73;	4700;occ;	78;	0;	25459	
16;	4072.5;	12-JAN-2007	16:39:24;	Bright;	35.0;	130;	23Bet Dra	;	2.80;	5800;occ;	70;	0;	25459	
17;	4447.5;	12-JAN-2007	16:45:39;	Bright;	36.0;	133;	40Zet Her	;	2.81;	6000;occ;	72;	0;	25459	
18;	4630.6;	12-JAN-2007	16:48:43;	Bright;	35.5;	127;	27Bet Her	;	2.78;	4700;occ;	71;	0;	25459	
19;	5080.6;	12-JAN-2007	16:56:13;	Bright;	55.0;	120;	1Del Oph	;	2.73;	3200;occ;	110;	0;	25459	
20;	5165.6;	12-JAN-2007	16:57:38;	Bright;	35.0;	98;	13Zet Oph	;	2.57;	30000;occ;	70;	0;	25459	
21;	5432.4;	12-JAN-2007	17:02:04;	Dark	;	48.0;	16;	21Alp Sco	;	1.02;	3000;occ;	96;	0;	25459
22;	5740.9;	12-JAN-2007	17:07:13;	Dark	;	39.5;	131;	Gam Lup	;	2.80;	26000;occ;	79;	0;	25459
23;	5840.6;	12-JAN-2007	17:08:53;	Dark	;	41.5;	109;	Bet Lup	;	2.68;	26000;occ;	83;	0;	25459
24;	5931.2;	12-JAN-2007	17:10:23;	Dark	;	39.5;	78;	Alp Lup	;	2.30;	28000;occ;	79;	0;	25459
25;	6046.5;	12-JAN-2007	17:12:18;	Dark	;	42.5;	95;	Zet Cen	;	2.55;	26000;occ;	85;	0;	25459
26;	6149.2;	12-JAN-2007	17:14:01;	Dark	;	51.0;	10;	Bet Cen	;	0.61;	28000;occ;	102;	0;	25459
27;	6303.7;	12-JAN-2007	17:16:36;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	25459
28;	6550.5;	12-JAN-2007	17:20:42;	Dark	;	38.0;	124;	The Car	;	2.76;	30000;occ;	76;	0;	25459
29;	6639.9;	12-JAN-2007	17:22:12;	Dark	;	37.0;	29;	Bet Car	;	1.67;	10200;occ;	74;	0;	25459
30;	6749.4;	12-JAN-2007	17:24:01;	Dark	;	43.5;	71;	Iot Car	;	2.25;	7700;occ;	87;	0;	25459
31;	6828.4;	12-JAN-2007	17:25:20;	Dark	;	42.0;	41;	Eps Car	;	1.86;	4100;occ;	84;	0;	25459
32;	7027.3;	12-JAN-2007	17:28:39;	Dark	;	43.0;	34;	Gam2Vel	;	1.79;	23000;occ;	86;	0;	25459
33;	7156.8;	12-JAN-2007	17:30:49;	Dark	;	43.5;	70;	Zet Pup	;	2.25;	39000;occ;	87;	0;	25459

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2;	1225.4;	12-JAN-2007	17:32:33;	Dark	;	44.0;	117;	Pi Pup	;	2.71;	3800;occ;	88;	0;	25460
3;	1381.1;	12-JAN-2007	17:35:09;	Dark	;	42.0;	23;	21Eps CMa	;	1.50;	26000;occ;	84;	0;	25460
4;	1467.5;	12-JAN-2007	17:36:35;	Dark	;	42.0;	179;	240mi2CMa	;	3.03;	24000;occ;	84;	0;	25460
5;	1603.0;	12-JAN-2007	17:38:51;	Dark	;	45.5;	1;	9Alp CMa	;	-1.44;	11000;occ;	91;	0;	25460
6;	1751.5;	12-JAN-2007	17:41:19;	Dark	;	40.0;	56;	53Kap Ori	;	2.07;	30000;occ;	80;	0;	25460
7;	1820.9;	12-JAN-2007	17:42:29;	Dark	;	38.0;	125;	44Iot Ori	;	2.77;	30000;occ;	76;	0;	25460
8;	1898.8;	12-JAN-2007	17:43:47;	Dark	;	41.5;	30;	46Eps Ori	;	1.69;	30000;occ;	83;	0;	25460

9; 2035.1; 12-JAN-2007 17:46:03; Dark ; 44.0; 14; 58Alp Ori ; 0.87; 3000;occ; 88; 0;25460
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11; 2271.3; 12-JAN-2007 17:49:59; Bright; 35.5; 176; 23Zet Tau ; 3.02; 22000;occ; 71; 0;25460
12; 2399.9; 12-JAN-2007 17:52:08; Bright; 37.5; 28; 12Bet Tau ; 1.65; 15200;occ; 75; 0;25460
13; 2491.0; 12-JAN-2007 17:53:39; Bright; 35.5; 114; 3Iot Aur ; 2.69; 4600;occ; 71; 0;25460
14; 2674.3; 12-JAN-2007 17:56:42; Bright; 36.5; 42; 34Bet Aur ; 1.90; 10200;occ; 73; 0;25460
15; 3424.8; 12-JAN-2007 18:09:13; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;25460
16; 3670.2; 12-JAN-2007 18:13:18; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;25460
17; 3923.7; 12-JAN-2007 18:17:32; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;25460
18; 4072.7; 12-JAN-2007 18:20:01; Bright; 52.0; 130; 23Bet Dra ; 2.80; 5800;occ; 104; 0;25460
19; 4447.5; 12-JAN-2007 18:26:16; Bright; 35.0; 133; 40Zet Her ; 2.81; 6000;occ; 70; 0;25460
20; 4630.8; 12-JAN-2007 18:29:19; Bright; 35.0; 127; 27Bet Her ; 2.78; 4700;occ; 70; 0;25460
21; 5080.9; 12-JAN-2007 18:36:49; Bright; 55.0; 120; 1Del Oph ; 2.73; 3200;occ; 110; 0;25460
22; 5165.8; 12-JAN-2007 18:38:14; Bright; 36.0; 98; 13Zet Oph ; 2.57; 30000;occ; 72; 0;25460
23; 5432.7; 12-JAN-2007 18:42:41; Dark ; 46.5; 16; 21Alp Sco ; 1.02; 3000;occ; 93; 0;25460
24; 5741.4; 12-JAN-2007 18:47:49; Dark ; 37.5; 131; Gam Lup ; 2.80; 26000;occ; 75; 0;25460
25; 5841.2; 12-JAN-2007 18:49:29; Dark ; 39.0; 109; Bet Lup ; 2.68; 26000;occ; 78; 0;25460
26; 5931.8; 12-JAN-2007 18:51:00; Dark ; 39.5; 78; Alp Lup ; 2.30; 28000;occ; 79; 0;25460
27; 6047.3; 12-JAN-2007 18:52:55; Dark ; 40.0; 95; Zet Cen ; 2.55; 26000;occ; 80; 0;25460
28; 6149.6; 12-JAN-2007 18:54:38; Dark ; 41.0; 10; Bet Cen ; 0.61; 28000;occ; 82; 0;25460
29; 6304.0; 12-JAN-2007 18:57:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25460
30; 6550.8; 12-JAN-2007 19:01:19; Dark ; 38.0; 124; The Car ; 2.76; 30000;occ; 76; 0;25460
31; 6640.3; 12-JAN-2007 19:02:48; Dark ; 40.5; 29; Bet Car ; 1.67; 10200;occ; 81; 0;25460
32; 6749.7; 12-JAN-2007 19:04:38; Dark ; 39.0; 71; Iot Car ; 2.25; 7700;occ; 78; 0;25460
33; 6828.7; 12-JAN-2007 19:05:57; Dark ; 39.0; 41; Eps Car ; 1.86; 4100;occ; 78; 0;25460

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7; 1603.0; 12-JAN-2007 19:19:27; Dark ; 50.5; 1; 9Alp CMa ; -1.44; 11000;occ; 101; 0;25461
8; 1751.6; 12-JAN-2007 19:21:56; Dark ; 39.0; 56; 53Kap Ori ; 2.07; 30000;occ; 78; 0;25461
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10; 1898.9; 12-JAN-2007 19:24:23; Dark ; 40.0; 30; 46Eps Ori ; 1.69; 30000;occ; 80; 0;25461
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16; 2674.2; 12-JAN-2007 19:37:18; Bright; 53.0; 42; 34Bet Aur ; 1.90; 10200;occ; 106; 0;25461
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22; 4631.0; 12-JAN-2007 20:09:55; Bright; 35.5; 127; 27Bet Her ; 2.78; 4700;occ; 71; 0;25461
23; 5081.3; 12-JAN-2007 20:17:25; Bright; 55.0; 120; 1Del Oph ; 2.73; 3200;occ; 110; 0;25461
24; 5166.1; 12-JAN-2007 20:18:50; Bright; 37.0; 98; 13Zet Oph ; 2.57; 30000;occ; 74; 0;25461
25; 5433.0; 12-JAN-2007 20:23:17; Dark ; 52.0; 16; 21Alp Sco ; 1.02; 3000;occ; 104; 0;25461
26; 5741.8; 12-JAN-2007 20:28:26; Dark ; 38.0; 131; Gam Lup ; 2.80; 26000;occ; 76; 0;25461
27; 5841.5; 12-JAN-2007 20:30:05; Dark ; 40.0; 109; Bet Lup ; 2.68; 26000;occ; 80; 0;25461
28; 5932.2; 12-JAN-2007 20:31:36; Dark ; 39.5; 78; Alp Lup ; 2.30; 28000;occ; 79; 0;25461
29; 6047.9; 12-JAN-2007 20:33:32; Dark ; 40.0; 95; Zet Cen ; 2.55; 26000;occ; 80; 0;25461
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31; 6304.2; 12-JAN-2007 20:37:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25461
32; 6551.4; 12-JAN-2007 20:41:55; Dark ; 38.0; 124; The Car ; 2.76; 30000;occ; 76; 0;25461
33; 6640.5; 12-JAN-2007 20:43:24; Dark ; 38.0; 29; Bet Car ; 1.67; 10200;occ; 76; 0;25461
34; 6750.1; 12-JAN-2007 20:45:14; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;25461
35; 6829.0; 12-JAN-2007 20:46:33; Dark ; 45.0; 41; Eps Car ; 1.86; 4100;occ; 90; 0;25461

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3;-1962.9; 13-JAN-2007 02:43:00; Bright; 35.5; 130; 23Bet Dra ; 2.80; 5800;occ; 71; 0;25465
4;-1587.8; 13-JAN-2007 02:49:16; Bright; 36.5; 133; 40Zet Her ; 2.81; 6000;occ; 73; 0;25465
5;-1404.1; 13-JAN-2007 02:52:19; Bright; 36.0; 127; 27Bet Her ; 2.78; 4700;occ; 72; 0;25465
6; -953.1; 13-JAN-2007 02:59:50; Bright; 38.5; 120; 1Del Oph ; 2.73; 3200;occ; 77; 0;25465

7; -868.3; 13-JAN-2007 03:01:15; Bright; 36.0; 98; 13Zet Oph ; 2.57; 3000;occ; 72; 0;25465
8; -601.6; 13-JAN-2007 03:05:42; Dark ; 47.5; 16; 21Alp Sco ; 1.02; 3000;occ; 95; 0;25465
9; -292.2; 13-JAN-2007 03:10:51; Dark ; 38.0; 131; Gam Lup ; 2.80; 26000;occ; 76; 0;25465
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19; 993.8; 13-JAN-2007 03:32:17; Dark ; 40.0; 34; Gam2Vel ; 1.79; 23000;occ; 80; 0;25466
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21; 1227.0; 13-JAN-2007 03:36:10; Dark ; 43.5; 117; Pi Pup ; 2.71; 3800;occ; 87; 0;25466
22; 1382.4; 13-JAN-2007 03:38:46; Dark ; 45.5; 23; 21Eps CMa ; 1.50; 26000;occ; 91; 0;25466
23; 1468.7; 13-JAN-2007 03:40:12; Dark ; 41.5; 179; 240mi2CMa ; 3.03; 24000;occ; 83; 0;25466
24; 1603.9; 13-JAN-2007 03:42:27; Dark ; 44.5; 1; 9Alp CMa ; -1.44; 11000;occ; 89; 0;25466
25; 1752.5; 13-JAN-2007 03:44:56; Dark ; 38.0; 56; 53Kap Ori ; 2.07; 30000;occ; 76; 0;25466
26; 1822.2; 13-JAN-2007 03:46:06; Dark ; 38.0; 125; 44Iot Ori ; 2.77; 30000;occ; 76; 0;25466
27; 1899.9; 13-JAN-2007 03:47:23; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;25466
28; 2035.7; 13-JAN-2007 03:49:39; Dark ; 51.0; 14; 58Alp Ori ; 0.87; 3000;occ; 102; 0;25466
29; 2192.6; 13-JAN-2007 03:52:16; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;25466
30; 2294.6; 13-JAN-2007 03:53:58; Bright; 43.5; 151; 13Mu Gem ; 2.89; 3000;occ; 87; 0;25466
31; 2400.4; 13-JAN-2007 03:55:44; Bright; 37.0; 28; 12Bet Tau ; 1.65; 15200;occ; 74; 0;25466
32; 2492.2; 13-JAN-2007 03:57:16; Bright; 37.0; 114; 3Iot Aur ; 2.69; 4600;occ; 74; 0;25466
33; 2673.9; 13-JAN-2007 04:00:17; Bright; 36.5; 42; 34Bet Aur ; 1.90; 10200;occ; 73; 0;25466
34; 3424.9; 13-JAN-2007 04:12:48; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;25466

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3; -1962.5; 13-JAN-2007 04:23:37; Bright; 52.0; 130; 23Bet Dra ; 2.80; 5800;occ; 104; 0;25466
4; -1587.7; 13-JAN-2007 04:29:52; Bright; 36.0; 133; 40Zet Her ; 2.81; 6000;occ; 72; 0;25466
5; -1404.0; 13-JAN-2007 04:32:55; Bright; 35.5; 127; 27Bet Her ; 2.78; 4700;occ; 71; 0;25466
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7; -868.2; 13-JAN-2007 04:41:51; Bright; 37.5; 98; 13Zet Oph ; 2.57; 30000;occ; 75; 0;25466
8; -601.4; 13-JAN-2007 04:46:18; Dark ; 46.5; 16; 21Alp Sco ; 1.02; 3000;occ; 93; 0;25466
9; -291.6; 13-JAN-2007 04:51:28; Dark ; 37.5; 131; Gam Lup ; 2.80; 26000;occ; 75; 0;25466
10; -191.2; 13-JAN-2007 04:53:08; Dark ; 40.0; 109; Bet Lup ; 2.68; 26000;occ; 80; 0;25466
11; -100.5; 13-JAN-2007 04:54:39; Dark ; 40.5; 78; Alp Lup ; 2.30; 28000;occ; 81; 0;25466
12; 15.9; 13-JAN-2007 04:56:35; Dark ; 25.0; 95; Zet Cen ; 2.55; 26000;occ; 50; 0;25467
13; 116.7; 13-JAN-2007 04:58:16; Dark ; 40.5; 10; Bet Cen ; 0.61; 28000;occ; 81; 0;25467
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17; 716.6; 13-JAN-2007 05:08:16; Dark ; 39.5; 71; Iot Car ; 2.25; 7700;occ; 79; 0;25467
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19; 994.2; 13-JAN-2007 05:12:54; Dark ; 41.0; 34; Gam2Vel ; 1.79; 23000;occ; 82; 0;25467
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21; 1227.3; 13-JAN-2007 05:16:47; Dark ; 45.0; 117; Pi Pup ; 2.71; 3800;occ; 90; 0;25467
22; 1382.7; 13-JAN-2007 05:19:22; Dark ; 42.5; 23; 21Eps CMa ; 1.50; 26000;occ; 85; 0;25467
23; 1468.7; 13-JAN-2007 05:20:48; Dark ; 40.0; 179; 240mi2CMa ; 3.03; 24000;occ; 80; 0;25467
24; 1604.0; 13-JAN-2007 05:23:03; Dark ; 48.5; 1; 9Alp CMa ; -1.44; 11000;occ; 97; 0;25467
25; 1752.7; 13-JAN-2007 05:25:32; Dark ; 39.0; 56; 53Kap Ori ; 2.07; 30000;occ; 78; 0;25467
26; 1822.2; 13-JAN-2007 05:26:42; Dark ; 39.0; 125; 44Iot Ori ; 2.77; 30000;occ; 78; 0;25467
27; 1899.9; 13-JAN-2007 05:27:59; Dark ; 41.5; 30; 46Eps Ori ; 1.69; 30000;occ; 83; 0;25467
28; 2035.7; 13-JAN-2007 05:30:15; Dark ; 47.5; 14; 58Alp Ori ; 0.87; 3000;occ; 95; 0;25467
29; 2192.5; 13-JAN-2007 05:32:52; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;25467
30; 2294.6; 13-JAN-2007 05:34:34; Bright; 46.0; 151; 13Mu Gem ; 2.89; 3000;occ; 92; 0;25467
31; 2400.6; 13-JAN-2007 05:36:20; Bright; 36.5; 28; 12Bet Tau ; 1.65; 15200;occ; 73; 0;25467
32; 2492.4; 13-JAN-2007 05:37:52; Bright; 36.5; 114; 3Iot Aur ; 2.69; 4600;occ; 73; 0;25467
33; 2673.8; 13-JAN-2007 05:40:53; Bright; 36.5; 42; 34Bet Aur ; 1.90; 10200;occ; 73; 0;25467
34; 3424.9; 13-JAN-2007 05:53:24; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;25467

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3; 798.2; 13-JAN-2007 20:15:01; Dark ; 47.5; 41; Eps Car ; 1.86; 4100;occ; 95; 0;25476
4; 997.5; 13-JAN-2007 20:18:20; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;25476



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6;	1229.7;	13-JAN-2007	20:22:12;	Dark	;	44.0;	117;	Pi Pup	;	2.71;	3800;occ;	88;	0;	25476
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26;	3424.8;	13-JAN-2007	22:39:23;	Bright;		33.5;	49;	1Alp UMi	;	1.99;	6300;occ;	67;	0;	25477
27;	3667.6;	13-JAN-2007	22:43:26;	Bright;		37.5;	60;	7Bet UMi	;	2.08;	3950;occ;	75;	0;	25477
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3;	1227.8;	13-JAN-2007 08:37:59;	Dark ;	41.5;	117;	Pi Pup ;	2.71;	3800;occ;	83;	0;25469
4;	1383.0;	13-JAN-2007 08:40:34;	Dark ;	40.0;	23;	21Eps CMA ;	1.50;	26000;occ;	80;	0;25469
5;	1469.1;	13-JAN-2007 08:42:00;	Dark ;	41.5;	179;	240mi2CMA ;	3.03;	24000;occ;	83;	0;25469
6;	1604.3;	13-JAN-2007 08:44:15;	Dark ;	46.0;	1;	9Alp CMA ;	-1.44;	11000;occ;	92;	0;25469
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2;	1822.8;	13-JAN-2007 08:47:54;	Dark ;	38.5;	125;	44Iot Ori ;	2.77;	30000;occ;	77;	0;25469
3;	1900.3;	13-JAN-2007 08:49:12;	Dark ;	41.5;	30;	46Eps Ori ;	1.69;	30000;occ;	83;	0;25469
4;	2035.9;	13-JAN-2007 08:51:27;	Dark ;	51.5;	14;	58Alp Ori ;	0.87;	3000;occ;	103;	0;25469
5;	2192.3;	13-JAN-2007 08:54:04;	Dark ;	43.0;	44;	24Gam Gem ;	1.93;	11000;occ;	86;	0;25469
6;	2294.5;	13-JAN-2007 08:55:46;	Bright;	51.0;	151;	13Mu Gem ;	2.89;	3000;occ;	102;	0;25469
7;	2400.7;	13-JAN-2007 08:57:32;	Bright;	35.0;	28;	12Bet Tau ;	1.65;	15200;occ;	70;	0;25469
8;	2492.7;	13-JAN-2007 08:59:04;	Bright;	36.5;	114;	3Iot Aur ;	2.69;	4600;occ;	73;	0;25469
9;	2673.7;	13-JAN-2007 09:02:05;	Bright;	35.0;	42;	34Bet Aur ;	1.90;	10200;occ;	70;	0;25469
10;	3424.8;	13-JAN-2007 09:14:36;	Bright;	35.0;	49;	1Alp UMi ;	1.99;	6300;occ;	70;	0;25469
11;	3668.9;	13-JAN-2007 09:18:40;	Bright;	37.5;	60;	7Bet UMi ;	2.08;	3950;occ;	75;	0;25469
12;	3923.5;	13-JAN-2007 09:22:55;	Bright;	37.0;	119;	14Eta Dra ;	2.73;	4700;occ;	74;	0;25469
13;	4073.7;	13-JAN-2007 09:25:25;	Bright;	52.0;	130;	23Bet Dra ;	2.80;	5800;occ;	104;	0;25469
14;	4449.0;	13-JAN-2007 09:31:40;	Bright;	35.5;	133;	40Zet Her ;	2.81;	6000;occ;	71;	0;25469
15;	4632.9;	13-JAN-2007 09:34:44;	Bright;	35.5;	127;	27Bet Her ;	2.78;	4700;occ;	71;	0;25469
16;	5084.5;	13-JAN-2007 09:42:16;	Bright;	38.0;	120;	1Del Oph ;	2.73;	3200;occ;	76;	0;25469
17;	5168.6;	13-JAN-2007 09:43:40;	Bright;	35.5;	98;	13Zet Oph ;	2.57;	30000;occ;	71;	0;25469
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19;	5745.7;	13-JAN-2007 09:53:17;	Dark ;	39.0;	131;	Gam Lup ;	2.80;	26000;occ;	78;	0;25469
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22;	6099.4;	13-JAN-2007 09:59:11;	Dark ;	54.0;	4;	Alp1Cen ;	-0.01;	5800;occ;	108;	0;25469
23;	6306.2;	13-JAN-2007 10:02:37;	Dark ;	59.5;	0;	;	0.00;	0;occ;	119;	0;25469
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25;	6643.0;	13-JAN-2007 10:08:14;	Dark ;	37.0;	29;	Bet Car ;	1.67;	10200;occ;	74;	0;25469
26;	6753.8;	13-JAN-2007 10:10:05;	Dark ;	39.5;	71;	Iot Car ;	2.25;	7700;occ;	79;	0;25469
27;	6831.9;	13-JAN-2007 10:11:23;	Dark ;	52.0;	41;	Eps Car ;	1.86;	4100;occ;	104;	0;25469
28;	7031.1;	13-JAN-2007 10:14:42;	Dark ;	19.0;	34;	Gam2Vel ;	1.79;	23000;occ;	38;	0;25469
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4;	1383.2;	13-JAN-2007 10:21:10;	Dark ;	43.5;	23;	21Eps CMA ;	1.50;	26000;occ;	87;	0;25470
5;	1469.3;	13-JAN-2007 10:22:36;	Dark ;	38.0;	179;	240mi2CMA ;	3.03;	24000;occ;	76;	0;25470
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4;	1900.5;	13-JAN-2007 10:29:48;	Dark ;	40.0;	30;	46Eps Ori ;	1.69;	30000;occ;	80;	0;25470
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7;	2272.2;	13-JAN-2007 10:35:59;	Bright;	35.5;	176;	23Zet Tau ;	3.02;	22000;occ;	71;	0;25470
8;	2400.8;	13-JAN-2007 10:38:08;	Bright;	36.5;	28;	12Bet Tau ;	1.65;	15200;occ;	73;	0;25470
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12;	3668.6;	13-JAN-2007 10:59:16;	Bright;	39.5;	60;	7Bet UMi ;	2.08;	3950;occ;	79;	0;25470
13;	3923.5;	13-JAN-2007 11:03:31;	Bright;	33.5;	119;	14Eta Dra ;	2.73;	4700;occ;	67;	0;25470
14;	4073.6;	13-JAN-2007 11:06:01;	Bright;	33.0;	130;	23Bet Dra ;	2.80;	5800;occ;	66;	0;25470
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 21; 5847.1; 13-JAN-2007 11:35:34; Dark ; 41.0; 109; Bet Lup ; 2.68; 26000;occ; 82; 0;25470
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 23; 6099.8; 13-JAN-2007 11:39:47; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;25470
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 26; 6643.3; 13-JAN-2007 11:48:50; Dark ; 38.0; 29; Bet Car ; 1.67; 10200;occ; 76; 0;25470
 27; 6754.3; 13-JAN-2007 11:50:41; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;25470
 28; 6832.2; 13-JAN-2007 11:51:59; Dark ; 51.0; 41; Eps Car ; 1.86; 4100;occ; 102; 0;25470
 29; 7031.5; 13-JAN-2007 11:55:19; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;25470
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 31; 7264.2; 13-JAN-2007 11:59:11; Dark ; 44.0; 117; Pi Pup ; 2.71; 3800;occ; 88; 0;25470
 32; 7419.3; 13-JAN-2007 12:01:46; Dark ; 44.5; 23; 21Eps CMA ; 1.50; 26000;occ; 89; 0;25470
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 33; 7505.5; 13-JAN-2007 13:43:48; Dark ; 39.0; 179; 240mi2CMA ; 3.03; 24000;occ; 78; 0;25471

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10;	2186.7;	19-JAN-2007	20:49:38;	Dark ;	48.5;	44;	24Gam Gem ;	1.93;	11000;occ;	97;	0;	25562
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12;	2415.5;	19-JAN-2007	20:53:26;	Bright;	36.0;	28;	12Bet Tau ;	1.65;	15200;occ;	72;	0;	25562
13;	2542.2;	19-JAN-2007	20:55:33;	Bright;	36.0;	107;	37The Aur ;	2.65;	11000;occ;	72;	0;	25562
14;	2672.2;	19-JAN-2007	20:57:43;	Bright;	35.0;	42;	34Bet Aur ;	1.90;	10200;occ;	70;	0;	25562
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16;	4081.8;	19-JAN-2007	21:21:13;	Bright;	34.0;	130;	23Bet Dra ;	2.80;	5800;occ;	68;	0;	25562
17;	4275.9;	19-JAN-2007	21:24:27;	Bright;	33.5;	5;	3Alp Lyr ;	0.03;	11000;occ;	67;	0;	25562
18;	4753.8;	19-JAN-2007	21:32:25;	Bright;	33.5;	59;	55Alp Oph ;	2.08;	8900;occ;	67;	0;	25562
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5;	105.0;	19-JAN-2007	21:55:32;	Dark ;	50.5;	4;	Alp1Cen ;	-0.01;	5800;occ;	101;	0;	25563
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9;	869.1;	19-JAN-2007	22:08:16;	Dark ;	41.5;	46;	Del Vel ;	1.95;	10600;occ;	83;	0;	25563
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26;	4276.0;	19-JAN-2007	23:05:03;	Bright;	33.0;	5;	3Alp Lyr ;	0.03;	11000;occ;	66;	0;	25563
27;	4754.1;	19-JAN-2007	23:13:01;	Bright;	33.0;	59;	55Alp Oph ;	2.08;	8900;occ;	66;	0;	25563
28;	4880.7;	19-JAN-2007	23:15:07;	Bright;	33.0;	126;	60Bet Oph ;	2.77;	4250;occ;	66;	0;	25563
29;	5203.6;	19-JAN-2007	23:20:30;	Bright;	37.5;	98;	13Zet Oph ;	2.57;	30000;occ;	75;	0;	25563
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7;	869.4;	19-JAN-2007	23:48:52;	Dark ;	40.5;	46;	Del Vel ;	1.95;	10600;occ;	81;	0;	25564
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22; 3425.7; 20-JAN-2007 00:31:28; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;25564
23; 4081.7; 20-JAN-2007 00:42:24; Bright; 35.5; 130; 23Bet Dra ; 2.80; 5800;occ; 71; 0;25564
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17; 1400.4; 19-JAN-2007 07:11:44; Dark ; 43.0; 23; 21Eps CMA ; 1.50; 26000;occ; 86; 0;25554
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15; 5199.9; 19-JAN-2007 08:15:03; Bright; 46.0; 98; 13Zet Oph ; 2.57; 30000;occ; 92; 0;25554
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27; 7436.6; 19-JAN-2007 08:52:20; Dark ; 41.0; 23; 21Eps CMA ; 1.50; 26000;occ; 82; 0;25554
28; 7520.7; 19-JAN-2007 08:53:44; Dark ; 39.5; 179; 240mi2CMA ; 3.03; 24000;occ; 79; 0;25554
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9;	2671.9;	19-JAN-2007	09:13:31;	Bright;		36.0;	42;	34Bet Aur	;	1.90;	10200;occ;	72;	0;	25555
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11;	4081.3;	19-JAN-2007	09:37:01;	Bright;		36.5;	130;	23Bet Dra	;	2.80;	5800;occ;	73;	0;	25555
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13;	4752.4;	19-JAN-2007	09:48:12;	Bright;		33.5;	59;	55Alp Oph	;	2.08;	8900;occ;	67;	0;	25555
14;	4879.1;	19-JAN-2007	09:50:19;	Bright;		32.5;	126;	60Bet Oph	;	2.77;	4250;occ;	65;	0;	25555
15;	5200.4;	19-JAN-2007	09:55:40;	Bright;		39.0;	98;	13Zet Oph	;	2.57;	30000;occ;	78;	0;	25555
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17;	5564.4;	19-JAN-2007	10:01:44;	Dark	;	44.0;	75;	26Eps Sco	;	2.29;	4250;occ;	88;	0;	25555
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19;	6137.6;	19-JAN-2007	10:11:17;	Dark	;	41.0;	4;	Alp1Cen	;	-0.01;	5800;occ;	82;	0;	25555
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2;	755.7;	19-JAN-2007	10:22:11;	Dark	;	43.5;	71;	Iot Car	;	2.25;	7700;occ;	87;	0;	25556
3;	866.4;	19-JAN-2007	10:24:02;	Dark	;	41.0;	46;	Del Vel	;	1.95;	10600;occ;	82;	0;	25556
4;	1032.8;	19-JAN-2007	10:26:48;	Dark	;	51.5;	2;	Alp Car	;	-0.74;	7000;occ;	103;	0;	25556
5;	1154.5;	19-JAN-2007	10:28:50;	Dark	;	40.5;	70;	Zet Pup	;	2.25;	39000;occ;	81;	0;	25556
6;	1250.0;	19-JAN-2007	10:30:25;	Dark	;	42.5;	117;	Pi Pup	;	2.71;	3800;occ;	85;	0;	25556
7;	1400.7;	19-JAN-2007	10:32:56;	Dark	;	42.5;	23;	21Eps CMa	;	1.50;	26000;occ;	85;	0;	25556
8;	1485.1;	19-JAN-2007	10:34:20;	Dark	;	39.0;	179;	240mi2CMa	;	3.03;	24000;occ;	78;	0;	25556
9;	1616.5;	19-JAN-2007	10:36:32;	Dark	;	51.0;	1;	9Alp CMa	;	-1.44;	11000;occ;	102;	0;	25556
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2;	1838.9;	19-JAN-2007	10:40:14;	Dark	;	39.0;	125;	44Iot Ori	;	2.77;	30000;occ;	78;	0;	25556
3;	1916.4;	19-JAN-2007	10:41:32;	Dark	;	40.0;	30;	46Eps Ori	;	1.69;	30000;occ;	80;	0;	25556
4;	2046.2;	19-JAN-2007	10:43:42;	Dark	;	52.0;	14;	58Alp Ori	;	0.87;	3000;occ;	104;	0;	25556
5;	2186.9;	19-JAN-2007	10:46:02;	Dark	;	43.5;	44;	24Gam Gem	;	1.93;	11000;occ;	87;	0;	25556
6;	2291.4;	19-JAN-2007	10:47:47;	Bright;		39.0;	151;	13Mu Gem	;	2.89;	3000;occ;	78;	0;	25556
7;	2414.4;	19-JAN-2007	10:49:50;	Bright;		36.0;	28;	12Bet Tau	;	1.65;	15200;occ;	72;	0;	25556
8;	2541.9;	19-JAN-2007	10:51:57;	Bright;		34.5;	107;	37The Aur	;	2.65;	11000;occ;	69;	0;	25556
9;	2672.0;	19-JAN-2007	10:54:07;	Bright;		35.5;	42;	34Bet Aur	;	1.90;	10200;occ;	71;	0;	25556
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11;	4081.2;	19-JAN-2007	11:17:37;	Bright;		36.5;	130;	23Bet Dra	;	2.80;	5800;occ;	73;	0;	25556
12;	4274.7;	19-JAN-2007	11:20:50;	Bright;		36.5;	5;	3Alp Lyr	;	0.03;	11000;occ;	73;	0;	25556
13;	4752.6;	19-JAN-2007	11:28:48;	Bright;		33.0;	59;	55Alp Oph	;	2.08;	8900;occ;	66;	0;	25556
14;	4879.4;	19-JAN-2007	11:30:55;	Bright;		32.5;	126;	60Bet Oph	;	2.77;	4250;occ;	65;	0;	25556
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17;	5564.7;	19-JAN-2007	11:42:20;	Dark	;	41.0;	75;	26Eps Sco	;	2.29;	4250;occ;	82;	0;	25556
18;	5792.5;	19-JAN-2007	11:46:08;	Dark	;	39.0;	131;	Gam Lup	;	2.80;	26000;occ;	78;	0;	25556
19;	6138.0;	19-JAN-2007	11:51:53;	Dark	;	45.5;	4;	Alp1Cen	;	-0.01;	5800;occ;	91;	0;	25556
20;	6329.3;	19-JAN-2007	11:55:05;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	25556
21;	6669.7;	19-JAN-2007	12:00:45;	Dark	;	37.0;	29;	Bet Car	;	1.67;	10200;occ;	74;	0;	25556
22;	6791.9;	19-JAN-2007	12:02:47;	Dark	;	40.0;	71;	Iot Car	;	2.25;	7700;occ;	80;	0;	25556
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24;	7068.9;	19-JAN-2007	12:07:24;	Dark	;	43.5;	2;	Alp Car	;	-0.74;	7000;occ;	87;	0;	25556
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26;	7286.2;	19-JAN-2007	12:11:01;	Dark	;	44.5;	117;	Pi Pup	;	2.71;	3800;occ;	89;	0;	25556
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28;	7521.0;	19-JAN-2007	12:14:56;	Dark	;	39.5;	179;	240mi2CMa	;	3.03;	24000;occ;	79;	0;	25556
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2;	1767.9;	19-JAN-2007	12:19:39;	Dark	;	40.0;	56;	53Kap Ori	;	2.07;	30000;occ;	80;	0;	25557
3;	1839.1;	19-JAN-2007	12:20:50;	Dark	;	39.5;	125;	44Iot Ori	;	2.77;	30000;occ;	79;	0;	25557
4;	1916.5;	19-JAN-2007	12:22:08;	Dark	;	41.5;	30;	46Eps Ori	;	1.69;	30000;occ;	83;	0;	25557

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11; 2672.1; 19-JAN-2007 15:55:55; Bright; 36.0; 42; 34Bet Aur ; 1.90; 10200;occ; 72; 0;25559
12; 3425.7; 19-JAN-2007 16:08:29; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;25559
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17; 4753.6; 19-JAN-2007 18:11:13; Bright; 33.5; 59; 55Alp Oph ; 2.08; 8900;occ; 67; 0;25560
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22; 5795.0; 19-JAN-2007 18:28:34; Dark ; 39.5; 131; Gam Lup ; 2.80; 26000;occ; 79; 0;25560
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4;	-193.9;	24-JAN-2007	22:33:39;	Dark	;	40.5;	131;	Gam Lup	;	2.80;	26000;occ;	81;	0;	25634
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12;	1051.9;	24-JAN-2007	22:54:24;	Dark	;	39.0;	34;	Gam2Vel	;	1.79;	23000;occ;	78;	0;	25635
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 4; 2548.2; 24-JAN-2007 09:54:33; Bright; 34.5; 107; 37The Aur ; 2.65; 11000;occ; 69; 0;25627
 5; 2676.5; 24-JAN-2007 09:56:41; Bright; 35.5; 42; 34Bet Aur ; 1.90; 10200;occ; 71; 0;25627
 6; 3426.7; 24-JAN-2007 10:09:11; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;25627
 7; 4085.8; 24-JAN-2007 10:20:11; Bright; 53.0; 130; 23Bet Dra ; 2.80; 5800;occ; 106; 0;25627
 8; 4288.3; 24-JAN-2007 10:23:33; Bright; 34.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 69; 0;25627
 9; 4768.8; 24-JAN-2007 10:31:34; Bright; 34.0; 59; 55Alp Oph ; 2.08; 8900;occ; 68; 0;25627
 10; 4895.3; 24-JAN-2007 10:33:40; Bright; 33.0; 126; 60Bet Oph ; 2.77; 4250;occ; 66; 0;25627
 11; 5233.9; 24-JAN-2007 10:39:19; Dark ; 42.5; 98; 13Zet Oph ; 2.57; 30000;occ; 85; 0;25627
 12; 5504.2; 24-JAN-2007 10:43:49; Dark ; 48.0; 16; 21Alp Sco ; 1.02; 3000;occ; 96; 0;25627
 13; 5590.9; 24-JAN-2007 10:45:16; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;25627
 14; 5837.6; 24-JAN-2007 10:49:22; Dark ; 41.0; 131; Gam Lup ; 2.80; 26000;occ; 82; 0;25627
 15; 6172.6; 24-JAN-2007 10:54:57; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;25627
 16; 6348.7; 24-JAN-2007 10:57:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25627
 17; 6445.8; 24-JAN-2007 10:59:31; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;25627
 18; 6690.1; 24-JAN-2007 11:03:35; Dark ; 43.5; 29; Bet Car ; 1.67; 10200;occ; 87; 0;25627
 19; 6820.6; 24-JAN-2007 11:05:45; Dark ; 38.5; 71; Iot Car ; 2.25; 7700;occ; 77; 0;25627
 20; 6929.2; 24-JAN-2007 11:07:34; Dark ; 41.0; 46; Del Vel ; 1.95; 10600;occ; 82; 0;25627
 21; 7086.0; 24-JAN-2007 11:10:11; Dark ; 39.0; 34; Gam2Vel ; 1.79; 23000;occ; 78; 0;25627
 22; 7212.5; 24-JAN-2007 11:12:17; Dark ; 38.0; 70; Zet Pup ; 2.25; 39000;occ; 76; 0;25627
 23; 7302.4; 24-JAN-2007 11:13:47; Dark ; 45.0; 117; Pi Pup ; 2.71; 3800;occ; 90; 1;25627
 24; 7450.7; 24-JAN-2007 11:16:15; Dark ; 41.5; 23; 21Eps CMA ; 1.50; 26000;occ; 83; 0;25627
 25; 7533.7; 24-JAN-2007 11:17:38; Dark ; 38.0; 179; 240mi2CMA ; 3.03; 24000;occ; 76; 0;25627
 26; 7663.6; 24-JAN-2007 11:19:48; Dark ; 17.5; 1; 9Alp CMA ; -1.44; 11000;occ; 35; 0;25627

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 3; 2188.1; 24-JAN-2007 11:29:09; Bright; 37.5; 44; 24Gam Gem ; 1.93; 11000;occ; 75; 0;25628
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 5; 2548.0; 24-JAN-2007 11:35:09; Bright; 35.5; 107; 37The Aur ; 2.65; 11000;occ; 71; 0;25628
 6; 2676.4; 24-JAN-2007 11:37:17; Bright; 35.0; 42; 34Bet Aur ; 1.90; 10200;occ; 70; 0;25628
 7; 3426.4; 24-JAN-2007 11:49:47; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;25628
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 9; 4288.2; 24-JAN-2007 12:04:09; Bright; 33.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 66; 0;25628
 10; 4768.9; 24-JAN-2007 12:12:10; Bright; 33.5; 59; 55Alp Oph ; 2.08; 8900;occ; 67; 0;25628
 11; 4895.3; 24-JAN-2007 12:14:16; Bright; 33.0; 126; 60Bet Oph ; 2.77; 4250;occ; 66; 0;25628
 12; 5234.0; 24-JAN-2007 12:19:55; Dark ; 41.5; 98; 13Zet Oph ; 2.57; 30000;occ; 83; 0;25628
 13; 5504.4; 24-JAN-2007 12:24:25; Dark ; 53.0; 16; 21Alp Sco ; 1.02; 3000;occ; 106; 0;25628
 14; 5591.1; 24-JAN-2007 12:25:52; Dark ; 39.0; 75; 26Eps Sco ; 2.29; 4250;occ; 78; 0;25628
 15; 5837.9; 24-JAN-2007 12:29:59; Dark ; 39.5; 131; Gam Lup ; 2.80; 26000;occ; 79; 0;25628
 16; 6047.7; 24-JAN-2007 12:33:29; Dark ; 41.0; 78; Alp Lup ; 2.30; 28000;occ; 82; 0;25628
 17; 6172.8; 24-JAN-2007 12:35:34; Dark ; 43.5; 4; Alp1Cen ; -0.01; 5800;occ; 87; 0;25628
 18; 6348.6; 24-JAN-2007 12:38:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25628
 19; 6446.0; 24-JAN-2007 12:40:07; Dark ; 40.0; 12; Alp1Cru ; 0.77; 30000;occ; 80; 0;25628
 20; 6690.0; 24-JAN-2007 12:44:11; Dark ; 41.0; 29; Bet Car ; 1.67; 10200;occ; 82; 0;25628
 21; 6820.7; 24-JAN-2007 12:46:22; Dark ; 38.0; 71; Iot Car ; 2.25; 7700;occ; 76; 0;25628
 22; 6929.2; 24-JAN-2007 12:48:10; Dark ; 37.0; 46; Del Vel ; 1.95; 10600;occ; 74; 0;25628
 23; 7086.0; 24-JAN-2007 12:50:47; Dark ; 38.0; 34; Gam2Vel ; 1.79; 23000;occ; 76; 0;25628
 24; 7212.6; 24-JAN-2007 12:52:53; Dark ; 40.0; 70; Zet Pup ; 2.25; 39000;occ; 80; 0;25628
 25; 7302.4; 24-JAN-2007 12:54:23; Dark ; 39.5; 117; Pi Pup ; 2.71; 3800;occ; 79; 0;25628
 26; 7450.6; 24-JAN-2007 12:56:52; Dark ; 40.5; 23; 21Eps CMA ; 1.50; 26000;occ; 81; 0;25628
 27; 7533.7; 24-JAN-2007 12:58:15; Dark ; 37.5; 179; 240mi2CMA ; 3.03; 24000;occ; 75; 0;25628

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4; 2294.6; 24-JAN-2007 13:11:31; Bright; 38.0; 151; 13Mu Gem ; 2.89; 3000; occ; 76; 0; 25629
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6; 2676.4; 24-JAN-2007 13:17:53; Bright; 34.5; 42; 34Bet Aur ; 1.90; 10200; occ; 69; 0; 25629
7; 3426.5; 24-JAN-2007 13:30:23; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300; occ; 70; 0; 25629
8; 4085.8; 24-JAN-2007 13:41:23; Bright; 36.5; 130; 23Bet Dra ; 2.80; 5800; occ; 73; 0; 25629
9; 4288.4; 24-JAN-2007 13:44:45; Bright; 32.5; 5; 3Alp Lyr ; 0.03; 11000; occ; 65; 0; 25629
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11; 4895.6; 24-JAN-2007 13:54:52; Bright; 33.5; 126; 60Bet Oph ; 2.77; 4250; occ; 67; 0; 25629
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13; 5505.0; 24-JAN-2007 14:05:02; Dark ; 48.5; 16; 21Alp Sco ; 1.02; 3000; occ; 97; 0; 25629
14; 5591.5; 24-JAN-2007 14:06:28; Dark ; 42.5; 75; 26Eps Sco ; 2.29; 4250; occ; 85; 0; 25629
15; 5838.7; 24-JAN-2007 14:10:35; Dark ; 41.0; 131; Gam Lup ; 2.80; 26000; occ; 82; 0; 25629
16; 6048.4; 24-JAN-2007 14:14:05; Dark ; 42.0; 78; Alp Lup ; 2.30; 28000; occ; 84; 0; 25629
17; 6173.3; 24-JAN-2007 14:16:10; Dark ; 41.5; 4; Alp1Cen ; -0.01; 5800; occ; 83; 0; 25629
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19; 6446.6; 24-JAN-2007 14:20:43; Dark ; 40.0; 12; Alp1Cru ; 0.77; 30000; occ; 80; 0; 25629
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21; 6821.1; 24-JAN-2007 14:26:58; Dark ; 38.5; 71; Iot Car ; 2.25; 7700; occ; 77; 0; 25629
22; 6929.6; 24-JAN-2007 14:28:46; Dark ; 38.5; 46; Del Vel ; 1.95; 10600; occ; 77; 0; 25629
23; 7086.3; 24-JAN-2007 14:31:23; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000; occ; 87; 0; 25629
24; 7212.8; 24-JAN-2007 14:33:30; Dark ; 41.5; 70; Zet Pup ; 2.25; 39000; occ; 83; 0; 25629
25; 7302.7; 24-JAN-2007 14:35:00; Dark ; 41.0; 117; Pi Pup ; 2.71; 3800; occ; 82; 0; 25629
26; 7427.6; 24-JAN-2007 14:37:04; Dark ; 40.0; 88; 31Eta CMa ; 2.45; 20000; occ; 80; 0; 25629
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3; 1627.9; 24-JAN-2007 14:41:01; Dark ; 41.5; 1; 9Alp CMa ; -1.44; 11000; occ; 83; 0; 25630
4; 2049.1; 24-JAN-2007 14:48:02; Dark ; 42.0; 153; 3Bet CMI ; 2.89; 13100; occ; 84; 0; 25630
5; 2188.2; 24-JAN-2007 14:50:21; Bright; 38.5; 44; 24Gam Gem ; 1.93; 11000; occ; 77; 0; 25630
6; 2294.7; 24-JAN-2007 14:52:07; Bright; 38.5; 151; 13Mu Gem ; 2.89; 3000; occ; 77; 0; 25630
7; 2548.3; 24-JAN-2007 14:56:21; Bright; 35.0; 107; 37The Aur ; 2.65; 11000; occ; 70; 0; 25630
8; 2676.6; 24-JAN-2007 14:58:29; Bright; 36.5; 42; 34Bet Aur ; 1.90; 10200; occ; 73; 0; 25630
9; 3426.5; 24-JAN-2007 15:10:59; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300; occ; 68; 0; 25630
10; 4085.9; 24-JAN-2007 15:21:59; Bright; 36.0; 130; 23Bet Dra ; 2.80; 5800; occ; 72; 0; 25630
11; 4288.6; 24-JAN-2007 15:25:21; Bright; 33.5; 5; 3Alp Lyr ; 0.03; 11000; occ; 67; 0; 25630
12; 4769.2; 24-JAN-2007 15:33:22; Bright; 34.0; 59; 55Alp Oph ; 2.08; 8900; occ; 68; 0; 25630
13; 4895.7; 24-JAN-2007 15:35:28; Bright; 34.0; 126; 60Bet Oph ; 2.77; 4250; occ; 68; 0; 25630
14; 5235.1; 24-JAN-2007 15:41:08; Dark ; 43.5; 98; 13Zet Oph ; 2.57; 30000; occ; 87; 0; 25630
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16; 5592.0; 24-JAN-2007 15:47:05; Dark ; 40.0; 75; 26Eps Sco ; 2.29; 4250; occ; 80; 0; 25630
17; 5839.5; 24-JAN-2007 15:51:12; Dark ; 40.0; 131; Gam Lup ; 2.80; 26000; occ; 80; 0; 25630
18; 6049.3; 24-JAN-2007 15:54:42; Dark ; 41.5; 78; Alp Lup ; 2.30; 28000; occ; 83; 0; 25630
19; 6174.0; 24-JAN-2007 15:56:47; Dark ; 46.0; 4; Alp1Cen ; -0.01; 5800; occ; 92; 0; 25630
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21; 6447.3; 24-JAN-2007 16:01:20; Dark ; 39.5; 12; Alp1Cru ; 0.77; 30000; occ; 79; 0; 25630
22; 6690.8; 24-JAN-2007 16:05:23; Dark ; 37.0; 29; Bet Car ; 1.67; 10200; occ; 74; 0; 25630
23; 6821.6; 24-JAN-2007 16:07:34; Dark ; 42.0; 71; Iot Car ; 2.25; 7700; occ; 84; 0; 25630
24; 6930.1; 24-JAN-2007 16:09:23; Dark ; 38.5; 46; Del Vel ; 1.95; 10600; occ; 77; 0; 25630
25; 7086.8; 24-JAN-2007 16:11:59; Dark ; 38.5; 34; Gam2Vel ; 1.79; 23000; occ; 77; 0; 25630
26; 7213.2; 24-JAN-2007 16:14:06; Dark ; 40.0; 70; Zet Pup ; 2.25; 39000; occ; 80; 0; 25630
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6; 780.6; 23-JAN-2007 18:19:42; Dark ; 37.5; 71; Iot Car ; 2.25; 7700; occ; 75; 0; 25618
7; 889.6; 23-JAN-2007 18:21:31; Dark ; 40.0; 46; Del Vel ; 1.95; 10600; occ; 80; 0; 25618
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16; 891.9; 24-JAN-2007 04:25:09; Dark ; 38.0; 46; Del Vel ; 1.95; 10600;occ; 76; 0;25624
17; 1048.9; 24-JAN-2007 04:27:46; Dark ; 39.5; 34; Gam2Vel ; 1.79; 23000;occ; 79; 0;25624
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21; 1497.2; 24-JAN-2007 04:35:14; Dark ; 38.5; 179; 240mi2CMA ; 3.03; 24000;occ; 77; 0;25624
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23; 2049.5; 24-JAN-2007 04:44:26; Dark ; 41.5; 153; 3Bet CMI ; 2.89; 13100;occ; 83; 0;25624
24; 2188.2; 24-JAN-2007 04:46:45; Bright; 39.0; 44; 24Gam Gem ; 1.93; 11000;occ; 78; 0;25624
25; 2294.5; 24-JAN-2007 04:48:31; Bright; 38.0; 151; 13Mu Gem ; 2.89; 3000;occ; 76; 0;25624
26; 2547.8; 24-JAN-2007 04:52:45; Bright; 35.0; 107; 37The Aur ; 2.65; 11000;occ; 70; 0;25624
27; 2676.2; 24-JAN-2007 04:54:53; Bright; 34.5; 42; 34Bet Aur ; 1.90; 10200;occ; 69; 0;25624
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7; -446.3; 24-JAN-2007 05:43:27; Dark ; 43.0; 75; 26Eps Sco ; 2.29; 4250;occ; 86; 0;25624
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9; 9.0; 24-JAN-2007 05:51:02; Dark ; 40.5; 78; Alp Lup ; 2.30; 28000;occ; 81; 0;25625
10; 135.2; 24-JAN-2007 05:53:08; Dark ; 53.5; 4; Alp1Cen ;-0.01; 5800;occ; 107; 0;25625
11; 222.8; 24-JAN-2007 05:54:36; Dark ; 30.0; 77; Eps Cen ; 2.30; 28000;occ; 60; 0;25625
12; 312.0; 24-JAN-2007 05:56:05; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25625
13; 408.2; 24-JAN-2007 05:57:41; Dark ; 40.5; 12; Alp1Cru ; 0.77; 30000;occ; 81; 0;25625
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16; 892.3; 24-JAN-2007 06:05:45; Dark ; 42.0; 46; Del Vel ; 1.95; 10600;occ; 84; 0;25625
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26; 7536.0; 25-JAN-2007 10:46:04; Dark ; 36.5; 179; 240mi2CMA ; 3.03; 24000;occ; 73; 0;25641
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20; 6196.5; 27-JAN-2007 17:43:31; Dark ; 45.0; 4; Alp1Cen ; -0.01; 5800;occ; 90; 0;25674
21; 6361.9; 27-JAN-2007 17:46:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25674
22; 6471.6; 27-JAN-2007 17:48:06; Dark ; 40.0; 12; Alp1Cru ; 0.77; 30000;occ; 80; 0;25674
23; 6702.7; 27-JAN-2007 17:51:57; Dark ; 37.0; 29; Bet Car ; 1.67; 10200;occ; 74; 0;25674
24; 6837.9; 27-JAN-2007 17:54:12; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;25674
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6; 1635.0; 27-JAN-2007 18:08:05; Dark ; 44.0; 1; 9Alp CMa ; -1.44; 11000;occ; 88; 0;25675
7; 1994.0; 27-JAN-2007 18:14:04; Dark ; 53.5; 8; 10Alp CMi ; 0.40; 6500;occ; 107; 0;25675
8; 2191.6; 27-JAN-2007 18:17:22; Bright; 38.0; 44; 24Gam Gem ; 1.93; 11000;occ; 76; 0;25675
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12; 3427.1; 27-JAN-2007 18:37:57; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;25675
13; 4086.9; 27-JAN-2007 18:48:57; Bright; 35.5; 130; 23Bet Dra ; 2.80; 5800;occ; 71; 0;25675
14; 4295.6; 27-JAN-2007 18:52:26; Bright; 34.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 68; 0;25675
15; 4780.3; 27-JAN-2007 19:00:30; Bright; 35.0; 59; 55Alp Oph ; 2.08; 8900;occ; 70; 0;25675
16; 4906.8; 27-JAN-2007 19:02:37; Bright; 35.0; 126; 60Bet Oph ; 2.77; 4250;occ; 70; 0;25675
17; 5284.8; 27-JAN-2007 19:08:55; Dark ; 42.0; 86; 35Eta Oph ; 2.43; 10200;occ; 84; 0;25675
18; 5531.2; 27-JAN-2007 19:13:01; Dark ; 46.5; 16; 21Alp Sco ; 1.02; 3000;occ; 93; 0;25675
19; 5611.5; 27-JAN-2007 19:14:22; Dark ; 40.5; 75; 26Eps Sco ; 2.29; 4250;occ; 81; 0;25675
20; 5871.4; 27-JAN-2007 19:18:42; Dark ; 40.5; 131; Gam Lup ; 2.80; 26000;occ; 81; 0;25675
21; 6105.0; 27-JAN-2007 19:22:35; Dark ; 38.5; 134; Bet TrA ; 2.81; 6600;occ; 77; 0;25675
22; 6197.0; 27-JAN-2007 19:24:07; Dark ; 43.0; 4; Alp1Cen ; -0.01; 5800;occ; 86; 0;25675
23; 6362.1; 27-JAN-2007 19:26:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25675
24; 6472.0; 27-JAN-2007 19:28:42; Dark ; 40.5; 12; Alp1Cru ; 0.77; 30000;occ; 81; 0;25675
25; 6702.7; 27-JAN-2007 19:32:33; Dark ; 42.5; 29; Bet Car ; 1.67; 10200;occ; 85; 0;25675
26; 6838.2; 27-JAN-2007 19:34:48; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;25675
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3; -423.2; 28-JAN-2007 00:16:11; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;25678
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2; 163.1; 28-JAN-2007 02:06:33; Dark ; 41.0; 4; Alp1Cen ; -0.01; 5800;occ; 82; 0;25680
3; 327.3; 28-JAN-2007 02:09:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25680
4; 438.3; 28-JAN-2007 02:11:08; Dark ; 40.5; 12; Alp1Cru ; 0.77; 30000;occ; 81; 0;25680
5; 667.7; 28-JAN-2007 02:14:57; Dark ; 38.0; 29; Bet Car ; 1.67; 10200;occ; 76; 0;25680
6; 803.5; 28-JAN-2007 02:17:13; Dark ; 37.5; 71; Iot Car ; 2.25; 7700;occ; 75; 0;25680
7; 910.5; 28-JAN-2007 02:19:00; Dark ; 40.0; 46; Del Vel ; 1.95; 10600;occ; 80; 0;25680
8; 1064.7; 28-JAN-2007 02:21:34; Dark ; 42.5; 34; Gam2Vel ; 1.79; 23000;occ; 85; 0;25680
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11; 1423.8; 28-JAN-2007 02:27:34; Dark ; 42.0; 23; 21Eps CMa ; 1.50; 26000;occ; 84; 0;25680
12; 1506.6; 28-JAN-2007 02:28:56; Dark ; 37.5; 179; 240mi2CMa ; 3.03; 24000;occ; 75; 0;25680
13; 1635.8; 28-JAN-2007 02:31:06; Dark ; 44.0; 1; 9Alp CMa ; -1.44; 11000;occ; 88; 0;25680
14; 2192.0; 28-JAN-2007 02:40:22; Bright; 37.0; 44; 24Gam Gem ; 1.93; 11000;occ; 74; 0;25680
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17; 2682.7; 28-JAN-2007 02:48:32; Bright; 35.0; 42; 34Bet Aur ; 1.90; 10200;occ; 70; 0;25680
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3; -1254.5; 28-JAN-2007 03:23:31; Bright; 35.5; 59; 55Alp Oph ; 2.08; 8900;occ; 71; 0;25680
4; -1127.8; 28-JAN-2007 03:25:38; Bright; 34.5; 126; 60Bet Oph ; 2.77; 4250;occ; 69; 0;25680
5; -749.0; 28-JAN-2007 03:31:57; Dark ; 42.5; 86; 35Eta Oph ; 2.43; 10200;occ; 85; 0;25680
6; -436.5; 28-JAN-2007 03:37:09; Dark ; 39.5; 25; 35Lam Sco ; 1.62; 28000;occ; 79; 0;25680

7;	-345.9;	28-JAN-2007 03:38:40;	Dark ;	42.0;	40;	The Sco	;	1.86;	7100;	occ;	84;	0;	25680
8;	-231.4;	28-JAN-2007 03:40:34;	Dark ;	35.5;	147;	Alp Ara	;	2.88;	26000;	occ;	71;	0;	25680
9;	-136.9;	28-JAN-2007 03:42:09;	Dark ;	37.5;	141;	Bet Ara	;	2.84;	4600;	occ;	75;	0;	25680
10;	70.8;	28-JAN-2007 03:45:36;	Dark ;	37.0;	134;	Bet TrA	;	2.81;	6600;	occ;	74;	0;	25681
11;	163.7;	28-JAN-2007 03:47:09;	Dark ;	42.0;	4;	Alp1Cen	;	-0.01;	5800;	occ;	84;	0;	25681
12;	327.5;	28-JAN-2007 03:49:53;	Dark ;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	25681
13;	438.8;	28-JAN-2007 03:51:45;	Dark ;	40.5;	12;	Alp1Cru	;	0.77;	30000;	occ;	81;	0;	25681
14;	668.1;	28-JAN-2007 03:55:34;	Dark ;	39.0;	29;	Bet Car	;	1.67;	10200;	occ;	78;	0;	25681
15;	804.1;	28-JAN-2007 03:57:50;	Dark ;	38.0;	71;	Iot Car	;	2.25;	7700;	occ;	76;	0;	25681
16;	910.9;	28-JAN-2007 03:59:37;	Dark ;	41.0;	46;	Del Vel	;	1.95;	10600;	occ;	82;	0;	25681
17;	1065.1;	28-JAN-2007 04:02:11;	Dark ;	42.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	85;	0;	25681
18;	1191.0;	28-JAN-2007 04:04:17;	Dark ;	38.5;	70;	Zet Pup	;	2.25;	39000;	occ;	77;	0;	25681
19;	1277.0;	28-JAN-2007 04:05:43;	Dark ;	40.0;	117;	Pi Pup	;	2.71;	3800;	occ;	80;	0;	25681
20;	1424.0;	28-JAN-2007 04:08:10;	Dark ;	39.5;	23;	21Eps CMA	;	1.50;	26000;	occ;	79;	0;	25681
21;	1506.9;	28-JAN-2007 04:09:33;	Dark ;	37.0;	179;	240mi2CMA	;	3.03;	24000;	occ;	74;	0;	25681
22;	1636.1;	28-JAN-2007 04:11:42;	Dark ;	43.0;	1;	9Alp CMA	;	-1.44;	11000;	occ;	86;	0;	25681
23;	2192.3;	28-JAN-2007 04:20:58;	Bright;	35.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	71;	0;	25681
24;	2300.5;	28-JAN-2007 04:22:46;	Bright;	39.5;	151;	13Mu Gem	;	2.89;	3000;	occ;	79;	0;	25681
25;	2555.9;	28-JAN-2007 04:27:02;	Bright;	35.0;	107;	37The Aur	;	2.65;	11000;	occ;	70;	0;	25681
26;	2682.8;	28-JAN-2007 04:29:08;	Bright;	35.0;	42;	34Bet Aur	;	1.90;	10200;	occ;	70;	0;	25681
27;	3427.2;	28-JAN-2007 04:41:33;	Bright;	36.0;	49;	1Alp UMi	;	1.99;	6300;	occ;	72;	0;	25681
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2;	-1739.4;	28-JAN-2007 04:56:02;	Bright;	34.0;	5;	3Alp Lyr	;	0.03;	11000;	occ;	68;	0;	25681
3;	-1254.2;	28-JAN-2007 05:04:08;	Bright;	35.5;	59;	55Alp Oph	;	2.08;	8900;	occ;	71;	0;	25681
4;	-1127.4;	28-JAN-2007 05:06:14;	Bright;	34.5;	126;	60Bet Oph	;	2.77;	4250;	occ;	69;	0;	25681
5;	-748.8;	28-JAN-2007 05:12:33;	Dark ;	42.5;	86;	35Eta Oph	;	2.43;	10200;	occ;	85;	0;	25681
6;	-436.3;	28-JAN-2007 05:17:45;	Dark ;	41.5;	25;	35Lam Sco	;	1.62;	28000;	occ;	83;	0;	25681
7;	-345.6;	28-JAN-2007 05:19:16;	Dark ;	41.5;	40;	The Sco	;	1.86;	7100;	occ;	83;	0;	25681
8;	-231.2;	28-JAN-2007 05:21:11;	Dark ;	37.5;	147;	Alp Ara	;	2.88;	26000;	occ;	75;	0;	25681
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11;	164.2;	28-JAN-2007 05:27:46;	Dark ;	54.5;	4;	Alp1Cen	;	-0.01;	5800;	occ;	109;	0;	25682
12;	327.8;	28-JAN-2007 05:30:30;	Dark ;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	25682
13;	439.4;	28-JAN-2007 05:32:21;	Dark ;	41.0;	12;	Alp1Cru	;	0.77;	30000;	occ;	82;	0;	25682
14;	668.3;	28-JAN-2007 05:36:10;	Dark ;	37.0;	29;	Bet Car	;	1.67;	10200;	occ;	74;	0;	25682
15;	804.4;	28-JAN-2007 05:38:26;	Dark ;	37.0;	71;	Iot Car	;	2.25;	7700;	occ;	74;	0;	25682
16;	911.3;	28-JAN-2007 05:40:13;	Dark ;	41.0;	46;	Del Vel	;	1.95;	10600;	occ;	82;	0;	25682
17;	1065.3;	28-JAN-2007 05:42:47;	Dark ;	38.0;	34;	Gam2Vel	;	1.79;	23000;	occ;	76;	0;	25682
18;	1191.1;	28-JAN-2007 05:44:53;	Dark ;	41.0;	70;	Zet Pup	;	2.25;	39000;	occ;	82;	0;	25682
19;	1277.2;	28-JAN-2007 05:46:19;	Dark ;	41.5;	117;	Pi Pup	;	2.71;	3800;	occ;	83;	0;	25682
20;	1424.3;	28-JAN-2007 05:48:46;	Dark ;	39.0;	23;	21Eps CMA	;	1.50;	26000;	occ;	78;	0;	25682
21;	1507.1;	28-JAN-2007 05:50:09;	Dark ;	35.5;	179;	240mi2CMA	;	3.03;	24000;	occ;	71;	0;	25682
22;	1636.3;	28-JAN-2007 05:52:18;	Dark ;	44.0;	1;	9Alp CMA	;	-1.44;	11000;	occ;	88;	0;	25682
23;	2192.4;	28-JAN-2007 06:01:34;	Bright;	36.0;	44;	24Gam Gem	;	1.93;	11000;	occ;	72;	0;	25682
24;	2300.4;	28-JAN-2007 06:03:22;	Bright;	46.0;	151;	13Mu Gem	;	2.89;	3000;	occ;	92;	0;	25682
25;	2556.1;	28-JAN-2007 06:07:38;	Bright;	34.5;	107;	37The Aur	;	2.65;	11000;	occ;	69;	0;	25682
26;	2682.8;	28-JAN-2007 06:09:45;	Bright;	34.5;	42;	34Bet Aur	;	1.90;	10200;	occ;	69;	0;	25682
27;	3427.2;	28-JAN-2007 06:22:09;	Bright;	51.5;	49;	1Alp UMi	;	1.99;	6300;	occ;	103;	0;	25682
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2;	914.0;	28-JAN-2007 20:45:39;	Dark ;	37.0;	46;	Del Vel	;	1.95;	10600;	occ;	74;	0;	25691
3;	1067.8;	28-JAN-2007 20:48:13;	Dark ;	41.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	83;	0;	25691
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6;	1425.9;	28-JAN-2007 20:54:11;	Dark ;	40.0;	23;	21Eps CMA	;	1.50;	26000;	occ;	80;	0;	25691
7;	1508.6;	28-JAN-2007 20:55:34;	Dark ;	38.5;	179;	240mi2CMA	;	3.03;	24000;	occ;	77;	0;	25691
8;	1637.6;	28-JAN-2007 20:57:43;	Dark ;	39.0;	1;	9Alp CMA	;	-1.44;	11000;	occ;	78;	0;	25691
9;	2046.7;	28-JAN-2007 21:04:32;	Dark ;	40.0;	153;	3Bet CMI	;	2.89;	13100;	occ;	80;	0;	25691
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11;	2301.7;	28-JAN-2007 21:08:47;	Bright;	37.5;	151;	13Mu Gem	;	2.89;	3000;	occ;	75;	0;	25691
12;	2557.6;	28-JAN-2007 21:13:03;	Bright;	34.0;	107;	37The Aur	;	2.65;	11000;	occ;	68;	0;	25691
13;	2684.2;	28-JAN-2007 21:15:10;	Bright;	35.5;	42;	34Bet Aur	;	1.90;	10200;	occ;	71;	0;	25691
14;	3427.3;	28-JAN-2007 21:27:33;	Bright;	35.5;	49;	1Alp UMi	;	1.99;	6300;	occ;	71;	0;	25691
15;	4087.1;	28-JAN-2007 21:38:32;	Bright;	34.0;	130;	23Bet Dra	;	2.80;	5800;	occ;	68;	0;	25691
16;	4298.1;	28-JAN-2007 21:42:03;	Bright;	34.5;	5;	3Alp Lyr	;	0.03;	11000;	occ;	69;	0;	25691
17;	4784.4;	28-JAN-2007 21:50:10;	Bright;	35.5;	59;	55Alp Oph	;	2.08;	8900;	occ;	71;	0;	25691
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10; 71.4; 28-JAN-2007 07:06:49; Dark ; 38.0; 134; Bet TrA ; 2.81; 6600;occ; 76; 0;25683
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27;	7322.0;	31-JAN-2007	12:34:37;	Dark	;	43.0;	117;	Pi Pup	;	2.71;	3800;occ;	86;	0;	25728
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5;	2565.5;	31-JAN-2007	12:55:56;	Bright;	;	35.0;	107;	37The Aur	;	2.65;	11000;occ;	70;	0;	25729
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7;	3427.9;	31-JAN-2007	13:10:19;	Bright;	;	35.5;	49;	1Alp UMi	;	1.99;	6300;occ;	71;	0;	25729
8;	4099.7;	31-JAN-2007	13:21:31;	Bright;	;	36.5;	69;	33Gam Dra	;	2.23;	3800;occ;	73;	0;	25729
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17;	5909.7;	31-JAN-2007	13:51:41;	Dark	;	41.0;	141;	Bet Ara	;	2.84;	4600;occ;	82;	0;	25729
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2; 1203.6; 31-JAN-2007 17:35:02; Dark ; 39.0; 70; Zet Pup ; 2.25; 39000;occ; 78; 0;25732
3; 1286.6; 31-JAN-2007 17:36:25; Dark ; 42.5; 117; Pi Pup ; 2.71; 3800;occ; 85; 0;25732
4; 1432.9; 31-JAN-2007 17:38:52; Dark ; 42.0; 23; 21Eps CMa ; 1.50; 26000;occ; 84; 0;25732
5; 1515.6; 31-JAN-2007 17:40:14; Dark ; 38.0; 179; 240mi2CMa ; 3.03; 24000;occ; 76; 0;25732
6; 1644.8; 31-JAN-2007 17:42:24; Dark ; 41.5; 1; 9Alp CMa ; -1.44; 11000;occ; 83; 0;25732
7; 1993.0; 31-JAN-2007 17:48:12; Dark ; 44.5; 8; 10Alp CMi ; 0.40; 6500;occ; 89; 0;25732
8; 2198.5; 31-JAN-2007 17:51:37; Bright; 38.0; 44; 24Gam Gem ; 1.93; 11000;occ; 76; 0;25732
9; 2308.5; 31-JAN-2007 17:53:27; Bright; 37.0; 151; 13Mu Gem ; 2.89; 3000;occ; 74; 0;25732
10; 2566.2; 31-JAN-2007 17:57:45; Bright; 35.0; 107; 37The Aur ; 2.65; 11000;occ; 70; 0;25732
11; 2691.6; 31-JAN-2007 17:59:50; Bright; 36.0; 42; 34Bet Aur ; 1.90; 10200;occ; 72; 0;25732
12; 3427.9; 31-JAN-2007 18:12:07; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;25732
13; 4099.9; 31-JAN-2007 18:23:19; Bright; 38.0; 69; 33Gam Dra ; 2.23; 3800;occ; 76; 0;25732
14; 4304.1; 31-JAN-2007 18:26:43; Bright; 33.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 67; 0;25732
15; 4795.7; 31-JAN-2007 18:34:54; Bright; 55.0; 59; 55Alp Oph ; 2.08; 8900;occ; 110; 0;25732
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17; 5310.7; 31-JAN-2007 18:43:29; Dark ; 43.5; 86; 35Eta Oph ; 2.43; 10200;occ; 87; 0;25732
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22; 5910.5; 31-JAN-2007 18:53:29; Dark ; 38.0; 141; Bet Ara ; 2.84; 4600;occ; 76; 0;25732
23; 6143.1; 31-JAN-2007 18:57:22; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;25732
24; 6227.5; 31-JAN-2007 18:58:46; Dark ; 42.0; 4; Alp1Cen ; -0.01; 5800;occ; 84; 0;25732
25; 6378.0; 31-JAN-2007 19:01:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;25732
26; 6503.1; 31-JAN-2007 19:03:22; Dark ; 39.0; 12; Alp1Cru ; 0.77; 30000;occ; 78; 0;25732
27; 6716.7; 31-JAN-2007 19:06:55; Dark ; 37.0; 29; Bet Car ; 1.67; 10200;occ; 74; 0;25732
28; 6857.7; 31-JAN-2007 19:09:16; Dark ; 38.0; 71; Iot Car ; 2.25; 7700;occ; 76; 0;25732
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3; 1286.7; 31-JAN-2007 19:17:01; Dark ; 41.0; 117; Pi Pup ; 2.71; 3800;occ; 82; 0;25733
4; 1433.1; 31-JAN-2007 19:19:28; Dark ; 41.0; 23; 21Eps CMa ; 1.50; 26000;occ; 82; 0;25733
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6; 1645.0; 31-JAN-2007 19:23:00; Dark ; 42.5; 1; 9Alp CMa ; -1.44; 11000;occ; 85; 0;25733
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13;	4099.9;	31-JAN-2007	20:03:55;	Bright;	38.5;	69;	33Gam Dra	;	2.23;	3800;occ;	77;	0;	25733	
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29;	6963.0;	31-JAN-2007	20:51:38;	Dark	;	34.5;	46;	Del Vel	;	1.95;	10600;occ;	69;	0;	25733