

# GOMOS Daily Report 06-JAN-2010

## Level 0 and Level 1 products

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## [Level 2 products](#)

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	07JAN2010 04:49:28
Data source version	GOMOS/5.00L04
Start time of products	06JAN2010 00:02:21
Stop time of products	06JAN2010 23:58:14
Store outputs in DB	Yes
Nb of level 1b prods	175
Nb of prods with errors	1

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

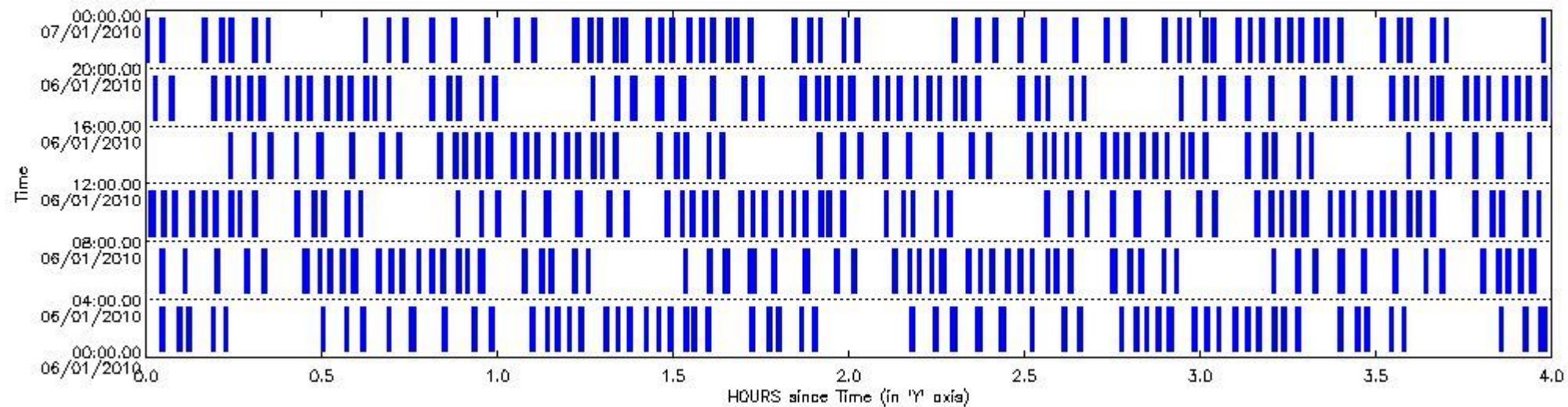
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 2.2 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)

No missing products.

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

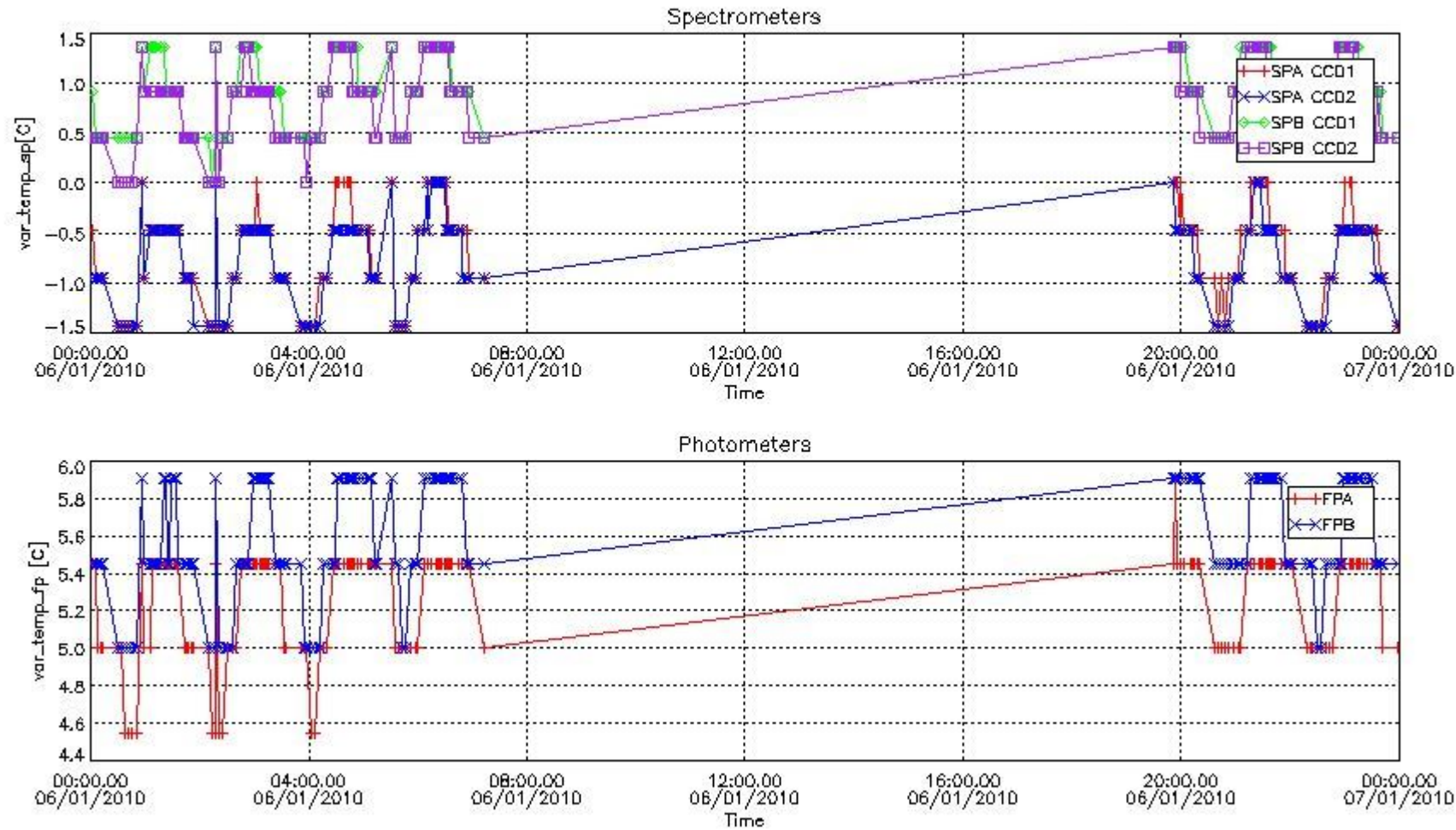
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100106_000221_000000532085_00417_41052_2819.N1	06-JAN-2010 00:02:21	Twilight_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	41052	No
2	GOM_TRA_1PNPDE20100106_000519_000000482085_00417_41052_2820.N1	06-JAN-2010 00:05:19	Twilight_stray	48.000	44	24Gam Gem	1.9280	11000.	96	41052	No
3	GOM_TRA_1PNPDE20100106_000658_000000482085_00417_41052_2821.N1	06-JAN-2010 00:06:58	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	41052	No
4	GOM_TRA_1PNPDE20100106_001102_000000392085_00417_41052_2822.N1	06-JAN-2010 00:11:02	Bright	38.500	107	37The Aur	2.6490	11000.	77	41052	No
5	GOM_TRA_1PNPDE20100106_001315_000000382085_00417_41052_2823.N1	06-JAN-2010 00:13:15	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	41052	No
6	GOM_TRA_1PNPDE20100106_002953_000000352085_00417_41052_2824.N1	06-JAN-2010 00:29:53	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	41052	No
7	GOM_TRA_1PNPDE20100106_003354_000000352085_00417_41052_2825.N1	06-JAN-2010 00:33:54	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	41052	No
8	GOM_TRA_1PNPDE20100106_003642_000000462085_00417_41052_2826.N1	06-JAN-2010 00:36:42	Bright	46.000	39	85Eta UMa	1.8540	24000.	92	41052	No
9	GOM_TRA_1PNPDE20100106_004105_000000432085_00417_41052_2827.N1	06-JAN-2010 00:41:05	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	41052	No
10	GOM_TRA_1PNPDE20100106_004500_000000662085_00417_41052_2828.N1	06-JAN-2010 00:45:00	Bright	66.000	83		2.3780	11000.	132	41052	No
11	GOM_TRA_1PNPDE20100106_005023_000000562085_00417_41052_2829.N1	06-JAN-2010 00:50:23	Bright	56.000	102	24Alp Ser	2.6000	4250.0	112	41052	No
12	GOM_TRA_1PNPDE20100106_005540_000000482085_00417_41052_2822.N1	06-JAN-2010 00:55:40	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	41052	Yes

13	GOM_TRA_1PNPDE20100106_005830_000000472085_00417_41052_2823.N1	06-JAN-2010 00:58:30	Twilight	47.000	122	9Alp2Lib	2.7470	9700.0	94	41052	No
14	GOM_TRA_1PNPDE20100106_010531_000000552085_00417_41052_2824.N1	06-JAN-2010 01:05:31	Dark	54.500	54	5The Cen	2.0550	4500.0	109	41052	No
15	GOM_TRA_1PNPDE20100106_010809_000000432085_00417_41052_2825.N1	06-JAN-2010 01:08:09	Dark	43.000	95	Zet Cen	2.5450	26000.	86	41052	No
16	GOM_TRA_1PNPDE20100106_010949_000000492085_00418_41053_2826.N1	06-JAN-2010 01:09:49	Dark	48.500	77	Eps Cen	2.3030	28000.	97	41053	No
17	GOM_TRA_1PNPDE20100106_011152_000000452085_00418_41053_2827.N1	06-JAN-2010 01:11:52	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41053	No
18	GOM_TRA_1PNPDE20100106_011805_000000522085_00418_41053_2828.N1	06-JAN-2010 01:18:05	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	41053	No
19	GOM_TRA_1PNPDE20100106_012014_000000412085_00418_41053_2829.N1	06-JAN-2010 01:20:14	Dark	40.500	71	Iot Car	2.2460	7700.0	81	41053	No
20	GOM_TRA_1PNPDE20100106_012208_000000452085_00418_41053_2830.N1	06-JAN-2010 01:22:08	Dark	44.500	46	Del Vel	1.9540	10600.	89	41053	No
21	GOM_TRA_1PNPDE20100106_012457_000000432085_00418_41053_2831.N1	06-JAN-2010 01:24:57	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	41053	No
22	GOM_TRA_1PNPDE20100106_012708_000000452085_00418_41053_2832.N1	06-JAN-2010 01:27:08	Dark	44.500	70	Zet Pup	2.2460	39000.	89	41053	No
23	GOM_TRA_1PNPDE20100106_012903_000000462085_00418_41053_2833.N1	06-JAN-2010 01:29:03	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	41053	No
24	GOM_TRA_1PNPDE20100106_013145_000000452085_00418_41053_2834.N1	06-JAN-2010 01:31:45	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	41053	No
25	GOM_TRA_1PNPDE20100106_013314_000000432085_00418_41053_2835.N1	06-JAN-2010 01:33:14	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	41053	No
26	GOM_TRA_1PNPDE20100106_013536_000000472085_00418_41053_2836.N1	06-JAN-2010 01:35:36	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	41053	No
27	GOM_TRA_1PNPDE20100106_014256_000000532085_00418_41053_2837.N1	06-JAN-2010 01:42:56	Twilight	53.000	14	58Alp Ori	0.87000	3000.0	106	41053	No
28	GOM_TRA_1PNPDE20100106_014554_000000452085_00418_41053_2838.N1	06-JAN-2010 01:45:54	Twilight	45.000	44	24Gam Gem	1.9280	11000.	90	41053	No
29	GOM_TRA_1PNPDE20100106_014734_000000472085_00418_41053_2839.N1	06-JAN-2010 01:47:34	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	41053	No
30	GOM_TRA_1PNPDE20100106_015138_000000372085_00418_41053_2840.N1	06-JAN-2010 01:51:38	Bright	36.500	107	37The Aur	2.6490	11000.	73	41053	No
31	GOM_TRA_1PNPDE20100106_015351_000000392085_00418_41053_2841.N1	06-JAN-2010 01:53:51	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	41053	No
32	GOM_TRA_1PNPDE20100106_021029_000000402085_00418_41053_2842.N1	06-JAN-2010 02:10:29	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	41053	No
33	GOM_TRA_1PNPDE20100106_021430_000000392085_00418_41053_2843.N1	06-JAN-2010 02:14:30	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	41053	No
34	GOM_TRA_1PNPDE20100106_021718_000000462085_00418_41053_2844.N1	06-JAN-2010 02:17:18	Bright	45.500	39	85Eta UMa	1.8540	24000.	91	41053	No
35	GOM_TRA_1PNPDE20100106_021718_000000692085_00418_41053_2842.N1	06-JAN-2010 02:17:18	Bright	69.000	39	85Eta UMa	1.8540	24000.	138	41053	No
36	GOM_TRA_1PNPDE20100106_022140_000000662085_00418_41053_2843.N1	06-JAN-2010 02:21:40	Bright	66.000	180	27Gam Boo	3.0400	8000.0	132	41053	No
37	GOM_TRA_1PNPDE20100106_022536_000000662085_00418_41053_2844.N1	06-JAN-2010 02:25:36	Bright	66.000	83		2.3780	11000.	132	41053	No
38	GOM_TRA_1PNPDE20100106_023100_000000372085_00418_41053_2845.N1	06-JAN-2010 02:31:00	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	41053	No
39	GOM_TRA_1PNPDE20100106_023616_000000492085_00418_41053_2846.N1	06-JAN-2010 02:36:16	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	41053	No
40	GOM_TRA_1PNPDE20100106_023906_000000432085_00418_41053_2847.N1	06-JAN-2010 02:39:06	Twilight	42.500	122	9Alp2Lib	2.7470	9700.0	85	41053	No
41	GOM_TRA_1PNPDE20100106_024608_000000462085_00418_41053_2848.N1	06-JAN-2010 02:46:08	Dark	46.000	54	5The Cen	2.0550	4500.0	92	41053	No
42	GOM_TRA_1PNPDE20100106_024845_000000412085_00418_41053_2849.N1	06-JAN-2010 02:48:45	Dark	41.000	95	Zet Cen	2.5450	26000.	82	41053	No
43	GOM_TRA_1PNPDE20100106_025026_000000422085_00419_41054_2850.N1	06-JAN-2010 02:50:26	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41054	No
44	GOM_TRA_1PNPDE20100106_025229_000000442085_00419_41054_2851.N1	06-JAN-2010 02:52:29	Dark	44.000	64	Gam Cen	2.2000	10600.	88	41054	No
45	GOM_TRA_1PNPDE20100106_025842_000000482085_00419_41054_2852.N1	06-JAN-2010 02:58:42	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	41054	No
46	GOM_TRA_1PNPDE20100106_030050_000000412085_00419_41054_2853.N1	06-JAN-2010 03:00:50	Dark	41.000	71	Iot Car	2.2460	7700.0	82	41054	No
47	GOM_TRA_1PNPDE20100106_030244_000000402085_00419_41054_2854.N1	06-JAN-2010 03:02:44	Dark	40.000	46	Del Vel	1.9540	10600.	80	41054	No
48	GOM_TRA_1PNPDE20100106_030533_000000432085_00419_41054_2855.N1	06-JAN-2010 03:05:33	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	41054	No
49	GOM_TRA_1PNPDE20100106_030744_000000412085_00419_41054_2856.N1	06-JAN-2010 03:07:44	Dark	41.000	70	Zet Pup	2.2460	39000.	82	41054	No
50	GOM_TRA_1PNPDE20100106_030939_000000462085_00419_41054_2857.N1	06-JAN-2010 03:09:39	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	41054	No
51	GOM_TRA_1PNPDE20100106_031221_000000452085_00419_41054_2858.N1	06-JAN-2010 03:12:21	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	41054	No
52	GOM_TRA_1PNPDE20100106_031350_000000442085_00419_41054_2859.N1	06-JAN-2010 03:13:50	Straylight	44.000	179	24Omi2CMa	3.0320	24000.	88	41054	No
53	GOM_TRA_1PNPDE20100106_031612_000000492085_00419_41054_2860.N1	06-JAN-2010 03:16:12	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	41054	No
54	GOM_TRA_1PNPDE20100106_032332_000000532085_00419_41054_2861.N1	06-JAN-2010 03:23:32	Twilight	53.000	14	58Alp Ori	0.87000	3000.0	106	41054	No
55	GOM_TRA_1PNPDE20100106_032630_000000472085_00419_41054_2862.N1	06-JAN-2010 03:26:30	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	41054	No
56	GOM_TRA_1PNPDE20100106_032810_000000452085_00419_41054_2863.N1	06-JAN-2010 03:28:10	Bright	45.000	151	13Mu Gem	2.8900	3000.0	90	41054	No
57	GOM_TRA_1PNPDE20100106_033213_000000372085_00419_41054_2864.N1	06-JAN-2010 03:32:13	Bright	37.000	107	37The Aur	2.6490	11000.	74	41054	No
58	GOM_TRA_1PNPDE20100106_033426_000000372085_00419_41054_2865.N1	06-JAN-2010 03:34:26	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41054	No
59	GOM_TRA_1PNPDE20100106_035104_000000352085_00419_41054_2870.N1	06-JAN-2010 03:51:04	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	41054	No
60	GOM_TRA_1PNPDE20100106_035506_000000472085_00419_41054_2871.N1	06-JAN-2010 03:55:06	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	41054	No
61	GOM_TRA_1PNPDE20100106_035753_000000692085_00419_41054_2872.N1	06-JAN-2010 03:57:53	Bright	69.000	39	85Eta UMa	1.8540	24000.	138	41054	No
62	GOM_TRA_1PNPDE20100106_040216_000000452085_00419_41054_2873.N1	06-JAN-2010 04:02:16	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	41054	No
63	GOM_TRA_1PNPDE20100106_040612_000000472085_00419_41054_2874.N1	06-JAN-2010 04:06:12	Bright	47.000	83		2.3780	11000.	94	41054	No
64	GOM_TRA_1PNPDE20100106_041136_000000562085_00419_41054_2875.N1	06-JAN-2010 04:11:36	Bright	56.000	102	24Alp Ser	2.6000	4250.0	112	41054	No
65	GOM_TRA_1PNPDE20100106_041653_000000492085_00419_41054_2876.N1	06-JAN-2010 04:16:53	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	41054	No
66	GOM_TRA_1PNPDE20100106_041943_000000432085_00419_41054_2877.N1	06-JAN-2010 04:19:43	Twilight	43.000	122	9Alp2Lib	2.7470	9700.0	86	41054	No
67	GOM_TRA_1PNPDE20100106_042645_000000532085_00419_41054_2878.N1	06-JAN-2010 04:26:45	Dark	53.000	54	5The Cen	2.0550	4500.0	106	41054	No
68	GOM_TRA_1PNPDE20100106_042922_000000402085_00419_41054_2879.N1	06-JAN-2010 04:29:22	Dark	39.500	95	Zet Cen	2.5450	26000.	79	41054	No
69	GOM_TRA_1PNPDE20100106_043102_000000412085_00420_41055_2880.N1	06-JAN-2010 04:31:02	Dark	40.500	77	Eps Cen	2.3030	28000.	81	41055	No
70	GOM_TRA_1PNPDE20100106_043306_000000442085_00420_41055_2881.N1	06-JAN-2010 04:33:06	Dark	43.500	64	Gam Cen	2.2000	10600.	87	41055	No
71	GOM_TRA_1PNPDE20100106_043918_000000532085_00420_41055_2882.N1	06-JAN-2010 04:39:18	Dark	52.500	113	Mu Vel	2.6920	5000.0	105	41055	No

72	GOM_TRA_1PNPDE20100106_044127_000000432085_00420_41055_2883.N1	06-JAN-2010 04:41:27	Dark	42.500	71	lot Car	2.2460	7700.0	85	41055	No
73	GOM_TRA_1PNPDE20100106_044321_000000462085_00420_41055_2884.N1	06-JAN-2010 04:43:21	Dark	46.000	46	Del Vel	1.9540	10600.	92	41055	No
74	GOM_TRA_1PNPDE20100106_044610_000000442085_00420_41055_2885.N1	06-JAN-2010 04:46:10	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	41055	No
75	GOM_TRA_1PNPDE20100106_044821_000000452085_00420_41055_2886.N1	06-JAN-2010 04:48:21	Dark	44.500	70	Zet Pup	2.2460	39000.	89	41055	No
76	GOM_TRA_1PNPDE20100106_045015_000000472085_00420_41055_2887.N1	06-JAN-2010 04:50:15	Dark	46.500	117	Pi Pup	2.7060	3800.0	93	41055	No
77	GOM_TRA_1PNPDE20100106_045257_000000442085_00420_41055_2888.N1	06-JAN-2010 04:52:57	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	41055	No
78	GOM_TRA_1PNPDE20100106_045427_000000432085_00420_41055_2889.N1	06-JAN-2010 04:54:27	Straylight	43.000	179	24Omi2CMa	3.0320	24000.	86	41055	No
79	GOM_TRA_1PNPDE20100106_045648_000000512085_00420_41055_2890.N1	06-JAN-2010 04:56:48	Straylight	51.000	1	9Alp CMa	-1.4400	11000.	102	41055	No
80	GOM_TRA_1PNPDE20100106_050408_000000532085_00420_41055_2891.N1	06-JAN-2010 05:04:08	Twilight_stray	52.500	14	58Alp Ori	0.87000	3000.0	105	41055	No
81	GOM_TRA_1PNPDE20100106_050706_000000472085_00420_41055_2892.N1	06-JAN-2010 05:07:06	Twilight_stray	46.500	44	24Gam Gem	1.9280	11000.	93	41055	No
82	GOM_TRA_1PNPDE20100106_050846_000000442085_00420_41055_2893.N1	06-JAN-2010 05:08:46	Bright	43.500	151	13Mu Gem	2.8900	3000.0	87	41055	No
83	GOM_TRA_1PNPDE20100106_051249_000000382085_00420_41055_2894.N1	06-JAN-2010 05:12:49	Bright	38.000	107	37The Aur	2.6490	11000.	76	41055	No
84	GOM_TRA_1PNPDE20100106_051502_000000372085_00420_41055_2895.N1	06-JAN-2010 05:15:02	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	41055	No
85	GOM_TRA_1PNPDE20100106_053140_000000442085_00420_41055_2892.N1	06-JAN-2010 05:31:40	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	41055	No
86	GOM_TRA_1PNPDE20100106_053542_000000532085_00420_41055_2893.N1	06-JAN-2010 05:35:42	Bright	53.000	119	14Eta Dra	2.7270	4700.0	106	41055	No
87	GOM_TRA_1PNPDE20100106_053829_000000692085_00420_41055_2894.N1	06-JAN-2010 05:38:29	Bright	69.000	39	85Eta UMa	1.8540	24000.	138	41055	No
88	GOM_TRA_1PNPDE20100106_054252_000000662085_00420_41055_2895.N1	06-JAN-2010 05:42:52	Bright	66.000	180	27Gam Boo	3.0400	8000.0	132	41055	No
89	GOM_TRA_1PNPDE20100106_054648_000000482085_00420_41055_2896.N1	06-JAN-2010 05:46:48	Bright	47.500	83		2.3780	11000.	95	41055	No
90	GOM_TRA_1PNPDE20100106_055212_000000562085_00420_41055_2897.N1	06-JAN-2010 05:52:12	Bright	56.000	102	24Alp Ser	2.6000	4250.0	112	41055	No
91	GOM_TRA_1PNPDE20100106_055729_000000502085_00420_41055_2898.N1	06-JAN-2010 05:57:29	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	41055	No
92	GOM_TRA_1PNPDE20100106_060020_000000472085_00420_41055_2899.N1	06-JAN-2010 06:00:20	Twilight_stray	47.000	122	9Alp2Lib	2.7470	9700.0	94	41055	No
93	GOM_TRA_1PNPDE20100106_060722_000000482085_00420_41055_2900.N1	06-JAN-2010 06:07:22	Dark	47.500	54	5The Cen	2.0550	4500.0	95	41055	No
94	GOM_TRA_1PNPDE20100106_060959_000000422085_00420_41055_2901.N1	06-JAN-2010 06:09:59	Dark	42.000	95	Zet Cen	2.5450	26000.	84	41055	No
95	GOM_TRA_1PNPDE20100106_061139_000000392085_00421_41056_2902.N1	06-JAN-2010 06:11:39	Dark	39.000	77	Eps Cen	2.3030	28000.	78	41056	No
96	GOM_TRA_1PNPDE20100106_061342_000000452085_00421_41056_2903.N1	06-JAN-2010 06:13:42	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41056	No
97	GOM_TRA_1PNPDE20100106_061955_000000462085_00421_41056_2904.N1	06-JAN-2010 06:19:55	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	41056	No
98	GOM_TRA_1PNPDE20100106_062203_000000412085_00421_41056_2905.N1	06-JAN-2010 06:22:03	Dark	40.500	71	lot Car	2.2460	7700.0	81	41056	No
99	GOM_TRA_1PNPDE20100106_062357_000000442085_00421_41056_2906.N1	06-JAN-2010 06:23:57	Dark	44.000	46	Del Vel	1.9540	10600.	88	41056	No
100	GOM_TRA_1PNPDE20100106_062646_000000412085_00421_41056_2907.N1	06-JAN-2010 06:26:46	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	41056	No
101	GOM_TRA_1PNPDE20100106_062857_000000452085_00421_41056_2908.N1	06-JAN-2010 06:28:57	Dark	45.000	70	Zet Pup	2.2460	39000.	90	41056	No
102	GOM_TRA_1PNPDE20100106_063052_000000442085_00421_41056_2909.N1	06-JAN-2010 06:30:52	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	41056	No
103	GOM_TRA_1PNPDE20100106_063334_000000432085_00421_41056_2910.N1	06-JAN-2010 06:33:34	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	41056	No
104	GOM_TRA_1PNPDE20100106_063503_000000432085_00421_41056_2911.N1	06-JAN-2010 06:35:03	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	41056	No
105	GOM_TRA_1PNPDE20100106_063724_000000482085_00421_41056_2912.N1	06-JAN-2010 06:37:24	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	41056	No
106	GOM_TRA_1PNPDE20100106_064444_000000532085_00421_41056_2913.N1	06-JAN-2010 06:44:44	Twilight_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	41056	No
107	GOM_TRA_1PNPDE20100106_064741_000000472085_00421_41056_2914.N1	06-JAN-2010 06:47:41	Twilight_stray	47.000	44	24Gam Gem	1.9280	11000.	94	41056	No
108	GOM_TRA_1PNPDE20100106_064922_000000572085_00421_41056_2915.N1	06-JAN-2010 06:49:22	Bright	57.000	151	13Mu Gem	2.8900	3000.0	114	41056	No
109	GOM_TRA_1PNPDE20100106_065325_000000392085_00421_41056_2916.N1	06-JAN-2010 06:53:25	Bright	38.500	107	37The Aur	2.6490	11000.	77	41056	No
110	GOM_TRA_1PNPDE20100106_065538_000000392085_00421_41056_2917.N1	06-JAN-2010 06:55:38	Bright	39.000	42	34Bet Aur	1.9000	10200.	78	41056	No
111	GOM_TRA_1PNPDE20100106_071216_000000332085_00421_41056_2918.N1	06-JAN-2010 07:12:16	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	41056	No
112	GOM_TRA_1PNPDE20100106_195137_000000422085_00429_41064_2942.N1	06-JAN-2010 19:51:37	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	41064	No
113	GOM_TRA_1PNPDE20100106_195348_000000452085_00429_41064_2943.N1	06-JAN-2010 19:53:48	Dark	44.500	70	Zet Pup	2.2460	39000.	89	41064	No
114	GOM_TRA_1PNPDE20100106_195542_000000472085_00429_41064_2944.N1	06-JAN-2010 19:55:42	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	41064	No
115	GOM_TRA_1PNPDE20100106_195823_000000452085_00429_41064_2945.N1	06-JAN-2010 19:58:23	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	41064	No
116	GOM_TRA_1PNPDE20100106_195952_000000412085_00429_41064_2946.N1	06-JAN-2010 19:59:52	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41064	No
117	GOM_TRA_1PNPDE20100106_200213_000000482085_00429_41064_2947.N1	06-JAN-2010 20:02:13	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	41064	No
118	GOM_TRA_1PNPDE20100106_200932_000000502085_00429_41064_2948.N1	06-JAN-2010 20:09:32	Twilight_stray	50.000	14	58Alp Ori	0.87000	3000.0	100	41064	No
119	GOM_TRA_1PNPDE20100106_201227_000000492085_00429_41064_2949.N1	06-JAN-2010 20:12:27	Twilight_stray	49.000	44	24Gam Gem	1.9280	11000.	98	41064	No
120	GOM_TRA_1PNPDE20100106_201407_000000502085_00429_41064_2950.N1	06-JAN-2010 20:14:07	Bright	49.500	151	13Mu Gem	2.8900	3000.0	99	41064	No
121	GOM_TRA_1PNPDE20100106_201811_000000382085_00429_41064_2951.N1	06-JAN-2010 20:18:11	Bright	38.000	107	37The Aur	2.6490	11000.	76	41064	No
122	GOM_TRA_1PNPDE20100106_202024_000000402085_00429_41064_2952.N1	06-JAN-2010 20:20:24	Bright	40.000	42	34Bet Aur	1.9000	10200.	80	41064	No
123	GOM_TRA_1PNPDE20100106_203702_000000402085_00429_41064_2953.N1	06-JAN-2010 20:37:02	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	41064	No
124	GOM_TRA_1PNPDE20100106_204105_000000352085_00429_41064_2954.N1	06-JAN-2010 20:41:05	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	41064	No
125	GOM_TRA_1PNPDE20100106_204350_000000472085_00429_41064_2955.N1	06-JAN-2010 20:43:50	Bright	47.000	39	85Eta UMa	1.8540	24000.	94	41064	No
126	GOM_TRA_1PNPDE20100106_204816_000000482085_00429_41064_2956.N1	06-JAN-2010 20:48:16	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	41064	No
127	GOM_TRA_1PNPDE20100106_205214_000000502085_00429_41064_2957.N1	06-JAN-2010 20:52:14	Bright	50.000	83		2.3780	11000.	100	41064	No
128	GOM_TRA_1PNPDE20100106_205739_000000562085_00429_41064_2951.N1	06-JAN-2010 20:57:39	Bright	56.000	102	24Alp Ser	2.6000	4250.0	112	41064	No
129	GOM_TRA_1PNPDE20100106_210257_000000482085_00429_41064_2952.N1	06-JAN-2010 21:02:57	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	41064	No
130	GOM_TRA_1PNPDE20100106_210549_000000472085_00429_41064_2953.N1	06-JAN-2010 21:05:49	Twilight_stray	46.500	122	9Alp2Lib	2.7470	9700.0	93	41064	No

131	GOM_TRA_1PNPDE20100106_211253_000000582085_00429_41064_2954.N1	06-JAN-2010 21:12:53	Dark	57.500	54	5The Cen	2.0550	4500.0	115	41064	No
132	GOM_TRA_1PNPDE20100106_211528_000000422085_00429_41064_2955.N1	06-JAN-2010 21:15:28	Dark	42.000	95	Zet Cen	2.5450	26000.	84	41064	No
133	GOM_TRA_1PNPDE20100106_211708_000000422085_00430_41065_2956.N1	06-JAN-2010 21:17:08	Dark	41.500	77	Eps Cen	2.3030	28000.	83	41065	No
134	GOM_TRA_1PNPDE20100106_211951_000000412085_00430_41065_2957.N1	06-JAN-2010 21:19:51	Dark	41.000	20	Bet Cru	1.2530	30000.	82	41065	No
135	GOM_TRA_1PNPDE20100106_212526_000000452085_00430_41065_2958.N1	06-JAN-2010 21:25:26	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	41065	No
136	GOM_TRA_1PNPDE20100106_212731_000000442085_00430_41065_2959.N1	06-JAN-2010 21:27:31	Dark	43.500	71	Iot Car	2.2460	7700.0	87	41065	No
137	GOM_TRA_1PNPDE20100106_212925_000000422085_00430_41065_2960.N1	06-JAN-2010 21:29:25	Dark	41.500	46	Del Vel	1.9540	10600.	83	41065	No
138	GOM_TRA_1PNPDE20100106_213214_000000462085_00430_41065_2961.N1	06-JAN-2010 21:32:14	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	41065	No
139	GOM_TRA_1PNPDE20100106_213424_000000452085_00430_41065_2962.N1	06-JAN-2010 21:34:24	Dark	45.000	70	Zet Pup	2.2460	39000.	90	41065	No
140	GOM_TRA_1PNPDE20100106_213618_000000462085_00430_41065_2963.N1	06-JAN-2010 21:36:18	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	41065	No
141	GOM_TRA_1PNPDE20100106_213859_000000432085_00430_41065_2964.N1	06-JAN-2010 21:38:59	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	41065	No
142	GOM_TRA_1PNPDE20100106_214028_000000422085_00430_41065_2965.N1	06-JAN-2010 21:40:28	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	41065	No
143	GOM_TRA_1PNPDE20100106_214249_000000452085_00430_41065_2966.N1	06-JAN-2010 21:42:49	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	41065	No
144	GOM_TRA_1PNPDE20100106_215008_000000532085_00430_41065_2967.N1	06-JAN-2010 21:50:08	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	41065	No
145	GOM_TRA_1PNPDE20100106_215303_000000482085_00430_41065_2968.N1	06-JAN-2010 21:53:03	Tw_i_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	41065	No
146	GOM_TRA_1PNPDE20100106_215443_000000452085_00430_41065_2969.N1	06-JAN-2010 21:54:43	Bright	45.000	151	13Mu Gem	2.8900	3000.0	90	41065	No
147	GOM_TRA_1PNPDE20100106_215847_000000382085_00430_41065_2970.N1	06-JAN-2010 21:58:47	Bright	37.500	107	37The Aur	2.6490	11000.	75	41065	No
148	GOM_TRA_1PNPDE20100106_220100_000000542085_00430_41065_2971.N1	06-JAN-2010 22:01:00	Bright	54.000	42	34Bet Aur	1.9000	10200.	108	41065	No
149	GOM_TRA_1PNPDE20100106_221738_000000402085_00430_41065_2972.N1	06-JAN-2010 22:17:38	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41065	No
150	GOM_TRA_1PNPDE20100106_222141_000000392085_00430_41065_2973.N1	06-JAN-2010 22:21:41	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	41065	No
151	GOM_TRA_1PNPDE20100106_222426_000000532085_00430_41065_2974.N1	06-JAN-2010 22:24:26	Bright	52.500	39	85Eta UMa	1.8540	24000.	105	41065	No
152	GOM_TRA_1PNPDE20100106_222852_000000442085_00430_41065_2975.N1	06-JAN-2010 22:28:52	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	41065	No
153	GOM_TRA_1PNPDE20100106_223250_000000462085_00430_41065_2976.N1	06-JAN-2010 22:32:50	Bright	45.500	83		2.3780	11000.	91	41065	No
154	GOM_TRA_1PNPDE20100106_223815_000000382085_00430_41065_2977.N1	06-JAN-2010 22:38:15	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	41065	No
155	GOM_TRA_1PNPDE20100106_224334_000000472085_00430_41065_2971.N1	06-JAN-2010 22:43:34	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	41065	No
156	GOM_TRA_1PNPDE20100106_224626_000000482085_00430_41065_2972.N1	06-JAN-2010 22:46:26	Tw_i_and_stray	48.000	122	9Alp2Lib	2.7470	9700.0	96	41065	No
157	GOM_TRA_1PNPDE20100106_225329_000000552085_00430_41065_2973.N1	06-JAN-2010 22:53:29	Dark	55.000	54	5The Cen	2.0550	4500.0	110	41065	No
158	GOM_TRA_1PNPDE20100106_225605_000000412085_00430_41065_2974.N1	06-JAN-2010 22:56:05	Dark	41.000	95	Zet Cen	2.5450	26000.	82	41065	No
159	GOM_TRA_1PNPDE20100106_225744_000000402085_00431_41066_2975.N1	06-JAN-2010 22:57:44	Dark	40.000	77	Eps Cen	2.3030	28000.	80	41066	No
160	GOM_TRA_1PNPDE20100106_230027_000000402085_00431_41066_2976.N1	06-JAN-2010 23:00:27	Dark	40.000	20	Bet Cru	1.2530	30000.	80	41066	No
161	GOM_TRA_1PNPDE20100106_230603_000000472085_00431_41066_2977.N1	06-JAN-2010 23:06:03	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	41066	No
162	GOM_TRA_1PNPDE20100106_230807_000000452085_00431_41066_2978.N1	06-JAN-2010 23:08:07	Dark	44.500	71	Iot Car	2.2460	7700.0	89	41066	No
163	GOM_TRA_1PNPDE20100106_231001_000000452085_00431_41066_2979.N1	06-JAN-2010 23:10:01	Dark	45.000	46	Del Vel	1.9540	10600.	90	41066	No
164	GOM_TRA_1PNPDE20100106_231250_000000462085_00431_41066_2980.N1	06-JAN-2010 23:12:50	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	41066	No
165	GOM_TRA_1PNPDE20100106_231500_000000462085_00431_41066_2981.N1	06-JAN-2010 23:15:00	Dark	46.000	70	Zet Pup	2.2460	39000.	92	41066	No
166	GOM_TRA_1PNPDE20100106_231654_000000472085_00431_41066_2982.N1	06-JAN-2010 23:16:54	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	41066	No
167	GOM_TRA_1PNPDE20100106_231935_000000462085_00431_41066_2983.N1	06-JAN-2010 23:19:35	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	41066	No
168	GOM_TRA_1PNPDE20100106_232104_000000412085_00431_41066_2984.N1	06-JAN-2010 23:21:04	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	41066	No
169	GOM_TRA_1PNPDE20100106_232325_000000472085_00431_41066_2985.N1	06-JAN-2010 23:23:25	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	41066	No
170	GOM_TRA_1PNPDE20100106_233044_000000532085_00431_41066_2986.N1	06-JAN-2010 23:30:44	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	41066	No
171	GOM_TRA_1PNPDE20100106_233338_000000472085_00431_41066_2987.N1	06-JAN-2010 23:33:38	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	41066	No
172	GOM_TRA_1PNPDE20100106_233519_000000492085_00431_41066_2988.N1	06-JAN-2010 23:35:19	Bright	48.500	151	13Mu Gem	2.8900	3000.0	97	41066	No
173	GOM_TRA_1PNPDE20100106_233923_000000372085_00431_41066_2989.N1	06-JAN-2010 23:39:23	Bright	37.000	107	37The Aur	2.6490	11000.	74	41066	No
174	GOM_TRA_1PNPDE20100106_234136_000000402085_00431_41066_2990.N1	06-JAN-2010 23:41:36	Bright	39.500	42	34Bet Aur	1.9000	10200.	79	41066	No
175	GOM_TRA_1PNPDE20100106_235814_000000392085_00431_41066_2991.N1	06-JAN-2010 23:58:14	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	41066	No

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



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

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

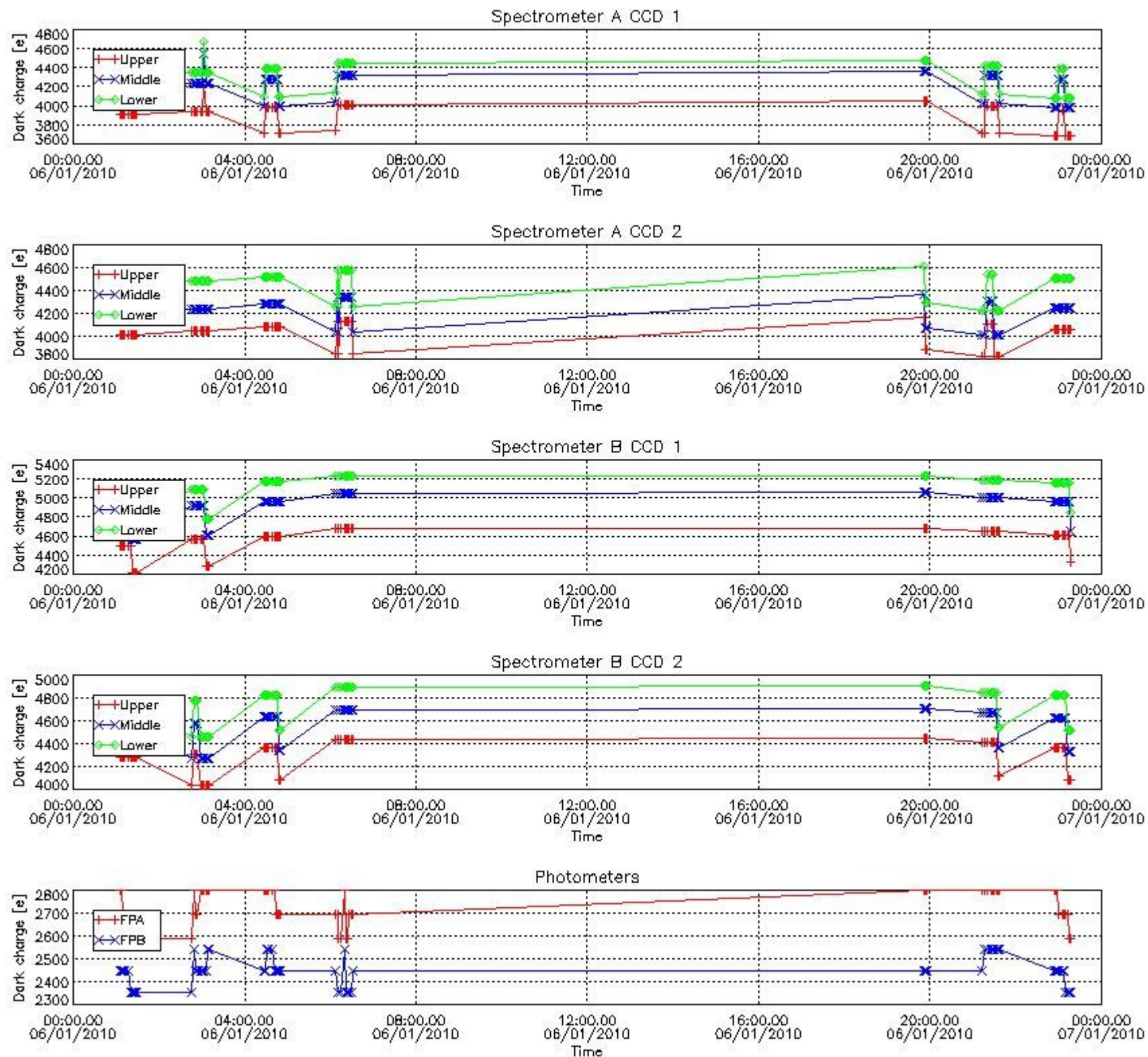
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20100106_195137_000000422085_00429_41064_2942.N1	DC map used
GOM_TRA_1PNPDE20100106_195348_000000452085_00429_41064_2943.N1	DC map used
GOM_TRA_1PNPDE20100106_195542_000000472085_00429_41064_2944.N1	DC map used
GOM_TRA_1PNPDE20100106_195823_000000452085_00429_41064_2945.N1	DC map used
GOM_TRA_1PNPDE20100106_195952_000000412085_00429_41064_2946.N1	DC map used
GOM_TRA_1PNPDE20100106_200213_000000482085_00429_41064_2947.N1	DC map used
GOM_TRA_1PNPDE20100106_200932_000000502085_00429_41064_2948.N1	DC map used
GOM_TRA_1PNPDE20100106_201227_000000492085_00429_41064_2949.N1	DC map used
GOM_TRA_1PNPDE20100106_201407_000000502085_00429_41064_2950.N1	DC map used
GOM_TRA_1PNPDE20100106_201811_000000382085_00429_41064_2951.N1	DC map used
GOM_TRA_1PNPDE20100106_202024_000000402085_00429_41064_2952.N1	DC map used
GOM_TRA_1PNPDE20100106_203702_000000402085_00429_41064_2953.N1	DC map used
GOM_TRA_1PNPDE20100106_204105_000000352085_00429_41064_2954.N1	DC map used
GOM_TRA_1PNPDE20100106_204350_000000472085_00429_41064_2955.N1	DC map used

GOM_TRA_1PNPDE20100106_204816_000000482085_00429_41064_2956.N1	DC map used
GOM_TRA_1PNPDE20100106_205214_000000502085_00429_41064_2957.N1	DC map used

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



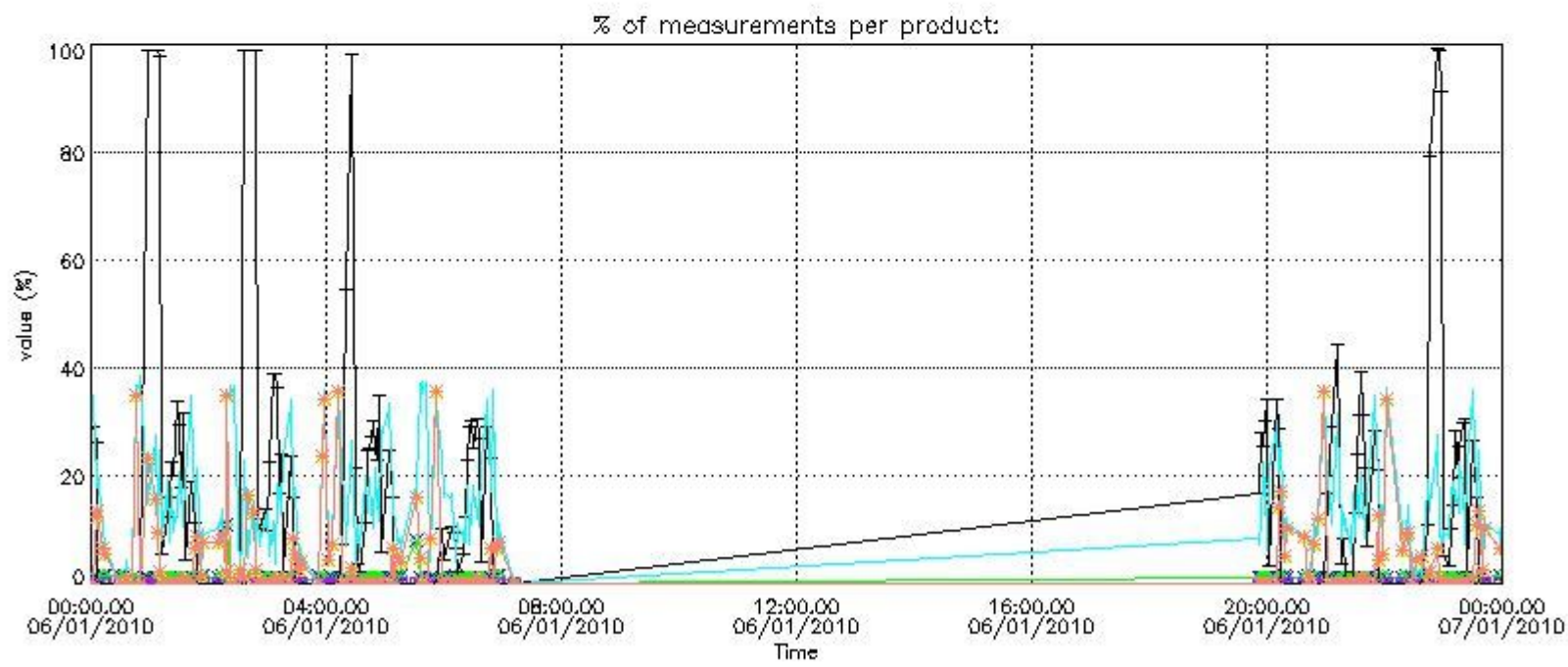
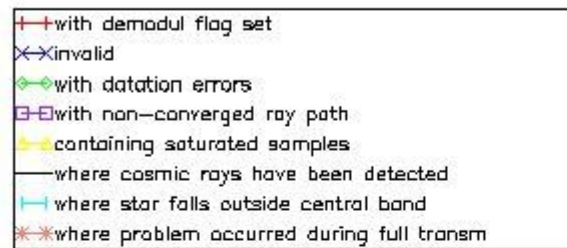
5. Demodulation flag and quality information monitoring

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:

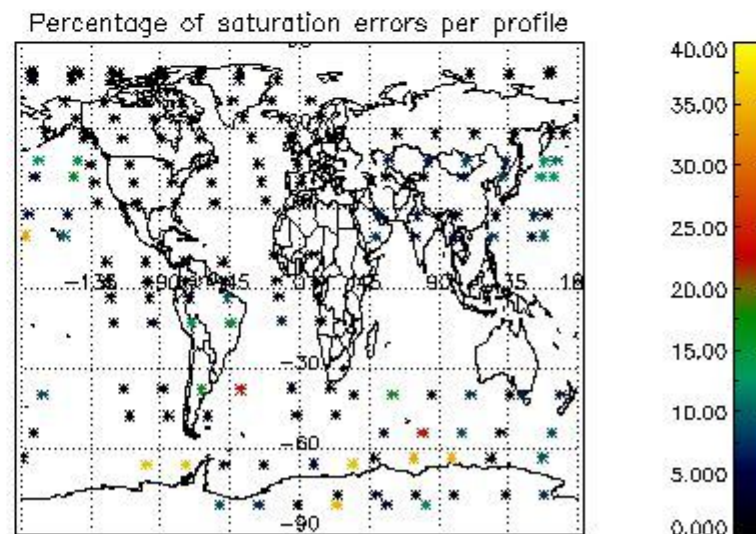
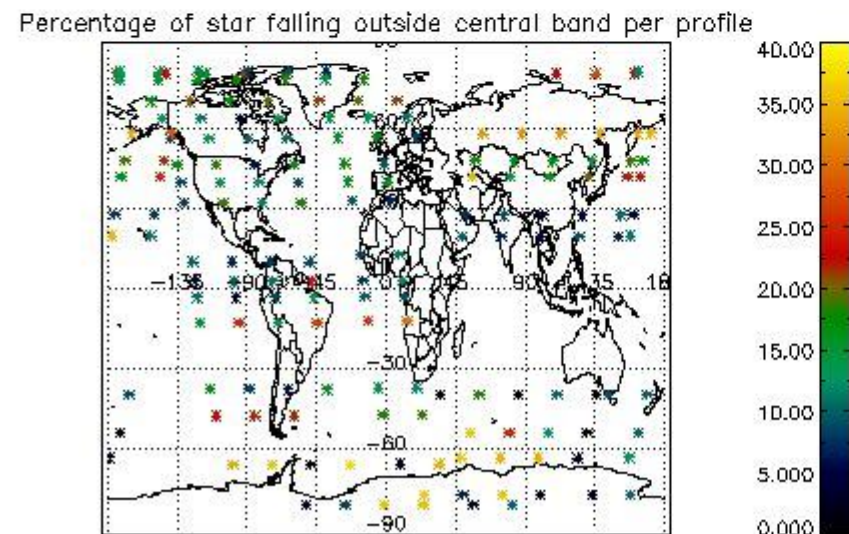
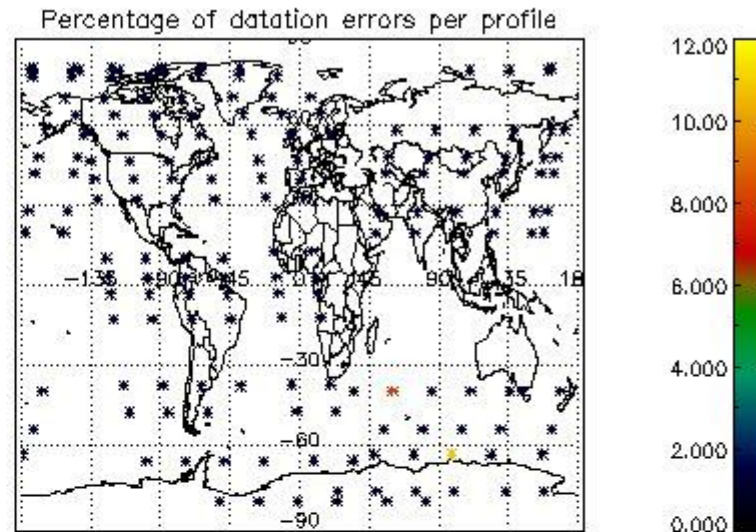
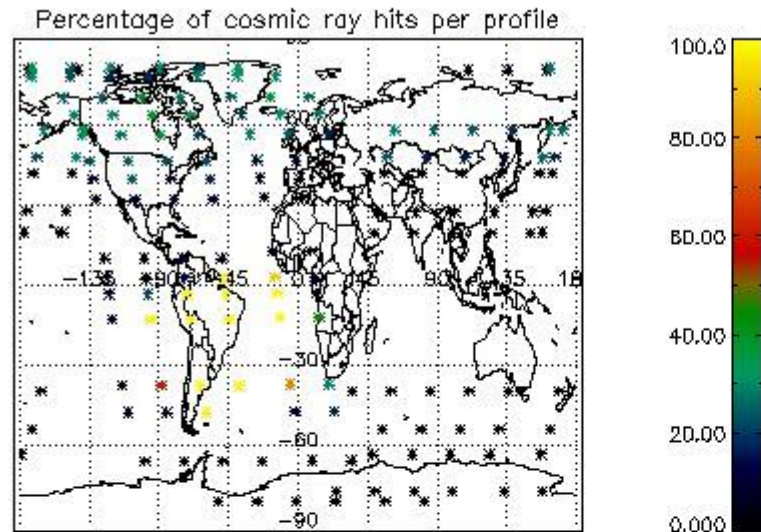
At least one measurement with demodulation flag set:	45.4023 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)





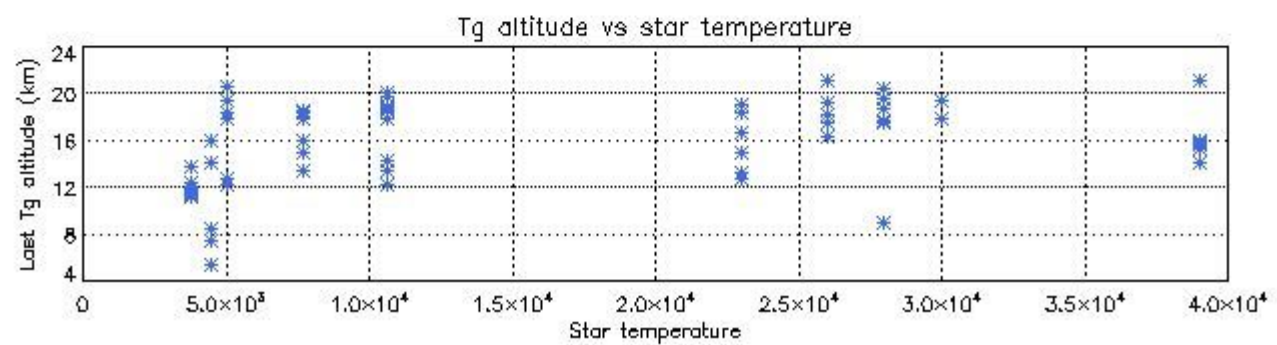
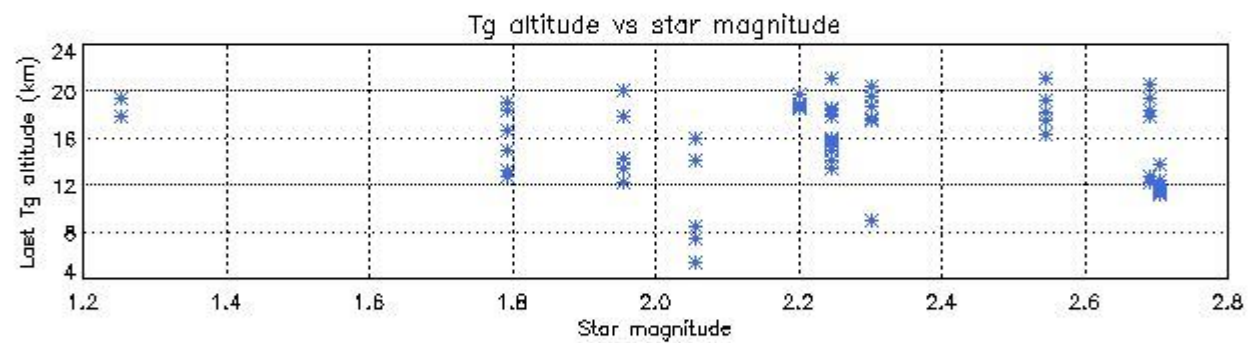
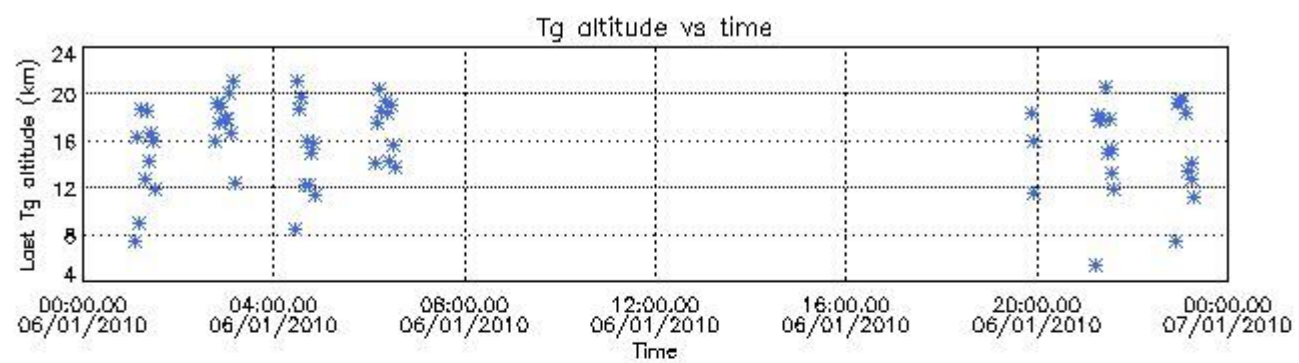
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.671	15.409	NaN
St. deviation:	3.6677	7.4565	NaN
Maximum:	21.126	33.163	NaN
Minimum:	5.4211	3.6147	NaN
Number of data:	63.000	68.000	NaN

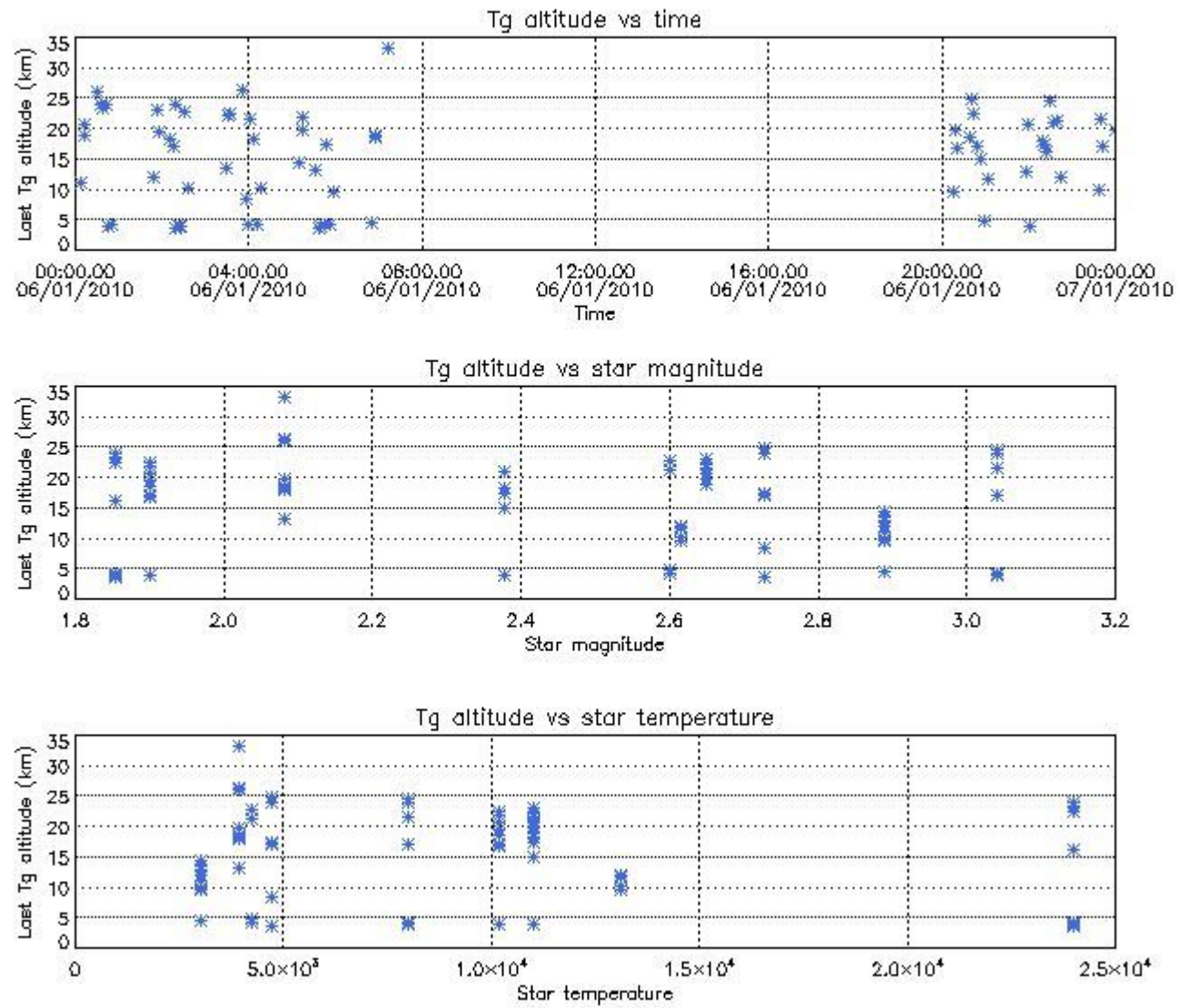
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost

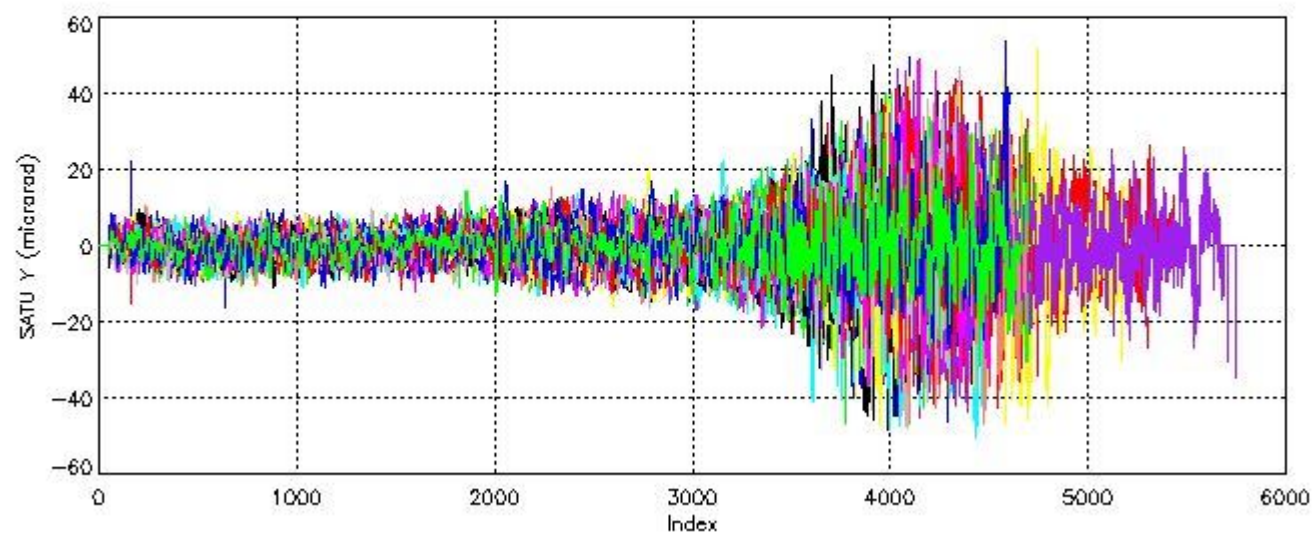
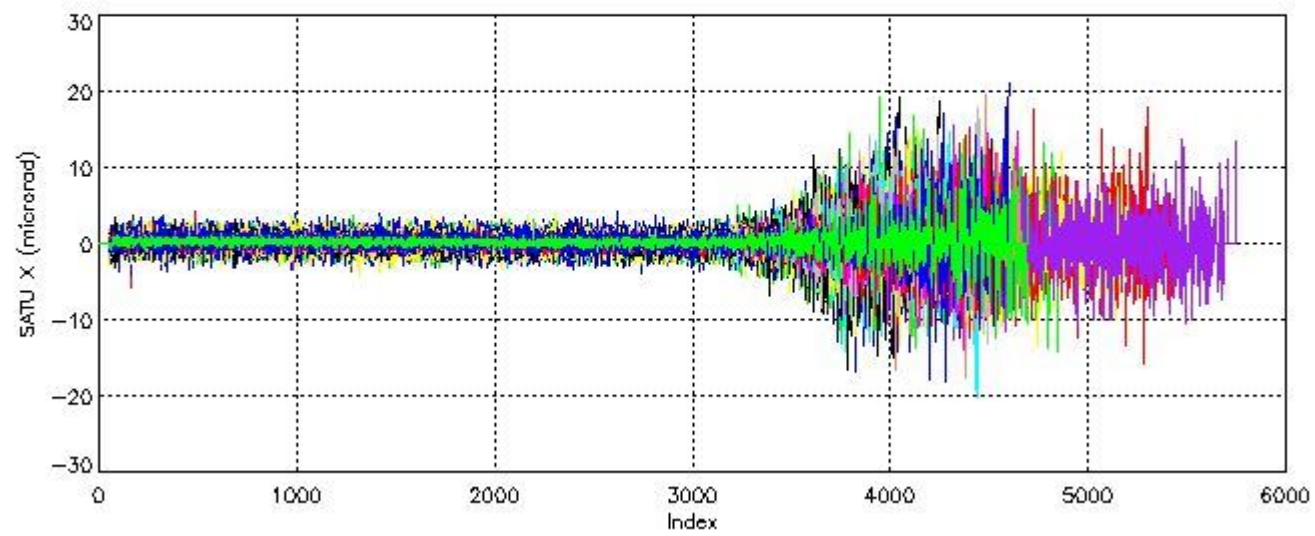


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.20124	-0.34102	0.13949	-0.36332
St. deviation:	0.61030	2.5397	0.72658	2.5435
Maximum:	4.1000	21.900	8.0000	10.800
Minimum:	-5.8000	-16.100	-5.0000	-13.200

Number of data:	61550.	61550.	64250.	64250.
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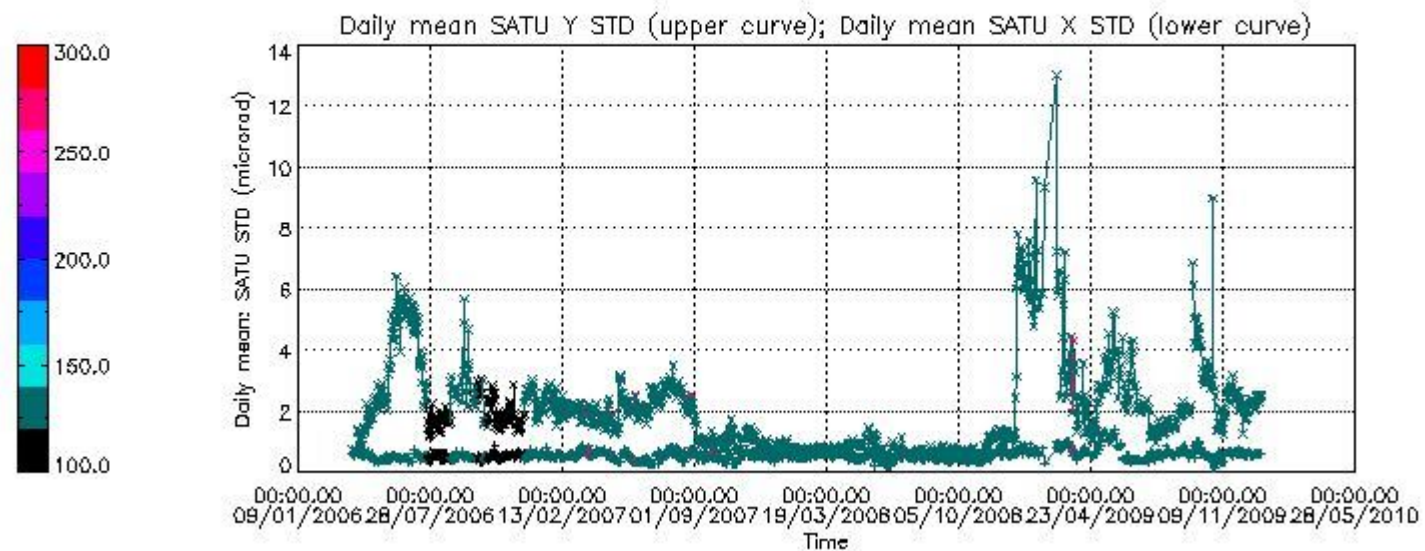
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

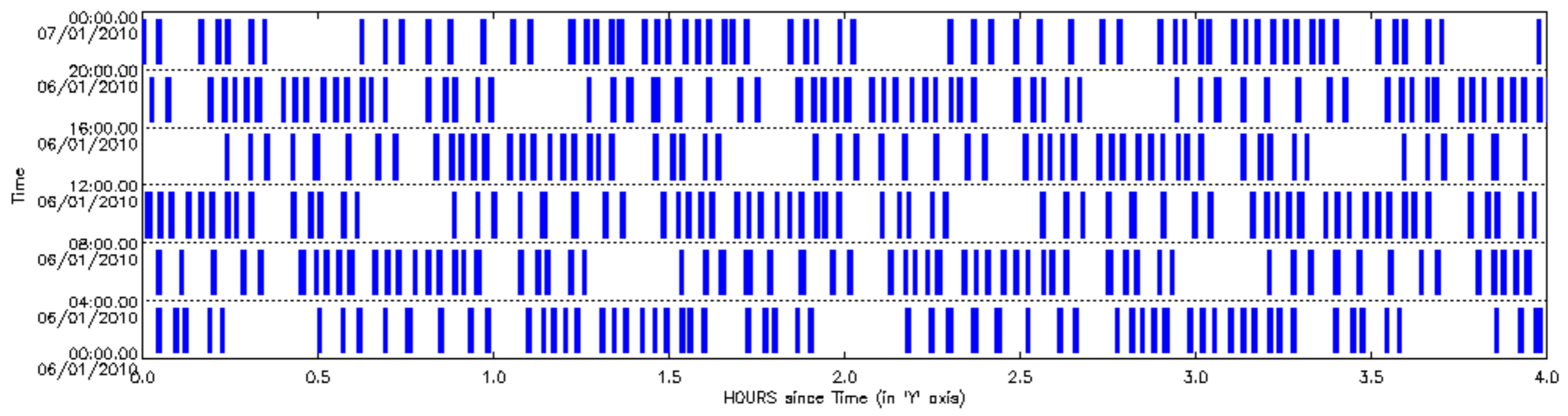
Lower curve: STD of SATU X axis

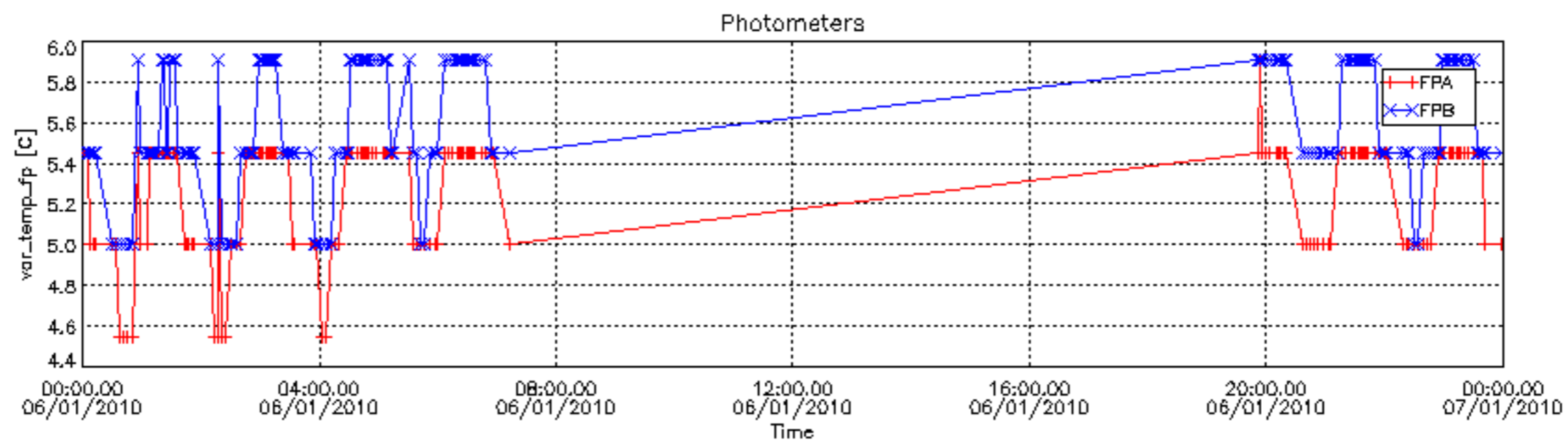
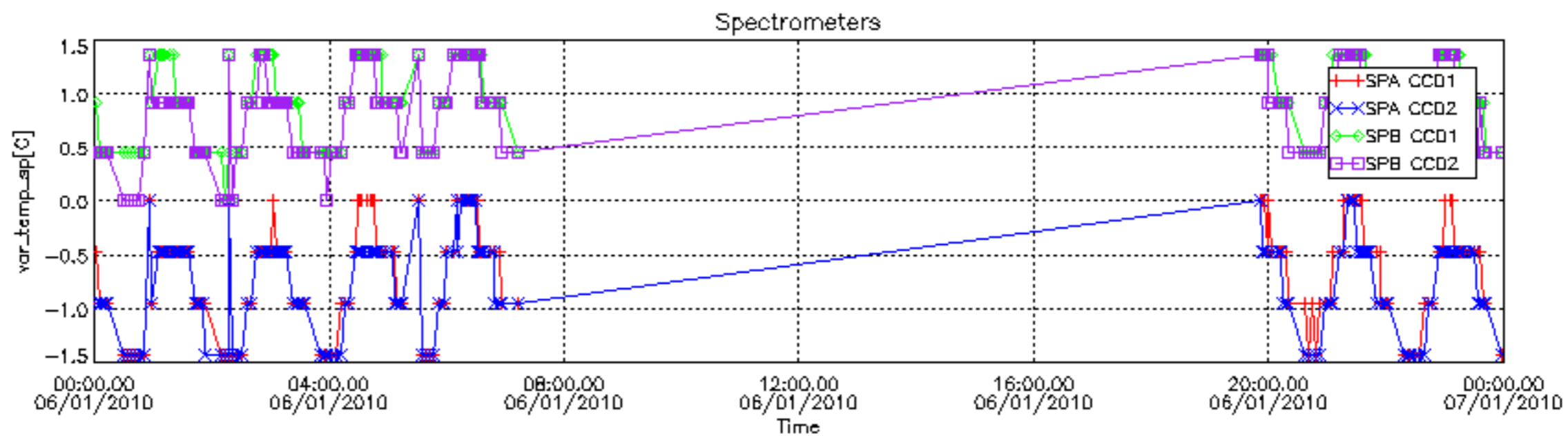


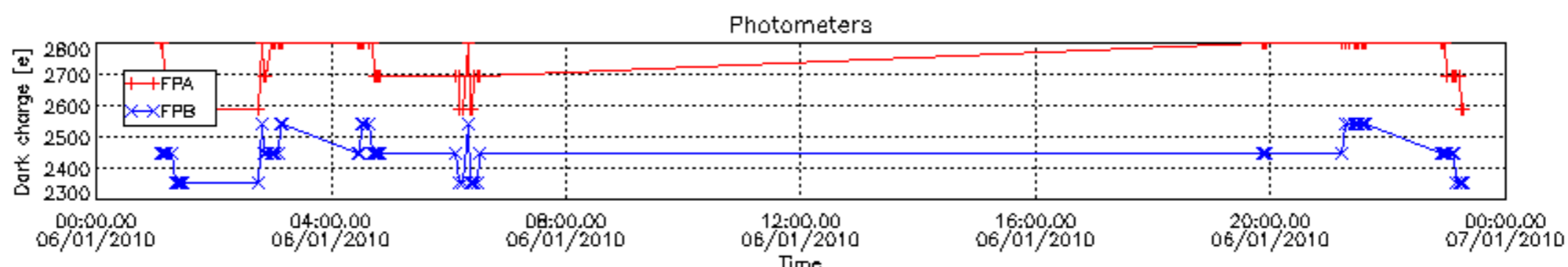
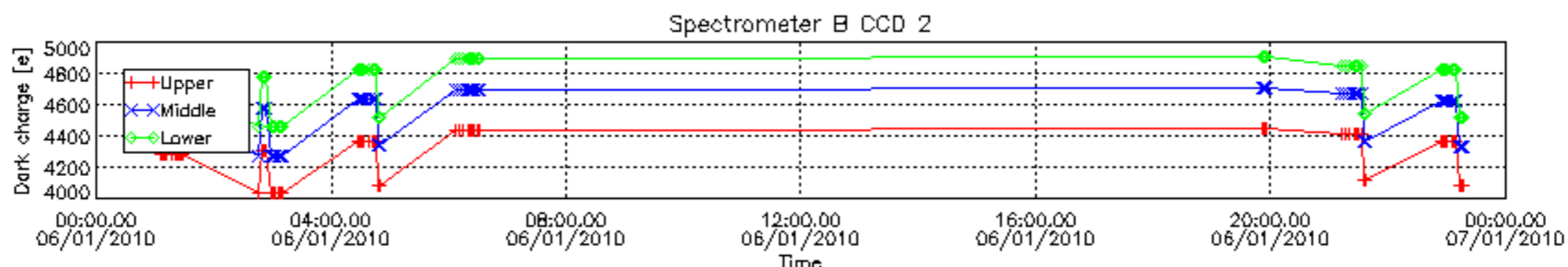
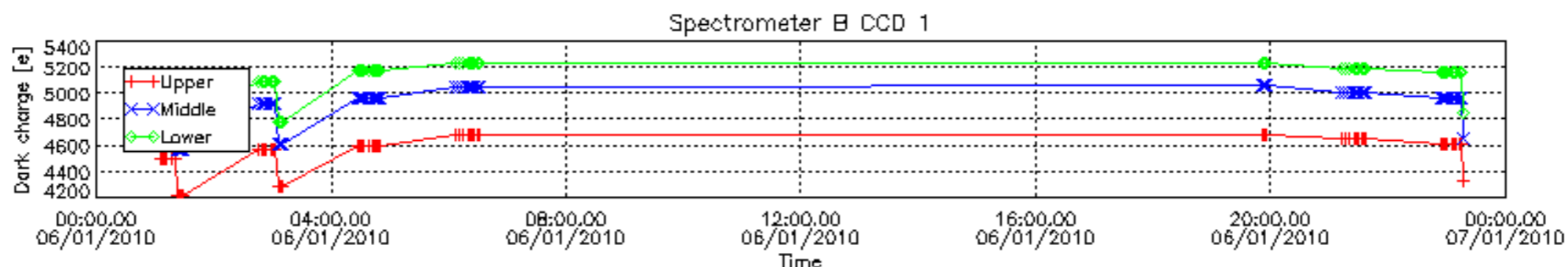
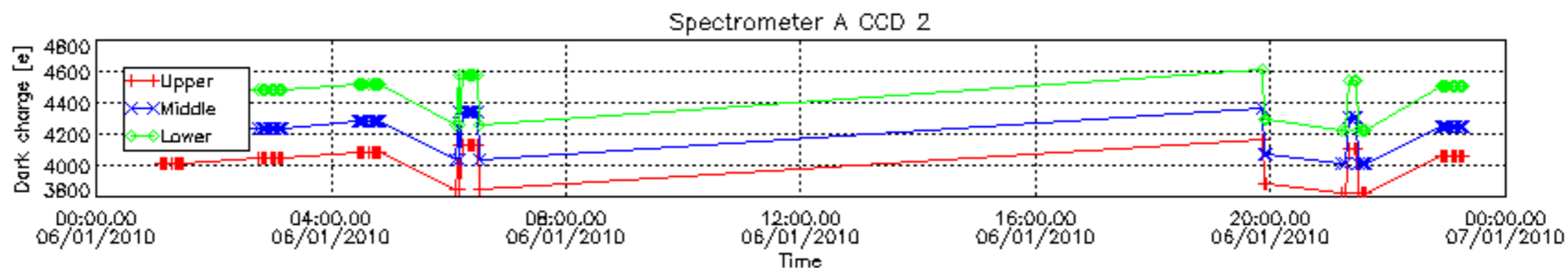
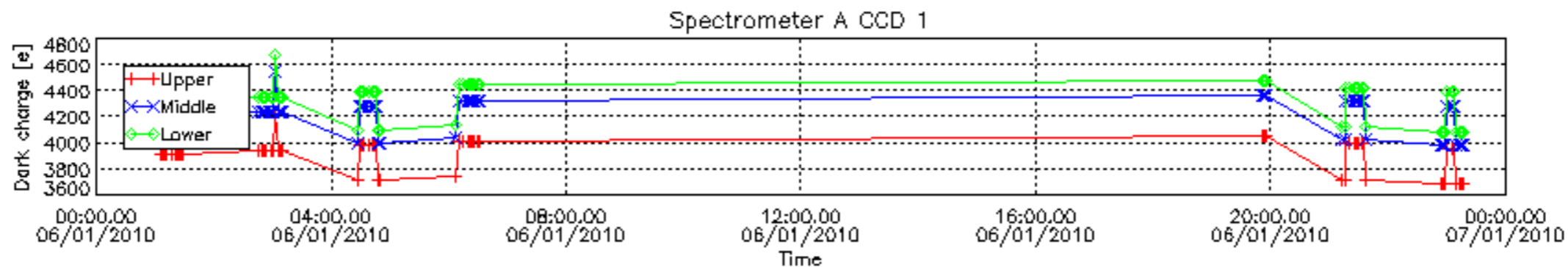
### 8. Auxiliary Data Files used for the production reported in section 2.4

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.

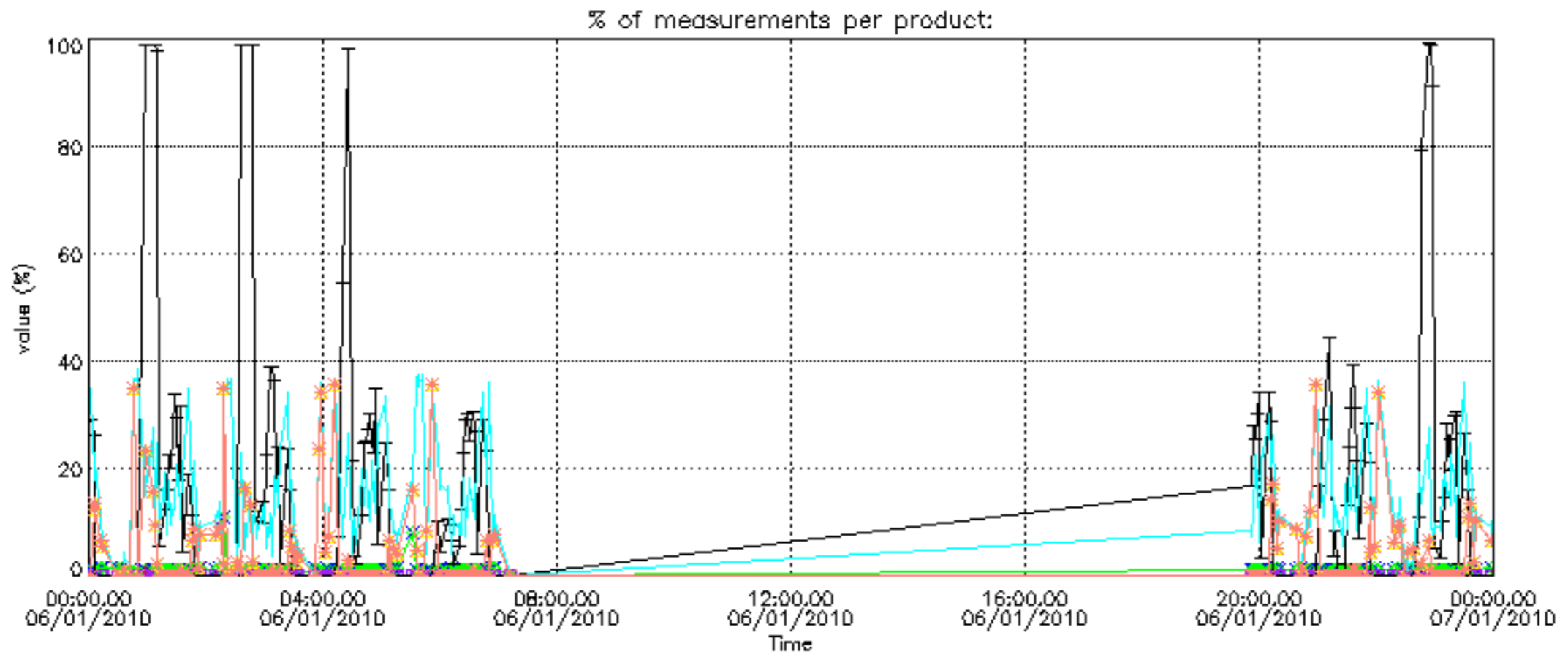
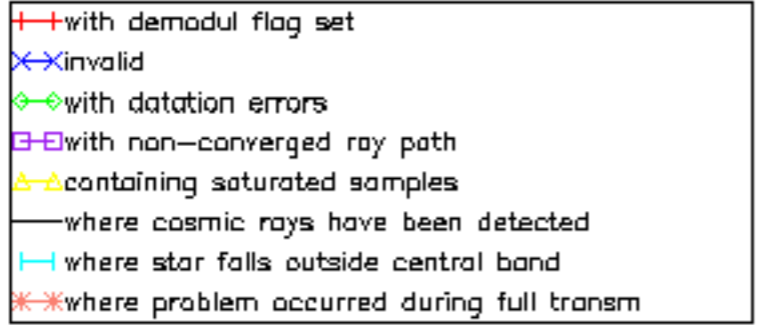
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-JAN-2010 00:02:21
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100105_102808_20100103_000000_20500101_000000	1	06-JAN-2010 00:02:21
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	06-JAN-2010 00:02:21
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	06-JAN-2010 00:02:21
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	06-JAN-2010 00:02:21
ECMWF_FILE	AUX_ECF_AXNECM20100105_062111_20100105_210000_20100106_090000	1	06-JAN-2010 00:02:21
ECMWF_FILE	AUX_ECF_AXNECM20100105_180557_20100106_030000_20100106_150000	59	06-JAN-2010 03:51:04
ECMWF_FILE	AUX_ECA_AXNECM20100106_060111_20100105_210000_20100106_090000	85	06-JAN-2010 05:31:40
ECMWF_FILE	AUX_ECA_AXNECM20100106_180110_20100106_090000_20100106_210000	112	06-JAN-2010 19:51:37
ECMWF_FILE	AUX_ECF_AXNECM20100106_062110_20100106_150000_20100107_030000	128	06-JAN-2010 20:57:39
ECMWF_FILE	AUX_ECF_AXNECM20100106_062111_20100106_210000_20100107_090000	155	06-JAN-2010 22:43:34
OPTIONAL_ECMWF_FILE	MISSING	1	06-JAN-2010 00:02:21
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100105_231319_000057382085_00416_41051_9508.N1	1	06-JAN-2010 00:02:21
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100106_005416_000044632085_00417_41052_9509.N1	12	06-JAN-2010 00:55:40
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100106_021358_000054192085_00418_41053_9510.N1	35	06-JAN-2010 02:17:18
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100106_034936_000057382085_00419_41054_9511.N1	59	06-JAN-2010 03:51:04
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100105_114558_20100104_185819_20100114_202433	85	06-JAN-2010 05:31:40
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100106_194558_000038262085_00429_41064_9513.N1	112	06-JAN-2010 19:51:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100106_205502_000060572085_00429_41064_9514.N1	128	06-JAN-2010 20:57:39
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100106_224118_000057382085_00430_41065_9515.N1	155	06-JAN-2010 22:43:34



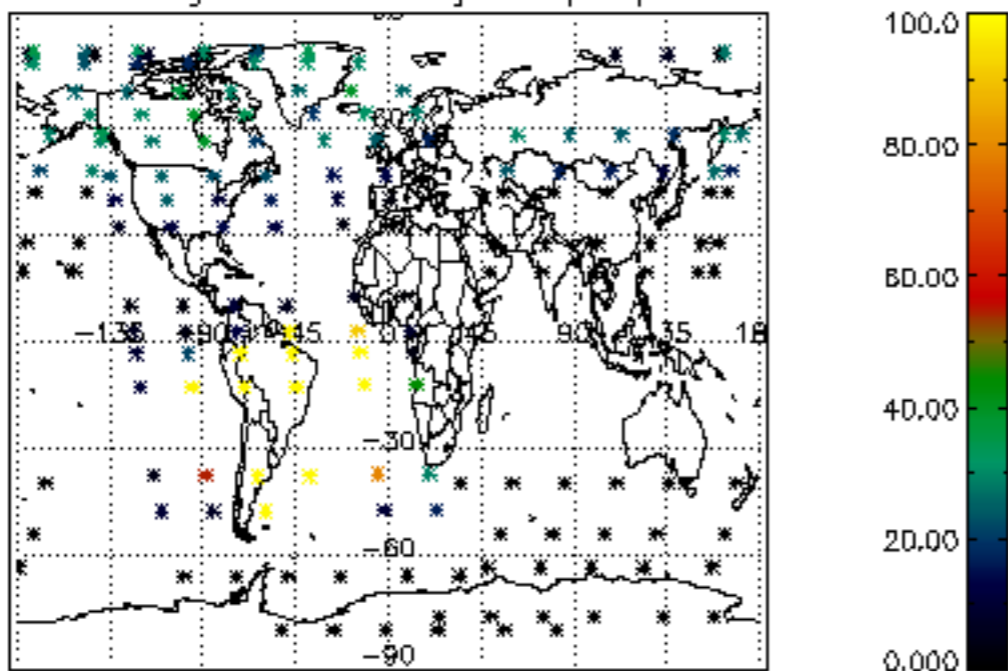




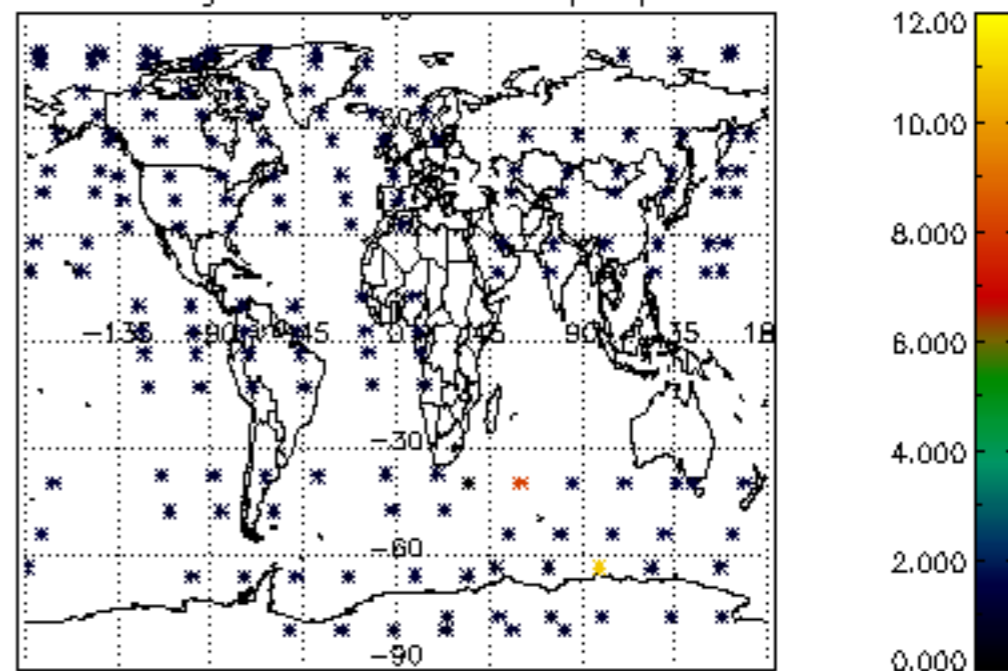




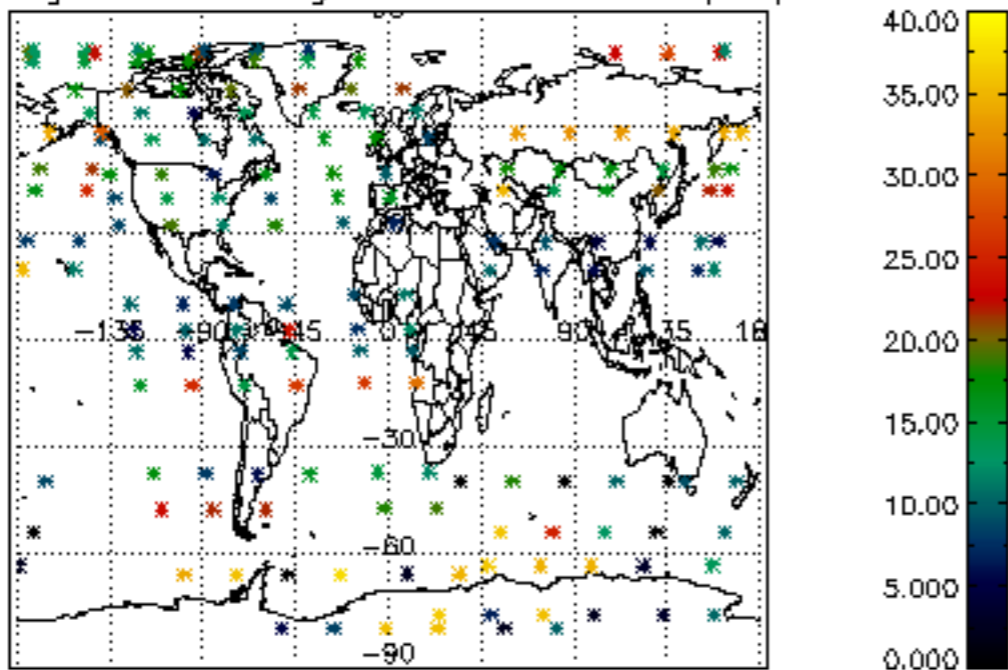
Percentage of cosmic ray hits per profile



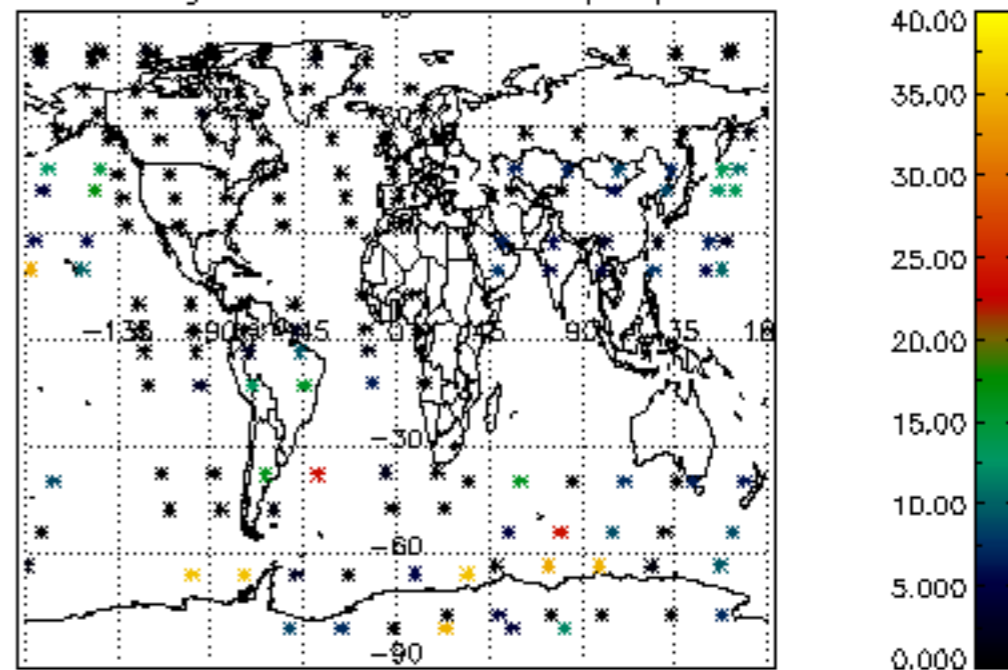
Percentage of datation errors per profile



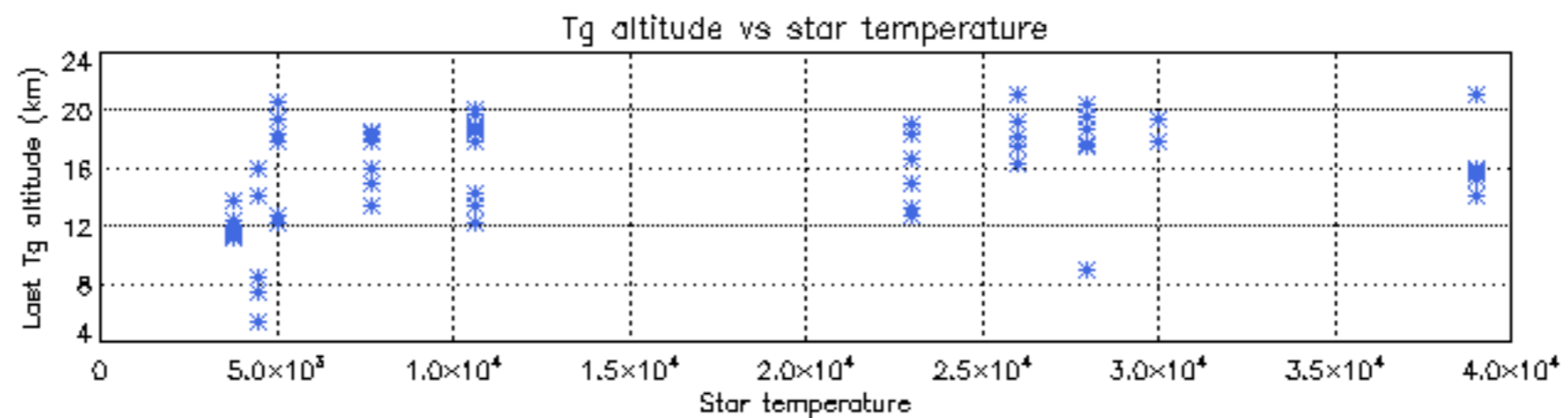
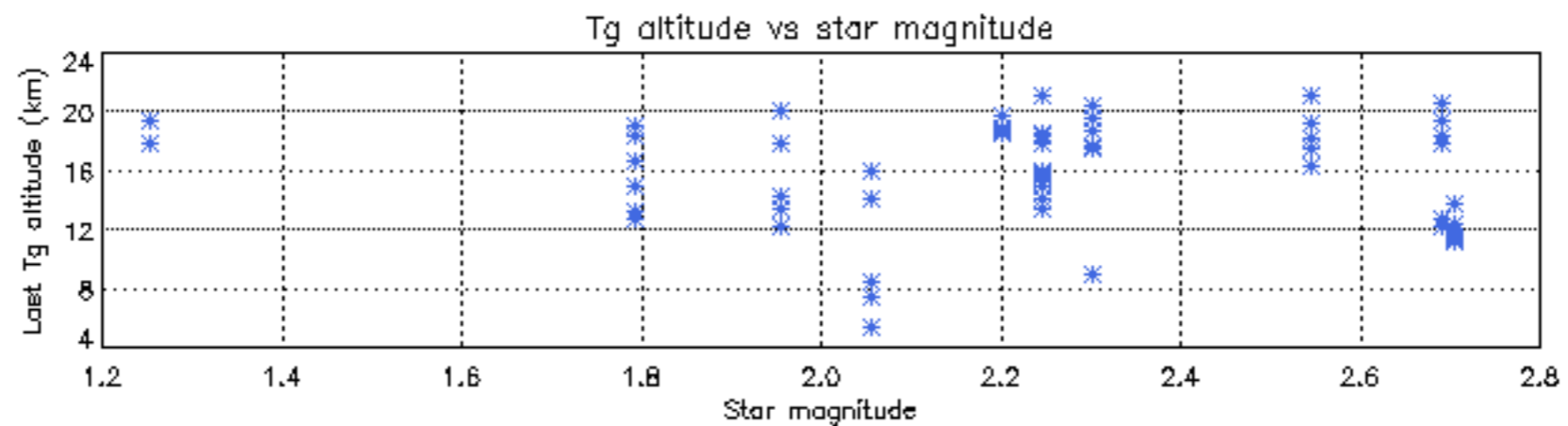
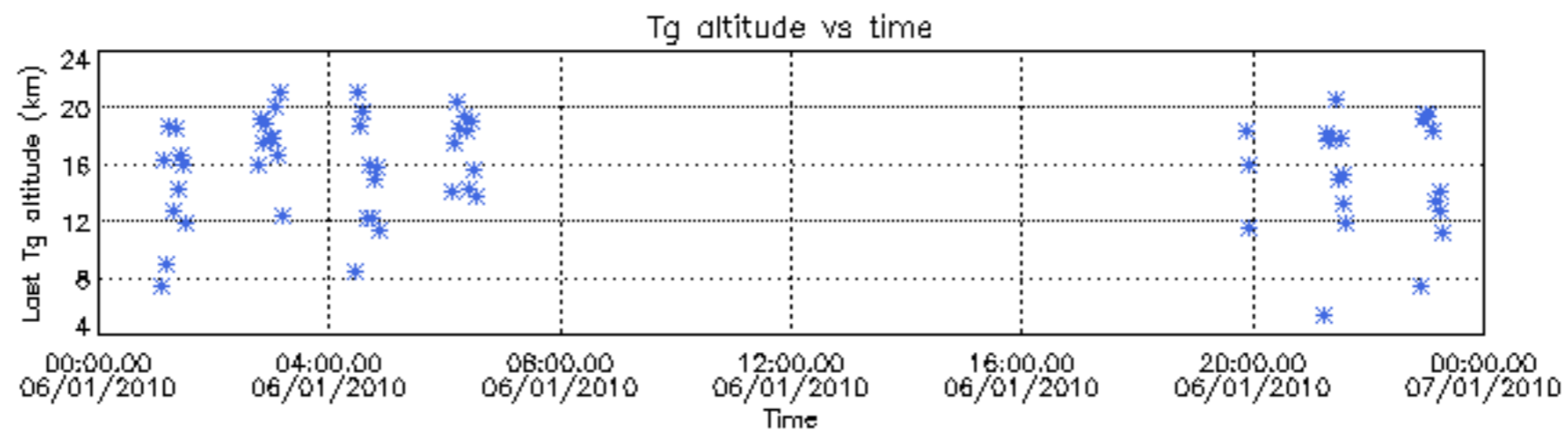
Percentage of star falling outside central band per profile



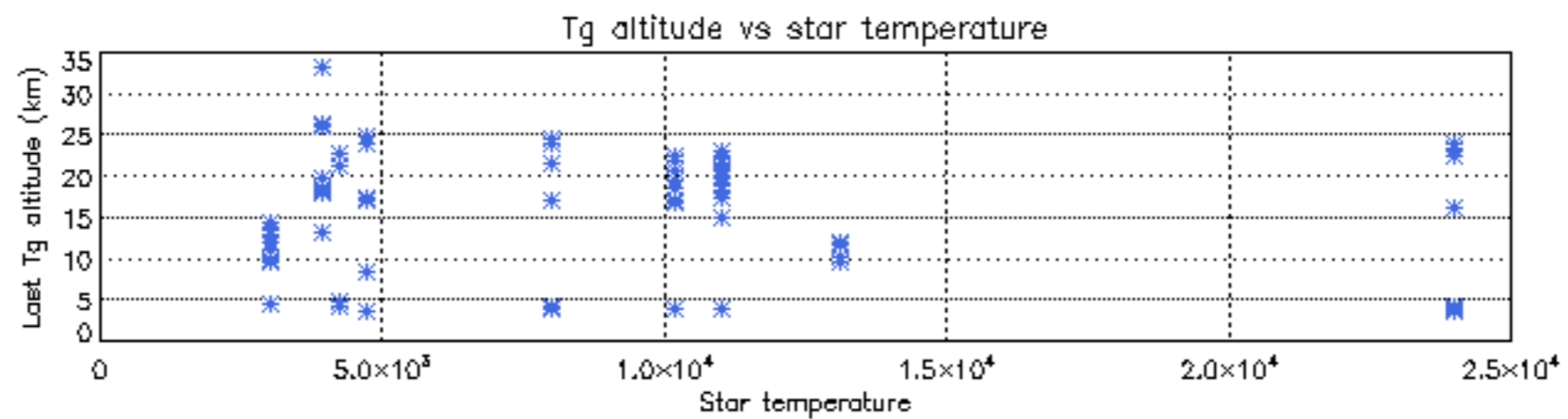
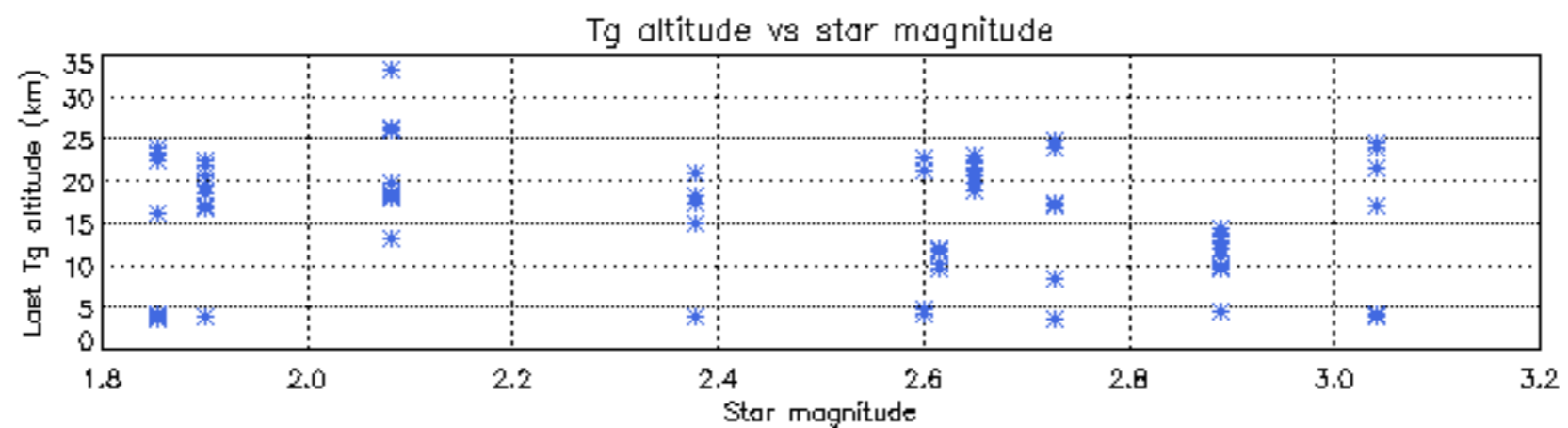
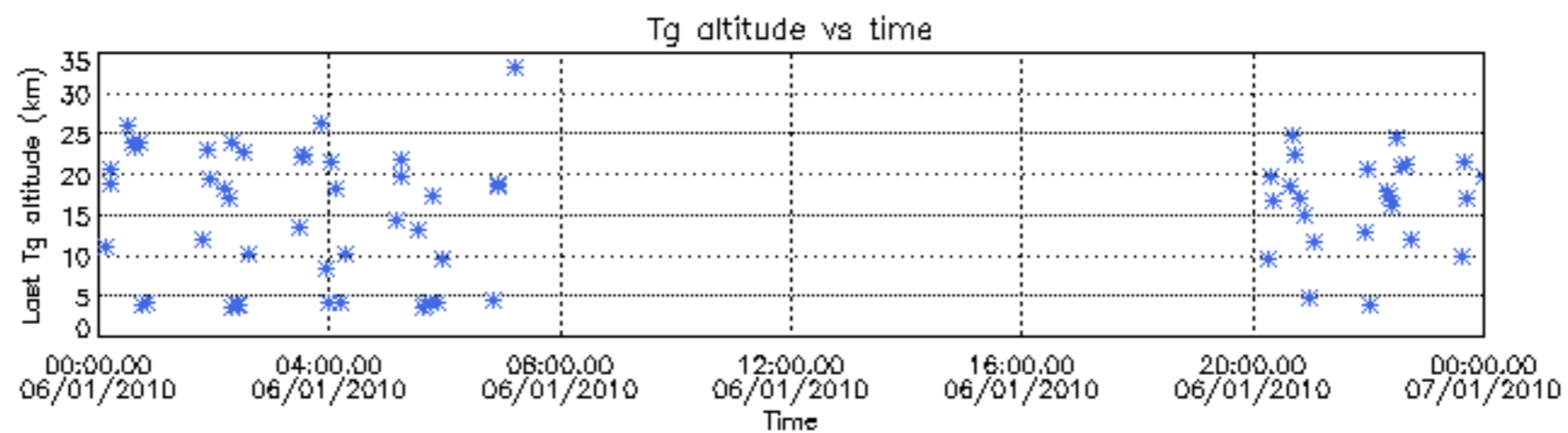
Percentage of saturation errors per profile

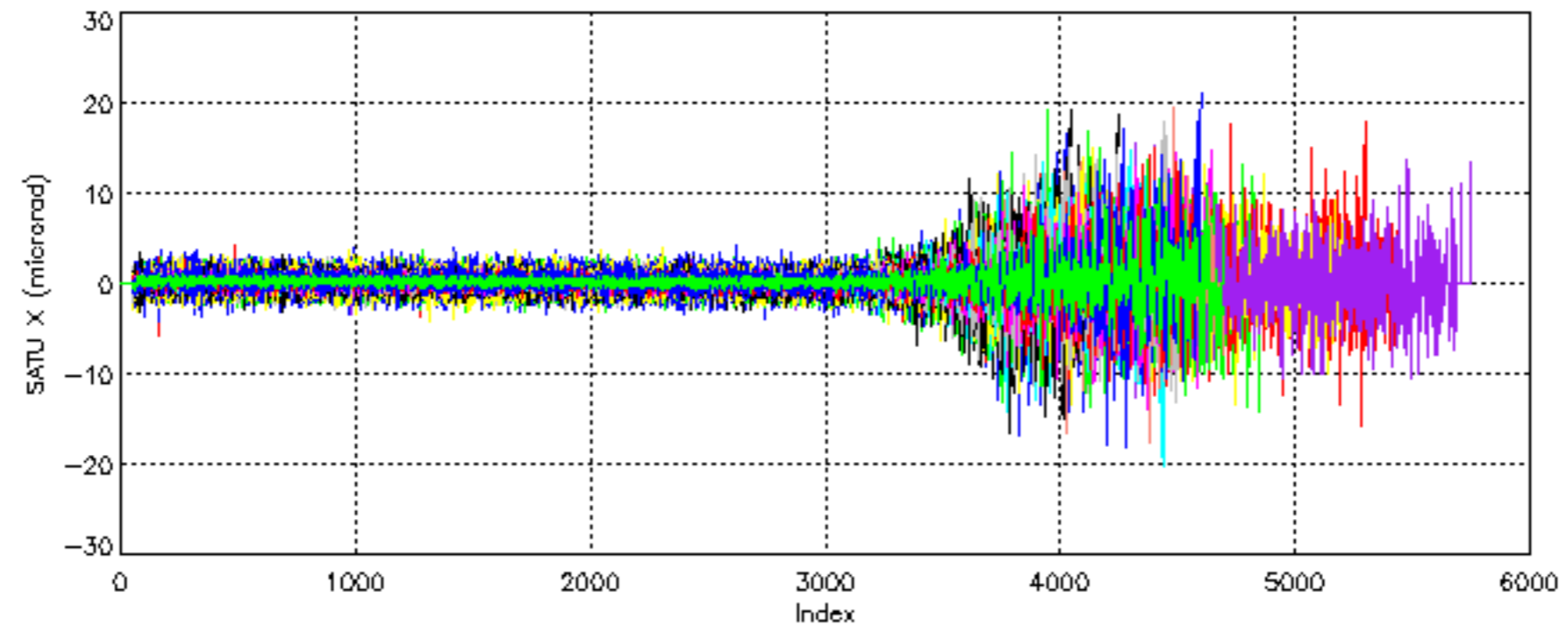


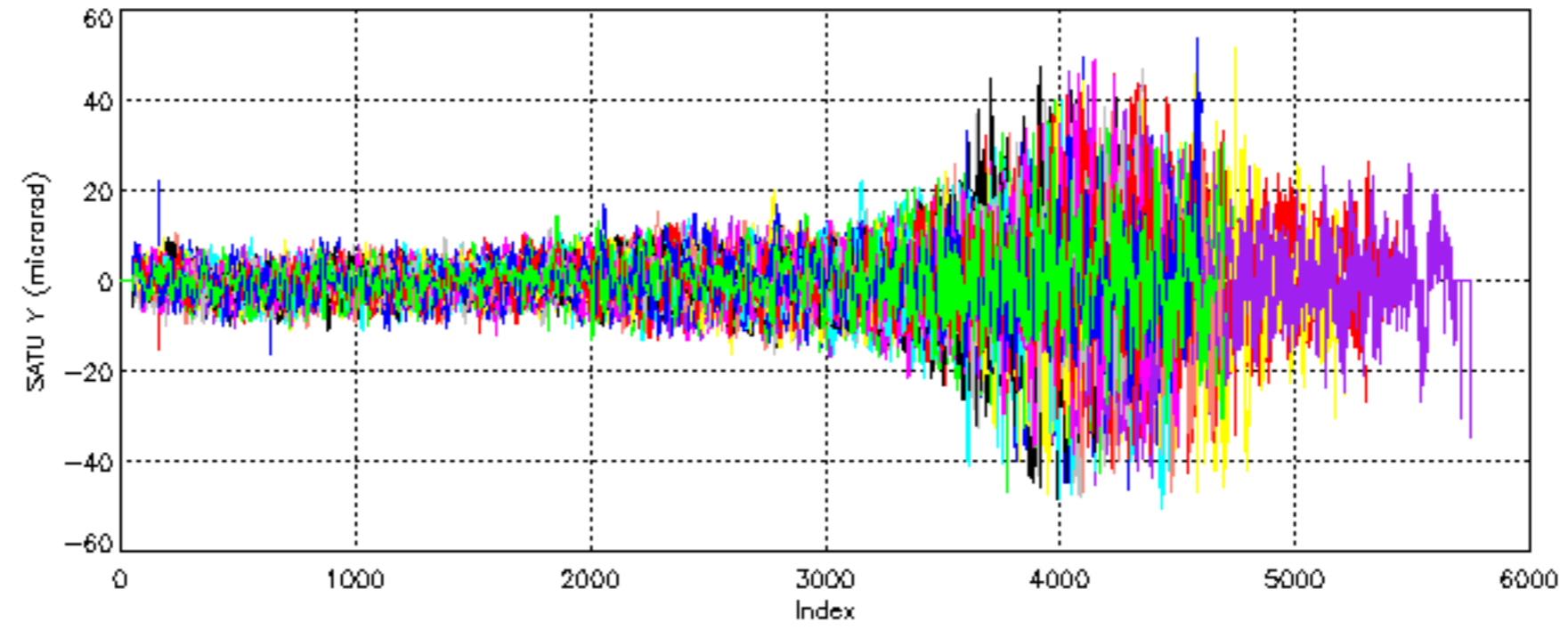
Tangent altitude at which the star is lost

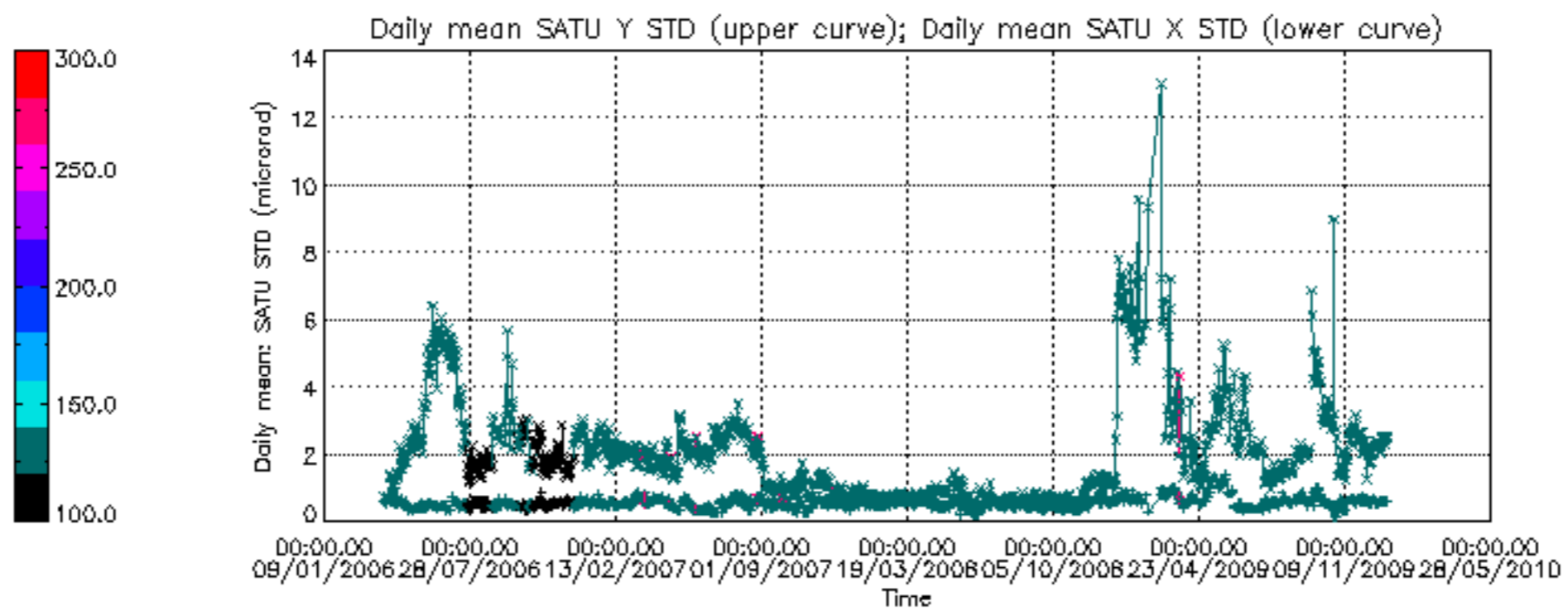


Tangent altitude at which the star is lost









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1; -682.4; 01-JAN-2010 00:14:36; Dark ; 43.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 86; 0;40980  
 2; -269.4; 01-JAN-2010 00:21:29; Dark ; 44.0; 54; 5The Cen ; 2.06; 4500;occ; 88; 0;40980  
 3; -103.6; 01-JAN-2010 00:24:15; Dark ; 40.5; 95; Zet Cen ; 2.55; 26000;occ; 81; 0;40980  
 4; 1.0; 01-JAN-2010 00:26:00; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;40981  
 5; 106.3; 01-JAN-2010 00:27:45; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;40981  
 6; 209.9; 01-JAN-2010 00:29:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40981  
 7; 476.2; 01-JAN-2010 00:33:55; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;40981  
 8; 630.5; 01-JAN-2010 00:36:29; Dark ; 49.0; 71; Iot Car ; 2.25; 7700;occ; 98; 0;40981  
 9; 727.5; 01-JAN-2010 00:38:06; Dark ; 51.5; 41; Eps Car ; 1.86; 4100;occ; 103; 0;40981  
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 15; 1581.4; 01-JAN-2010 00:52:20; Dark ; 45.0; 1; 9Alp CMA ; -1.44; 11000;occ; 90; 0;40981  
 16; 1730.7; 01-JAN-2010 00:54:49; Dark ; 36.0; 56; 53Kap Ori ; 2.07; 30000;occ; 72; 0;40981  
 17; 1881.4; 01-JAN-2010 00:57:20; Dark ; 41.5; 30; 46Eps Ori ; 1.69; 30000;occ; 83; 0;40981  
 18; 2032.7; 01-JAN-2010 00:59:51; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;40981  
 19; 2229.2; 01-JAN-2010 01:03:08; Dark ; 53.0; 44; 24Gam Gem ; 1.93; 11000;occ; 106; 0;40981  
 20; 2327.3; 01-JAN-2010 01:04:46; Bright; 44.0; 151; 13Mu Gem ; 2.89; 3000;occ; 88; 0;40981  
 21; 2566.8; 01-JAN-2010 01:08:45; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;40981  
 22; 2692.3; 01-JAN-2010 01:10:51; Bright; 42.0; 6; 13Alp Aur ; 0.08; 3400;occ; 84; 0;40981  
 23; 3691.0; 01-JAN-2010 01:27:30; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;40981  
 24; 3911.7; 01-JAN-2010 01:31:10; Bright; 50.5; 32; 77Eps UMa ; 1.76; 11000;occ; 101; 0;40981  
 25; 4108.8; 01-JAN-2010 01:34:27; Bright; 66.0; 39; 85Eta UMa ; 1.85; 24000;occ; 132; 0;40981  
 26; 4353.0; 01-JAN-2010 01:38:32; Bright; 40.5; 180; 27Gam Boo ; 3.04; 8000;occ; 81; 0;40981  
 27; 4574.5; 01-JAN-2010 01:42:13; Bright; 62.0; 83; ; 2.38; 11000;occ; 124; 0;40981  
 28; 4770.9; 01-JAN-2010 01:45:29; Bright; 53.5; 3; 16Alp Boo ; -0.05; 4250;occ; 107; 0;40981  
 29; 5194.3; 01-JAN-2010 01:52:33; Bright; 55.5; 104; 27Bet Lib ; 2.61; 13100;occ; 111; 0;40981

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1; -838.1; 01-JAN-2010 01:52:36; Bright; 56.0; 104; 27Bet Lib ; 2.61; 13100;occ; 112; 7;40981  
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 4; -102.9; 01-JAN-2010 02:04:52; Dark ; 39.5; 95; Zet Cen ; 2.55; 26000;occ; 79; 0;40981  
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 6; 107.0; 01-JAN-2010 02:08:22; Dark ; 44.0; 64; Gam Cen ; 2.20; 10600;occ; 88; 0;40982  
 7; 210.8; 01-JAN-2010 02:10:05; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40982  
 8; 477.2; 01-JAN-2010 02:14:32; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;40982  
 9; 631.0; 01-JAN-2010 02:17:05; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40982  
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 11; 916.7; 01-JAN-2010 02:21:51; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;40982  
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 14; 1340.9; 01-JAN-2010 02:28:55; Dark ; 46.5; 23; 21Eps CMA ; 1.50; 26000;occ; 93; 0;40982  
 15; 1433.4; 01-JAN-2010 02:30:28; Dark ; 45.0; 179; 240mi2CMA ; 3.03; 24000;occ; 90; 0;40982  
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 22; 2566.5; 01-JAN-2010 02:49:21; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;40982  
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 24; 3690.9; 01-JAN-2010 03:08:05; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;40982

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1; -2124.7; 01-JAN-2010 03:11:46; Bright; 52.0; 32; 77Eps UMa ; 1.76; 11000;occ; 104; 0;40982  
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4; 1347.7; 02-JAN-2010 20:24:01; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;41007
5; 1439.4; 02-JAN-2010 20:25:32; Dark ; 43.5; 179; 240mi2CMA ; 3.03; 24000;occ; 87; 0;41007
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7; 2031.6; 02-JAN-2010 20:35:25; Dark ; 50.5; 14; 58Alp Ori ; 0.87; 3000;occ; 101; 0;41007
8; 2220.9; 02-JAN-2010 20:38:34; Dark ; 52.0; 44; 24Gam Gem ; 1.93; 11000;occ; 104; 0;41007
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13; 3900.6; 02-JAN-2010 21:06:34; Bright; 50.5; 32; 77Eps UMa ; 1.76; 11000;occ; 101; 0;41007
14; 4103.5; 02-JAN-2010 21:09:56; Bright; 48.5; 39; 85Eta UMa ; 1.85; 24000;occ; 97; 0;41007
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22; 3688.3; 02-JAN-2010 22:43:37; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;41008
23; 3900.4; 02-JAN-2010 22:47:09; Bright; 58.0; 32; 77Eps UMa ; 1.76; 11000;occ; 116; 0;41008
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26; 4580.0; 02-JAN-2010 22:58:29; Bright; 63.0; 83; ; 2.38; 11000;occ; 126; 0;41008
27; 4783.1; 02-JAN-2010 23:01:52; Bright; 57.0; 3; 16Alp Boo ; -0.05; 4250;occ; 114; 0;41008
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9;	930.5;	02-JAN-2010	23:38:15;	Dark	;	46.5;	34;	Gam2Vel	;	1.79;	23000;occ;	93;	0;41009
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11;	1182.5;	02-JAN-2010	23:42:27;	Dark	;	46.0;	117;	Pi Pup	;	2.71;	3800;occ;	92;	0;41009
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13;	1439.7;	02-JAN-2010	23:46:44;	Dark	;	44.5;	179;	240mi2CMA	;	3.03;	24000;occ;	89;	0;41009
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21;	3899.8;	03-JAN-2010	00:27:45;	Bright;	;	49.0;	32;	77Eps UMA	;	1.76;	11000;occ;	98;	0;41009
22;	4103.0;	03-JAN-2010	00:31:08;	Bright;	;	45.5;	39;	85Eta UMA	;	1.85;	24000;occ;	91;	0;41009
23;	4353.7;	03-JAN-2010	00:35:18;	Bright;	;	63.0;	180;	27Gam Boo	;	3.04;	8000;occ;	126;	0;41009
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26;	4899.3;	03-JAN-2010	00:44:24;	Bright;	;	54.0;	102;	24Alp Ser	;	2.60;	4250;occ;	108;	0;41009
27;	5207.8;	03-JAN-2010	00:49:33;	Bright;	;	36.0;	104;	27Bet Lib	;	2.61;	13100;occ;	72;	0;41009
28;	5371.0;	03-JAN-2010	00:52:16;	Dark	;	43.5;	122;	9Alp2Lib	;	2.75;	9700;occ;	87;	0;41009
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2;	-2131.5;	02-JAN-2010	06:01:14;	Bright;	;	44.0;	32;	77Eps UMA	;	1.76;	11000;occ;	88;	0;40998
3;	-1930.8;	02-JAN-2010	06:04:35;	Bright;	;	67.0;	39;	85Eta UMA	;	1.85;	24000;occ;	134;	0;40998
4;	-1682.5;	02-JAN-2010	06:08:43;	Bright;	;	63.0;	180;	27Gam Boo	;	3.04;	8000;occ;	126;	0;40998
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7;	-1139.7;	02-JAN-2010	06:17:46;	Bright;	;	49.0;	102;	24Alp Ser	;	2.60;	4250;occ;	98;	0;40998
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11;	-92.2;	02-JAN-2010	06:35:13;	Dark	;	40.0;	95;	Zet Cen	;	2.55;	26000;occ;	80;	0;40998
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4;	2223.4;	02-JAN-2010	07:13:49;	Dark	;	45.5;	44;	24Gam Gem	;	1.93;	11000;occ;	91;	0;40999
5;	2322.2;	02-JAN-2010	07:15:28;	Bright;	;	47.5;	151;	13Mu Gem	;	2.89;	3000;occ;	95;	0;40999
6;	2562.7;	02-JAN-2010	07:19:28;	Bright;	;	38.5;	107;	37The Aur	;	2.65;	11000;occ;	77;	0;40999
7;	2691.3;	02-JAN-2010	07:21:37;	Bright;	;	42.0;	6;	13Alp Aur	;	0.08;	3400;occ;	84;	0;40999
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10;	4105.2;	02-JAN-2010	07:45:11;	Bright;	;	44.0;	39;	85Eta UMA	;	1.85;	24000;occ;	88;	0;40999
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13;	4779.1;	02-JAN-2010	07:56:25;	Bright;	;	55.0;	3;	16Alp Boo	;	-0.05;	4250;occ;	110;	0;40999
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 13; 517.9; 04-JAN-2010 07:22:45; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;41028  
 14; 655.5; 04-JAN-2010 07:25:03; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;41028  
 15; 769.9; 04-JAN-2010 07:26:57; Dark ; 40.5; 46; Del Vel ; 1.95; 10600;occ; 81; 0;41028  
 16; 939.9; 04-JAN-2010 07:29:47; Dark ; 41.5; 34; Gam2Vel ; 1.79; 23000;occ; 83; 0;41028  
 17; 1071.1; 04-JAN-2010 07:31:58; Dark ; 45.0; 70; Zet Pup ; 2.25; 39000;occ; 90; 0;41028  
 18; 1189.1; 04-JAN-2010 07:33:56; Dark ; 45.0; 117; Pi Pup ; 2.71; 3800;occ; 90; 0;41028  
 19; 1353.2; 04-JAN-2010 07:36:41; Dark ; 45.0; 23; 21Eps CMa ; 1.50; 26000;occ; 90; 0;41028  
 20; 1443.7; 04-JAN-2010 07:38:11; Dark ; 45.0; 179; 24Omi2CMA ; 3.03; 24000;occ; 90; 0;41028  
 21; 1587.4; 04-JAN-2010 07:40:35; Dark ; 48.0; 1; 9Alp CMa ; -1.44; 11000;occ; 96; 0;41028

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1; 1634.9; 04-JAN-2010 07:41:22; Dark ; 48.5; 1; 9Alp CMa ; -1.44; 11000;occ; 97; 95;41028  
 2; 2031.1; 04-JAN-2010 07:47:58; Dark ; 49.5; 14; 58Alp Ori ; 0.87; 3000;occ; 99; 0;41028  
 3; 2215.0; 04-JAN-2010 07:51:02; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;41028  
 4; 2314.4; 04-JAN-2010 07:52:42; Bright; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;41028  
 5; 2556.5; 04-JAN-2010 07:56:44; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;41028  
 6; 2690.1; 04-JAN-2010 07:58:57; Bright; 39.0; 42; 34Bet Aur ; 1.90; 10200;occ; 78; 0;41028  
 7; 3686.0; 04-JAN-2010 08:15:33; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;41028  
 8; 3955.7; 04-JAN-2010 08:20:03; Bright; 44.5; 55; 79Zet UMa ; 2.06; 10200;occ; 89; 0;41028  
 9; 4098.5; 04-JAN-2010 08:22:26; Bright; 68.0; 39; 85Eta UMa ; 1.85; 24000;occ; 136; 0;41028  
 10; 4354.6; 04-JAN-2010 08:26:42; Bright; 44.0; 180; 27Gam Boo ; 3.04; 8000;occ; 88; 0;41028  
 11; 4584.5; 04-JAN-2010 08:30:32; Bright; 45.5; 83; ; 2.38; 11000;occ; 91; 0;41028  
 12; 4905.6; 04-JAN-2010 08:35:53; Bright; 36.0; 102; 24Alp Ser ; 2.60; 4250;occ; 72; 0;41028  
 13; 5217.3; 04-JAN-2010 08:41:05; Bright; 57.0; 104; 27Bet Lib ; 2.61; 13100;occ; 114; 0;41028  
 14; 5383.7; 04-JAN-2010 08:43:51; Dark ; 46.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 93; 0;41028  
 15; 5802.8; 04-JAN-2010 08:50:50; Dark ; 48.0; 54; 5The Cen ; 2.06; 4500;occ; 96; 0;41028  
 16; 5963.0; 04-JAN-2010 08:53:30; Dark ; 41.0; 95; Zet Cen ; 2.55; 26000;occ; 82; 0;41028  
 17; 6065.2; 04-JAN-2010 08:55:13; Dark ; 39.5; 77; Eps Cen ; 2.30; 28000;occ; 79; 0;41028  
 18; 6182.1; 04-JAN-2010 08:57:10; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;41028  
 19; 6290.5; 04-JAN-2010 08:58:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41028  
 20; 6554.6; 04-JAN-2010 09:03:22; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;41028  
 21; 6691.8; 04-JAN-2010 09:05:39; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;41028  
 22; 6806.2; 04-JAN-2010 09:07:34; Dark ; 40.5; 46; Del Vel ; 1.95; 10600;occ; 81; 0;41028  
 23; 6975.9; 04-JAN-2010 09:10:23; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;41028  
 24; 7107.2; 04-JAN-2010 09:12:35; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;41028  
 25; 7225.4; 04-JAN-2010 09:14:33; Dark ; 46.0; 117; Pi Pup ; 2.71; 3800;occ; 92; 0;41028  
 26; 7389.3; 04-JAN-2010 09:17:17; Dark ; 46.0; 23; 21Eps CMa ; 1.50; 26000;occ; 92; 0;41028  
 27; 7479.7; 04-JAN-2010 09:18:47; Dark ; 43.5; 179; 24Omi2CMA ; 3.03; 24000;occ; 87; 0;41028  
 28; 7623.2; 04-JAN-2010 09:21:11; Dark ; 49.5; 1; 9Alp CMa ; -1.44; 11000;occ; 99; 0;41028

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 2; 2031.1; 04-JAN-2010 09:28:34; Dark ; 50.0; 14; 58Alp Ori ; 0.87; 3000;occ; 100; 0;41029  
 3; 2214.7; 04-JAN-2010 09:31:38; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;41029  
 4; 2314.1; 04-JAN-2010 09:33:17; Bright; 58.0; 151; 13Mu Gem ; 2.89; 3000;occ; 116; 0;41029

5; 2556.5; 04-JAN-2010 09:37:20; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;41029  
6; 2689.8; 04-JAN-2010 09:39:33; Bright; 38.0; 42; 34Bet Aur ; 1.90; 10200;occ; 76; 0;41029  
7; 3686.2; 04-JAN-2010 09:56:09; Bright; 43.0; 60; 7Bet UMi ; 2.08; 3950;occ; 86; 0;41029  
8; 3955.0; 04-JAN-2010 10:00:38; Bright; 49.5; 55; 79Zet UMa ; 2.06; 10200;occ; 99; 0;41029  
9; 4098.3; 04-JAN-2010 10:03:02; Bright; 48.0; 39; 85Eta UMa ; 1.85; 24000;occ; 96; 0;41029  
10; 4354.4; 04-JAN-2010 10:07:18; Bright; 44.5; 180; 27Gam Boo ; 3.04; 8000;occ; 89; 0;41029  
11; 4585.1; 04-JAN-2010 10:11:08; Bright; 43.5; 83; ; 2.38; 11000;occ; 87; 0;41029  
12; 4905.7; 04-JAN-2010 10:16:29; Bright; 55.0; 102; 24Alp Ser ; 2.60; 4250;occ; 110; 0;41029  
13; 5218.0; 04-JAN-2010 10:21:41; Bright; 51.0; 104; 27Bet Lib ; 2.61; 13100;occ; 102; 0;41029  
14; 5384.3; 04-JAN-2010 10:24:28; Dark ; 46.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 92; 0;41029  
15; 5803.6; 04-JAN-2010 10:31:27; Dark ; 53.0; 54; 5The Cen ; 2.06; 4500;occ; 106; 0;41029  
16; 5963.6; 04-JAN-2010 10:34:07; Dark ; 45.5; 95; Zet Cen ; 2.55; 26000;occ; 91; 0;41029  
17; 6065.8; 04-JAN-2010 10:35:49; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;41029  
18; 6182.9; 04-JAN-2010 10:37:46; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;41029  
19; 6291.4; 04-JAN-2010 10:39:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41029  
20; 6555.2; 04-JAN-2010 10:43:59; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;41029  
21; 6692.4; 04-JAN-2010 10:46:16; Dark ; 47.5; 71; Iot Car ; 2.25; 7700;occ; 95; 0;41029  
22; 6806.9; 04-JAN-2010 10:48:10; Dark ; 41.5; 46; Del Vel ; 1.95; 10600;occ; 83; 0;41029  
23; 6976.7; 04-JAN-2010 10:51:00; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;41029  
24; 7107.7; 04-JAN-2010 10:53:11; Dark ; 47.5; 70; Zet Pup ; 2.25; 39000;occ; 95; 0;41029  
25; 7225.8; 04-JAN-2010 10:55:09; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;41029  
26; 7389.4; 04-JAN-2010 10:57:53; Dark ; 44.5; 23; 21Eps CMa ; 1.50; 26000;occ; 89; 0;41029  
27; 7480.0; 04-JAN-2010 10:59:23; Dark ; 43.5; 179; 240mi2CMa ; 3.03; 24000;occ; 87; 0;41029  
28; 7623.3; 04-JAN-2010 11:01:47; Dark ; 17.0; 1; 9Alp CMa ; -1.44; 11000;occ; 34; 0;41029

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1; 1587.4; 04-JAN-2010 11:01:47; Dark ; 48.5; 1; 9Alp CMa ; -1.44; 11000;occ; 97; 0;41030  
2; 2031.1; 04-JAN-2010 11:09:10; Dark ; 49.5; 14; 58Alp Ori ; 0.87; 3000;occ; 99; 0;41030  
3; 2214.6; 04-JAN-2010 11:12:14; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;41030  
4; 2313.9; 04-JAN-2010 11:13:53; Bright; 45.5; 151; 13Mu Gem ; 2.89; 3000;occ; 91; 0;41030  
5; 2556.2; 04-JAN-2010 11:17:55; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;41030  
6; 2689.8; 04-JAN-2010 11:20:09; Bright; 55.0; 42; 34Bet Aur ; 1.90; 10200;occ; 110; 0;41030  
7; 3685.8; 04-JAN-2010 11:36:45; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;41030  
8; 3955.1; 04-JAN-2010 11:41:14; Bright; 44.5; 55; 79Zet UMa ; 2.06; 10200;occ; 89; 0;41030  
9; 4354.6; 04-JAN-2010 11:47:54; Bright; 64.0; 180; 27Gam Boo ; 3.04; 8000;occ; 128; 0;41030  
10; 4585.2; 04-JAN-2010 11:51:44; Bright; 44.0; 83; ; 2.38; 11000;occ; 88; 0;41030  
11; 4906.1; 04-JAN-2010 11:57:05; Bright; 55.0; 102; 24Alp Ser ; 2.60; 4250;occ; 110; 0;41030  
12; 5218.5; 04-JAN-2010 12:02:18; Bright; 42.0; 104; 27Bet Lib ; 2.61; 13100;occ; 84; 0;41030  
13; 5385.0; 04-JAN-2010 12:05:04; Dark ; 44.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 88; 0;41030  
14; 5804.2; 04-JAN-2010 12:12:03; Dark ; 44.0; 54; 5The Cen ; 2.06; 4500;occ; 88; 0;41030  
15; 5964.4; 04-JAN-2010 12:14:44; Dark ; 41.0; 95; Zet Cen ; 2.55; 26000;occ; 82; 0;41030  
16; 6066.3; 04-JAN-2010 12:16:25; Dark ; 43.5; 77; Eps Cen ; 2.30; 28000;occ; 87; 0;41030  
17; 6183.8; 04-JAN-2010 12:18:23; Dark ; 45.0; 64; Gam Cen ; 2.20; 10600;occ; 90; 0;41030  
18; 6292.3; 04-JAN-2010 12:20:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41030  
19; 6556.3; 04-JAN-2010 12:24:35; Dark ; 49.5; 113; Mu Vel ; 2.69; 5000;occ; 99; 0;41030  
20; 6692.9; 04-JAN-2010 12:26:52; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;41030  
21; 6807.3; 04-JAN-2010 12:28:47; Dark ; 40.5; 46; Del Vel ; 1.95; 10600;occ; 81; 0;41030  
22; 6977.2; 04-JAN-2010 12:31:36; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;41030  
23; 7108.3; 04-JAN-2010 12:33:48; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;41030  
24; 7225.8; 04-JAN-2010 12:35:45; Dark ; 46.5; 117; Pi Pup ; 2.71; 3800;occ; 93; 0;41030  
25; 7389.9; 04-JAN-2010 12:38:29; Dark ; 45.0; 23; 21Eps CMa ; 1.50; 26000;occ; 90; 0;41030  
26; 7480.1; 04-JAN-2010 12:39:59; Dark ; 43.0; 179; 240mi2CMa ; 3.03; 24000;occ; 86; 0;41030

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1; 1587.7; 04-JAN-2010 12:42:23; Dark ; 52.0; 1; 9Alp CMa ; -1.44; 11000;occ; 104; 0;41031  
2; 2031.0; 04-JAN-2010 12:49:46; Dark ; 47.5; 14; 58Alp Ori ; 0.87; 3000;occ; 95; 0;41031  
3; 2214.3; 04-JAN-2010 12:52:49; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;41031  
4; 2313.6; 04-JAN-2010 12:54:29; Bright; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;41031  
5; 2556.0; 04-JAN-2010 12:58:31; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;41031  
6; 2689.4; 04-JAN-2010 13:00:44; Bright; 38.0; 42; 34Bet Aur ; 1.90; 10200;occ; 76; 0;41031  
7; 3685.5; 04-JAN-2010 13:17:21; Bright; 40.5; 60; 7Bet UMi ; 2.08; 3950;occ; 81; 0;41031  
8; 3954.8; 04-JAN-2010 13:21:50; Bright; 47.0; 55; 79Zet UMa ; 2.06; 10200;occ; 94; 0;41031  
9; 4354.7; 04-JAN-2010 13:28:30; Bright; 43.0; 180; 27Gam Boo ; 3.04; 8000;occ; 86; 0;41031  
10; 4585.4; 04-JAN-2010 13:32:20; Bright; 44.5; 83; ; 2.38; 11000;occ; 89; 0;41031  
11; 4906.7; 04-JAN-2010 13:37:42; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;41031  
12; 5218.8; 04-JAN-2010 13:42:54; Bright; 44.0; 104; 27Bet Lib ; 2.61; 13100;occ; 88; 0;41031  
13; 5385.6; 04-JAN-2010 13:45:41; Dark ; 44.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 89; 0;41031  
14; 5805.2; 04-JAN-2010 13:52:40; Dark ; 56.0; 54; 5The Cen ; 2.06; 4500;occ; 112; 0;41031  
15; 5965.1; 04-JAN-2010 13:55:20; Dark ; 40.0; 95; Zet Cen ; 2.55; 26000;occ; 80; 0;41031  
16; 6066.9; 04-JAN-2010 13:57:02; Dark ; 38.5; 77; Eps Cen ; 2.30; 28000;occ; 77; 0;41031

17; 6184.6; 04-JAN-2010 13:59:00; Dark ; 45.0; 64; Gam Cen ; 2.20; 10600;occ; 90; 0;41031  
 18; 6293.3; 04-JAN-2010 14:00:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41031  
 19; 6557.2; 04-JAN-2010 14:05:12; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;41031  
 20; 6693.5; 04-JAN-2010 14:07:29; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;41031  
 21; 6807.8; 04-JAN-2010 14:09:23; Dark ; 39.0; 46; Del Vel ; 1.95; 10600;occ; 78; 0;41031  
 22; 6977.7; 04-JAN-2010 14:12:13; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;41031  
 23; 7108.7; 04-JAN-2010 14:14:24; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;41031  
 24; 7226.6; 04-JAN-2010 14:16:22; Dark ; 46.5; 117; Pi Pup ; 2.71; 3800;occ; 93; 0;41031  
 25; 7390.2; 04-JAN-2010 14:19:05; Dark ; 44.5; 23; 21Eps CMa ; 1.50; 26000;occ; 89; 0;41031  
 26; 7480.6; 04-JAN-2010 14:20:36; Dark ; 41.0; 179; 240mi2CMa ; 3.03; 24000;occ; 82; 0;41031

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 2; 1588.0; 04-JAN-2010 14:22:59; Dark ; 50.5; 1; 9Alp CMa ; -1.44; 11000;occ; 101; 0;41032  
 3; 2031.2; 04-JAN-2010 14:30:22; Dark ; 51.0; 14; 58Alp Ori ; 0.87; 3000;occ; 102; 0;41032  
 4; 2214.0; 04-JAN-2010 14:33:25; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;41032  
 5; 2313.6; 04-JAN-2010 14:35:05; Bright; 46.0; 151; 13Mu Gem ; 2.89; 3000;occ; 92; 0;41032  
 6; 2555.9; 04-JAN-2010 14:39:07; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;41032  
 7; 2689.5; 04-JAN-2010 14:41:20; Bright; 39.5; 42; 34Bet Aur ; 1.90; 10200;occ; 79; 0;41032  
 8; 3685.6; 04-JAN-2010 14:57:57; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;41032  
 9; 3954.3; 04-JAN-2010 15:02:25; Bright; 49.0; 55; 79Zet UMa ; 2.06; 10200;occ; 98; 0;41032  
 10; 4354.6; 04-JAN-2010 15:09:06; Bright; 65.0; 180; 27Gam Boo ; 3.04; 8000;occ; 130; 0;41032  
 11; 4585.6; 04-JAN-2010 15:12:57; Bright; 43.5; 83; ; 2.38; 11000;occ; 87; 0;41032  
 12; 4907.0; 04-JAN-2010 15:18:18; Bright; 36.5; 102; 24Alp Ser ; 2.60; 4250;occ; 73; 0;41032  
 13; 5219.5; 04-JAN-2010 15:23:30; Bright; 39.5; 104; 27Bet Lib ; 2.61; 13100;occ; 79; 0;41032  
 14; 5386.6; 04-JAN-2010 15:26:18; Dark ; 44.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 88; 0;41032  
 15; 5806.1; 04-JAN-2010 15:33:17; Dark ; 49.0; 54; 5The Cen ; 2.06; 4500;occ; 98; 0;41032  
 16; 5965.9; 04-JAN-2010 15:35:57; Dark ; 40.5; 95; Zet Cen ; 2.55; 26000;occ; 81; 0;41032  
 17; 6067.7; 04-JAN-2010 15:37:39; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0;41032  
 18; 6185.4; 04-JAN-2010 15:39:36; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;41032  
 19; 6294.3; 04-JAN-2010 15:41:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41032  
 20; 6558.1; 04-JAN-2010 15:45:49; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;41032  
 21; 6694.1; 04-JAN-2010 15:48:05; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;41032  
 22; 6808.3; 04-JAN-2010 15:49:59; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;41032  
 23; 6978.2; 04-JAN-2010 15:52:49; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;41032  
 24; 7109.3; 04-JAN-2010 15:55:00; Dark ; 46.0; 70; Zet Pup ; 2.25; 39000;occ; 92; 0;41032  
 25; 7226.6; 04-JAN-2010 15:56:58; Dark ; 46.0; 117; Pi Pup ; 2.71; 3800;occ; 92; 0;41032

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 2; 1444.7; 04-JAN-2010 16:01:12; Dark ; 43.5; 179; 240mi2CMa ; 3.03; 24000;occ; 87; 0;41033  
 3; 1588.1; 04-JAN-2010 16:03:35; Dark ; 49.5; 1; 9Alp CMa ; -1.44; 11000;occ; 99; 0;41033  
 4; 2031.1; 04-JAN-2010 16:10:58; Dark ; 51.5; 14; 58Alp Ori ; 0.87; 3000;occ; 103; 0;41033  
 5; 2213.7; 04-JAN-2010 16:14:01; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;41033  
 6; 2313.1; 04-JAN-2010 16:15:40; Bright; 47.0; 151; 13Mu Gem ; 2.89; 3000;occ; 94; 0;41033  
 7; 2555.6; 04-JAN-2010 16:19:43; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;41033  
 8; 2689.2; 04-JAN-2010 16:21:56; Bright; 38.0; 42; 34Bet Aur ; 1.90; 10200;occ; 76; 0;41033  
 9; 3685.3; 04-JAN-2010 16:38:32; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;41033  
 10; 3953.8; 04-JAN-2010 16:43:01; Bright; 53.5; 55; 79Zet UMa ; 2.06; 10200;occ; 107; 0;41033  
 11; 4354.5; 04-JAN-2010 16:49:41; Bright; 56.0; 180; 27Gam Boo ; 3.04; 8000;occ; 112; 0;41033  
 12; 4585.9; 04-JAN-2010 16:53:33; Bright; 46.0; 83; ; 2.38; 11000;occ; 92; 0;41033  
 13; 4907.3; 04-JAN-2010 16:58:54; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;41033  
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 18; 1359.7; 06-JAN-2010 03:12:21; Dark ; 44.5; 23; 21Eps CMA ; 1.50; 26000;occ; 89; 0;41054  
 19; 1448.9; 06-JAN-2010 03:13:50; Dark ; 44.0; 179; 240mi2CMA ; 3.03; 24000;occ; 88; 0;41054  
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 21; 2030.7; 06-JAN-2010 03:23:32; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;41054  
 22; 2208.4; 06-JAN-2010 03:26:30; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;41054  
 23; 2308.5; 06-JAN-2010 03:28:10; Bright; 45.0; 151; 13Mu Gem ; 2.89; 3000;occ; 90; 0;41054  
 24; 2551.8; 06-JAN-2010 03:32:13; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;41054  
 25; 2684.9; 06-JAN-2010 03:34:26; Bright; 37.0; 42; 34Bet Aur ; 1.90; 10200;occ; 74; 0;41054

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1;-2353.0; 06-JAN-2010 03:51:04; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;41054  
 2;-2111.8; 06-JAN-2010 03:55:06; Bright; 46.5; 119; 14Eta Dra ; 2.73; 4700;occ; 93; 0;41054  
 3;-1944.3; 06-JAN-2010 03:57:53; Bright; 69.0; 39; 85Eta UMa ; 1.85; 24000;occ; 138; 0;41054  
 4;-1681.4; 06-JAN-2010 04:02:16; Bright; 45.0; 180; 27Gam Boo ; 3.04; 8000;occ; 90; 0;41054  
 5;-1445.2; 06-JAN-2010 04:06:12; Bright; 47.0; 83; ; 2.38; 11000;occ; 94; 0;41054  
 6;-1121.4; 06-JAN-2010 04:11:36; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;41054  
 7; -804.7; 06-JAN-2010 04:16:53; Dark ; 48.5; 104; 27Bet Lib ; 2.61; 13100;occ; 97; 0;41054  
 8; -634.1; 06-JAN-2010 04:19:43; Dark ; 43.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 86; 0;41054  
 9; -212.3; 06-JAN-2010 04:26:45; Dark ; 53.0; 54; 5The Cen ; 2.06; 4500;occ; 106; 0;41054  
 10; -55.4; 06-JAN-2010 04:29:22; Dark ; 39.5; 95; Zet Cen ; 2.55; 26000;occ; 79; 0;41054  
 11; 44.9; 06-JAN-2010 04:31:02; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;41055  
 12; 168.2; 06-JAN-2010 04:33:06; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;41055  
 13; 279.0; 06-JAN-2010 04:34:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41055  
 14; 541.1; 06-JAN-2010 04:39:18; Dark ; 52.5; 113; Mu Vel ; 2.69; 5000;occ; 105; 0;41055  
 15; 669.2; 06-JAN-2010 04:41:27; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;41055  
 16; 783.4; 06-JAN-2010 04:43:21; Dark ; 46.0; 46; Del Vel ; 1.95; 10600;occ; 92; 0;41055  
 17; 952.2; 06-JAN-2010 04:46:10; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;41055  
 18; 1083.2; 06-JAN-2010 04:48:21; Dark ; 44.5; 70; Zet Pup ; 2.25; 39000;occ; 89; 0;41055  
 19; 1198.1; 06-JAN-2010 04:50:15; Dark ; 46.5; 117; Pi Pup ; 2.71; 3800;occ; 93; 0;41055  
 20; 1359.8; 06-JAN-2010 04:52:57; Dark ; 43.5; 23; 21Eps CMA ; 1.50; 26000;occ; 87; 0;41055  
 21; 1449.5; 06-JAN-2010 04:54:27; Dark ; 43.0; 179; 240mi2CMA ; 3.03; 24000;occ; 86; 0;41055  
 22; 1590.8; 06-JAN-2010 04:56:48; Dark ; 51.0; 1; 9Alp CMA ; -1.44; 11000;occ; 102; 0;41055  
 23; 2031.0; 06-JAN-2010 05:04:08; Dark ; 52.5; 14; 58Alp Ori ; 0.87; 3000;occ; 105; 0;41055  
 24; 2208.3; 06-JAN-2010 05:07:06; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;41055  
 25; 2308.5; 06-JAN-2010 05:08:46; Bright; 43.5; 151; 13Mu Gem ; 2.89; 3000;occ; 87; 0;41055  
 26; 2551.9; 06-JAN-2010 05:12:49; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;41055  
 27; 2685.1; 06-JAN-2010 05:15:02; Bright; 37.0; 42; 34Bet Aur ; 1.90; 10200;occ; 74; 0;41055  
 28; 3682.8; 06-JAN-2010 05:31:40; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;41055

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1;-2350.2; 06-JAN-2010 05:31:43; Bright; 43.5; 60; 7Bet UMi ; 2.08; 3950;occ; 87; 6;41055  
 2;-2111.7; 06-JAN-2010 05:35:42; Bright; 53.0; 119; 14Eta Dra ; 2.73; 4700;occ; 106; 0;41055  
 3;-1944.3; 06-JAN-2010 05:38:29; Bright; 69.0; 39; 85Eta UMa ; 1.85; 24000;occ; 138; 0;41055  
 4;-1681.2; 06-JAN-2010 05:42:52; Bright; 66.0; 180; 27Gam Boo ; 3.04; 8000;occ; 132; 0;41055  
 5;-1445.0; 06-JAN-2010 05:46:48; Bright; 47.5; 83; ; 2.38; 11000;occ; 95; 0;41055  
 6;-1121.0; 06-JAN-2010 05:52:12; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;41055  
 7; -804.4; 06-JAN-2010 05:57:29; Dark ; 49.5; 104; 27Bet Lib ; 2.61; 13100;occ; 99; 0;41055  
 8; -633.3; 06-JAN-2010 06:00:20; Dark ; 47.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 94; 0;41055  
 9; -211.5; 06-JAN-2010 06:07:22; Dark ; 47.5; 54; 5The Cen ; 2.06; 4500;occ; 95; 0;41055  
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 11; 45.6; 06-JAN-2010 06:11:39; Dark ; 39.0; 77; Eps Cen ; 2.30; 28000;occ; 78; 0;41056  
 12; 169.0; 06-JAN-2010 06:13:42; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;41056  
 13; 279.9; 06-JAN-2010 06:15:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41056  
 14; 541.9; 06-JAN-2010 06:19:55; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;41056  
 15; 669.6; 06-JAN-2010 06:22:03; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;41056  
 16; 784.0; 06-JAN-2010 06:23:57; Dark ; 44.0; 46; Del Vel ; 1.95; 10600;occ; 88; 0;41056  
 17; 952.5; 06-JAN-2010 06:26:46; Dark ; 41.0; 34; Gam2Vel ; 1.79; 23000;occ; 82; 0;41056  
 18; 1083.6; 06-JAN-2010 06:28:57; Dark ; 45.0; 70; Zet Pup ; 2.25; 39000;occ; 90; 0;41056  
 19; 1198.5; 06-JAN-2010 06:30:52; Dark ; 44.0; 117; Pi Pup ; 2.71; 3800;occ; 88; 0;41056  
 20; 1360.2; 06-JAN-2010 06:33:34; Dark ; 42.5; 23; 21Eps CMA ; 1.50; 26000;occ; 85; 0;41056  
 21; 1449.4; 06-JAN-2010 06:35:03; Dark ; 42.5; 179; 240mi2CMA ; 3.03; 24000;occ; 85; 0;41056  
 22; 1590.9; 06-JAN-2010 06:37:24; Dark ; 48.0; 1; 9Alp CMA ; -1.44; 11000;occ; 96; 0;41056  
 23; 2031.1; 06-JAN-2010 06:44:44; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;41056  
 24; 2208.1; 06-JAN-2010 06:47:41; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;41056  
 25; 2308.3; 06-JAN-2010 06:49:22; Bright; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;41056



26;	2551.8;	06-JAN-2010	06:53:25;	Bright;	38.5;	107;	37The Aur	;	2.65;	11000;	occ;	77;	0;	41056	
27;	2684.7;	06-JAN-2010	06:55:38;	Bright;	39.0;	42;	34Bet Aur	;	1.90;	10200;	occ;	78;	0;	41056	
28;	3682.7;	06-JAN-2010	07:12:16;	Bright;	32.5;	60;	7Bet UMi	;	2.08;	3950;	occ;	65;	0;	41056	
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1;	956.1;	06-JAN-2010	19:51:37;	Dark	;	41.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	83;	0;	41064
2;	1087.2;	06-JAN-2010	19:53:48;	Dark	;	44.5;	70;	Zet Pup	;	2.25;	39000;	occ;	89;	0;	41064
3;	1200.8;	06-JAN-2010	19:55:42;	Dark	;	47.0;	117;	Pi Pup	;	2.71;	3800;	occ;	94;	0;	41064
4;	1362.0;	06-JAN-2010	19:58:23;	Dark	;	45.0;	23;	21Eps CMa	;	1.50;	26000;	occ;	90;	0;	41064
5;	1451.0;	06-JAN-2010	19:59:52;	Dark	;	41.0;	179;	24Om12CMa	;	3.03;	24000;	occ;	82;	0;	41064
6;	1591.9;	06-JAN-2010	20:02:13;	Dark	;	47.5;	1;	9Alp CMa	;	-1.44;	11000;	occ;	95;	0;	41064
7;	2030.9;	06-JAN-2010	20:09:32;	Dark	;	50.0;	14;	58Alp Ori	;	0.87;	3000;	occ;	100;	0;	41064
8;	2206.2;	06-JAN-2010	20:12:27;	Dark	;	49.0;	44;	24Gam Gem	;	1.93;	11000;	occ;	98;	0;	41064
9;	2306.4;	06-JAN-2010	20:14:07;	Bright;	49.5;	151;	13Mu Gem	;	2.89;	3000;	occ;	99;	0;	41064	
10;	2550.3;	06-JAN-2010	20:18:11;	Bright;	38.0;	107;	37The Aur	;	2.65;	11000;	occ;	76;	0;	41064	
11;	2683.3;	06-JAN-2010	20:20:24;	Bright;	40.0;	42;	34Bet Aur	;	1.90;	10200;	occ;	80;	0;	41064	
12;	3681.5;	06-JAN-2010	20:37:02;	Bright;	39.5;	60;	7Bet UMi	;	2.08;	3950;	occ;	79;	0;	41064	
13;	3924.4;	06-JAN-2010	20:41:05;	Bright;	34.5;	119;	14Eta Dra	;	2.73;	4700;	occ;	69;	0;	41064	
14;	4089.1;	06-JAN-2010	20:43:50;	Bright;	47.0;	39;	85Eta UMA	;	1.85;	24000;	occ;	94;	0;	41064	
15;	4355.1;	06-JAN-2010	20:48:16;	Bright;	48.0;	180;	27Gam Boo	;	3.04;	8000;	occ;	96;	0;	41064	
16;	4593.2;	06-JAN-2010	20:52:14;	Bright;	50.0;	83;		;	2.38;	11000;	occ;	100;	0;	41064	
17;	4918.0;	06-JAN-2010	20:57:39;	Bright;	55.5;	102;	24Alp Ser	;	2.60;	4250;	occ;	111;	0;	41064	
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1;	-1117.9;	06-JAN-2010	20:57:39;	Bright;	56.0;	102;	24Alp Ser	;	2.60;	4250;	occ;	112;	0;	41064	
2;	-799.4;	06-JAN-2010	21:02:57;	Dark	;	47.5;	104;	27Bet Lib	;	2.61;	13100;	occ;	95;	0;	41064
3;	-627.5;	06-JAN-2010	21:05:49;	Dark	;	46.5;	122;	9Alp2Lib	;	2.75;	9700;	occ;	93;	0;	41064
4;	-204.1;	06-JAN-2010	21:12:53;	Dark	;	57.5;	54;	5The Cen	;	2.06;	4500;	occ;	115;	0;	41064
5;	-48.6;	06-JAN-2010	21:15:28;	Dark	;	42.0;	95;	Zet Cen	;	2.55;	26000;	occ;	84;	0;	41064
6;	51.1;	06-JAN-2010	21:17:08;	Dark	;	41.5;	77;	Eps Cen	;	2.30;	28000;	occ;	83;	0;	41065
7;	213.9;	06-JAN-2010	21:19:51;	Dark	;	41.0;	20;	Bet Cru	;	1.25;	30000;	occ;	82;	0;	41065
8;	288.4;	06-JAN-2010	21:21:05;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	41065
9;	549.6;	06-JAN-2010	21:25:26;	Dark	;	45.0;	113;	Mu Vel	;	2.69;	5000;	occ;	90;	0;	41065
10;	674.0;	06-JAN-2010	21:27:31;	Dark	;	43.5;	71;	Iot Car	;	2.25;	7700;	occ;	87;	0;	41065
11;	788.1;	06-JAN-2010	21:29:25;	Dark	;	41.5;	46;	Del Vel	;	1.95;	10600;	occ;	83;	0;	41065
12;	956.9;	06-JAN-2010	21:32:14;	Dark	;	45.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	91;	0;	41065
13;	1087.5;	06-JAN-2010	21:34:24;	Dark	;	45.0;	70;	Zet Pup	;	2.25;	39000;	occ;	90;	0;	41065
14;	1200.8;	06-JAN-2010	21:36:18;	Dark	;	46.0;	117;	Pi Pup	;	2.71;	3800;	occ;	92;	0;	41065
15;	1362.2;	06-JAN-2010	21:38:59;	Dark	;	43.0;	23;	21Eps CMa	;	1.50;	26000;	occ;	86;	0;	41065
16;	1451.1;	06-JAN-2010	21:40:28;	Dark	;	42.0;	179;	24Om12CMa	;	3.03;	24000;	occ;	84;	0;	41065
17;	1591.9;	06-JAN-2010	21:42:49;	Dark	;	44.5;	1;	9Alp CMa	;	-1.44;	11000;	occ;	89;	0;	41065
18;	2031.0;	06-JAN-2010	21:50:08;	Dark	;	53.0;	14;	58Alp Ori	;	0.87;	3000;	occ;	106;	0;	41065
19;	2206.0;	06-JAN-2010	21:53:03;	Dark	;	47.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	95;	0;	41065
20;	2305.9;	06-JAN-2010	21:54:43;	Bright;	45.0;	151;	13Mu Gem	;	2.89;	3000;	occ;	90;	0;	41065	
21;	2550.1;	06-JAN-2010	21:58:47;	Bright;	37.5;	107;	37The Aur	;	2.65;	11000;	occ;	75;	0;	41065	
22;	2683.2;	06-JAN-2010	22:01:00;	Bright;	54.0;	42;	34Bet Aur	;	1.90;	10200;	occ;	108;	0;	41065	
23;	3681.3;	06-JAN-2010	22:17:38;	Bright;	40.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	80;	0;	41065	
24;	3924.1;	06-JAN-2010	22:21:41;	Bright;	39.0;	119;	14Eta Dra	;	2.73;	4700;	occ;	78;	0;	41065	
25;	4088.7;	06-JAN-2010	22:24:26;	Bright;	52.5;	39;	85Eta UMA	;	1.85;	24000;	occ;	105;	0;	41065	
26;	4354.8;	06-JAN-2010	22:28:52;	Bright;	43.5;	180;	27Gam Boo	;	3.04;	8000;	occ;	87;	0;	41065	
27;	4593.2;	06-JAN-2010	22:32:50;	Bright;	45.5;	83;		;	2.38;	11000;	occ;	91;	0;	41065	
28;	4918.5;	06-JAN-2010	22:38:15;	Bright;	38.0;	102;	24Alp Ser	;	2.60;	4250;	occ;	76;	0;	41065	
29;	5237.2;	06-JAN-2010	22:43:34;	Dark	;	42.0;	104;	27Bet Lib	;	2.61;	13100;	occ;	84;	0;	41065
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1;	-798.7;	06-JAN-2010	22:43:34;	Dark	;	46.5;	104;	27Bet Lib	;	2.61;	13100;	occ;	93;	0;	41065
2;	-626.5;	06-JAN-2010	22:46:26;	Dark	;	48.0;	122;	9Alp2Lib	;	2.75;	9700;	occ;	96;	0;	41065
3;	-203.4;	06-JAN-2010	22:53:29;	Dark	;	55.0;	54;	5The Cen	;	2.06;	4500;	occ;	110;	0;	41065
4;	-47.8;	06-JAN-2010	22:56:05;	Dark	;	41.0;	95;	Zet Cen	;	2.55;	26000;	occ;	82;	0;	41065
5;	51.6;	06-JAN-2010	22:57:44;	Dark	;	40.0;	77;	Eps Cen	;	2.30;	28000;	occ;	80;	0;	41066
6;	214.5;	06-JAN-2010	23:00:27;	Dark	;	40.0;	20;	Bet Cru	;	1.25;	30000;	occ;	80;	0;	41066
7;	289.4;	06-JAN-2010	23:01:42;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	41066
8;	550.5;	06-JAN-2010	23:06:03;	Dark	;	47.0;	113;	Mu Vel	;	2.69;	5000;	occ;	94;	0;	41066
9;	674.5;	06-JAN-2010	23:08:07;	Dark	;	44.5;	71;	Iot Car	;	2.25;	7700;	occ;	89;	0;	41066
10;	788.7;	06-JAN-2010	23:10:01;	Dark	;	45.0;	46;	Del Vel	;	1.95;	10600;	occ;	90;	0;	41066
11;	957.0;	06-JAN-2010	23:12:50;	Dark	;	46.0;	34;	Gam2Vel	;	1.79;	23000;	occ;	92;	0;	41066
12;	1087.8;	06-JAN-2010	23:15:00;	Dark	;	46.0;	70;	Zet Pup	;	2.25;	39000;	occ;	92;	0;	41066
13;	1201.2;	06-JAN-2010	23:16:54;	Dark	;	47.0;	117;	Pi Pup	;	2.71;	3800;	occ;	94;	0;	41066
14;	1362.2;	06-JAN-2010	23:19:35;	Dark	;	45.5;	23;	21Eps CMa	;	1.50;	26000;	occ;	91;	0;	41066
15;	1451.6;	06-JAN-2010	23:21:04;	Dark	;	41.0;	179;	24Om12CMa	;	3.03;	24000;	occ;	82;	0;	41066
16;	1592.1;	06-JAN-2010	23:23:25;	Dark	;	47.0;	1;	9Alp CMa	;	-1.44;	11000;	occ;	94;	0;	41066

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 26; 4593.2; 07-JAN-2010 00:13:26; Bright; 67.0; 83; ; 2.38; 11000;occ; 134; 0;41066  
 27; 4918.8; 07-JAN-2010 00:18:51; Bright; 36.0; 102; 24Alp Ser ; 2.60; 4250;occ; 72; 0;41066  
 28; 5237.8; 07-JAN-2010 00:24:10; Dark ; 44.0; 104; 27Bet Lib ; 2.61; 13100;occ; 88; 0;41066

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1; -2353.2; 06-JAN-2010 07:12:16; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;41056  
 2; -2111.6; 06-JAN-2010 07:16:18; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;41056  
 3; -1944.6; 06-JAN-2010 07:19:05; Bright; 49.5; 39; 85Eta UMa ; 1.85; 24000;occ; 99; 0;41056  
 4; -1681.3; 06-JAN-2010 07:23:28; Bright; 66.0; 180; 27Gam Boo ; 3.04; 8000;occ; 132; 0;41056  
 5; -1444.7; 06-JAN-2010 07:27:25; Bright; 46.5; 83; ; 2.38; 11000;occ; 93; 0;41056  
 6; -1120.7; 06-JAN-2010 07:32:49; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;41056  
 7; -803.8; 06-JAN-2010 07:38:06; Dark ; 47.0; 104; 27Bet Lib ; 2.61; 13100;occ; 94; 0;41056  
 8; -633.0; 06-JAN-2010 07:40:56; Dark ; 45.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 91; 0;41056  
 9; -210.7; 06-JAN-2010 07:47:59; Dark ; 49.0; 54; 5The Cen ; 2.06; 4500;occ; 98; 0;41056  
 10; -53.9; 06-JAN-2010 07:50:35; Dark ; 42.5; 95; Zet Cen ; 2.55; 26000;occ; 85; 0;41056  
 11; 46.2; 06-JAN-2010 07:52:16; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;41057  
 12; 170.0; 06-JAN-2010 07:54:19; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;41057  
 13; 280.9; 06-JAN-2010 07:56:10; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41057  
 14; 542.8; 06-JAN-2010 08:00:32; Dark ; 56.5; 113; Mu Vel ; 2.69; 5000;occ; 113; 0;41057  
 15; 670.4; 06-JAN-2010 08:02:40; Dark ; 48.5; 71; Iot Car ; 2.25; 7700;occ; 97; 0;41057  
 16; 784.3; 06-JAN-2010 08:04:34; Dark ; 40.5; 46; Del Vel ; 1.95; 10600;occ; 81; 0;41057  
 17; 953.2; 06-JAN-2010 08:07:23; Dark ; 41.5; 34; Gam2Vel ; 1.79; 23000;occ; 83; 0;41057  
 18; 1084.0; 06-JAN-2010 08:09:33; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;41057  
 19; 1198.4; 06-JAN-2010 08:11:28; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;41057  
 20; 1360.5; 06-JAN-2010 08:14:10; Dark ; 44.0; 23; 21Eps CMa ; 1.50; 26000;occ; 88; 0;41057  
 21; 1449.8; 06-JAN-2010 08:15:39; Dark ; 42.5; 179; 240mi2CMa ; 3.03; 24000;occ; 85; 0;41057  
 22; 1591.2; 06-JAN-2010 08:18:01; Dark ; 47.0; 1; 9Alp CMa ; -1.44; 11000;occ; 94; 0;41057

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1; 1591.2; 06-JAN-2010 08:18:01; Dark ; 47.5; 1; 9Alp CMa ; -1.44; 11000;occ; 95; 0;41057  
 2; 2030.8; 06-JAN-2010 08:25:20; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;41057  
 3; 2207.8; 06-JAN-2010 08:28:17; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;41057  
 4; 2308.0; 06-JAN-2010 08:29:57; Bright; 44.5; 151; 13Mu Gem ; 2.89; 3000;occ; 89; 0;41057  
 5; 2551.5; 06-JAN-2010 08:34:01; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;41057  
 6; 2684.4; 06-JAN-2010 08:36:14; Bright; 37.5; 42; 34Bet Aur ; 1.90; 10200;occ; 75; 0;41057  
 7; 3682.3; 06-JAN-2010 08:52:52; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;41057  
 8; 3924.4; 06-JAN-2010 08:56:54; Bright; 42.0; 119; 14Eta Dra ; 2.73; 4700;occ; 84; 0;41057  
 9; 4091.1; 06-JAN-2010 08:59:40; Bright; 47.0; 39; 85Eta UMa ; 1.85; 24000;occ; 94; 0;41057  
 10; 4354.8; 06-JAN-2010 09:04:04; Bright; 43.5; 180; 27Gam Boo ; 3.04; 8000;occ; 87; 0;41057  
 11; 4591.4; 06-JAN-2010 09:08:01; Bright; 66.0; 83; ; 2.38; 11000;occ; 132; 0;41057  
 12; 4915.8; 06-JAN-2010 09:13:25; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;41057  
 13; 5232.8; 06-JAN-2010 09:18:42; Dark ; 46.0; 104; 27Bet Lib ; 2.61; 13100;occ; 92; 0;41057  
 14; 5403.7; 06-JAN-2010 09:21:33; Dark ; 46.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 92; 0;41057  
 15; 5826.1; 06-JAN-2010 09:28:35; Dark ; 49.5; 54; 5The Cen ; 2.06; 4500;occ; 99; 0;41057  
 16; 5982.4; 06-JAN-2010 09:31:12; Dark ; 41.0; 95; Zet Cen ; 2.55; 26000;occ; 82; 0;41057  
 17; 6082.7; 06-JAN-2010 09:32:52; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;41057  
 18; 6206.9; 06-JAN-2010 09:34:56; Dark ; 44.0; 64; Gam Cen ; 2.20; 10600;occ; 88; 0;41057  
 19; 6317.7; 06-JAN-2010 09:36:47; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41057  
 20; 6579.6; 06-JAN-2010 09:41:09; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;41057  
 21; 6706.7; 06-JAN-2010 09:43:16; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;41057  
 22; 6820.8; 06-JAN-2010 09:45:10; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;41057  
 23; 6989.6; 06-JAN-2010 09:47:59; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;41057  
 24; 7120.6; 06-JAN-2010 09:50:10; Dark ; 46.0; 70; Zet Pup ; 2.25; 39000;occ; 92; 0;41057  
 25; 7234.6; 06-JAN-2010 09:52:04; Dark ; 45.0; 117; Pi Pup ; 2.71; 3800;occ; 90; 0;41057  
 26; 7396.5; 06-JAN-2010 09:54:46; Dark ; 44.5; 23; 21Eps CMa ; 1.50; 26000;occ; 89; 0;41057  
 27; 7485.9; 06-JAN-2010 09:56:15; Dark ; 42.5; 179; 240mi2CMa ; 3.03; 24000;occ; 85; 0;41057  
 28; 7627.0; 06-JAN-2010 09:58:36; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;41057

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1; 1603.6; 06-JAN-2010 09:58:49; Dark ; 49.5; 1; 9Alp CMa ; -1.44; 11000;occ; 99; 25;41058  
 2; 2031.0; 06-JAN-2010 10:05:56; Dark ; 48.0; 14; 58Alp Ori ; 0.87; 3000;occ; 96; 0;41058  
 3; 2207.4; 06-JAN-2010 10:08:53; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;41058



4; 2307.8; 06-JAN-2010 10:10:33; Bright; 42.5; 151; 13Mu Gem ; 2.89; 3000;occ; 85; 0;41058  
5; 2551.2; 06-JAN-2010 10:14:36; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;41058  
6; 2684.3; 06-JAN-2010 10:16:50; Bright; 38.5; 42; 34Bet Aur ; 1.90; 10200;occ; 77; 0;41058  
7; 3682.5; 06-JAN-2010 10:33:28; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;41058  
8; 3924.4; 06-JAN-2010 10:37:30; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;41058  
9; 4091.0; 06-JAN-2010 10:40:16; Bright; 44.0; 39; 85Eta UMa ; 1.85; 24000;occ; 88; 0;41058  
10; 4354.8; 06-JAN-2010 10:44:40; Bright; 46.0; 180; 27Gam Boo ; 3.04; 8000;occ; 92; 0;41058  
11; 4591.7; 06-JAN-2010 10:48:37; Bright; 64.0; 83; ; 2.38; 11000;occ; 128; 0;41058  
12; 4916.1; 06-JAN-2010 10:54:01; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;41058  
13; 5233.3; 06-JAN-2010 10:59:19; Dark ; 46.5; 104; 27Bet Lib ; 2.61; 13100;occ; 93; 0;41058  
14; 5404.3; 06-JAN-2010 11:02:10; Dark ; 46.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 93; 0;41058  
15; 5826.9; 06-JAN-2010 11:09:12; Dark ; 50.0; 54; 5The Cen ; 2.06; 4500;occ; 100; 0;41058  
16; 5983.4; 06-JAN-2010 11:11:49; Dark ; 44.0; 95; Zet Cen ; 2.55; 26000;occ; 88; 0;41058  
17; 6083.5; 06-JAN-2010 11:13:29; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;41058  
18; 6207.5; 06-JAN-2010 11:15:33; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;41058  
19; 6318.6; 06-JAN-2010 11:17:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41058  
20; 6580.6; 06-JAN-2010 11:21:46; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;41058  
21; 6707.2; 06-JAN-2010 11:23:52; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;41058  
22; 6821.3; 06-JAN-2010 11:25:47; Dark ; 43.0; 46; Del Vel ; 1.95; 10600;occ; 86; 0;41058  
23; 6990.2; 06-JAN-2010 11:28:35; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;41058  
24; 7120.8; 06-JAN-2010 11:30:46; Dark ; 45.0; 70; Zet Pup ; 2.25; 39000;occ; 90; 0;41058  
25; 7235.1; 06-JAN-2010 11:32:40; Dark ; 44.0; 117; Pi Pup ; 2.71; 3800;occ; 88; 0;41058  
26; 7396.9; 06-JAN-2010 11:35:22; Dark ; 44.0; 23; 21Eps CMa ; 1.50; 26000;occ; 88; 0;41058  
27; 7485.9; 06-JAN-2010 11:36:51; Dark ; 42.5; 179; 240mi2CMa ; 3.03; 24000;occ; 85; 0;41058

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1; 1450.0; 06-JAN-2010 11:36:51; Dark ; 43.0; 179; 240mi2CMa ; 3.03; 24000;occ; 86; 0;41059  
2; 1591.4; 06-JAN-2010 11:39:13; Dark ; 49.5; 1; 9Alp CMa ; -1.44; 11000;occ; 99; 0;41059  
3; 2030.9; 06-JAN-2010 11:46:32; Dark ; 50.0; 14; 58Alp Ori ; 0.87; 3000;occ; 100; 0;41059  
4; 2207.2; 06-JAN-2010 11:49:28; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;41059  
5; 2307.5; 06-JAN-2010 11:51:09; Bright; 43.5; 151; 13Mu Gem ; 2.89; 3000;occ; 87; 0;41059  
6; 2551.0; 06-JAN-2010 11:55:12; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;41059  
7; 2684.2; 06-JAN-2010 11:57:25; Bright; 39.5; 42; 34Bet Aur ; 1.90; 10200;occ; 79; 0;41059  
8; 3682.0; 06-JAN-2010 12:14:03; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;41059  
9; 3924.5; 06-JAN-2010 12:18:06; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;41059  
10; 4090.4; 06-JAN-2010 12:20:52; Bright; 47.5; 39; 85Eta UMa ; 1.85; 24000;occ; 95; 0;41059  
11; 4354.6; 06-JAN-2010 12:25:16; Bright; 44.0; 180; 27Gam Boo ; 3.04; 8000;occ; 88; 0;41059  
12; 4592.0; 06-JAN-2010 12:29:13; Bright; 51.0; 83; ; 2.38; 11000;occ; 102; 0;41059  
13; 4916.4; 06-JAN-2010 12:34:38; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;41059  
14; 5233.9; 06-JAN-2010 12:39:55; Dark ; 45.0; 104; 27Bet Lib ; 2.61; 13100;occ; 90; 0;41059  
15; 5405.2; 06-JAN-2010 12:42:46; Dark ; 47.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 94; 0;41059  
16; 5827.8; 06-JAN-2010 12:49:49; Dark ; 47.5; 54; 5The Cen ; 2.06; 4500;occ; 95; 0;41059  
17; 5983.8; 06-JAN-2010 12:52:25; Dark ; 41.0; 95; Zet Cen ; 2.55; 26000;occ; 82; 0;41059  
18; 6084.0; 06-JAN-2010 12:54:05; Dark ; 43.0; 77; Eps Cen ; 2.30; 28000;occ; 86; 0;41059  
19; 6208.4; 06-JAN-2010 12:56:10; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;41059  
20; 6319.6; 06-JAN-2010 12:58:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41059  
21; 6581.5; 06-JAN-2010 13:02:23; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;41059  
22; 6707.7; 06-JAN-2010 13:04:29; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;41059  
23; 6821.8; 06-JAN-2010 13:06:23; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;41059  
24; 6990.4; 06-JAN-2010 13:09:11; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;41059  
25; 7121.2; 06-JAN-2010 13:11:22; Dark ; 46.0; 70; Zet Pup ; 2.25; 39000;occ; 92; 0;41059  
26; 7235.6; 06-JAN-2010 13:13:17; Dark ; 44.5; 117; Pi Pup ; 2.71; 3800;occ; 89; 0;41059  
27; 7397.0; 06-JAN-2010 13:15:58; Dark ; 44.5; 23; 21Eps CMa ; 1.50; 26000;occ; 89; 0;41059  
28; 7486.1; 06-JAN-2010 13:17:27; Dark ; 41.0; 179; 240mi2CMa ; 3.03; 24000;occ; 82; 0;41059

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1; 1463.2; 06-JAN-2010 13:17:40; Dark ; 41.5; 179; 240mi2CMa ; 3.03; 24000;occ; 83; 26;41060  
2; 1591.2; 06-JAN-2010 13:19:48; Dark ; 47.0; 1; 9Alp CMa ; -1.44; 11000;occ; 94; 0;41060  
3; 2031.1; 06-JAN-2010 13:27:08; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;41060  
4; 2207.0; 06-JAN-2010 13:30:04; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;41060  
5; 2307.3; 06-JAN-2010 13:31:44; Bright; 46.5; 151; 13Mu Gem ; 2.89; 3000;occ; 93; 0;41060  
6; 2550.9; 06-JAN-2010 13:35:48; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;41060  
7; 2684.0; 06-JAN-2010 13:38:01; Bright; 39.5; 42; 34Bet Aur ; 1.90; 10200;occ; 79; 0;41060  
8; 3682.2; 06-JAN-2010 13:54:39; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;41060  
9; 3924.5; 06-JAN-2010 13:58:42; Bright; 35.5; 119; 14Eta Dra ; 2.73; 4700;occ; 71; 0;41060  
10; 4090.3; 06-JAN-2010 14:01:27; Bright; 46.5; 39; 85Eta UMa ; 1.85; 24000;occ; 93; 0;41060  
11; 4354.9; 06-JAN-2010 14:05:52; Bright; 44.0; 180; 27Gam Boo ; 3.04; 8000;occ; 88; 0;41060  
12; 4591.9; 06-JAN-2010 14:09:49; Bright; 45.5; 83; ; 2.38; 11000;occ; 91; 0;41060  
13; 4916.8; 06-JAN-2010 14:15:14; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;41060  
14; 5234.6; 06-JAN-2010 14:20:32; Dark ; 43.5; 104; 27Bet Lib ; 2.61; 13100;occ; 87; 0;41060



15;	5405.7;	06-JAN-2010 14:23:23;	Dark ;	47.5;	122;	9Alp2Lib ;	2.75;	9700;occ;	95;	0;41060
16;	5828.6;	06-JAN-2010 14:30:26;	Dark ;	47.0;	54;	5The Cen ;	2.06;	4500;occ;	94;	0;41060
17;	5984.5;	06-JAN-2010 14:33:02;	Dark ;	40.5;	95;	Zet Cen ;	2.55;	26000;occ;	81;	0;41060
18;	6084.7;	06-JAN-2010 14:34:42;	Dark ;	40.5;	77;	Eps Cen ;	2.30;	28000;occ;	81;	0;41060
19;	6209.4;	06-JAN-2010 14:36:46;	Dark ;	45.5;	64;	Gam Cen ;	2.20;	10600;occ;	91;	0;41060
20;	6320.6;	06-JAN-2010 14:38:38;	Dark ;	59.5;	0;	;	0.00;	0;occ;	119;	0;41060
21;	6582.1;	06-JAN-2010 14:42:59;	Dark ;	49.5;	113;	Mu Vel ;	2.69;	5000;occ;	99;	0;41060
22;	6708.2;	06-JAN-2010 14:45:05;	Dark ;	49.5;	71;	Iot Car ;	2.25;	7700;occ;	99;	0;41060
23;	6822.4;	06-JAN-2010 14:46:59;	Dark ;	47.0;	46;	Del Vel ;	1.95;	10600;occ;	94;	0;41060
24;	6991.1;	06-JAN-2010 14:49:48;	Dark ;	42.5;	34;	Gam2Vel ;	1.79;	23000;occ;	85;	0;41060
25;	7121.8;	06-JAN-2010 14:51:59;	Dark ;	44.5;	70;	Zet Pup ;	2.25;	39000;occ;	89;	0;41060
26;	7235.9;	06-JAN-2010 14:53:53;	Dark ;	46.0;	117;	Pi Pup ;	2.71;	3800;occ;	92;	0;41060
27;	7397.4;	06-JAN-2010 14:56:34;	Dark ;	45.5;	23;	21Eps CMA ;	1.50;	26000;occ;	91;	0;41060
28;	7486.8;	06-JAN-2010 14:58:04;	Dark ;	42.0;	179;	240mi2CMA ;	3.03;	24000;occ;	84;	0;41060

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1;	1450.8;	06-JAN-2010 14:58:04;	Dark ;	42.5;	179;	240mi2CMA ;	3.03;	24000;occ;	85;	0;41061
2;	1591.6;	06-JAN-2010 15:00:24;	Dark ;	45.5;	1;	9Alp CMA ;	-1.44;	11000;occ;	91;	0;41061
3;	2030.9;	06-JAN-2010 15:07:44;	Dark ;	50.5;	14;	58Alp Ori ;	0.87;	3000;occ;	101;	0;41061
4;	2207.0;	06-JAN-2010 15:10:40;	Dark ;	48.0;	44;	24Gam Gem ;	1.93;	11000;occ;	96;	0;41061
5;	2307.0;	06-JAN-2010 15:12:20;	Bright;	48.5;	151;	13Mu Gem ;	2.89;	3000;occ;	97;	0;41061
6;	2550.8;	06-JAN-2010 15:16:24;	Bright;	37.5;	107;	37The Aur ;	2.65;	11000;occ;	75;	0;41061
7;	2683.8;	06-JAN-2010 15:18:37;	Bright;	38.5;	42;	34Bet Aur ;	1.90;	10200;occ;	77;	0;41061
8;	3682.1;	06-JAN-2010 15:35:15;	Bright;	40.5;	60;	7Bet UMi ;	2.08;	3950;occ;	81;	0;41061
9;	3924.5;	06-JAN-2010 15:39:17;	Bright;	38.0;	119;	14Eta Dra ;	2.73;	4700;occ;	76;	0;41061
10;	4090.2;	06-JAN-2010 15:42:03;	Bright;	50.5;	39;	85Eta UMA ;	1.85;	24000;occ;	101;	0;41061
11;	4355.1;	06-JAN-2010 15:46:28;	Bright;	50.0;	180;	27Gam Boo ;	3.04;	8000;occ;	100;	0;41061
12;	4592.3;	06-JAN-2010 15:50:25;	Bright;	66.0;	83;	;	2.38;	11000;occ;	132;	0;41061
13;	4917.1;	06-JAN-2010 15:55:50;	Bright;	38.5;	102;	24Alp Ser ;	2.60;	4250;occ;	77;	0;41061
14;	5235.1;	06-JAN-2010 16:01:08;	Dark ;	45.0;	104;	27Bet Lib ;	2.61;	13100;occ;	90;	0;41061
15;	5407.0;	06-JAN-2010 16:04:00;	Dark ;	44.5;	122;	9Alp2Lib ;	2.75;	9700;occ;	89;	0;41061
16;	5829.4;	06-JAN-2010 16:11:02;	Dark ;	52.5;	54;	5The Cen ;	2.06;	4500;occ;	105;	0;41061
17;	5985.4;	06-JAN-2010 16:13:38;	Dark ;	42.5;	95;	Zet Cen ;	2.55;	26000;occ;	85;	0;41061
18;	6085.4;	06-JAN-2010 16:15:18;	Dark ;	40.5;	77;	Eps Cen ;	2.30;	28000;occ;	81;	0;41061
19;	6210.3;	06-JAN-2010 16:17:23;	Dark ;	45.5;	64;	Gam Cen ;	2.20;	10600;occ;	91;	0;41061
20;	6321.6;	06-JAN-2010 16:19:14;	Dark ;	59.5;	0;	;	0.00;	0;occ;	119;	0;41061
21;	6583.1;	06-JAN-2010 16:23:36;	Dark ;	45.5;	113;	Mu Vel ;	2.69;	5000;occ;	91;	0;41061
22;	6708.6;	06-JAN-2010 16:25:42;	Dark ;	49.0;	71;	Iot Car ;	2.25;	7700;occ;	98;	0;41061
23;	6823.0;	06-JAN-2010 16:27:36;	Dark ;	47.5;	46;	Del Vel ;	1.95;	10600;occ;	95;	0;41061
24;	6991.6;	06-JAN-2010 16:30:25;	Dark ;	45.5;	34;	Gam2Vel ;	1.79;	23000;occ;	91;	0;41061
25;	7122.5;	06-JAN-2010 16:32:35;	Dark ;	44.0;	70;	Zet Pup ;	2.25;	39000;occ;	88;	0;41061
26;	7236.2;	06-JAN-2010 16:34:29;	Dark ;	45.0;	117;	Pi Pup ;	2.71;	3800;occ;	90;	0;41061

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1;	1211.7;	06-JAN-2010 16:34:41;	Dark ;	45.5;	117;	Pi Pup ;	2.71;	3800;occ;	91;	23;41062
2;	1361.5;	06-JAN-2010 16:37:10;	Dark ;	43.0;	23;	21Eps CMA ;	1.50;	26000;occ;	86;	0;41062
3;	1450.9;	06-JAN-2010 16:38:40;	Dark ;	43.5;	179;	240mi2CMA ;	3.03;	24000;occ;	87;	0;41062
4;	1591.7;	06-JAN-2010 16:41:01;	Dark ;	48.0;	1;	9Alp CMA ;	-1.44;	11000;occ;	96;	0;41062
5;	2031.0;	06-JAN-2010 16:48:20;	Dark ;	53.0;	14;	58Alp Ori ;	0.87;	3000;occ;	106;	0;41062
6;	2207.0;	06-JAN-2010 16:51:16;	Dark ;	47.5;	44;	24Gam Gem ;	1.93;	11000;occ;	95;	0;41062
7;	2306.9;	06-JAN-2010 16:52:56;	Bright;	46.0;	151;	13Mu Gem ;	2.89;	3000;occ;	92;	0;41062
8;	2550.7;	06-JAN-2010 16:57:00;	Bright;	37.0;	107;	37The Aur ;	2.65;	11000;occ;	74;	0;41062
9;	2683.6;	06-JAN-2010 16:59:12;	Bright;	38.0;	42;	34Bet Aur ;	1.90;	10200;occ;	76;	0;41062
10;	3681.8;	06-JAN-2010 17:15:51;	Bright;	40.0;	60;	7Bet UMi ;	2.08;	3950;occ;	80;	0;41062
11;	3924.5;	06-JAN-2010 17:19:53;	Bright;	47.0;	119;	14Eta Dra ;	2.73;	4700;occ;	94;	0;41062
12;	4089.8;	06-JAN-2010 17:22:39;	Bright;	70.0;	39;	85Eta UMA ;	1.85;	24000;occ;	140;	0;41062
13;	4355.0;	06-JAN-2010 17:27:04;	Bright;	66.0;	180;	27Gam Boo ;	3.04;	8000;occ;	132;	0;41062
14;	4592.9;	06-JAN-2010 17:31:02;	Bright;	66.0;	83;	;	2.38;	11000;occ;	132;	0;41062
15;	4917.6;	06-JAN-2010 17:36:26;	Bright;	36.5;	102;	24Alp Ser ;	2.60;	4250;occ;	73;	0;41062
16;	5235.5;	06-JAN-2010 17:41:44;	Dark ;	47.5;	104;	27Bet Lib ;	2.61;	13100;occ;	95;	0;41062
17;	5407.3;	06-JAN-2010 17:44:36;	Dark ;	48.0;	122;	9Alp2Lib ;	2.75;	9700;occ;	96;	0;41062
18;	5830.4;	06-JAN-2010 17:51:39;	Dark ;	54.5;	54;	5The Cen ;	2.06;	4500;occ;	109;	0;41062
19;	5986.1;	06-JAN-2010 17:54:15;	Dark ;	42.0;	95;	Zet Cen ;	2.55;	26000;occ;	84;	0;41062
20;	6086.0;	06-JAN-2010 17:55:55;	Dark ;	40.0;	77;	Eps Cen ;	2.30;	28000;occ;	80;	0;41062
21;	6211.1;	06-JAN-2010 17:58:00;	Dark ;	45.5;	64;	Gam Cen ;	2.20;	10600;occ;	91;	0;41062
22;	6322.5;	06-JAN-2010 17:59:51;	Dark ;	59.5;	0;	;	0.00;	0;occ;	119;	0;41062
23;	6584.1;	06-JAN-2010 18:04:13;	Dark ;	45.5;	113;	Mu Vel ;	2.69;	5000;occ;	91;	0;41062
24;	6709.3;	06-JAN-2010 18:06:18;	Dark ;	41.5;	71;	Iot Car ;	2.25;	7700;occ;	83;	0;41062
25;	6823.4;	06-JAN-2010 18:08:12;	Dark ;	43.5;	46;	Del Vel ;	1.95;	10600;occ;	87;	0;41062

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1;	819.3;	06-JAN-2010	18:08:44;	Dark ;	44.0;	46;	Del Vel ;	1.95;	10600;occ;	88;	64;41063
2;	956.2;	06-JAN-2010	18:11:01;	Dark ;	46.0;	34;	Gam2Vel ;	1.79;	23000;occ;	92;	0;41063
3;	1087.1;	06-JAN-2010	18:13:12;	Dark ;	46.5;	70;	Zet Pup ;	2.25;	39000;occ;	93;	0;41063
4;	1200.5;	06-JAN-2010	18:15:05;	Dark ;	44.5;	117;	Pi Pup ;	2.71;	3800;occ;	89;	0;41063
5;	1362.0;	06-JAN-2010	18:17:47;	Dark ;	44.5;	23;	21Eps CMa ;	1.50;	26000;occ;	89;	0;41063
6;	1450.8;	06-JAN-2010	18:19:16;	Dark ;	42.5;	179;	240mi2CMa ;	3.03;	24000;occ;	85;	0;41063
7;	1591.7;	06-JAN-2010	18:21:37;	Dark ;	47.5;	1;	9Alp CMa ;	-1.44;	11000;occ;	95;	0;41063
8;	2030.8;	06-JAN-2010	18:28:56;	Dark ;	51.0;	14;	58Alp Ori ;	0.87;	3000;occ;	102;	0;41063
9;	2206.5;	06-JAN-2010	18:31:51;	Dark ;	49.0;	44;	24Gam Gem ;	1.93;	11000;occ;	98;	0;41063
10;	2306.6;	06-JAN-2010	18:33:31;	Bright;	47.0;	151;	13Mu Gem ;	2.89;	3000;occ;	94;	0;41063
11;	2550.4;	06-JAN-2010	18:37:35;	Bright;	37.0;	107;	37The Aur ;	2.65;	11000;occ;	74;	0;41063
12;	2683.4;	06-JAN-2010	18:39:48;	Bright;	38.0;	42;	34Bet Aur ;	1.90;	10200;occ;	76;	0;41063
13;	3681.7;	06-JAN-2010	18:56:27;	Bright;	36.0;	60;	7Bet UMi ;	2.08;	3950;occ;	72;	0;41063
14;	3924.6;	06-JAN-2010	19:00:30;	Bright;	36.5;	119;	14Eta Dra ;	2.73;	4700;occ;	73;	0;41063
15;	4089.4;	06-JAN-2010	19:03:14;	Bright;	50.0;	39;	85Eta UMA ;	1.85;	24000;occ;	100;	0;41063
16;	4355.1;	06-JAN-2010	19:07:40;	Bright;	44.5;	180;	27Gam Boo ;	3.04;	8000;occ;	89;	0;41063
17;	4592.9;	06-JAN-2010	19:11:38;	Bright;	47.0;	83;		2.38;	11000;occ;	94;	0;41063
18;	4917.8;	06-JAN-2010	19:17:03;	Bright;	56.0;	102;	24Alp Ser ;	2.60;	4250;occ;	112;	0;41063
19;	5236.1;	06-JAN-2010	19:22:21;	Dark ;	45.0;	104;	27Bet Lib ;	2.61;	13100;occ;	90;	0;41063
20;	5408.2;	06-JAN-2010	19:25:13;	Dark ;	45.0;	122;	9Alp2Lib ;	2.75;	9700;occ;	90;	0;41063
21;	5831.1;	06-JAN-2010	19:32:16;	Dark ;	52.0;	54;	5The Cen ;	2.06;	4500;occ;	104;	0;41063
22;	5986.7;	06-JAN-2010	19:34:52;	Dark ;	41.0;	95;	Zet Cen ;	2.55;	26000;occ;	82;	0;41063
23;	6086.5;	06-JAN-2010	19:36:31;	Dark ;	42.5;	77;	Eps Cen ;	2.30;	28000;occ;	85;	0;41063
24;	6249.3;	06-JAN-2010	19:39:14;	Dark ;	42.5;	20;	Bet Cru ;	1.25;	30000;occ;	85;	0;41063
25;	6323.4;	06-JAN-2010	19:40:28;	Dark ;	59.5;	0;		0.00;	0;occ;	119;	0;41063
26;	6585.0;	06-JAN-2010	19:44:50;	Dark ;	56.5;	113;	Mu Vel ;	2.69;	5000;occ;	113;	0;41063
27;	6709.7;	06-JAN-2010	19:46:55;	Dark ;	48.0;	71;	Iot Car ;	2.25;	7700;occ;	96;	0;41063
28;	6823.8;	06-JAN-2010	19:48:49;	Dark ;	47.0;	46;	Del Vel ;	1.95;	10600;occ;	94;	0;41063
29;	6992.1;	06-JAN-2010	19:51:37;	Dark ;	21.5;	34;	Gam2Vel ;	1.79;	23000;occ;	43;	0;41063

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1;	-625.7;	07-JAN-2010	00:27:03;	Dark ;	44.5;	122;	9Alp2Lib ;	2.75;	9700;occ;	89;	0;41066
2;	-202.4;	07-JAN-2010	00:34:06;	Dark ;	48.5;	54;	5The Cen ;	2.06;	4500;occ;	97;	0;41066
3;	-47.2;	07-JAN-2010	00:36:41;	Dark ;	43.5;	95;	Zet Cen ;	2.55;	26000;occ;	87;	0;41066
4;	52.2;	07-JAN-2010	00:38:21;	Dark ;	44.5;	77;	Eps Cen ;	2.30;	28000;occ;	89;	0;41067
5;	214.9;	07-JAN-2010	00:41:03;	Dark ;	40.0;	20;	Bet Cru ;	1.25;	30000;occ;	80;	0;41067
6;	290.3;	07-JAN-2010	00:42:19;	Dark ;	59.5;	0;		0.00;	0;occ;	119;	0;41067
7;	551.4;	07-JAN-2010	00:46:40;	Dark ;	51.0;	113;	Mu Vel ;	2.69;	5000;occ;	102;	0;41067
8;	674.9;	07-JAN-2010	00:48:43;	Dark ;	46.0;	71;	Iot Car ;	2.25;	7700;occ;	92;	0;41067
9;	789.1;	07-JAN-2010	00:50:38;	Dark ;	44.0;	46;	Del Vel ;	1.95;	10600;occ;	88;	0;41067
10;	957.5;	07-JAN-2010	00:53:26;	Dark ;	43.5;	34;	Gam2Vel ;	1.79;	23000;occ;	87;	0;41067
11;	1088.5;	07-JAN-2010	00:55:37;	Dark ;	43.5;	70;	Zet Pup ;	2.25;	39000;occ;	87;	0;41067
12;	1201.5;	07-JAN-2010	00:57:30;	Dark ;	44.0;	117;	Pi Pup ;	2.71;	3800;occ;	88;	0;41067
13;	1362.3;	07-JAN-2010	01:00:11;	Dark ;	46.0;	23;	21Eps CMa ;	1.50;	26000;occ;	92;	0;41067
14;	1451.5;	07-JAN-2010	01:01:40;	Dark ;	40.5;	179;	240mi2CMa ;	3.03;	24000;occ;	81;	0;41067
15;	1592.0;	07-JAN-2010	01:04:00;	Dark ;	46.5;	1;	9Alp CMa ;	-1.44;	11000;occ;	93;	0;41067
16;	2030.8;	07-JAN-2010	01:11:19;	Dark ;	53.0;	14;	58Alp Ori ;	0.87;	3000;occ;	106;	0;41067
17;	2205.4;	07-JAN-2010	01:14:14;	Dark ;	47.5;	44;	24Gam Gem ;	1.93;	11000;occ;	95;	0;41067
18;	2305.8;	07-JAN-2010	01:15:54;	Bright;	44.5;	151;	13Mu Gem ;	2.89;	3000;occ;	89;	0;41067
19;	2549.6;	07-JAN-2010	01:19:58;	Bright;	37.5;	107;	37The Aur ;	2.65;	11000;occ;	75;	0;41067
20;	2682.6;	07-JAN-2010	01:22:11;	Bright;	38.5;	42;	34Bet Aur ;	1.90;	10200;occ;	77;	0;41067
21;	3681.1;	07-JAN-2010	01:38:50;	Bright;	41.5;	60;	7Bet UMi ;	2.08;	3950;occ;	83;	0;41067
22;	3924.3;	07-JAN-2010	01:42:53;	Bright;	41.5;	119;	14Eta Dra ;	2.73;	4700;occ;	83;	0;41067
23;	4088.4;	07-JAN-2010	01:45:37;	Bright;	44.5;	39;	85Eta UMA ;	1.85;	24000;occ;	89;	0;41067
24;	4354.9;	07-JAN-2010	01:50:03;	Bright;	62.0;	180;	27Gam Boo ;	3.04;	8000;occ;	124;	0;41067
25;	4593.8;	07-JAN-2010	01:54:02;	Bright;	67.0;	83;		2.38;	11000;occ;	134;	0;41067
26;	4919.1;	07-JAN-2010	01:59:28;	Bright;	36.5;	102;	24Alp Ser ;	2.60;	4250;occ;	73;	0;41067

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1;	-797.3;	07-JAN-2010	02:04:47;	Dark ;	47.5;	104;	27Bet Lib ;	2.61;	13100;occ;	95;	0;41067
2;	-624.9;	07-JAN-2010	02:07:40;	Dark ;	47.0;	122;	9Alp2Lib ;	2.75;	9700;occ;	94;	0;41067
3;	-201.5;	07-JAN-2010	02:14:43;	Dark ;	46.0;	54;	5The Cen ;	2.06;	4500;occ;	92;	0;41067
4;	-46.6;	07-JAN-2010	02:17:18;	Dark ;	42.5;	95;	Zet Cen ;	2.55;	26000;occ;	85;	0;41067
5;	53.0;	07-JAN-2010	02:18:57;	Dark ;	39.5;	77;	Eps Cen ;	2.30;	28000;occ;	79;	0;41068
6;	215.6;	07-JAN-2010	02:21:40;	Dark ;	41.5;	20;	Bet Cru ;	1.25;	30000;occ;	83;	0;41068
7;	291.2;	07-JAN-2010	02:22:56;	Dark ;	59.5;	0;		0.00;	0;occ;	119;	0;41068
8;	552.3;	07-JAN-2010	02:27:17;	Dark ;	49.5;	113;	Mu Vel ;	2.69;	5000;occ;	99;	0;41068
9;	675.6;	07-JAN-2010	02:29:20;	Dark ;	48.5;	71;	Iot Car ;	2.25;	7700;occ;	97;	0;41068
10;	789.7;	07-JAN-2010	02:31:14;	Dark ;	43.5;	46;	Del Vel ;	1.95;	10600;occ;	87;	0;41068
11;	957.9;	07-JAN-2010	02:34:02;	Dark ;	45.0;	34;	Gam2Vel ;	1.79;	23000;occ;	90;	0;41068

12;	1088.8;	07-JAN-2010 02:36:13;	Dark ;	46.0;	70;	Zet Pup ;	2.25;	39000;occ;	92;	0;41068
13;	1202.1;	07-JAN-2010 02:38:06;	Dark ;	47.0;	117;	Pi Pup ;	2.71;	3800;occ;	94;	0;41068
14;	1362.7;	07-JAN-2010 02:40:47;	Dark ;	44.5;	23;	21Eps CMa ;	1.50;	26000;occ;	89;	0;41068
15;	1451.8;	07-JAN-2010 02:42:16;	Dark ;	42.5;	179;	24Omi2CMa ;	3.03;	24000;occ;	85;	0;41068
16;	1592.3;	07-JAN-2010 02:44:37;	Dark ;	48.0;	1;	9Alp CMa ;	-1.44;	11000;occ;	96;	0;41068
17;	2031.0;	07-JAN-2010 02:51:55;	Dark ;	51.5;	14;	58Alp Ori ;	0.87;	3000;occ;	103;	0;41068
18;	2205.3;	07-JAN-2010 02:54:50;	Dark ;	47.0;	44;	24Gam Gem ;	1.93;	11000;occ;	94;	0;41068
19;	2305.5;	07-JAN-2010 02:56:30;	Bright;	46.0;	151;	13Mu Gem ;	2.89;	3000;occ;	92;	0;41068
20;	2549.7;	07-JAN-2010 03:00:34;	Bright;	38.5;	107;	37The Aur ;	2.65;	11000;occ;	77;	0;41068
21;	2682.6;	07-JAN-2010 03:02:47;	Bright;	37.5;	42;	34Bet Aur ;	1.90;	10200;occ;	75;	0;41068
22;	3681.2;	07-JAN-2010 03:19:26;	Bright;	34.5;	60;	7Bet UMi ;	2.08;	3950;occ;	69;	0;41068
23;	3924.5;	07-JAN-2010 03:23:29;	Bright;	1.0;	119;	14Eta Dra ;	2.73;	4700;occ;	2;	0;41068
/nas3/ENVIAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100107_032329_000057962085_00433_41068_9285.N1										
1;	-2111.4;	07-JAN-2010 03:23:29;	Bright;	40.5;	119;	14Eta Dra ;	2.73;	4700;occ;	81;	0;41068
2;	-1947.7;	07-JAN-2010 03:26:13;	Bright;	50.0;	39;	85Eta UMa ;	1.85;	24000;occ;	100;	0;41068
3;	-1680.9;	07-JAN-2010 03:30:39;	Bright;	53.0;	180;	27Gam Boo ;	3.04;	8000;occ;	106;	0;41068
4;	-1442.1;	07-JAN-2010 03:34:38;	Bright;	46.0;	83;		2.38;	11000;occ;	92;	0;41068
5;	-1116.1;	07-JAN-2010 03:40:04;	Bright;	56.0;	102;	24Alp Ser ;	2.60;	4250;occ;	112;	0;41068
6;	-797.1;	07-JAN-2010 03:45:23;	Dark ;	47.0;	104;	27Bet Lib ;	2.61;	13100;occ;	94;	0;41068
7;	-624.0;	07-JAN-2010 03:48:16;	Dark ;	45.5;	122;	9Alp2Lib ;	2.75;	9700;occ;	91;	0;41068
8;	-200.6;	07-JAN-2010 03:55:20;	Dark ;	47.0;	54;	5The Cen ;	2.06;	4500;occ;	94;	0;41068
9;	-45.8;	07-JAN-2010 03:57:55;	Dark ;	41.5;	95;	Zet Cen ;	2.55;	26000;occ;	83;	0;41068
10;	53.8;	07-JAN-2010 03:59:34;	Dark ;	40.0;	77;	Eps Cen ;	2.30;	28000;occ;	80;	0;41069
11;	216.2;	07-JAN-2010 04:02:17;	Dark ;	39.5;	20;	Bet Cru ;	1.25;	30000;occ;	79;	0;41069
12;	292.2;	07-JAN-2010 04:03:33;	Dark ;	59.5;	0;		0.00;	0;occ;	119;	0;41069
13;	553.3;	07-JAN-2010 04:07:54;	Dark ;	46.5;	113;	Mu Vel ;	2.69;	5000;occ;	93;	0;41069
14;	676.2;	07-JAN-2010 04:09:57;	Dark ;	39.5;	71;	Iot Car ;	2.25;	7700;occ;	79;	0;41069
15;	790.3;	07-JAN-2010 04:11:51;	Dark ;	40.5;	46;	Del Vel ;	1.95;	10600;occ;	81;	0;41069
16;	958.6;	07-JAN-2010 04:14:39;	Dark ;	45.0;	34;	Gam2Vel ;	1.79;	23000;occ;	90;	0;41069
17;	1089.5;	07-JAN-2010 04:16:50;	Dark ;	45.5;	70;	Zet Pup ;	2.25;	39000;occ;	91;	0;41069
18;	1202.6;	07-JAN-2010 04:18:43;	Dark ;	44.0;	117;	Pi Pup ;	2.71;	3800;occ;	88;	0;41069
19;	1363.2;	07-JAN-2010 04:21:24;	Dark ;	45.5;	23;	21Eps CMa ;	1.50;	26000;occ;	91;	0;41069
20;	1452.1;	07-JAN-2010 04:22:52;	Dark ;	44.0;	179;	24Omi2CMa ;	3.03;	24000;occ;	88;	0;41069
21;	1592.5;	07-JAN-2010 04:25:13;	Dark ;	49.0;	1;	9Alp CMa ;	-1.44;	11000;occ;	98;	0;41069
22;	2031.0;	07-JAN-2010 04:32:31;	Dark ;	53.0;	14;	58Alp Ori ;	0.87;	3000;occ;	106;	0;41069
23;	2205.3;	07-JAN-2010 04:35:26;	Dark ;	45.5;	44;	24Gam Gem ;	1.93;	11000;occ;	91;	0;41069
24;	2305.5;	07-JAN-2010 04:37:06;	Bright;	46.0;	151;	13Mu Gem ;	2.89;	3000;occ;	92;	0;41069
25;	2549.8;	07-JAN-2010 04:41:10;	Bright;	38.5;	107;	37The Aur ;	2.65;	11000;occ;	77;	0;41069
26;	2682.8;	07-JAN-2010 04:43:23;	Bright;	38.0;	42;	34Bet Aur ;	1.90;	10200;occ;	76;	0;41069
27;	3681.1;	07-JAN-2010 05:00:01;	Bright;	3.5;	60;	7Bet UMi ;	2.08;	3950;occ;	7;	0;41069
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5;	-1441.7;	07-JAN-2010 05:15:15;	Bright;	67.0;	83;		2.38;	11000;occ;	134;	0;41069
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13;	293.1;	07-JAN-2010 05:44:09;	Dark ;	59.5;	0;		0.00;	0;occ;	119;	0;41070
14;	554.0;	07-JAN-2010 05:48:30;	Dark ;	45.5;	113;	Mu Vel ;	2.69;	5000;occ;	91;	0;41070
15;	676.7;	07-JAN-2010 05:50:33;	Dark ;	41.0;	71;	Iot Car ;	2.25;	7700;occ;	82;	0;41070
16;	791.0;	07-JAN-2010 05:52:27;	Dark ;	45.5;	46;	Del Vel ;	1.95;	10600;occ;	91;	0;41070
17;	959.1;	07-JAN-2010 05:55:16;	Dark ;	46.0;	34;	Gam2Vel ;	1.79;	23000;occ;	92;	0;41070
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19;	1202.6;	07-JAN-2010 05:59:19;	Dark ;	46.5;	117;	Pi Pup ;	2.71;	3800;occ;	93;	0;41070
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21;	1452.2;	07-JAN-2010 06:03:29;	Dark ;	41.5;	179;	24Omi2CMa ;	3.03;	24000;occ;	83;	0;41070
22;	1592.6;	07-JAN-2010 06:05:49;	Dark ;	46.5;	1;	9Alp CMa ;	-1.44;	11000;occ;	93;	0;41070
23;	2031.0;	07-JAN-2010 06:13:07;	Dark ;	53.0;	14;	58Alp Ori ;	0.87;	3000;occ;	106;	0;41070
24;	2205.1;	07-JAN-2010 06:16:01;	Dark ;	45.5;	44;	24Gam Gem ;	1.93;	11000;occ;	91;	0;41070
25;	2305.6;	07-JAN-2010 06:17:42;	Bright;	47.0;	151;	13Mu Gem ;	2.89;	3000;occ;	94;	0;41070
26;	2549.6;	07-JAN-2010 06:21:46;	Bright;	37.5;	107;	37The Aur ;	2.65;	11000;occ;	75;	0;41070
27;	2682.5;	07-JAN-2010 06:23:59;	Bright;	36.5;	42;	34Bet Aur ;	1.90;	10200;occ;	73;	0;41070

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6; 681.7; 07-JAN-2010 22:36:37; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;41080  
7; 767.2; 07-JAN-2010 22:38:03; Dark ; 45.0; 41; Eps Car ; 1.86; 4100;occ; 90; 0;41080  
8; 963.3; 07-JAN-2010 22:41:19; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;41080  
9; 1094.2; 07-JAN-2010 22:43:30; Dark ; 43.5; 70; Zet Pup ; 2.25; 39000;occ; 87; 0;41080  
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17; 2395.2; 07-JAN-2010 23:05:11; Bright; 38.5; 28; 12Bet Tau ; 1.65; 15200;occ; 77; 0;41080  
18; 2547.9; 07-JAN-2010 23:07:44; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;41080  
19; 2680.9; 07-JAN-2010 23:09:57; Bright; 36.0; 42; 34Bet Aur ; 1.90; 10200;occ; 72; 0;41080  
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22; 3924.5; 07-JAN-2010 23:30:40; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;41080  
23; 4437.5; 07-JAN-2010 23:39:13; Bright; 33.0; 133; 40Zet Her ; 2.81; 6000;occ; 66; 0;41080  
24; 4565.0; 07-JAN-2010 23:41:21; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;41080  
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26; 5057.7; 07-JAN-2010 23:49:33; Bright; 34.0; 120; 1Del Oph ; 2.73; 3200;occ; 68; 0;41080  
27; 5245.9; 07-JAN-2010 23:52:42; Dark ; 46.5; 104; 27Bet Lib ; 2.61; 13100;occ; 93; 0;41080

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5; 223.3; 08-JAN-2010 00:09:35; Dark ; 40.5; 20; Bet Cru ; 1.25; 30000;occ; 81; 0;41081  
6; 303.5; 08-JAN-2010 00:10:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41081  
7; 481.9; 08-JAN-2010 00:13:53; Dark ; 38.5; 124; The Car ; 2.76; 30000;occ; 77; 0;41081  
8; 574.7; 08-JAN-2010 00:15:26; Dark ; 40.0; 159; Ups Car ; 2.92; 7200;occ; 80; 0;41081  
9; 682.1; 08-JAN-2010 00:17:14; Dark ; 44.0; 71; Iot Car ; 2.25; 7700;occ; 88; 0;41081  
10; 767.6; 08-JAN-2010 00:18:39; Dark ; 46.5; 41; Eps Car ; 1.86; 4100;occ; 93; 0;41081  
11; 963.8; 08-JAN-2010 00:21:55; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;41081  
12; 1094.6; 08-JAN-2010 00:24:06; Dark ; 42.0; 70; Zet Pup ; 2.25; 39000;occ; 84; 0;41081  
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23; 4924.4; 08-JAN-2010 01:27:56; Bright; 57.0; 102; 24Alp Ser ; 2.60; 4250;occ; 114; 0;41081  
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5; 2682.4; 07-JAN-2010 08:04:35; Bright; 38.0; 42; 34Bet Aur ; 1.90; 10200;occ; 76; 0;41071  
6; 3681.0; 07-JAN-2010 08:21:13; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;41071  
7; 3924.6; 07-JAN-2010 08:25:17; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;41071  
8; 4087.2; 07-JAN-2010 08:27:59; Bright; 52.5; 39; 85Eta UMA ; 1.85; 24000;occ; 105; 0;41071  
9; 4355.1; 07-JAN-2010 08:32:27; Bright; 43.5; 180; 27Gam Boo ; 3.04; 8000;occ; 87; 0;41071  
10; 4594.8; 07-JAN-2010 08:36:27; Bright; 67.0; 83; ; 2.38; 11000;occ; 134; 0;41071  
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13; 5413.9; 07-JAN-2010 08:50:06; Dark ; 46.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 92; 0;41071  
14; 5838.0; 07-JAN-2010 08:57:10; Dark ; 49.5; 54; 5The Cen ; 2.06; 4500;occ; 99; 0;41071





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3; 2031.3; 07-JAN-2010 14:36:07; Dark ; 51.0; 14; 58Alp Ori ; 0.87; 3000;occ; 102; 0;41075
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5; 2304.7; 07-JAN-2010 14:40:41; Bright; 45.5; 151; 13Mu Gem ; 2.89; 3000;occ; 91; 0;41075
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7; 2682.0; 07-JAN-2010 14:46:58; Bright; 40.0; 42; 34Bet Aur ; 1.90; 10200;occ; 80; 0;41075
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11; 4355.3; 07-JAN-2010 15:14:51; Bright; 49.0; 180; 27Gam Boo ; 3.04; 8000;occ; 98; 0;41075
12; 4595.7; 07-JAN-2010 15:18:52; Bright; 48.5; 83; ; 2.38; 11000;occ; 97; 0;41075
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28; 2190.3; 14-JAN-2010 05:55:39; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;41170  
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31; 2672.7; 14-JAN-2010 06:03:42; Bright; 37.0; 42; 34Bet Aur ; 1.90; 10200;occ; 74; 0;41170  
32; 3424.8; 14-JAN-2010 06:16:14; Bright; 38.5; 49; 1Alp UMi ; 1.99; 6300;occ; 77; 0;41170  
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23; 4966.8; 14-JAN-2010 23:27:55; Bright; 45.0; 102; 24Alp Ser ; 2.60; 4250;occ; 90; 0;41180  
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27; 4638.4; 15-JAN-2010 01:03:03; Bright; 55.0; 127; 27Bet Her ; 2.78; 4700;occ; 110; 0;41181  
28; 4967.4; 15-JAN-2010 01:08:32; Bright; 61.0; 102; 24Alp Ser ; 2.60; 4250;occ; 122; 0;41181  
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30; 5177.7; 15-JAN-2010 01:12:02; Bright; 53.0; 98; 13Zet Oph ; 2.57; 30000;occ; 106; 0;41181  
31; 5314.4; 15-JAN-2010 01:14:19; Dark ; 17.0; 104; 27Bet Lib ; 2.61; 13100;occ; 34; 0;41181

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12; 465.7; 20-JAN-2010 03:57:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41255  
13; 567.2; 20-JAN-2010 03:59:30; Dark ; 37.5; 124; The Car ; 2.76; 30000;occ; 75; 0;41255  
14; 648.0; 20-JAN-2010 04:00:51; Dark ; 38.0; 159; Ups Car ; 2.92; 7200;occ; 76; 0;41255  
15; 761.3; 20-JAN-2010 04:02:44; Dark ; 46.5; 71; Iot Car ; 2.25; 7700;occ; 93; 0;41255  
16; 871.6; 20-JAN-2010 04:04:34; Dark ; 41.0; 46; Del Vel ; 1.95; 10600;occ; 82; 0;41255  
17; 1031.1; 20-JAN-2010 04:07:14; Dark ; 41.0; 34; Gam2Vel ; 1.79; 23000;occ; 82; 0;41255  
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19; 1253.1; 20-JAN-2010 04:10:56; Dark ; 41.0; 117; Pi Pup ; 2.71; 3800;occ; 82; 0;41255  
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21; 1487.2; 20-JAN-2010 04:14:50; Dark ; 40.0; 179; 24Omi2CMa ; 3.03; 24000;occ; 80; 0;41255  
22; 1618.4; 20-JAN-2010 04:17:01; Dark ; 44.5; 1; 9Alp CMa ; -1.44; 11000;occ; 89; 0;41255  
23; 2002.3; 20-JAN-2010 04:23:25; Dark ; 49.5; 8; 10Alp CMi ; 0.40; 6500;occ; 99; 0;41255  
24; 2186.4; 20-JAN-2010 04:26:29; Dark ; 38.5; 44; 24Gam Gem ; 1.93; 11000;occ; 77; 0;41255  
25; 2291.2; 20-JAN-2010 04:28:14; Bright; 47.5; 151; 13Mu Gem ; 2.89; 3000;occ; 95; 0;41255  
26; 2493.8; 20-JAN-2010 04:31:36; Bright; 42.5; 24; 66Alp Gem ; 1.58; 10200;occ; 85; 0;41255  
27; 2672.4; 20-JAN-2010 04:34:35; Bright; 36.5; 42; 34Bet Aur ; 1.90; 10200;occ; 73; 0;41255  
28; 3425.8; 20-JAN-2010 04:47:08; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;41255  
29; 3650.9; 20-JAN-2010 04:50:53; Bright; 32.0; 60; 7Bet UMi ; 2.08; 3950;occ; 64; 0;41255

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11; -121.6; 20-JAN-2010 05:28:37; Dark ; 43.5; 109; Bet Lup ; 2.68; 26000;occ; 87; 0;41255  
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13; 108.4; 20-JAN-2010 05:32:27; Dark ; 54.0; 4; Alp1Cen ; -0.01; 5800;occ; 108; 0;41256  
14; 377.9; 20-JAN-2010 05:36:56; Dark ; 40.5; 12; Alp1Cru ; 0.77; 30000;occ; 81; 0;41256  
15; 466.6; 20-JAN-2010 05:38:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41256  
16; 567.6; 20-JAN-2010 05:40:06; Dark ; 37.5; 124; The Car ; 2.76; 30000;occ; 75; 0;41256  
17; 648.2; 20-JAN-2010 05:41:27; Dark ; 40.0; 159; Ups Car ; 2.92; 7200;occ; 80; 0;41256  
18; 1158.9; 20-JAN-2010 05:49:58; Dark ; 43.0; 70; Zet Pup ; 2.25; 39000;occ; 86; 0;41256  
19; 1253.2; 20-JAN-2010 05:51:32; Dark ; 43.5; 117; Pi Pup ; 2.71; 3800;occ; 87; 0;41256  
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21; 1487.3; 20-JAN-2010 05:55:26; Dark ; 40.5; 179; 24Omi2CMa ; 3.03; 24000;occ; 81; 0;41256  
22; 1618.5; 20-JAN-2010 05:57:37; Dark ; 45.0; 1; 9Alp CMa ; -1.44; 11000;occ; 90; 0;41256  
23; 2186.4; 20-JAN-2010 06:07:05; Dark ; 36.0; 44; 24Gam Gem ; 1.93; 11000;occ; 72; 0;41256  
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25; 2437.6; 20-JAN-2010 06:11:16; Bright; 27.0; 17; 78Bet Gem ; 1.16; 4500;occ; 54; 0;41256  
26; 2493.6; 20-JAN-2010 06:12:12; Bright; 59.0; 24; 66Alp Gem ; 1.58; 10200;occ; 118; 0;41256

27; 2672.1; 20-JAN-2010 06:15:11; Bright; 52.0; 42; 34Bet Aur ; 1.90; 10200;occ; 104; 0;41256  
 28; 3425.9; 20-JAN-2010 06:27:44; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;41256  
 29; 3650.8; 20-JAN-2010 06:31:29; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;41256

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 4; 1255.3; 20-JAN-2010 20:56:57; Dark ; 42.0; 117; Pi Pup ; 2.71; 3800;occ; 84; 0;41265  
 5; 1405.1; 20-JAN-2010 20:59:27; Dark ; 42.0; 23; 21Eps CMa ; 1.50; 26000;occ; 84; 0;41265  
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 9; 2186.2; 20-JAN-2010 21:12:28; Dark ; 51.0; 44; 24Gam Gem ; 1.93; 11000;occ; 102; 0;41265  
 10; 2291.4; 20-JAN-2010 21:14:13; Bright; 41.0; 151; 13Mu Gem ; 2.89; 3000;occ; 82; 0;41265  
 11; 2433.9; 20-JAN-2010 21:16:36; Bright; 46.5; 17; 78Bet Gem ; 1.16; 4500;occ; 93; 0;41265  
 12; 2672.5; 20-JAN-2010 21:20:34; Bright; 36.5; 42; 34Bet Aur ; 1.90; 10200;occ; 73; 0;41265  
 13; 3425.7; 20-JAN-2010 21:33:08; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;41265  
 14; 3649.0; 20-JAN-2010 21:36:51; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;41265  
 15; 3916.8; 20-JAN-2010 21:41:19; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;41265  
 16; 4082.9; 20-JAN-2010 21:44:05; Bright; 36.5; 130; 23Bet Dra ; 2.80; 5800;occ; 73; 0;41265  
 17; 4464.6; 20-JAN-2010 21:50:27; Bright; 56.0; 133; 40Zet Her ; 2.81; 6000;occ; 112; 0;41265  
 18; 4658.1; 20-JAN-2010 21:53:40; Bright; 58.0; 127; 27Bet Her ; 2.78; 4700;occ; 116; 0;41265  
 19; 5135.2; 20-JAN-2010 22:01:37; Bright; 49.0; 120; 1Del Oph ; 2.73; 3200;occ; 98; 0;41265

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 5; -24.3; 20-JAN-2010 22:16:14; Dark ; 41.5; 78; Alp Lup ; 2.30; 28000;occ; 83; 0;41265  
 6; 383.3; 20-JAN-2010 22:23:01; Dark ; 41.0; 12; Alp1Cru ; 0.77; 30000;occ; 82; 0;41266  
 7; 475.6; 20-JAN-2010 22:24:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41266  
 8; 572.3; 20-JAN-2010 22:26:10; Dark ; 37.5; 124; The Car ; 2.76; 30000;occ; 75; 0;41266  
 9; 651.9; 20-JAN-2010 22:27:30; Dark ; 39.0; 159; Ups Car ; 2.92; 7200;occ; 78; 0;41266  
 10; 765.3; 20-JAN-2010 22:29:23; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;41266  
 11; 875.4; 20-JAN-2010 22:31:13; Dark ; 43.5; 46; Del Vel ; 1.95; 10600;occ; 87; 0;41266  
 12; 1255.4; 20-JAN-2010 22:37:33; Dark ; 44.0; 117; Pi Pup ; 2.71; 3800;occ; 88; 0;41266  
 13; 1405.3; 20-JAN-2010 22:40:03; Dark ; 42.5; 23; 21Eps CMa ; 1.50; 26000;occ; 85; 0;41266  
 14; 1489.0; 20-JAN-2010 22:41:27; Dark ; 40.5; 179; 240mi2CMa ; 3.03; 24000;occ; 81; 0;41266  
 15; 1619.8; 20-JAN-2010 22:43:38; Dark ; 42.0; 1; 9Alp CMa ; -1.44; 11000;occ; 84; 0;41266  
 16; 2000.6; 20-JAN-2010 22:49:59; Dark ; 52.0; 8; 10Alp CMi ; 0.40; 6500;occ; 104; 0;41266  
 17; 2186.4; 20-JAN-2010 22:53:04; Dark ; 52.0; 44; 24Gam Gem ; 1.93; 11000;occ; 104; 0;41266  
 18; 2291.6; 20-JAN-2010 22:54:49; Bright; 41.5; 151; 13Mu Gem ; 2.89; 3000;occ; 83; 0;41266  
 19; 2433.4; 20-JAN-2010 22:57:11; Bright; 46.5; 17; 78Bet Gem ; 1.16; 4500;occ; 93; 0;41266  
 20; 2672.6; 20-JAN-2010 23:01:11; Bright; 36.5; 42; 34Bet Aur ; 1.90; 10200;occ; 73; 0;41266  
 21; 3426.0; 20-JAN-2010 23:13:44; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;41266  
 22; 3648.9; 20-JAN-2010 23:17:27; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;41266  
 23; 3916.9; 20-JAN-2010 23:21:55; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;41266  
 24; 4082.8; 20-JAN-2010 23:24:41; Bright; 37.0; 130; 23Bet Dra ; 2.80; 5800;occ; 74; 0;41266  
 25; 4465.0; 20-JAN-2010 23:31:03; Bright; 56.0; 133; 40Zet Her ; 2.81; 6000;occ; 112; 0;41266  
 26; 4658.6; 20-JAN-2010 23:34:16; Bright; 39.5; 127; 27Bet Her ; 2.78; 4700;occ; 79; 0;41266  
 27; 5136.0; 20-JAN-2010 23:42:14; Bright; 47.5; 120; 1Del Oph ; 2.73; 3200;occ; 95; 0;41266

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 5; 572.4; 21-JAN-2010 00:06:46; Dark ; 39.0; 124; The Car ; 2.76; 30000;occ; 78; 0;41267  
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 7; 765.9; 21-JAN-2010 00:10:00; Dark ; 45.5; 71; Iot Car ; 2.25; 7700;occ; 91; 0;41267  
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 9; 1035.0; 21-JAN-2010 00:14:29; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;41267  
 10; 1162.1; 21-JAN-2010 00:16:36; Dark ; 40.5; 70; Zet Pup ; 2.25; 39000;occ; 81; 0;41267  
 11; 1255.7; 21-JAN-2010 00:18:09; Dark ; 43.5; 117; Pi Pup ; 2.71; 3800;occ; 87; 0;41267  
 12; 1405.5; 21-JAN-2010 00:20:39; Dark ; 43.0; 23; 21Eps CMa ; 1.50; 26000;occ; 86; 0;41267  
 13; 1489.1; 21-JAN-2010 00:22:03; Dark ; 41.0; 179; 240mi2CMa ; 3.03; 24000;occ; 82; 0;41267  
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 16; 2186.3; 21-JAN-2010 00:33:40; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;41267

17; 2291.3; 21-JAN-2010 00:35:25; Bright; 42.5; 151; 13Mu Gem ; 2.89; 3000;occ; 85; 0;41267  
18; 2433.3; 21-JAN-2010 00:37:47; Bright; 46.0; 17; 78Bet Gem ; 1.16; 4500;occ; 92; 0;41267  
19; 2543.1; 21-JAN-2010 00:39:37; Bright; 35.0; 107; 37The Aur ; 2.65; 11000;occ; 70; 0;41267  
20; 2672.7; 21-JAN-2010 00:41:46; Bright; 37.5; 42; 34Bet Aur ; 1.90; 10200;occ; 75; 0;41267  
21; 3425.8; 21-JAN-2010 00:54:20; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;41267  
22; 3648.7; 21-JAN-2010 00:58:02; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;41267  
23; 3916.7; 21-JAN-2010 01:02:30; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;41267  
24; 4082.9; 21-JAN-2010 01:05:17; Bright; 53.0; 130; 23Bet Dra ; 2.80; 5800;occ; 106; 0;41267  
25; 4464.9; 21-JAN-2010 01:11:39; Bright; 39.0; 133; 40Zet Her ; 2.81; 6000;occ; 78; 0;41267  
26; 4659.0; 21-JAN-2010 01:14:53; Bright; 39.0; 127; 27Bet Her ; 2.78; 4700;occ; 78; 0;41267  
27; 5136.6; 21-JAN-2010 01:22:50; Bright; 49.0; 120; 1Del Oph ; 2.73; 3200;occ; 98; 0;41267

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3;-1953.8; 20-JAN-2010 06:38:41; Bright; 37.5; 130; 23Bet Dra ; 2.80; 5800;occ; 75; 0;41256  
4;-1572.4; 20-JAN-2010 06:45:02; Bright; 56.0; 133; 40Zet Her ; 2.81; 6000;occ; 112; 0;41256  
5;-1379.7; 20-JAN-2010 06:48:15; Bright; 57.0; 127; 27Bet Her ; 2.78; 4700;occ; 114; 0;41256  
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19; 1159.3; 20-JAN-2010 07:30:34; Dark ; 42.0; 70; Zet Pup ; 2.25; 39000;occ; 84; 0;41257  
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22; 1487.7; 20-JAN-2010 07:36:02; Dark ; 38.5; 179; 240mi2CMa ; 3.03; 24000;occ; 77; 0;41257  
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5; 2437.1; 20-JAN-2010 07:51:52; Bright; 27.0; 17; 78Bet Gem ; 1.16; 4500;occ; 54; 0;41257  
6; 2493.3; 20-JAN-2010 07:52:48; Bright; 59.0; 24; 66Alp Gem ; 1.58; 10200;occ; 118; 0;41257  
7; 2672.3; 20-JAN-2010 07:55:47; Bright; 35.0; 42; 34Bet Aur ; 1.90; 10200;occ; 70; 0;41257  
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15; 5131.3; 20-JAN-2010 08:36:46; Bright; 51.5; 120; 1Del Oph ; 2.73; 3200;occ; 103; 0;41257  
16; 5247.6; 20-JAN-2010 08:38:42; Bright; 52.0; 86; 35Eta Oph ; 2.43; 10200;occ; 104; 0;41257  
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19; 5802.0; 20-JAN-2010 08:47:57; Dark ; 40.0; 131; Gam Lup ; 2.80; 26000;occ; 80; 0;41257  
20; 5915.9; 20-JAN-2010 08:49:50; Dark ; 42.0; 109; Bet Lup ; 2.68; 26000;occ; 84; 0;41257  
21; 6005.9; 20-JAN-2010 08:51:21; Dark ; 41.5; 78; Alp Lup ; 2.30; 28000;occ; 83; 0;41257  
22; 6145.3; 20-JAN-2010 08:53:40; Dark ; 41.5; 4; Alp1Cen ; -0.01; 5800;occ; 83; 0;41257  
23; 6415.0; 20-JAN-2010 08:58:10; Dark ; 40.0; 12; Alp1Cru ; 0.77; 30000;occ; 80; 0;41257  
24; 6504.3; 20-JAN-2010 08:59:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41257  
25; 6604.5; 20-JAN-2010 09:01:19; Dark ; 38.0; 124; The Car ; 2.76; 30000;occ; 76; 0;41257  
26; 6685.2; 20-JAN-2010 09:02:40; Dark ; 37.5; 159; Ups Car ; 2.92; 7200;occ; 75; 0;41257  
27; 7195.8; 20-JAN-2010 09:11:10; Dark ; 40.5; 70; Zet Pup ; 2.25; 39000;occ; 81; 0;41257  
28; 7289.7; 20-JAN-2010 09:12:44; Dark ; 42.5; 117; Pi Pup ; 2.71; 3800;occ; 85; 0;41257  
29; 7440.1; 20-JAN-2010 09:15:15; Dark ; 40.5; 23; 21Eps CMa ; 1.50; 26000;occ; 81; 0;41257  
30; 7523.9; 20-JAN-2010 09:16:38; Dark ; 39.5; 179; 240mi2CMa ; 3.03; 24000;occ; 79; 0;41257  
31; 7654.7; 20-JAN-2010 09:18:49; Dark ; 44.5; 1; 9Alp CMa ; -1.44; 11000;occ; 89; 0;41257

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1;	1639.8;	20-JAN-2010 09:19:10;	Dark ;	45.0;	1;	9Alp CMa	;-1.44;	11000;occ;	90;	42;41258
2;	2002.1;	20-JAN-2010 09:25:13;	Dark ;	52.5;	8;	10Alp CMI	; 0.40;	6500;occ;	105;	0;41258
3;	2186.7;	20-JAN-2010 09:28:17;	Dark ;	37.5;	44;	24Gam Gem	; 1.93;	11000;occ;	75;	0;41258
4;	2291.5;	20-JAN-2010 09:30:02;	Bright;	52.0;	151;	13Mu Gem	; 2.89;	3000;occ;	104;	0;41258
5;	2436.7;	20-JAN-2010 09:32:27;	Bright;	35.0;	17;	78Bet Gem	; 1.16;	4500;occ;	70;	0;41258
6;	2492.7;	20-JAN-2010 09:33:23;	Bright;	42.0;	24;	66Alp Gem	; 1.58;	10200;occ;	84;	0;41258
7;	2672.4;	20-JAN-2010 09:36:23;	Bright;	37.5;	42;	34Bet Aur	; 1.90;	10200;occ;	75;	0;41258
8;	3425.7;	20-JAN-2010 09:48:56;	Bright;	36.0;	49;	1Alp UMi	; 1.99;	6300;occ;	72;	0;41258
9;	3917.7;	20-JAN-2010 09:57:08;	Bright;	39.0;	119;	14Eta Dra	; 2.73;	4700;occ;	78;	0;41258
10;	4082.1;	20-JAN-2010 09:59:53;	Bright;	34.0;	130;	23Bet Dra	; 2.80;	5800;occ;	68;	0;41258
11;	4463.9;	20-JAN-2010 10:06:14;	Bright;	56.0;	133;	40Zet Her	; 2.81;	6000;occ;	112;	0;41258
12;	4656.8;	20-JAN-2010 10:09:27;	Bright;	57.0;	127;	27Bet Her	; 2.78;	4700;occ;	114;	0;41258
13;	4756.1;	20-JAN-2010 10:11:07;	Bright;	52.0;	59;	55Alp Oph	; 2.08;	8900;occ;	104;	0;41258
14;	5131.9;	20-JAN-2010 10:17:22;	Bright;	50.0;	120;	1Del Oph	; 2.73;	3200;occ;	100;	0;41258
15;	5477.0;	20-JAN-2010 10:23:07;	Dark ;	46.5;	16;	21Alp Sco	; 1.02;	3000;occ;	93;	0;41258
16;	5570.3;	20-JAN-2010 10:24:41;	Dark ;	43.5;	75;	26Eps Sco	; 2.29;	4250;occ;	87;	0;41258
17;	5802.4;	20-JAN-2010 10:28:33;	Dark ;	39.5;	131;	Gam Lup	; 2.80;	26000;occ;	79;	0;41258
18;	5916.9;	20-JAN-2010 10:30:27;	Dark ;	41.5;	109;	Bet Lup	; 2.68;	26000;occ;	83;	0;41258
19;	6006.6;	20-JAN-2010 10:31:57;	Dark ;	47.5;	78;	Alp Lup	; 2.30;	28000;occ;	95;	0;41258
20;	6145.8;	20-JAN-2010 10:34:16;	Dark ;	42.5;	4;	Alp1Cen	;-0.01;	5800;occ;	85;	0;41258
21;	6415.3;	20-JAN-2010 10:38:46;	Dark ;	41.5;	12;	Alp1Cru	; 0.77;	30000;occ;	83;	0;41258
22;	6505.1;	20-JAN-2010 10:40:16;	Dark ;	59.5;	0;		; 0.00;	0;occ;	119;	0;41258
23;	6605.0;	20-JAN-2010 10:41:55;	Dark ;	39.0;	124;	The Car	; 2.76;	30000;occ;	78;	0;41258
24;	6685.3;	20-JAN-2010 10:43:16;	Dark ;	39.0;	159;	Ups Car	; 2.92;	7200;occ;	78;	0;41258
25;	6798.8;	20-JAN-2010 10:45:09;	Dark ;	40.0;	71;	Iot Car	; 2.25;	7700;occ;	80;	0;41258
26;	7440.0;	20-JAN-2010 10:55:50;	Dark ;	41.0;	23;	21Eps CMa	; 1.50;	26000;occ;	82;	0;41258
27;	7523.8;	20-JAN-2010 10:57:14;	Dark ;	40.0;	179;	24Omi2CMa	; 3.03;	24000;occ;	80;	0;41258
28;	7655.0;	20-JAN-2010 10:59:25;	Dark ;	44.0;	1;	9Alp CMa	;-1.44;	11000;occ;	88;	0;41258

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1;	1619.1;	20-JAN-2010 10:59:25;	Dark ;	44.5;	1;	9Alp CMa	;-1.44;	11000;occ;	89;	0;41259
2;	2001.7;	20-JAN-2010 11:05:48;	Dark ;	53.0;	8;	10Alp CMI	; 0.40;	6500;occ;	106;	0;41259
3;	2186.3;	20-JAN-2010 11:08:53;	Dark ;	43.5;	44;	24Gam Gem	; 1.93;	11000;occ;	87;	0;41259
4;	2291.3;	20-JAN-2010 11:10:38;	Bright;	39.0;	151;	13Mu Gem	; 2.89;	3000;occ;	78;	0;41259
5;	2436.3;	20-JAN-2010 11:13:03;	Bright;	35.0;	17;	78Bet Gem	; 1.16;	4500;occ;	70;	0;41259
6;	2492.2;	20-JAN-2010 11:13:59;	Bright;	44.0;	24;	66Alp Gem	; 1.58;	10200;occ;	88;	0;41259
7;	2672.2;	20-JAN-2010 11:16:59;	Bright;	45.0;	42;	34Bet Aur	; 1.90;	10200;occ;	90;	0;41259
8;	3425.6;	20-JAN-2010 11:29:32;	Bright;	52.0;	49;	1Alp UMi	; 1.99;	6300;occ;	104;	0;41259
9;	3917.6;	20-JAN-2010 11:37:44;	Bright;	39.5;	119;	14Eta Dra	; 2.73;	4700;occ;	79;	0;41259
10;	4081.9;	20-JAN-2010 11:40:28;	Bright;	33.5;	130;	23Bet Dra	; 2.80;	5800;occ;	67;	0;41259
11;	4656.6;	20-JAN-2010 11:50:03;	Bright;	57.0;	127;	27Bet Her	; 2.78;	4700;occ;	114;	0;41259
12;	4756.3;	20-JAN-2010 11:51:43;	Bright;	52.0;	59;	55Alp Oph	; 2.08;	8900;occ;	104;	0;41259
13;	5132.4;	20-JAN-2010 11:57:59;	Bright;	49.0;	120;	1Del Oph	; 2.73;	3200;occ;	98;	0;41259
14;	5477.4;	20-JAN-2010 12:03:44;	Dark ;	46.5;	16;	21Alp Sco	; 1.02;	3000;occ;	93;	0;41259
15;	5570.7;	20-JAN-2010 12:05:17;	Dark ;	42.5;	75;	26Eps Sco	; 2.29;	4250;occ;	85;	0;41259
16;	5803.0;	20-JAN-2010 12:09:09;	Dark ;	41.0;	131;	Gam Lup	; 2.80;	26000;occ;	82;	0;41259
17;	5917.4;	20-JAN-2010 12:11:04;	Dark ;	42.0;	109;	Bet Lup	; 2.68;	26000;occ;	84;	0;41259
18;	6007.3;	20-JAN-2010 12:12:34;	Dark ;	42.0;	78;	Alp Lup	; 2.30;	28000;occ;	84;	0;41259
19;	6415.8;	20-JAN-2010 12:19:22;	Dark ;	42.5;	12;	Alp1Cru	; 0.77;	30000;occ;	85;	0;41259
20;	6506.0;	20-JAN-2010 12:20:52;	Dark ;	59.5;	0;		; 0.00;	0;occ;	119;	0;41259
21;	6605.1;	20-JAN-2010 12:22:32;	Dark ;	39.5;	124;	The Car	; 2.76;	30000;occ;	79;	0;41259
22;	6685.5;	20-JAN-2010 12:23:52;	Dark ;	38.0;	159;	Ups Car	; 2.92;	7200;occ;	76;	0;41259
23;	6799.2;	20-JAN-2010 12:25:46;	Dark ;	42.5;	71;	Iot Car	; 2.25;	7700;occ;	85;	0;41259
24;	6909.3;	20-JAN-2010 12:27:36;	Dark ;	40.0;	46;	Del Vel	; 1.95;	10600;occ;	80;	0;41259
25;	7068.6;	20-JAN-2010 12:30:15;	Dark ;	38.5;	34;	Gam2Vel	; 1.79;	23000;occ;	77;	0;41259
26;	7196.0;	20-JAN-2010 12:32:22;	Dark ;	40.5;	70;	Zet Pup	; 2.25;	39000;occ;	81;	0;41259
27;	7290.0;	20-JAN-2010 12:33:56;	Dark ;	44.5;	117;	Pi Pup	; 2.71;	3800;occ;	89;	0;41259
28;	7440.2;	20-JAN-2010 12:36:27;	Dark ;	41.0;	23;	21Eps CMa	; 1.50;	26000;occ;	82;	0;41259
29;	7524.0;	20-JAN-2010 12:37:50;	Dark ;	40.5;	179;	24Omi2CMa	; 3.03;	24000;occ;	81;	0;41259
30;	7654.9;	20-JAN-2010 12:40:01;	Dark ;	45.0;	1;	9Alp CMa	;-1.44;	11000;occ;	90;	0;41259

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2;	2001.8;	20-JAN-2010 12:46:24;	Dark ;	53.5;	8;	10Alp CMI	; 0.40;	6500;occ;	107;	0;41260
3;	2186.3;	20-JAN-2010 12:49:29;	Dark ;	43.5;	44;	24Gam Gem	; 1.93;	11000;occ;	87;	0;41260
4;	2291.5;	20-JAN-2010 12:51:14;	Bright;	41.0;	151;	13Mu Gem	; 2.89;	3000;occ;	82;	0;41260
5;	2436.0;	20-JAN-2010 12:53:38;	Bright;	43.0;	17;	78Bet Gem	; 1.16;	4500;occ;	86;	0;41260
6;	2542.5;	20-JAN-2010 12:55:25;	Bright;	38.0;	107;	37The Aur	; 2.65;	11000;occ;	76;	0;41260
7;	2672.6;	20-JAN-2010 12:57:35;	Bright;	37.0;	42;	34Bet Aur	; 1.90;	10200;occ;	74;	0;41260
8;	3425.8;	20-JAN-2010 13:10:08;	Bright;	52.0;	49;	1Alp UMi	; 1.99;	6300;occ;	104;	0;41260

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 12; 4464.2; 20-JAN-2010 13:27:26; Bright; 36.5; 133; 40Zet Her ; 2.81; 6000;occ; 73; 0;41260  
 13; 4657.3; 20-JAN-2010 13:30:40; Bright; 40.0; 127; 27Bet Her ; 2.78; 4700;occ; 80; 0;41260  
 14; 4756.6; 20-JAN-2010 13:32:19; Bright; 52.0; 59; 55Alp Oph ; 2.08; 8900;occ; 104; 0;41260  
 15; 5132.8; 20-JAN-2010 13:38:35; Bright; 46.0; 120; 1Del Oph ; 2.73; 3200;occ; 92; 0;41260  
 16; 5477.9; 20-JAN-2010 13:44:20; Dark ; 50.0; 16; 21Alp Sco ; 1.02; 3000;occ; 100; 0;41260  
 17; 5570.9; 20-JAN-2010 13:45:53; Dark ; 44.0; 75; 26Eps Sco ; 2.29; 4250;occ; 88; 0;41260  
 18; 5803.9; 20-JAN-2010 13:49:46; Dark ; 40.0; 131; Gam Lup ; 2.80; 26000;occ; 80; 0;41260  
 19; 5918.4; 20-JAN-2010 13:51:41; Dark ; 42.0; 109; Bet Lup ; 2.68; 26000;occ; 84; 0;41260  
 20; 6008.0; 20-JAN-2010 13:53:10; Dark ; 42.0; 78; Alp Lup ; 2.30; 28000;occ; 84; 0;41260  
 21; 6416.6; 20-JAN-2010 13:59:59; Dark ; 42.5; 12; Alp1Cru ; 0.77; 30000;occ; 85; 0;41260  
 22; 6507.0; 20-JAN-2010 14:01:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41260  
 23; 6606.0; 20-JAN-2010 14:03:08; Dark ; 39.5; 124; The Car ; 2.76; 30000;occ; 79; 0;41260  
 24; 6686.3; 20-JAN-2010 14:04:29; Dark ; 24.5; 159; Ups Car ; 2.92; 7200;occ; 49; 0;41260  
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 2; 763.8; 20-JAN-2010 14:06:22; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;41261  
 3; 873.8; 20-JAN-2010 14:08:12; Dark ; 37.0; 46; Del Vel ; 1.95; 10600;occ; 74; 0;41261  
 4; 1404.8; 20-JAN-2010 14:17:03; Dark ; 38.5; 23; 21Eps CMa ; 1.50; 26000;occ; 77; 0;41261  
 5; 1488.3; 20-JAN-2010 14:18:26; Dark ; 36.0; 179; 240mi2CMa ; 3.03; 24000;occ; 72; 0;41261  
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 3; 2001.7; 20-JAN-2010 14:27:00; Dark ; 52.5; 8; 10Alp CMI ; 0.40; 6500;occ; 105; 0;41261  
 4; 2186.5; 20-JAN-2010 14:30:05; Dark ; 50.0; 44; 24Gam Gem ; 1.93; 11000;occ; 100; 0;41261  
 5; 2435.5; 20-JAN-2010 14:34:14; Bright; 43.0; 17; 78Bet Gem ; 1.16; 4500;occ; 86; 0;41261  
 6; 2672.5; 20-JAN-2010 14:38:11; Bright; 35.0; 42; 34Bet Aur ; 1.90; 10200;occ; 70; 0;41261  
 7; 3425.8; 20-JAN-2010 14:50:44; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;41261  
 8; 3650.1; 20-JAN-2010 14:54:28; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;41261  
 9; 3917.4; 20-JAN-2010 14:58:56; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;41261  
 10; 4082.3; 20-JAN-2010 15:01:40; Bright; 38.0; 130; 23Bet Dra ; 2.80; 5800;occ; 76; 0;41261  
 11; 4464.1; 20-JAN-2010 15:08:02; Bright; 37.0; 133; 40Zet Her ; 2.81; 6000;occ; 74; 0;41261  
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 13; 5133.5; 20-JAN-2010 15:19:12; Bright; 50.0; 120; 1Del Oph ; 2.73; 3200;occ; 100; 0;41261  
 14; 5478.4; 20-JAN-2010 15:24:57; Dark ; 47.5; 16; 21Alp Sco ; 1.02; 3000;occ; 95; 0;41261  
 15; 5804.5; 20-JAN-2010 15:30:23; Dark ; 41.5; 131; Gam Lup ; 2.80; 26000;occ; 83; 0;41261  
 16; 5919.1; 20-JAN-2010 15:32:17; Dark ; 41.0; 109; Bet Lup ; 2.68; 26000;occ; 82; 0;41261  
 17; 6009.0; 20-JAN-2010 15:33:47; Dark ; 40.5; 78; Alp Lup ; 2.30; 28000;occ; 81; 0;41261  
 18; 6417.0; 20-JAN-2010 15:40:35; Dark ; 43.5; 12; Alp1Cru ; 0.77; 30000;occ; 87; 0;41261  
 19; 6508.0; 20-JAN-2010 15:42:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41261  
 20; 6606.3; 20-JAN-2010 15:43:44; Dark ; 38.0; 124; The Car ; 2.76; 30000;occ; 76; 0;41261  
 21; 6686.6; 20-JAN-2010 15:45:05; Dark ; 37.0; 159; Ups Car ; 2.92; 7200;occ; 74; 0;41261  
 22; 6800.0; 20-JAN-2010 15:46:58; Dark ; 39.5; 71; Iot Car ; 2.25; 7700;occ; 79; 0;41261  
 23; 6910.2; 20-JAN-2010 15:48:48; Dark ; 41.5; 46; Del Vel ; 1.95; 10600;occ; 83; 0;41261  
 24; 7069.4; 20-JAN-2010 15:51:27; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;41261  
 25; 7196.7; 20-JAN-2010 15:53:35; Dark ; 41.5; 70; Zet Pup ; 2.25; 39000;occ; 83; 0;41261  
 26; 7290.8; 20-JAN-2010 15:55:09; Dark ; 42.5; 117; Pi Pup ; 2.71; 3800;occ; 85; 0;41261  
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 3; 1488.5; 20-JAN-2010 15:59:03; Dark ; 35.0; 179; 240mi2CMa ; 3.03; 24000;occ; 70; 0;41262  
 4; 1619.3; 20-JAN-2010 16:01:13; Dark ; 37.5; 1; 9Alp CMa ; -1.44; 11000;occ; 75; 0;41262  
 5; 2001.7; 20-JAN-2010 16:07:36; Dark ; 58.0; 8; 10Alp CMI ; 0.40; 6500;occ; 116; 0;41262  
 6; 2186.3; 20-JAN-2010 16:10:40; Dark ; 52.0; 44; 24Gam Gem ; 1.93; 11000;occ; 104; 0;41262  
 7; 2291.4; 20-JAN-2010 16:12:26; Bright; 42.0; 151; 13Mu Gem ; 2.89; 3000;occ; 84; 0;41262  
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9;	1490.3;	21-JAN-2010	12:06:16;	Dark	;	39.0;	179;	240mi2CMa	;	3.03;	24000;occ;	78;	0;	41274

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16;	505.1;	23-JAN-2010	05:44:49;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;41299
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22;	1263.1;	23-JAN-2010	05:57:27;	Dark	;	44.0;	117;	Pi Pup	;	2.71;	3800;occ;	88;	0;41299
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24;	1494.7;	23-JAN-2010	06:01:18;	Dark	;	39.5;	179;	240mi2CMa	;	3.03;	24000;occ;	79;	0;41299
25;	1625.0;	23-JAN-2010	06:03:29;	Dark	;	43.0;	1;	9Alp CMa	;	-1.44;	11000;occ;	86;	0;41299
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28;	2293.2;	23-JAN-2010	06:14:37;	Bright;	42.0;	151;	13Mu Gem	;	2.89;	3000;occ;	84;	0;41299	
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32;	3426.5;	23-JAN-2010	06:33:30;	Bright;	37.5;	49;	1Alp UMi	;	1.99;	6300;occ;	75;	0;41299	
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7;	2675.3;	23-JAN-2010	21:26:22;	Bright;	36.5;	42;	34Bet Aur	;	1.90;	10200;occ;	73;	0;41308	
8;	3640.1;	23-JAN-2010	21:42:27;	Bright;	41.0;	60;	7Bet UMi	;	2.08;	3950;occ;	82;	0;41308	
9;	3912.7;	23-JAN-2010	21:47:00;	Bright;	40.5;	119;	14Eta Dra	;	2.73;	4700;occ;	81;	0;41308	
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5;	134.1;	23-JAN-2010	22:24:37;	Dark	;	52.5;	4;	Alp1Cen	;	-0.01;	5800;occ;	105;	0;41309
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11;	1496.4;	23-JAN-2010	22:47:19;	Dark	;	40.0;	179;	240mi2CMa	;	3.03;	24000;occ;	80;	0;41309
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13;	1996.3;	23-JAN-2010	22:55:39;	Dark	;	46.0;	8;	10Alp CMI	;	0.40;	6500;occ;	92;	0;41309
14;	2187.5;	23-JAN-2010	22:58:50;	Bright;	19.0;	44;	24Gam Gem	;	1.93;	11000;occ;	38;	0;41309	
15;	2419.0;	23-JAN-2010	23:02:42;	Bright;	45.0;	17;	78Bet Gem	;	1.16;	4500;occ;	90;	0;41309	
16;	2547.0;	23-JAN-2010	23:04:50;	Bright;	36.0;	107;	37The Aur	;	2.65;	11000;occ;	72;	0;41309	
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13; 4772.1; 25-JAN-2010 09:13:53; Bright; 53.0; 59; 55Alp Oph ; 2.08; 8900;occ; 106; 0;41329
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22;	6569.9;	25-JAN-2010	13:05:03;	Dark ;	59.5;	0;	; 0.00;	0;occ;	119;	0;41331	
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24;	6827.1;	25-JAN-2010	13:09:20;	Dark ;	47.0;	71;	Iot Car ;	2.25;	7700;occ;	94;	0;41331
25;	6935.1;	25-JAN-2010	13:11:08;	Dark ;	45.5;	46;	Del Vel ;	1.95;	10600;occ;	91;	0;41331
26;	7090.8;	25-JAN-2010	13:13:44;	Dark ;	41.5;	34;	Gam2Vel ;	1.79;	23000;occ;	83;	0;41331
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28;	7305.6;	25-JAN-2010	13:17:19;	Dark ;	41.0;	117;	Pi Pup ;	2.71;	3800;occ;	82;	0;41331
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4;	2295.9;	25-JAN-2010	13:34:25;	Bright;	39.5;	151;	13Mu Gem ;	2.89;	3000;occ;	79;	0;41332
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6;	2677.8;	25-JAN-2010	13:40:47;	Bright;	38.0;	42;	34Bet Aur ;	1.90;	10200;occ;	76;	0;41332
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9;	3905.9;	27-JAN-2010	19:40:25;	Bright;		36.5;	119;	14Eta Dra	;	2.73;	4700;	occ;	73;	0;	41364
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11;	4478.7;	27-JAN-2010	19:49:57;	Bright;		41.5;	133;	40Zet Her	;	2.81;	6000;	occ;	83;	0;	41364
12;	4685.5;	27-JAN-2010	19:53:24;	Bright;		62.0;	127;	27Bet Her	;	2.78;	4700;	occ;	124;	0;	41364
13;	4781.0;	27-JAN-2010	19:55:00;	Bright;		35.0;	59;	55Alp Oph	;	2.08;	8900;	occ;	70;	0;	41364
14;	4908.0;	27-JAN-2010	19:57:07;	Bright;		35.5;	126;	60Bet Oph	;	2.77;	4250;	occ;	71;	0;	41364
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16;	5533.5;	27-JAN-2010	20:07:32;	Dark	;	48.5;	16;	21Alp Sco	;	1.02;	3000;	occ;	97;	0;	41364
17;	5613.1;	27-JAN-2010	20:08:52;	Dark	;	44.0;	75;	26Eps Sco	;	2.29;	4250;	occ;	88;	0;	41364
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19;	6000.2;	27-JAN-2010	20:15:19;	Dark	;	43.5;	109;	Bet Lup	;	2.68;	26000;	occ;	87;	0;	41364
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21;	6198.8;	27-JAN-2010	20:18:38;	Dark	;	40.5;	4;	Alp1Cen	;	-0.01;	5800;	occ;	81;	0;	41364
22;	6300.0;	27-JAN-2010	20:20:19;	Dark	;	42.0;	77;	Eps Cen	;	2.30;	28000;	occ;	84;	0;	41364
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24;	6598.3;	27-JAN-2010	20:25:17;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	41364
25;	6724.2;	27-JAN-2010	20:27:23;	Dark	;	36.5;	159;	Ups Car	;	2.92;	7200;	occ;	73;	0;	41364
26;	6838.9;	27-JAN-2010	20:29:18;	Dark	;	38.0;	71;	Iot Car	;	2.25;	7700;	occ;	76;	0;	41364
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13;	910.8;	28-JAN-2010	01:32:53;	Dark	;	41.5;	46;	Del Vel	;	1.95;	10600;	occ;	83;	0;	41368
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16;	1401.7;	28-JAN-2010	01:41:04;	Dark	;	39.0;	88;	31Eta CMa	;	2.45;	20000;	occ;	78;	0;	41368
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21;	3427.1;	28-JAN-2010	02:14:49;	Bright;		35.5;	49;	1Alp UMi	;	1.99;	6300;	occ;	71;	0;	41368
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26;	4686.8;	28-JAN-2010	02:35:49;	Bright;		43.5;	127;	27Bet Her	;	2.78;	4700;	occ;	87;	0;	41368
27;	4781.9;	28-JAN-2010	02:37:24;	Bright;		35.5;	59;	55Alp Oph	;	2.08;	8900;	occ;	71;	0;	41368
28;	4908.9;	28-JAN-2010	02:39:31;	Bright;		35.0;	126;	60Bet Oph	;	2.77;	4250;	occ;	70;	0;	41368

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27; 3623.4; 29-JAN-2010 05:07:40; Bright; 56.5; 60; 7Bet UMi ; 2.08; 3950;occ; 113; 0;41384

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13; 279.9; 29-JAN-2010 05:52:33; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;41385
14; 448.7; 29-JAN-2010 05:55:22; Dark ; 46.5; 12; Alp1Cru ; 0.77; 30000;occ; 93; 0;41385
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16; 695.4; 29-JAN-2010 05:59:28; Dark ; 42.0; 159; Ups Car ; 2.92; 7200;occ; 84; 0;41385
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24; 2337.7; 29-JAN-2010 06:26:51; Bright; 52.0; 170; 27Eps Gem ; 3.00; 9700;occ; 104; 0;41385
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26; 3427.2; 29-JAN-2010 06:45:00; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;41385
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5; 97.1; 31-JAN-2010 01:25:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41411
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7; 300.1; 31-JAN-2010 01:28:27; Dark ; 42.5; 77; Eps Cen ; 2.30; 28000;occ; 85; 0;41411
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14; 1201.7; 31-JAN-2010 01:43:29; Dark ; 41.5; 70; Zet Pup ; 2.25; 39000;occ; 83; 0;41411
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20; 3617.0; 31-JAN-2010 02:23:44; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;41411
21; 3898.6; 31-JAN-2010 02:28:26; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;41411
22; 4087.4; 31-JAN-2010 02:31:34; Bright; 36.5; 130; 23Bet Dra ; 2.80; 5800;occ; 73; 0;41411

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24;	4485.4;	31-JAN-2010	02:38:12;	Bright;	42.0;	133;	40Zet Her	; 2.81;	6000;	occ;	84;	0;	41411
25;	4793.5;	31-JAN-2010	02:43:20;	Bright;	55.0;	59;	55Alp Oph	; 2.08;	8900;	occ;	110;	0;	41411
26;	4921.3;	31-JAN-2010	02:45:28;	Bright;	54.0;	126;	60Bet Oph	; 2.77;	4250;	occ;	108;	0;	41411
27;	5307.7;	31-JAN-2010	02:51:55;	Dark	41.0;	86;	35Eta Oph	; 2.43;	10200;	occ;	82;	0;	41411
28;	5563.5;	31-JAN-2010	02:56:10;	Dark	55.5;	16;	21Alp Sco	; 1.02;	3000;	occ;	111;	0;	41411
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30;	6041.7;	31-JAN-2010	03:04:09;	Dark	44.0;	109;	Bet Lup	; 2.68;	26000;	occ;	88;	0;	41411
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32;	6223.6;	31-JAN-2010	03:07:10;	Dark	44.0;	4;	Alp1Cen	; -0.01;	5800;	occ;	88;	0;	41411
33;	6337.0;	31-JAN-2010	03:09:04;	Dark	40.5;	77;	Eps Cen	; 2.30;	28000;	occ;	81;	0;	41411
34;	6499.2;	31-JAN-2010	03:11:46;	Dark	51.5;	12;	Alp1Cru	; 0.77;	30000;	occ;	103;	0;	41411
35;	6617.1;	31-JAN-2010	03:13:44;	Dark	43.5;	99;	Del Cen	; 2.58;	26000;	occ;	87;	0;	41411
36;	6740.4;	31-JAN-2010	03:15:47;	Dark	38.0;	159;	Ups Car	; 2.92;	7200;	occ;	76;	0;	41411
37;	6855.4;	31-JAN-2010	03:17:42;	Dark	42.5;	71;	Iot Car	; 2.25;	7700;	occ;	85;	0;	41411
38;	6960.8;	31-JAN-2010	03:19:28;	Dark	41.5;	46;	Del Vel	; 1.95;	10600;	occ;	83;	0;	41411
39;	7112.6;	31-JAN-2010	03:22:00;	Dark	43.5;	34;	Gam2Vel	; 1.79;	23000;	occ;	87;	0;	41411
40;	7237.9;	31-JAN-2010	03:24:05;	Dark	40.5;	70;	Zet Pup	; 2.25;	39000;	occ;	81;	0;	41411
41;	7500.9;	31-JAN-2010	03:28:28;	Dark	42.5;	132;	15Rho Pup	; 2.80;	6900;	occ;	85;	0;	41411
42;	8028.6;	31-JAN-2010	03:37:16;	Dark	46.5;	8;	10Alp CMi	; 0.40;	6500;	occ;	93;	0;	41411
43;	8375.9;	31-JAN-2010	03:43:03;	Bright;	37.5;	170;	27Eps Gem	; 3.00;	9700;	occ;	75;	0;	41411
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2;	-2419.2;	31-JAN-2010	04:04:20;	Bright;	42.5;	60;	7Bet UMi	; 2.08;	3950;	occ;	85;	0;	41412
3;	-2137.4;	31-JAN-2010	04:09:01;	Bright;	42.0;	119;	14Eta Dra	; 2.73;	4700;	occ;	84;	0;	41412
4;	-1948.8;	31-JAN-2010	04:12:10;	Bright;	37.0;	130;	23Bet Dra	; 2.80;	5800;	occ;	74;	0;	41412
5;	-1732.9;	31-JAN-2010	04:15:46;	Bright;	36.5;	5;	3Alp Lyr	; 0.03;	11000;	occ;	73;	0;	41412
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7;	-1241.9;	31-JAN-2010	04:23:57;	Bright;	36.5;	59;	55Alp Oph	; 2.08;	8900;	occ;	73;	0;	41412
8;	-1114.5;	31-JAN-2010	04:26:04;	Bright;	38.0;	126;	60Bet Oph	; 2.77;	4250;	occ;	76;	0;	41412
9;	-727.7;	31-JAN-2010	04:32:31;	Dark	43.5;	86;	35Eta Oph	; 2.43;	10200;	occ;	87;	0;	41412
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11;	-390.5;	31-JAN-2010	04:38:08;	Dark	46.5;	158;	6Pi Sco	; 2.91;	28000;	occ;	93;	0;	41412
12;	-125.9;	31-JAN-2010	04:42:33;	Dark	46.5;	131;	Gam Lup	; 2.80;	26000;	occ;	93;	0;	41412
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14;	98.5;	31-JAN-2010	04:46:17;	Dark	59.5;	0;		; 0.00;	0;	occ;	119;	0;	41413
15;	188.4;	31-JAN-2010	04:47:47;	Dark	55.0;	4;	Alp1Cen	; -0.01;	5800;	occ;	110;	0;	41413
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22;	1077.2;	31-JAN-2010	05:02:36;	Dark	42.5;	34;	Gam2Vel	; 1.79;	23000;	occ;	85;	0;	41413
23;	1202.5;	31-JAN-2010	05:04:41;	Dark	39.5;	70;	Zet Pup	; 2.25;	39000;	occ;	79;	0;	41413
24;	1465.1;	31-JAN-2010	05:09:04;	Dark	41.0;	132;	15Rho Pup	; 2.80;	6900;	occ;	82;	0;	41413
25;	1992.6;	31-JAN-2010	05:17:51;	Dark	53.0;	8;	10Alp CMi	; 0.40;	6500;	occ;	106;	0;	41413
26;	2340.2;	31-JAN-2010	05:23:39;	Bright;	38.0;	170;	27Eps Gem	; 3.00;	9700;	occ;	76;	0;	41413
27;	2457.3;	31-JAN-2010	05:25:36;	Bright;	39.0;	24;	66Alp Gem	; 1.58;	10200;	occ;	78;	0;	41413
28;	3427.7;	31-JAN-2010	05:41:46;	Bright;	38.0;	49;	1Alp UMi	; 1.99;	6300;	occ;	76;	0;	41413
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2;	-1948.9;	31-JAN-2010	05:52:46;	Bright;	37.0;	130;	23Bet Dra	; 2.80;	5800;	occ;	74;	0;	41413
3;	-1732.6;	31-JAN-2010	05:56:22;	Bright;	36.0;	5;	3Alp Lyr	; 0.03;	11000;	occ;	72;	0;	41413
4;	-1550.3;	31-JAN-2010	05:59:24;	Bright;	62.0;	133;	40Zet Her	; 2.81;	6000;	occ;	124;	0;	41413
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6;	-1114.0;	31-JAN-2010	06:06:41;	Bright;	54.0;	126;	60Bet Oph	; 2.77;	4250;	occ;	108;	0;	41413
7;	-727.5;	31-JAN-2010	06:13:07;	Dark	44.0;	86;	35Eta Oph	; 2.43;	10200;	occ;	88;	0;	41413
8;	-471.1;	31-JAN-2010	06:17:24;	Dark	51.0;	16;	21Alp Sco	; 1.02;	3000;	occ;	102;	0;	41413
9;	-389.4;	31-JAN-2010	06:18:45;	Dark	46.0;	158;	6Pi Sco	; 2.91;	28000;	occ;	92;	0;	41413
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15;	464.5;	31-JAN-2010	06:32:59;	Dark	49.5;	12;	Alp1Cru	; 0.77;	30000;	occ;	99;	0;	41414



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18;	820.2;	31-JAN-2010	06:38:55;	Dark ;	43.0;	71;	Iot Car ;	2.25;	7700;	occ;	86;	0;	41414
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25;	2457.4;	31-JAN-2010	07:06:12;	Bright;	38.5;	24;	66Alp Gem ;	1.58;	10200;	occ;	77;	0;	41414
26;	3427.7;	31-JAN-2010	07:22:23;	Bright;	37.5;	49;	1Alp UMi ;	1.99;	6300;	occ;	75;	0;	41414
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2;	927.9;	31-JAN-2010	20:05:30;	Dark ;	38.5;	46;	Del Vel ;	1.95;	10600;	occ;	77;	0;	41422
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4;	1204.5;	31-JAN-2010	20:10:07;	Dark ;	41.0;	70;	Zet Pup ;	2.25;	39000;	occ;	82;	0;	41422
5;	1467.0;	31-JAN-2010	20:14:29;	Dark ;	42.0;	132;	15Rho Pup ;	2.80;	6900;	occ;	84;	0;	41422
6;	1992.8;	31-JAN-2010	20:23:15;	Dark ;	48.0;	8;	10Alp CMi ;	0.40;	6500;	occ;	96;	0;	41422
7;	2341.1;	31-JAN-2010	20:29:03;	Bright;	38.5;	170;	27Eps Gem ;	3.00;	9700;	occ;	77;	0;	41422
8;	2456.2;	31-JAN-2010	20:30:58;	Bright;	54.0;	24;	66Alp Gem ;	1.58;	10200;	occ;	108;	0;	41422
9;	3428.3;	31-JAN-2010	20:47:10;	Bright;	31.5;	49;	1Alp UMi ;	1.99;	6300;	occ;	63;	0;	41422
10;	3614.5;	31-JAN-2010	20:50:17;	Bright;	41.5;	60;	7Bet UMi ;	2.08;	3950;	occ;	83;	0;	41422
11;	3897.2;	31-JAN-2010	20:54:59;	Bright;	36.5;	119;	14Eta Dra ;	2.73;	4700;	occ;	73;	0;	41422
12;	4087.0;	31-JAN-2010	20:58:09;	Bright;	35.5;	130;	23Bet Dra ;	2.80;	5800;	occ;	71;	0;	41422
13;	4304.7;	31-JAN-2010	21:01:47;	Bright;	38.0;	5;	3Alp Lyr ;	0.03;	11000;	occ;	76;	0;	41422
14;	4487.1;	31-JAN-2010	21:04:49;	Bright;	29.0;	133;	40Zet Her ;	2.81;	6000;	occ;	58;	0;	41422
15;	4796.8;	31-JAN-2010	21:09:59;	Bright;	44.5;	59;	55Alp Oph ;	2.08;	8900;	occ;	89;	0;	41422
16;	4924.7;	31-JAN-2010	21:12:07;	Bright;	53.5;	126;	60Bet Oph ;	2.77;	4250;	occ;	107;	0;	41422

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2;	-464.9;	31-JAN-2010	21:22:53;	Dark ;	50.0;	16;	21Alp Sco ;	1.02;	3000;	occ;	100;	0;	41422
3;	-381.8;	31-JAN-2010	21:24:16;	Dark ;	46.0;	158;	6Pi Sco ;	2.91;	28000;	occ;	92;	0;	41422
4;	-117.8;	31-JAN-2010	21:28:40;	Dark ;	43.0;	131;	Gam Lup ;	2.80;	26000;	occ;	86;	0;	41422
5;	15.4;	31-JAN-2010	21:30:54;	Dark ;	45.0;	109;	Bet Lup ;	2.68;	26000;	occ;	90;	0;	41423
6;	105.5;	31-JAN-2010	21:32:24;	Dark ;	59.5;	0;		0.00;	0;	occ;	119;	0;	41423
7;	193.8;	31-JAN-2010	21:33:52;	Dark ;	41.5;	4;	Alp1Cen ;	-0.01;	5800;	occ;	83;	0;	41423
8;	309.6;	31-JAN-2010	21:35:48;	Dark ;	43.5;	77;	Eps Cen ;	2.30;	28000;	occ;	87;	0;	41423
9;	469.3;	31-JAN-2010	21:38:27;	Dark ;	42.0;	12;	Alp1Cru ;	0.77;	30000;	occ;	84;	0;	41423
10;	589.9;	31-JAN-2010	21:40:28;	Dark ;	46.0;	99;	Del Cen ;	2.58;	26000;	occ;	92;	0;	41423
11;	708.2;	31-JAN-2010	21:42:26;	Dark ;	39.0;	159;	Ups Car ;	2.92;	7200;	occ;	78;	0;	41423
12;	823.0;	31-JAN-2010	21:44:21;	Dark ;	38.0;	71;	Iot Car ;	2.25;	7700;	occ;	76;	0;	41423
13;	928.1;	31-JAN-2010	21:46:06;	Dark ;	39.5;	46;	Del Vel ;	1.95;	10600;	occ;	79;	0;	41423
14;	1079.6;	31-JAN-2010	21:48:38;	Dark ;	40.5;	34;	Gam2Vel ;	1.79;	23000;	occ;	81;	0;	41423
15;	1204.5;	31-JAN-2010	21:50:43;	Dark ;	40.0;	70;	Zet Pup ;	2.25;	39000;	occ;	80;	0;	41423
16;	1466.9;	31-JAN-2010	21:55:05;	Dark ;	41.0;	132;	15Rho Pup ;	2.80;	6900;	occ;	82;	0;	41423
17;	1992.7;	31-JAN-2010	22:03:51;	Dark ;	47.0;	8;	10Alp CMi ;	0.40;	6500;	occ;	94;	0;	41423
18;	2341.0;	31-JAN-2010	22:09:39;	Bright;	37.0;	170;	27Eps Gem ;	3.00;	9700;	occ;	74;	0;	41423
19;	2456.3;	31-JAN-2010	22:11:34;	Bright;	38.5;	24;	66Alp Gem ;	1.58;	10200;	occ;	77;	0;	41423
20;	3427.7;	31-JAN-2010	22:27:46;	Bright;	33.0;	49;	1Alp UMi ;	1.99;	6300;	occ;	66;	0;	41423
21;	3614.0;	31-JAN-2010	22:30:52;	Bright;	42.0;	60;	7Bet UMi ;	2.08;	3950;	occ;	84;	0;	41423
22;	3896.6;	31-JAN-2010	22:35:35;	Bright;	38.0;	119;	14Eta Dra ;	2.73;	4700;	occ;	76;	0;	41423
23;	4086.8;	31-JAN-2010	22:38:45;	Bright;	39.5;	130;	23Bet Dra ;	2.80;	5800;	occ;	79;	0;	41423
24;	4304.5;	31-JAN-2010	22:42:23;	Bright;	39.0;	5;	3Alp Lyr ;	0.03;	11000;	occ;	78;	0;	41423
25;	4487.0;	31-JAN-2010	22:45:25;	Bright;	29.0;	133;	40Zet Her ;	2.81;	6000;	occ;	58;	0;	41423
26;	4797.3;	31-JAN-2010	22:50:35;	Bright;	36.5;	59;	55Alp Oph ;	2.08;	8900;	occ;	73;	0;	41423
27;	4924.8;	31-JAN-2010	22:52:43;	Bright;	54.0;	126;	60Bet Oph ;	2.77;	4250;	occ;	108;	0;	41423
28;	5313.4;	31-JAN-2010	22:59:11;	Dark ;	16.0;	86;	35Eta Oph ;	2.43;	10200;	occ;	32;	0;	41423

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2;	-464.1;	31-JAN-2010	23:03:30;	Dark ;	47.5;	16;	21Alp Sco ;	1.02;	3000;	occ;	95;	0;	41423
3;	16.5;	31-JAN-2010	23:11:30;	Dark ;	44.0;	109;	Bet Lup ;	2.68;	26000;	occ;	88;	0;	41424
4;	106.2;	31-JAN-2010	23:13:00;	Dark ;	59.5;	0;		0.00;	0;	occ;	119;	0;	41424
5;	194.3;	31-JAN-2010	23:14:28;	Dark ;	54.5;	4;	Alp1Cen ;	-0.01;	5800;	occ;	109;	0;	41424
6;	310.5;	31-JAN-2010	23:16:24;	Dark ;	42.5;	77;	Eps Cen ;	2.30;	28000;	occ;	85;	0;	41424
7;	469.8;	31-JAN-2010	23:19:04;	Dark ;	41.0;	12;	Alp1Cru ;	0.77;	30000;	occ;	82;	0;	41424
8;	590.7;	31-JAN-2010	23:21:05;	Dark ;	44.0;	99;	Del Cen ;	2.58;	26000;	occ;	88;	0;	41424
9;	708.3;	31-JAN-2010	23:23:02;	Dark ;	38.5;	159;	Ups Car ;	2.92;	7200;	occ;	77;	0;	41424

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11; 928.2; 31-JAN-2010 23:26:42; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;41424
12; 1079.7; 31-JAN-2010 23:29:14; Dark ; 41.5; 34; Gam2Vel ; 1.79; 23000;occ; 83; 0;41424
13; 1204.9; 31-JAN-2010 23:31:19; Dark ; 40.5; 70; Zet Pup ; 2.25; 39000;occ; 81; 0;41424
14; 1467.0; 31-JAN-2010 23:35:41; Dark ; 41.5; 132; 15Rho Pup ; 2.80; 6900;occ; 83; 0;41424
15; 1992.9; 31-JAN-2010 23:44:27; Dark ; 48.5; 8; 10Alp CMi ; 0.40; 6500;occ; 97; 0;41424
16; 2341.0; 31-JAN-2010 23:50:15; Bright; 36.5; 170; 27Eps Gem ; 3.00; 9700;occ; 73; 0;41424
17; 2455.8; 31-JAN-2010 23:52:10; Bright; 38.0; 24; 66Alp Gem ; 1.58; 10200;occ; 76; 0;41424
18; 3427.7; 01-FEB-2010 00:08:22; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;41424
19; 3613.9; 01-FEB-2010 00:11:28; Bright; 40.5; 60; 7Bet UMi ; 2.08; 3950;occ; 81; 0;41424
20; 3896.5; 01-FEB-2010 00:16:10; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;41424
21; 4087.3; 01-FEB-2010 00:19:21; Bright; 39.0; 130; 23Bet Dra ; 2.80; 5800;occ; 78; 0;41424
22; 4305.0; 01-FEB-2010 00:22:59; Bright; 34.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 68; 0;41424
23; 4797.6; 01-FEB-2010 00:31:12; Bright; 55.0; 59; 55Alp Oph ; 2.08; 8900;occ; 110; 0;41424
24; 4925.2; 01-FEB-2010 00:33:19; Bright; 54.0; 126; 60Bet Oph ; 2.77; 4250;occ; 108; 0;41424
25; 5313.8; 01-FEB-2010 00:39:48; Dark ; 40.5; 86; 35Eta Oph ; 2.43; 10200;occ; 81; 0;41424

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3;-1732.2; 31-JAN-2010 07:36:58; Bright; 34.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 68; 0;41414
4;-1550.2; 31-JAN-2010 07:40:01; Bright; 41.0; 133; 40Zet Her ; 2.81; 6000;occ; 82; 0;41414
5;-1241.7; 31-JAN-2010 07:45:09; Bright; 55.0; 59; 55Alp Oph ; 2.08; 8900;occ; 110; 0;41414
6;-1113.6; 31-JAN-2010 07:47:17; Bright; 54.0; 126; 60Bet Oph ; 2.77; 4250;occ; 108; 0;41414
7; -726.9; 31-JAN-2010 07:53:44; Dark ; 44.5; 86; 35Eta Oph ; 2.43; 10200;occ; 89; 0;41414
8; -470.4; 31-JAN-2010 07:58:00; Dark ; 48.0; 16; 21Alp Sco ; 1.02; 3000;occ; 96; 0;41414
9; -388.9; 31-JAN-2010 07:59:22; Dark ; 46.5; 158; 6Pi Sco ; 2.91; 28000;occ; 93; 0;41414
10; -124.1; 31-JAN-2010 08:03:47; Dark ; 41.0; 131; Gam Lup ; 2.80; 26000;occ; 82; 0;41414
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13; 189.4; 31-JAN-2010 08:09:00; Dark ; 41.0; 4; Alp1Cen ;-0.01; 5800;occ; 82; 0;41415
14; 303.4; 31-JAN-2010 08:10:54; Dark ; 42.5; 77; Eps Cen ; 2.30; 28000;occ; 85; 0;41415
15; 465.2; 31-JAN-2010 08:13:36; Dark ; 40.0; 12; Alp1Cru ; 0.77; 30000;occ; 80; 0;41415
16; 583.5; 31-JAN-2010 08:15:34; Dark ; 45.0; 99; Del Cen ; 2.58; 26000;occ; 90; 0;41415
17; 705.4; 31-JAN-2010 08:17:36; Dark ; 38.0; 159; Ups Car ; 2.92; 7200;occ; 76; 0;41415
18; 820.6; 31-JAN-2010 08:19:31; Dark ; 46.0; 71; Iot Car ; 2.25; 7700;occ; 92; 0;41415
19; 925.7; 31-JAN-2010 08:21:16; Dark ; 43.5; 46; Del Vel ; 1.95; 10600;occ; 87; 0;41415
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21; 1202.8; 31-JAN-2010 08:25:53; Dark ; 40.0; 70; Zet Pup ; 2.25; 39000;occ; 80; 0;41415
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5; 3616.2; 31-JAN-2010 09:06:07; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;41415
6; 3897.9; 31-JAN-2010 09:10:49; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;41415
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8; 4303.3; 31-JAN-2010 09:17:34; Bright; 33.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 66; 0;41415
9; 4485.9; 31-JAN-2010 09:20:37; Bright; 41.0; 133; 40Zet Her ; 2.81; 6000;occ; 82; 0;41415
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11; 4922.7; 31-JAN-2010 09:27:53; Bright; 54.0; 126; 60Bet Oph ; 2.77; 4250;occ; 108; 0;41415
12; 5309.7; 31-JAN-2010 09:34:20; Dark ; 43.0; 86; 35Eta Oph ; 2.43; 10200;occ; 86; 0;41415
13; 5566.1; 31-JAN-2010 09:38:37; Dark ; 55.0; 16; 21Alp Sco ; 1.02; 3000;occ; 110; 0;41415
14; 5648.0; 31-JAN-2010 09:39:59; Dark ; 47.0; 158; 6Pi Sco ; 2.91; 28000;occ; 94; 0;41415
15; 5912.5; 31-JAN-2010 09:44:23; Dark ; 43.0; 131; Gam Lup ; 2.80; 26000;occ; 86; 0;41415
16; 6045.4; 31-JAN-2010 09:46:36; Dark ; 44.5; 109; Bet Lup ; 2.68; 26000;occ; 89; 0;41415
17; 6136.5; 31-JAN-2010 09:48:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41415
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19; 6340.0; 31-JAN-2010 09:51:31; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;41415
20; 6501.4; 31-JAN-2010 09:54:12; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;41415
21; 6620.4; 31-JAN-2010 09:56:11; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;41415
22; 6741.5; 31-JAN-2010 09:58:12; Dark ; 40.0; 159; Ups Car ; 2.92; 7200;occ; 80; 0;41415
23; 6856.6; 31-JAN-2010 10:00:07; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;41415
24; 6961.9; 31-JAN-2010 10:01:53; Dark ; 41.0; 46; Del Vel ; 1.95; 10600;occ; 82; 0;41415
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25;	6962.8;	31-JAN-2010 15:03:41;	Dark ;	43.0;	46;	Del Vel ;	1.95;	10600;occ;	86;	0;	41418
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2;	1204.0;	31-JAN-2010 15:08:18;	Dark ;	39.5;	70;	Zet Pup ;	2.25;	39000;occ;	79;	0;	41419
3;	1466.3;	31-JAN-2010 15:12:41;	Dark ;	42.0;	132;	15Rho Pup ;	2.80;	6900;occ;	84;	0;	41419
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7;	3427.8;	31-JAN-2010 15:45:22;	Bright;	36.5;	49;	1Alp UMi ;	1.99;	6300;occ;	73;	0;	41419
8;	3615.0;	31-JAN-2010 15:48:29;	Bright;	41.5;	60;	7Bet UMi ;	2.08;	3950;occ;	83;	0;	41419
9;	3897.7;	31-JAN-2010 15:53:12;	Bright;	43.5;	119;	14Eta Dra ;	2.73;	4700;occ;	87;	0;	41419
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3; 86.1; 29-JAN-2010 22:35:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41395  
4; 178.6; 29-JAN-2010 22:36:51; Dark ; 41.0; 4; Alp1Cen ;-0.01; 5800;occ; 82; 0;41395  
5; 287.3; 29-JAN-2010 22:38:40; Dark ; 44.0; 77; Eps Cen ; 2.30; 28000;occ; 88; 0;41395  
6; 454.0; 29-JAN-2010 22:41:26; Dark ; 41.5; 12; Alp1Cru ; 0.77; 30000;occ; 83; 0;41395  
7; 567.4; 29-JAN-2010 22:43:20; Dark ; 47.0; 99; Del Cen ; 2.58; 26000;occ; 94; 0;41395  
8; 698.6; 29-JAN-2010 22:45:31; Dark ; 38.0; 159; Ups Car ; 2.92; 7200;occ; 76; 0;41395  
9; 813.5; 29-JAN-2010 22:47:26; Dark ; 39.0; 71; Iot Car ; 2.25; 7700;occ; 78; 0;41395  
10; 919.4; 29-JAN-2010 22:49:12; Dark ; 43.0; 46; Del Vel ; 1.95; 10600;occ; 86; 0;41395  
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13; 1406.7; 29-JAN-2010 22:57:19; Dark ; 39.5; 88; 31Eta CMa ; 2.45; 20000;occ; 79; 0;41395  
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19; 4087.1; 29-JAN-2010 23:41:59; Bright; 35.5; 130; 23Bet Dra ; 2.80; 5800;occ; 71; 0;41395  
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21; 4483.0; 29-JAN-2010 23:48:35; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;41395  
22; 4789.1; 29-JAN-2010 23:53:41; Bright; 36.0; 59; 55Alp Oph ; 2.08; 8900;occ; 72; 0;41395  
23; 4916.6; 29-JAN-2010 23:55:49; Bright; 53.0; 126; 60Bet Oph ; 2.77; 4250;occ; 106; 0;41395

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14; 560.2; 29-JAN-2010 07:37:49; Dark ; 44.5; 99; Del Cen ; 2.58; 26000;occ; 89; 0;41386  
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4; 2461.1; 29-JAN-2010 08:09:30; Bright; 38.5; 24; 66Alp Gem ; 1.58; 10200;occ; 77; 0;41386  
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6; 3623.1; 29-JAN-2010 08:28:52; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;41386  
7; 3902.8; 29-JAN-2010 08:33:32; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;41386  
8; 4087.0; 29-JAN-2010 08:36:36; Bright; 39.5; 130; 23Bet Dra ; 2.80; 5800;occ; 79; 0;41386  
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16; 6116.5; 29-JAN-2010 09:10:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41386  
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22; 6846.8; 29-JAN-2010 09:22:36; Dark ; 46.0; 71; Iot Car ; 2.25; 7700;occ; 92; 0;41386  
23; 6953.0; 29-JAN-2010 09:24:22; Dark ; 43.5; 46; Del Vel ; 1.95; 10600;occ; 87; 0;41386  
24; 7106.4; 29-JAN-2010 09:26:55; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;41386  
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3; 2337.9; 29-JAN-2010 09:48:03; Bright; 38.5; 170; 27Eps Gem ; 3.00; 9700;occ; 77; 0;41387  
4; 2460.8; 29-JAN-2010 09:50:06; Bright; 40.0; 24; 66Alp Gem ; 1.58; 10200;occ; 80; 0;41387  
5; 3427.6; 29-JAN-2010 10:06:12; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;41387  
6; 3622.9; 29-JAN-2010 10:09:28; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;41387  
7; 3902.6; 29-JAN-2010 10:14:07; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;41387  
8; 4087.1; 29-JAN-2010 10:17:12; Bright; 41.0; 130; 23Bet Dra ; 2.80; 5800;occ; 82; 0;41387  
9; 4299.4; 29-JAN-2010 10:20:44; Bright; 33.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 67; 0;41387  
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12; 4914.4; 29-JAN-2010 10:30:59; Bright; 53.0; 126; 60Bet Oph ; 2.77; 4250;occ; 106; 0;41387  
13; 5296.3; 29-JAN-2010 10:37:21; Dark ; 43.5; 86; 35Eta Oph ; 2.43; 10200;occ; 87; 0;41387  
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3; 2337.9; 29-JAN-2010 11:28:39; Bright; 37.5; 170; 27Eps Gem ; 3.00; 9700;occ; 75; 0;41388
4; 2460.8; 29-JAN-2010 11:30:42; Bright; 38.5; 24; 66Alp Gem ; 1.58; 10200;occ; 77; 0;41388
5; 3427.2; 29-JAN-2010 11:46:48; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;41388
6; 3622.6; 29-JAN-2010 11:50:03; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;41388
7; 3902.4; 29-JAN-2010 11:54:43; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;41388
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22; 6847.5; 29-JAN-2010 12:43:48; Dark ; 46.0; 71; Iot Car ; 2.25; 7700;occ; 92; 0;41388
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25; 7232.7; 29-JAN-2010 14:30:49; Dark ; 41.0; 70; Zet Pup ; 2.25; 39000;occ; 82; 0;41389
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2;	-1949.0;	30-JAN-2010	03:03:11;	Bright;	;	41.5;	130;	23Bet Dra	;	2.80;	5800;	occ;	83;	0;	41397
3;	-1735.2;	30-JAN-2010	03:06:45;	Bright;	;	33.0;	5;	3Alp Lyr	;	0.03;	11000;	occ;	66;	0;	41397
4;	-1552.4;	30-JAN-2010	03:09:48;	Bright;	;	40.5;	133;	40Zet Her	;	2.81;	6000;	occ;	81;	0;	41397
5;	-1246.2;	30-JAN-2010	03:14:54;	Bright;	;	54.0;	59;	55Alp Oph	;	2.08;	8900;	occ;	108;	0;	41397
6;	-1118.4;	30-JAN-2010	03:17:01;	Bright;	;	35.5;	126;	60Bet Oph	;	2.77;	4250;	occ;	71;	0;	41397
7;	-734.9;	30-JAN-2010	03:23:25;	Dark	;	40.5;	86;	35Eta Oph	;	2.43;	10200;	occ;	81;	0;	41397
8;	-481.8;	30-JAN-2010	03:27:38;	Dark	;	58.0;	16;	21Alp Sco	;	1.02;	3000;	occ;	116;	0;	41397
9;	-137.4;	30-JAN-2010	03:33:23;	Dark	;	42.0;	131;	Gam Lup	;	2.80;	26000;	occ;	84;	0;	41397
10;	88.2;	30-JAN-2010	03:37:08;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	41398
11;	180.2;	30-JAN-2010	03:38:40;	Dark	;	41.0;	4;	Alp1Cen	;	-0.01;	5800;	occ;	82;	0;	41398
12;	289.9;	30-JAN-2010	03:40:30;	Dark	;	42.0;	77;	Eps Cen	;	2.30;	28000;	occ;	84;	0;	41398
13;	455.9;	30-JAN-2010	03:43:16;	Dark	;	49.5;	12;	Alp1Cru	;	0.77;	30000;	occ;	99;	0;	41398
14;	570.2;	30-JAN-2010	03:45:10;	Dark	;	45.0;	99;	Del Cen	;	2.58;	26000;	occ;	90;	0;	41398
15;	699.6;	30-JAN-2010	03:47:19;	Dark	;	38.0;	159;	Ups Car	;	2.92;	7200;	occ;	76;	0;	41398
16;	814.6;	30-JAN-2010	03:49:14;	Dark	;	43.5;	71;	Iot Car	;	2.25;	7700;	occ;	87;	0;	41398
17;	920.6;	30-JAN-2010	03:51:00;	Dark	;	40.0;	46;	Del Vel	;	1.95;	10600;	occ;	80;	0;	41398
18;	1073.3;	30-JAN-2010	03:53:33;	Dark	;	42.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	85;	0;	41398
19;	1198.6;	30-JAN-2010	03:55:38;	Dark	;	41.5;	70;	Zet Pup	;	2.25;	39000;	occ;	83;	0;	41398
20;	1407.6;	30-JAN-2010	03:59:07;	Dark	;	41.5;	88;	31Eta CMa	;	2.45;	20000;	occ;	83;	0;	41398
21;	1992.7;	30-JAN-2010	04:08:53;	Dark	;	46.5;	8;	10Alp CMi	;	0.40;	6500;	occ;	93;	0;	41398
22;	2459.3;	30-JAN-2010	04:16:39;	Bright;	;	40.5;	24;	66Alp Gem	;	1.58;	10200;	occ;	81;	0;	41398
23;	3427.3;	30-JAN-2010	04:32:47;	Bright;	;	33.5;	49;	1Alp UMi	;	1.99;	6300;	occ;	67;	0;	41398
24;	3620.2;	30-JAN-2010	04:36:00;	Bright;	;	17.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	34;	0;	41398
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100130_043600_000060752086_00262_41398_9411.N1															
1;	-2415.8;	30-JAN-2010	04:36:00;	Bright;	;	39.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	78;	0;	41398
2;	-2134.9;	30-JAN-2010	04:40:41;	Bright;	;	42.0;	119;	14Eta Dra	;	2.73;	4700;	occ;	84;	0;	41398
3;	-1949.0;	30-JAN-2010	04:43:47;	Bright;	;	35.5;	130;	23Bet Dra	;	2.80;	5800;	occ;	71;	0;	41398
4;	-1735.0;	30-JAN-2010	04:47:21;	Bright;	;	36.0;	5;	3Alp Lyr	;	0.03;	11000;	occ;	72;	0;	41398
5;	-1552.4;	30-JAN-2010	04:50:24;	Bright;	;	41.5;	133;	40Zet Her	;	2.81;	6000;	occ;	83;	0;	41398
6;	-1246.0;	30-JAN-2010	04:55:30;	Bright;	;	36.5;	59;	55Alp Oph	;	2.08;	8900;	occ;	73;	0;	41398
7;	-1118.3;	30-JAN-2010	04:57:38;	Bright;	;	53.0;	126;	60Bet Oph	;	2.77;	4250;	occ;	106;	0;	41398
8;	-734.7;	30-JAN-2010	05:04:01;	Dark	;	44.0;	86;	35Eta Oph	;	2.43;	10200;	occ;	88;	0;	41398
9;	-481.1;	30-JAN-2010	05:08:15;	Dark	;	50.5;	16;	21Alp Sco	;	1.02;	3000;	occ;	101;	0;	41398
10;	-402.7;	30-JAN-2010	05:09:33;	Dark	;	43.5;	158;	6Pi Sco	;	2.91;	28000;	occ;	87;	0;	41398
11;	-136.7;	30-JAN-2010	05:13:59;	Dark	;	42.5;	131;	Gam Lup	;	2.80;	26000;	occ;	85;	0;	41398
12;	88.8;	30-JAN-2010	05:17:45;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	41399
13;	180.7;	30-JAN-2010	05:19:17;	Dark	;	55.0;	4;	Alp1Cen	;	-0.01;	5800;	occ;	110;	0;	41399
14;	290.8;	30-JAN-2010	05:21:07;	Dark	;	43.5;	77;	Eps Cen	;	2.30;	28000;	occ;	87;	0;	41399
15;	456.4;	30-JAN-2010	05:23:52;	Dark	;	44.5;	12;	Alp1Cru	;	0.77;	30000;	occ;	89;	0;	41399
16;	570.8;	30-JAN-2010	05:25:47;	Dark	;	44.5;	99;	Del Cen	;	2.58;	26000;	occ;	89;	0;	41399
17;	700.1;	30-JAN-2010	05:27:56;	Dark	;	38.0;	159;	Ups Car	;	2.92;	7200;	occ;	76;	0;	41399
18;	815.0;	30-JAN-2010	05:29:51;	Dark	;	43.5;	71;	Iot Car	;	2.25;	7700;	occ;	87;	0;	41399
19;	921.0;	30-JAN-2010	05:31:37;	Dark	;	40.0;	46;	Del Vel	;	1.95;	10600;	occ;	80;	0;	41399
20;	1073.4;	30-JAN-2010	05:34:09;	Dark	;	40.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	81;	0;	41399
21;	1198.9;	30-JAN-2010	05:36:15;	Dark	;	40.0;	70;	Zet Pup	;	2.25;	39000;	occ;	80;	0;	41399
22;	1407.8;	30-JAN-2010	05:39:44;	Dark	;	40.0;	88;	31Eta CMa	;	2.45;	20000;	occ;	80;	0;	41399
23;	1992.6;	30-JAN-2010	05:49:28;	Dark	;	49.5;	8;	10Alp CMi	;	0.40;	6500;	occ;	99;	0;	41399
24;	2459.2;	30-JAN-2010	05:57:15;	Bright;	;	40.0;	24;	66Alp Gem	;	1.58;	10200;	occ;	80;	0;	41399
25;	3427.4;	30-JAN-2010	06:13:23;	Bright;	;	35.5;	49;	1Alp UMi	;	1.99;	6300;	occ;	71;	0;	41399
26;	3619.8;	30-JAN-2010	06:16:36;	Bright;	;	40.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	80;	0;	41399
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100130_203935_000038982086_00272_41408_9412.N1															
1;	1075.5;	30-JAN-2010	20:39:35;	Dark	;	42.0;	34;	Gam2Vel	;	1.79;	23000;	occ;	84;	0;	41408
2;	1201.0;	30-JAN-2010	20:41:40;	Dark	;	41.5;	70;	Zet Pup	;	2.25;	39000;	occ;	83;	0;	41408
3;	1409.2;	30-JAN-2010	20:45:08;	Dark	;	40.5;	88;	31Eta CMa	;	2.45;	20000;	occ;	81;	0;	41408
4;	1992.8;	30-JAN-2010	20:54:52;	Dark	;	47.0;	8;	10Alp CMi	;	0.40;	6500;	occ;	94;	0;	41408
5;	2339.7;	30-JAN-2010	21:00:39;	Bright;	;	37.0;	170;	27Eps Gem	;	3.00;	9700;	occ;	74;	0;	41408
6;	2458.2;	30-JAN-2010	21:02:37;	Bright;	;	38.5;	24;	66Alp Gem	;	1.58;	10200;	occ;	77;	0;	41408



7;	3427.6;	30-JAN-2010	21:18:47;	Bright;	33.5;	49;	1Alp UMi	;	1.99;	6300;occ;	67;	0;	41408	
8;	3617.8;	30-JAN-2010	21:21:57;	Bright;	39.5;	60;	7Bet UMi	;	2.08;	3950;occ;	79;	0;	41408	
9;	3899.4;	30-JAN-2010	21:26:39;	Bright;	39.5;	119;	14Eta Dra	;	2.73;	4700;occ;	79;	0;	41408	
10;	4086.8;	30-JAN-2010	21:29:46;	Bright;	37.0;	130;	23Bet Dra	;	2.80;	5800;occ;	74;	0;	41408	
11;	4302.6;	30-JAN-2010	21:33:22;	Bright;	37.5;	5;	3Alp Lyr	;	0.03;	11000;occ;	75;	0;	41408	
12;	4484.8;	30-JAN-2010	21:36:24;	Bright;	61.0;	133;	40Zet Her	;	2.81;	6000;occ;	122;	0;	41408	
13;	4792.7;	30-JAN-2010	21:41:32;	Bright;	36.5;	59;	55Alp Oph	;	2.08;	8900;occ;	73;	0;	41408	
14;	4920.5;	30-JAN-2010	21:43:40;	Bright;	53.5;	126;	60Bet Oph	;	2.77;	4250;occ;	107;	0;	41408	
/nas3/ENVISAT/GOMOS/GOM_NL_0P/GOM_NL_0PNPDE20100130_215005_000055772086_00272_41408_9413.N1														
1;	-729.8;	30-JAN-2010	21:50:05;	Dark	;	43.0;	86;	35Eta Oph	;	2.43;	10200;occ;	86;	0;	41408
2;	-474.4;	30-JAN-2010	21:54:21;	Dark	;	51.5;	16;	21Alp Sco	;	1.02;	3000;occ;	103;	0;	41408
3;	-129.0;	30-JAN-2010	22:00:06;	Dark	;	41.5;	131;	Gam Lup	;	2.80;	26000;occ;	83;	0;	41408
4;	2.9;	30-JAN-2010	22:02:18;	Dark	;	45.0;	109;	Bet Lup	;	2.68;	26000;occ;	90;	0;	41409
5;	95.7;	30-JAN-2010	22:03:51;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	41409
6;	186.3;	30-JAN-2010	22:05:21;	Dark	;	41.0;	4;	Alp1Cen	;	-0.01;	5800;occ;	82;	0;	41409
7;	298.4;	30-JAN-2010	22:07:14;	Dark	;	41.5;	77;	Eps Cen	;	2.30;	28000;occ;	83;	0;	41409
8;	461.7;	30-JAN-2010	22:09:57;	Dark	;	41.5;	12;	Alp1Cru	;	0.77;	30000;occ;	83;	0;	41409
9;	578.7;	30-JAN-2010	22:11:54;	Dark	;	45.5;	99;	Del Cen	;	2.58;	26000;occ;	91;	0;	41409
10;	703.4;	30-JAN-2010	22:13:59;	Dark	;	38.0;	159;	Ups Car	;	2.92;	7200;occ;	76;	0;	41409
11;	818.3;	30-JAN-2010	22:15:53;	Dark	;	44.5;	71;	Iot Car	;	2.25;	7700;occ;	89;	0;	41409
12;	923.9;	30-JAN-2010	22:17:39;	Dark	;	44.0;	46;	Del Vel	;	1.95;	10600;occ;	88;	0;	41409
13;	1075.7;	30-JAN-2010	22:20:11;	Dark	;	41.5;	34;	Gam2Vel	;	1.79;	23000;occ;	83;	0;	41409
14;	1200.9;	30-JAN-2010	22:22:16;	Dark	;	41.0;	70;	Zet Pup	;	2.25;	39000;occ;	82;	0;	41409
15;	1409.4;	30-JAN-2010	22:25:45;	Dark	;	40.0;	88;	31Eta CMa	;	2.45;	20000;occ;	80;	0;	41409
16;	1992.8;	30-JAN-2010	22:35:28;	Dark	;	48.5;	8;	10Alp CMi	;	0.40;	6500;occ;	97;	0;	41409
17;	2339.8;	30-JAN-2010	22:41:15;	Bright;	36.5;	170;	27Eps Gem	;	3.00;	9700;occ;	73;	0;	41409	
18;	2457.9;	30-JAN-2010	22:43:13;	Bright;	39.5;	24;	66Alp Gem	;	1.58;	10200;occ;	79;	0;	41409	
19;	3427.6;	30-JAN-2010	22:59:23;	Bright;	36.0;	49;	1Alp UMi	;	1.99;	6300;occ;	72;	0;	41409	
20;	3617.3;	30-JAN-2010	23:02:32;	Bright;	41.5;	60;	7Bet UMi	;	2.08;	3950;occ;	83;	0;	41409	
21;	3899.2;	30-JAN-2010	23:07:14;	Bright;	36.0;	119;	14Eta Dra	;	2.73;	4700;occ;	72;	0;	41409	
22;	4087.2;	30-JAN-2010	23:10:22;	Bright;	39.0;	130;	23Bet Dra	;	2.80;	5800;occ;	78;	0;	41409	
23;	4302.7;	30-JAN-2010	23:13:58;	Bright;	46.5;	5;	3Alp Lyr	;	0.03;	11000;occ;	93;	0;	41409	
24;	4485.1;	30-JAN-2010	23:17:00;	Bright;	42.5;	133;	40Zet Her	;	2.81;	6000;occ;	85;	0;	41409	
25;	4793.0;	30-JAN-2010	23:22:08;	Bright;	54.5;	59;	55Alp Oph	;	2.08;	8900;occ;	109;	0;	41409	
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1;	-729.4;	30-JAN-2010	23:30:42;	Dark	;	44.0;	86;	35Eta Oph	;	2.43;	10200;occ;	88;	0;	41409
2;	-473.8;	30-JAN-2010	23:34:57;	Dark	;	49.0;	16;	21Alp Sco	;	1.02;	3000;occ;	98;	0;	41409
3;	-393.0;	30-JAN-2010	23:36:18;	Dark	;	44.0;	158;	6Pi Sco	;	2.91;	28000;occ;	88;	0;	41409
4;	-128.1;	30-JAN-2010	23:40:43;	Dark	;	42.5;	131;	Gam Lup	;	2.80;	26000;occ;	85;	0;	41409
5;	3.8;	30-JAN-2010	23:42:55;	Dark	;	43.0;	109;	Bet Lup	;	2.68;	26000;occ;	86;	0;	41410
6;	96.4;	30-JAN-2010	23:44:27;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	41410
7;	186.5;	30-JAN-2010	23:45:58;	Dark	;	53.5;	4;	Alp1Cen	;	-0.01;	5800;occ;	107;	0;	41410
8;	299.3;	30-JAN-2010	23:47:50;	Dark	;	41.5;	77;	Eps Cen	;	2.30;	28000;occ;	83;	0;	41410
9;	462.2;	30-JAN-2010	23:50:33;	Dark	;	43.5;	12;	Alp1Cru	;	0.77;	30000;occ;	87;	0;	41410
10;	579.7;	30-JAN-2010	23:52:31;	Dark	;	45.0;	99;	Del Cen	;	2.58;	26000;occ;	90;	0;	41410
11;	703.6;	30-JAN-2010	23:54:35;	Dark	;	39.5;	159;	Ups Car	;	2.92;	7200;occ;	79;	0;	41410
12;	818.8;	30-JAN-2010	23:56:30;	Dark	;	42.5;	71;	Iot Car	;	2.25;	7700;occ;	85;	0;	41410
13;	924.1;	30-JAN-2010	23:58:15;	Dark	;	41.0;	46;	Del Vel	;	1.95;	10600;occ;	82;	0;	41410
14;	1076.2;	31-JAN-2010	00:00:47;	Dark	;	38.5;	34;	Gam2Vel	;	1.79;	23000;occ;	77;	0;	41410
15;	1201.5;	31-JAN-2010	00:02:53;	Dark	;	37.5;	70;	Zet Pup	;	2.25;	39000;occ;	75;	0;	41410
16;	1409.3;	31-JAN-2010	00:06:20;	Dark	;	39.5;	88;	31Eta CMa	;	2.45;	20000;occ;	79;	0;	41410
17;	1992.4;	31-JAN-2010	00:16:03;	Dark	;	47.0;	8;	10Alp CMi	;	0.40;	6500;occ;	94;	0;	41410
18;	2339.7;	31-JAN-2010	00:21:51;	Bright;	38.0;	170;	27Eps Gem	;	3.00;	9700;occ;	76;	0;	41410	
19;	2457.7;	31-JAN-2010	00:23:49;	Bright;	39.5;	24;	66Alp Gem	;	1.58;	10200;occ;	79;	0;	41410	
20;	3427.5;	31-JAN-2010	00:39:59;	Bright;	33.5;	49;	1Alp UMi	;	1.99;	6300;occ;	67;	0;	41410	
21;	3617.0;	31-JAN-2010	00:43:08;	Bright;	41.0;	60;	7Bet UMi	;	2.08;	3950;occ;	82;	0;	41410	
22;	3899.1;	31-JAN-2010	00:47:50;	Bright;	41.0;	119;	14Eta Dra	;	2.73;	4700;occ;	82;	0;	41410	
23;	4087.0;	31-JAN-2010	00:50:58;	Bright;	41.0;	130;	23Bet Dra	;	2.80;	5800;occ;	82;	0;	41410	
24;	4302.8;	31-JAN-2010	00:54:34;	Bright;	35.5;	5;	3Alp Lyr	;	0.03;	11000;occ;	71;	0;	41410	
25;	4485.4;	31-JAN-2010	00:57:36;	Bright;	43.5;	133;	40Zet Her	;	2.81;	6000;occ;	87;	0;	41410	
26;	4793.2;	31-JAN-2010	01:02:44;	Bright;	55.0;	59;	55Alp Oph	;	2.08;	8900;occ;	110;	0;	41410	
27;	4920.9;	31-JAN-2010	01:04:52;	Bright;	36.0;	126;	60Bet Oph	;	2.77;	4250;occ;	72;	0;	41410	
28;	5307.2;	31-JAN-2010	01:11:18;	Dark	;	18.5;	86;	35Eta Oph	;	2.43;	10200;occ;	37;	0;	41410
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1;	-2408.2;	30-JAN-2010	06:16:44;	Bright;	41.5;	60;	7Bet UMi	;	2.08;	3950;occ;	83;	16;	41399	
2;	-2135.3;	30-JAN-2010	06:21:17;	Bright;	42.0;	119;	14Eta Dra	;	2.73;	4700;occ;	84;	0;	41399	
3;	-1949.0;	30-JAN-2010	06:24:23;	Bright;	38.5;	130;	23Bet Dra	;	2.80;	5800;occ;	77;	0;	41399	
4;	-1734.8;	30-JAN-2010	06:27:57;	Bright;	33.5;	5;	3Alp Lyr	;	0.03;	11000;occ;	67;	0;	41399	

5;-1552.3; 30-JAN-2010 06:31:00; Bright; 61.0; 133; 40Zet Her ; 2.81; 6000;occ; 122; 0;41399  
6;-1245.5; 30-JAN-2010 06:36:06; Bright; 54.0; 59; 55Alp Oph ; 2.08; 8900;occ; 108; 0;41399  
7;-1118.1; 30-JAN-2010 06:38:14; Bright; 36.5; 126; 60Bet Oph ; 2.77; 4250;occ; 73; 0;41399  
8; -734.2; 30-JAN-2010 06:44:38; Dark ; 45.5; 86; 35Eta Oph ; 2.43; 10200;occ; 91; 0;41399  
9; -480.5; 30-JAN-2010 06:48:51; Dark ; 53.0; 16; 21Alp Sco ; 1.02; 3000;occ; 106; 0;41399  
10; -401.8; 30-JAN-2010 06:50:10; Dark ; 47.0; 158; 6Pi Sco ; 2.91; 28000;occ; 94; 0;41399  
11; -136.0; 30-JAN-2010 06:54:36; Dark ; 44.0; 131; Gam Lup ; 2.80; 26000;occ; 88; 0;41399  
12; 89.5; 30-JAN-2010 06:58:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41400  
13; 181.4; 30-JAN-2010 06:59:53; Dark ; 54.5; 4; Alp1Cen ;-0.01; 5800;occ; 109; 0;41400  
14; 291.5; 30-JAN-2010 07:01:43; Dark ; 44.0; 77; Eps Cen ; 2.30; 28000;occ; 88; 0;41400  
15; 457.0; 30-JAN-2010 07:04:29; Dark ; 50.0; 12; Alp1Cru ; 0.77; 30000;occ; 100; 0;41400  
16; 571.8; 30-JAN-2010 07:06:24; Dark ; 45.0; 99; Del Cen ; 2.58; 26000;occ; 90; 0;41400  
17; 700.5; 30-JAN-2010 07:08:32; Dark ; 39.5; 159; Ups Car ; 2.92; 7200;occ; 79; 0;41400  
18; 815.5; 30-JAN-2010 07:10:27; Dark ; 46.5; 71; Iot Car ; 2.25; 7700;occ; 93; 0;41400  
19; 921.4; 30-JAN-2010 07:12:13; Dark ; 44.5; 46; Del Vel ; 1.95; 10600;occ; 89; 0;41400  
20; 1073.8; 30-JAN-2010 07:14:46; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;41400  
21; 1199.0; 30-JAN-2010 07:16:51; Dark ; 41.0; 70; Zet Pup ; 2.25; 39000;occ; 82; 0;41400  
22; 1407.7; 30-JAN-2010 07:20:20; Dark ; 41.0; 88; 31Eta CMA ; 2.45; 20000;occ; 82; 0;41400

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2; 2195.9; 30-JAN-2010 07:33:28; Bright; 37.0; 44; 24Gam Gem ; 1.93; 11000;occ; 74; 0;41400  
3; 2339.1; 30-JAN-2010 07:35:51; Bright; 38.0; 170; 27Eps Gem ; 3.00; 9700;occ; 76; 0;41400  
4; 2459.2; 30-JAN-2010 07:37:51; Bright; 39.0; 24; 66Alp Gem ; 1.58; 10200;occ; 78; 0;41400  
5; 3427.5; 30-JAN-2010 07:53:59; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;41400  
6; 3619.8; 30-JAN-2010 07:57:12; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;41400  
7; 3900.4; 30-JAN-2010 08:01:52; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;41400  
8; 4087.0; 30-JAN-2010 08:04:59; Bright; 37.5; 130; 23Bet Dra ; 2.80; 5800;occ; 75; 0;41400  
9; 4301.6; 30-JAN-2010 08:08:33; Bright; 38.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 77; 0;41400  
10; 4483.7; 30-JAN-2010 08:11:36; Bright; 42.5; 133; 40Zet Her ; 2.81; 6000;occ; 85; 0;41400  
11; 4790.6; 30-JAN-2010 08:16:43; Bright; 54.0; 59; 55Alp Oph ; 2.08; 8900;occ; 108; 0;41400  
12; 4918.2; 30-JAN-2010 08:18:50; Bright; 35.5; 126; 60Bet Oph ; 2.77; 4250;occ; 71; 0;41400  
13; 5302.4; 30-JAN-2010 08:25:14; Dark ; 43.5; 86; 35Eta Oph ; 2.43; 10200;occ; 87; 0;41400  
14; 5556.2; 30-JAN-2010 08:29:28; Dark ; 48.5; 16; 21Alp Sco ; 1.02; 3000;occ; 97; 0;41400  
15; 5901.0; 30-JAN-2010 08:35:13; Dark ; 42.5; 131; Gam Lup ; 2.80; 26000;occ; 85; 0;41400  
16; 6126.1; 30-JAN-2010 08:38:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41400  
17; 6217.9; 30-JAN-2010 08:40:30; Dark ; 41.5; 4; Alp1Cen ;-0.01; 5800;occ; 83; 0;41400  
18; 6328.4; 30-JAN-2010 08:42:20; Dark ; 42.0; 77; Eps Cen ; 2.30; 28000;occ; 84; 0;41400  
19; 6493.4; 30-JAN-2010 08:45:05; Dark ; 42.0; 12; Alp1Cru ; 0.77; 30000;occ; 84; 0;41400  
20; 6608.3; 30-JAN-2010 08:47:00; Dark ; 46.0; 99; Del Cen ; 2.58; 26000;occ; 92; 0;41400  
21; 6736.6; 30-JAN-2010 08:49:08; Dark ; 38.5; 159; Ups Car ; 2.92; 7200;occ; 77; 0;41400  
22; 6851.8; 30-JAN-2010 08:51:04; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;41400  
23; 6957.5; 30-JAN-2010 08:52:49; Dark ; 43.5; 46; Del Vel ; 1.95; 10600;occ; 87; 0;41400  
24; 7109.9; 30-JAN-2010 08:55:22; Dark ; 41.0; 34; Gam2Vel ; 1.79; 23000;occ; 82; 0;41400  
25; 7235.2; 30-JAN-2010 08:57:27; Dark ; 42.0; 70; Zet Pup ; 2.25; 39000;occ; 84; 0;41400  
26; 7443.8; 30-JAN-2010 09:00:56; Dark ; 41.5; 88; 31Eta CMA ; 2.45; 20000;occ; 83; 0;41400

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3; 2339.0; 30-JAN-2010 09:16:27; Bright; 38.5; 170; 27Eps Gem ; 3.00; 9700;occ; 77; 0;41401  
4; 2459.1; 30-JAN-2010 09:18:27; Bright; 40.0; 24; 66Alp Gem ; 1.58; 10200;occ; 80; 0;41401  
5; 3427.7; 30-JAN-2010 09:34:35; Bright; 37.5; 49; 1Alp UMi ; 1.99; 6300;occ; 75; 0;41401  
6; 3619.3; 30-JAN-2010 09:37:47; Bright; 42.0; 60; 7Bet UMi ; 2.08; 3950;occ; 84; 0;41401  
7; 3900.3; 30-JAN-2010 09:42:28; Bright; 44.0; 119; 14Eta Dra ; 2.73; 4700;occ; 88; 0;41401  
8; 4087.2; 30-JAN-2010 09:45:35; Bright; 36.5; 130; 23Bet Dra ; 2.80; 5800;occ; 73; 0;41401  
9; 4301.3; 30-JAN-2010 09:49:09; Bright; 37.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 74; 0;41401  
10; 4484.0; 30-JAN-2010 09:52:12; Bright; 61.0; 133; 40Zet Her ; 2.81; 6000;occ; 122; 0;41401  
11; 4790.9; 30-JAN-2010 09:57:19; Bright; 54.0; 59; 55Alp Oph ; 2.08; 8900;occ; 108; 0;41401  
12; 4918.4; 30-JAN-2010 09:59:26; Bright; 53.0; 126; 60Bet Oph ; 2.77; 4250;occ; 106; 0;41401  
13; 5302.8; 30-JAN-2010 10:05:51; Dark ; 43.5; 86; 35Eta Oph ; 2.43; 10200;occ; 87; 0;41401  
14; 5556.7; 30-JAN-2010 10:10:04; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;41401  
15; 5901.4; 30-JAN-2010 10:15:49; Dark ; 42.5; 131; Gam Lup ; 2.80; 26000;occ; 85; 0;41401  
16; 6126.8; 30-JAN-2010 10:19:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41401  
17; 6218.4; 30-JAN-2010 10:21:06; Dark ; 41.0; 4; Alp1Cen ;-0.01; 5800;occ; 82; 0;41401  
18; 6329.0; 30-JAN-2010 10:22:57; Dark ; 44.5; 77; Eps Cen ; 2.30; 28000;occ; 89; 0;41401  
19; 6493.9; 30-JAN-2010 10:25:42; Dark ; 42.0; 12; Alp1Cru ; 0.77; 30000;occ; 84; 0;41401  
20; 6609.0; 30-JAN-2010 10:27:37; Dark ; 45.0; 99; Del Cen ; 2.58; 26000;occ; 90; 0;41401  
21; 6737.1; 30-JAN-2010 10:29:45; Dark ; 39.5; 159; Ups Car ; 2.92; 7200;occ; 79; 0;41401  
22; 6852.1; 30-JAN-2010 10:31:40; Dark ; 37.5; 71; Iot Car ; 2.25; 7700;occ; 75; 0;41401

23; 6957.5; 30-JAN-2010 10:33:25; Dark ; 41.0; 46; Del Vel ; 1.95; 10600;occ; 82; 0;41401  
24; 7110.4; 30-JAN-2010 10:35:58; Dark ; 42.5; 34; Gam2Vel ; 1.79; 23000;occ; 85; 0;41401  
25; 7235.3; 30-JAN-2010 10:38:03; Dark ; 41.5; 70; Zet Pup ; 2.25; 39000;occ; 83; 0;41401  
26; 7443.9; 30-JAN-2010 10:41:32; Dark ; 38.0; 88; 31Eta CMa ; 2.45; 20000;occ; 76; 0;41401  
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2; 2339.2; 30-JAN-2010 10:57:03; Bright; 37.5; 170; 27Eps Gem ; 3.00; 9700;occ; 75; 0;41402  
3; 2459.0; 30-JAN-2010 10:59:03; Bright; 39.5; 24; 66Alp Gem ; 1.58; 10200;occ; 79; 0;41402  
4; 3427.7; 30-JAN-2010 11:15:11; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;41402  
5; 3619.3; 30-JAN-2010 11:18:23; Bright; 45.5; 60; 7Bet UMi ; 2.08; 3950;occ; 91; 0;41402  
6; 3900.4; 30-JAN-2010 11:23:04; Bright; 42.0; 119; 14Eta Dra ; 2.73; 4700;occ; 84; 0;41402  
7; 4087.1; 30-JAN-2010 11:26:11; Bright; 35.0; 130; 23Bet Dra ; 2.80; 5800;occ; 70; 0;41402  
8; 4301.8; 30-JAN-2010 11:29:45; Bright; 33.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 66; 0;41402  
9; 4484.1; 30-JAN-2010 11:32:48; Bright; 40.0; 133; 40Zet Her ; 2.81; 6000;occ; 80; 0;41402  
10; 4791.0; 30-JAN-2010 11:37:55; Bright; 54.0; 59; 55Alp Oph ; 2.08; 8900;occ; 108; 0;41402  
11; 4918.8; 30-JAN-2010 11:40:02; Bright; 35.5; 126; 60Bet Oph ; 2.77; 4250;occ; 71; 0;41402  
12; 5303.2; 30-JAN-2010 11:46:27; Dark ; 42.5; 86; 35Eta Oph ; 2.43; 10200;occ; 85; 0;41402  
13; 5557.2; 30-JAN-2010 11:50:41; Dark ; 45.5; 16; 21Alp Sco ; 1.02; 3000;occ; 109; 0;41402  
14; 5636.9; 30-JAN-2010 11:52:01; Dark ; 44.0; 158; 6Pi Sco ; 2.91; 28000;occ; 88; 0;41402  
15; 5902.3; 30-JAN-2010 11:56:26; Dark ; 43.0; 131; Gam Lup ; 2.80; 26000;occ; 86; 0;41402  
16; 6033.5; 30-JAN-2010 11:58:37; Dark ; 44.5; 109; Bet Lup ; 2.68; 26000;occ; 89; 0;41402  
17; 6127.4; 30-JAN-2010 12:00:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41402  
18; 6218.7; 30-JAN-2010 12:01:42; Dark ; 42.0; 4; Alp1Cen ; -0.01; 5800;occ; 84; 0;41402  
19; 6329.6; 30-JAN-2010 12:03:33; Dark ; 42.5; 77; Eps Cen ; 2.30; 28000;occ; 85; 0;41402  
20; 6494.7; 30-JAN-2010 12:06:18; Dark ; 44.0; 12; Alp1Cru ; 0.77; 30000;occ; 88; 0;41402  
21; 6609.8; 30-JAN-2010 12:08:13; Dark ; 44.5; 99; Del Cen ; 2.58; 26000;occ; 89; 0;41402  
22; 6737.2; 30-JAN-2010 12:10:21; Dark ; 38.5; 159; Ups Car ; 2.92; 7200;occ; 77; 0;41402  
23; 6852.2; 30-JAN-2010 12:12:16; Dark ; 38.5; 71; Iot Car ; 2.25; 7700;occ; 77; 0;41402  
24; 6957.8; 30-JAN-2010 12:14:01; Dark ; 45.5; 46; Del Vel ; 1.95; 10600;occ; 91; 0;41402  
25; 7110.5; 30-JAN-2010 12:16:34; Dark ; 41.0; 34; Gam2Vel ; 1.79; 23000;occ; 82; 0;41402  
26; 7235.8; 30-JAN-2010 12:18:39; Dark ; 39.5; 70; Zet Pup ; 2.25; 39000;occ; 79; 0;41402  
27; 7444.2; 30-JAN-2010 12:22:08; Dark ; 39.0; 88; 31Eta CMa ; 2.45; 20000;occ; 78; 0;41402  
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2; 1992.8; 30-JAN-2010 12:31:52; Dark ; 49.0; 8; 10Alp CMi ; 0.40; 6500;occ; 98; 0;41403  
3; 2339.2; 30-JAN-2010 12:37:39; Bright; 36.5; 170; 27Eps Gem ; 3.00; 9700;occ; 73; 0;41403  
4; 2458.7; 30-JAN-2010 12:39:38; Bright; 54.0; 24; 66Alp Gem ; 1.58; 10200;occ; 108; 0;41403  
5; 3427.5; 30-JAN-2010 12:55:47; Bright; 38.0; 49; 1Alp UMi ; 1.99; 6300;occ; 76; 0;41403  
6; 3619.1; 30-JAN-2010 12:58:59; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;41403  
7; 3900.3; 30-JAN-2010 13:03:40; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;41403  
8; 4087.2; 30-JAN-2010 13:06:47; Bright; 36.0; 130; 23Bet Dra ; 2.80; 5800;occ; 72; 0;41403  
9; 4302.0; 30-JAN-2010 13:10:22; Bright; 35.5; 5; 3Alp Lyr ; 0.03; 11000;occ; 71; 0;41403  
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11; 4791.3; 30-JAN-2010 13:18:31; Bright; 37.0; 59; 55Alp Oph ; 2.08; 8900;occ; 74; 0;41403  
12; 4919.2; 30-JAN-2010 13:20:39; Bright; 53.0; 126; 60Bet Oph ; 2.77; 4250;occ; 106; 0;41403  
13; 5303.7; 30-JAN-2010 13:27:03; Dark ; 43.0; 86; 35Eta Oph ; 2.43; 10200;occ; 86; 0;41403  
14; 5558.1; 30-JAN-2010 13:31:18; Dark ; 49.0; 16; 21Alp Sco ; 1.02; 3000;occ; 98; 0;41403  
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16; 5903.0; 30-JAN-2010 13:37:03; Dark ; 43.5; 131; Gam Lup ; 2.80; 26000;occ; 87; 0;41403  
17; 6034.5; 30-JAN-2010 13:39:14; Dark ; 45.0; 109; Bet Lup ; 2.68; 26000;occ; 90; 0;41403  
18; 6128.2; 30-JAN-2010 13:40:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41403  
19; 6219.3; 30-JAN-2010 13:42:19; Dark ; 43.0; 4; Alp1Cen ; -0.01; 5800;occ; 86; 0;41403  
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21; 6495.2; 30-JAN-2010 13:46:55; Dark ; 51.5; 12; Alp1Cru ; 0.77; 30000;occ; 103; 0;41403  
22; 6610.8; 30-JAN-2010 13:48:50; Dark ; 44.5; 99; Del Cen ; 2.58; 26000;occ; 89; 0;41403  
23; 6737.8; 30-JAN-2010 13:50:57; Dark ; 41.0; 159; Ups Car ; 2.92; 7200;occ; 82; 0;41403  
24; 6852.6; 30-JAN-2010 13:52:52; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;41403  
25; 6958.1; 30-JAN-2010 13:54:38; Dark ; 37.5; 46; Del Vel ; 1.95; 10600;occ; 75; 0;41403  
26; 7110.9; 30-JAN-2010 13:57:10; Dark ; 41.0; 34; Gam2Vel ; 1.79; 23000;occ; 82; 0;41403  
27; 7236.1; 30-JAN-2010 13:59:16; Dark ; 41.5; 70; Zet Pup ; 2.25; 39000;occ; 83; 0;41403  
28; 7444.5; 30-JAN-2010 14:02:44; Dark ; 41.5; 88; 31Eta CMa ; 2.45; 20000;occ; 83; 0;41403  
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3; 2339.4; 30-JAN-2010 14:18:15; Bright; 36.0; 170; 27Eps Gem ; 3.00; 9700;occ; 72; 0;41404  
4; 2458.6; 30-JAN-2010 14:20:14; Bright; 39.5; 24; 66Alp Gem ; 1.58; 10200;occ; 79; 0;41404  
5; 3427.7; 30-JAN-2010 14:36:23; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;41404  
6; 3618.8; 30-JAN-2010 14:39:34; Bright; 43.5; 60; 7Bet UMi ; 2.08; 3950;occ; 87; 0;41404

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8; 4087.3; 30-JAN-2010 14:47:23; Bright; 39.5; 130; 23Bet Dra ; 2.80; 5800;occ; 79; 0;41404  
9; 4302.3; 30-JAN-2010 14:50:58; Bright; 39.0; 5; 3Alp Lyr ; 0.03; 11000;occ; 78; 0;41404  
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11; 4791.9; 30-JAN-2010 14:59:07; Bright; 48.5; 59; 55Alp Oph ; 2.08; 8900;occ; 97; 0;41404  
12; 4919.6; 30-JAN-2010 15:01:15; Bright; 35.0; 126; 60Bet Oph ; 2.77; 4250;occ; 70; 0;41404  
13; 5304.4; 30-JAN-2010 15:07:40; Dark ; 44.5; 86; 35Eta Oph ; 2.43; 10200;occ; 89; 0;41404  
14; 5558.8; 30-JAN-2010 15:11:54; Dark ; 51.0; 16; 21Alp Sco ; 1.02; 3000;occ; 102; 0;41404  
15; 5638.6; 30-JAN-2010 15:13:14; Dark ; 47.0; 158; 6Pi Sco ; 2.91; 28000;occ; 94; 0;41404  
16; 5903.9; 30-JAN-2010 15:17:39; Dark ; 42.0; 131; Gam Lup ; 2.80; 26000;occ; 84; 0;41404  
17; 6035.6; 30-JAN-2010 15:19:51; Dark ; 44.0; 109; Bet Lup ; 2.68; 26000;occ; 88; 0;41404  
18; 6128.9; 30-JAN-2010 15:21:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;41404  
19; 6219.8; 30-JAN-2010 15:22:55; Dark ; 42.5; 4; Alp1Cen ;-0.01; 5800;occ; 85; 0;41404  
20; 6331.5; 30-JAN-2010 15:24:47; Dark ; 43.5; 77; Eps Cen ; 2.30; 28000;occ; 87; 0;41404  
21; 6495.6; 30-JAN-2010 15:27:31; Dark ; 43.5; 12; Alp1Cru ; 0.77; 30000;occ; 87; 0;41404  
22; 6611.7; 30-JAN-2010 15:29:27; Dark ; 45.0; 99; Del Cen ; 2.58; 26000;occ; 90; 0;41404  
23; 6738.2; 30-JAN-2010 15:31:34; Dark ; 39.5; 159; Ups Car ; 2.92; 7200;occ; 79; 0;41404  
24; 6852.9; 30-JAN-2010 15:33:28; Dark ; 36.5; 71; Iot Car ; 2.25; 7700;occ; 73; 0;41404  
25; 6958.5; 30-JAN-2010 15:35:14; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;41404  
26; 7111.1; 30-JAN-2010 15:37:46; Dark ; 40.5; 34; Gam2Vel ; 1.79; 23000;occ; 81; 0;41404  
27; 7236.1; 30-JAN-2010 15:39:52; Dark ; 40.5; 70; Zet Pup ; 2.25; 39000;occ; 81; 0;41404

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