

GOMOS Daily Report 31-AUG-2009

Level 0 and Level 1 products

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This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM_TRA_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	03SEP2009 04:49:59
Data source version	GOMOS/5.00
Start time of products	31AUG2009 00:07:27
Stop time of products	31AUG2009 23:57:27
Store outputs in DB	Yes
Nb of level 1b prods	84
Nb of prods with errors	1

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

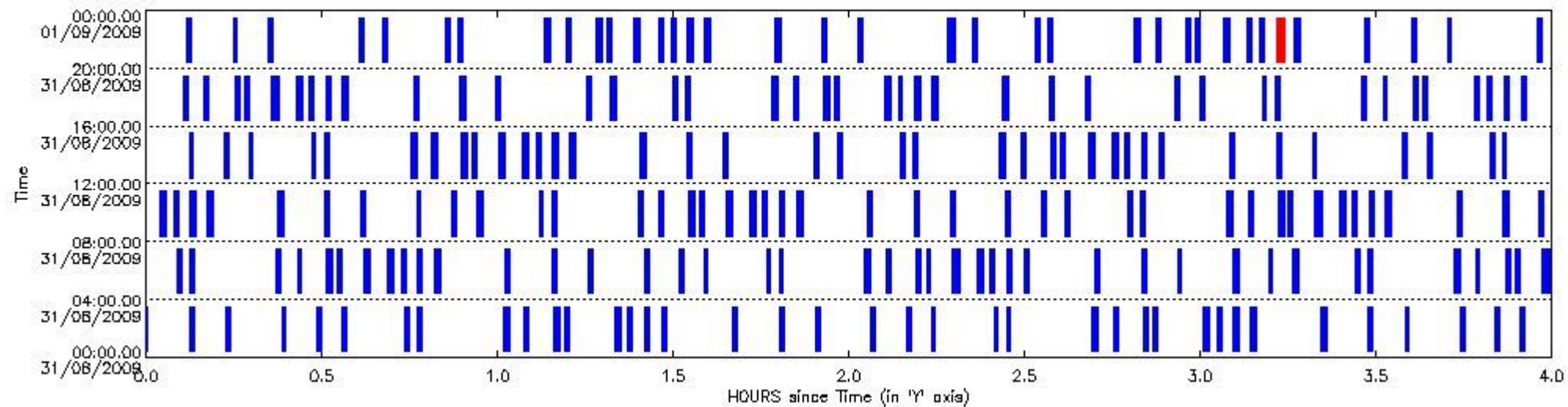
2.1 Level 0 products arrived in PCF (see template [here](#))

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)

UTC start time	Star name	Star ID	Orbit
31-AUG-2009 23:13:03	11AlpLep	101	39233

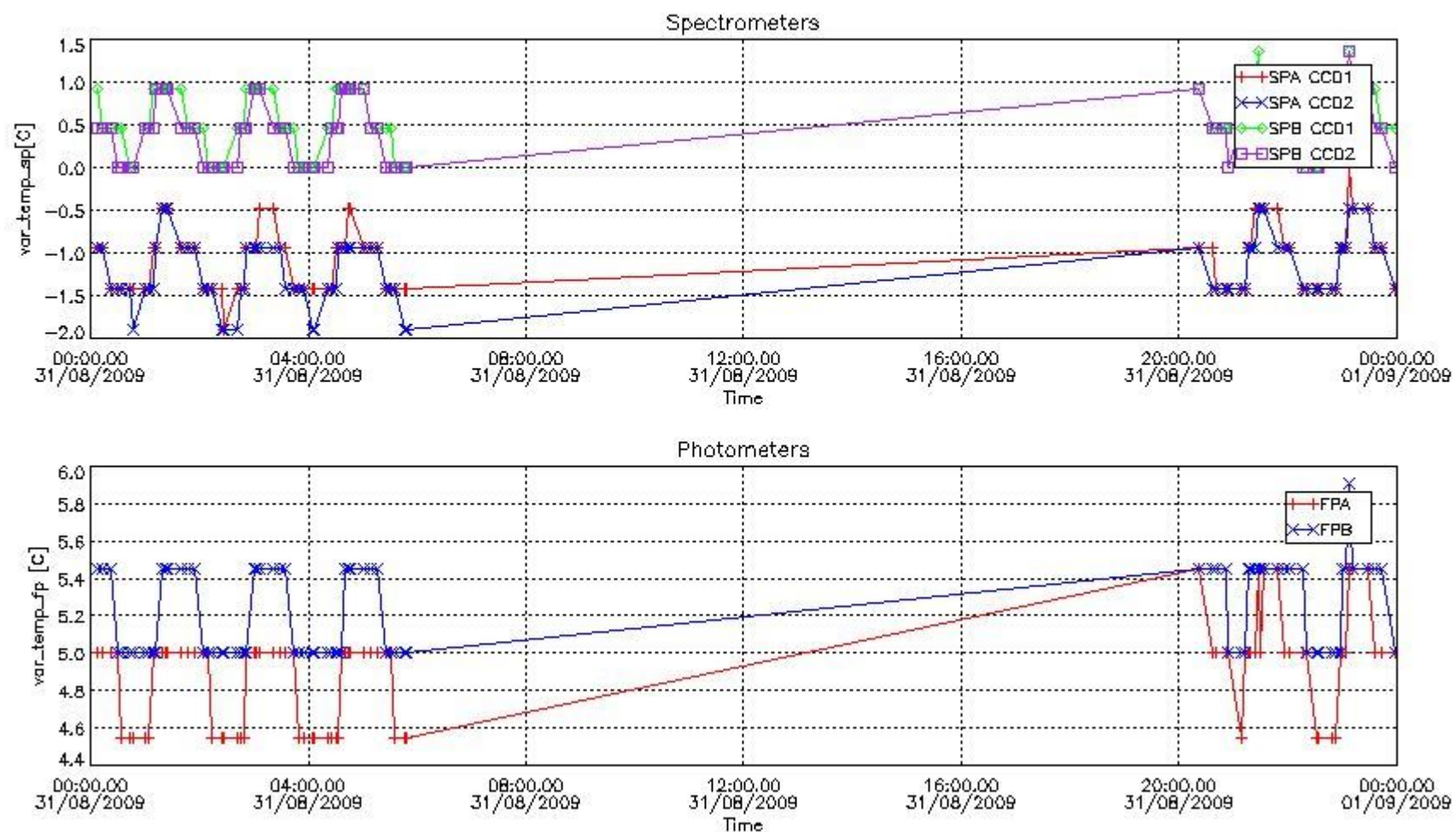
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20090831_000727_000000472082_00088_39220_4541.N1	31-AUG-2009 00:07:27	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	39220	No
2	GOM_TRA_1PNPDE20090831_001340_000000472082_00088_39220_4542.N1	31-AUG-2009 00:13:40	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39220	No
3	GOM_TRA_1PNPDE20090831_002310_000000392082_00088_39220_4543.N1	31-AUG-2009 00:23:10	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	39220	No
4	GOM_TRA_1PNPDE20090831_002912_000000482082_00088_39220_4544.N1	31-AUG-2009 00:29:12	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	39220	No
5	GOM_TRA_1PNPDE20090831_003323_000000562082_00088_39220_4545.N1	31-AUG-2009 00:33:23	Bright	55.500	164	44Eta Peg	2.9480	5400.0	111	39220	No
6	GOM_TRA_1PNPDE20090831_004407_000000452082_00088_39220_4546.N1	31-AUG-2009 00:44:07	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39220	No
7	GOM_TRA_1PNPDE20090831_004616_000000462082_00088_39220_4547.N1	31-AUG-2009 00:46:16	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39220	No
8	GOM_TRA_1PNPDE20090831_010054_000000612082_00088_39220_4548.N1	31-AUG-2009 01:00:54	Bright	61.000	6	13Alp Aur	0.080000	3400.0	122	39220	No
9	GOM_TRA_1PNPDE20090831_010432_000000452082_00088_39220_4549.N1	31-AUG-2009 01:04:32	Bright	45.000	107	37The Aur	2.6490	11000.	90	39220	No
10	GOM_TRA_1PNPDE20090831_010936_000000542082_00088_39220_4550.N1	31-AUG-2009 01:09:36	Twilight_stray	54.000	151	13Mu Gem	2.8900	3000.0	108	39220	No

11	GOM_TRA_1PNPDE20090831_011121_000000502082_00088_39220_4551.N1	31-AUG-2009 01:11:21	Tw_i_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	39220	No
12	GOM_TRA_1PNPDE20090831_011956_000000642082_00088_39220_4683.N1	31-AUG-2009 01:19:56	Dark	63.500	30	46Eps Ori	1.6940	30000.	127	39220	No
13	GOM_TRA_1PNPDE20090831_012214_000000482082_00088_39220_4684.N1	31-AUG-2009 01:22:14	Dark	48.000	47	2Bet CMa	1.9760	28000.	96	39220	No
14	GOM_TRA_1PNPDE20090831_012500_000000512082_00088_39220_4685.N1	31-AUG-2009 01:25:00	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	39220	No
15	GOM_TRA_1PNPDE20090831_014001_000000552082_00089_39221_4686.N1	31-AUG-2009 01:40:01	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39221	No
16	GOM_TRA_1PNPDE20090831_014804_000000482082_00089_39221_4687.N1	31-AUG-2009 01:48:04	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39221	No
17	GOM_TRA_1PNPDE20090831_015416_000000462082_00089_39221_4688.N1	31-AUG-2009 01:54:16	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39221	No
18	GOM_TRA_1PNPDE20090831_020346_000000392082_00089_39221_4689.N1	31-AUG-2009 02:03:46	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39221	No
19	GOM_TRA_1PNPDE20090831_020947_000000492082_00089_39221_4690.N1	31-AUG-2009 02:09:47	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	39221	No
20	GOM_TRA_1PNPDE20090831_021358_000000442082_00089_39221_4691.N1	31-AUG-2009 02:13:58	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39221	No
21	GOM_TRA_1PNPDE20090831_022442_000000422082_00089_39221_4692.N1	31-AUG-2009 02:24:42	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39221	No
22	GOM_TRA_1PNPDE20090831_022651_000000452082_00089_39221_4693.N1	31-AUG-2009 02:26:51	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39221	No
23	GOM_TRA_1PNPDE20090831_024129_000000572082_00089_39221_4830.N1	31-AUG-2009 02:41:29	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	39221	No
24	GOM_TRA_1PNPDE20090831_024508_000000472082_00089_39221_4831.N1	31-AUG-2009 02:45:08	Bright	47.000	107	37The Aur	2.6490	11000.	94	39221	No
25	GOM_TRA_1PNPDE20090831_025013_000000552082_00089_39221_4832.N1	31-AUG-2009 02:50:13	Tw_i_and_stray	55.000	151	13Mu Gem	2.8900	3000.0	110	39221	No
26	GOM_TRA_1PNPDE20090831_025157_000000492082_00089_39221_4833.N1	31-AUG-2009 02:51:57	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	39221	No
27	GOM_TRA_1PNPDE20090831_030034_000000642082_00089_39221_4834.N1	31-AUG-2009 03:00:34	Dark	64.000	30	46Eps Ori	1.6940	30000.	128	39221	No
28	GOM_TRA_1PNPDE20090831_030251_000000492082_00089_39221_4835.N1	31-AUG-2009 03:02:51	Dark	48.500	47	2Bet CMa	1.9760	28000.	97	39221	No
29	GOM_TRA_1PNPDE20090831_030537_000000542082_00089_39221_4836.N1	31-AUG-2009 03:05:37	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	39221	No
30	GOM_TRA_1PNPDE20090831_032038_000000562082_00090_39222_4837.N1	31-AUG-2009 03:20:38	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39222	No
31	GOM_TRA_1PNPDE20090831_032841_000000492082_00090_39222_4838.N1	31-AUG-2009 03:28:41	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39222	No
32	GOM_TRA_1PNPDE20090831_033452_000000462082_00090_39222_4839.N1	31-AUG-2009 03:34:52	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39222	No
33	GOM_TRA_1PNPDE20090831_034422_000000562082_00090_39222_4840.N1	31-AUG-2009 03:44:22	Bright	56.000	162	34Alp Aqr	2.9440	5350.0	112	39222	No
34	GOM_TRA_1PNPDE20090831_035023_000000492082_00090_39222_4841.N1	31-AUG-2009 03:50:23	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	39222	No
35	GOM_TRA_1PNPDE20090831_035434_000000442082_00090_39222_4842.N1	31-AUG-2009 03:54:34	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39222	No
36	GOM_TRA_1PNPDE20090831_040517_000000422082_00090_39222_4843.N1	31-AUG-2009 04:05:17	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39222	No
37	GOM_TRA_1PNPDE20090831_040726_000000462082_00090_39222_4844.N1	31-AUG-2009 04:07:26	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39222	No
38	GOM_TRA_1PNPDE20090831_042205_000000592082_00090_39222_5000.N1	31-AUG-2009 04:22:05	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	39222	No
39	GOM_TRA_1PNPDE20090831_042544_000000492082_00090_39222_5001.N1	31-AUG-2009 04:25:44	Bright	48.500	107	37The Aur	2.6490	11000.	97	39222	No
40	GOM_TRA_1PNPDE20090831_043049_000000542082_00090_39222_5002.N1	31-AUG-2009 04:30:49	Tw_i_and_stray	53.500	151	13Mu Gem	2.8900	3000.0	107	39222	No
41	GOM_TRA_1PNPDE20090831_043234_000000462082_00090_39222_5003.N1	31-AUG-2009 04:32:34	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	39222	No
42	GOM_TRA_1PNPDE20090831_043705_000000692082_00090_39222_5004.N1	31-AUG-2009 04:37:05	Dark	68.500	14	58Alp Ori	0.87000	3000.0	137	39222	No
43	GOM_TRA_1PNPDE20090831_044111_000000642082_00090_39222_5005.N1	31-AUG-2009 04:41:11	Dark	63.500	30	46Eps Ori	1.6940	30000.	127	39222	No
44	GOM_TRA_1PNPDE20090831_044327_000000482082_00090_39222_5006.N1	31-AUG-2009 04:43:27	Dark	48.000	47	2Bet CMa	1.9760	28000.	96	39222	No
45	GOM_TRA_1PNPDE20090831_044614_000000562082_00090_39222_5007.N1	31-AUG-2009 04:46:14	Dark	56.000	101	11Alp Lep	2.5820	7000.0	112	39222	No
46	GOM_TRA_1PNPDE20090831_050115_000000542082_00091_39223_5008.N1	31-AUG-2009 05:01:15	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39223	No
47	GOM_TRA_1PNPDE20090831_050917_000000492082_00091_39223_5009.N1	31-AUG-2009 05:09:17	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	39223	No
48	GOM_TRA_1PNPDE20090831_051528_000000472082_00091_39223_5010.N1	31-AUG-2009 05:15:28	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39223	No
49	GOM_TRA_1PNPDE20090831_052458_000000562082_00091_39223_5011.N1	31-AUG-2009 05:24:58	Bright	56.000	162	34Alp Aqr	2.9440	5350.0	112	39223	No
50	GOM_TRA_1PNPDE20090831_053058_000000472082_00091_39223_5012.N1	31-AUG-2009 05:30:58	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	39223	No
51	GOM_TRA_1PNPDE20090831_053509_000000442082_00091_39223_5013.N1	31-AUG-2009 05:35:09	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39223	No
52	GOM_TRA_1PNPDE20090831_054553_000000452082_00091_39223_5014.N1	31-AUG-2009 05:45:53	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39223	No
53	GOM_TRA_1PNPDE20090831_054801_000000452082_00091_39223_5015.N1	31-AUG-2009 05:48:01	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39223	No
54	GOM_TRA_1PNPDE20090831_202054_000000462082_00100_39232_5499.N1	31-AUG-2009 20:20:54	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	39232	No
55	GOM_TRA_1PNPDE20090831_203617_000000472082_00100_39232_5500.N1	31-AUG-2009 20:36:17	Bright	46.500	90	54Alp Peg	2.4870	11000.	93	39232	No
56	GOM_TRA_1PNPDE20090831_204028_000000412082_00100_39232_5501.N1	31-AUG-2009 20:40:28	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	39232	No
57	GOM_TRA_1PNPDE20090831_205110_000000432082_00100_39232_5502.N1	31-AUG-2009 20:51:10	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39232	No
58	GOM_TRA_1PNPDE20090831_205319_000000422082_00100_39232_5503.N1	31-AUG-2009 20:53:19	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39232	No
59	GOM_TRA_1PNPDE20090831_210802_000000612082_00100_39232_5504.N1	31-AUG-2009 21:08:02	Bright	60.500	6	13Alp Aur	0.080000	3400.0	121	39232	No
60	GOM_TRA_1PNPDE20090831_211143_000000492082_00100_39232_5505.N1	31-AUG-2009 21:11:43	Bright	49.000	107	37The Aur	2.6490	11000.	98	39232	No
61	GOM_TRA_1PNPDE20090831_211651_000000542082_00100_39232_5506.N1	31-AUG-2009 21:16:51	Tw_i_and_stray	53.500	151	13Mu Gem	2.8900	3000.0	107	39232	No
62	GOM_TRA_1PNPDE20090831_211837_000000492082_00100_39232_5507.N1	31-AUG-2009 21:18:37	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	39232	No
63	GOM_TRA_1PNPDE20090831_212312_000000722082_00100_39232_5508.N1	31-AUG-2009 21:23:12	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	39232	No
64	GOM_TRA_1PNPDE20090831_212722_000000502082_00100_39232_5628.N1	31-AUG-2009 21:27:22	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	39232	No
65	GOM_TRA_1PNPDE20090831_212934_000000482082_00100_39232_5629.N1	31-AUG-2009 21:29:34	Dark	47.500	47	2Bet CMa	1.9760	28000.	95	39232	No
66	GOM_TRA_1PNPDE20090831_213225_000000552082_00100_39232_5630.N1	31-AUG-2009 21:32:25	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	39232	No
67	GOM_TRA_1PNPDE20090831_214726_000000562082_00101_39233_5631.N1	31-AUG-2009 21:47:26	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39233	No
68	GOM_TRA_1PNPDE20090831_215522_000000462082_00101_39233_5632.N1	31-AUG-2009 21:55:22	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	39233	No
69	GOM_TRA_1PNPDE20090831_220131_000000472082_00101_39233_5633.N1	31-AUG-2009 22:01:31	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39233	No

70	GOM_TRA_1PNPDE20090831_221652_000000702082_00101_39233_5634.N1	31-AUG-2009 22:16:52	Bright	70.000	90	54Alp Peg	2.4870	11000.	140	39233	No
71	GOM_TRA_1PNPDE20090831_222103_000000442082_00101_39233_5635.N1	31-AUG-2009 22:21:03	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39233	No
72	GOM_TRA_1PNPDE20090831_223145_000000452082_00101_39233_5636.N1	31-AUG-2009 22:31:45	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39233	No
73	GOM_TRA_1PNPDE20090831_223354_000000462082_00101_39233_5637.N1	31-AUG-2009 22:33:54	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39233	No
74	GOM_TRA_1PNPDE20090831_224837_000000612082_00101_39233_5638.N1	31-AUG-2009 22:48:37	Bright	61.000	6	13Alp Aur	0.080000	3400.0	122	39233	No
75	GOM_TRA_1PNPDE20090831_225219_000000482082_00101_39233_5639.N1	31-AUG-2009 22:52:19	Bright	48.000	107	37The Aur	2.6490	11000.	96	39233	No
76	GOM_TRA_1PNPDE20090831_225728_000000522082_00101_39233_5640.N1	31-AUG-2009 22:57:28	Twilight	51.500	151	13Mu Gem	2.8900	3000.0	103	39233	No
77	GOM_TRA_1PNPDE20090831_225913_000000482082_00101_39233_5641.N1	31-AUG-2009 22:59:13	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	39233	No
78	GOM_TRA_1PNPDE20090831_230349_000000752082_00101_39233_5642.N1	31-AUG-2009 23:03:49	Dark	74.500	14	58Alp Ori	0.87000	3000.0	149	39233	No
79	GOM_TRA_1PNPDE20090831_230759_000000502082_00101_39233_5785.N1	31-AUG-2009 23:07:59	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	39233	Yes
80	GOM_TRA_1PNPDE20090831_231011_000000472082_00101_39233_5786.N1	31-AUG-2009 23:10:11	Dark	47.000	47	2Bet CMa	1.9760	28000.	94	39233	No
81	GOM_TRA_1PNPDE20090831_232803_000000552082_00102_39234_5787.N1	31-AUG-2009 23:28:03	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39234	No
82	GOM_TRA_1PNPDE20090831_233559_000000482082_00102_39234_5788.N1	31-AUG-2009 23:35:59	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	39234	No
83	GOM_TRA_1PNPDE20090831_234207_000000462082_00102_39234_5789.N1	31-AUG-2009 23:42:07	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	39234	No
84	GOM_TRA_1PNPDE20090831_235727_000000472082_00102_39234_5790.N1	31-AUG-2009 23:57:27	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	39234	No

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



4. Overview of dark signal processing per product

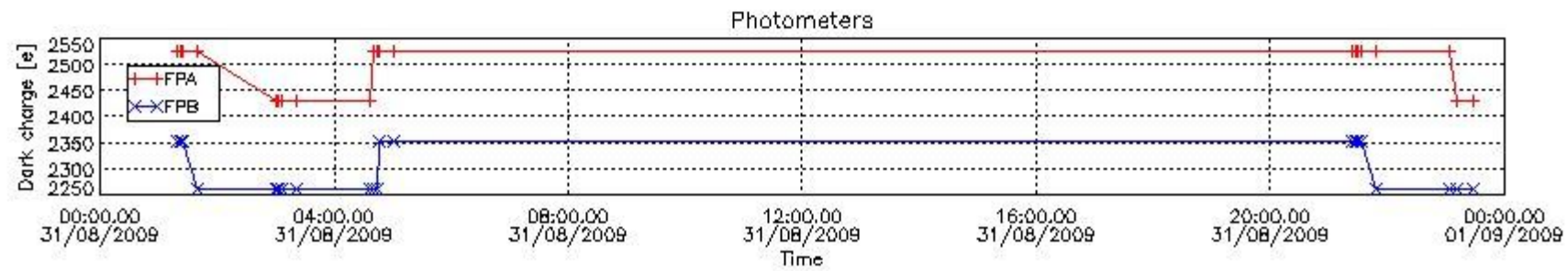
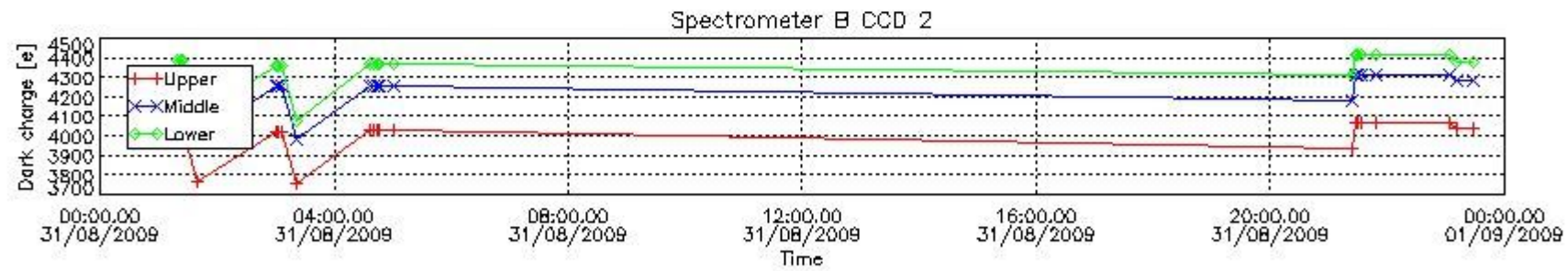
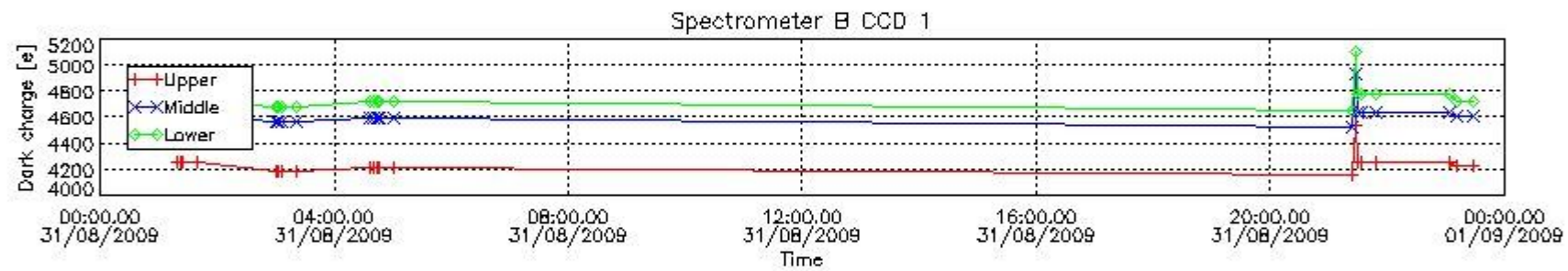
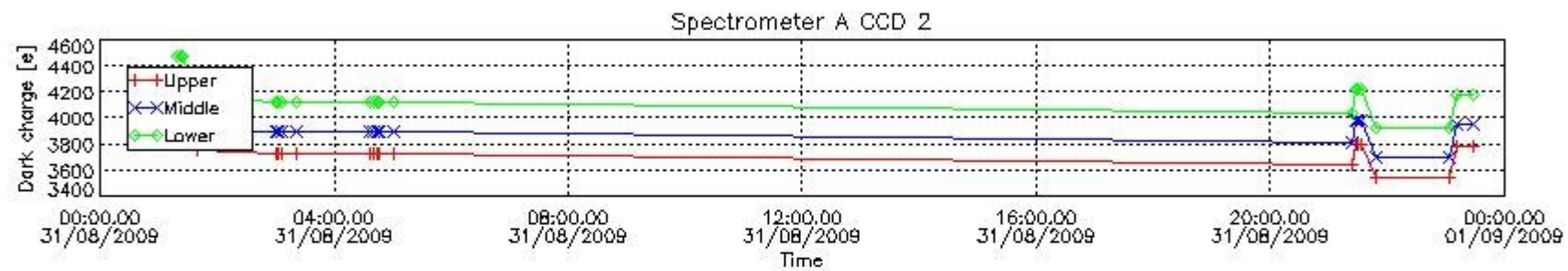
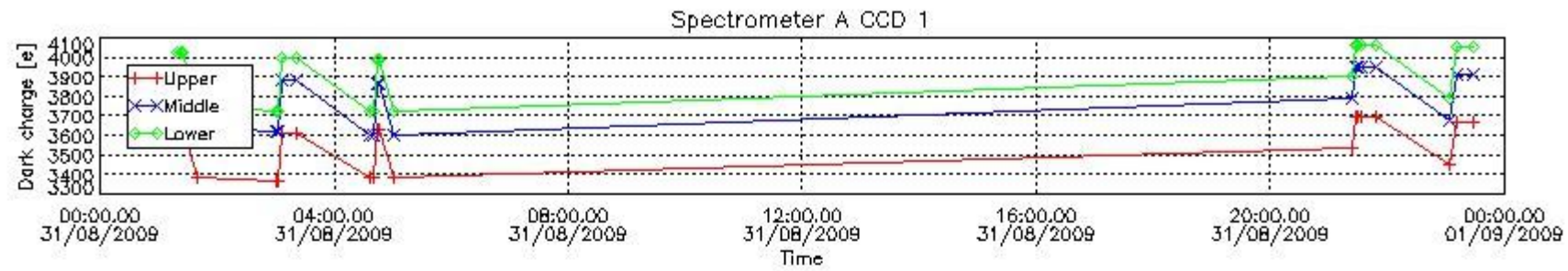
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20090831_202054_000000462082_00100_39232_5499.N1	DC map used
GOM_TRA_1PNPDE20090831_203617_000000472082_00100_39232_5500.N1	DC map used
GOM_TRA_1PNPDE20090831_204028_000000412082_00100_39232_5501.N1	DC map used
GOM_TRA_1PNPDE20090831_205110_000000432082_00100_39232_5502.N1	DC map used
GOM_TRA_1PNPDE20090831_205319_000000422082_00100_39232_5503.N1	DC map used
GOM_TRA_1PNPDE20090831_210802_000000612082_00100_39232_5504.N1	DC map used
GOM_TRA_1PNPDE20090831_211143_000000492082_00100_39232_5505.N1	DC map used
GOM_TRA_1PNPDE20090831_211651_000000542082_00100_39232_5506.N1	DC map used
GOM_TRA_1PNPDE20090831_211837_000000492082_00100_39232_5507.N1	DC map used
GOM_TRA_1PNPDE20090831_212312_000000722082_00100_39232_5508.N1	DC map used

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



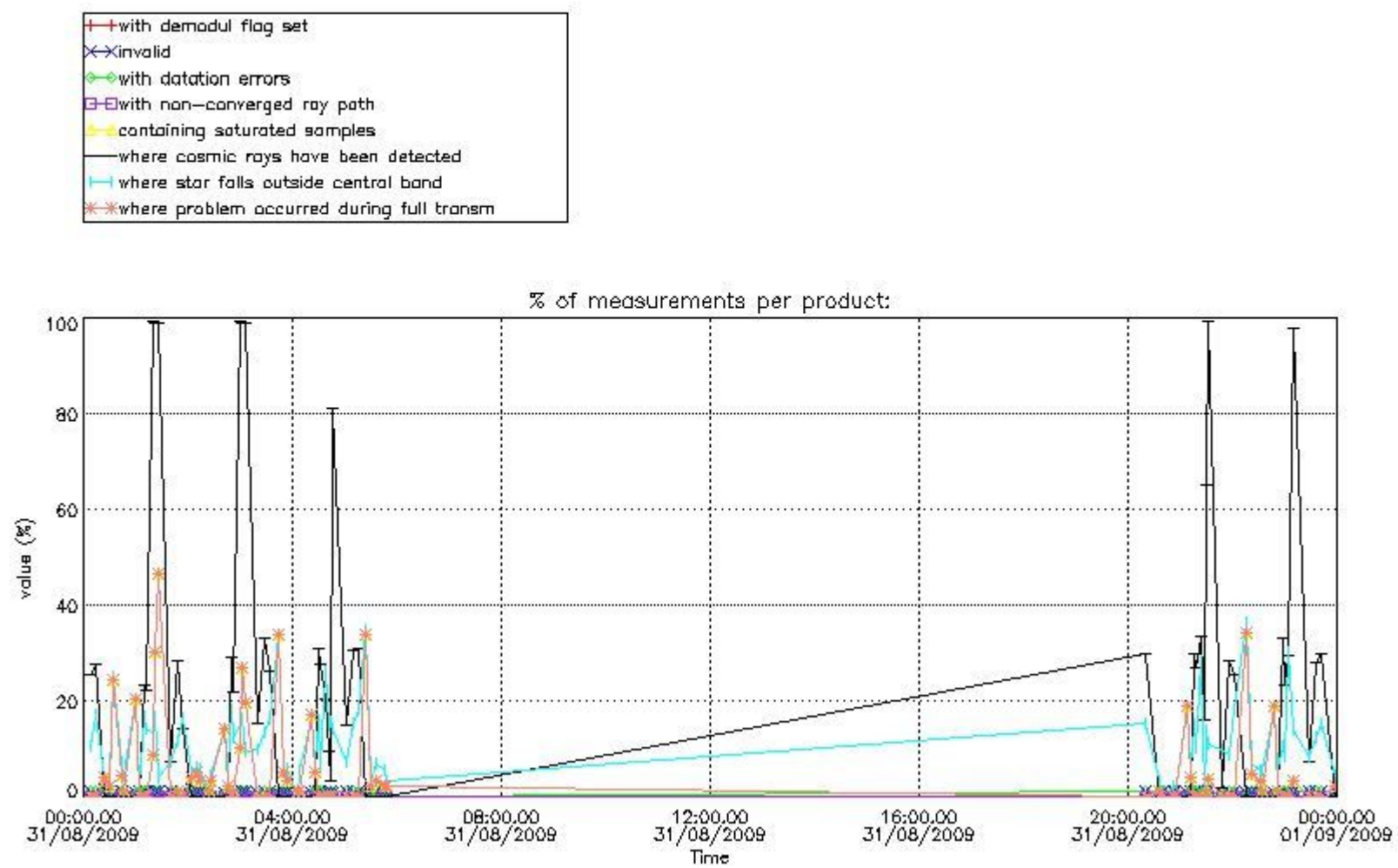
5. Demodulation flag and quality information monitoring

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.

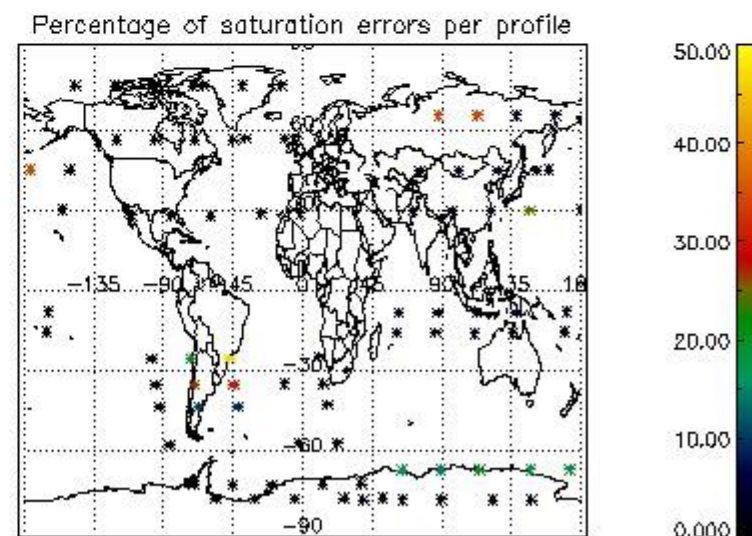
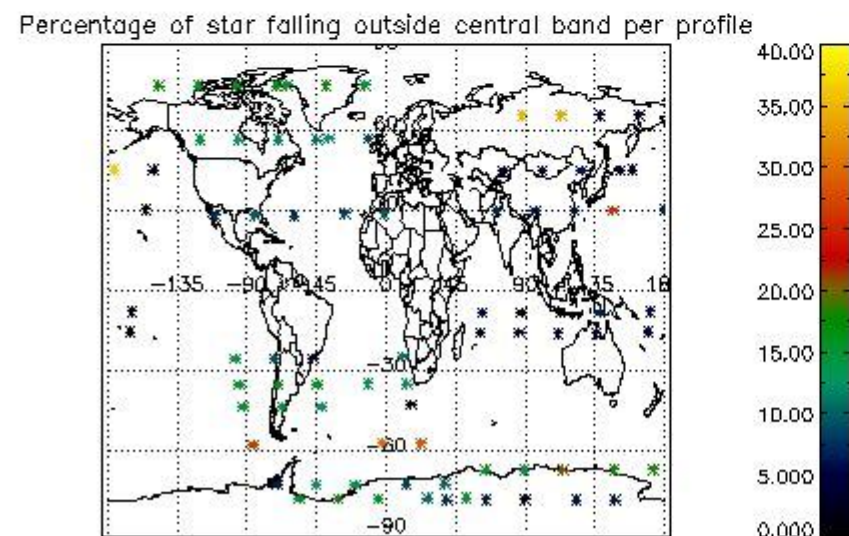
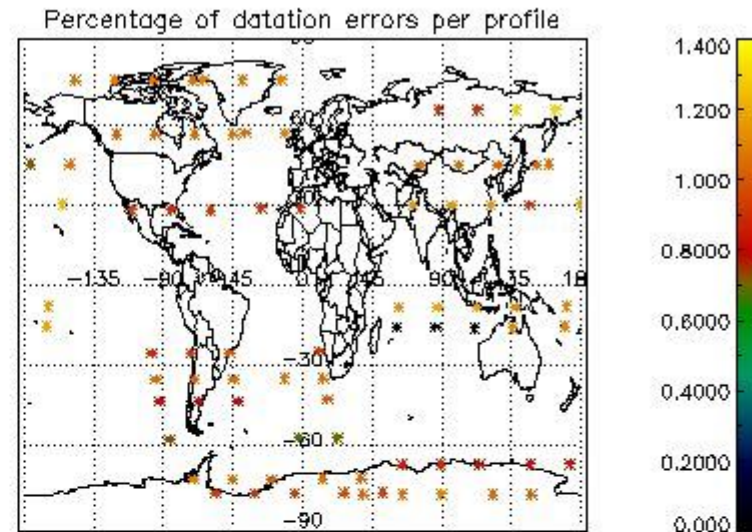
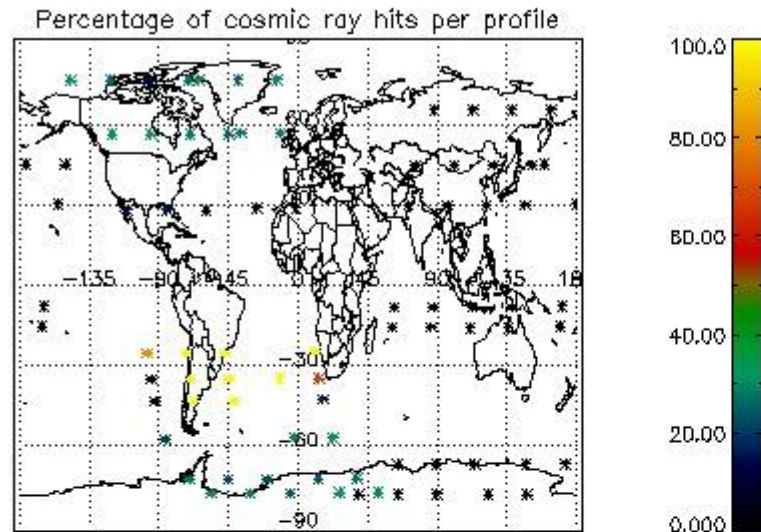
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	33.7349 %
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)



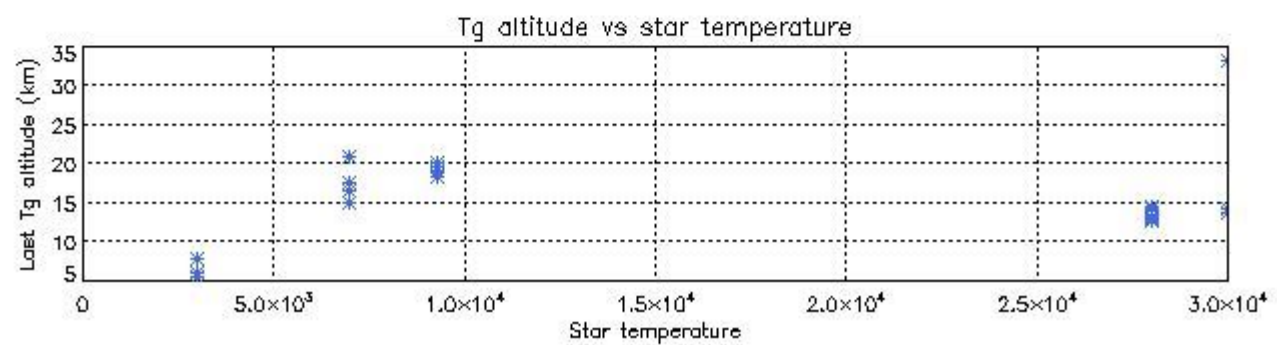
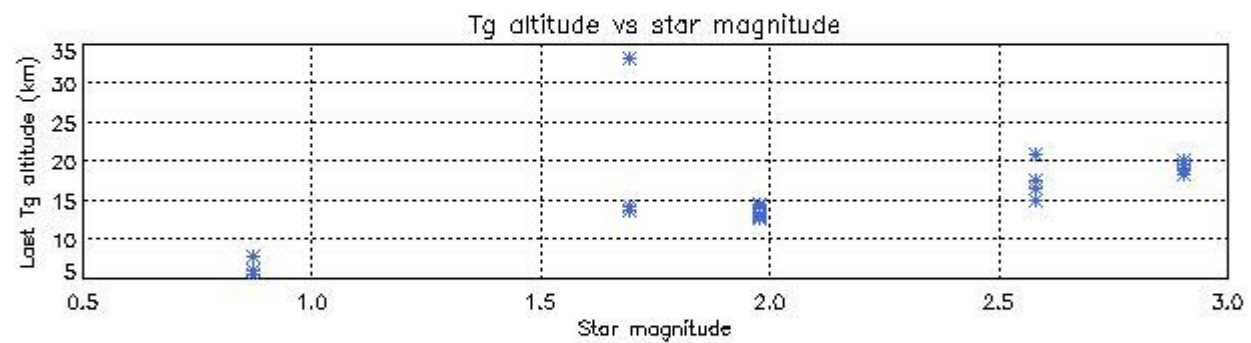
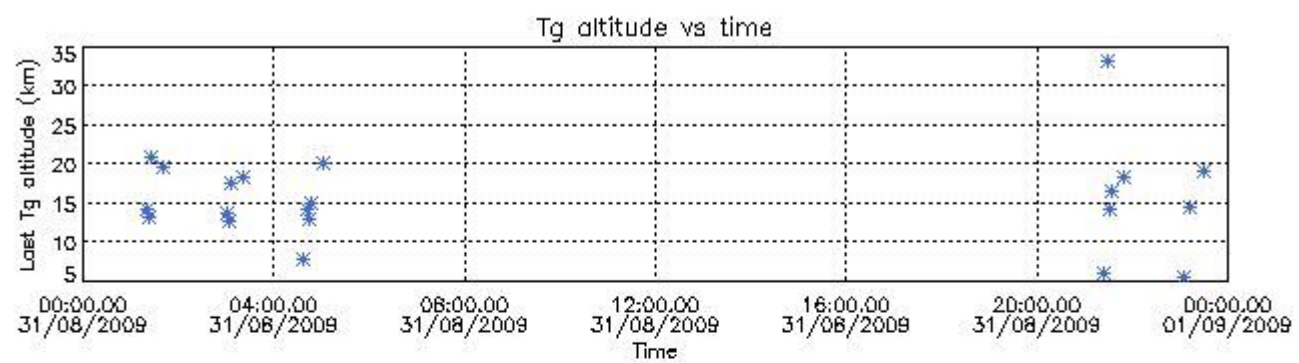
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.610	19.067	NaN
St. deviation:	5.8665	6.1284	NaN
Maximum:	33.216	28.408	NaN
Minimum:	5.5709	3.7084	NaN
Number of data:	21.000	39.000	NaN

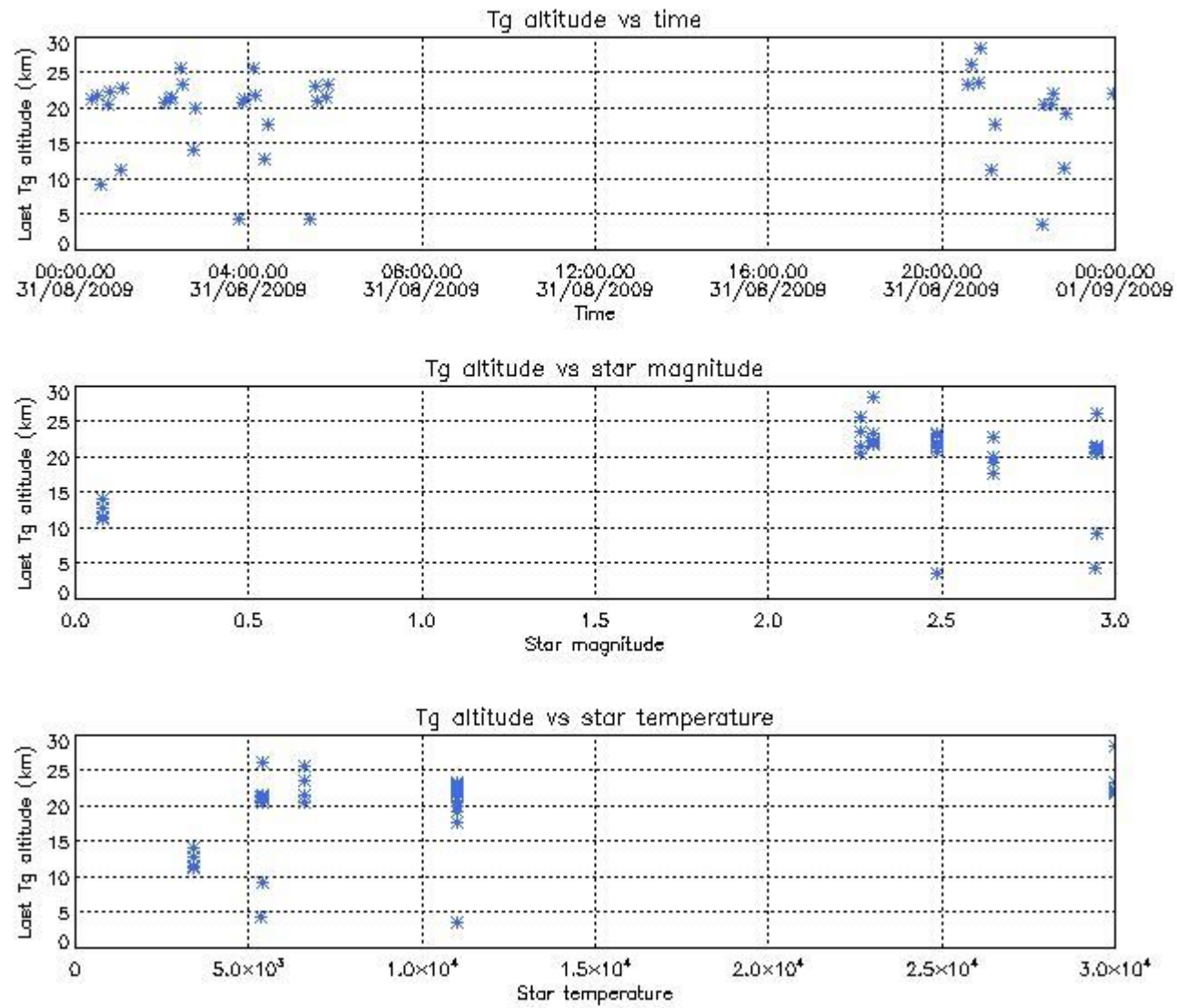
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

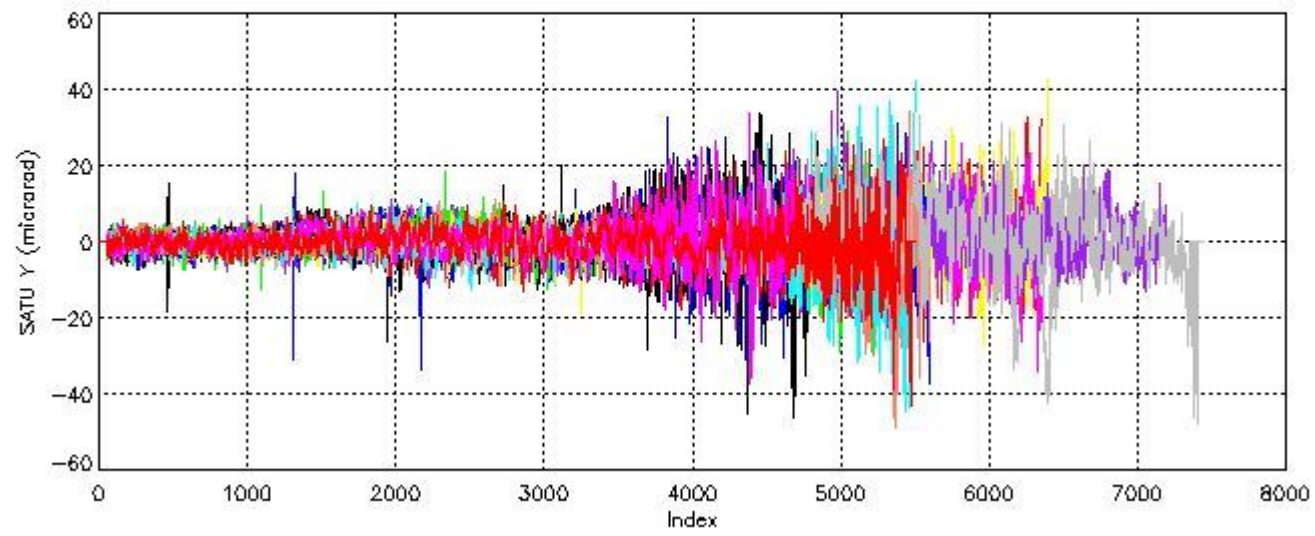
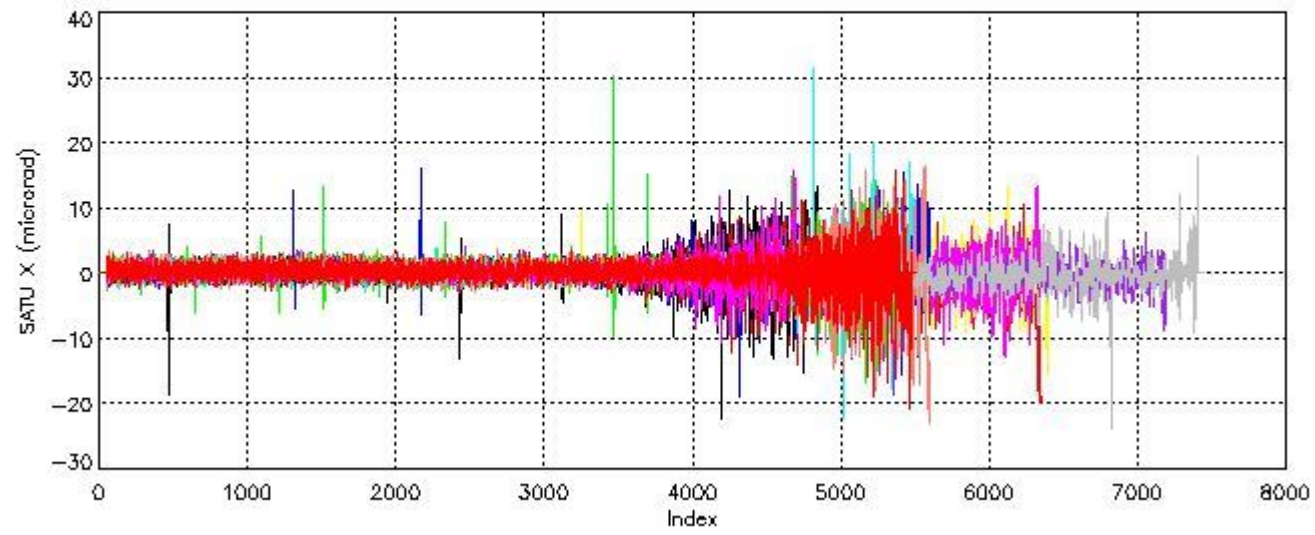


7. Star Acquisition and Tracking Unit (SATU)

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:	0.28987	-0.52056	0.30027	-0.43290
St. deviation:	0.65847	1.7123	0.84729	1.8801
Maximum:	7.6000	15.500	4.7000	9.2000
Minimum:	-18.600	-18.200	-4.0000	-8.8000

Number of data:	26250.	26250.	42150.	42150.
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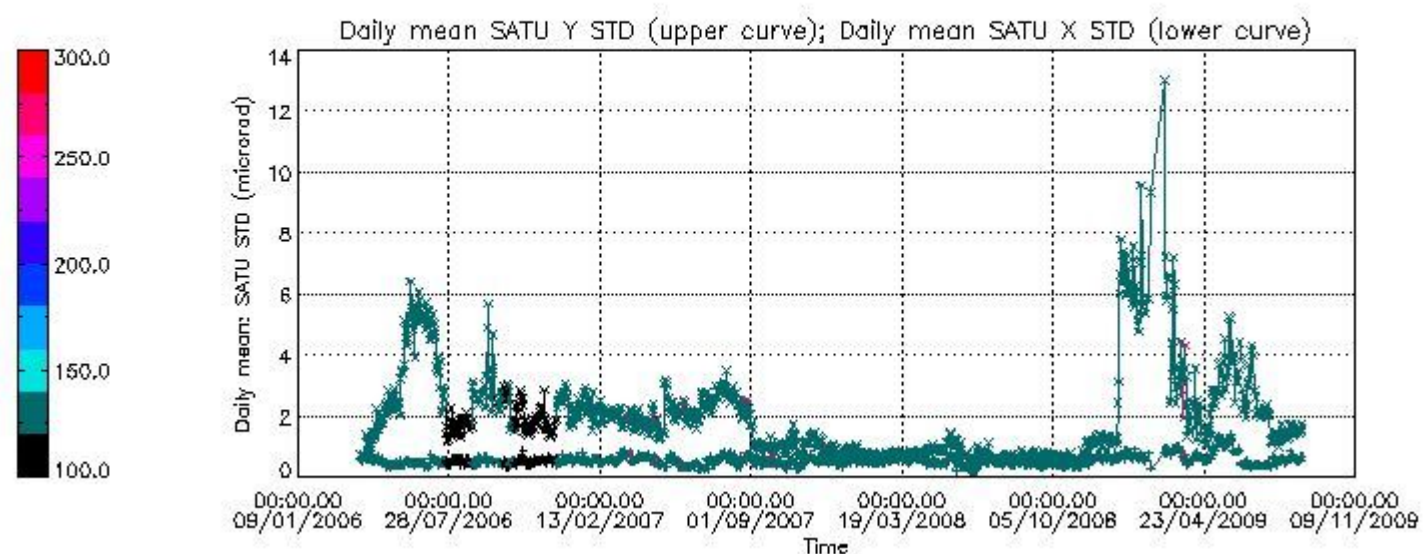
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

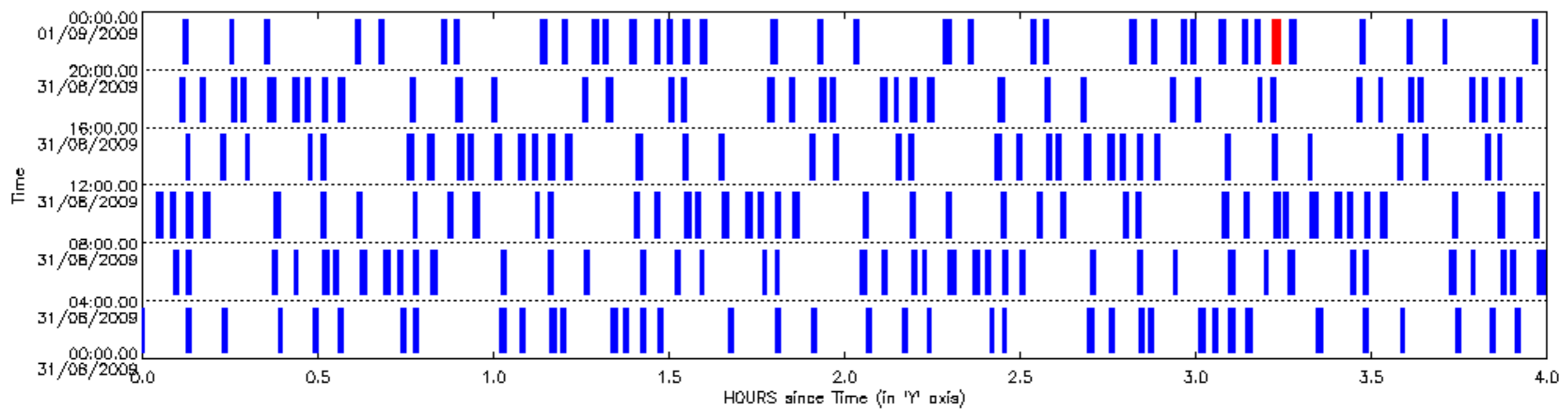
Lower curve: STD of SATU X axis

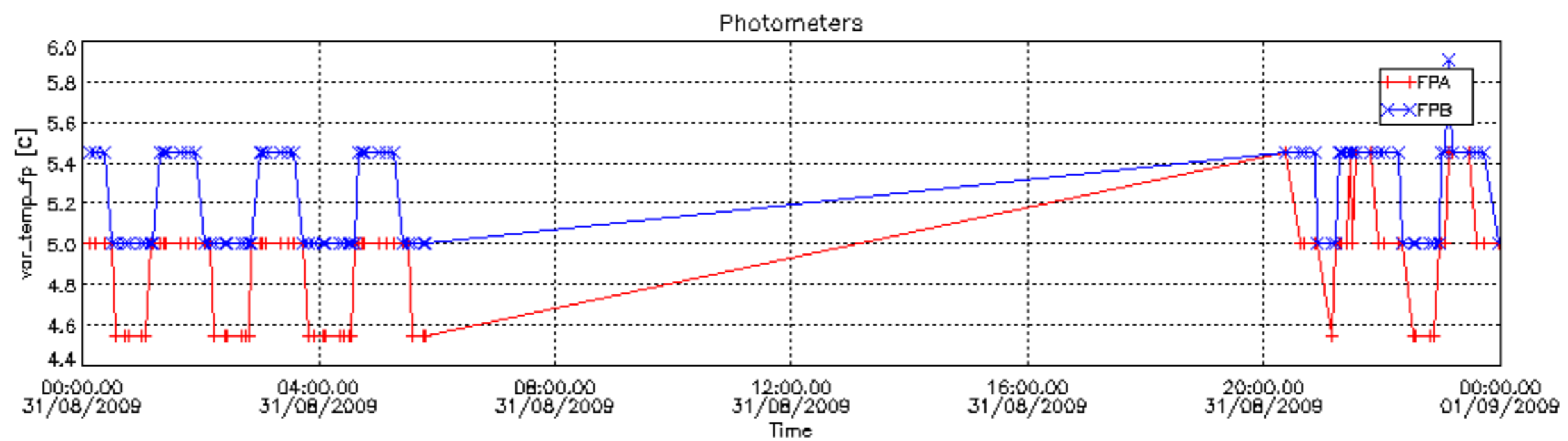
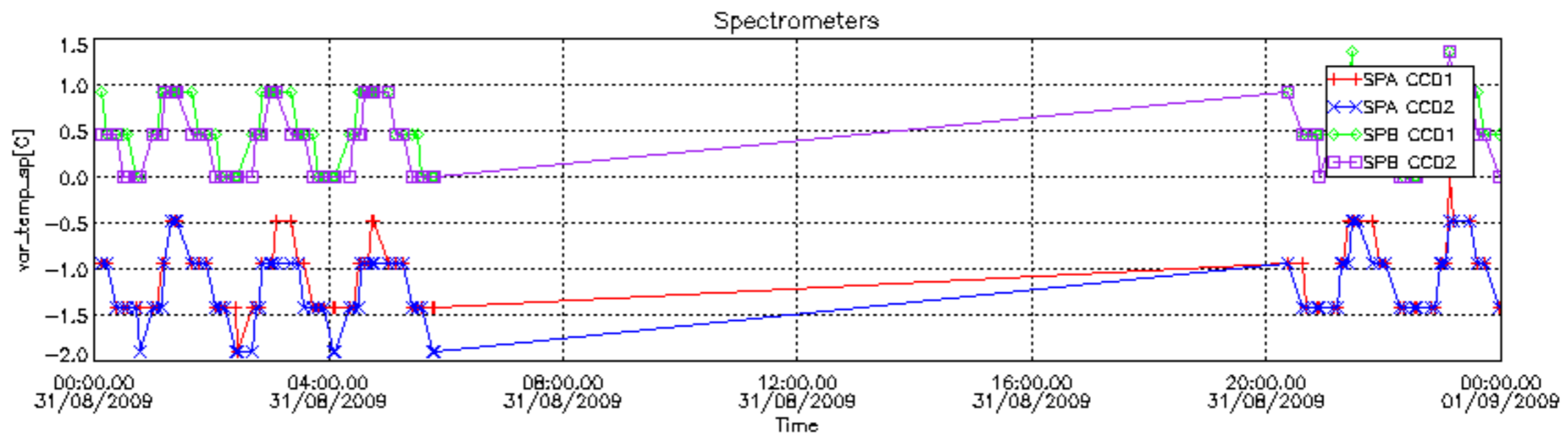


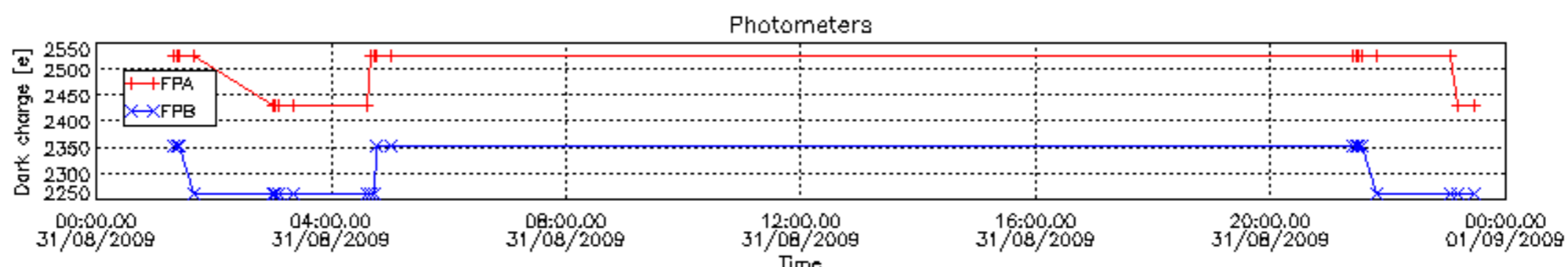
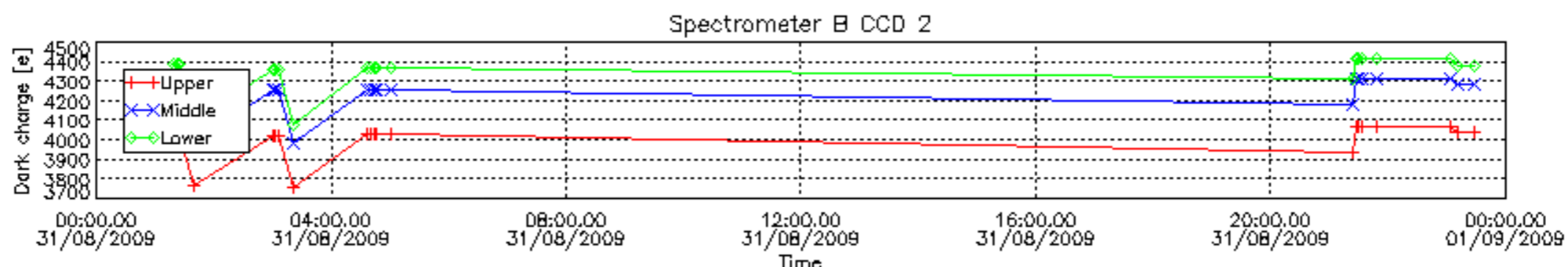
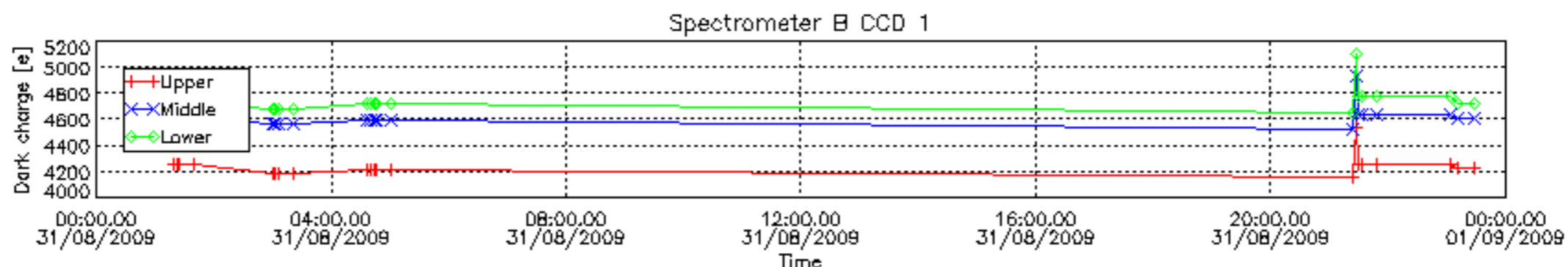
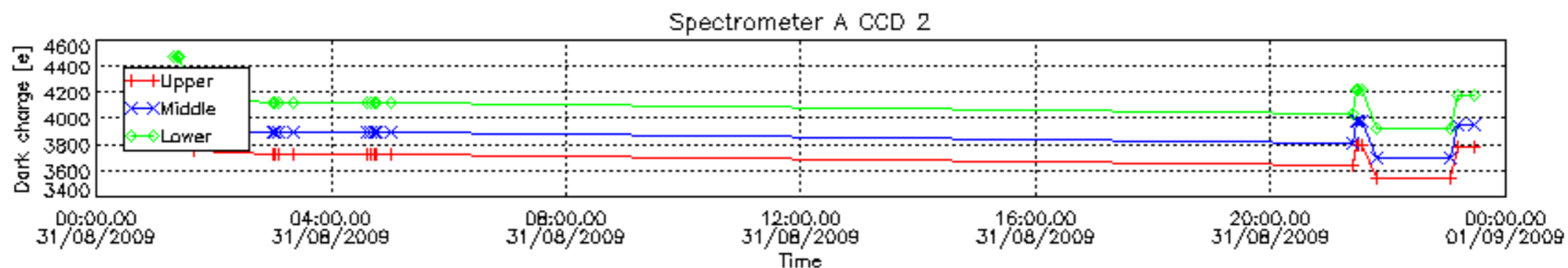
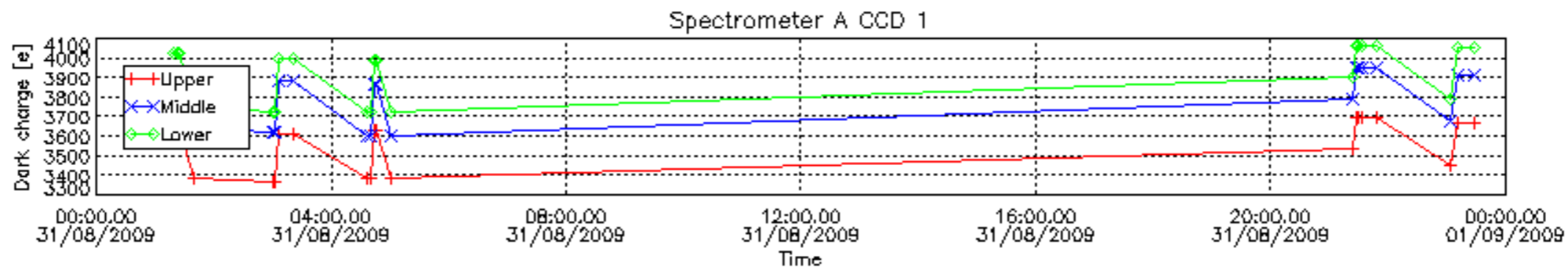
8. Auxiliary Data Files used for the production reported in section 2.4

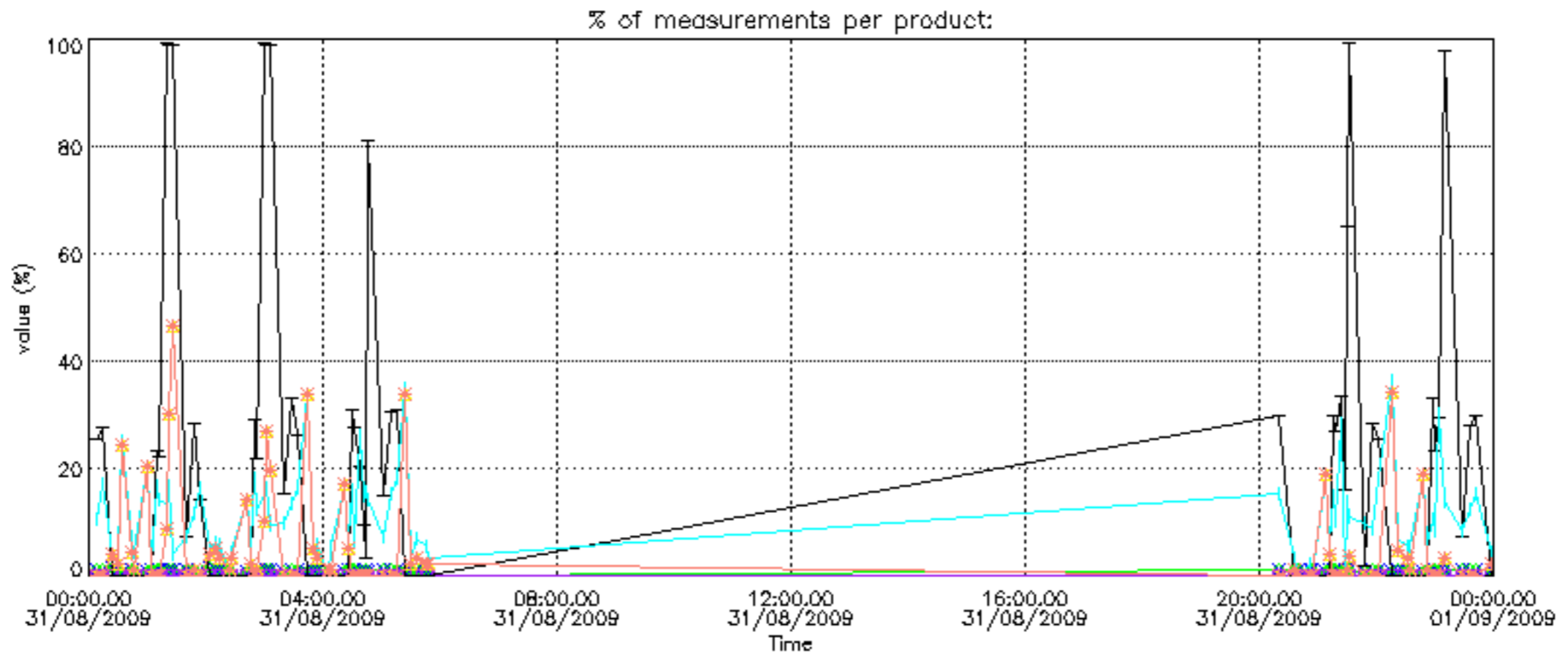
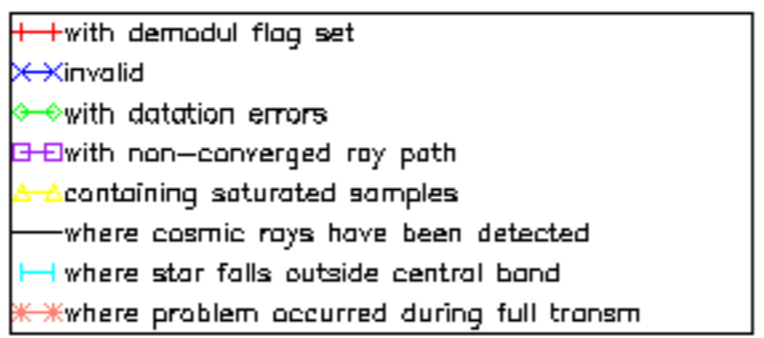
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	31-AUG-2009 00:07:27
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090818_144743_20090816_000000_20100101_000000	1	31-AUG-2009 00:07:27
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090831_103835_20090829_000000_20100101_000000	54	31-AUG-2009 20:20:54
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	31-AUG-2009 00:07:27
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	31-AUG-2009 00:07:27
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	31-AUG-2009 00:07:27
ECMWF_FILE	AUX_ECF_AXNECM20090830_064112_20090830_210000_20090831_090000	1	31-AUG-2009 00:07:27
ECMWF_FILE	AUX_ECF_AXNECM20090830_192112_20090831_030000_20090831_150000	38	31-AUG-2009 04:22:05
ECMWF_FILE	AUX_ECF_AXNECM20090831_070111_20090831_150000_20090901_030000	54	31-AUG-2009 20:20:54
ECMWF_FILE	AUX_ECF_AXNECM20090831_070112_20090831_210000_20090901_090000	64	31-AUG-2009 21:27:22
OPTIONAL_ECMWF_FILE	MISSING	1	31-AUG-2009 00:07:27
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090830_204550_000038252082_00086_39218_8660.N1	1	31-AUG-2009 00:07:27
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090830_233551_000057382082_00087_39219_8662.N1	12	31-AUG-2009 01:19:56
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090831_011648_000044632082_00088_39220_8663.N1	23	31-AUG-2009 02:41:29
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090831_023630_000054192082_00089_39221_8664.N1	38	31-AUG-2009 04:22:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090831_201349_000038252082_00100_39232_8666.N1	54	31-AUG-2009 20:20:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090831_212254_000057382082_00100_39232_8667.N1	79	31-AUG-2009 23:07:59

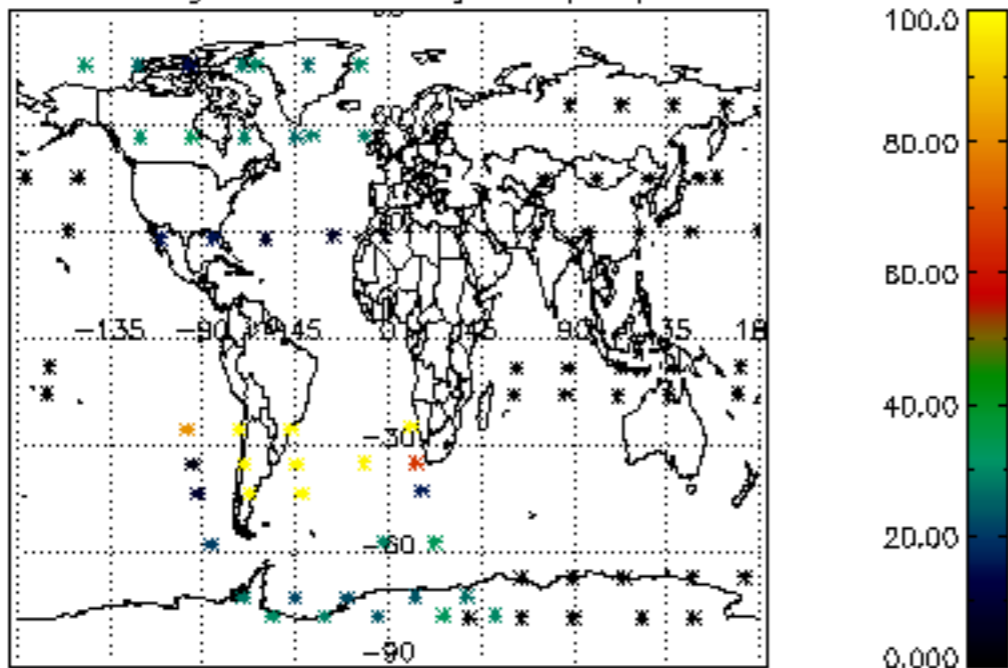




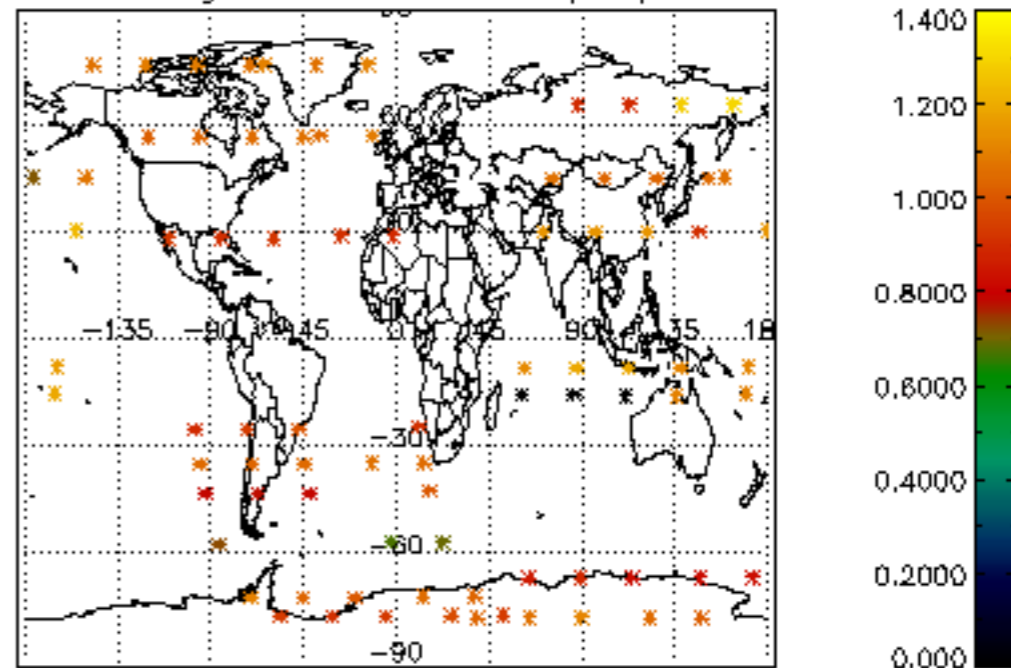




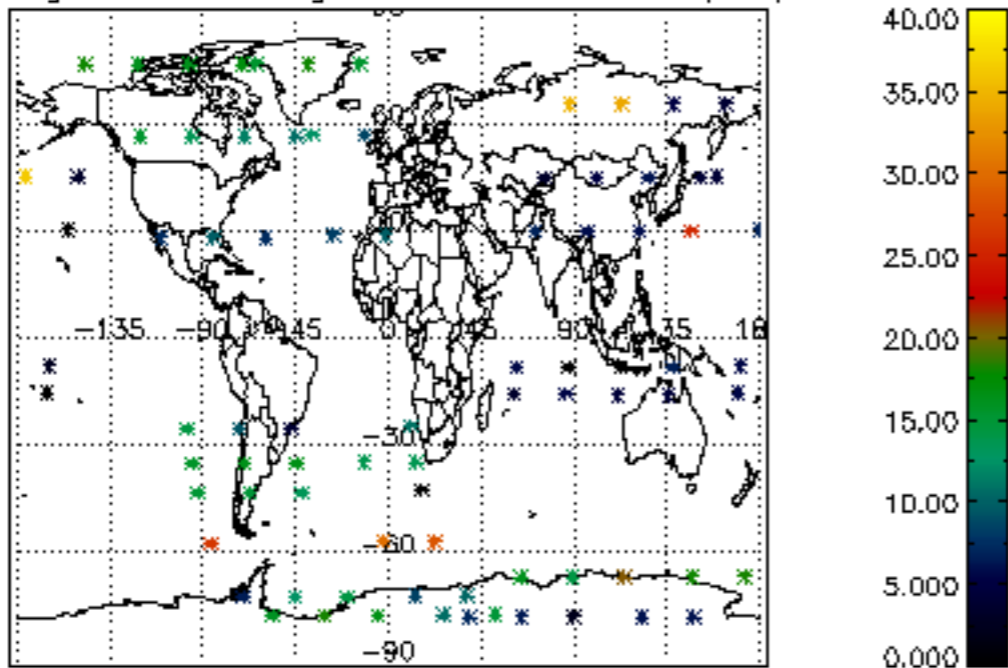
Percentage of cosmic ray hits per profile



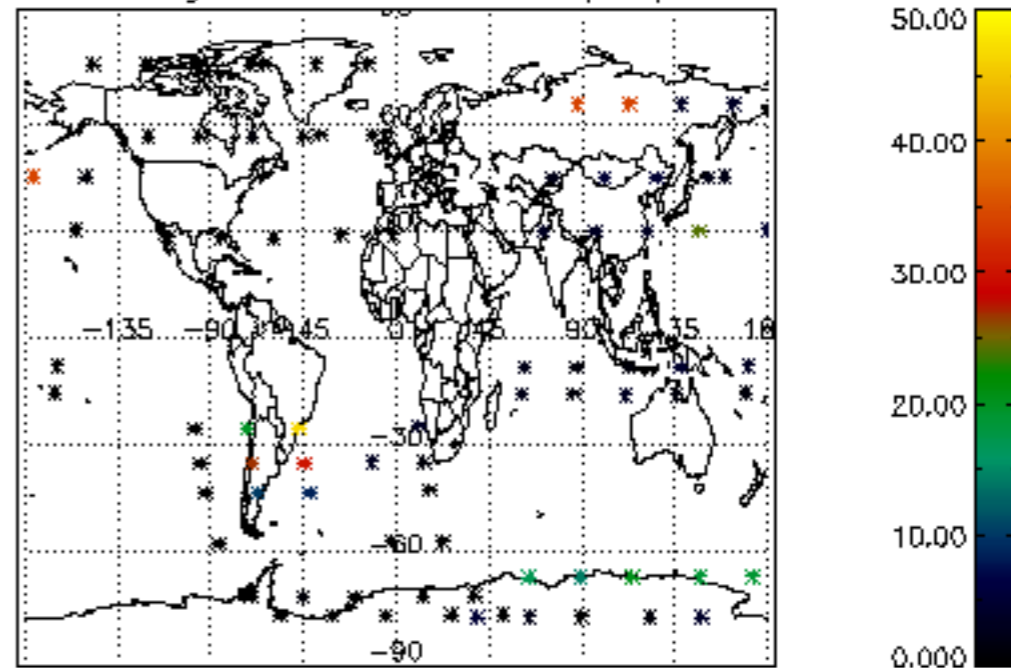
Percentage of datation errors per profile



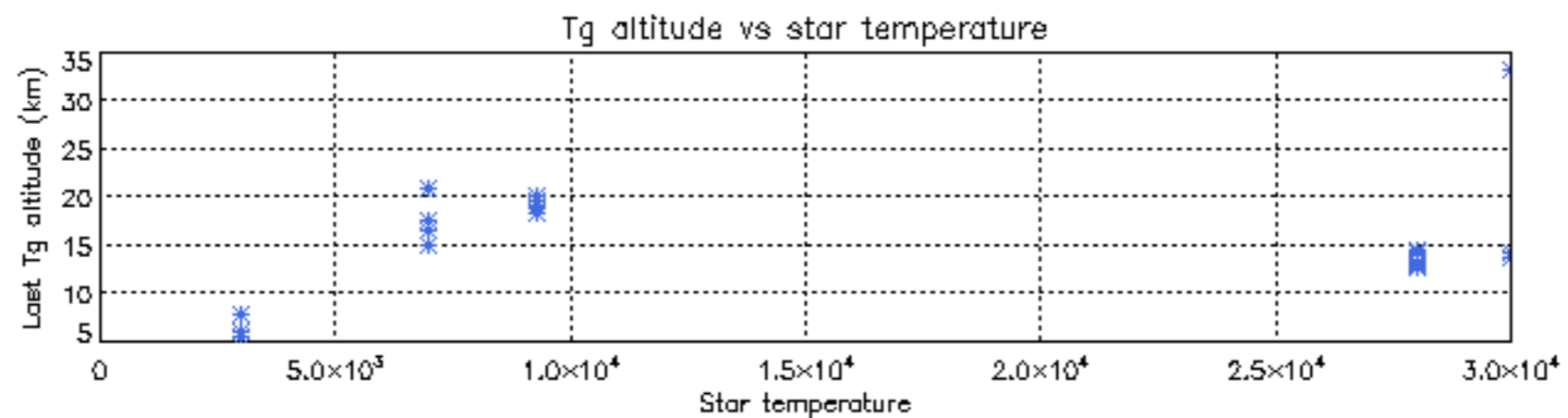
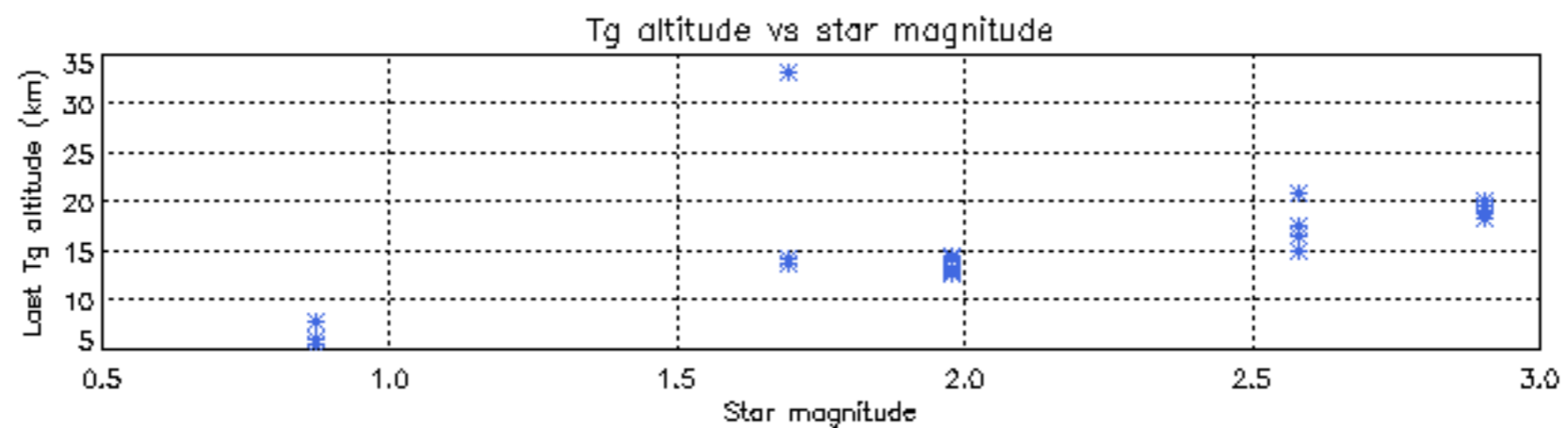
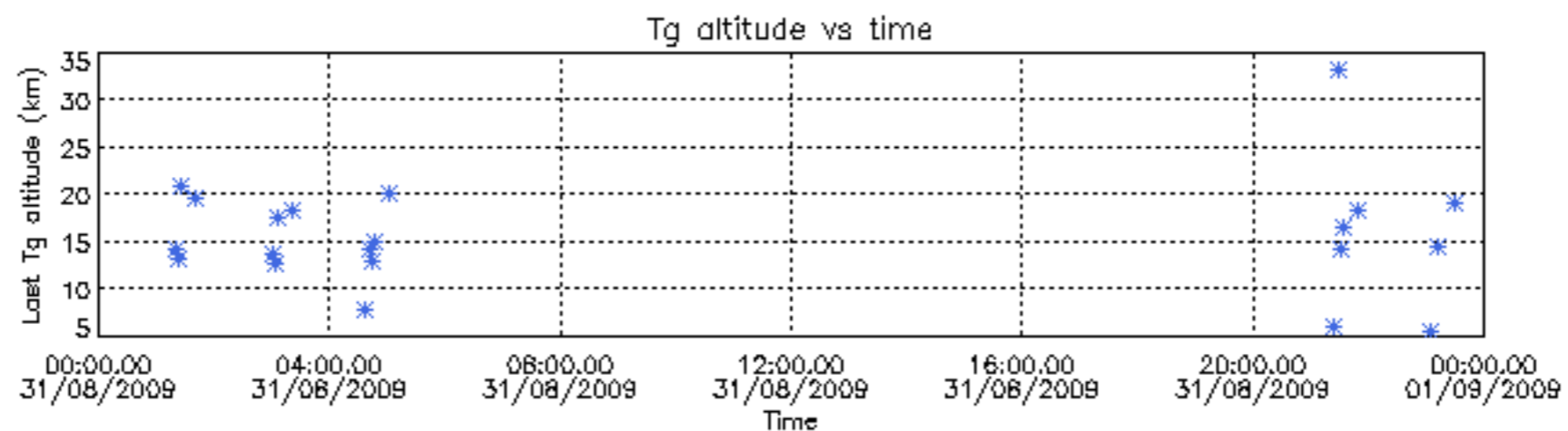
Percentage of star falling outside central band per profile



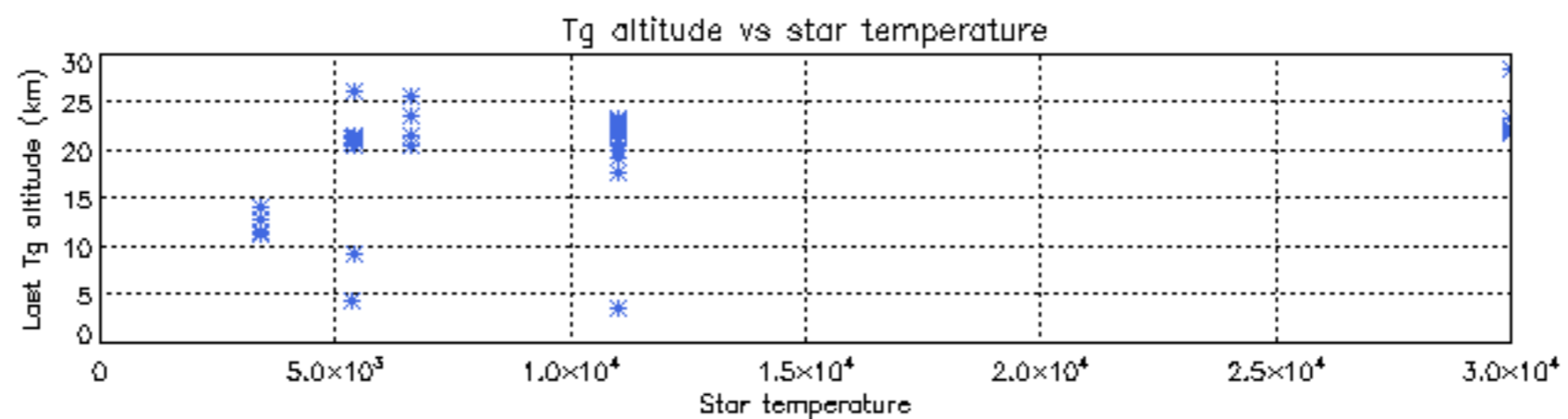
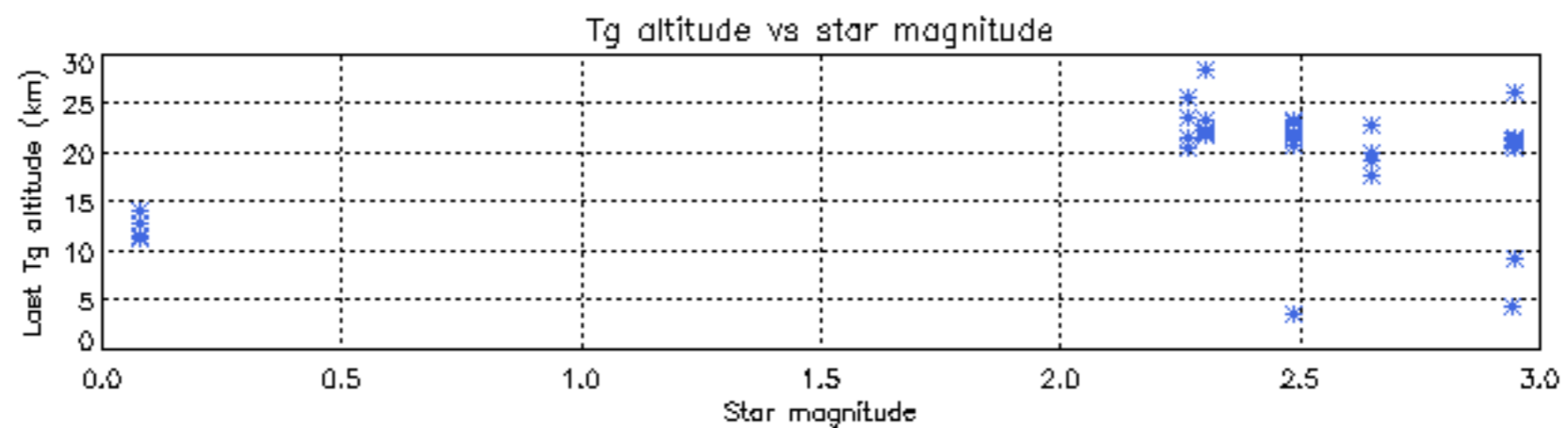
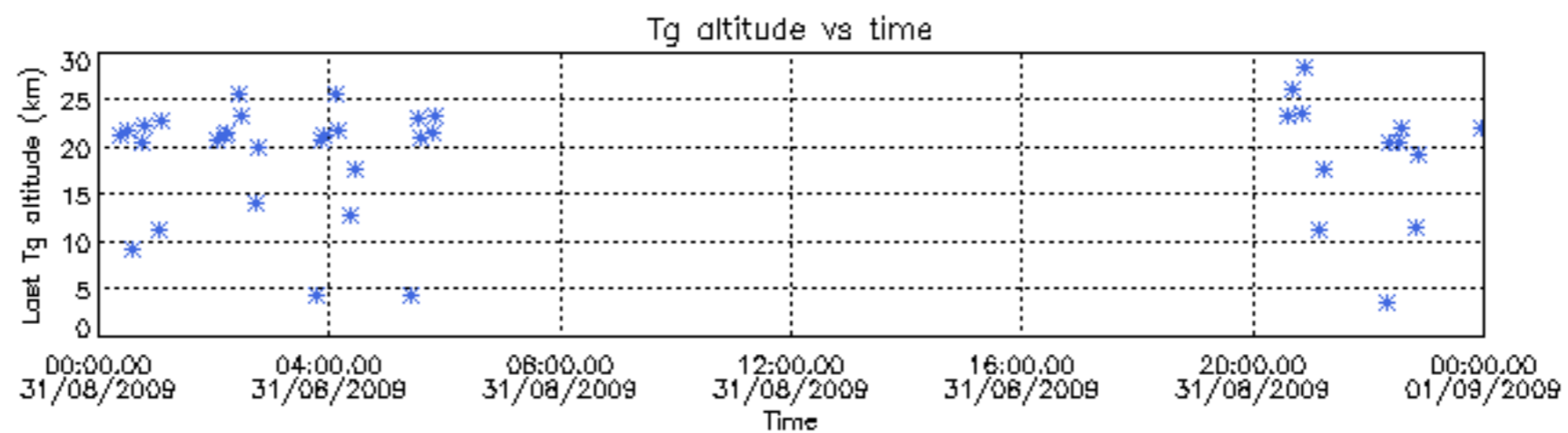
Percentage of saturation errors per profile

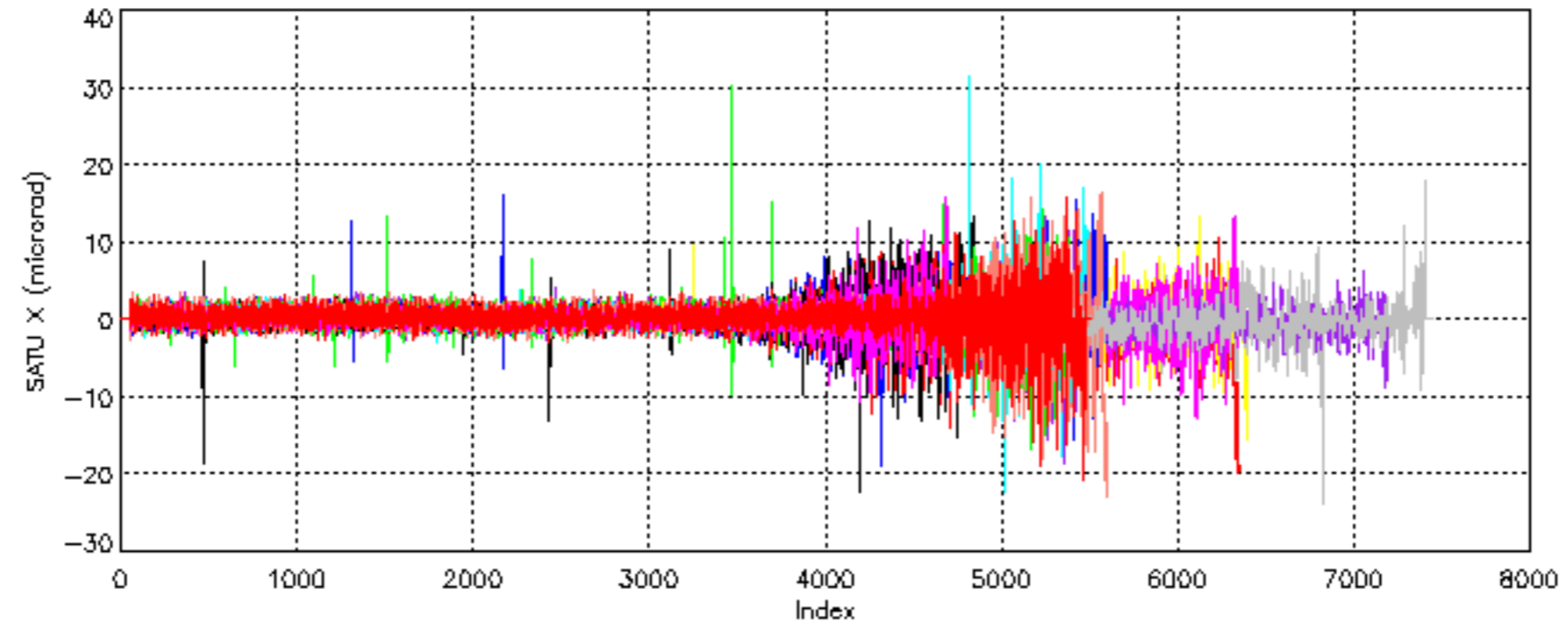


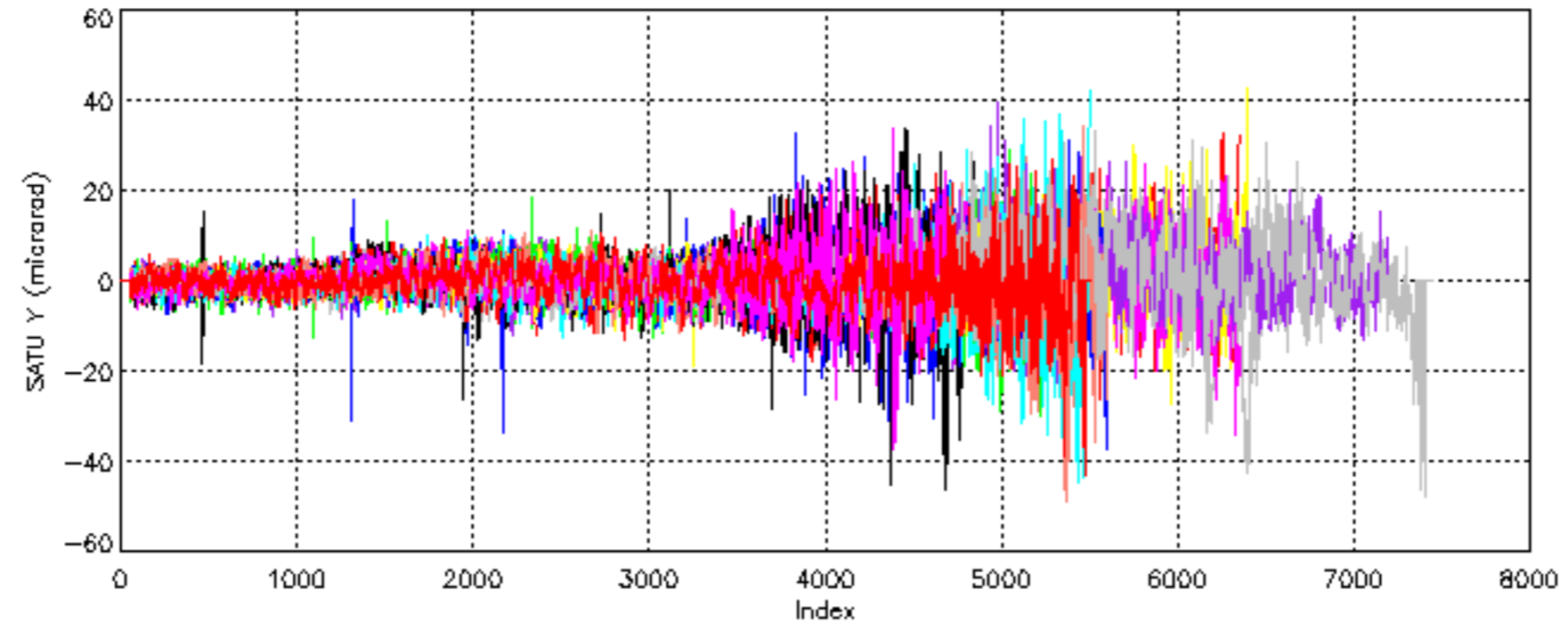
Tangent altitude at which the star is lost

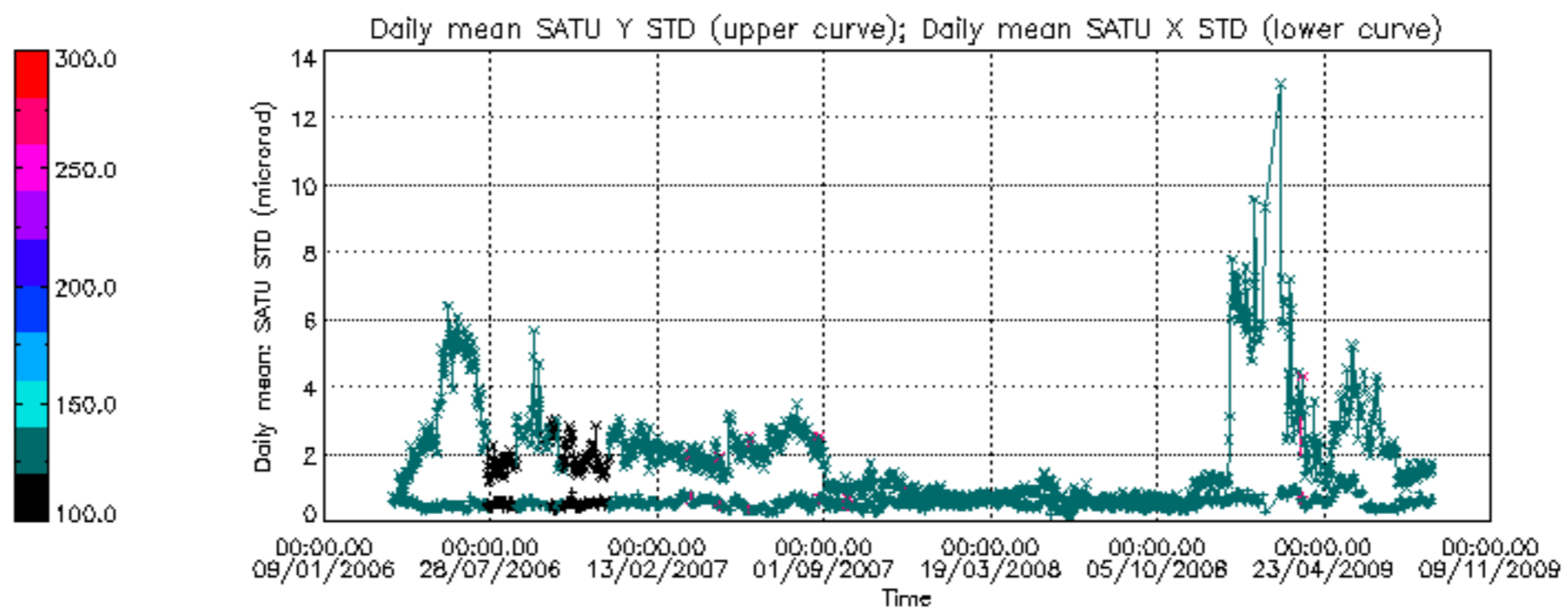


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20090801_002250_000055632081_00159_38790_8268.N1

1; -711.5; 01-AUG-2009 00:22:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 71;38790
 2; -588.9; 01-AUG-2009 00:24:53; Dark ; 55.5; 165; 34Gam Eri ; 2.95; 3200;occ; 111; 0;38790
 3; -23.8; 01-AUG-2009 00:34:18; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;38790
 4; 593.0; 01-AUG-2009 00:44:35; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38791
 5; 919.4; 01-AUG-2009 00:50:01; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;38791
 6; 1107.9; 01-AUG-2009 00:53:10; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;38791
 7; 1570.1; 01-AUG-2009 01:00:52; Bright; 53.0; 142; 49Del Cap ; 2.85; 8900;occ; 106; 0;38791
 8; 1823.7; 01-AUG-2009 01:05:06; Bright; 54.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 108; 0;38791
 9; 2579.6; 01-AUG-2009 01:17:41; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;38791
 10; 2766.4; 01-AUG-2009 01:20:48; Bright; 61.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 122; 0;38791
 11; 3090.9; 01-AUG-2009 01:26:13; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;38791
 12; 3478.8; 01-AUG-2009 01:32:41; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38791
 13; 3596.5; 01-AUG-2009 01:34:38; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38791
 14; 3979.2; 01-AUG-2009 01:41:01; Bright; 46.5; 160; 23Gam Per ; 2.93; 4700;occ; 93; 0;38791
 15; 4078.5; 01-AUG-2009 01:42:40; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;38791
 16; 4315.6; 01-AUG-2009 01:46:37; Bright; 47.5; 149; 45Eps Per ; 2.89; 30000;occ; 95; 0;38791
 17; 4501.5; 01-AUG-2009 01:49:43; Dark ; 54.5; 150; 44Zet Per ; 2.89; 28000;occ; 109; 0;38791
 18; 4789.6; 01-AUG-2009 01:54:32; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38791

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20090801_020252_000043462081_00160_38791_8269.N1

1; -746.0; 01-AUG-2009 02:02:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38791
 2; -588.1; 01-AUG-2009 02:05:30; Dark ; 58.0; 165; 34Gam Eri ; 2.95; 3200;occ; 116; 0;38791
 3; -22.9; 01-AUG-2009 02:14:55; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;38791
 4; 594.1; 01-AUG-2009 02:25:12; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;38792
 5; 919.9; 01-AUG-2009 02:30:38; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;38792
 6; 1108.3; 01-AUG-2009 02:33:46; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;38792
 7; 1570.1; 01-AUG-2009 02:41:28; Bright; 51.0; 142; 49Del Cap ; 2.85; 8900;occ; 102; 0;38792
 8; 1823.6; 01-AUG-2009 02:45:41; Bright; 53.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 106; 0;38792
 9; 2579.1; 01-AUG-2009 02:58:17; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;38792
 10; 2765.9; 01-AUG-2009 03:01:24; Bright; 42.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 85; 0;38792
 11; 3090.6; 01-AUG-2009 03:06:48; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38792
 12; 3478.4; 01-AUG-2009 03:13:16; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38792
 13; 3595.8; 01-AUG-2009 03:15:14; Bright; 5.0; 76; 27Gam Cas ; 2.30; 30000;occ; 10; 0;38792

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20090801_031514_000060852081_00161_38792_8270.N1

1; -2440.2; 01-AUG-2009 03:15:14; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38792
 2; -2057.2; 01-AUG-2009 03:21:37; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38792
 3; -1957.7; 01-AUG-2009 03:23:16; Bright; 61.0; 35; 33Alp Per ; 1.79; 6250;occ; 122; 0;38792
 4; -1720.3; 01-AUG-2009 03:27:13; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;38792
 5; -1534.4; 01-AUG-2009 03:30:19; Dark ; 55.0; 150; 44Zet Per ; 2.89; 28000;occ; 110; 0;38792
 6; -1245.8; 01-AUG-2009 03:35:08; Dark ; 44.0; 13; 87Alp Tau ; 0.87; 3800;occ; 88; 0;38792
 7; -1085.9; 01-AUG-2009 03:37:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38792
 8; -587.1; 01-AUG-2009 03:46:07; Dark ; 57.0; 165; 34Gam Eri ; 2.95; 3200;occ; 114; 0;38792
 9; -21.8; 01-AUG-2009 03:55:32; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;38792
 10; 595.3; 01-AUG-2009 04:05:49; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;38793
 11; 920.5; 01-AUG-2009 04:11:14; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;38793
 12; 1109.0; 01-AUG-2009 04:14:23; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;38793
 13; 1570.6; 01-AUG-2009 04:22:04; Bright; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;38793
 14; 1823.3; 01-AUG-2009 04:26:17; Bright; 52.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 105; 0;38793
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7; 3424.9; 05-AUG-2009 17:51:54; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38858
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4; 2621.5; 07-AUG-2009 08:12:17; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;38881
5; 2729.4; 07-AUG-2009 08:14:05; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;38881
6; 3055.6; 07-AUG-2009 08:19:31; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38881
7; 3406.2; 07-AUG-2009 08:25:22; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38881
8; 3532.7; 07-AUG-2009 08:27:28; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38881
9; 3942.8; 07-AUG-2009 08:34:18; Bright; 73.0; 160; 23Gam Per ; 2.93; 4700;occ; 146; 0;38881
10; 4050.2; 07-AUG-2009 08:36:06; Bright; 73.0; 35; 33Alp Per ; 1.79; 6250;occ; 146; 0;38881
11; 4200.5; 07-AUG-2009 08:38:36; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38881
12; 4310.2; 07-AUG-2009 08:40:26; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38881
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 16; 5218.5; 07-AUG-2009 08:55:34; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;38881
 17; 5544.6; 07-AUG-2009 09:01:00; Dark ; 62.5; 165; 34Gam Eri ; 2.95; 3200;occ; 125; 0;38881
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 17; 5545.9; 07-AUG-2009 10:41:38; Dark ; 63.5; 165; 34Gam Eri ; 2.95; 3200;occ; 127; 0;38882
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 4; 2621.0; 07-AUG-2009 11:33:29; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;38883
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 7; 3404.6; 07-AUG-2009 11:46:32; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38883
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 9; 3941.6; 07-AUG-2009 11:55:29; Bright; 73.0; 160; 23Gam Per ; 2.93; 4700;occ; 146; 0;38883
 10; 4049.5; 07-AUG-2009 11:57:17; Bright; 55.0; 35; 33Alp Per ; 1.79; 6250;occ; 110; 0;38883
 11; 4200.4; 07-AUG-2009 11:59:48; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38883
 12; 4310.0; 07-AUG-2009 12:01:38; Bright; 53.0; 149; 45Eps Per ; 2.89; 30000;occ; 106; 0;38883
 13; 4530.5; 07-AUG-2009 12:05:18; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38883
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 19; 6106.7; 07-AUG-2009 12:31:34; Dark ; 47.0; 157; The1Eri ; 2.91; 9300;occ; 94; 0;38883
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13; 4310.0; 07-AUG-2009 13:42:13; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;38884
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20; 6123.0; 08-AUG-2009 13:40:49; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38898
21; 6739.0; 08-AUG-2009 13:51:05; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;38898
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3; 2158.9; 08-AUG-2009 14:15:21; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38899
4; 2532.3; 08-AUG-2009 14:21:35; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38899
5; 2723.3; 08-AUG-2009 14:24:46; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;38899
6; 3049.2; 08-AUG-2009 14:30:11; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38899
7; 3391.7; 08-AUG-2009 14:35:54; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;38899
8; 3519.7; 08-AUG-2009 14:38:02; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38899
9; 3934.3; 08-AUG-2009 14:44:57; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;38899
10; 4043.8; 08-AUG-2009 14:46:46; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38899
11; 4200.1; 08-AUG-2009 14:49:22; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;38899
12; 4308.6; 08-AUG-2009 14:51:11; Bright; 51.5; 149; 45Eps Per ; 2.89; 30000;occ; 103; 0;38899
13; 4533.3; 08-AUG-2009 14:54:56; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38899
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16; 4952.2; 08-AUG-2009 15:01:54; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38899
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18; 5567.3; 08-AUG-2009 15:12:10; Dark ; 62.5; 165; 34Gam Eri ; 2.95; 3200;occ; 125; 0;38899
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21; 6740.1; 08-AUG-2009 15:31:42; Dark ; 58.0; 84; Alp Phe ; 2.40; 4500;occ; 116; 0;38899
22; 6948.2; 08-AUG-2009 15:35:10; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;38899
23; 7236.7; 08-AUG-2009 15:39:59; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38899

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2; 1806.7; 08-AUG-2009 15:50:05; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38900
3; 2158.5; 08-AUG-2009 15:55:57; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;38900

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5; 2723.0; 08-AUG-2009 16:05:21; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38900
6; 3048.8; 08-AUG-2009 16:10:47; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38900
7; 3390.7; 08-AUG-2009 16:16:29; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38900
8; 3518.9; 08-AUG-2009 16:18:37; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38900
9; 3933.9; 08-AUG-2009 16:25:32; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38900
10; 4043.3; 08-AUG-2009 16:27:21; Bright; 58.0; 35; 33Alp Per ; 1.79; 6250;occ; 116; 0;38900
11; 4199.9; 08-AUG-2009 16:29:58; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;38900
12; 4308.5; 08-AUG-2009 16:31:47; Bright; 53.5; 149; 45Eps Per ; 2.89; 30000;occ; 107; 0;38900
13; 4533.3; 08-AUG-2009 16:35:32; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38900
14; 4665.0; 08-AUG-2009 16:37:43; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;38900
15; 4838.8; 08-AUG-2009 16:40:37; Dark ; 72.0; 13; 87Alp Tau ; 0.87; 3800;occ; 144; 0;38900
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17; 5229.7; 08-AUG-2009 16:47:08; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;38900
18; 5568.6; 08-AUG-2009 16:52:47; Dark ; 62.5; 165; 34Gam Eri ; 2.95; 3200;occ; 125; 0;38900
19; 5817.6; 08-AUG-2009 16:56:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38900
20; 6125.2; 08-AUG-2009 17:02:03; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38900
21; 6741.1; 08-AUG-2009 17:12:19; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38900
22; 6948.7; 08-AUG-2009 17:15:47; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;38900
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3; 1806.8; 08-AUG-2009 17:30:41; Bright; 66.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 132; 0;38901
4; 2157.9; 08-AUG-2009 17:36:32; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;38901
5; 2531.6; 08-AUG-2009 17:42:46; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38901
6; 2722.6; 08-AUG-2009 17:45:57; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38901
7; 3048.7; 08-AUG-2009 17:51:23; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38901
8; 3390.1; 08-AUG-2009 17:57:04; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38901
9; 3518.0; 08-AUG-2009 17:59:12; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38901
10; 3933.4; 08-AUG-2009 18:06:08; Bright; 70.5; 160; 23Gam Per ; 2.93; 4700;occ; 141; 0;38901
11; 4042.8; 08-AUG-2009 18:07:57; Bright; 55.0; 35; 33Alp Per ; 1.79; 6250;occ; 110; 0;38901
12; 4199.9; 08-AUG-2009 18:10:34; Bright; 55.5; 6; 13Alp Aur ; 0.08; 3400;occ; 111; 0;38901
13; 4308.4; 08-AUG-2009 18:12:23; Bright; 56.0; 149; 45Eps Per ; 2.89; 30000;occ; 112; 0;38901
14; 4533.5; 08-AUG-2009 18:16:08; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38901
15; 4665.3; 08-AUG-2009 18:18:20; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38901
16; 4839.4; 08-AUG-2009 18:21:14; Dark ; 63.5; 13; 87Alp Tau ; 0.87; 3800;occ; 127; 0;38901
17; 4952.9; 08-AUG-2009 18:23:07; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;38901
18; 5230.2; 08-AUG-2009 18:27:44; Dark ; 58.0; 7; 19Bet Ori ; 0.10; 14000;occ; 116; 0;38901
19; 5569.7; 08-AUG-2009 18:33:24; Dark ; 63.0; 165; 34Gam Eri ; 2.95; 3200;occ; 126; 0;38901
20; 5818.4; 08-AUG-2009 18:37:33; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38901
21; 6126.4; 08-AUG-2009 18:42:41; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38901
22; 6742.1; 08-AUG-2009 18:52:56; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38901
23; 6949.3; 08-AUG-2009 18:56:24; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;38901
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3; 1806.6; 08-AUG-2009 19:11:17; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;38902
4; 2157.5; 08-AUG-2009 19:17:08; Bright; 51.0; 61; 8Eps Peg ; 2.10; 3900;occ; 102; 0;38902
5; 2531.5; 08-AUG-2009 19:23:22; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38902
6; 2722.3; 08-AUG-2009 19:26:33; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38902
7; 3048.2; 08-AUG-2009 19:31:58; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;38902
8; 3389.3; 08-AUG-2009 19:37:40; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38902
9; 3517.3; 08-AUG-2009 19:39:48; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38902
10; 3932.8; 08-AUG-2009 19:46:43; Bright; 54.5; 160; 23Gam Per ; 2.93; 4700;occ; 109; 0;38902
11; 4042.3; 08-AUG-2009 19:48:33; Bright; 54.5; 35; 33Alp Per ; 1.79; 6250;occ; 109; 0;38902
12; 4199.8; 08-AUG-2009 19:51:10; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38902
13; 4308.3; 08-AUG-2009 19:52:58; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38902
14; 4533.7; 08-AUG-2009 19:56:44; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38902
15; 4665.4; 08-AUG-2009 19:58:56; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;38902
16; 4839.8; 08-AUG-2009 20:01:50; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38902
17; 4953.3; 08-AUG-2009 20:03:44; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38902
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19; 5571.0; 08-AUG-2009 20:14:01; Dark ; 62.0; 165; 34Gam Eri ; 2.95; 3200;occ; 124; 0;38902
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21; 6127.3; 08-AUG-2009 20:23:17; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38902
22; 6742.9; 08-AUG-2009 20:33:33; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38902
23; 6949.8; 08-AUG-2009 20:37:00; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;38902

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 4; 94.8; 09-AUG-2009 01:25:09; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38906
 5; 709.9; 09-AUG-2009 01:35:24; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;38906
 6; 915.3; 09-AUG-2009 01:38:49; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;38906
 7; 1203.9; 09-AUG-2009 01:43:38; Dark ; 60.0; 18; 24Alp PsA ; 1.17; 9700;occ; 120; 0;38906
 8; 1805.9; 09-AUG-2009 01:53:40; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;38906
 9; 2155.4; 09-AUG-2009 01:59:29; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38906
 10; 2529.8; 09-AUG-2009 02:05:44; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38906
 11; 2721.2; 09-AUG-2009 02:08:55; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38906
 12; 3046.8; 09-AUG-2009 02:14:21; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38906
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 5;-1501.5; 09-AUG-2009 02:39:08; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;38906
 6;-1369.2; 09-AUG-2009 02:41:20; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38906
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 8;-1080.7; 09-AUG-2009 02:46:09; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38906
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 12; 95.7; 09-AUG-2009 03:05:45; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38907
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 15; 1204.7; 09-AUG-2009 03:24:14; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38907
 16; 1806.0; 09-AUG-2009 03:34:16; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;38907
 17; 2155.0; 09-AUG-2009 03:40:05; Bright; 52.5; 61; 8Eps Peg ; 2.10; 3900;occ; 105; 0;38907
 18; 2529.7; 09-AUG-2009 03:46:19; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38907
 19; 2721.0; 09-AUG-2009 03:49:31; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38907
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 6;-1369.1; 09-AUG-2009 04:21:57; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;38907
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 18; 2154.4; 09-AUG-2009 05:20:40; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;38908
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 23; 3513.0; 09-AUG-2009 05:43:19; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38908

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5; 2526.2; 09-AUG-2009 20:32:15; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38917
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12; 4199.3; 09-AUG-2009 21:00:08; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38917
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 8; 1805.0; 09-AUG-2009 23:41:26; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38919
 9; 2148.7; 09-AUG-2009 23:47:10; Bright; 51.0; 61; 8Eps Peg ; 2.10; 3900;occ; 102; 0;38919
 10; 2525.6; 09-AUG-2009 23:53:26; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38919
 11; 2717.0; 09-AUG-2009 23:56:38; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;38919
 12; 3042.5; 10-AUG-2009 00:02:03; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38919
 13; 3375.3; 10-AUG-2009 00:07:36; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38919
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 12; 4537.6; 10-AUG-2009 10:30:34; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38925
 13; 4671.4; 10-AUG-2009 10:32:48; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38925
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 15; 5071.2; 10-AUG-2009 10:39:28; Dark ; 45.0; 72; 34Del Ori ; 2.25; 30000;occ; 90; 0;38925
 16; 5245.0; 10-AUG-2009 10:42:22; Dark ; 50.5; 7; 19Bet Ori ; 0.10; 14000;occ; 101; 0;38925
 17; 5601.5; 10-AUG-2009 10:48:18; Dark ; 65.5; 165; 34Gam Eri ; 2.95; 3200;occ; 131; 0;38925
 18; 5838.8; 10-AUG-2009 10:52:15; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38925
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 20; 6764.9; 10-AUG-2009 11:07:41; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38925
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 22; 7250.3; 10-AUG-2009 11:15:47; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38925
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 3; 2145.4; 10-AUG-2009 11:31:18; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38926
 4; 2523.4; 10-AUG-2009 11:37:36; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;38926
 5; 2714.9; 10-AUG-2009 11:40:47; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38926
 6; 3040.1; 10-AUG-2009 11:46:13; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;38926
 7; 3369.7; 10-AUG-2009 11:51:42; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38926
 8; 3499.9; 10-AUG-2009 11:53:52; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38926
 9; 3920.9; 10-AUG-2009 12:00:53; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;38926
 10; 4032.7; 10-AUG-2009 12:02:45; Bright; 56.5; 35; 33Alp Per ; 1.79; 6250;occ; 113; 0;38926
 11; 4198.8; 10-AUG-2009 12:05:31; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;38926
 12; 4305.5; 10-AUG-2009 12:07:18; Bright; 44.0; 149; 45Eps Per ; 2.89; 30000;occ; 88; 0;38926
 13; 4537.8; 10-AUG-2009 12:11:10; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38926
 14; 4671.9; 10-AUG-2009 12:13:24; Dark ; 40.5; 176; 23Zet Tau ; 3.02; 22000;occ; 81; 0;38926
 15; 4852.6; 10-AUG-2009 12:16:25; Dark ; 67.5; 13; 87Alp Tau ; 0.87; 3800;occ; 135; 0;38926
 16; 4964.3; 10-AUG-2009 12:18:17; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;38926
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 18; 5245.7; 10-AUG-2009 12:22:58; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;38926
 19; 5602.8; 10-AUG-2009 12:28:55; Dark ; 67.0; 165; 34Gam Eri ; 2.95; 3200;occ; 134; 0;38926
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 22; 6765.6; 10-AUG-2009 12:48:18; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;38926
 23; 6962.2; 10-AUG-2009 12:51:35; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;38926
 24; 7250.7; 10-AUG-2009 12:56:23; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;38926
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 2; 1804.2; 10-AUG-2009 13:06:13; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38927
 3; 2144.9; 10-AUG-2009 13:11:53; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;38927
 4; 2523.0; 10-AUG-2009 13:18:11; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38927
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 6; 3039.9; 10-AUG-2009 13:26:48; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38927
 7; 3368.9; 10-AUG-2009 13:32:17; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;38927
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 9; 3920.4; 10-AUG-2009 13:41:29; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;38927
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 13; 4538.3; 10-AUG-2009 13:51:47; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38927
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 17; 5072.4; 10-AUG-2009 14:00:41; Dark ; 40.5; 72; 34Del Ori ; 2.25; 30000;occ; 81; 0;38927

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22; 6766.5; 10-AUG-2009 14:28:55; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38927
23; 6962.8; 10-AUG-2009 14:32:11; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;38927
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 4; 2144.6; 10-AUG-2009 14:52:29; Bright; 51.0; 61; 8Eps Peg ; 2.10; 3900;occ; 102; 0;38928
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 8; 3368.2; 10-AUG-2009 15:12:52; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;38928
 9; 3498.3; 10-AUG-2009 15:15:03; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38928
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12; 4198.9; 10-AUG-2009 15:26:43; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38928
13; 4305.5; 10-AUG-2009 15:28:30; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;38928
14; 4538.5; 10-AUG-2009 15:32:23; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38928
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22; 6156.1; 10-AUG-2009 15:59:20; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38928
23; 6767.5; 10-AUG-2009 16:09:32; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38928
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 3; 1804.2; 10-AUG-2009 16:27:24; Bright; 64.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 128; 0;38929
 4; 1946.3; 10-AUG-2009 16:29:46; Bright; 25.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 50; 0;38929
 5; 2144.2; 10-AUG-2009 16:33:04; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38929
 6; 2522.5; 10-AUG-2009 16:39:23; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38929
 7; 2714.0; 10-AUG-2009 16:42:34; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38929
 8; 3039.1; 10-AUG-2009 16:47:59; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38929
 9; 3367.4; 10-AUG-2009 16:53:28; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38929
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12; 4031.6; 10-AUG-2009 17:04:32; Bright; 52.0; 35; 33Alp Per ; 1.79; 6250;occ; 104; 0;38929
13; 4198.8; 10-AUG-2009 17:07:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38929
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 4;-1181.4; 10-AUG-2009 17:18:15; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 0;38929
 5;-1070.0; 10-AUG-2009 17:20:06; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38929
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 9; -193.6; 10-AUG-2009 17:34:43; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38929
10; 121.3; 10-AUG-2009 17:39:57; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38930
11; 732.5; 10-AUG-2009 17:50:09; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38930
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 2; 1583.6; 10-AUG-2009 16:23:44; Bright; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;38929
 3; 1804.2; 10-AUG-2009 16:27:24; Bright; 64.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 128; 0;38929
 4; 1946.3; 10-AUG-2009 16:29:46; Bright; 25.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 50; 0;38929
 5; 2144.2; 10-AUG-2009 16:33:04; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38929
 6; 2522.5; 10-AUG-2009 16:39:23; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38929
 7; 2714.0; 10-AUG-2009 16:42:34; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38929

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 13; 4198.8; 10-AUG-2009 17:07:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38929
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 17; 4854.6; 10-AUG-2009 17:18:15; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 0;38929
 18; 4966.0; 10-AUG-2009 17:20:06; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38929
 19; 5073.5; 10-AUG-2009 17:21:54; Dark ; 45.0; 72; 34Del Ori ; 2.25; 30000;occ; 90; 0;38929
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 22; 5842.4; 10-AUG-2009 17:34:43; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38929
 23; 6157.3; 10-AUG-2009 17:39:57; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38929
 24; 6768.5; 10-AUG-2009 17:50:09; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38929
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 2; 1583.7; 10-AUG-2009 18:04:20; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38930
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 4; 1945.9; 10-AUG-2009 18:10:22; Bright; 31.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 62; 0;38930
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 22; 5843.3; 10-AUG-2009 19:15:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38930
 23; 6158.5; 10-AUG-2009 19:20:35; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38930
 24; 6769.3; 10-AUG-2009 19:30:45; Dark ; 64.5; 84; Alp Phe ; 2.40; 4500;occ; 129; 0;38930

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 3; 125.7; 11-AUG-2009 00:22:25; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38934
 4; 736.0; 11-AUG-2009 00:32:36; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38934
 5; 1218.1; 11-AUG-2009 00:40:38; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;38934
 6; 1584.0; 11-AUG-2009 00:46:44; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38934
 7; 1803.6; 11-AUG-2009 00:50:23; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38934
 8; 1944.2; 11-AUG-2009 00:52:44; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;38934
 9; 2141.7; 11-AUG-2009 00:56:01; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38934
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 11; 2712.6; 11-AUG-2009 01:05:32; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;38934
 12; 3037.3; 11-AUG-2009 01:10:57; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38934
 13; 3363.2; 11-AUG-2009 01:16:23; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;38934
 14; 3493.7; 11-AUG-2009 01:18:34; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38934
 15; 3916.7; 11-AUG-2009 01:25:36; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38934
 16; 4029.5; 11-AUG-2009 01:27:29; Bright; 55.0; 35; 33Alp Per ; 1.79; 6250;occ; 110; 0;38934
 17; 4198.4; 11-AUG-2009 01:30:18; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;38934
 18; 4539.2; 11-AUG-2009 01:35:59; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;38934
 19; 4673.9; 11-AUG-2009 01:38:14; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38934
 20; 4857.3; 11-AUG-2009 01:41:17; Dark ; 76.0; 13; 87Alp Tau ; 0.87; 3800;occ; 152; 0;38934
 21; 4968.1; 11-AUG-2009 01:43:08; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;38934
 22; 5083.8; 11-AUG-2009 01:45:04; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;38934

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4; -189.2; 11-AUG-2009 01:57:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38934
5; 126.9; 11-AUG-2009 02:03:03; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38935
6; 737.1; 11-AUG-2009 02:13:13; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38935
7; 1218.7; 11-AUG-2009 02:21:14; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38935
8; 1584.2; 11-AUG-2009 02:27:20; Bright; 64.0; 142; 49Del Cap ; 2.85; 8900;occ; 128; 0;38935
9; 1803.5; 11-AUG-2009 02:30:59; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38935
10; 1944.0; 11-AUG-2009 02:33:20; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;38935
11; 2141.1; 11-AUG-2009 02:36:37; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38935
12; 2520.6; 11-AUG-2009 02:42:56; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38935
13; 2712.3; 11-AUG-2009 02:46:08; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38935
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15; 3362.6; 11-AUG-2009 02:56:58; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38935
16; 3492.8; 11-AUG-2009 02:59:08; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38935
17; 3916.4; 11-AUG-2009 03:06:12; Bright; 24.0; 160; 23Gam Per ; 2.93; 4700;occ; 48; 0;38935
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3; -1837.5; 11-AUG-2009 03:10:54; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;38935
4; -1496.5; 11-AUG-2009 03:16:35; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38935
5; -1361.8; 11-AUG-2009 03:18:50; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38935
6; -1178.0; 11-AUG-2009 03:21:54; Dark ; 76.0; 13; 87Alp Tau ; 0.87; 3800;occ; 152; 0;38935
7; -1067.2; 11-AUG-2009 03:23:44; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;38935
8; -951.4; 11-AUG-2009 03:25:40; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;38935
9; -784.6; 11-AUG-2009 03:28:27; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 0;38935
10; -420.5; 11-AUG-2009 03:34:31; Dark ; 66.5; 165; 34Gam Eri ; 2.95; 3200;occ; 133; 0;38935
11; -188.3; 11-AUG-2009 03:38:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38935
12; 128.0; 11-AUG-2009 03:43:40; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38936
13; 738.1; 11-AUG-2009 03:53:50; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;38936
14; 1219.3; 11-AUG-2009 04:01:51; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38936
15; 1584.4; 11-AUG-2009 04:07:56; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38936
16; 1803.6; 11-AUG-2009 04:11:35; Bright; 45.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 90; 0;38936
17; 1943.7; 11-AUG-2009 04:13:55; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38936
18; 2140.9; 11-AUG-2009 04:17:12; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38936
19; 2520.3; 11-AUG-2009 04:23:32; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38936
20; 2712.1; 11-AUG-2009 04:26:44; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38936
21; 3037.0; 11-AUG-2009 04:32:09; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38936
22; 3361.8; 11-AUG-2009 04:37:33; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38936
23; 3492.3; 11-AUG-2009 04:39:44; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38936
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3; -1837.6; 11-AUG-2009 04:51:30; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38936
4; -1496.2; 11-AUG-2009 04:57:11; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38936
5; -1361.4; 11-AUG-2009 04:59:26; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;38936
6; -1177.3; 11-AUG-2009 05:02:30; Dark ; 70.5; 13; 87Alp Tau ; 0.87; 3800;occ; 141; 0;38936
7; -1066.7; 11-AUG-2009 05:04:21; Dark ; 47.5; 27; 24Gam Ori ; 1.64; 26000;occ; 95; 0;38936
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9; -783.8; 11-AUG-2009 05:09:04; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;38936
10; -419.1; 11-AUG-2009 05:15:09; Dark ; 67.0; 165; 34Gam Eri ; 2.95; 3200;occ; 134; 0;38936
11; -187.4; 11-AUG-2009 05:19:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38936
12; 129.0; 11-AUG-2009 05:24:17; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;38937
13; 738.9; 11-AUG-2009 05:34:26; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;38937
14; 1220.0; 11-AUG-2009 05:42:28; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;38937
15; 1584.4; 11-AUG-2009 05:48:32; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38937
16; 1803.6; 11-AUG-2009 05:52:11; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38937
17; 1943.4; 11-AUG-2009 05:54:31; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38937
18; 2140.3; 11-AUG-2009 05:57:48; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38937
19; 2520.3; 11-AUG-2009 06:04:08; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38937
20; 2711.8; 11-AUG-2009 06:07:19; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;38937
21; 3036.6; 11-AUG-2009 06:12:44; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38937
22; 3361.1; 11-AUG-2009 06:18:09; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38937
23; 3491.5; 11-AUG-2009 06:20:19; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38937
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2; 1585.4; 11-AUG-2009 20:53:56; Bright; 54.0; 142; 49Del Cap ; 2.85; 8900;occ; 108; 0;38946
3; 1802.7; 11-AUG-2009 20:57:34; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38946

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5; 2136.5; 11-AUG-2009 21:03:08; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;38946
6; 2517.3; 11-AUG-2009 21:09:28; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38946
7; 2709.2; 11-AUG-2009 21:12:40; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38946
8; 3033.8; 11-AUG-2009 21:18:05; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38946
9; 3353.7; 11-AUG-2009 21:23:25; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38946
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11; 3910.7; 11-AUG-2009 21:32:42; Bright; 59.5; 160; 23Gam Per ; 2.93; 4700;occ; 119; 0;38946
12; 4024.1; 11-AUG-2009 21:34:35; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38946
13; 4098.3; 11-AUG-2009 21:35:49; Bright; 50.0; 175; 39Del Per ; 3.01; 19400;occ; 100; 0;38946
14; 4541.6; 11-AUG-2009 21:43:13; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38946
15; 4677.2; 11-AUG-2009 21:45:28; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38946
16; 4864.4; 11-AUG-2009 21:48:35; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38946
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18; 5089.9; 11-AUG-2009 21:52:21; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38946
19; 5173.2; 11-AUG-2009 21:53:44; Dark ; 43.5; 125; 44Iot Ori ; 2.77; 30000;occ; 87; 0;38946
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9; 1939.9; 11-AUG-2009 22:40:27; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38947
10; 2136.3; 11-AUG-2009 22:43:43; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;38947
11; 2517.3; 11-AUG-2009 22:50:04; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38947
12; 2709.1; 11-AUG-2009 22:53:16; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38947
13; 3033.5; 11-AUG-2009 22:58:40; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38947
14; 3353.0; 11-AUG-2009 23:04:00; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38947
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16; 3910.2; 11-AUG-2009 23:13:17; Bright; 53.0; 160; 23Gam Per ; 2.93; 4700;occ; 106; 0;38947
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18; 4098.0; 11-AUG-2009 23:16:25; Bright; 64.0; 175; 39Del Per ; 3.01; 19400;occ; 128; 0;38947
19; 4541.8; 11-AUG-2009 23:23:49; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38947
20; 4677.4; 11-AUG-2009 23:26:04; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38947
21; 4864.9; 11-AUG-2009 23:29:12; Dark ; 74.5; 13; 87Alp Tau ; 0.87; 3800;occ; 149; 0;38947
22; 4974.7; 11-AUG-2009 23:31:02; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;38947
23; 5090.4; 11-AUG-2009 23:32:57; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;38947
24; 5173.7; 11-AUG-2009 23:34:21; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38947
25; 5259.4; 11-AUG-2009 23:35:46; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;38947

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4; 748.8; 12-AUG-2009 00:01:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38948
5; 1225.3; 12-AUG-2009 00:09:08; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38948
6; 1585.7; 12-AUG-2009 00:15:09; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38948
7; 1802.4; 12-AUG-2009 00:18:45; Bright; 59.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 119; 0;38948
8; 1939.6; 12-AUG-2009 00:21:02; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38948
9; 2135.7; 12-AUG-2009 00:24:18; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38948
10; 2516.8; 12-AUG-2009 00:30:40; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38948
11; 2708.9; 12-AUG-2009 00:33:52; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;38948
12; 3033.3; 12-AUG-2009 00:39:16; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38948
13; 3352.1; 12-AUG-2009 00:44:35; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38948
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17; 4097.8; 12-AUG-2009 00:57:01; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38948
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19; 4677.7; 12-AUG-2009 01:06:40; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38948
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21; 4975.2; 12-AUG-2009 01:11:38; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38948
22; 5091.0; 12-AUG-2009 01:13:34; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38948
23; 5174.4; 12-AUG-2009 01:14:57; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;38948
24; 5260.0; 12-AUG-2009 01:16:23; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;38948

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 4; -1496.0; 11-AUG-2009 06:37:48; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38937
 5; -1361.3; 11-AUG-2009 06:40:02; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38937
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 10; -417.6; 11-AUG-2009 06:55:46; Dark ; 68.5; 165; 34Gam Eri ; 2.95; 3200;occ; 137; 0;38937
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 13; 740.0; 11-AUG-2009 07:15:04; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;38938
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 2; 1942.9; 11-AUG-2009 07:35:06; Bright; 53.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 106; 0;38938
 3; 2140.2; 11-AUG-2009 07:38:24; Bright; 49.5; 61; 8Eps Peg ; 2.10; 3900;occ; 99; 0;38938
 4; 2519.7; 11-AUG-2009 07:44:43; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38938
 5; 2711.6; 11-AUG-2009 07:47:55; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38938
 6; 3036.3; 11-AUG-2009 07:53:20; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38938
 7; 3360.2; 11-AUG-2009 07:58:44; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38938
 8; 3490.8; 11-AUG-2009 08:00:54; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38938
 9; 3914.8; 11-AUG-2009 08:07:58; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;38938
 10; 4027.7; 11-AUG-2009 08:09:51; Bright; 55.5; 35; 33Alp Per ; 1.79; 6250;occ; 111; 0;38938
 11; 4198.4; 11-AUG-2009 08:12:42; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;38938
 12; 4540.2; 11-AUG-2009 08:18:24; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38938
 13; 4675.0; 11-AUG-2009 08:20:39; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38938
 14; 4859.8; 11-AUG-2009 08:23:43; Dark ; 76.0; 13; 87Alp Tau ; 0.87; 3800;occ; 152; 0;38938
 15; 4970.1; 11-AUG-2009 08:25:34; Dark ; 42.5; 27; 24Gam Ori ; 1.64; 26000;occ; 85; 0;38938
 16; 5086.0; 11-AUG-2009 08:27:30; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;38938
 17; 5253.5; 11-AUG-2009 08:30:17; Dark ; 52.0; 7; 19Bet Ori ; 0.10; 14000;occ; 104; 0;38938
 18; 5619.8; 11-AUG-2009 08:36:23; Dark ; 62.5; 165; 34Gam Eri ; 2.95; 3200;occ; 125; 0;38938
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 20; 6167.2; 11-AUG-2009 08:45:31; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38938
 21; 6776.7; 11-AUG-2009 08:55:40; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38938
 22; 7256.7; 11-AUG-2009 09:03:40; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;38938
 23; 7620.5; 11-AUG-2009 09:09:44; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;38938

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 4; 2519.4; 11-AUG-2009 09:25:19; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38939
 5; 2711.1; 11-AUG-2009 09:28:31; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38939
 6; 3036.1; 11-AUG-2009 09:33:56; Bright; 57.0; 89; 5Alp Cep ; 2.45; 8000;occ; 114; 0;38939
 7; 3359.3; 11-AUG-2009 09:39:19; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38939
 8; 3490.0; 11-AUG-2009 09:41:29; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38939
 9; 3914.5; 11-AUG-2009 09:48:34; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38939
 10; 4027.4; 11-AUG-2009 09:50:27; Bright; 58.0; 35; 33Alp Per ; 1.79; 6250;occ; 116; 0;38939
 11; 4198.3; 11-AUG-2009 09:53:18; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;38939
 12; 4540.3; 11-AUG-2009 09:59:00; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38939
 13; 4675.3; 11-AUG-2009 10:01:15; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38939
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 16; 5086.5; 11-AUG-2009 10:08:06; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;38939
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 18; 5621.2; 11-AUG-2009 10:17:01; Dark ; 72.5; 165; 34Gam Eri ; 2.95; 3200;occ; 145; 0;38939
 19; 5851.1; 11-AUG-2009 10:20:51; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38939
 20; 6168.4; 11-AUG-2009 10:26:08; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38939
 21; 6777.5; 11-AUG-2009 10:36:17; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38939
 22; 7257.3; 11-AUG-2009 10:44:17; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38939
 23; 7620.5; 11-AUG-2009 10:50:20; Bright; 62.5; 142; 49Del Cap ; 2.85; 8900;occ; 125; 0;38939

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 3; 2139.2; 11-AUG-2009 10:59:35; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;38940


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6; 3035.4; 11-AUG-2009 11:14:31; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;38940
7; 3358.5; 11-AUG-2009 11:19:54; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38940
8; 3489.3; 11-AUG-2009 11:22:05; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38940
9; 3913.7; 11-AUG-2009 11:29:09; Bright; 70.5; 160; 23Gam Per ; 2.93; 4700;occ; 141; 0;38940
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11; 4100.5; 11-AUG-2009 11:32:16; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38940
12; 4540.6; 11-AUG-2009 11:39:36; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38940
13; 4675.3; 11-AUG-2009 11:41:51; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38940
14; 4860.8; 11-AUG-2009 11:44:56; Dark ; 76.5; 13; 87Alp Tau ; 0.87; 3800;occ; 153; 0;38940
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16; 5086.9; 11-AUG-2009 11:48:42; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;38940
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19; 5852.0; 11-AUG-2009 12:01:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38940
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21; 6778.5; 11-AUG-2009 12:16:54; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38940
22; 7257.7; 11-AUG-2009 12:24:53; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38940
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3; 2138.5; 11-AUG-2009 12:40:10; Bright; 55.0; 61; 8Eps Peg ; 2.10; 3900;occ; 110; 0;38941
4; 2518.9; 11-AUG-2009 12:46:30; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38941
5; 2710.6; 11-AUG-2009 12:49:42; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38941
6; 3035.2; 11-AUG-2009 12:55:06; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38941
7; 3357.8; 11-AUG-2009 13:00:29; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38941
8; 3488.6; 11-AUG-2009 13:02:40; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38941
9; 3913.3; 11-AUG-2009 13:09:45; Bright; 58.5; 160; 23Gam Per ; 2.93; 4700;occ; 117; 0;38941
10; 4026.7; 11-AUG-2009 13:11:38; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38941
11; 4100.2; 11-AUG-2009 13:12:51; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38941
12; 4540.7; 11-AUG-2009 13:20:12; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38941
13; 4675.9; 11-AUG-2009 13:22:27; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38941
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21; 6779.4; 11-AUG-2009 13:57:31; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38941
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6; 2710.6; 11-AUG-2009 14:30:18; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38942
7; 3035.0; 11-AUG-2009 14:35:42; Bright; 57.0; 89; 5Alp Cep ; 2.45; 8000;occ; 114; 0;38942
8; 3357.0; 11-AUG-2009 14:41:04; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38942
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10; 4026.1; 11-AUG-2009 14:52:13; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;38942
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19; 6171.8; 11-AUG-2009 15:27:59; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38942
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7; 3034.6; 11-AUG-2009 16:16:18; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38943
8; 3356.2; 11-AUG-2009 16:21:39; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38943
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12; 4099.7; 11-AUG-2009 16:34:03; Bright; 48.5; 175; 39Del Per ; 3.01; 19400;occ; 97; 0;38943
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22; 6174.1; 11-AUG-2009 18:49:13; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38944
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3; 1802.9; 11-AUG-2009 19:16:58; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38945
4; 1940.6; 11-AUG-2009 19:19:16; Bright; 75.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 150; 0;38945
5; 2137.0; 11-AUG-2009 19:22:32; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;38945
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 8; 1939.1; 12-AUG-2009 02:01:38; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38949
 9; 2135.4; 12-AUG-2009 02:04:54; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38949
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 17; 1802.6; 12-AUG-2009 03:39:57; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38950
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 19; 2135.0; 12-AUG-2009 03:45:30; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38950
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 9; -860.4; 12-AUG-2009 04:36:10; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38950
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10; 2513.4; 12-AUG-2009 22:18:23; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38961
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15; 4093.2; 12-AUG-2009 22:44:43; Bright; 51.5; 175; 39Del Per ; 3.01; 19400;occ; 103; 0;38961
16; 4196.8; 12-AUG-2009 22:46:27; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38961
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19; 4873.6; 12-AUG-2009 22:57:44; Dark ; 72.5; 13; 87Alp Tau ; 0.87; 3800;occ; 145; 0;38961
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21; 5097.9; 12-AUG-2009 23:01:28; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;38961
22; 5181.6; 12-AUG-2009 23:02:52; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38961
23; 5269.0; 12-AUG-2009 23:04:19; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;38961

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3; 157.6; 12-AUG-2009 23:19:43; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38962
4; 761.6; 12-AUG-2009 23:29:47; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;38962
5; 1231.7; 12-AUG-2009 23:37:37; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38962
6; 1587.2; 12-AUG-2009 23:43:33; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38962
7; 1801.9; 12-AUG-2009 23:47:08; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38962
8; 1935.1; 12-AUG-2009 23:49:21; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38962
9; 2129.9; 12-AUG-2009 23:52:36; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38962
10; 2513.1; 12-AUG-2009 23:58:59; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38962
11; 3029.0; 13-AUG-2009 00:07:35; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38962
12; 3340.9; 13-AUG-2009 00:12:47; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;38962
13; 3472.8; 13-AUG-2009 00:14:59; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38962
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15; 4092.7; 13-AUG-2009 00:25:18; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38962
16; 4196.7; 13-AUG-2009 00:27:02; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;38962
17; 4544.7; 13-AUG-2009 00:32:50; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38962
18; 4681.7; 13-AUG-2009 00:35:07; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38962
19; 4874.3; 13-AUG-2009 00:38:20; Dark ; 79.0; 13; 87Alp Tau ; 0.87; 3800;occ; 158; 0;38962
20; 4982.3; 13-AUG-2009 00:40:08; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38962
21; 5098.4; 13-AUG-2009 00:42:04; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;38962
22; 5182.1; 13-AUG-2009 00:43:28; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38962
23; 5269.7; 13-AUG-2009 00:44:55; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;38962

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2;-2014.2; 12-AUG-2009 07:38:08; Bright; 29.0; 35; 33Alp Per ; 1.79; 6250;occ; 58; 0;38952
3;-1939.4; 12-AUG-2009 07:39:23; Bright; 76.0; 175; 39Del Per ; 3.01; 19400;occ; 152; 0;38952
4;-1493.2; 12-AUG-2009 07:46:49; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38952
5;-1357.0; 12-AUG-2009 07:49:05; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38952
6;-1167.7; 12-AUG-2009 07:52:15; Dark ; 65.5; 13; 87Alp Tau ; 0.87; 3800;occ; 131; 0;38952
7;-1058.7; 12-AUG-2009 07:54:04; Dark ; 44.0; 27; 24Gam Ori ; 1.64; 26000;occ; 88; 0;38952
8; -942.7; 12-AUG-2009 07:56:00; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38952
9; -859.2; 12-AUG-2009 07:57:23; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38952
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11; -395.7; 12-AUG-2009 08:05:07; Dark ; 49.0; 165; 34Gam Eri ; 2.95; 3200;occ; 98; 0;38952
12; -173.1; 12-AUG-2009 08:08:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38952
13; 147.3; 12-AUG-2009 08:14:10; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38953
14; 753.5; 12-AUG-2009 08:24:16; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38953
15; 1227.7; 12-AUG-2009 08:32:10; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38953
16; 1586.1; 12-AUG-2009 08:38:09; Bright; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;38953

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2; 1937.9; 12-AUG-2009 08:44:00; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38953
3; 2133.6; 12-AUG-2009 08:47:16; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38953
4; 2515.6; 12-AUG-2009 08:53:38; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;38953
5; 2707.6; 12-AUG-2009 08:56:50; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38953
6; 3031.6; 12-AUG-2009 09:02:14; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38953
7; 3348.1; 12-AUG-2009 09:07:31; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38953
8; 3479.6; 12-AUG-2009 09:09:42; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;38953
9; 3907.0; 12-AUG-2009 09:16:49; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38953
10; 4021.3; 12-AUG-2009 09:18:44; Bright; 29.0; 35; 33Alp Per ; 1.79; 6250;occ; 58; 0;38953
11; 4096.2; 12-AUG-2009 09:19:59; Bright; 49.0; 175; 39Del Per ; 3.01; 19400;occ; 98; 0;38953
12; 4542.9; 12-AUG-2009 09:27:25; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38953
13; 4679.3; 12-AUG-2009 09:29:42; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38953
14; 4868.7; 12-AUG-2009 09:32:51; Dark ; 70.5; 13; 87Alp Tau ; 0.87; 3800;occ; 141; 0;38953
15; 4977.8; 12-AUG-2009 09:34:40; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38953
16; 5093.7; 12-AUG-2009 09:36:36; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38953
17; 5177.0; 12-AUG-2009 09:38:00; Dark ; 42.0; 125; 44Iot Ori ; 2.77; 30000;occ; 84; 0;38953
18; 5263.5; 12-AUG-2009 09:39:26; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38953
19; 5641.7; 12-AUG-2009 09:45:44; Dark ; 49.0; 165; 34Gam Eri ; 2.95; 3200;occ; 98; 0;38953
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21; 6184.3; 12-AUG-2009 09:54:47; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38953
22; 6790.2; 12-AUG-2009 10:04:53; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;38953
23; 7264.1; 12-AUG-2009 10:12:47; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38953
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3; 2133.2; 12-AUG-2009 10:27:52; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38954

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5; 2707.3; 12-AUG-2009 10:37:26; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38954
6; 3031.3; 12-AUG-2009 10:42:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;38954
7; 3347.3; 12-AUG-2009 10:48:06; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38954
8; 3478.8; 12-AUG-2009 10:50:17; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38954
9; 3906.5; 12-AUG-2009 10:57:25; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38954
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11; 4095.7; 12-AUG-2009 11:00:34; Bright; 65.0; 175; 39Del Per ; 3.01; 19400;occ; 130; 0;38954
12; 4543.0; 12-AUG-2009 11:08:01; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;38954
13; 4679.3; 12-AUG-2009 11:10:18; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38954
14; 4869.2; 12-AUG-2009 11:13:28; Dark ; 67.0; 13; 87Alp Tau ; 0.87; 3800;occ; 134; 0;38954
15; 4978.2; 12-AUG-2009 11:15:17; Dark ; 44.5; 27; 24Gam Ori ; 1.64; 26000;occ; 89; 0;38954
16; 5094.2; 12-AUG-2009 11:17:13; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;38954
17; 5177.6; 12-AUG-2009 11:18:36; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38954
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19; 5643.2; 12-AUG-2009 11:26:22; Dark ; 42.0; 165; 34Gam Eri ; 2.95; 3200;occ; 84; 0;38954
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23; 7264.6; 12-AUG-2009 11:53:23; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;38954
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3; 1937.4; 12-AUG-2009 12:05:12; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38955
4; 2132.9; 12-AUG-2009 12:08:27; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38955
5; 2514.9; 12-AUG-2009 12:14:49; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38955
6; 2706.9; 12-AUG-2009 12:18:01; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38955
7; 3031.1; 12-AUG-2009 12:23:25; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38955
8; 3346.5; 12-AUG-2009 12:28:41; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38955
9; 3478.1; 12-AUG-2009 12:30:52; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;38955
10; 3905.8; 12-AUG-2009 12:38:00; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38955
11; 4020.3; 12-AUG-2009 12:39:55; Bright; 25.0; 35; 33Alp Per ; 1.79; 6250;occ; 50; 0;38955
12; 4095.3; 12-AUG-2009 12:41:10; Bright; 76.0; 175; 39Del Per ; 3.01; 19400;occ; 152; 0;38955
13; 4543.2; 12-AUG-2009 12:48:37; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38955
14; 4679.6; 12-AUG-2009 12:50:54; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38955
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18; 5178.2; 12-AUG-2009 12:59:12; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38955
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21; 5865.5; 12-AUG-2009 13:10:40; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38955
22; 6187.0; 12-AUG-2009 13:16:01; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38955
23; 6792.0; 12-AUG-2009 13:26:06; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38955
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2; 1802.2; 12-AUG-2009 13:43:32; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;38956
3; 1937.0; 12-AUG-2009 13:45:47; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38956
4; 2132.5; 12-AUG-2009 13:49:03; Bright; 68.0; 61; 8Eps Peg ; 2.10; 3900;occ; 136; 0;38956
5; 2514.9; 12-AUG-2009 13:55:25; Bright; 57.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 114; 0;38956
6; 2706.7; 12-AUG-2009 13:58:37; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38956
7; 3030.7; 12-AUG-2009 14:04:01; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38956
8; 3345.9; 12-AUG-2009 14:09:16; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;38956
9; 3477.4; 12-AUG-2009 14:11:27; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38956
10; 3905.3; 12-AUG-2009 14:18:35; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;38956
11; 4095.1; 12-AUG-2009 14:21:45; Bright; 75.5; 175; 39Del Per ; 3.01; 19400;occ; 151; 0;38956
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13; 4543.6; 12-AUG-2009 14:29:14; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;38956
14; 4680.1; 12-AUG-2009 14:31:30; Dark ; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;38956
15; 4870.6; 12-AUG-2009 14:34:41; Dark ; 78.5; 13; 87Alp Tau ; 0.87; 3800;occ; 157; 0;38956
16; 4979.3; 12-AUG-2009 14:36:29; Dark ; 52.0; 27; 24Gam Ori ; 1.64; 26000;occ; 104; 0;38956
17; 5095.4; 12-AUG-2009 14:38:25; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38956
18; 5178.8; 12-AUG-2009 14:39:49; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;38956
19; 5265.7; 12-AUG-2009 14:41:16; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;38956
20; 5646.3; 12-AUG-2009 14:47:36; Dark ; 36.0; 165; 34Gam Eri ; 2.95; 3200;occ; 72; 0;38956
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23; 6792.9; 12-AUG-2009 15:06:43; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;38956
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5; 2514.4; 12-AUG-2009 15:36:00; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38957
6; 2710.9; 12-AUG-2009 15:39:17; Bright; 51.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 102; 0;38957
7; 3030.4; 12-AUG-2009 15:44:36; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38957
8; 3476.6; 12-AUG-2009 15:52:03; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38957
9; 3905.0; 12-AUG-2009 15:59:11; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;38957
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 5; 172.3; 13-AUG-2009 21:07:45; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38975
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 11; 2124.7; 13-AUG-2009 21:40:18; Bright; 67.0; 61; 8Eps Peg ; 2.10; 3900;occ; 134; 0;38975
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 17; 4088.2; 13-AUG-2009 22:13:01; Bright; 39.0; 175; 39Del Per ; 3.01; 19400;occ; 78; 0;38975
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 21; 4685.3; 13-AUG-2009 22:22:58; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38975
 22; 4882.5; 13-AUG-2009 22:26:15; Dark ; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;38975
 23; 4989.0; 13-AUG-2009 22:28:02; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;38975
 24; 5105.4; 13-AUG-2009 22:29:58; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;38975

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4; 774.0; 13-AUG-2009 22:58:23; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;38976
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7; 1801.0; 13-AUG-2009 23:15:30; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38976
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9; 2124.5; 13-AUG-2009 23:20:53; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38976
10; 2509.5; 13-AUG-2009 23:27:18; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38976
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12; 3329.9; 13-AUG-2009 23:40:59; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38976
13; 3462.3; 13-AUG-2009 23:43:11; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38976
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16; 4195.8; 13-AUG-2009 23:55:25; Bright; 49.5; 6; 13Alp Aur ; 0.08; 3400;occ; 99; 0;38976
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13; 766.2; 13-AUG-2009 07:52:52; Dark ; 58.5; 84; Alp Phe ; 2.40; 4500;occ; 117; 0;38967
14; 1234.1; 13-AUG-2009 08:00:40; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;38967
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4; 2511.9; 13-AUG-2009 08:21:57; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38967
5; 3027.4; 13-AUG-2009 08:30:33; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38967
6; 3337.1; 13-AUG-2009 08:35:43; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38967
7; 3469.1; 13-AUG-2009 08:37:55; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38967
8; 3899.1; 13-AUG-2009 08:45:05; Bright; 52.5; 160; 23Gam Per ; 2.93; 4700;occ; 105; 0;38967
9; 4091.2; 13-AUG-2009 08:48:17; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38967
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11; 4545.5; 13-AUG-2009 08:55:51; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38967
12; 4683.0; 13-AUG-2009 08:58:08; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38967
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14; 4985.0; 13-AUG-2009 09:03:10; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38967
15; 5101.1; 13-AUG-2009 09:05:07; Dark ; 42.0; 30; 46Eps Ori ; 1.69; 30000;occ; 84; 0;38967
16; 5185.0; 13-AUG-2009 09:06:30; Dark ; 41.0; 125; 44Iot Ori ; 2.77; 30000;occ; 82; 0;38967
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19; 6200.1; 13-AUG-2009 09:23:26; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38967
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21; 7270.5; 13-AUG-2009 09:41:16; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38967
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 4; 2511.5; 13-AUG-2009 10:02:33; Bright; 57.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 114; 0;38968
 5; 3027.1; 13-AUG-2009 10:11:08; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38968
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 9; 4090.8; 13-AUG-2009 10:28:52; Bright; 53.0; 175; 39Del Per ; 3.01; 19400;occ; 106; 0;38968
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 12; 4545.6; 13-AUG-2009 10:36:27; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38968
 13; 4683.4; 13-AUG-2009 10:38:45; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38968
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 19; 5877.4; 13-AUG-2009 10:58:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38968
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 18; 5186.0; 13-AUG-2009 12:27:43; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38969
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 20; 5878.3; 13-AUG-2009 12:39:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38969
 21; 6202.3; 13-AUG-2009 12:44:40; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;38969
 22; 6804.7; 13-AUG-2009 12:54:42; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;38969
 23; 7271.5; 13-AUG-2009 13:02:29; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38969
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 13; 4683.9; 13-AUG-2009 13:59:57; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38970
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 18; 5275.4; 13-AUG-2009 14:09:48; Dark ; 59.5; 7; 19Bet Ori ; 0.10; 14000;occ; 119; 0;38970
 19; 5879.3; 13-AUG-2009 14:19:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38970
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9; 2509.2; 14-AUG-2009 01:07:54; Bright; 56.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 112; 0;38977
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9; 1801.1; 14-AUG-2009 02:36:42; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;38978
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5; 1245.0; 15-AUG-2009 00:15:13; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38991
6; 1589.9; 15-AUG-2009 00:20:58; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;38991
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10; 3020.7; 15-AUG-2009 00:44:48; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38991
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13; 4194.8; 15-AUG-2009 01:04:22; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38991
14; 4365.9; 15-AUG-2009 01:07:13; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;38991
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8; 3891.4; 14-AUG-2009 08:13:20; Bright; 33.0; 160; 23Gam Per ; 2.93; 4700;occ; 66; 0;38981
9; 4086.0; 14-AUG-2009 08:16:34; Bright; 25.0; 175; 39Del Per ; 3.01; 19400;occ; 50; 0;38981
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7; 3457.9; 14-AUG-2009 09:46:42; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38982
8; 3890.8; 14-AUG-2009 09:53:55; Bright; 30.0; 160; 23Gam Per ; 2.93; 4700;occ; 60; 0;38982
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12; 1246.7; 15-AUG-2009 06:57:38; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;38995
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3; -1479.7; 17-AUG-2009 05:08:58; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;39022
4; -1336.2; 17-AUG-2009 05:11:21; Dark ; 50.0; 176; 23Zet Tau ; 3.02; 22000;occ; 100; 0;39022
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6; -902.6; 17-AUG-2009 05:18:35; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;39022
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9; -610.0; 17-AUG-2009 05:23:27; Dark ; 48.0; 101; 11Alp Lep ; 2.58; 7000;occ; 96; 0;39022
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11; 228.7; 17-AUG-2009 05:37:26; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;39023
12; 813.7; 17-AUG-2009 05:47:11; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39023
13; 1258.6; 17-AUG-2009 05:54:36; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;39023
14; 1593.8; 17-AUG-2009 06:00:11; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;39023
15; 1799.4; 17-AUG-2009 06:03:37; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;39023
16; 1919.2; 17-AUG-2009 06:05:36; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;39023
17; 2109.0; 17-AUG-2009 06:08:46; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39023
18; 3293.1; 17-AUG-2009 06:28:30; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;39023
19; 3426.9; 17-AUG-2009 06:30:44; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;39023
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4; 1917.0; 17-AUG-2009 21:10:58; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;39032
5; 2106.1; 17-AUG-2009 21:14:07; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;39032
6; 3286.0; 17-AUG-2009 21:33:47; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;39032

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9; 4191.0; 17-AUG-2009 21:48:52; Bright; 63.0; 6; 13Alp Aur ; 0.08; 3400;occ; 126; 0;39032
10; 4368.8; 17-AUG-2009 21:51:50; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;39032
11; 4557.9; 17-AUG-2009 21:54:59; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;39032
12; 4702.5; 17-AUG-2009 21:57:23; Dark ; 47.5; 176; 23Zet Tau ; 3.02; 22000;occ; 95; 0;39032
13; 4943.2; 17-AUG-2009 22:01:24; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;39032
14; 5139.5; 17-AUG-2009 22:04:40; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;39032
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3; -603.4; 17-AUG-2009 22:09:33; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;39032
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5; 240.7; 17-AUG-2009 22:23:37; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39033
6; 821.7; 17-AUG-2009 22:33:18; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39033
7; 1262.3; 17-AUG-2009 22:40:39; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;39033
8; 1594.4; 17-AUG-2009 22:46:11; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;39033
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10; 1916.8; 17-AUG-2009 22:51:33; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;39033
11; 2105.8; 17-AUG-2009 22:54:42; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;39033
12; 3285.2; 17-AUG-2009 23:14:22; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39033
13; 3375.9; 17-AUG-2009 23:15:53; Bright; 27.0; 68; 18Alp Cas ; 2.22; 4500;occ; 54; 0;39033
14; 3501.5; 17-AUG-2009 23:17:58; Bright; 61.0; 110; 37Del Cas ; 2.68; 8900;occ; 122; 0;39033
15; 4190.8; 17-AUG-2009 23:29:27; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;39033
16; 4368.8; 17-AUG-2009 23:32:25; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;39033
17; 4558.1; 17-AUG-2009 23:35:35; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;39033
18; 4703.1; 17-AUG-2009 23:38:00; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;39033
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21; 5226.0; 17-AUG-2009 23:46:43; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;39033
22; 5324.7; 17-AUG-2009 23:48:21; Dark ; 38.0; 7; 19Bet Ori ; 0.10; 14000;occ; 76; 0;39033
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4; 242.0; 18-AUG-2009 00:04:15; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39034
5; 822.7; 18-AUG-2009 00:13:55; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;39034
6; 1262.7; 18-AUG-2009 00:21:15; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;39034
7; 1594.6; 18-AUG-2009 00:26:47; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;39034
8; 1799.2; 18-AUG-2009 00:30:12; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;39034
9; 1916.3; 18-AUG-2009 00:32:09; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;39034
10; 2105.5; 18-AUG-2009 00:35:18; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;39034
11; 3284.3; 18-AUG-2009 00:54:57; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39034
12; 3375.0; 18-AUG-2009 00:56:28; Bright; 29.0; 68; 18Alp Cas ; 2.22; 4500;occ; 58; 0;39034
13; 3500.3; 18-AUG-2009 00:58:33; Bright; 48.0; 110; 37Del Cas ; 2.68; 8900;occ; 96; 0;39034
14; 4190.9; 18-AUG-2009 01:10:03; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;39034
15; 4369.0; 18-AUG-2009 01:13:02; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39034
16; 4558.4; 18-AUG-2009 01:16:11; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;39034
17; 4703.4; 18-AUG-2009 01:18:36; Dark ; 47.5; 176; 23Zet Tau ; 3.02; 22000;occ; 95; 0;39034
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19; 5140.8; 18-AUG-2009 01:25:53; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;39034
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9; -609.4; 17-AUG-2009 07:04:04; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;39023
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11; 230.1; 17-AUG-2009 07:18:03; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39024
12; 814.6; 17-AUG-2009 07:27:48; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;39024
13; 1259.0; 17-AUG-2009 07:35:12; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39024
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 3; 2108.7; 17-AUG-2009 07:49:22; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;39024
 4; 3292.4; 17-AUG-2009 08:09:06; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39024
 5; 3426.2; 17-AUG-2009 08:11:19; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39024
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 7; 4368.3; 17-AUG-2009 08:27:02; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;39024
 8; 4556.6; 17-AUG-2009 08:30:10; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;39024
 9; 4700.2; 17-AUG-2009 08:32:33; Dark ; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;39024
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 11; 5134.6; 17-AUG-2009 08:39:48; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;39024
 12; 5220.4; 17-AUG-2009 08:41:14; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;39024
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 16; 6267.3; 17-AUG-2009 08:58:40; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39024
 17; 6851.4; 17-AUG-2009 09:08:25; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39024
 18; 7295.4; 17-AUG-2009 09:15:49; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;39024
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 4; 3291.8; 17-AUG-2009 09:49:41; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;39025
 5; 3425.3; 17-AUG-2009 09:51:54; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;39025
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 17; 6852.1; 17-AUG-2009 10:49:01; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39025
 18; 7295.7; 17-AUG-2009 10:56:25; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;39025
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 5; 3424.7; 17-AUG-2009 11:32:30; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39026
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 18; 7296.2; 17-AUG-2009 12:37:01; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;39026
 19; 7629.9; 17-AUG-2009 12:42:35; Bright; 28.0; 142; 49Del Cap ; 2.85; 8900;occ; 56; 0;39026

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 5; 3290.1; 17-AUG-2009 13:10:51; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39027
 6; 3423.9; 17-AUG-2009 13:13:05; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;39027
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13; 3261.8; 20-AUG-2009 03:12:32; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;39064
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 4; 2573.0; 23-AUG-2009 19:52:47; Bright; 49.0; 164; 44Eta Peg ; 2.95; 5400;occ; 98; 0;39117
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 6; 3356.4; 23-AUG-2009 20:05:51; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39117
 7; 4180.0; 23-AUG-2009 20:19:34; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;39117
 8; 4374.0; 23-AUG-2009 20:22:48; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39117
 9; 4576.3; 23-AUG-2009 20:26:11; Dark ; 58.0; 28; 12Bet Tau ; 1.65; 15200;occ; 116; 0;39117
10; 4751.8; 23-AUG-2009 20:29:06; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;39117
11; 4987.3; 23-AUG-2009 20:33:02; Dark ; 61.5; 14; 58Alp Ori ; 0.87; 3000;occ; 123; 0;39117
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14; 5291.3; 23-AUG-2009 20:38:06; Dark ; 52.0; 125; 44Iot Ori ; 2.77; 30000;occ; 104; 0;39117
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 9; 4652.8; 23-AUG-2009 22:08:03; Dark ; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;39118
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 11; 4987.7; 23-AUG-2009 22:13:38; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;39118
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 6; 345.4; 23-AUG-2009 22:36:51; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;39119
 7; 887.2; 23-AUG-2009 22:45:53; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;39119
 8; 1294.1; 23-AUG-2009 22:52:40; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;39119
 9; 1903.2; 23-AUG-2009 23:02:49; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;39119
 10; 2087.3; 23-AUG-2009 23:05:53; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;39119
 11; 2571.4; 23-AUG-2009 23:13:57; Bright; 65.0; 164; 44Eta Peg ; 2.95; 5400;occ; 130; 0;39119
 12; 3221.3; 23-AUG-2009 23:24:47; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39119
 13; 3354.8; 23-AUG-2009 23:27:01; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39119
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 15; 4374.1; 23-AUG-2009 23:44:00; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;39119
 16; 4653.1; 23-AUG-2009 23:48:39; Dark ; 55.5; 151; 13Mu Gem ; 2.89; 3000;occ; 111; 0;39119
 17; 4752.4; 23-AUG-2009 23:50:18; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;39119
 18; 4988.3; 23-AUG-2009 23:54:14; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;39119
 19; 5085.9; 23-AUG-2009 23:55:52; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;39119
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 21; 5293.0; 23-AUG-2009 23:59:19; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;39119
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 4; 346.5; 24-AUG-2009 00:17:28; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39120
 5; 888.0; 24-AUG-2009 00:26:30; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39120
 6; 1294.4; 24-AUG-2009 00:33:16; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39120
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 8; 2086.9; 24-AUG-2009 00:46:29; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;39120
 9; 2570.7; 24-AUG-2009 00:54:33; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39120
 10; 3220.7; 24-AUG-2009 01:05:23; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39120
 11; 3354.0; 24-AUG-2009 01:07:36; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39120
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 13; 4374.2; 24-AUG-2009 01:24:36; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;39120
 14; 4653.4; 24-AUG-2009 01:29:15; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;39120
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 16; 4989.2; 24-AUG-2009 01:34:51; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;39120
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 4; -472.0; 24-AUG-2009 01:44:26; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;39120
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 6; 347.8; 24-AUG-2009 01:58:06; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39121
 7; 888.6; 24-AUG-2009 02:07:06; Dark ; 60.0; 84; Alp Phe ; 2.40; 4500;occ; 120; 0;39121
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 12; 3219.9; 24-AUG-2009 02:45:58; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39121
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6; -948.1; 24-AUG-2009 03:17:06; Dark ; 61.0; 27; 24Gam Ori ; 1.64; 26000;occ; 122; 0;39121
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12; 349.1; 24-AUG-2009 03:38:43; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39122
13; 889.4; 24-AUG-2009 03:47:43; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;39122
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5; 4375.3; 25-AUG-2009 12:37:12; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;39141
6; 4582.2; 25-AUG-2009 12:40:39; Dark ; 60.0; 28; 12Bet Tau ; 1.65; 15200;occ; 120; 0;39141

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8; 5001.7; 25-AUG-2009 12:47:38; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;39141
9; 5105.1; 25-AUG-2009 12:49:21; Dark ; 62.0; 27; 24Gam Ori ; 1.64; 26000;occ; 124; 0;39141
10; 5222.2; 25-AUG-2009 12:51:18; Dark ; 55.0; 33; 50Zet Ori ; 1.77; 30000;occ; 110; 0;39141
11; 5312.9; 25-AUG-2009 12:52:49; Dark ; 52.5; 125; 44Iot Ori ; 2.77; 30000;occ; 105; 0;39141
12; 5406.5; 25-AUG-2009 12:54:23; Dark ; 62.0; 128; 67Bet Eri ; 2.78; 9700;occ; 124; 0;39141
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14; 5699.5; 25-AUG-2009 12:59:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39141
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16; 6939.3; 25-AUG-2009 13:19:56; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39141
17; 7337.9; 25-AUG-2009 13:26:34; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;39141
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3; 2555.3; 25-AUG-2009 13:47:27; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39142
4; 3205.3; 25-AUG-2009 13:58:18; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39142
5; 3338.0; 25-AUG-2009 14:00:30; Bright; 44.0; 76; 27Gam Cas ; 2.30; 30000;occ; 88; 0;39142
6; 4175.9; 25-AUG-2009 14:14:28; Bright; 55.5; 6; 13Alp Aur ; 0.08; 3400;occ; 111; 0;39142
7; 4375.5; 25-AUG-2009 14:17:48; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39142
8; 4582.5; 25-AUG-2009 14:21:15; Dark ; 59.5; 28; 12Bet Tau ; 1.65; 15200;occ; 119; 0;39142
9; 4759.8; 25-AUG-2009 14:24:12; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;39142
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11; 5105.9; 25-AUG-2009 14:29:58; Dark ; 62.5; 27; 24Gam Ori ; 1.64; 26000;occ; 125; 0;39142
12; 5223.1; 25-AUG-2009 14:31:55; Dark ; 53.0; 33; 50Zet Ori ; 1.77; 30000;occ; 106; 0;39142
13; 5314.0; 25-AUG-2009 14:33:26; Dark ; 51.0; 125; 44Iot Ori ; 2.77; 30000;occ; 102; 0;39142
14; 5407.9; 25-AUG-2009 14:35:00; Dark ; 63.5; 128; 67Bet Eri ; 2.78; 9700;occ; 127; 0;39142
15; 5524.1; 25-AUG-2009 14:36:56; Dark ; 49.5; 101; 11Alp Lep ; 2.58; 7000;occ; 99; 0;39142
16; 5700.5; 25-AUG-2009 14:39:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39142
17; 6411.0; 25-AUG-2009 14:51:43; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39142
18; 6940.1; 25-AUG-2009 15:00:32; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;39142
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3; 1900.6; 25-AUG-2009 20:18:57; Bright; 53.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 106; 0;39146
4; 2083.3; 25-AUG-2009 20:21:59; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39146
5; 2552.4; 25-AUG-2009 20:29:48; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;39146
6; 3202.5; 25-AUG-2009 20:40:39; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39146
7; 3335.0; 25-AUG-2009 20:42:51; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39146
8; 4175.1; 25-AUG-2009 20:56:51; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;39146
9; 4375.7; 25-AUG-2009 21:00:12; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39146
10; 4583.3; 25-AUG-2009 21:03:39; Dark ; 59.5; 28; 12Bet Tau ; 1.65; 15200;occ; 119; 0;39146
11; 4761.0; 25-AUG-2009 21:06:37; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;39146
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13; 5109.5; 25-AUG-2009 21:12:26; Dark ; 63.0; 27; 24Gam Ori ; 1.64; 26000;occ; 126; 0;39146
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3; -691.7; 25-AUG-2009 21:16:20; Dark ; 50.0; 56; 53Kap Ori ; 2.07; 30000;occ; 100; 0;39146
4; -596.3; 25-AUG-2009 21:17:56; Dark ; 75.5; 7; 19Bet Ori ; 0.10; 14000;occ; 151; 0;39146
5; -447.4; 25-AUG-2009 21:20:25; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;39146
6; -331.5; 25-AUG-2009 21:22:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39146
7; 379.8; 25-AUG-2009 21:34:12; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39147
8; 906.8; 25-AUG-2009 21:42:59; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;39147
9; 1303.7; 25-AUG-2009 21:49:36; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;39147
10; 1900.4; 25-AUG-2009 21:59:32; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;39147
11; 2083.1; 25-AUG-2009 22:02:35; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39147
12; 2551.8; 25-AUG-2009 22:10:24; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;39147
13; 3201.7; 25-AUG-2009 22:21:14; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39147
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16; 4375.5; 25-AUG-2009 22:40:47; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;39147
17; 4583.5; 25-AUG-2009 22:44:15; Dark ; 57.5; 28; 12Bet Tau ; 1.65; 15200;occ; 115; 0;39147
18; 4761.4; 25-AUG-2009 22:47:13; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39147
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21; 5227.8; 25-AUG-2009 22:55:00; Dark ; 59.5; 30; 46Eps Ori ; 1.69; 30000;occ; 119; 0;39147
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 11; 3201.0; 26-AUG-2009 00:01:49; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39148
 12; 3333.5; 26-AUG-2009 00:04:01; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39148
 13; 4174.7; 26-AUG-2009 00:18:03; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;39148
 14; 4375.5; 26-AUG-2009 00:21:23; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;39148
 15; 4583.7; 26-AUG-2009 00:24:51; Dark ; 61.5; 28; 12Bet Tau ; 1.65; 15200;occ; 123; 0;39148
 16; 4761.7; 26-AUG-2009 00:27:49; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;39148
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 18; 5111.4; 26-AUG-2009 00:33:39; Dark ; 61.5; 27; 24Gam Ori ; 1.64; 26000;occ; 123; 0;39148
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 5; 3337.3; 25-AUG-2009 15:41:05; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39143
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 17; 4762.0; 26-AUG-2009 02:08:26; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;39149
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 9; 908.8; 26-AUG-2009 02:44:48; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;39150
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 12; 2083.0; 26-AUG-2009 03:04:22; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39150
 13; 2549.9; 26-AUG-2009 03:12:09; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39150
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 3; -1451.6; 26-AUG-2009 03:46:04; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39150
 4; -1273.6; 26-AUG-2009 03:49:02; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39150
 5; -1028.4; 26-AUG-2009 03:53:07; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;39150
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 7; -805.3; 26-AUG-2009 03:56:50; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39150
 8; -688.3; 26-AUG-2009 03:58:47; Dark ; 52.5; 56; 53Kap Ori ; 2.07; 30000;occ; 105; 0;39150
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 12; 384.9; 26-AUG-2009 04:16:40; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39151
 13; 909.5; 26-AUG-2009 04:25:25; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;39151
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 17; 2549.1; 26-AUG-2009 04:52:45; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39151
 18; 3199.0; 26-AUG-2009 05:03:35; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39151
 19; 3331.4; 26-AUG-2009 05:05:47; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39151

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13; 910.3; 26-AUG-2009 06:06:02; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39152
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17; 2548.6; 26-AUG-2009 06:33:20; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39152
18; 3198.4; 26-AUG-2009 06:44:10; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39152
19; 3330.5; 26-AUG-2009 06:46:22; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39152
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3; 1899.2; 26-AUG-2009 21:27:54; Bright; 59.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 118; 0;39161
4; 2081.3; 26-AUG-2009 21:30:56; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;39161
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9; 4376.0; 26-AUG-2009 22:09:11; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39161
10; 4587.0; 26-AUG-2009 22:12:42; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39161
11; 4765.7; 26-AUG-2009 22:15:41; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;39161
12; 5014.5; 26-AUG-2009 22:19:49; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;39161
13; 5123.5; 26-AUG-2009 22:21:38; Dark ; 63.5; 27; 24Gam Ori ; 1.64; 26000;occ; 127; 0;39161
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3; -578.2; 26-AUG-2009 22:27:13; Dark ; 73.5; 7; 19Bet Ori ; 0.10; 14000;occ; 147; 0;39161
4; -432.5; 26-AUG-2009 22:29:38; Dark ; 54.0; 139; 9Bet Lep ; 2.83; 5600;occ; 108; 0;39161
5; -316.6; 26-AUG-2009 22:31:34; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39161
6; 398.3; 26-AUG-2009 22:43:29; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39162
7; 916.8; 26-AUG-2009 22:52:08; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39162
8; 1308.4; 26-AUG-2009 22:58:39; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39162
9; 1898.9; 26-AUG-2009 23:08:30; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;39162
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11; 2542.0; 26-AUG-2009 23:19:13; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39162
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13; 3323.1; 26-AUG-2009 23:32:14; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39162
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9; 5010.6; 26-AUG-2009 12:16:10; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;39155
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17; 6948.6; 26-AUG-2009 12:48:28; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39155
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 4; 2544.7; 26-AUG-2009 16:36:52; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39158
 5; 3194.1; 26-AUG-2009 16:47:41; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39158
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 9; 4586.3; 26-AUG-2009 17:10:53; Dark ; 61.0; 28; 12Bet Tau ; 1.65; 15200;occ; 122; 0;39158
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4; 421.7; 28-AUG-2009 06:35:15; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39181
5; 929.2; 28-AUG-2009 06:43:43; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39181
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3; 2529.7; 28-AUG-2009 08:50:59; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39182
4; 3177.8; 28-AUG-2009 09:01:47; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39182
5; 3308.7; 28-AUG-2009 09:03:58; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39182
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8; 4592.6; 28-AUG-2009 09:25:22; Dark ; 33.0; 28; 12Bet Tau ; 1.65; 15200;occ; 66; 0;39182
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3; 2529.1; 28-AUG-2009 10:31:34; Bright; 45.0; 164; 44Eta Peg ; 2.95; 5400;occ; 90; 0;39183
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5; 3308.0; 28-AUG-2009 10:44:33; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39183
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7; 4377.0; 28-AUG-2009 11:02:22; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;39183
8; 4592.9; 28-AUG-2009 11:05:58; Dark ; 33.0; 28; 12Bet Tau ; 1.65; 15200;occ; 66; 0;39183
9; 4670.9; 28-AUG-2009 11:07:16; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;39183
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13; 5376.9; 28-AUG-2009 11:19:02; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39183
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5; 3307.3; 28-AUG-2009 12:25:08; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39184
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3; 2528.0; 28-AUG-2009 13:52:45; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;39185
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4; 2526.7; 28-AUG-2009 17:13:56; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39187
5; 3174.4; 28-AUG-2009 17:24:43; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39187
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8; 4686.1; 31-AUG-2009 21:16:51; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;39232
9; 4791.6; 31-AUG-2009 21:18:37; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39232
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3; -415.8; 31-AUG-2009 21:32:25; Dark ; 55.0; 101; 11Alp Lep ; 2.58; 7000;occ; 110; 0;39232
4; -240.0; 31-AUG-2009 21:35:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39232
5; 485.0; 31-AUG-2009 21:47:26; Dark ; 56.0; 157; The1Eri ; 2.91; 9300;occ; 112; 0;39233
6; 961.1; 31-AUG-2009 21:55:22; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;39233
7; 1329.3; 31-AUG-2009 22:01:31; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;39233
8; 2251.0; 31-AUG-2009 22:16:52; Bright; 70.0; 90; 54Alp Peg ; 2.49; 11000;occ; 140; 0;39233
9; 2502.2; 31-AUG-2009 22:21:03; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39233
10; 3144.0; 31-AUG-2009 22:31:45; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39233
11; 3272.4; 31-AUG-2009 22:33:54; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39233
12; 4156.1; 31-AUG-2009 22:48:37; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;39233
13; 4378.1; 31-AUG-2009 22:52:19; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;39233
14; 4686.4; 31-AUG-2009 22:57:28; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;39233
15; 4791.8; 31-AUG-2009 22:59:13; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39233
16; 5067.4; 31-AUG-2009 23:03:49; Dark ; 74.5; 14; 58Alp Ori ; 0.87; 3000;occ; 149; 0;39233
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4; 486.3; 31-AUG-2009 23:28:03; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39234
5; 961.6; 31-AUG-2009 23:35:59; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39234
6; 1329.5; 31-AUG-2009 23:42:07; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39234
7; 2250.3; 31-AUG-2009 23:57:27; Bright; 47.0; 90; 54Alp Peg ; 2.49; 11000;occ; 94; 0;39234
8; 2501.6; 01-SEP-2009 00:01:39; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;39234
9; 3143.7; 01-SEP-2009 00:12:21; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39234
10; 3271.6; 01-SEP-2009 00:14:29; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39234
11; 4155.9; 01-SEP-2009 00:29:13; Bright; 64.0; 6; 13Alp Aur ; 0.08; 3400;occ; 128; 0;39234
12; 4378.0; 01-SEP-2009 00:32:55; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39234
13; 4686.7; 01-SEP-2009 00:38:04; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;39234
14; 4792.4; 01-SEP-2009 00:39:49; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39234
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2; -1658.0; 31-AUG-2009 06:06:20; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;39223
3; -1352.6; 31-AUG-2009 06:11:25; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;39223
4; -1247.7; 31-AUG-2009 06:13:10; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39223
5; -976.6; 31-AUG-2009 06:17:41; Dark ; 73.5; 14; 58Alp Ori ; 0.87; 3000;occ; 147; 0;39223
6; -730.1; 31-AUG-2009 06:21:48; Dark ; 66.0; 30; 46Eps Ori ; 1.69; 30000;occ; 132; 0;39223
7; -594.0; 31-AUG-2009 06:24:04; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39223
8; -426.7; 31-AUG-2009 06:26:51; Dark ; 58.0; 101; 11Alp Lep ; 2.58; 7000;occ; 116; 0;39223
9; -250.2; 31-AUG-2009 06:29:48; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39223
10; 474.1; 31-AUG-2009 06:41:52; Dark ; 56.5; 157; The1Eri ; 2.91; 9300;occ; 113; 0;39224
11; 955.8; 31-AUG-2009 06:49:54; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;39224
12; 1326.8; 31-AUG-2009 06:56:05; Dark ; 41.5; 18; 24Alp PsA ; 1.17; 9700;occ; 83; 0;39224
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2; 2255.8; 31-AUG-2009 07:11:34; Bright; 47.5; 90; 54Alp Peg ; 2.49; 11000;occ; 95; 0;39224
3; 2506.7; 31-AUG-2009 07:15:45; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39224
4; 3149.9; 31-AUG-2009 07:26:28; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39224
5; 3278.8; 31-AUG-2009 07:28:37; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39224
6; 4158.4; 31-AUG-2009 07:43:16; Bright; 63.5; 6; 13Alp Aur ; 0.08; 3400;occ; 127; 0;39224
7; 4378.1; 31-AUG-2009 07:46:56; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39224

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 9; 4788.4; 31-AUG-2009 07:53:46; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;39224
 10; 5060.4; 31-AUG-2009 07:58:18; Dark ; 77.0; 14; 58Alp Ori ; 0.87; 3000;occ; 154; 0;39224
 11; 5307.1; 31-AUG-2009 08:02:25; Dark ; 64.0; 30; 46Eps Ori ; 1.69; 30000;occ; 128; 0;39224
 12; 5442.8; 31-AUG-2009 08:04:41; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39224
 13; 5610.4; 31-AUG-2009 08:07:28; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39224
 14; 5786.8; 31-AUG-2009 08:10:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39224
 15; 6511.6; 31-AUG-2009 08:22:30; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39224
 16; 6992.5; 31-AUG-2009 08:30:30; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;39224
 17; 7363.0; 31-AUG-2009 08:36:41; Dark ; 45.0; 18; 24Alp PsA ; 1.17; 9700;occ; 90; 0;39224

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 2; 2255.2; 31-AUG-2009 08:52:09; Bright; 48.5; 90; 54Alp Peg ; 2.49; 11000;occ; 97; 0;39225
 3; 2506.1; 31-AUG-2009 08:56:20; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39225
 4; 3149.4; 31-AUG-2009 09:07:03; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39225
 5; 3278.0; 31-AUG-2009 09:09:12; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39225
 6; 4158.2; 31-AUG-2009 09:23:52; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;39225
 7; 4378.1; 31-AUG-2009 09:27:32; Bright; 50.0; 107; 37The Aur ; 2.65; 11000;occ; 100; 0;39225
 8; 4683.9; 31-AUG-2009 09:32:38; Dark ; 61.0; 151; 13Mu Gem ; 2.89; 3000;occ; 122; 0;39225
 9; 4788.9; 31-AUG-2009 09:34:23; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;39225
 10; 5061.2; 31-AUG-2009 09:38:55; Dark ; 70.5; 14; 58Alp Ori ; 0.87; 3000;occ; 141; 0;39225
 11; 5308.1; 31-AUG-2009 09:43:02; Dark ; 64.5; 30; 46Eps Ori ; 1.69; 30000;occ; 129; 0;39225
 12; 5443.4; 31-AUG-2009 09:45:17; Dark ; 42.5; 47; 2Bet CMA ; 1.98; 28000;occ; 85; 0;39225
 13; 5611.6; 31-AUG-2009 09:48:06; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;39225
 14; 5787.9; 31-AUG-2009 09:51:02; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39225
 15; 6512.6; 31-AUG-2009 10:03:06; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39225
 16; 6993.1; 31-AUG-2009 10:11:07; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39225
 17; 7363.2; 31-AUG-2009 10:17:17; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39225

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 3; 2505.7; 31-AUG-2009 10:36:55; Bright; 43.0; 164; 44Eta Peg ; 2.95; 5400;occ; 86; 0;39226
 4; 3148.7; 31-AUG-2009 10:47:39; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39226
 5; 3277.3; 31-AUG-2009 10:49:47; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39226
 6; 4157.9; 31-AUG-2009 11:04:28; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39226
 7; 4378.2; 31-AUG-2009 11:08:08; Bright; 48.5; 107; 37The Aur ; 2.65; 11000;occ; 97; 0;39226
 8; 4684.2; 31-AUG-2009 11:13:14; Dark ; 64.0; 151; 13Mu Gem ; 2.89; 3000;occ; 128; 0;39226
 9; 4789.1; 31-AUG-2009 11:14:59; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39226
 10; 5061.9; 31-AUG-2009 11:19:32; Dark ; 75.0; 14; 58Alp Ori ; 0.87; 3000;occ; 150; 0;39226
 11; 5309.1; 31-AUG-2009 11:23:39; Dark ; 63.0; 30; 46Eps Ori ; 1.69; 30000;occ; 126; 0;39226
 12; 5444.1; 31-AUG-2009 11:25:54; Dark ; 47.5; 47; 2Bet CMA ; 1.98; 28000;occ; 95; 0;39226
 13; 5612.7; 31-AUG-2009 11:28:42; Dark ; 55.5; 101; 11Alp Lep ; 2.58; 7000;occ; 111; 0;39226
 14; 5789.0; 31-AUG-2009 11:31:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39226
 15; 6513.8; 31-AUG-2009 11:43:44; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39226
 16; 6993.6; 31-AUG-2009 11:51:43; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;39226
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 3; 2505.1; 31-AUG-2009 12:17:31; Bright; 41.0; 164; 44Eta Peg ; 2.95; 5400;occ; 82; 0;39227
 4; 3148.2; 31-AUG-2009 12:28:14; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39227
 5; 3276.6; 31-AUG-2009 12:30:22; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39227
 6; 4157.6; 31-AUG-2009 12:45:03; Bright; 73.0; 6; 13Alp Aur ; 0.08; 3400;occ; 146; 0;39227
 7; 4378.2; 31-AUG-2009 12:48:44; Bright; 51.5; 107; 37The Aur ; 2.65; 11000;occ; 103; 0;39227
 8; 4684.5; 31-AUG-2009 12:53:50; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;39227
 9; 4789.7; 31-AUG-2009 12:55:35; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;39227
 10; 5062.8; 31-AUG-2009 13:00:08; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;39227
 11; 5310.3; 31-AUG-2009 13:04:16; Dark ; 59.0; 30; 46Eps Ori ; 1.69; 30000;occ; 118; 0;39227
 12; 5445.0; 31-AUG-2009 13:06:31; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39227
 13; 5613.9; 31-AUG-2009 13:09:19; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39227
 14; 5790.2; 31-AUG-2009 13:12:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39227
 15; 6515.1; 31-AUG-2009 13:24:21; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39227
 16; 6994.1; 31-AUG-2009 13:32:20; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39227
 17; 7363.8; 31-AUG-2009 13:38:29; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39227

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 2; 2504.8; 31-AUG-2009 13:58:06; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39228
 3; 3147.5; 31-AUG-2009 14:08:49; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39228


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4; 3275.8; 31-AUG-2009 14:10:57; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39228
5; 4157.6; 31-AUG-2009 14:25:39; Bright; 62.0; 6; 13Alp Aur ; 0.08; 3400;occ; 124; 0;39228
6; 4378.3; 31-AUG-2009 14:29:20; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39228
7; 4684.9; 31-AUG-2009 14:34:26; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;39228
8; 4790.1; 31-AUG-2009 14:36:12; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39228
9; 5063.8; 31-AUG-2009 14:40:45; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39228
10; 5311.7; 31-AUG-2009 14:44:53; Dark ; 65.0; 30; 46Eps Ori ; 1.69; 30000;occ; 130; 0;39228
11; 5445.8; 31-AUG-2009 14:47:07; Dark ; 46.5; 47; 2Bet CMA ; 1.98; 28000;occ; 93; 0;39228
12; 5615.1; 31-AUG-2009 14:49:57; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;39228
13; 5791.4; 31-AUG-2009 14:52:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39228
14; 6516.3; 31-AUG-2009 15:04:58; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39228
15; 6994.7; 31-AUG-2009 15:12:56; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39228
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2; 2253.0; 31-AUG-2009 15:34:30; Bright; 47.5; 90; 54Alp Peg ; 2.49; 11000;occ; 95; 0;39229
3; 2504.2; 31-AUG-2009 15:38:42; Bright; 55.5; 164; 44Eta Peg ; 2.95; 5400;occ; 111; 0;39229
4; 3146.9; 31-AUG-2009 15:49:24; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39229
5; 3275.1; 31-AUG-2009 15:51:33; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39229
6; 4157.4; 31-AUG-2009 16:06:15; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;39229
7; 4378.1; 31-AUG-2009 16:09:56; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;39229
8; 4685.1; 31-AUG-2009 16:15:03; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;39229
9; 4790.5; 31-AUG-2009 16:16:48; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;39229
10; 5064.4; 31-AUG-2009 16:21:22; Dark ; 73.0; 14; 58Alp Ori ; 0.87; 3000;occ; 146; 0;39229
11; 5313.1; 31-AUG-2009 16:25:30; Dark ; 65.0; 30; 46Eps Ori ; 1.69; 30000;occ; 130; 0;39229
12; 5446.5; 31-AUG-2009 16:27:44; Dark ; 48.0; 47; 2Bet CMA ; 1.98; 28000;occ; 96; 0;39229
13; 5616.3; 31-AUG-2009 16:30:34; Dark ; 56.0; 101; 11Alp Lep ; 2.58; 7000;occ; 112; 0;39229
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3; 2503.7; 31-AUG-2009 17:19:17; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39230
4; 3146.3; 31-AUG-2009 17:30:00; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39230
5; 3274.4; 31-AUG-2009 17:32:08; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39230
6; 4157.1; 31-AUG-2009 17:46:51; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;39230
7; 4378.2; 31-AUG-2009 17:50:32; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39230
8; 4685.5; 31-AUG-2009 17:55:39; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;39230
9; 4790.9; 31-AUG-2009 17:57:24; Dark ; 49.0; 44; 24Gam Gem ; 1.93; 11000;occ; 98; 0;39230
10; 5314.3; 31-AUG-2009 18:06:08; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;39230
11; 5447.4; 31-AUG-2009 18:08:21; Dark ; 45.5; 47; 2Bet CMA ; 1.98; 28000;occ; 91; 0;39230
12; 5617.6; 31-AUG-2009 18:11:11; Dark ; 58.5; 101; 11Alp Lep ; 2.58; 7000;occ; 117; 0;39230
13; 5793.7; 31-AUG-2009 18:14:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39230
14; 6518.6; 31-AUG-2009 18:26:12; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39230
15; 6996.0; 31-AUG-2009 18:34:09; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;39230
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1; 1328.7; 31-AUG-2009 18:40:18; Dark ; 45.0; 18; 24Alp PsA ; 1.17; 9700;occ; 90; 0;39231
2; 2252.0; 31-AUG-2009 18:55:41; Bright; 48.5; 90; 54Alp Peg ; 2.49; 11000;occ; 97; 0;39231
3; 2503.2; 31-AUG-2009 18:59:53; Bright; 42.5; 164; 44Eta Peg ; 2.95; 5400;occ; 85; 0;39231
4; 3145.5; 31-AUG-2009 19:10:35; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39231
5; 3273.8; 31-AUG-2009 19:12:43; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39231
6; 4156.8; 31-AUG-2009 19:27:26; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39231
7; 4378.2; 31-AUG-2009 19:31:08; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39231
8; 4685.8; 31-AUG-2009 19:36:15; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;39231
9; 4791.2; 31-AUG-2009 19:38:01; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;39231
10; 5315.1; 31-AUG-2009 19:46:45; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;39231
11; 5447.9; 31-AUG-2009 19:48:57; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39231
12; 5618.7; 31-AUG-2009 19:51:48; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;39231
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15; 6996.5; 31-AUG-2009 20:14:46; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;39231

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