

GOMOS Daily Report 01-MAY-2010

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	04MAY2010 04:47:12
Data source version	GOMOS/5.00L04
Start time of products	01MAY2010 00:00:14
Stop time of products	01MAY2010 23:57:36
Store outputs in DB	Yes
Nb of level 1b prods	135
Nb of prods with errors	0

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

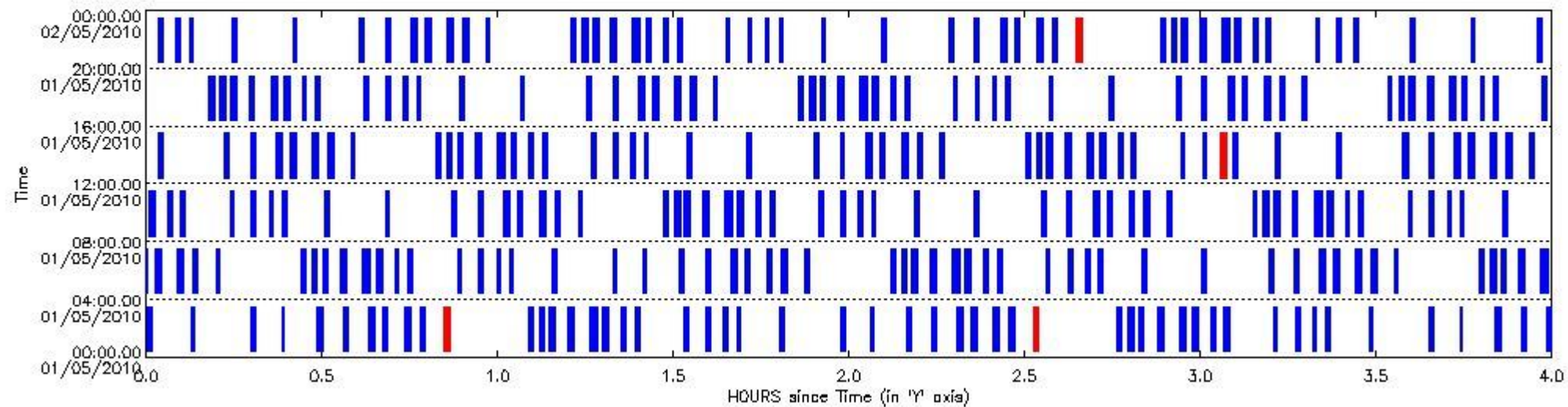
2.1 Level 0 products arrived in PCF (see template [here](#))

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
01-MAY-2010 00:50:47	GamGru	172	42698
01-MAY-2010 02:31:24	GamGru	172	42699
01-MAY-2010 15:03:28	27GamBoo	180	42707
01-MAY-2010 22:38:44	GamGru	172	42711

2.4 Summary of processed GOM_TRA_1P products

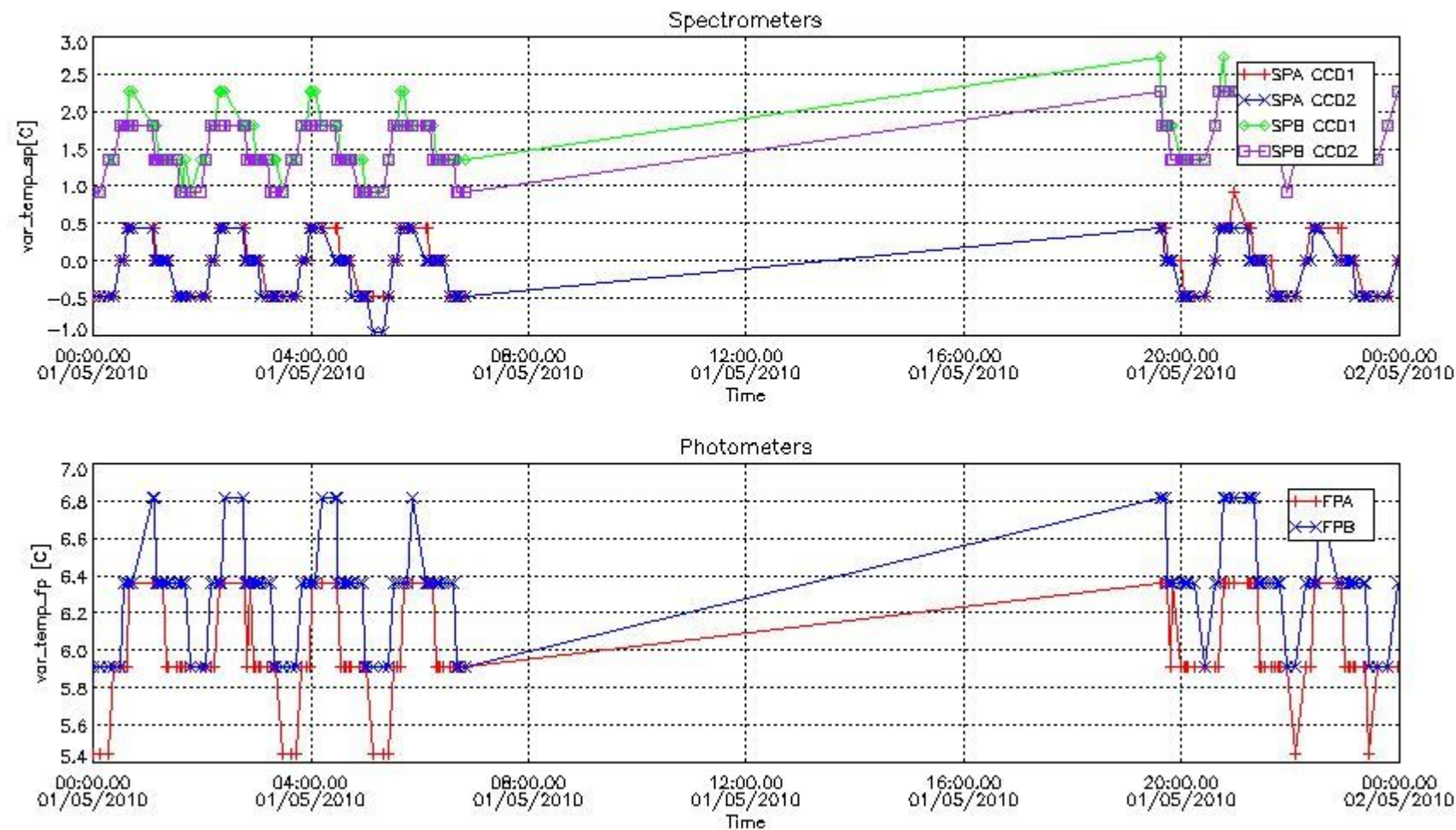
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100501_000014_000000402089_00059_42698_7823.N1	01-MAY-2010 00:00:14	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42698	No
2	GOM_TRA_1PNPDE20100501_000735_000000432089_00059_42698_7824.N1	01-MAY-2010 00:07:35	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42698	No
3	GOM_TRA_1PNPDE20100501_001752_000000432089_00059_42698_7825.N1	01-MAY-2010 00:17:52	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42698	No
4	GOM_TRA_1PNPDE20100501_002304_000000322089_00059_42698_7826.N1	01-MAY-2010 00:23:04	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	42698	No
5	GOM_TRA_1PNPDE20100501_002911_000000522089_00059_42698_7827.N1	01-MAY-2010 00:29:11	Bright	51.500	164	44Eta Peg	2.9480	5400.0	103	42698	No
6	GOM_TRA_1PNPDE20100501_003336_000000452089_00059_42698_7828.N1	01-MAY-2010 00:33:36	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	42698	No
7	GOM_TRA_1PNPDE20100501_003753_000000662089_00059_42698_7829.N1	01-MAY-2010 00:37:53	Dark	66.000	61	8Eps Peg	2.1000	3900.0	132	42698	No

8	GOM_TRA_1PNPDE20100501_004019_000000572089_00059_42698_7830.N1	01-MAY-2010 00:40:19	Dark	56.500	162	34Alp Aqr	2.9440	5350.0	113	42698	No
9	GOM_TRA_1PNPDE20100501_004401_000000622089_00059_42698_7834.N1	01-MAY-2010 00:44:01	Dark	61.500	154	22Bet Aqr	2.8990	5700.0	123	42698	No
10	GOM_TRA_1PNPDE20100501_010514_000000442089_00060_42699_7835.N1	01-MAY-2010 01:05:14	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42699	No
11	GOM_TRA_1PNPDE20100501_010704_000000542089_00060_42699_7836.N1	01-MAY-2010 01:07:04	Straylight	53.500	40	The Sco	1.8590	7100.0	107	42699	No
12	GOM_TRA_1PNPDE20100501_010849_000000592089_00060_42699_7837.N1	01-MAY-2010 01:08:49	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	42699	No
13	GOM_TRA_1PNPDE20100501_011157_000000602089_00060_42699_7838.N1	01-MAY-2010 01:11:57	Straylight	60.000	75	26Eps Sco	2.2910	4250.0	120	42699	No
14	GOM_TRA_1PNPDE20100501_011543_000000812089_00060_42699_7839.N1	01-MAY-2010 01:15:43	Twilight	81.000	16	21Alp Sco	1.0200	3000.0	162	42699	No
15	GOM_TRA_1PNPDE20100501_011758_000000592089_00060_42699_7840.N1	01-MAY-2010 01:17:58	Twilight	58.500	80	7Del Sco	2.3160	30000.	117	42699	No
16	GOM_TRA_1PNPDE20100501_012109_000000452089_00060_42699_7841.N1	01-MAY-2010 01:21:09	Bright	45.000	122	9Alp2Lib	2.7470	9700.0	90	42699	No
17	GOM_TRA_1PNPDE20100501_012327_000000482089_00060_42699_7842.N1	01-MAY-2010 01:23:27	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	42699	No
18	GOM_TRA_1PNPDE20100501_013152_000000402089_00060_42699_7843.N1	01-MAY-2010 01:31:52	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	42699	No
19	GOM_TRA_1PNPDE20100501_013535_000000462089_00060_42699_7844.N1	01-MAY-2010 01:35:35	Bright	45.500	83		2.3780	11000.	91	42699	No
20	GOM_TRA_1PNPDE20100501_013836_000000412089_00060_42699_7845.N1	01-MAY-2010 01:38:36	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	42699	No
21	GOM_TRA_1PNPDE20100501_014049_000000402089_00060_42699_7846.N1	01-MAY-2010 01:40:49	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42699	No
22	GOM_TRA_1PNPDE20100501_014810_000000452089_00060_42699_7847.N1	01-MAY-2010 01:48:10	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42699	No
23	GOM_TRA_1PNPDE20100501_015828_000000512089_00060_42699_7848.N1	01-MAY-2010 01:58:28	Bright	50.500	89	5Alp Cep	2.4510	8000.0	101	42699	No
24	GOM_TRA_1PNPDE20100501_020339_000000322089_00060_42699_7849.N1	01-MAY-2010 02:03:39	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	42699	No
25	GOM_TRA_1PNPDE20100501_020947_000000522089_00060_42699_7850.N1	01-MAY-2010 02:09:47	Bright	51.500	164	44Eta Peg	2.9480	5400.0	103	42699	No
26	GOM_TRA_1PNPDE20100501_021412_000000452089_00060_42699_7851.N1	01-MAY-2010 02:14:12	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	42699	No
27	GOM_TRA_1PNPDE20100501_021829_000000652089_00060_42699_7854.N1	01-MAY-2010 02:18:29	Dark	65.000	61	8Eps Peg	2.1000	3900.0	130	42699	No
28	GOM_TRA_1PNPDE20100501_022056_000000572089_00060_42699_7855.N1	01-MAY-2010 02:20:56	Dark	56.500	162	34Alp Aqr	2.9440	5350.0	113	42699	No
29	GOM_TRA_1PNPDE20100501_022438_000000622089_00060_42699_7856.N1	01-MAY-2010 02:24:38	Dark	62.000	154	22Bet Aqr	2.8990	5700.0	124	42699	No
30	GOM_TRA_1PNPDE20100501_024550_000000422089_00061_42700_7857.N1	01-MAY-2010 02:45:50	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	42700	No
31	GOM_TRA_1PNPDE20100501_024741_000000552089_00061_42700_7858.N1	01-MAY-2010 02:47:41	Straylight	55.000	40	The Sco	1.8590	7100.0	110	42700	No
32	GOM_TRA_1PNPDE20100501_024926_000000582089_00061_42700_7859.N1	01-MAY-2010 02:49:26	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	42700	No
33	GOM_TRA_1PNPDE20100501_025234_000000652089_00061_42700_7860.N1	01-MAY-2010 02:52:34	Straylight	64.500	75	26Eps Sco	2.2910	4250.0	129	42700	No
34	GOM_TRA_1PNPDE20100501_025619_000000682089_00061_42700_7861.N1	01-MAY-2010 02:56:19	Twilight	68.000	16	21Alp Sco	1.0200	3000.0	136	42700	No
35	GOM_TRA_1PNPDE20100501_025835_000000592089_00061_42700_7862.N1	01-MAY-2010 02:58:35	Twilight	59.000	80	7Del Sco	2.3160	30000.	118	42700	No
36	GOM_TRA_1PNPDE20100501_030145_000000442089_00061_42700_7863.N1	01-MAY-2010 03:01:45	Bright	43.500	122	9Alp2Lib	2.7470	9700.0	87	42700	No
37	GOM_TRA_1PNPDE20100501_030403_000000512089_00061_42700_7864.N1	01-MAY-2010 03:04:03	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	42700	No
38	GOM_TRA_1PNPDE20100501_031228_000000382089_00061_42700_7865.N1	01-MAY-2010 03:12:28	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42700	No
39	GOM_TRA_1PNPDE20100501_031611_000000462089_00061_42700_7866.N1	01-MAY-2010 03:16:11	Bright	46.000	83		2.3780	11000.	92	42700	No
40	GOM_TRA_1PNPDE20100501_031911_000000412089_00061_42700_7867.N1	01-MAY-2010 03:19:11	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42700	No
41	GOM_TRA_1PNPDE20100501_032125_000000402089_00061_42700_7868.N1	01-MAY-2010 03:21:25	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42700	No
42	GOM_TRA_1PNPDE20100501_032846_000000442089_00061_42700_7869.N1	01-MAY-2010 03:28:46	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42700	No
43	GOM_TRA_1PNPDE20100501_033903_000000442089_00061_42700_7887.N1	01-MAY-2010 03:39:03	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42700	No
44	GOM_TRA_1PNPDE20100501_034415_000000272089_00061_42700_7888.N1	01-MAY-2010 03:44:15	Twilight	27.000	19	50Alp Cyg	1.2460	10500.	54	42700	No
45	GOM_TRA_1PNPDE20100501_035023_000000512089_00061_42700_7889.N1	01-MAY-2010 03:50:23	Bright	50.500	164	44Eta Peg	2.9480	5400.0	101	42700	No
46	GOM_TRA_1PNPDE20100501_035448_000000462089_00061_42700_7890.N1	01-MAY-2010 03:54:48	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42700	No
47	GOM_TRA_1PNPDE20100501_035906_000000672089_00061_42700_7891.N1	01-MAY-2010 03:59:06	Dark	66.500	61	8Eps Peg	2.1000	3900.0	133	42700	No
48	GOM_TRA_1PNPDE20100501_040132_000000542089_00061_42700_7892.N1	01-MAY-2010 04:01:32	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	42700	No
49	GOM_TRA_1PNPDE20100501_040515_000000592089_00061_42700_7893.N1	01-MAY-2010 04:05:15	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	42700	No
50	GOM_TRA_1PNPDE20100501_041152_000000432089_00061_42700_7894.N1	01-MAY-2010 04:11:52	Dark	42.500	172	Gam Gru	3.0030	13100.	85	42700	No
51	GOM_TRA_1PNPDE20100501_042627_000000432089_00062_42701_7895.N1	01-MAY-2010 04:26:27	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	42701	No
52	GOM_TRA_1PNPDE20100501_042818_000000512089_00062_42701_7896.N1	01-MAY-2010 04:28:18	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42701	No
53	GOM_TRA_1PNPDE20100501_043003_000000562089_00062_42701_7897.N1	01-MAY-2010 04:30:03	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	42701	No
54	GOM_TRA_1PNPDE20100501_043311_000000592089_00062_42701_7898.N1	01-MAY-2010 04:33:11	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	42701	No
55	GOM_TRA_1PNPDE20100501_043656_000000712089_00062_42701_7899.N1	01-MAY-2010 04:36:56	Twilight	70.500	16	21Alp Sco	1.0200	3000.0	141	42701	No
56	GOM_TRA_1PNPDE20100501_043911_000000622089_00062_42701_7900.N1	01-MAY-2010 04:39:11	Twilight	62.000	80	7Del Sco	2.3160	30000.	124	42701	No
57	GOM_TRA_1PNPDE20100501_044221_000000452089_00062_42701_7901.N1	01-MAY-2010 04:42:21	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	42701	No
58	GOM_TRA_1PNPDE20100501_044439_000000502089_00062_42701_7902.N1	01-MAY-2010 04:44:39	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	42701	No
59	GOM_TRA_1PNPDE20100501_045304_000000392089_00062_42701_7903.N1	01-MAY-2010 04:53:04	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	42701	No
60	GOM_TRA_1PNPDE20100501_045646_000000482089_00062_42701_7904.N1	01-MAY-2010 04:56:46	Bright	47.500	83		2.3780	11000.	95	42701	No
61	GOM_TRA_1PNPDE20100501_045947_000000442089_00062_42701_7905.N1	01-MAY-2010 04:59:47	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	42701	No
62	GOM_TRA_1PNPDE20100501_050201_000000382089_00062_42701_7906.N1	01-MAY-2010 05:02:01	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	42701	No
63	GOM_TRA_1PNPDE20100501_050921_000000452089_00062_42701_7907.N1	01-MAY-2010 05:09:21	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42701	No
64	GOM_TRA_1PNPDE20100501_051939_000000422089_00062_42701_7916.N1	01-MAY-2010 05:19:39	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42701	No
65	GOM_TRA_1PNPDE20100501_052450_000000272089_00062_42701_7917.N1	01-MAY-2010 05:24:50	Twilight	27.000	19	50Alp Cyg	1.2460	10500.	54	42701	No
66	GOM_TRA_1PNPDE20100501_053059_000000512089_00062_42701_7918.N1	01-MAY-2010 05:30:59	Bright	51.000	164	44Eta Peg	2.9480	5400.0	102	42701	No

67	GOM_TRA_1PNPDE20100501_053524_000000482089_00062_42701_7919.N1	01-MAY-2010 05:35:24	Twilight	47.500	90	54Alp Peg	2.4870	11000.	95	42701	No
68	GOM_TRA_1PNPDE20100501_053943_000000632089_00062_42701_7920.N1	01-MAY-2010 05:39:43	Dark	62.500	61	8Eps Peg	2.1000	3900.0	125	42701	No
69	GOM_TRA_1PNPDE20100501_054209_000000542089_00062_42701_7921.N1	01-MAY-2010 05:42:09	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	42701	No
70	GOM_TRA_1PNPDE20100501_054552_000000612089_00062_42701_7922.N1	01-MAY-2010 05:45:52	Dark	61.000	154	22Bet Aqr	2.8990	5700.0	122	42701	No
71	GOM_TRA_1PNPDE20100501_055228_000000412089_00062_42701_7923.N1	01-MAY-2010 05:52:28	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42701	No
72	GOM_TRA_1PNPDE20100501_060703_000000522089_00063_42702_7924.N1	01-MAY-2010 06:07:03	Straylight	51.500	141	Bet Ara	2.8400	4600.0	103	42702	No
73	GOM_TRA_1PNPDE20100501_060855_000000592089_00063_42702_7925.N1	01-MAY-2010 06:08:55	Straylight	59.000	40	The Sco	1.8590	7100.0	118	42702	No
74	GOM_TRA_1PNPDE20100501_061040_000000622089_00063_42702_7926.N1	01-MAY-2010 06:10:40	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	42702	No
75	GOM_TRA_1PNPDE20100501_061347_000000622089_00063_42702_7927.N1	01-MAY-2010 06:13:47	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	42702	No
76	GOM_TRA_1PNPDE20100501_061733_000000812089_00063_42702_7928.N1	01-MAY-2010 06:17:33	Twilight	81.000	16	21Alp Sco	1.0200	3000.0	162	42702	No
77	GOM_TRA_1PNPDE20100501_061947_000000612089_00063_42702_7929.N1	01-MAY-2010 06:19:47	Twilight	61.000	80	7Del Sco	2.3160	30000.	122	42702	No
78	GOM_TRA_1PNPDE20100501_062257_000000462089_00063_42702_7930.N1	01-MAY-2010 06:22:57	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42702	No
79	GOM_TRA_1PNPDE20100501_062515_000000492089_00063_42702_7931.N1	01-MAY-2010 06:25:15	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	42702	No
80	GOM_TRA_1PNPDE20100501_063340_000000402089_00063_42702_7932.N1	01-MAY-2010 06:33:40	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	42702	No
81	GOM_TRA_1PNPDE20100501_063722_000000482089_00063_42702_7933.N1	01-MAY-2010 06:37:22	Bright	48.000	83		2.3780	11000.	96	42702	No
82	GOM_TRA_1PNPDE20100501_064022_000000432089_00063_42702_7934.N1	01-MAY-2010 06:40:22	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42702	No
83	GOM_TRA_1PNPDE20100501_064237_000000372089_00063_42702_7935.N1	01-MAY-2010 06:42:37	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	42702	No
84	GOM_TRA_1PNPDE20100501_064956_000000452089_00063_42702_7936.N1	01-MAY-2010 06:49:56	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	42702	No
85	GOM_TRA_1PNPDE20100501_193535_000000612089_00071_42710_8019.N1	01-MAY-2010 19:35:35	Straylight	60.500	25	35Lam Sco	1.6200	28000.	121	42710	No
86	GOM_TRA_1PNPDE20100501_193840_000000622089_00071_42710_8020.N1	01-MAY-2010 19:38:40	Straylight	62.000	75	26Eps Sco	2.2910	4250.0	124	42710	No
87	GOM_TRA_1PNPDE20100501_194224_000000712089_00071_42710_8021.N1	01-MAY-2010 19:42:24	Twilight	70.500	16	21Alp Sco	1.0200	3000.0	141	42710	No
88	GOM_TRA_1PNPDE20100501_194437_000000582089_00071_42710_8022.N1	01-MAY-2010 19:44:37	Twilight	57.500	80	7Del Sco	2.3160	30000.	115	42710	No
89	GOM_TRA_1PNPDE20100501_194746_000000422089_00071_42710_8023.N1	01-MAY-2010 19:47:46	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	42710	No
90	GOM_TRA_1PNPDE20100501_195002_000000482089_00071_42710_8024.N1	01-MAY-2010 19:50:02	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	42710	No
91	GOM_TRA_1PNPDE20100501_195826_000000382089_00071_42710_8025.N1	01-MAY-2010 19:58:26	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42710	No
92	GOM_TRA_1PNPDE20100501_200205_000000472089_00071_42710_8026.N1	01-MAY-2010 20:02:05	Bright	46.500	83		2.3780	11000.	93	42710	No
93	GOM_TRA_1PNPDE20100501_200506_000000412089_00071_42710_8027.N1	01-MAY-2010 20:05:06	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	42710	No
94	GOM_TRA_1PNPDE20100501_200723_000000362089_00071_42710_8028.N1	01-MAY-2010 20:07:23	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	42710	No
95	GOM_TRA_1PNPDE20100501_201439_000000442089_00071_42710_8029.N1	01-MAY-2010 20:14:39	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42710	No
96	GOM_TRA_1PNPDE20100501_202500_000000412089_00071_42710_8030.N1	01-MAY-2010 20:25:00	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42710	No
97	GOM_TRA_1PNPDE20100501_203624_000000502089_00071_42710_8031.N1	01-MAY-2010 20:36:24	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	42710	No
98	GOM_TRA_1PNPDE20100501_204051_000000462089_00071_42710_8032.N1	01-MAY-2010 20:40:51	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42710	No
99	GOM_TRA_1PNPDE20100501_204514_000000672089_00071_42710_8036.N1	01-MAY-2010 20:45:14	Dark	67.000	61	8Eps Peg	2.1000	3900.0	134	42710	No
100	GOM_TRA_1PNPDE20100501_204740_000000522089_00071_42710_8037.N1	01-MAY-2010 20:47:40	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	42710	No
101	GOM_TRA_1PNPDE20100501_205127_000000632089_00071_42710_8038.N1	01-MAY-2010 20:51:27	Dark	62.500	154	22Bet Aqr	2.8990	5700.0	125	42710	No
102	GOM_TRA_1PNPDE20100501_205758_000000442089_00071_42710_8039.N1	01-MAY-2010 20:57:58	Dark	43.500	172	Gam Gru	3.0030	13100.	87	42710	No
103	GOM_TRA_1PNPDE20100501_211232_000000422089_00072_42711_8040.N1	01-MAY-2010 21:12:32	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	42711	No
104	GOM_TRA_1PNPDE20100501_211426_000000612089_00072_42711_8041.N1	01-MAY-2010 21:14:26	Straylight	60.500	40	The Sco	1.8590	7100.0	121	42711	No
105	GOM_TRA_1PNPDE20100501_211612_000000612089_00072_42711_8042.N1	01-MAY-2010 21:16:12	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	42711	No
106	GOM_TRA_1PNPDE20100501_211917_000000642089_00072_42711_8043.N1	01-MAY-2010 21:19:17	Straylight	63.500	75	26Eps Sco	2.2910	4250.0	127	42711	No
107	GOM_TRA_1PNPDE20100501_212300_000000692089_00072_42711_8044.N1	01-MAY-2010 21:23:00	Twilight	68.500	16	21Alp Sco	1.0200	3000.0	137	42711	No
108	GOM_TRA_1PNPDE20100501_212513_000000602089_00072_42711_8045.N1	01-MAY-2010 21:25:13	Twilight	60.000	80	7Del Sco	2.3160	30000.	120	42711	No
109	GOM_TRA_1PNPDE20100501_212822_000000462089_00072_42711_8046.N1	01-MAY-2010 21:28:22	Bright	45.500	122	9Alp2Lib	2.7470	9700.0	91	42711	No
110	GOM_TRA_1PNPDE20100501_213038_000000492089_00072_42711_8047.N1	01-MAY-2010 21:30:38	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	42711	No
111	GOM_TRA_1PNPDE20100501_213901_000000382089_00072_42711_8048.N1	01-MAY-2010 21:39:01	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	42711	No
112	GOM_TRA_1PNPDE20100501_214240_000000442089_00072_42711_8049.N1	01-MAY-2010 21:42:40	Bright	43.500	83		2.3780	11000.	87	42711	No
113	GOM_TRA_1PNPDE20100501_214542_000000402089_00072_42711_8050.N1	01-MAY-2010 21:45:42	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	42711	No
114	GOM_TRA_1PNPDE20100501_214759_000000372089_00072_42711_8051.N1	01-MAY-2010 21:47:59	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	42711	No
115	GOM_TRA_1PNPDE20100501_215514_000000462089_00072_42711_8052.N1	01-MAY-2010 21:55:14	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	42711	No
116	GOM_TRA_1PNPDE20100501_220535_000000462089_00072_42711_8053.N1	01-MAY-2010 22:05:35	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42711	No
117	GOM_TRA_1PNPDE20100501_221700_000000512089_00072_42711_8054.N1	01-MAY-2010 22:17:00	Bright	51.000	164	44Eta Peg	2.9480	5400.0	102	42711	No
118	GOM_TRA_1PNPDE20100501_222127_000000452089_00072_42711_8055.N1	01-MAY-2010 22:21:27	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42711	No
119	GOM_TRA_1PNPDE20100501_222551_000000682089_00072_42711_8056.N1	01-MAY-2010 22:25:51	Dark	68.000	61	8Eps Peg	2.1000	3900.0	136	42711	No
120	GOM_TRA_1PNPDE20100501_222817_000000542089_00072_42711_8057.N1	01-MAY-2010 22:28:17	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	42711	No
121	GOM_TRA_1PNPDE20100501_223204_000000602089_00072_42711_8059.N1	01-MAY-2010 22:32:04	Dark	59.500	154	22Bet Aqr	2.8990	5700.0	119	42711	No
122	GOM_TRA_1PNPDE20100501_225309_000000452089_00073_42712_8060.N1	01-MAY-2010 22:53:09	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	42712	No
123	GOM_TRA_1PNPDE20100501_225503_000000532089_00073_42712_8061.N1	01-MAY-2010 22:55:03	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42712	No
124	GOM_TRA_1PNPDE20100501_225649_000000592089_00073_42712_8062.N1	01-MAY-2010 22:56:49	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	42712	No
125	GOM_TRA_1PNPDE20100501_225954_000000612089_00073_42712_8063.N1	01-MAY-2010 22:59:54	Straylight	60.500	75	26Eps Sco	2.2910	4250.0	121	42712	No

126	GOM_TRA_1PNPDE20100501_230337_000000802089_00073_42712_8064.N1	01-MAY-2010 23:03:37	Twilight_stray	80.000	16	21Alp Sco	1.0200	3000.0	160	42712	No
127	GOM_TRA_1PNPDE20100501_230550_000000612089_00073_42712_8065.N1	01-MAY-2010 23:05:50	Twilight_stray	60.500	80	7Del Sco	2.3160	30000.	121	42712	No
128	GOM_TRA_1PNPDE20100501_230857_000000462089_00073_42712_8066.N1	01-MAY-2010 23:08:57	Bright	45.500	122	9Alp2Lib	2.7470	9700.0	91	42712	No
129	GOM_TRA_1PNPDE20100501_231113_000000472089_00073_42712_8067.N1	01-MAY-2010 23:11:13	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	42712	No
130	GOM_TRA_1PNPDE20100501_231937_000000382089_00073_42712_8068.N1	01-MAY-2010 23:19:37	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	42712	No
131	GOM_TRA_1PNPDE20100501_232316_000000462089_00073_42712_8069.N1	01-MAY-2010 23:23:16	Bright	45.500	83		2.3780	11000.	91	42712	No
132	GOM_TRA_1PNPDE20100501_232617_000000422089_00073_42712_8070.N1	01-MAY-2010 23:26:17	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42712	No
133	GOM_TRA_1PNPDE20100501_233549_000000452089_00073_42712_8071.N1	01-MAY-2010 23:35:49	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42712	No
134	GOM_TRA_1PNPDE20100501_234611_000000422089_00073_42712_8072.N1	01-MAY-2010 23:46:11	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42712	No
135	GOM_TRA_1PNPDE20100501_235736_000000512089_00073_42712_8073.N1	01-MAY-2010 23:57:36	Bright	50.500	164	44Eta Peg	2.9480	5400.0	101	42712	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).

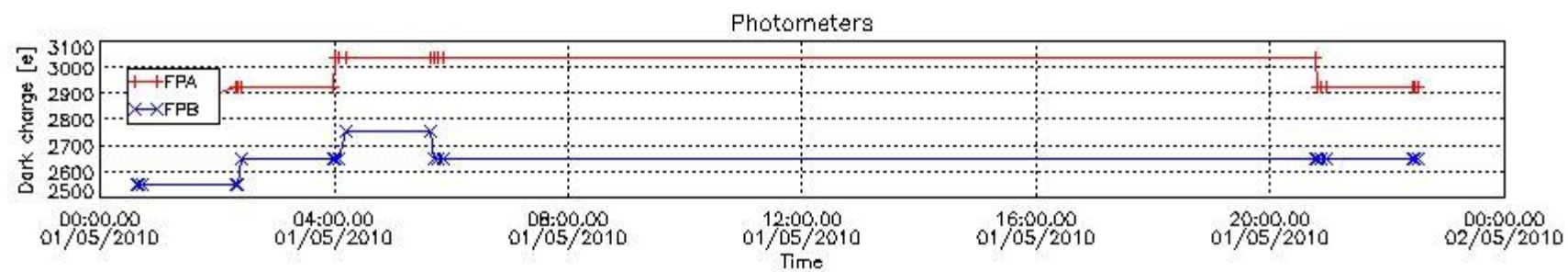
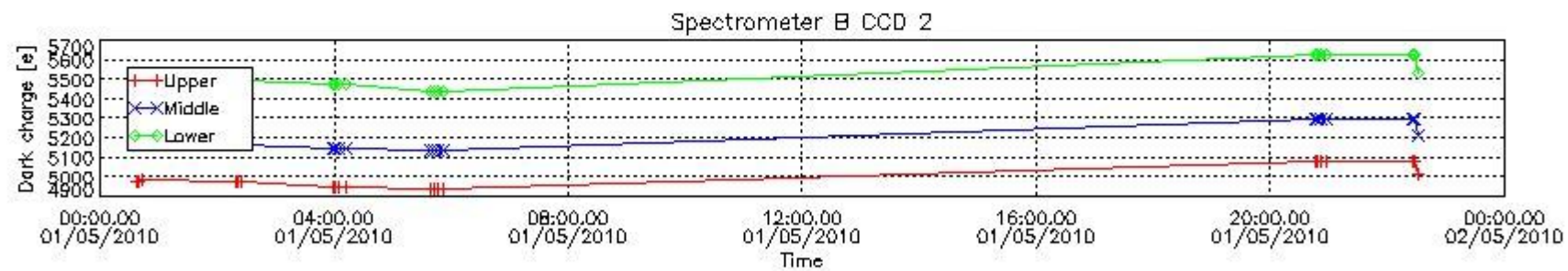
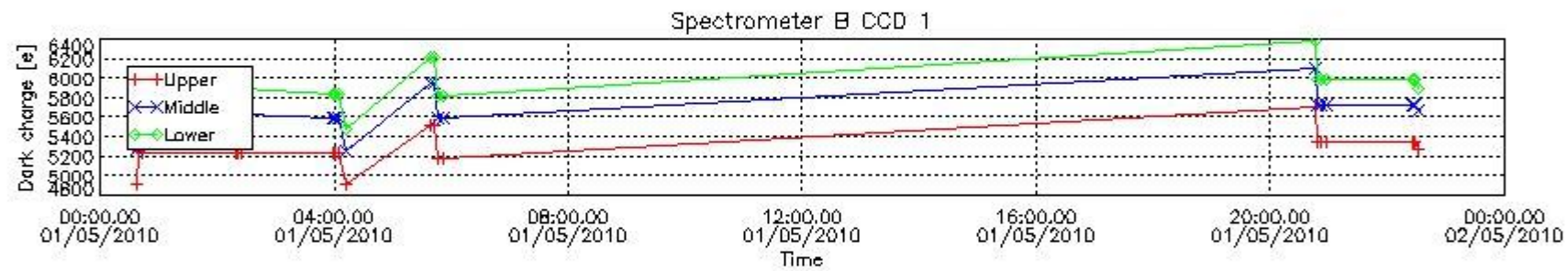
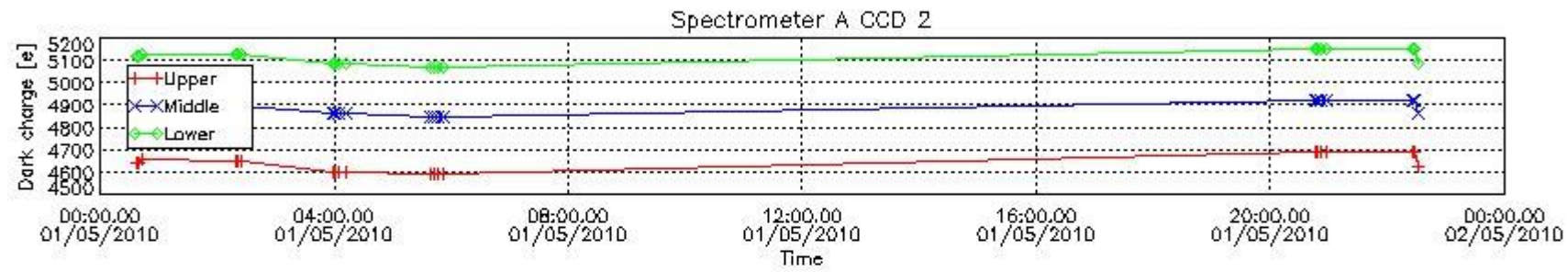
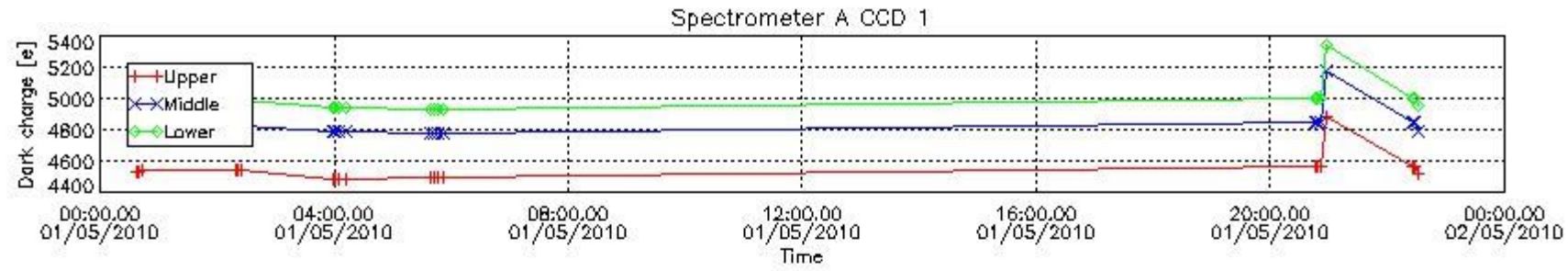
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
--------------	----------------

GOM_TRA_1PNPDE20100501_193535_000000612089_00071_42710_8019.N1	DC map with no T dep.
GOM_TRA_1PNPDE20100501_193840_000000622089_00071_42710_8020.N1	DC map used
GOM_TRA_1PNPDE20100501_194224_000000712089_00071_42710_8021.N1	DC map used
GOM_TRA_1PNPDE20100501_194437_000000582089_00071_42710_8022.N1	DC map used
GOM_TRA_1PNPDE20100501_194746_000000422089_00071_42710_8023.N1	DC map used
GOM_TRA_1PNPDE20100501_195002_000000482089_00071_42710_8024.N1	DC map used
GOM_TRA_1PNPDE20100501_195826_000000382089_00071_42710_8025.N1	DC map used
GOM_TRA_1PNPDE20100501_200205_000000472089_00071_42710_8026.N1	DC map used
GOM_TRA_1PNPDE20100501_200506_000000412089_00071_42710_8027.N1	DC map used
GOM_TRA_1PNPDE20100501_200723_000000362089_00071_42710_8028.N1	DC map used
GOM_TRA_1PNPDE20100501_201439_000000442089_00071_42710_8029.N1	DC map used
GOM_TRA_1PNPDE20100501_202500_000000412089_00071_42710_8030.N1	DC map used
GOM_TRA_1PNPDE20100501_203624_000000502089_00071_42710_8031.N1	DC map used
GOM_TRA_1PNPDE20100501_204051_000000462089_00071_42710_8032.N1	DC map used

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



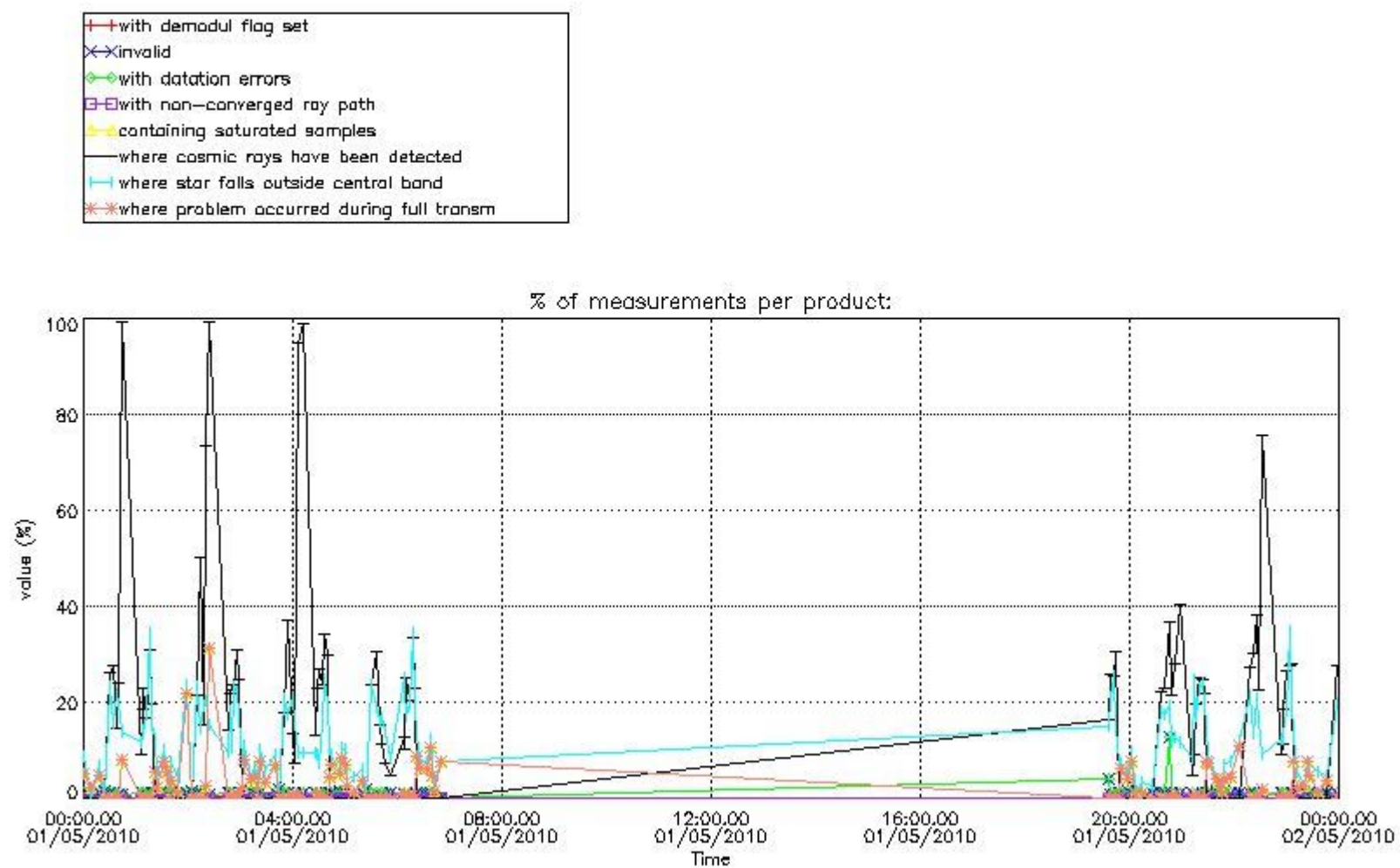
5. Demodulation flag and quality information monitoring

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.

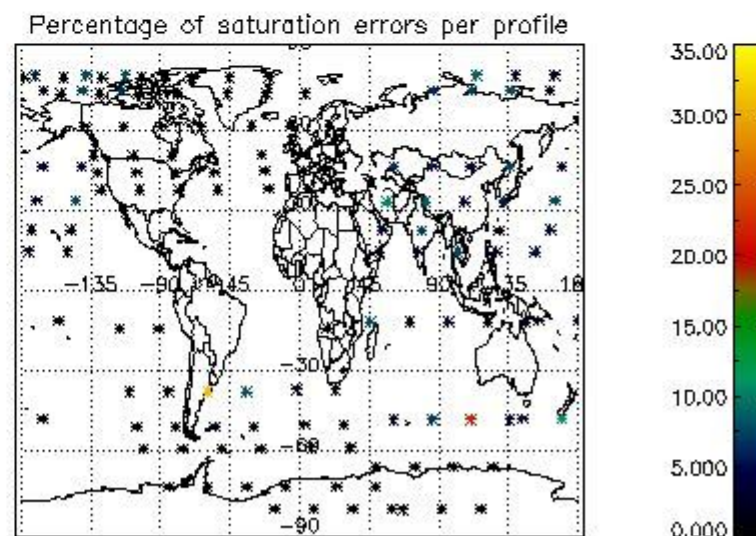
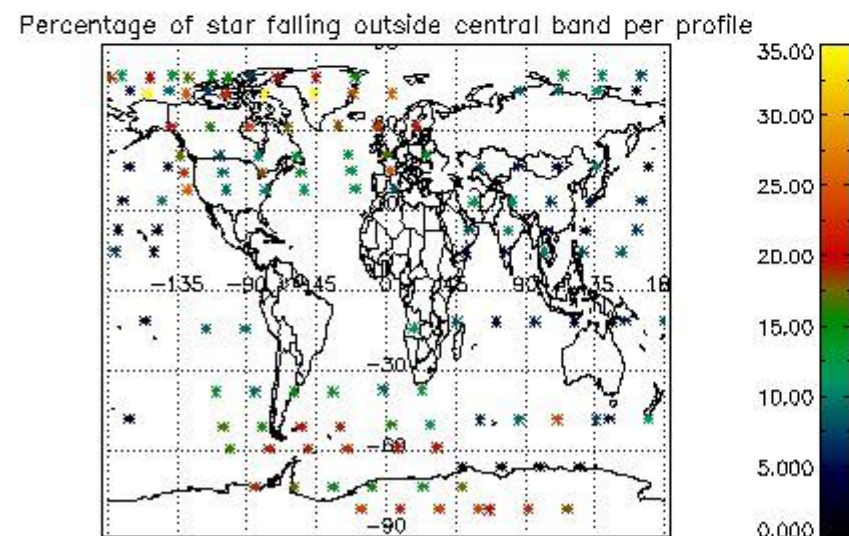
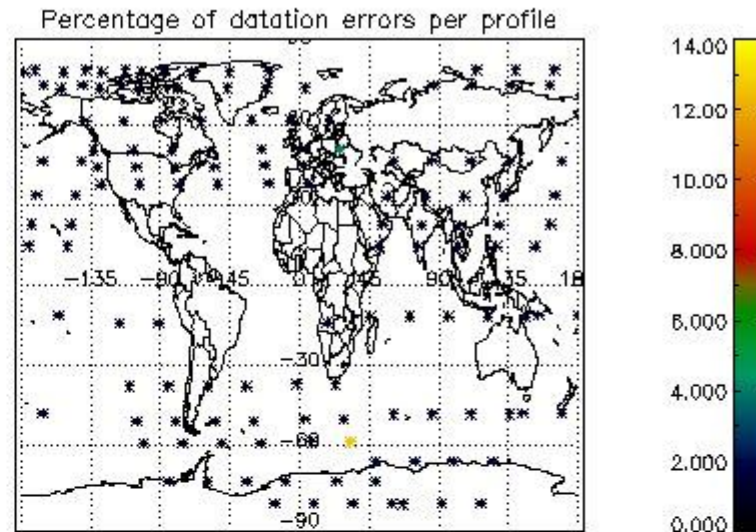
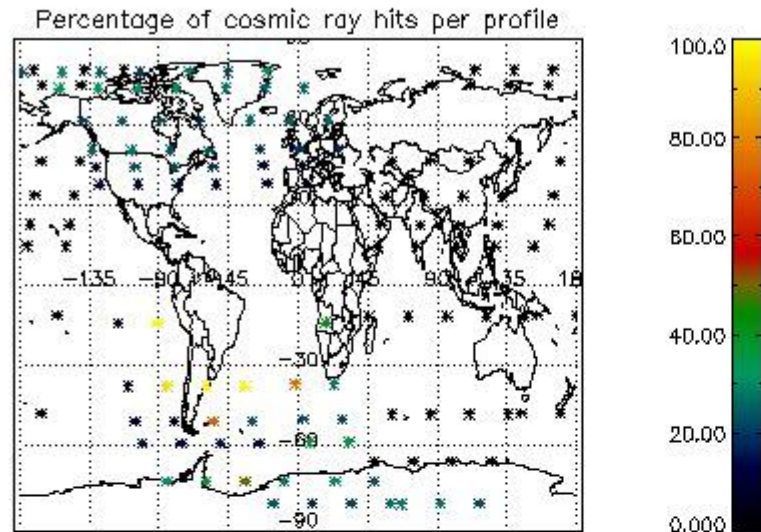
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	40.0000 %
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)



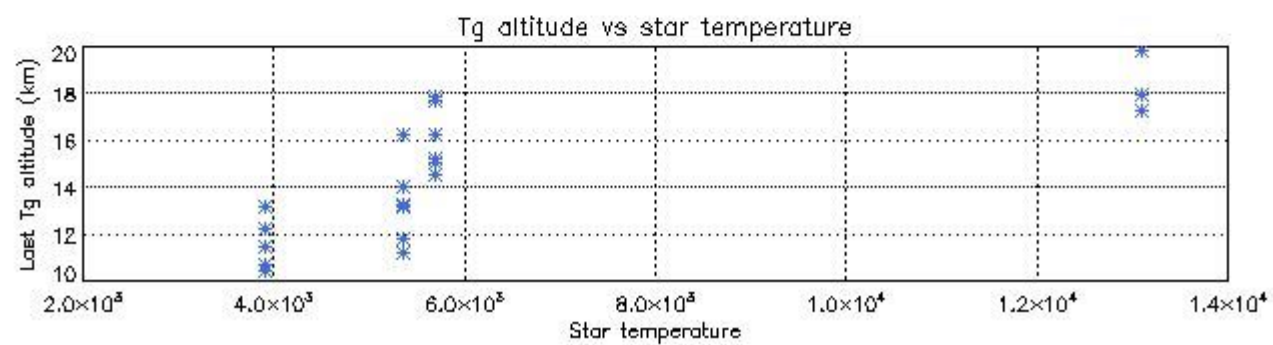
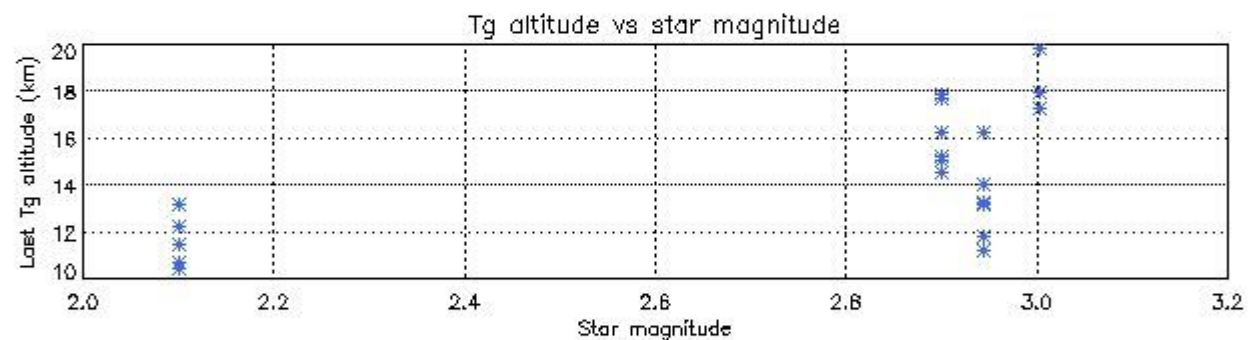
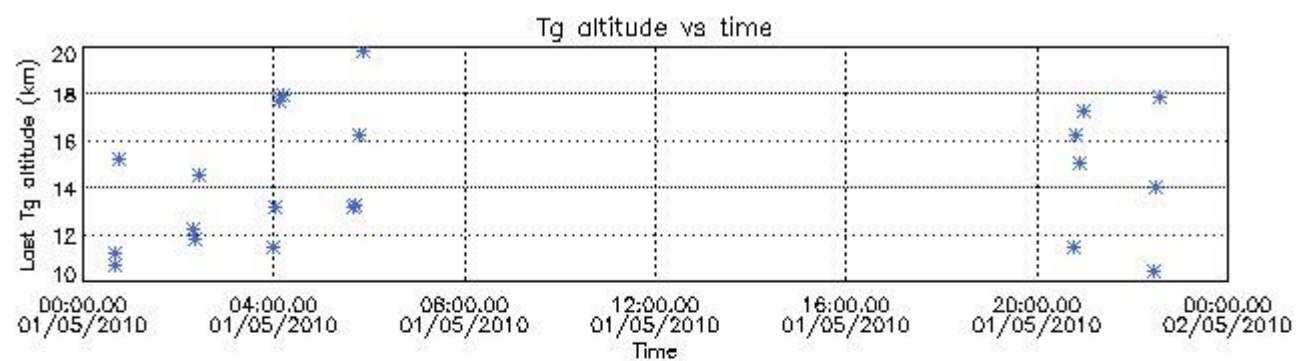
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.321	19.287	12.764
St. deviation:	2.7697	4.0270	0.84481
Maximum:	19.824	25.394	14.185
Minimum:	10.466	10.113	11.727
Number of data:	21.000	64.000	6.0000

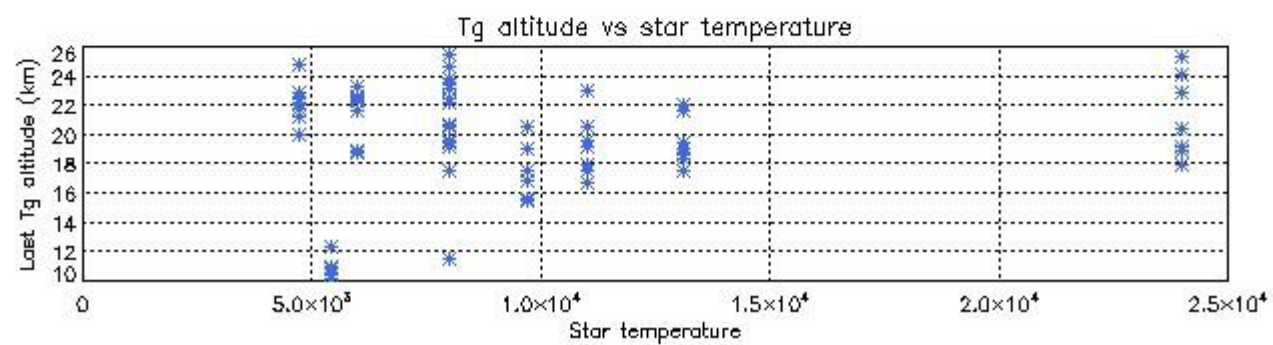
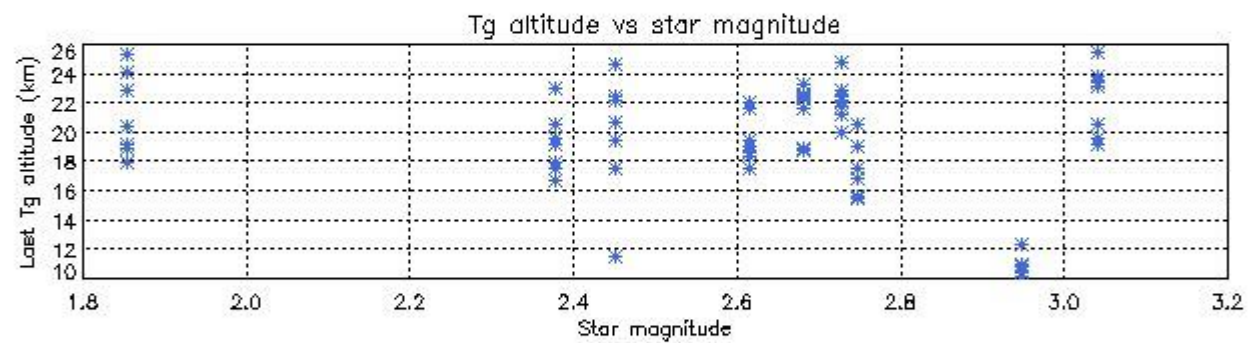
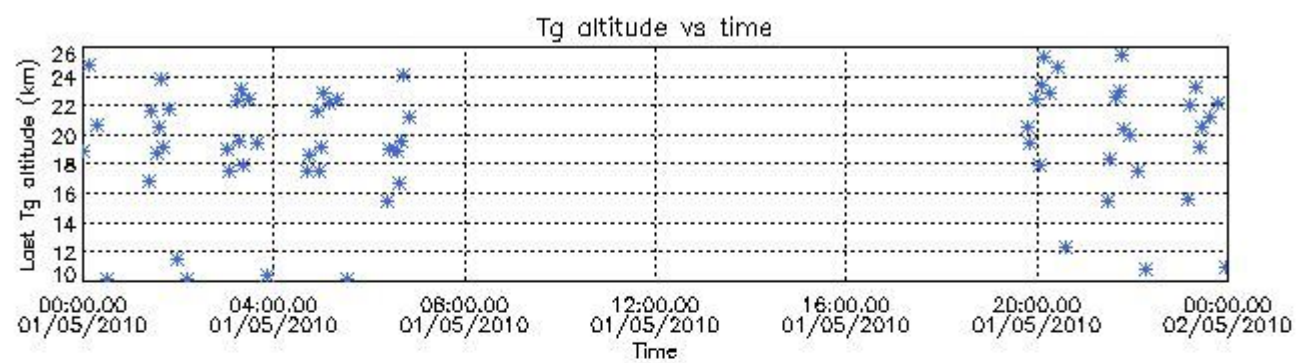
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



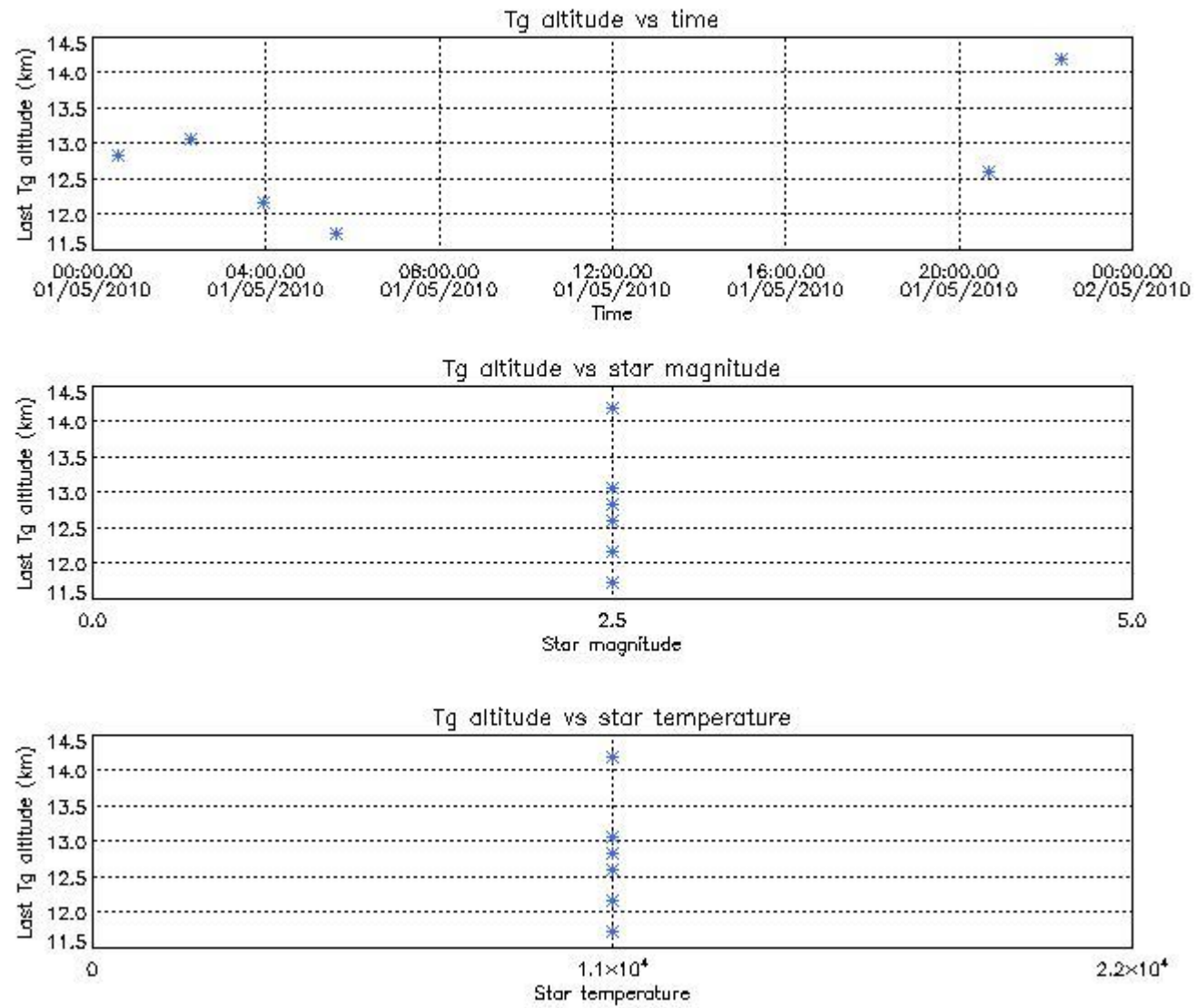
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

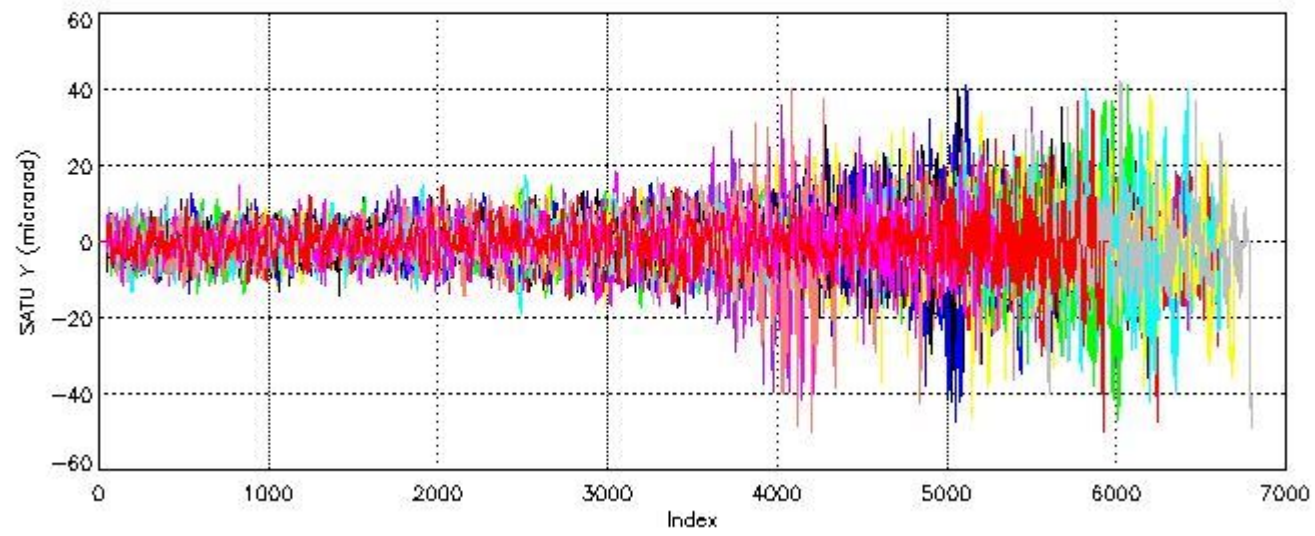
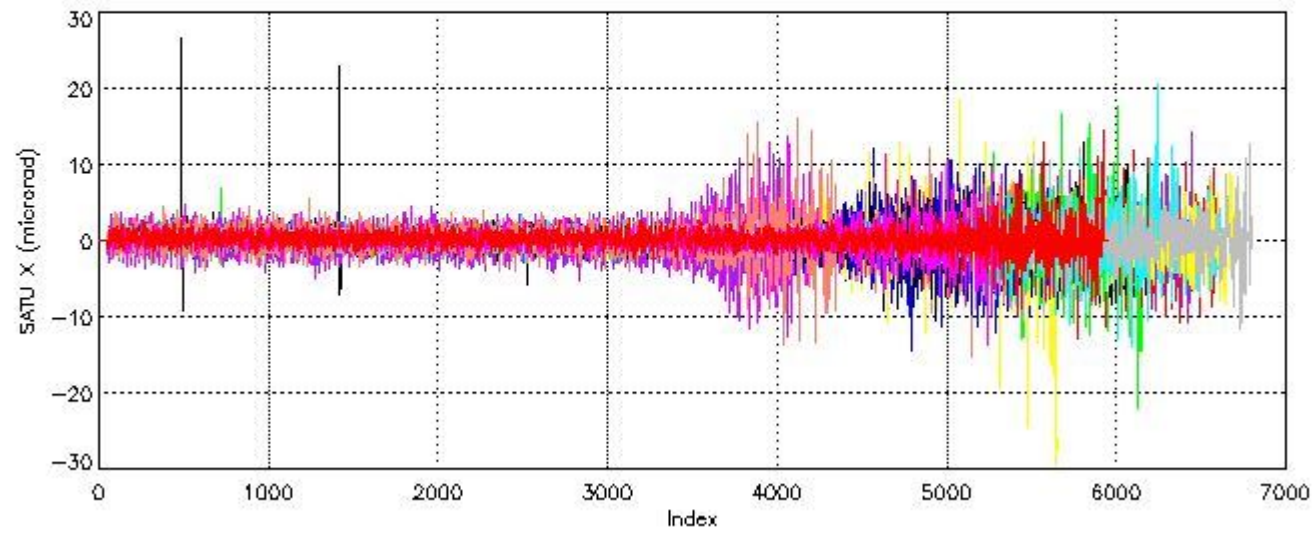


7. Star Acquisition and Tracking Unit (SATU)

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:	0.20708	-0.59912	0.23937	-0.74009
St. deviation:	0.74812	3.4099	0.93838	3.4416
Maximum:	26.700	14.600	5.7000	15.600
Minimum:	-9.2000	-13.900	-5.3000	-20.000

Number of data:	25950.	25950.	65450.	65450.
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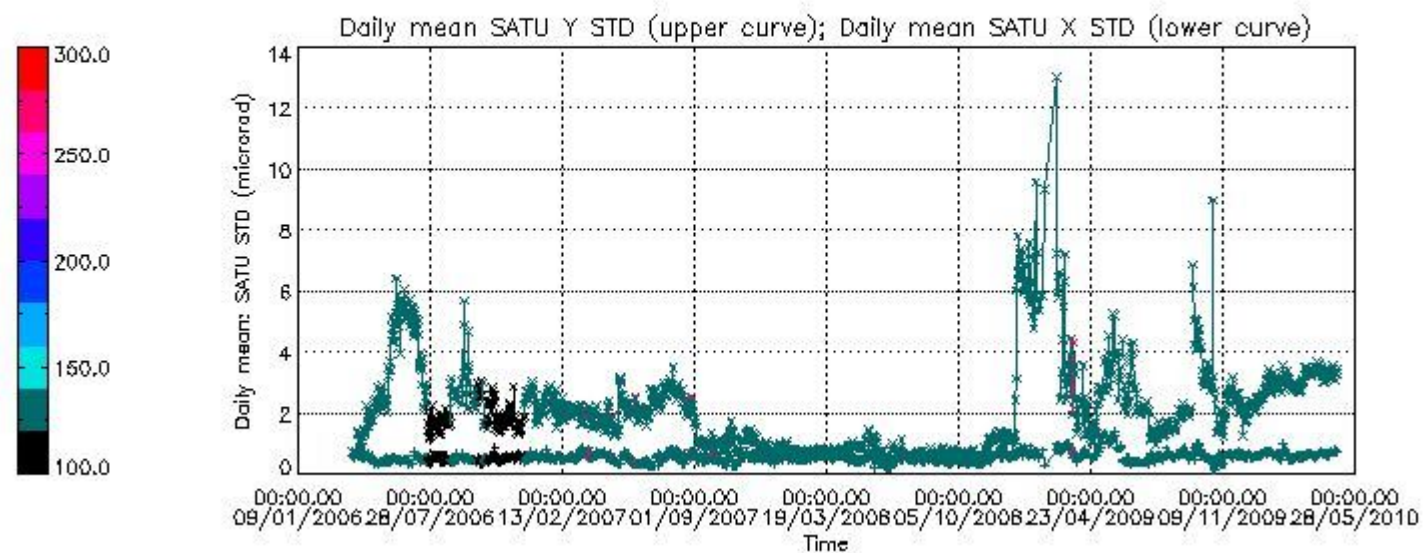
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

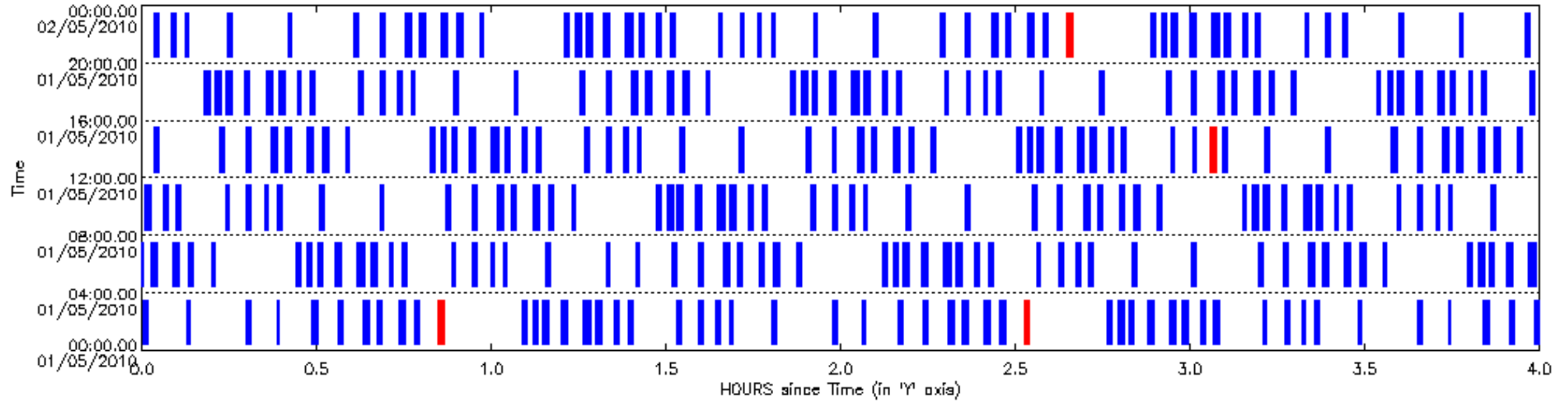
Lower curve: STD of SATU X axis

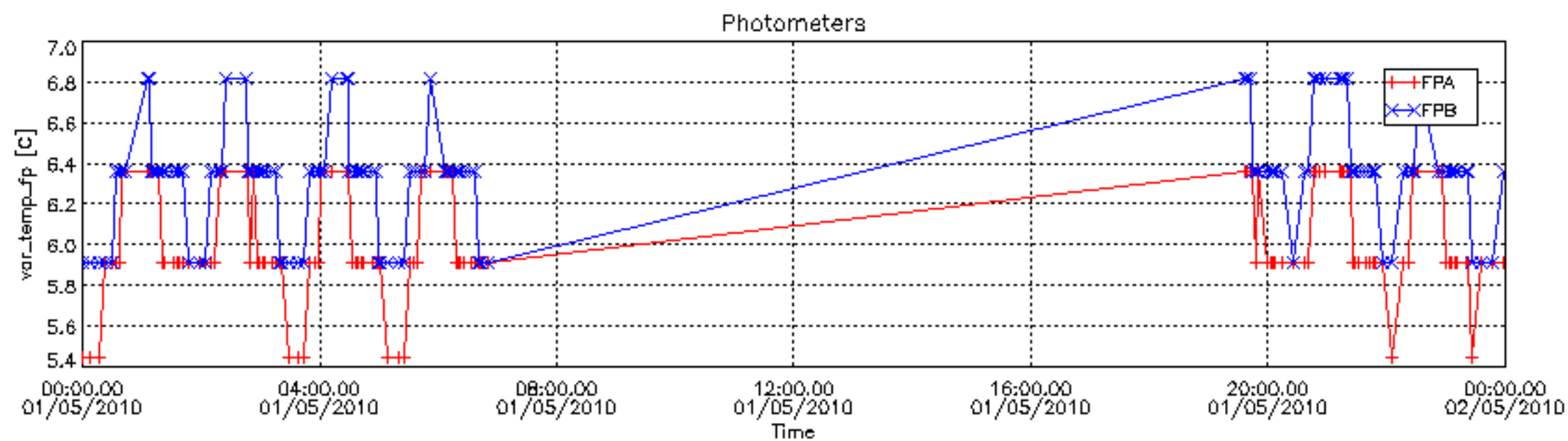
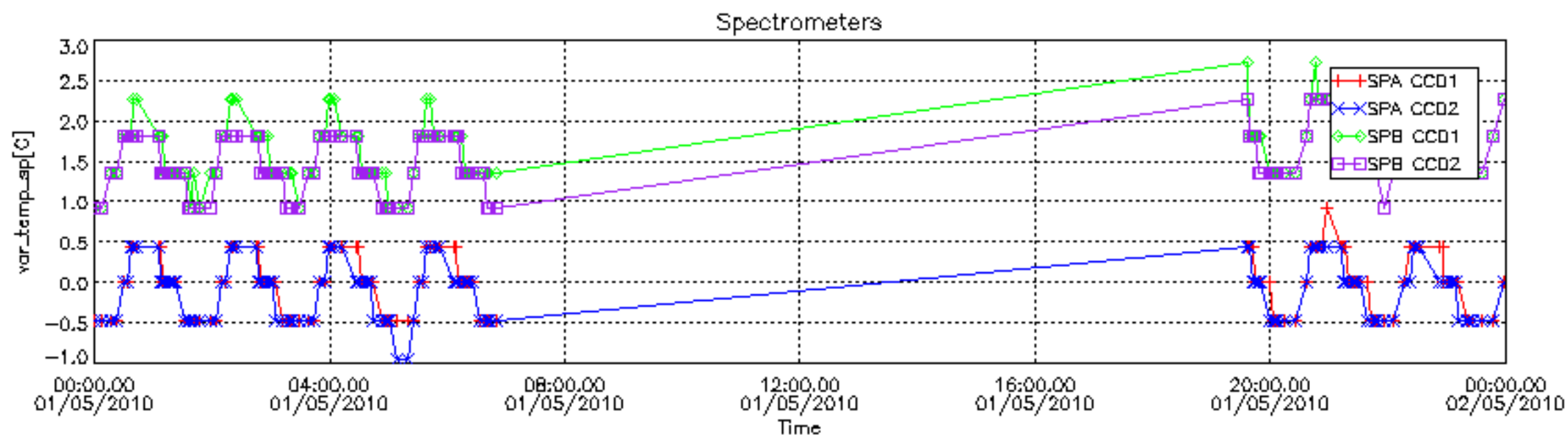


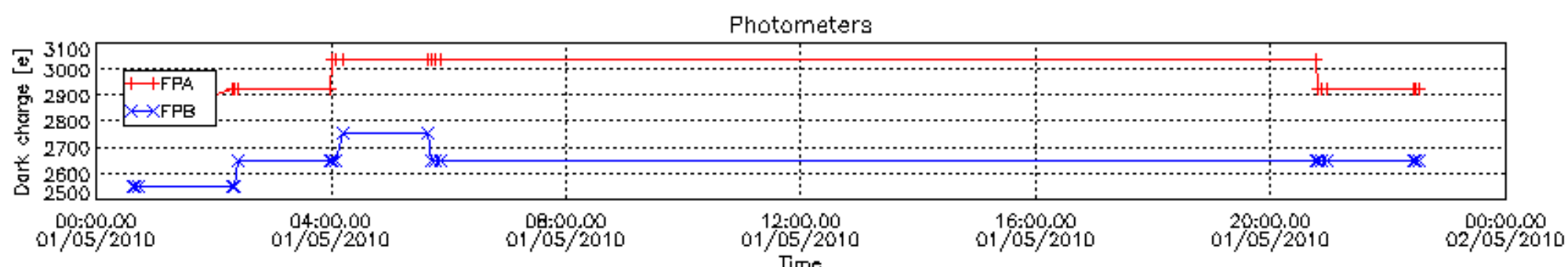
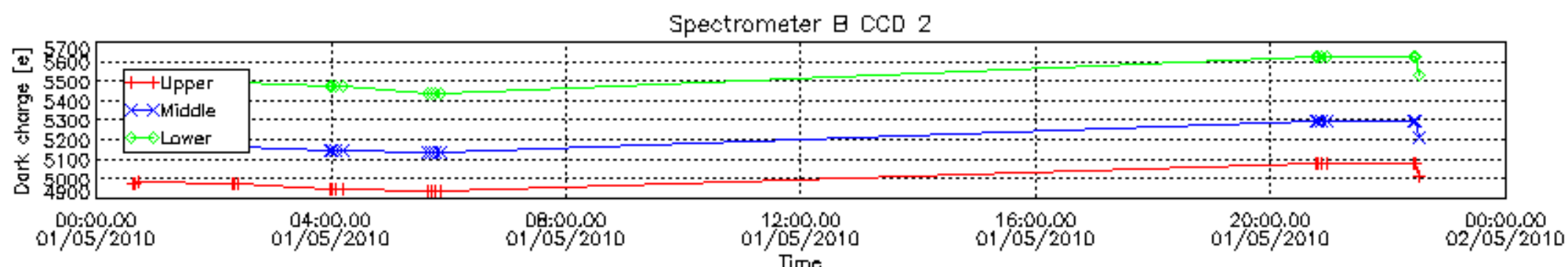
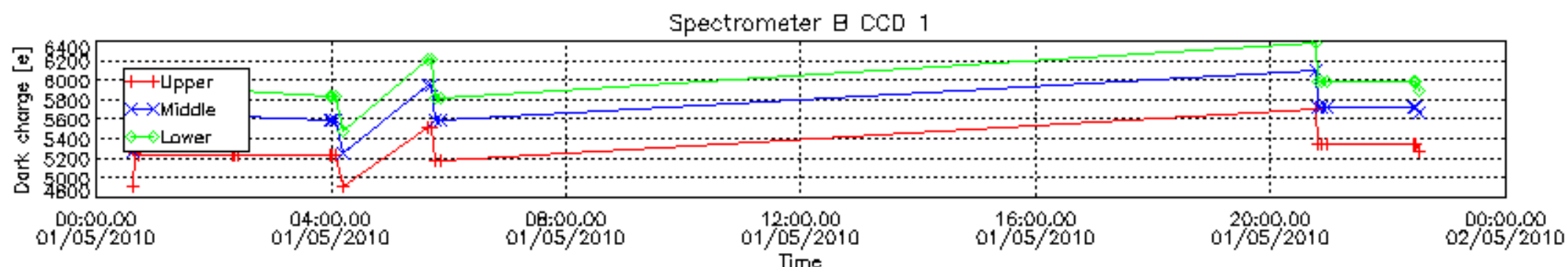
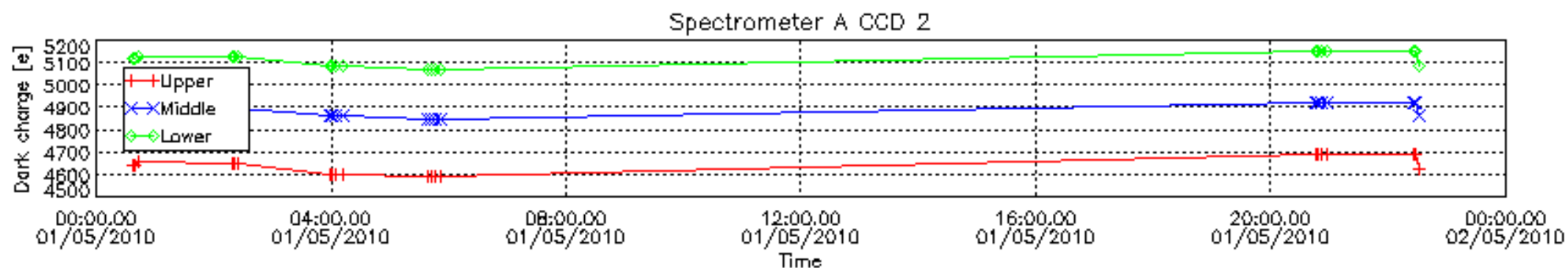
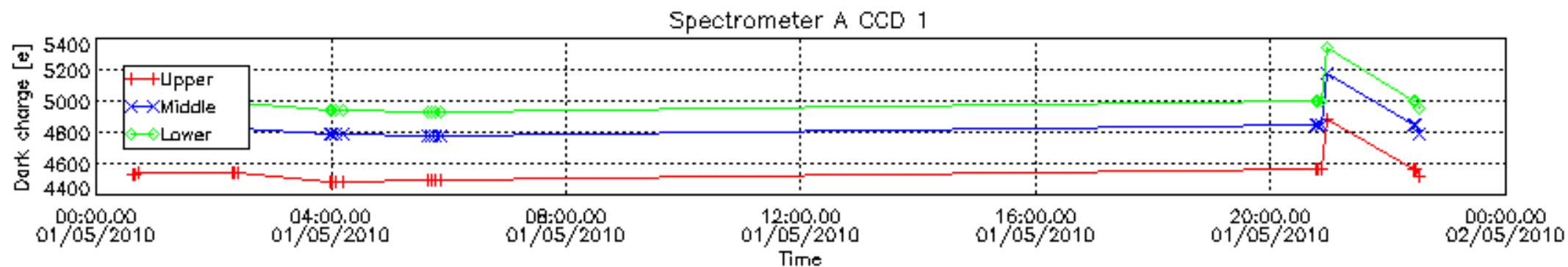
8. Auxiliary Data Files used for the production reported in section 2.4

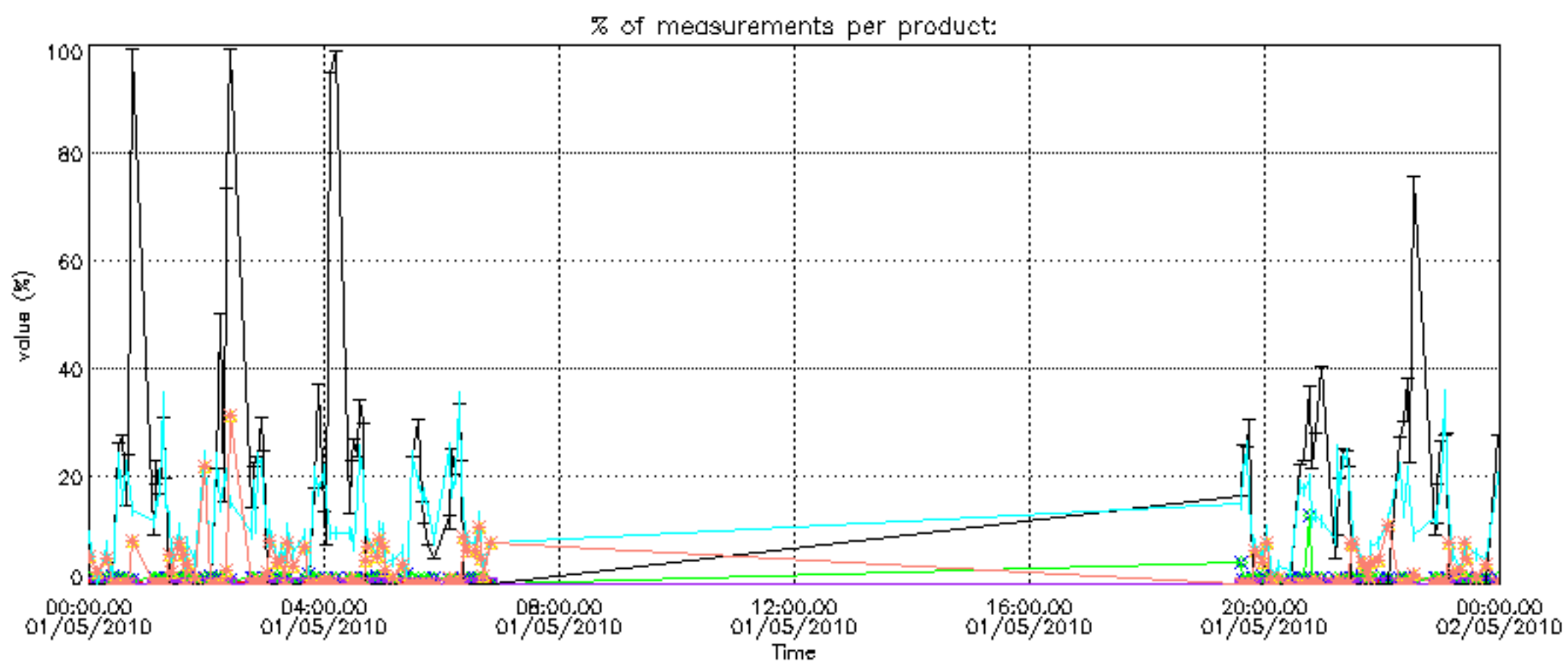
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-MAY-2010 00:00:14
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100428_080918_20100427_000000_20500101_000000	1	01-MAY-2010 00:00:14
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	01-MAY-2010 00:00:14
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	01-MAY-2010 00:00:14
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	01-MAY-2010 00:00:14
ECMWF_FILE	AUX_ECF_AXNECM20100430_054117_20100430_210000_20100501_090000	1	01-MAY-2010 00:00:14
ECMWF_FILE	AUX_ECF_AXNECM20100430_172115_20100501_030000_20100501_150000	43	01-MAY-2010 03:39:03
ECMWF_FILE	AUX_ECA_AXNECM20100501_052118_20100430_210000_20100501_090000	64	01-MAY-2010 05:19:39
ECMWF_FILE	AUX_ECA_AXNECM20100501_172059_20100501_090000_20100501_210000	85	01-MAY-2010 19:35:35
ECMWF_FILE	AUX_ECF_AXNECM20100501_054116_20100501_150000_20100502_030000	99	01-MAY-2010 20:45:14
ECMWF_FILE	AUX_ECF_AXNECM20100501_054116_20100501_210000_20100502_090000	121	01-MAY-2010 22:32:04
OPTIONAL_ECMWF_FILE	MISSING	1	01-MAY-2010 00:00:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100430_225747_000060572089_00058_42697_0258.N1	1	01-MAY-2010 00:00:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100501_003844_000054192089_00059_42698_0259.N1	9	01-MAY-2010 00:44:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100501_021422_000044632089_00060_42699_0260.N1	27	01-MAY-2010 02:18:29
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100501_033404_000057382089_00061_42700_0261.N1	43	01-MAY-2010 03:39:03
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100501_051501_000057382089_00062_42701_0262.N1	64	01-MAY-2010 05:19:39
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100501_193026_000041442089_00071_42710_0263.N1	85	01-MAY-2010 19:35:35
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100501_204449_000057382089_00071_42710_0264.N1	99	01-MAY-2010 20:45:14
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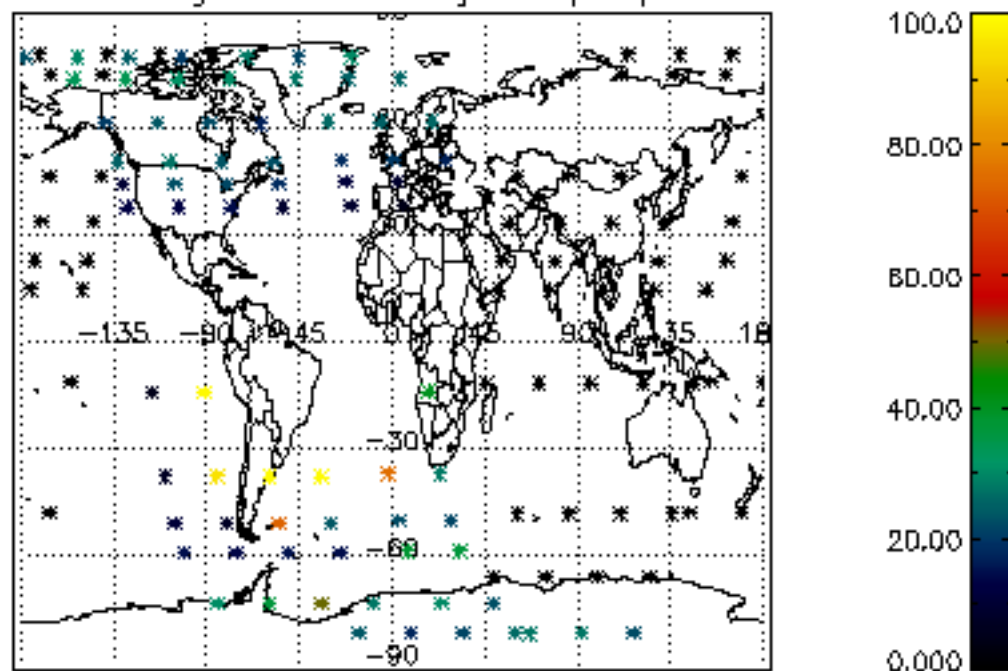




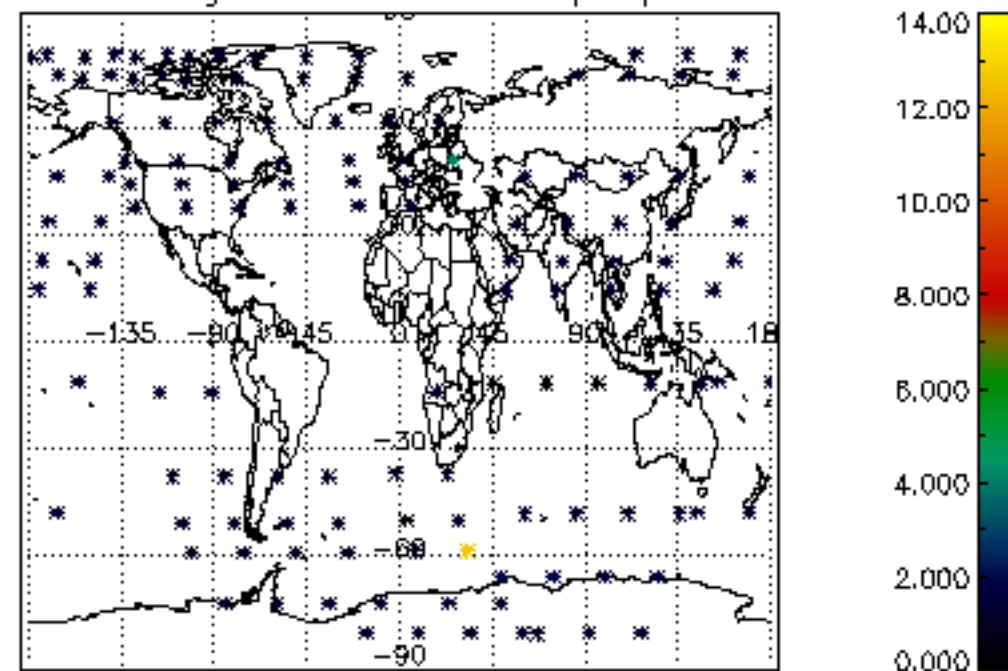




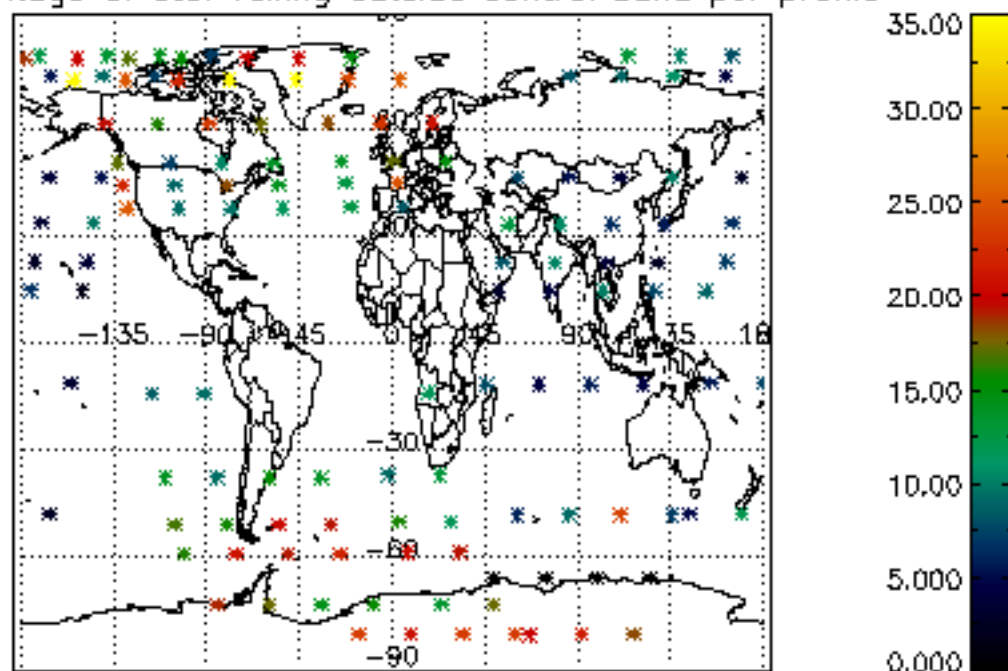
Percentage of cosmic ray hits per profile



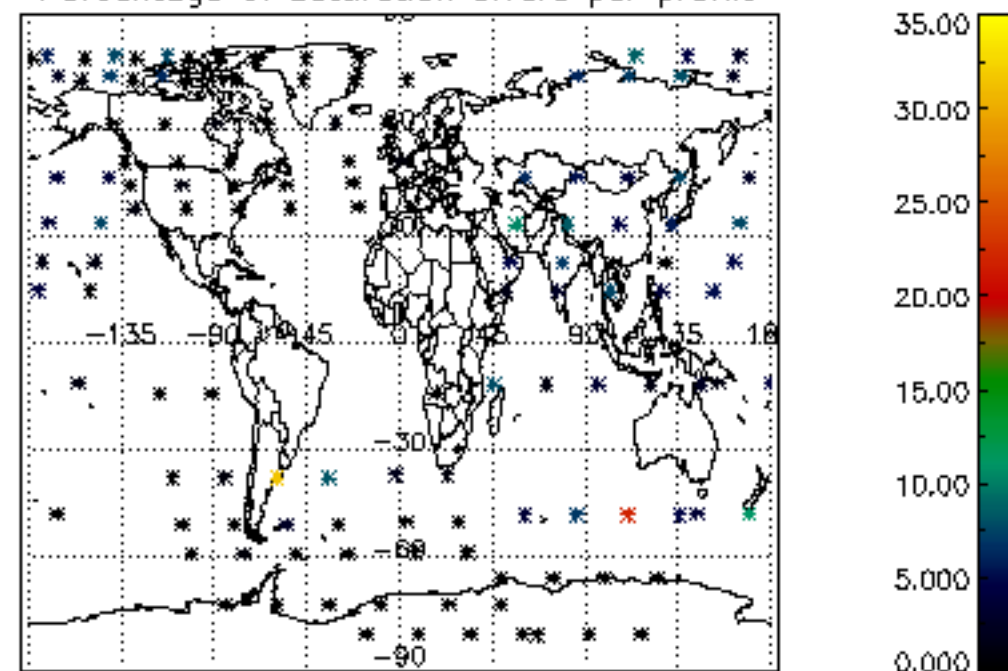
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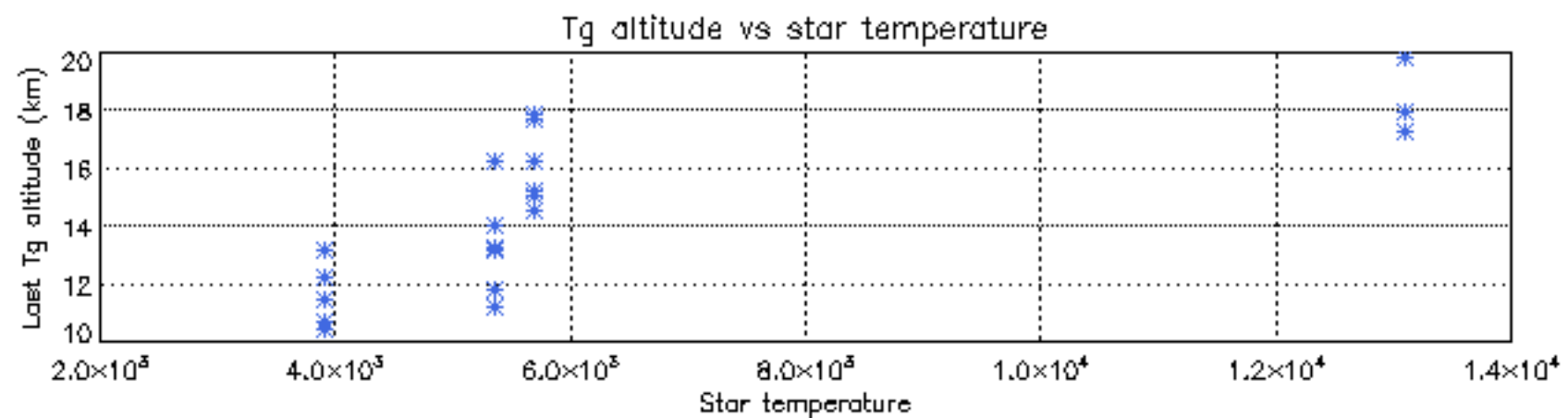
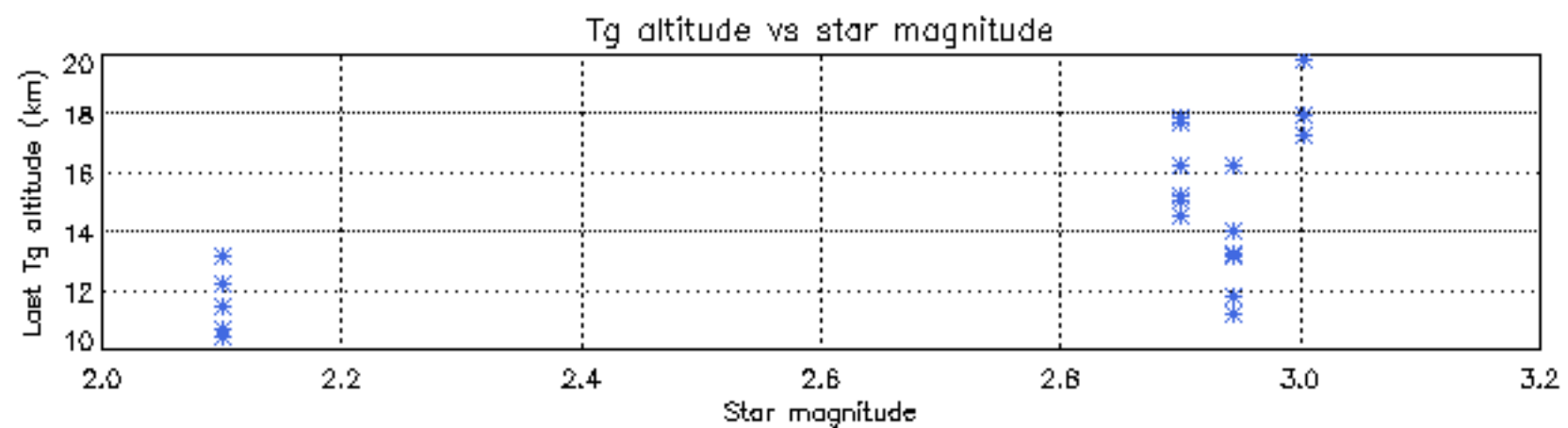
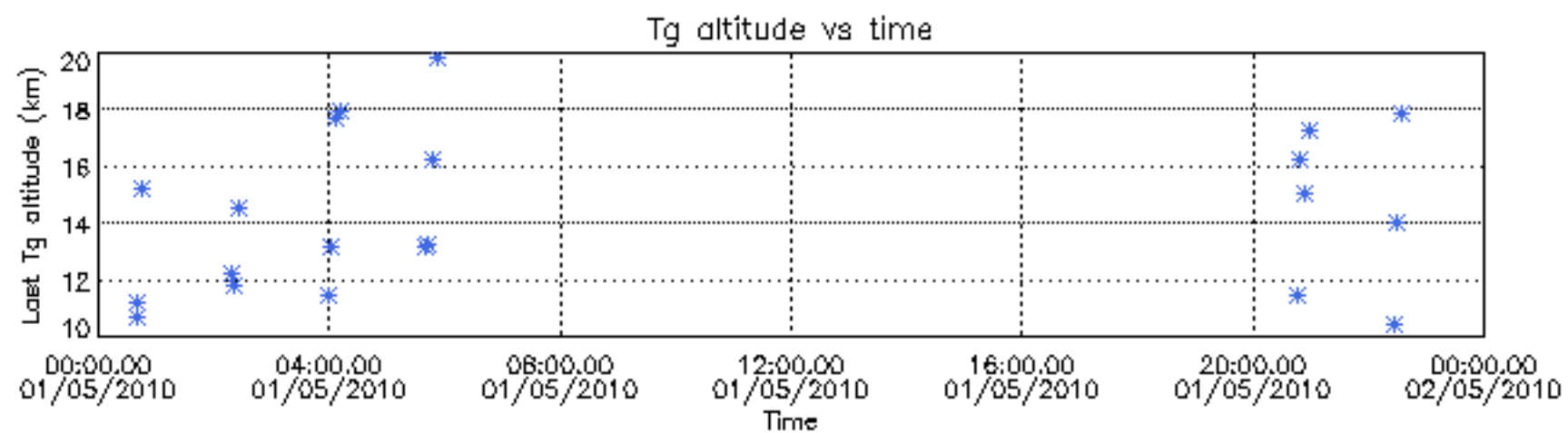
Percentage of star falling outside central band per profile



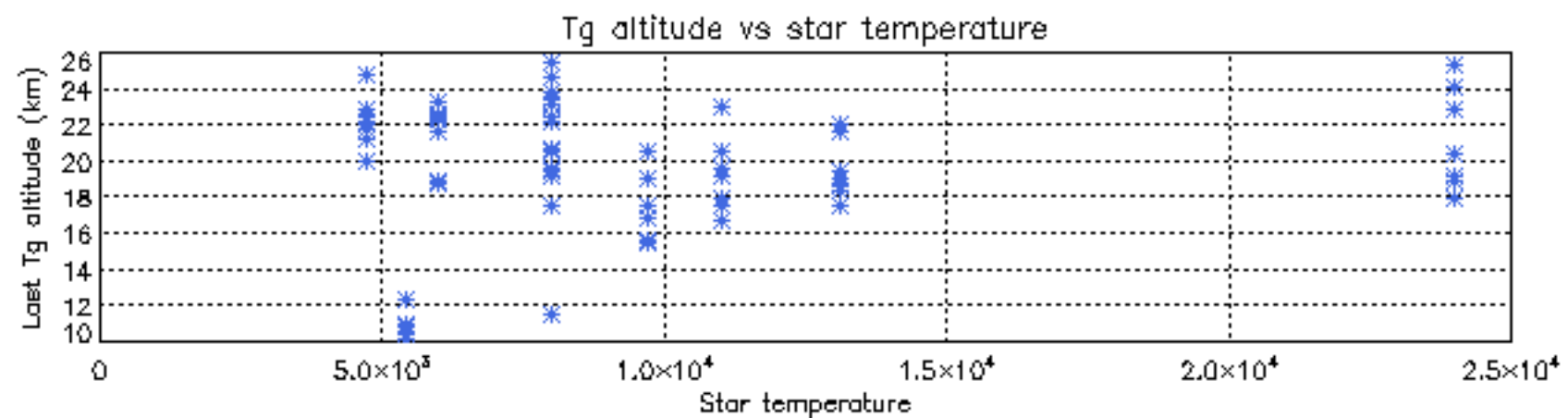
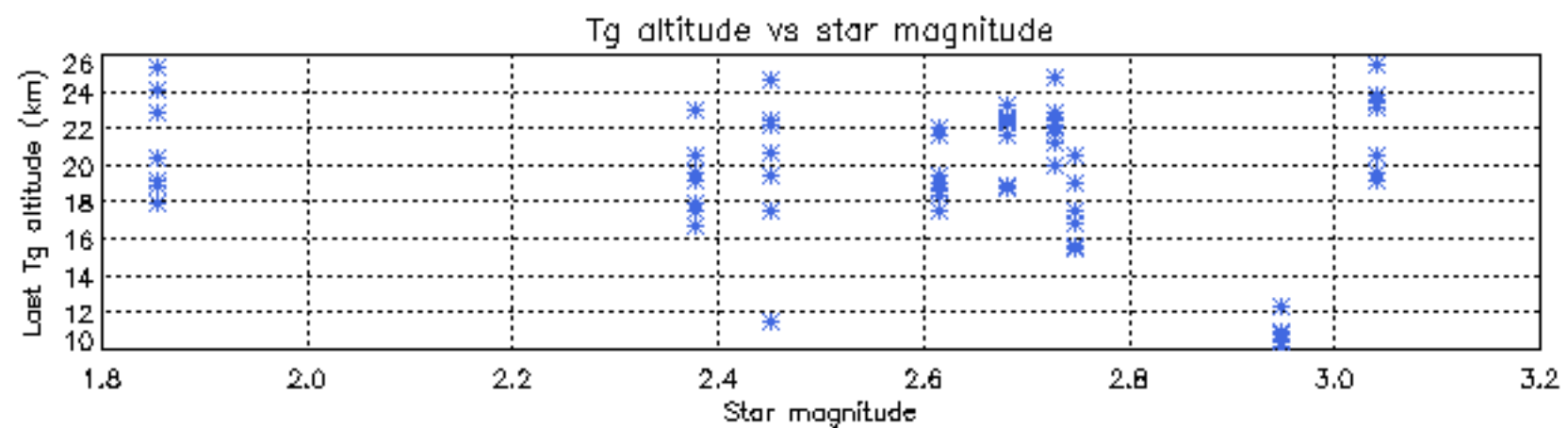
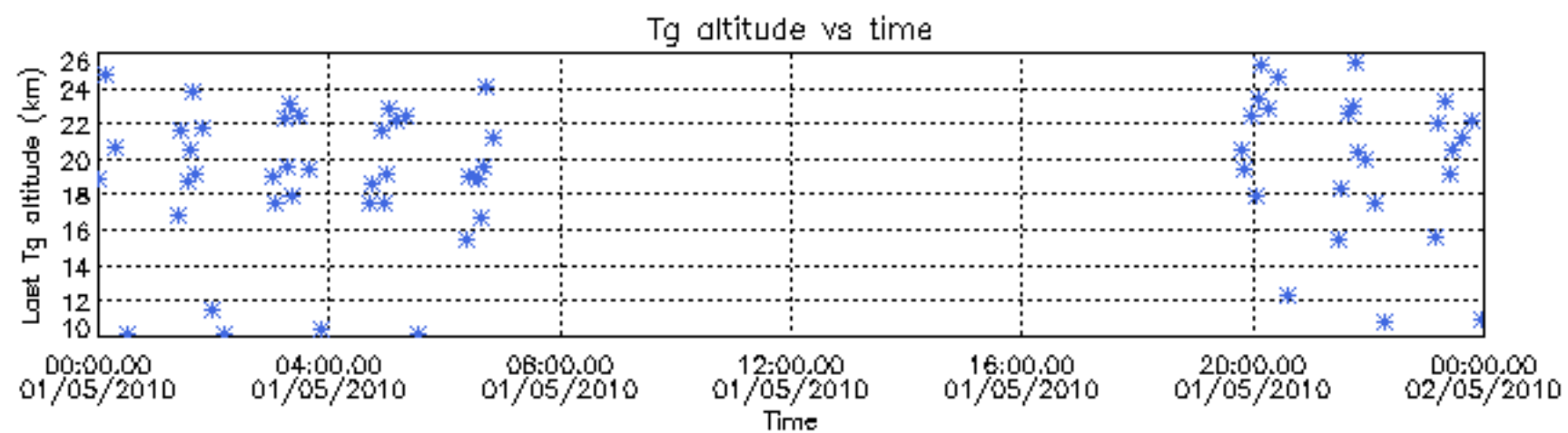
Percentage of saturation errors per profile



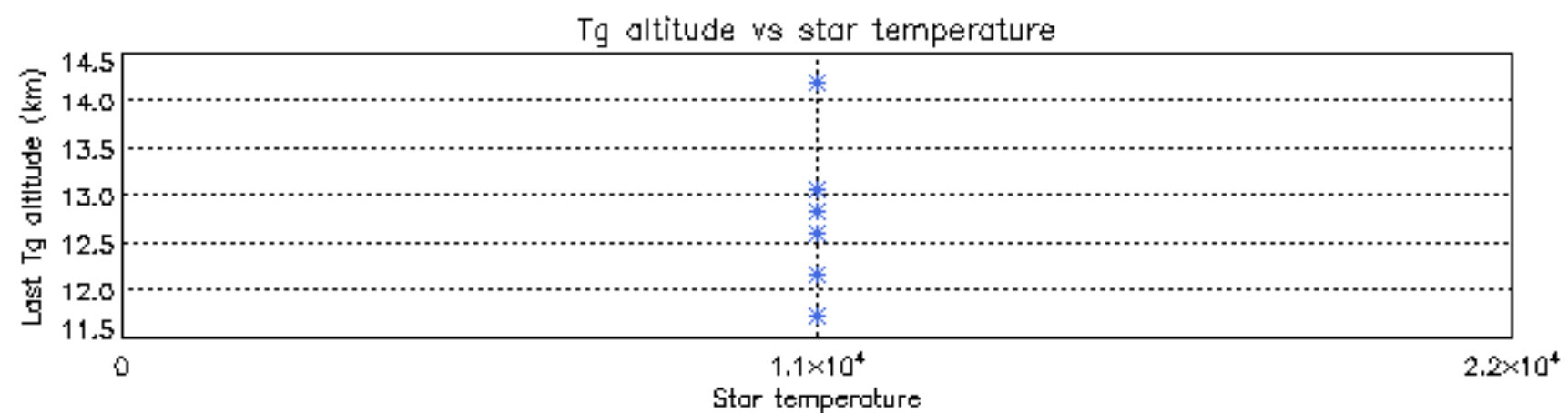
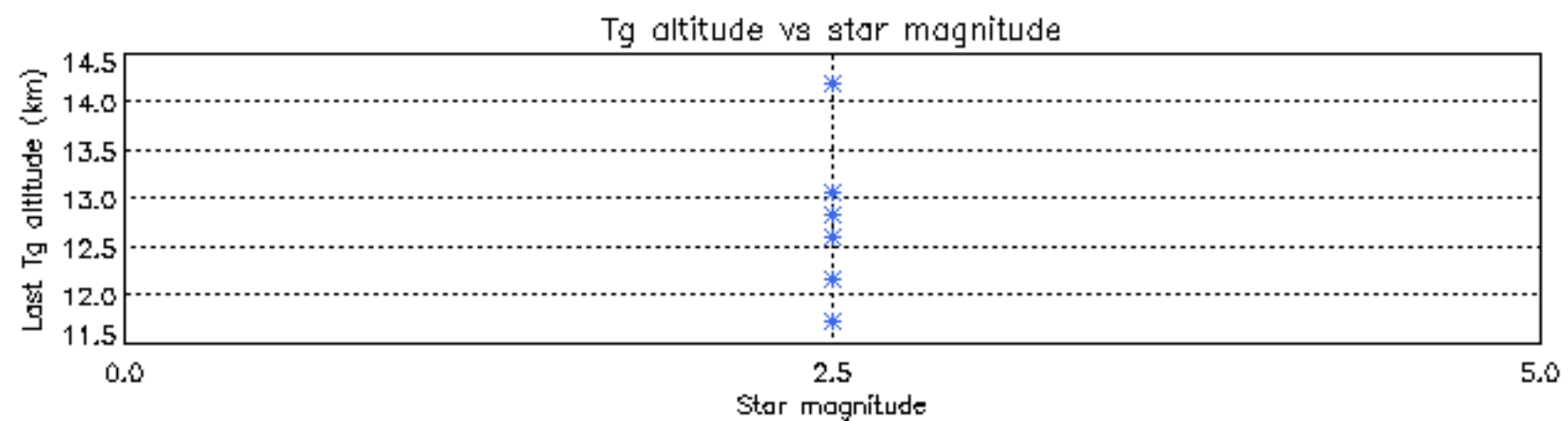
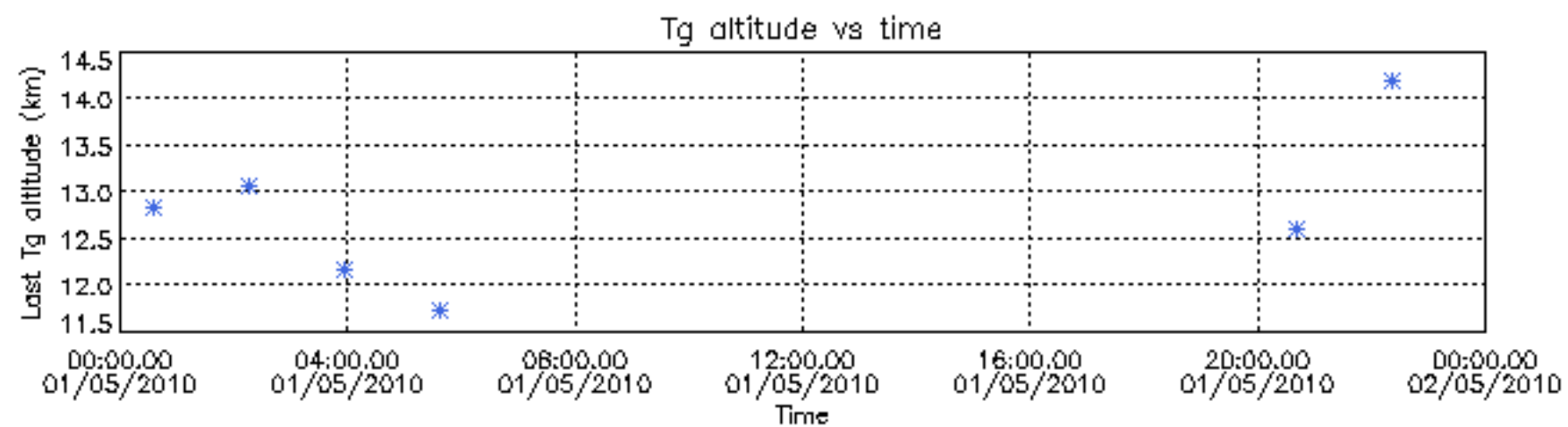
Tangent altitude at which the star is lost

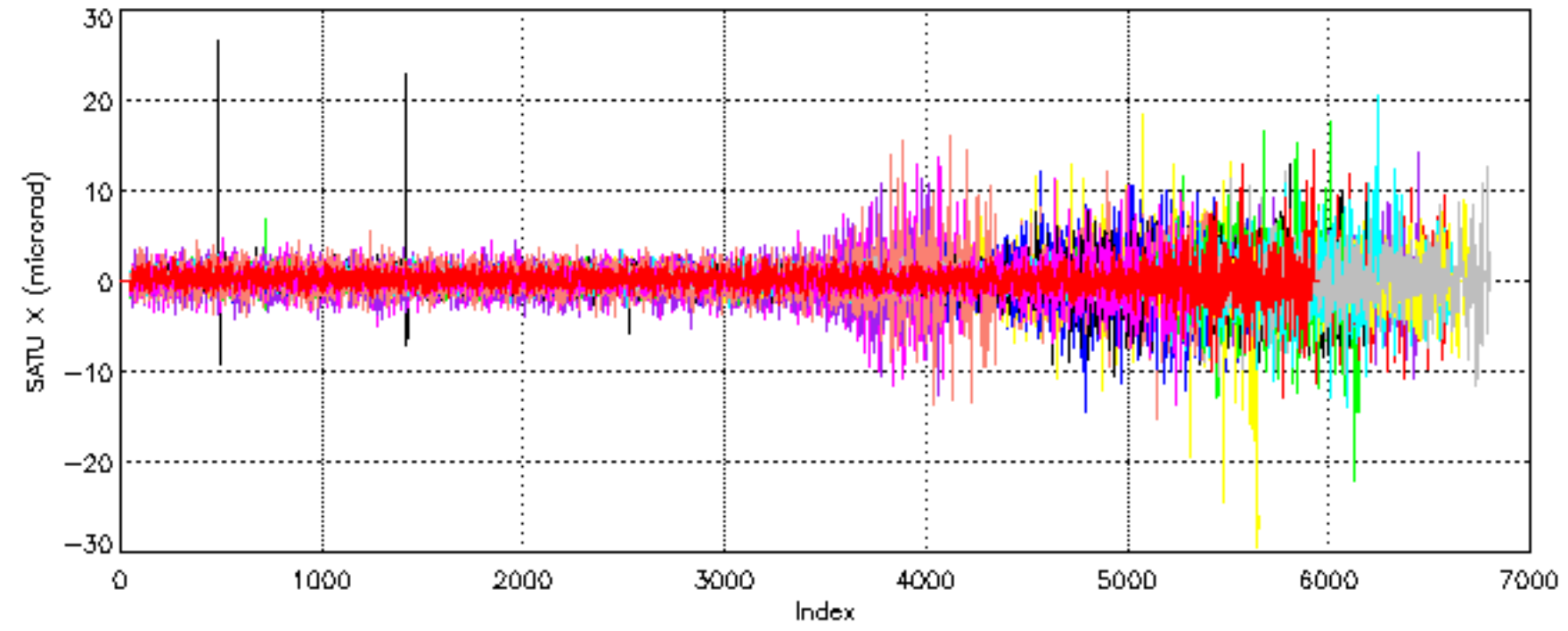


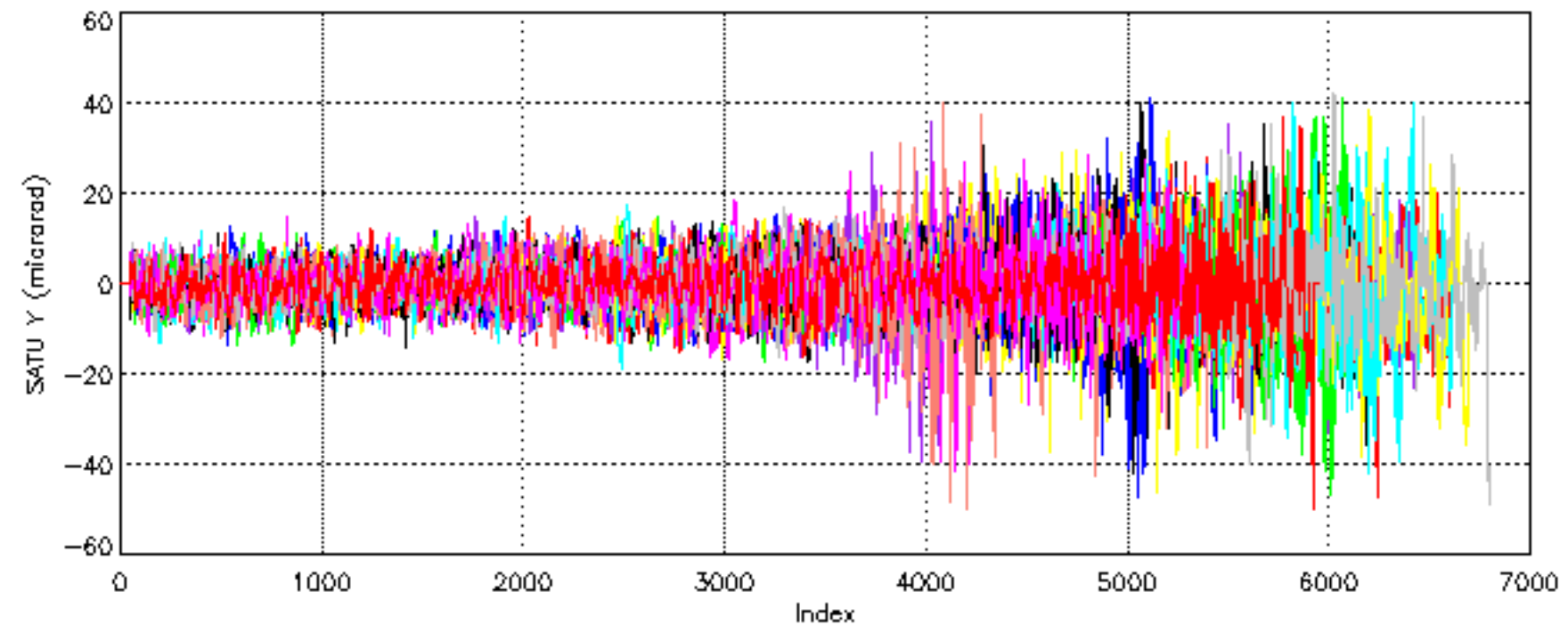
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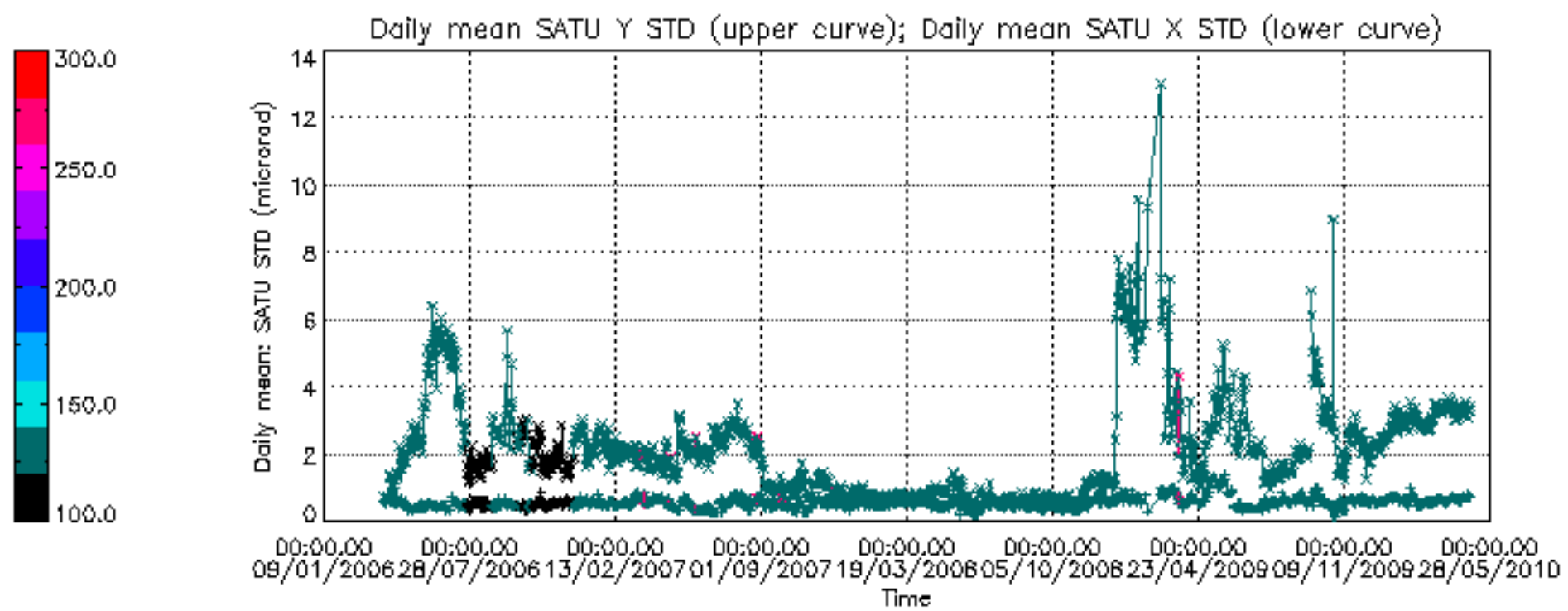


Tangent altitude at which the star is lost









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 3; 634.8; 01-MAY-2010 01:05:14; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;42699
 4; 745.6; 01-MAY-2010 01:07:04; Dark ; 53.5; 40; The Sco ; 1.86; 7100;occ; 107; 0;42699
 5; 850.6; 01-MAY-2010 01:08:49; Dark ; 59.0; 25; 35Lam Sco ; 1.62; 28000;occ; 118; 0;42699
 6; 1038.5; 01-MAY-2010 01:11:57; Dark ; 60.0; 75; 26Eps Sco ; 2.29; 4250;occ; 120; 0;42699
 7; 1264.4; 01-MAY-2010 01:15:43; Dark ; 81.0; 16; 21Alp Sco ; 1.02; 3000;occ; 162; 0;42699
 8; 1399.6; 01-MAY-2010 01:17:58; Dark ; 58.5; 80; 7Del Sco ; 2.32; 30000;occ; 117; 0;42699
 9; 1590.0; 01-MAY-2010 01:21:09; Bright; 45.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 90; 0;42699
 10; 1728.2; 01-MAY-2010 01:23:27; Bright; 47.5; 104; 27Bet Lib ; 2.61; 13100;occ; 95; 0;42699
 11; 2233.6; 01-MAY-2010 01:31:52; Bright; 40.0; 111; 8Eta Boo ; 2.68; 6000;occ; 80; 0;42699
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 14; 2770.6; 01-MAY-2010 01:40:49; Bright; 39.5; 39; 85Eta UMA ; 1.85; 24000;occ; 79; 0;42699
 15; 3211.4; 01-MAY-2010 01:48:10; Bright; 44.5; 119; 14Eta Dra ; 2.73; 4700;occ; 89; 0;42699
 16; 3829.0; 01-MAY-2010 01:58:28; Bright; 50.5; 89; 5Alp Cep ; 2.45; 8000;occ; 101; 0;42699
 17; 4140.5; 01-MAY-2010 02:03:39; Bright; 32.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 64; 0;42699
 18; 4508.1; 01-MAY-2010 02:09:47; Dark ; 51.5; 164; 44Eta Peg ; 2.95; 5400;occ; 103; 0;42699
 19; 4773.4; 01-MAY-2010 02:14:12; Dark ; 45.0; 90; 54Alp Peg ; 2.49; 11000;occ; 90; 0;42699
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 5; 635.3; 01-MAY-2010 02:45:50; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;42700
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 7; 851.7; 01-MAY-2010 02:49:26; Dark ; 57.5; 25; 35Lam Sco ; 1.62; 28000;occ; 115; 0;42700
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 9; 1264.8; 01-MAY-2010 02:56:19; Dark ; 68.0; 16; 21Alp Sco ; 1.02; 3000;occ; 136; 0;42700
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 16; 2770.8; 01-MAY-2010 03:21:25; Bright; 40.0; 39; 85Eta UMA ; 1.85; 24000;occ; 80; 0;42700
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 9; -239.1; 01-MAY-2010 04:11:52; Dark ; 42.5; 172; Gam Gru ; 3.00; 13100;occ; 85; 0;42700
 10; 635.9; 01-MAY-2010 04:26:27; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;42701
 11; 747.2; 01-MAY-2010 04:28:18; Dark ; 50.5; 40; The Sco ; 1.86; 7100;occ; 101; 0;42701
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 13; 1039.9; 01-MAY-2010 04:33:11; Dark ; 59.0; 75; 26Eps Sco ; 2.29; 4250;occ; 118; 0;42701
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 2; -1896.2; 01-MAY-2010 05:24:50; Bright; 27.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 54; 0;42701
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8; 862.2; 01-MAY-2010 21:16:12; Dark ; 61.0; 25; 35Lam Sco ; 1.62; 28000;occ; 122; 0;42711
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15; 1726.0; 04-MAY-2010 06:30:58; Bright; 47.0; 104; 27Bet Lib ; 2.61; 13100;occ; 94; 0;42745
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 4; 2617.0; 04-MAY-2010 08:26:25; Bright; 38.5; 180; 27Gam Boo ; 3.04; 8000;occ; 77; 0;42746
 5; 3182.7; 04-MAY-2010 08:35:51; Bright; 45.5; 119; 14Eta Dra ; 2.73; 4700;occ; 91; 0;42746
 6; 3814.0; 04-MAY-2010 08:46:22; Bright; 43.5; 89; 5Alp Cep ; 2.45; 8000;occ; 87; 0;42746
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15; 2413.6; 07-MAY-2010 21:53:34; Bright; 41.0; 83; ; 2.38; 11000;occ; 82; 0;42797
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17; 2753.3; 07-MAY-2010 21:59:14; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;42797
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14; 2222.3; 07-MAY-2010 23:30:58; Bright; 36.5; 111; 8Eta Boo ; 2.68; 6000;occ; 73; 0;42798
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5; -445.9; 07-MAY-2010 07:41:07; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;42788
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 5; 2601.4; 07-MAY-2010 08:31:54; Bright; 39.5; 180; 27Gam Boo ; 3.04; 8000;occ; 79; 0;42789
 6; 2754.4; 07-MAY-2010 08:34:27; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;42789
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 8; 3157.8; 07-MAY-2010 08:41:11; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;42789
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22; 7460.7; 07-MAY-2010 09:52:54; Dark ; 56.5; 80; 7Del Sco ; 2.32; 30000;occ; 113; 0;42790
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 5; 2754.2; 07-MAY-2010 10:15:03; Bright; 38.0; 39; 85Eta UMa ; 1.85; 24000;occ; 76; 0;42790
 6; 3157.2; 07-MAY-2010 10:21:46; Bright; 43.5; 119; 14Eta Dra ; 2.73; 4700;occ; 87; 0;42790
 7; 3799.0; 07-MAY-2010 10:32:28; Bright; 55.5; 89; 5Alp Cep ; 2.45; 8000;occ; 111; 0;42790
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16; 6858.3; 07-MAY-2010 11:23:27; Dark ; 52.0; 40; The Sco ; 1.86; 7100;occ; 104; 0;42791
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5; 702.9; 09-MAY-2010 00:14:38; Dark ; 50.5; 141; Bet Ara ; 2.84; 4600;occ; 101; 0;42813
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13; 2221.7; 09-MAY-2010 00:39:57; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;42813
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6; 2752.4; 08-MAY-2010 08:02:48; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;42803
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 8; 257.7; 09-MAY-2010 06:49:37; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;42817
 9; 705.4; 09-MAY-2010 06:57:04; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;42817
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 21; 7639.6; 09-MAY-2010 08:52:39; Bright; 40.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 80; 0;42818
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17; 6744.1; 09-MAY-2010 15:20:07; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;42822

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7;	3133.5;	10-MAY-2010	10:27:07;	Bright;	44.5;	119;	14Eta Dra	;	2.73;	4700;occ;	89;	0;	42833	
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 6; 1606.3; 10-MAY-2010 20:05:16; Bright; 41.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 82; 0;42839
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 8; 2221.1; 10-MAY-2010 20:15:31; Bright; 36.5; 111; 8Eta Boo ; 2.68; 6000;occ; 73; 0;42839
 9; 2400.4; 10-MAY-2010 20:18:30; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;42839
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11; 2748.6; 10-MAY-2010 20:24:18; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;42839
12; 3130.4; 10-MAY-2010 20:30:40; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;42839
13; 3780.5; 10-MAY-2010 20:41:30; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;42839
14; 3964.8; 10-MAY-2010 20:44:34; Bright; 54.0; 74; 11Bet Cas ; 2.27; 6600;occ; 108; 0;42839
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16; 4742.7; 10-MAY-2010 20:57:32; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;42839
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 5; 273.7; 10-MAY-2010 21:23:39; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;42840
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 7; 859.4; 10-MAY-2010 21:33:25; Dark ; 56.5; 40; The Sco ; 1.86; 7100;occ; 113; 0;42840
 8; 971.0; 10-MAY-2010 21:35:16; Dark ; 54.5; 25; 35Lam Sco ; 1.62; 28000;occ; 109; 0;42840
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19; 3779.7; 11-MAY-2010 00:02:41; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;42841
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7; 861.1; 11-MAY-2010 00:54:38; Dark ; 52.5; 40; The Sco ; 1.86; 7100;occ; 105; 0;42842
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6; 719.7; 11-MAY-2010 02:32:53; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;42843
7; 861.7; 11-MAY-2010 02:35:15; Dark ; 52.5; 40; The Sco ; 1.86; 7100;occ; 105; 0;42843
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9; 1128.4; 11-MAY-2010 02:39:41; Dark ; 51.5; 75; 26Eps Sco ; 2.29; 4250;occ; 103; 0;42843
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22; 6319.6; 11-MAY-2010 20:52:12; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;42854
23; 6761.6; 11-MAY-2010 20:59:34; Dark ; 54.0; 141; Bet Ara ; 2.84; 4600;occ; 108; 0;42854
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 6; 726.8; 12-MAY-2010 00:20:47; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;42856
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 8; 982.7; 12-MAY-2010 00:25:03; Dark ; 60.0; 25; 35Lam Sco ; 1.62; 28000;occ; 120; 0;42856
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16; 2582.4; 12-MAY-2010 02:32:18; Bright; 40.0; 180; 27Gam Boo ; 3.04; 8000;occ; 80; 0;42857
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11; 727.8; 12-MAY-2010 03:42:00; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;42858
12; 872.5; 12-MAY-2010 03:44:24; Dark ; 52.5; 40; The Sco ; 1.86; 7100;occ; 105; 0;42858
13; 984.5; 12-MAY-2010 03:46:16; Dark ; 56.5; 25; 35Lam Sco ; 1.62; 28000;occ; 113; 0;42858
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17; 1608.4; 12-MAY-2010 03:56:40; Bright; 38.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 76; 0;42858
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 2; 1333.8; 12-MAY-2010 17:16:53; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;42866
 3; 1443.5; 12-MAY-2010 17:18:43; Dark ; 54.0; 80; 7Del Sco ; 2.32; 30000;occ; 108; 0;42866
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 5; 1725.5; 12-MAY-2010 17:23:25; Bright; 42.0; 104; 27Bet Lib ; 2.61; 13100;occ; 84; 0;42866
 6; 2063.0; 12-MAY-2010 17:29:02; Bright; 31.0; 102; 24Alp Ser ; 2.60; 4250;occ; 62; 0;42866
 7; 2236.4; 12-MAY-2010 17:31:56; Bright; 37.0; 3; 16Alp Boo ; -0.05; 4250;occ; 74; 0;42866
 8; 2393.2; 12-MAY-2010 17:34:33; Bright; 43.5; 83; ; 2.38; 11000;occ; 87; 0;42866
 9; 2580.5; 12-MAY-2010 17:37:40; Bright; 56.0; 180; 27Gam Boo ; 3.04; 8000;occ; 112; 0;42866
10; 2746.9; 12-MAY-2010 17:40:26; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;42866
11; 3116.7; 12-MAY-2010 17:46:36; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;42866
12; 3769.8; 12-MAY-2010 17:57:29; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;42866

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 18; 5910.4; 12-MAY-2010 18:33:10; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;42866
 19; 5993.4; 12-MAY-2010 18:34:33; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;42866
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 21; 6768.8; 12-MAY-2010 18:47:28; Dark ; 48.5; 141; Bet Ara ; 2.84; 4600;occ; 97; 0;42867
 22; 6915.4; 12-MAY-2010 18:49:55; Dark ; 54.5; 40; The Sco ; 1.86; 7100;occ; 109; 0;42867
 23; 7026.6; 12-MAY-2010 18:51:46; Dark ; 57.0; 25; 35Lam Sco ; 1.62; 28000;occ; 114; 0;42867

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 3; 1334.2; 12-MAY-2010 18:57:30; Dark ; 56.5; 16; 21Alp Sco ; 1.02; 3000;occ; 113; 0;42867
 4; 1443.4; 12-MAY-2010 18:59:19; Dark ; 59.5; 80; 7Del Sco ; 2.32; 30000;occ; 119; 0;42867
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 6; 1725.5; 12-MAY-2010 19:04:01; Bright; 42.0; 104; 27Bet Lib ; 2.61; 13100;occ; 84; 0;42867
 7; 2062.6; 12-MAY-2010 19:09:38; Bright; 31.0; 102; 24Alp Ser ; 2.60; 4250;occ; 62; 0;42867
 8; 2236.4; 12-MAY-2010 19:12:32; Bright; 37.0; 3; 16Alp Boo ; -0.05; 4250;occ; 74; 0;42867
 9; 2393.0; 12-MAY-2010 19:15:08; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;42867
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 11; 2746.6; 12-MAY-2010 19:21:02; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;42867
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 22; 6329.2; 12-MAY-2010 20:20:45; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;42868
 23; 6769.2; 12-MAY-2010 20:28:05; Dark ; 49.0; 141; Bet Ara ; 2.84; 4600;occ; 98; 0;42868
 24; 6915.6; 12-MAY-2010 20:30:31; Dark ; 54.0; 40; The Sco ; 1.86; 7100;occ; 108; 0;42868
 25; 7027.3; 12-MAY-2010 20:32:23; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;42868

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 5; 1609.5; 12-MAY-2010 20:42:41; Bright; 39.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 78; 0;42868
 6; 1725.7; 12-MAY-2010 20:44:37; Bright; 40.5; 104; 27Bet Lib ; 2.61; 13100;occ; 81; 0;42868
 7; 2062.0; 12-MAY-2010 20:50:13; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;42868
 8; 2236.1; 12-MAY-2010 20:53:08; Bright; 38.5; 3; 16Alp Boo ; -0.05; 4250;occ; 77; 0;42868
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 12; 3115.4; 12-MAY-2010 21:07:47; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;42868
 13; 3769.1; 12-MAY-2010 21:18:41; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;42868
 14; 3963.7; 12-MAY-2010 21:21:55; Bright; 54.0; 74; 11Bet Cas ; 2.27; 6600;occ; 108; 0;42868
 15; 4568.9; 12-MAY-2010 21:32:00; Dark ; 58.5; 93; 53Bet Peg ; 2.52; 3100;occ; 117; 0;42868
 16; 4750.4; 12-MAY-2010 21:35:02; Dark ; 40.0; 140; 88Gam Peg ; 2.83; 26000;occ; 80; 0;42868
 17; 4838.1; 12-MAY-2010 21:36:30; Dark ; 51.5; 90; 54Alp Peg ; 2.49; 11000;occ; 103; 0;42868

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 5; 294.2; 12-MAY-2010 22:01:22; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;42869
 6; 733.8; 12-MAY-2010 22:08:41; Dark ; 49.5; 141; Bet Ara ; 2.84; 4600;occ; 99; 0;42869
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 9; 1141.8; 12-MAY-2010 22:15:29; Dark ; 53.5; 75; 26Eps Sco ; 2.29; 4250;occ; 107; 0;42869
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 12; 1609.8; 12-MAY-2010 22:23:17; Bright; 39.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 78; 0;42869

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17; 2579.7; 12-MAY-2010 22:39:27; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;42869
18; 2747.0; 12-MAY-2010 22:42:14; Bright; 35.0; 39; 85Eta UMa ; 1.85; 24000;occ; 70; 0;42869
19; 3114.8; 12-MAY-2010 22:48:22; Bright; 44.5; 119; 14Eta Dra ; 2.73; 4700;occ; 89; 0;42869
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22; 4568.9; 12-MAY-2010 23:12:36; Dark ; 66.0; 93; 53Bet Peg ; 2.52; 3100;occ; 132; 0;42869
23; 4750.6; 12-MAY-2010 23:15:38; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;42869
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3; -124.0; 12-MAY-2010 23:34:59; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;42869
4; -40.5; 12-MAY-2010 23:36:23; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 0;42869
5; 294.9; 12-MAY-2010 23:41:58; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;42870
6; 734.5; 12-MAY-2010 23:49:18; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;42870
7; 881.3; 12-MAY-2010 23:51:44; Dark ; 53.0; 40; The Sco ; 1.86; 7100;occ; 106; 0;42870
8; 992.9; 12-MAY-2010 23:53:36; Dark ; 57.5; 25; 35Lam Sco ; 1.62; 28000;occ; 115; 0;42870
9; 1142.2; 12-MAY-2010 23:56:05; Dark ; 53.0; 75; 26Eps Sco ; 2.29; 4250;occ; 106; 0;42870
10; 1335.2; 12-MAY-2010 23:59:18; Dark ; 63.0; 16; 21Alp Sco ; 1.02; 3000;occ; 126; 0;42870
11; 1444.3; 13-MAY-2010 00:01:08; Dark ; 57.0; 80; 7Del Sco ; 2.32; 30000;occ; 114; 0;42870
12; 1609.8; 13-MAY-2010 00:03:53; Bright; 40.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 80; 0;42870
13; 1725.5; 13-MAY-2010 00:05:49; Bright; 40.5; 104; 27Bet Lib ; 2.61; 13100;occ; 81; 0;42870
14; 2061.4; 13-MAY-2010 00:11:25; Bright; 46.0; 102; 24Alp Ser ; 2.60; 4250;occ; 92; 0;42870
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16; 2392.3; 13-MAY-2010 00:16:55; Bright; 39.5; 83; ; 2.38; 11000;occ; 79; 0;42870
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19; 3114.2; 13-MAY-2010 00:28:57; Bright; 44.0; 119; 14Eta Dra ; 2.73; 4700;occ; 88; 0;42870
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22; 4569.3; 13-MAY-2010 00:53:13; Dark ; 59.0; 93; 53Bet Peg ; 2.52; 3100;occ; 118; 0;42870
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4; 295.2; 13-MAY-2010 01:22:34; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;42871
5; 734.8; 13-MAY-2010 01:29:54; Dark ; 51.5; 141; Bet Ara ; 2.84; 4600;occ; 103; 0;42871
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9; 1335.8; 13-MAY-2010 01:39:55; Dark ; 58.5; 16; 21Alp Sco ; 1.02; 3000;occ; 117; 0;42871
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12; 1725.4; 13-MAY-2010 01:46:24; Bright; 42.0; 104; 27Bet Lib ; 2.61; 13100;occ; 84; 0;42871
13; 2061.4; 13-MAY-2010 01:52:00; Bright; 46.0; 102; 24Alp Ser ; 2.60; 4250;occ; 92; 0;42871
14; 2235.7; 13-MAY-2010 01:54:55; Bright; 40.0; 3; 16Alp Boo ;-0.05; 4250;occ; 80; 0;42871
15; 2391.9; 13-MAY-2010 01:57:31; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;42871
16; 2579.3; 13-MAY-2010 02:00:38; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;42871
17; 2746.5; 13-MAY-2010 02:03:26; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;42871
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28; 6332.0; 13-MAY-2010 03:03:11; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;42872
29; 6771.6; 13-MAY-2010 03:10:31; Dark ; 46.5; 141; Bet Ara ; 2.84; 4600;occ; 93; 0;42872
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6; -367.6; 15-MAY-2010 05:10:05; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;42901
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8; 316.8; 15-MAY-2010 05:21:30; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;42902
9; 751.2; 15-MAY-2010 05:28:44; Dark ; 45.0; 141; Bet Ara ; 2.84; 4600;occ; 90; 0;42902
10; 902.7; 15-MAY-2010 05:31:16; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;42902
11; 1014.7; 15-MAY-2010 05:33:08; Dark ; 54.0; 25; 35Lam Sco ; 1.62; 28000;occ; 108; 0;42902
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13; 1346.0; 15-MAY-2010 05:38:39; Dark ; 58.5; 16; 21Alp Sco ; 1.02; 3000;occ; 117; 0;42902
14; 1504.6; 15-MAY-2010 05:41:18; Bright; 50.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 100; 0;42902
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16; 1859.9; 15-MAY-2010 05:47:13; Bright; 50.5; 120; 1Del Oph ; 2.73; 3200;occ; 101; 0;42902
17; 2051.1; 15-MAY-2010 05:50:24; Bright; 46.0; 102; 24Alp Ser ; 2.60; 4250;occ; 92; 0;42902
18; 2384.9; 15-MAY-2010 05:55:58; Bright; 42.5; 83; ; 2.38; 11000;occ; 85; 0;42902
19; 2573.0; 15-MAY-2010 05:59:06; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;42902
20; 3098.5; 15-MAY-2010 06:07:51; Bright; 42.0; 119; 14Eta Dra ; 2.73; 4700;occ; 84; 0;42902
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4; 1858.5; 15-MAY-2010 15:50:47; Bright; 50.0; 120; 1Del Oph ; 2.73; 3200;occ; 100; 0;42908
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6; 2383.8; 15-MAY-2010 15:59:32; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;42908
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8; 3095.7; 15-MAY-2010 16:11:24; Bright; 43.5; 119; 14Eta Dra ; 2.73; 4700;occ; 87; 0;42908
9; 3752.0; 15-MAY-2010 16:22:20; Bright; 65.0; 89; 5Alp Cep ; 2.45; 8000;occ; 130; 0;42908
10; 3961.9; 15-MAY-2010 16:25:50; Bright; 55.0; 74; 11Bet Cas ; 2.27; 6600;occ; 110; 0;42908
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12; 4761.6; 15-MAY-2010 16:39:10; Dark ; 42.5; 140; 88Gam Peg ; 2.83; 26000;occ; 85; 0;42908
13; 4858.1; 15-MAY-2010 16:40:46; Dark ; 54.0; 90; 54Alp Peg ; 2.49; 11000;occ; 108; 0;42908
14; 5674.2; 15-MAY-2010 16:54:23; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;42908
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17; 6358.0; 15-MAY-2010 17:05:46; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;42909
18; 6790.8; 15-MAY-2010 17:12:59; Dark ; 48.5; 141; Bet Ara ; 2.84; 4600;occ; 97; 0;42909
19; 6963.9; 15-MAY-2010 17:15:52; Dark ; 27.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 54; 0;42909
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3; 1506.0; 15-MAY-2010 17:25:30; Bright; 47.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 95; 0;42909
4; 1727.0; 15-MAY-2010 17:29:11; Bright; 39.5; 104; 27Bet Lib ; 2.61; 13100;occ; 79; 0;42909
5; 1858.3; 15-MAY-2010 17:31:23; Bright; 50.0; 120; 1Del Oph ; 2.73; 3200;occ; 100; 0;42909
6; 2049.0; 15-MAY-2010 17:34:33; Bright; 44.0; 102; 24Alp Ser ; 2.60; 4250;occ; 88; 0;42909
7; 2383.9; 15-MAY-2010 17:40:08; Bright; 41.5; 83; ; 2.38; 11000;occ; 83; 0;42909
8; 2571.9; 15-MAY-2010 17:43:16; Bright; 38.5; 180; 27Gam Boo ; 3.04; 8000;occ; 77; 0;42909
9; 3095.2; 15-MAY-2010 17:52:00; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;42909
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12; 4577.6; 15-MAY-2010 18:16:42; Dark ; 61.0; 93; 53Bet Peg ; 2.52; 3100;occ; 122; 0;42909
13; 4762.0; 15-MAY-2010 18:19:46; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;42909
14; 4858.5; 15-MAY-2010 18:21:23; Dark ; 54.0; 90; 54Alp Peg ; 2.49; 11000;occ; 108; 0;42909
15; 5674.7; 15-MAY-2010 18:34:59; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;42909
16; 5823.0; 15-MAY-2010 18:37:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42909
17; 6024.7; 15-MAY-2010 18:40:49; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;42909
18; 6358.8; 15-MAY-2010 18:46:23; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;42910
19; 6791.4; 15-MAY-2010 18:53:36; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;42910
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3; 1161.8; 15-MAY-2010 19:00:22; Dark ; 52.0; 75; 26Eps Sco ; 2.29; 4250;occ; 104; 0;42910
4; 1348.6; 15-MAY-2010 19:03:29; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;42910
5; 1506.1; 15-MAY-2010 19:06:07; Bright; 45.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 91; 0;42910

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7; 1857.9; 15-MAY-2010 19:11:58; Bright; 50.0; 120; 1Del Oph ; 2.73; 3200;occ; 100; 0;42910
8; 2048.6; 15-MAY-2010 19:15:09; Bright; 44.5; 102; 24Alp Ser ; 2.60; 4250;occ; 89; 0;42910
9; 2383.4; 15-MAY-2010 19:20:44; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;42910
10; 2571.7; 15-MAY-2010 19:23:52; Bright; 38.5; 180; 27Gam Boo ; 3.04; 8000;occ; 77; 0;42910
11; 3094.9; 15-MAY-2010 19:32:35; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;42910
12; 3751.2; 15-MAY-2010 19:43:32; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;42910
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14; 4513.2; 15-MAY-2010 19:56:14; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 0;42910
15; 4762.3; 15-MAY-2010 20:00:23; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;42910
16; 4859.0; 15-MAY-2010 20:01:59; Dark ; 54.5; 90; 54Alp Peg ; 2.49; 11000;occ; 109; 0;42910
17; 5675.5; 15-MAY-2010 20:15:36; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;42910
18; 5823.8; 15-MAY-2010 20:18:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42910
19; 6025.6; 15-MAY-2010 20:21:26; Dark ; 50.0; 31; Alp Gru ; 1.73; 15200;occ; 100; 0;42910
20; 6359.1; 15-MAY-2010 20:27:00; Dark ; 44.5; 45; Alp Pav ; 1.94; 26000;occ; 89; 0;42911
21; 6791.7; 15-MAY-2010 20:34:12; Dark ; 45.5; 141; Bet Ara ; 2.84; 4600;occ; 91; 0;42911
22; 6965.5; 15-MAY-2010 20:37:06; Dark ; 29.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 58; 0;42911
23; 7056.7; 15-MAY-2010 20:38:37; Dark ; 17.0; 25; 35Lam Sco ; 1.62; 28000;occ; 34; 0;42911

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3; 1162.2; 15-MAY-2010 20:40:59; Dark ; 52.0; 75; 26Eps Sco ; 2.29; 4250;occ; 104; 0;42911
4; 1349.0; 15-MAY-2010 20:44:05; Dark ; 56.5; 16; 21Alp Sco ; 1.02; 3000;occ; 113; 0;42911
5; 1506.3; 15-MAY-2010 20:46:43; Bright; 45.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 91; 0;42911
6; 1726.9; 15-MAY-2010 20:50:23; Bright; 41.0; 104; 27Bet Lib ; 2.61; 13100;occ; 82; 0;42911
7; 1857.7; 15-MAY-2010 20:52:34; Bright; 50.5; 120; 1Del Oph ; 2.73; 3200;occ; 101; 0;42911
8; 2048.5; 15-MAY-2010 20:55:45; Bright; 44.0; 102; 24Alp Ser ; 2.60; 4250;occ; 88; 0;42911
9; 2383.4; 15-MAY-2010 21:01:20; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;42911
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11; 3094.2; 15-MAY-2010 21:13:11; Bright; 42.0; 119; 14Eta Dra ; 2.73; 4700;occ; 84; 0;42911
12; 3750.7; 15-MAY-2010 21:24:07; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;42911
13; 3961.6; 15-MAY-2010 21:27:38; Bright; 37.5; 74; 11Bet Cas ; 2.27; 6600;occ; 75; 0;42911
14; 4513.5; 15-MAY-2010 21:36:50; Dark ; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;42911
15; 4762.1; 15-MAY-2010 21:40:59; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;42911
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5; 756.4; 15-MAY-2010 22:14:49; Dark ; 51.0; 141; Bet Ara ; 2.84; 4600;occ; 102; 0;42912
6; 930.6; 15-MAY-2010 22:17:43; Dark ; 30.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 60; 0;42912
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9; 1348.9; 15-MAY-2010 22:24:41; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;42912
10; 1506.3; 15-MAY-2010 22:27:19; Bright; 45.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 91; 0;42912
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12; 1857.4; 15-MAY-2010 22:33:10; Bright; 50.5; 120; 1Del Oph ; 2.73; 3200;occ; 101; 0;42912
13; 2048.0; 15-MAY-2010 22:36:20; Bright; 44.5; 102; 24Alp Ser ; 2.60; 4250;occ; 89; 0;42912
14; 2382.9; 15-MAY-2010 22:41:55; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;42912
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16; 3093.7; 15-MAY-2010 22:53:46; Bright; 61.0; 119; 14Eta Dra ; 2.73; 4700;occ; 122; 0;42912
17; 3750.1; 15-MAY-2010 23:04:42; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;42912
18; 3961.8; 15-MAY-2010 23:08:14; Bright; 55.0; 74; 11Bet Cas ; 2.27; 6600;occ; 110; 0;42912
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20; 4762.6; 15-MAY-2010 23:21:35; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;42912
21; 4860.1; 15-MAY-2010 23:23:12; Dark ; 52.5; 90; 54Alp Peg ; 2.49; 11000;occ; 105; 0;42912

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3; -8.9; 15-MAY-2010 23:42:39; Dark ; 47.5; 31; Alp Gru ; 1.73; 15200;occ; 95; 0;42912
4; 324.4; 15-MAY-2010 23:48:13; Dark ; 51.0; 45; Alp Pav ; 1.94; 26000;occ; 102; 0;42913
5; 756.8; 15-MAY-2010 23:55:25; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;42913
6; 931.6; 15-MAY-2010 23:58:20; Dark ; 30.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 60; 0;42913
7; 1022.1; 15-MAY-2010 23:59:50; Dark ; 54.0; 25; 35Lam Sco ; 1.62; 28000;occ; 108; 0;42913
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9; 1349.3; 16-MAY-2010 00:05:17; Dark ; 63.0; 16; 21Alp Sco ; 1.02; 3000;occ; 126; 0;42913
10; 1506.5; 16-MAY-2010 00:07:55; Bright; 43.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 87; 0;42913

11; 1727.3; 16-MAY-2010 00:11:35; Bright; 40.0; 104; 27Bet Lib ; 2.61; 13100;occ; 80; 0;42913
 12; 1857.3; 16-MAY-2010 00:13:45; Bright; 50.0; 120; 1Del Oph ; 2.73; 3200;occ; 100; 0;42913
 13; 2047.9; 16-MAY-2010 00:16:56; Bright; 44.5; 102; 24Alp Ser ; 2.60; 4250;occ; 89; 0;42913
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 17; 3749.7; 16-MAY-2010 00:45:18; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;42913
 18; 3961.8; 16-MAY-2010 00:48:50; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;42913
 19; 4514.0; 16-MAY-2010 00:58:02; Dark ; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;42913
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 5; 757.2; 16-MAY-2010 01:36:01; Dark ; 46.0; 141; Bet Ara ; 2.84; 4600;occ; 92; 0;42914
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 7; 1022.8; 16-MAY-2010 01:40:27; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;42914
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 10; 1506.8; 16-MAY-2010 01:48:31; Bright; 59.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 118; 0;42914
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 12; 1857.1; 16-MAY-2010 01:54:21; Bright; 49.5; 120; 1Del Oph ; 2.73; 3200;occ; 99; 0;42914
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 5; 2379.1; 17-MAY-2010 14:56:13; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;42936
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6; 3175.1; 21-MAY-2010 08:01:14; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;42989
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 16; 6830.3; 21-MAY-2010 09:02:09; Dark ; 48.5; 141; Bet Ara ; 2.84; 4600;occ; 97; 0;42990
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 3; 2030.3; 21-MAY-2010 09:22:45; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;42990
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 21; 7408.3; 21-MAY-2010 10:52:23; Dark ; 54.0; 16; 21Alp Sco ; 1.02; 3000;occ; 108; 0;42991
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 4; 2372.4; 21-MAY-2010 11:09:03; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;42991
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 6; 3058.7; 21-MAY-2010 11:20:29; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;42991
 7; 3175.0; 21-MAY-2010 11:22:25; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;42991
 8; 3937.4; 21-MAY-2010 11:35:08; Bright; 35.5; 76; 27Gam Cas ; 2.30; 30000;occ; 71; 0;42991
 9; 4010.0; 21-MAY-2010 11:36:20; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;42991
 10; 4526.9; 21-MAY-2010 11:44:57; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 0;42991
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 12; 5745.9; 21-MAY-2010 12:05:16; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;42991
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 19; 7105.4; 21-MAY-2010 12:27:56; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;42992
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 6; 3174.7; 21-MAY-2010 13:03:01; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;42992
 7; 3937.7; 21-MAY-2010 13:15:44; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;42992
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3; 1204.4; 22-MAY-2010 20:21:33; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;43011
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11; 3050.8; 22-MAY-2010 20:52:20; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;43011
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13; 3936.8; 22-MAY-2010 21:07:06; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;43011
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9; 388.1; 22-MAY-2010 06:43:10; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43003
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4; 2371.3; 22-MAY-2010 07:16:13; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;43003
5; 2561.0; 22-MAY-2010 07:19:23; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;43003
6; 3053.9; 22-MAY-2010 07:27:35; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;43003
7; 3173.9; 22-MAY-2010 07:29:35; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;43003
8; 3937.2; 22-MAY-2010 07:42:19; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43003
9; 4009.7; 22-MAY-2010 07:43:31; Bright; 37.5; 68; 18Alp Cas ; 2.22; 4500;occ; 75; 0;43003
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11; 4791.9; 22-MAY-2010 07:56:33; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;43003
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 16; 6425.3; 22-MAY-2010 08:23:47; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43004
 17; 6836.9; 22-MAY-2010 08:30:38; Dark ; 45.5; 141; Bet Ara ; 2.84; 4600;occ; 91; 0;43004
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 9; 4009.7; 22-MAY-2010 09:24:07; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;43004
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 11; 4792.5; 22-MAY-2010 09:37:10; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;43004
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 16; 6425.8; 22-MAY-2010 10:04:23; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43005
 17; 6837.3; 22-MAY-2010 10:11:15; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;43005
 18; 7001.9; 22-MAY-2010 10:13:59; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;43005
 19; 7112.7; 22-MAY-2010 10:15:50; Dark ; 54.0; 25; 35Lam Sco ; 1.62; 28000;occ; 108; 0;43005
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 3; 2027.4; 22-MAY-2010 10:31:41; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;43005
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 14; 6002.5; 22-MAY-2010 11:37:56; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;43005
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 17; 6837.5; 22-MAY-2010 11:51:51; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;43006
 18; 7002.4; 22-MAY-2010 11:54:36; Dark ; 50.5; 40; The Sco ; 1.86; 7100;occ; 101; 0;43006
 19; 7113.4; 22-MAY-2010 11:56:27; Dark ; 55.0; 25; 35Lam Sco ; 1.62; 28000;occ; 110; 0;43006
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 5; 2371.2; 22-MAY-2010 13:58:36; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;43007
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19; 7121.9; 23-MAY-2010 14:46:10; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;43022
20; 7244.7; 23-MAY-2010 14:48:13; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;43022
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 7; 3046.2; 23-MAY-2010 15:18:50; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;43022
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 9; 3936.7; 23-MAY-2010 15:33:41; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43022
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12; 4532.4; 23-MAY-2010 15:43:36; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;43022
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14; 5776.2; 23-MAY-2010 16:04:20; Dark ; 64.0; 18; 24Alp PsA ; 1.17; 9700;occ; 128; 0;43022
15; 5931.4; 23-MAY-2010 16:06:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43022
16; 6015.0; 23-MAY-2010 16:08:19; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;43022
17; 6106.9; 23-MAY-2010 16:09:51; Dark ; 49.5; 172; Gam Gru ; 3.00; 13100;occ; 99; 0;43023
18; 6438.5; 23-MAY-2010 16:15:22; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;43023

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 5; 2024.9; 23-MAY-2010 16:42:25; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;43023
 6; 2370.2; 23-MAY-2010 16:48:10; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;43023
 7; 3045.9; 23-MAY-2010 16:59:26; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;43023
 8; 3172.3; 23-MAY-2010 17:01:32; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;43023
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10; 4008.6; 23-MAY-2010 17:15:29; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;43023
11; 4380.5; 23-MAY-2010 17:21:40; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;43023
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13; 4799.5; 23-MAY-2010 17:28:39; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;43023
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17; 6108.1; 23-MAY-2010 17:50:28; Dark ; 48.5; 172; Gam Gru ; 3.00; 13100;occ; 97; 0;43024
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12; 3936.4; 23-MAY-2010 18:54:52; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43024
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16; 4799.9; 23-MAY-2010 19:09:16; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;43024
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20; 6846.1; 23-MAY-2010 19:43:22; Dark ; 46.5; 141; Bet Ara ; 2.84; 4600;occ; 93; 0;43025
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 4; 404.7; 23-MAY-2010 21:17:13; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43026
 5; 810.6; 23-MAY-2010 21:23:58; Dark ; 46.5; 141; Bet Ara ; 2.84; 4600;occ; 93; 0;43026
 6; 977.3; 23-MAY-2010 21:26:45; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;43026
 7; 1088.1; 23-MAY-2010 21:28:36; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;43026
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 9; 1381.4; 23-MAY-2010 21:33:29; Dark ; 55.0; 16; 21Alp Sco ; 1.02; 3000;occ; 110; 0;43026
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12; 2024.5; 23-MAY-2010 21:44:12; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;43026
13; 2369.8; 23-MAY-2010 21:49:58; Bright; 41.0; 83; ; 2.38; 11000;occ; 82; 0;43026
14; 3044.4; 23-MAY-2010 22:01:12; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;43026
15; 3172.0; 23-MAY-2010 22:03:20; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;43026
16; 3936.5; 23-MAY-2010 22:16:04; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;43026
17; 4008.5; 23-MAY-2010 22:17:16; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;43026
18; 4381.1; 23-MAY-2010 22:23:29; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;43026
19; 4533.1; 23-MAY-2010 22:26:01; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;43026
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 14; 2370.0; 23-MAY-2010 23:30:34; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;43027
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 8; 1211.2; 24-MAY-2010 00:51:51; Dark ; 53.5; 75; 26Eps Sco ; 2.29; 4250;occ; 107; 0;43028
 9; 1381.7; 24-MAY-2010 00:54:41; Dark ; 50.0; 16; 21Alp Sco ; 1.02; 3000;occ; 100; 0;43028
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 6; 812.0; 24-MAY-2010 02:25:47; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;43029
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 22; 7419.6; 24-MAY-2010 10:58:19; Dark ; 55.5; 16; 21Alp Sco ; 1.02; 3000;occ; 111; 0;43034
 23; 7562.0; 24-MAY-2010 11:00:41; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;43034

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 2; 1839.1; 24-MAY-2010 11:05:54; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;43034
 3; 2023.2; 24-MAY-2010 11:08:58; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;43034
 4; 2369.6; 24-MAY-2010 11:14:45; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;43034
 5; 3041.5; 24-MAY-2010 11:25:57; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;43034
 6; 3171.3; 24-MAY-2010 11:28:06; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;43034
 7; 3936.2; 24-MAY-2010 11:40:51; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43034
 8; 4008.3; 24-MAY-2010 11:42:03; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;43034
 9; 4382.1; 24-MAY-2010 11:48:17; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;43034
 10; 4534.6; 24-MAY-2010 11:50:50; Dark ; 49.5; 58; 21Alp And ; 2.07; 11000;occ; 99; 0;43034
 11; 4803.4; 24-MAY-2010 11:55:18; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;43034
 12; 5333.2; 24-MAY-2010 12:04:08; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;43034
 13; 5871.3; 24-MAY-2010 12:13:06; Dark ; 54.5; 0; ; 0.00; 0;occ; 109; 0;43034
 14; 6023.8; 24-MAY-2010 12:15:39; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;43034
 15; 6125.8; 24-MAY-2010 12:17:21; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;43035
 16; 6447.0; 24-MAY-2010 12:22:42; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;43035
 17; 6850.8; 24-MAY-2010 12:29:26; Dark ; 48.0; 141; Bet Ara ; 2.84; 4600;occ; 96; 0;43035
 18; 7018.2; 24-MAY-2010 12:32:13; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;43035
 19; 7128.7; 24-MAY-2010 12:34:04; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;43035
 20; 7249.3; 24-MAY-2010 12:36:04; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;43035
 21; 7419.9; 24-MAY-2010 12:38:55; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;43035
 22; 7562.5; 24-MAY-2010 12:41:18; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;43035

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 2; 1839.0; 24-MAY-2010 12:46:30; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;43035
 3; 2023.0; 24-MAY-2010 12:49:34; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;43035
 4; 2369.4; 24-MAY-2010 12:55:20; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;43035
 5; 3171.3; 24-MAY-2010 13:08:42; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;43035
 6; 3936.2; 24-MAY-2010 13:21:27; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43035
 7; 4007.9; 24-MAY-2010 13:22:39; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;43035
 8; 4382.0; 24-MAY-2010 13:28:53; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;43035
 9; 4534.8; 24-MAY-2010 13:31:26; Dark ; 49.0; 58; 21Alp And ; 2.07; 11000;occ; 98; 0;43035
 10; 4803.7; 24-MAY-2010 13:35:55; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;43035

11; 5333.7; 24-MAY-2010 13:44:45; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;43035
 12; 5867.3; 24-MAY-2010 13:53:38; Dark ; 54.5; 0; ; 0.00; 0;occ; 109; 0;43035
 13; 6024.8; 24-MAY-2010 13:56:16; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;43035
 14; 6126.7; 24-MAY-2010 13:57:58; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;43036
 15; 6447.5; 24-MAY-2010 14:03:18; Dark ; 46.5; 45; Alp Pav ; 1.94; 26000;occ; 93; 0;43036
 16; 6851.0; 24-MAY-2010 14:10:02; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;43036
 17; 7018.8; 24-MAY-2010 14:12:50; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;43036
 18; 7129.0; 24-MAY-2010 14:14:40; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;43036
 19; 7249.8; 24-MAY-2010 14:16:41; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;43036
 20; 7420.2; 24-MAY-2010 14:19:31; Dark ; 59.5; 16; 21Alp Sco ; 1.02; 3000;occ; 119; 0;43036
 21; 7562.5; 24-MAY-2010 14:21:53; Bright; 26.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 53; 0;43036

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 3; 1839.4; 24-MAY-2010 14:27:06; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;43036
 4; 2022.9; 24-MAY-2010 14:30:10; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;43036
 5; 2369.5; 24-MAY-2010 14:35:56; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;43036
 6; 3041.0; 24-MAY-2010 14:47:08; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;43036
 7; 3171.4; 24-MAY-2010 14:49:18; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;43036
 8; 3936.3; 24-MAY-2010 15:02:03; Bright; 35.5; 76; 27Gam Cas ; 2.30; 30000;occ; 71; 0;43036
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 11; 4535.0; 24-MAY-2010 15:12:02; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 0;43036
 12; 4804.7; 24-MAY-2010 15:16:32; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;43036
 13; 5334.2; 24-MAY-2010 15:25:21; Dark ; 49.5; 52; 16Bet Cet ; 2.04; 4500;occ; 99; 0;43036
 14; 5862.2; 24-MAY-2010 15:34:09; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43036
 15; 6025.6; 24-MAY-2010 15:36:52; Dark ; 60.0; 63; Bet Gru ; 2.15; 2800;occ; 120; 0;43036
 16; 6127.7; 24-MAY-2010 15:38:35; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;43037
 17; 6448.4; 24-MAY-2010 15:43:55; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;43037
 18; 6851.5; 24-MAY-2010 15:50:38; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;43037
 19; 7019.5; 24-MAY-2010 15:53:26; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;43037
 20; 7129.7; 24-MAY-2010 15:55:17; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;43037
 21; 7250.3; 24-MAY-2010 15:57:17; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;43037

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1; 1384.2; 24-MAY-2010 16:00:07; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;43037
 2; 1527.3; 24-MAY-2010 16:02:30; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;43037
 3; 1735.3; 24-MAY-2010 16:05:58; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;43037
 4; 1839.1; 24-MAY-2010 16:07:42; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;43037
 5; 2023.2; 24-MAY-2010 16:10:46; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;43037
 6; 3040.4; 24-MAY-2010 16:27:43; Bright; 42.0; 119; 14Eta Dra ; 2.73; 4700;occ; 84; 0;43037
 7; 3171.2; 24-MAY-2010 16:29:54; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;43037
 8; 3936.3; 24-MAY-2010 16:42:39; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43037
 9; 4008.0; 24-MAY-2010 16:43:51; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;43037
 10; 4382.4; 24-MAY-2010 16:50:05; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;43037
 11; 4535.0; 24-MAY-2010 16:52:38; Dark ; 49.5; 58; 21Alp And ; 2.07; 11000;occ; 99; 0;43037
 12; 4804.7; 24-MAY-2010 16:57:08; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;43037
 13; 5334.8; 24-MAY-2010 17:05:58; Dark ; 48.0; 52; 16Bet Cet ; 2.04; 4500;occ; 96; 0;43037
 14; 5859.5; 24-MAY-2010 17:14:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43037
 15; 6026.4; 24-MAY-2010 17:17:29; Dark ; 60.0; 63; Bet Gru ; 2.15; 2800;occ; 120; 0;43037
 16; 6128.7; 24-MAY-2010 17:19:12; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;43038
 17; 6449.0; 24-MAY-2010 17:24:32; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;43038
 18; 6852.2; 24-MAY-2010 17:31:15; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;43038
 19; 7019.9; 24-MAY-2010 17:34:03; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;43038

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1; 983.8; 24-MAY-2010 17:34:03; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;43038
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 3; 1214.6; 24-MAY-2010 17:37:53; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;43038
 4; 1384.6; 24-MAY-2010 17:40:43; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;43038
 5; 1527.2; 24-MAY-2010 17:43:06; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;43038
 6; 1735.5; 24-MAY-2010 17:46:34; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;43038
 7; 1839.1; 24-MAY-2010 17:48:18; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;43038
 8; 2022.8; 24-MAY-2010 17:51:22; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;43038
 9; 2369.4; 24-MAY-2010 17:57:08; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;43038
 10; 3040.1; 24-MAY-2010 18:08:19; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;43038
 11; 3171.1; 24-MAY-2010 18:10:30; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;43038
 12; 3935.9; 24-MAY-2010 18:23:15; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43038
 13; 4007.9; 24-MAY-2010 18:24:27; Bright; 53.0; 68; 18Alp Cas ; 2.22; 4500;occ; 106; 0;43038
 14; 4382.5; 24-MAY-2010 18:30:41; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;43038

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15; 4535.2; 24-MAY-2010 18:33:14; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;43038
16; 4805.2; 24-MAY-2010 18:37:44; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;43038
17; 5335.1; 24-MAY-2010 18:46:34; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;43038
18; 5860.0; 24-MAY-2010 18:55:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43038
19; 6026.8; 24-MAY-2010 18:58:06; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;43038
20; 6129.1; 24-MAY-2010 18:59:48; Dark ; 48.5; 31; Alp Gru ; 1.73; 15200;occ; 97; 0;43039
21; 6450.0; 24-MAY-2010 19:05:09; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;43039
22; 6852.5; 24-MAY-2010 19:11:51; Dark ; 47.0; 141; Bet Ara ; 2.84; 4600;occ; 94; 0;43039
23; 7020.6; 24-MAY-2010 19:14:39; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;43039
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 2; 1094.9; 24-MAY-2010 19:16:30; Dark ; 53.5; 25; 35Lam Sco ; 1.62; 28000;occ; 107; 0;43039
 3; 1214.8; 24-MAY-2010 19:18:30; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;43039
 4; 1384.8; 24-MAY-2010 19:21:20; Dark ; 54.0; 16; 21Alp Sco ; 1.02; 3000;occ; 108; 0;43039
 5; 1527.1; 24-MAY-2010 19:23:42; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;43039
 6; 1735.6; 24-MAY-2010 19:27:10; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;43039
 7; 1838.9; 24-MAY-2010 19:28:54; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;43039
 8; 2022.6; 24-MAY-2010 19:31:57; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;43039
 9; 2369.6; 24-MAY-2010 19:37:44; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;43039
10; 3039.7; 24-MAY-2010 19:48:55; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;43039
11; 3171.2; 24-MAY-2010 19:51:06; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;43039
12; 3936.0; 24-MAY-2010 20:03:51; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;43039
13; 4007.8; 24-MAY-2010 20:05:03; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;43039
14; 4382.5; 24-MAY-2010 20:11:17; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;43039
15; 4535.6; 24-MAY-2010 20:13:50; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;43039
16; 4805.2; 24-MAY-2010 20:18:20; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;43039
17; 5335.5; 24-MAY-2010 20:27:10; Dark ; 48.5; 52; 16Bet Cet ; 2.04; 4500;occ; 97; 0;43039
18; 5860.5; 24-MAY-2010 20:35:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43039
19; 6027.6; 24-MAY-2010 20:38:42; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;43039
20; 6130.5; 24-MAY-2010 20:40:25; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;43040
21; 6450.5; 24-MAY-2010 20:45:45; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43040
22; 6852.8; 24-MAY-2010 20:52:28; Dark ; 46.0; 141; Bet Ara ; 2.84; 4600;occ; 92; 0;43040
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 4; 96.7; 25-MAY-2010 01:42:15; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;43043
 5; 416.4; 25-MAY-2010 01:47:35; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;43043
 6; 818.1; 25-MAY-2010 01:54:16; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;43043
 7; 986.4; 25-MAY-2010 01:57:05; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;43043
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 9; 1216.4; 25-MAY-2010 02:00:55; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;43043
10; 1386.0; 25-MAY-2010 02:03:44; Dark ; 56.0; 16; 21Alp Sco ; 1.02; 3000;occ; 112; 0;43043
11; 1527.6; 25-MAY-2010 02:06:06; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;43043
12; 1736.0; 25-MAY-2010 02:09:34; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;43043
13; 1838.6; 25-MAY-2010 02:11:17; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;43043
14; 2021.9; 25-MAY-2010 02:14:20; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;43043
15; 2369.1; 25-MAY-2010 02:20:07; Bright; 39.5; 83; ; 2.38; 11000;occ; 79; 0;43043
16; 3038.3; 25-MAY-2010 02:31:17; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;43043
17; 3170.6; 25-MAY-2010 02:33:29; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;43043
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 5; -1228.8; 25-MAY-2010 03:00:45; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;43043
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 3; 820.4; 25-MAY-2010 10:17:18; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;43048
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21; 7255.7; 25-MAY-2010 17:06:21; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;43052

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1; 823.0; 25-MAY-2010 20:20:57; Dark ; 47.0; 141; Bet Ara ; 2.84; 4600;occ; 94; 0;43054
2; 992.1; 25-MAY-2010 20:23:46; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;43054
3; 1102.5; 25-MAY-2010 20:25:36; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;43054
4; 1220.2; 25-MAY-2010 20:27:34; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;43054
5; 1388.7; 25-MAY-2010 20:30:22; Dark ; 52.0; 16; 21Alp Sco ; 1.02; 3000;occ; 104; 0;43054
6; 1529.5; 25-MAY-2010 20:32:43; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;43054
7; 1737.0; 25-MAY-2010 20:36:11; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;43054
8; 1837.8; 25-MAY-2010 20:37:51; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;43054
9; 2020.5; 25-MAY-2010 20:40:54; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;43054
10; 2385.0; 25-MAY-2010 20:46:59; Bright; 40.5; 67; 5Alp CrB ; 2.22; 11000;occ; 81; 0;43054
11; 3034.5; 25-MAY-2010 20:57:48; Bright; 42.0; 119; 14Eta Dra ; 2.73; 4700;occ; 84; 0;43054
12; 3170.1; 25-MAY-2010 21:00:04; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;43054
13; 3935.7; 25-MAY-2010 21:12:49; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43054
14; 4006.8; 25-MAY-2010 21:14:00; Bright; 39.0; 68; 18Alp Cas ; 2.22; 4500;occ; 78; 0;43054
15; 4384.2; 25-MAY-2010 21:20:18; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;43054
16; 4538.4; 25-MAY-2010 21:22:52; Dark ; 49.0; 58; 21Alp And ; 2.07; 11000;occ; 98; 0;43054
17; 4811.4; 25-MAY-2010 21:27:25; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;43054

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20100525_170635_000056702089_00413_43052_1483.N1

1; 1233.7; 25-MAY-2010 17:06:35; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 28;43052
2; 1388.5; 25-MAY-2010 17:09:10; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;43052
3; 1529.3; 25-MAY-2010 17:11:31; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;43052
4; 1736.8; 25-MAY-2010 17:14:59; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;43052
5; 1838.1; 25-MAY-2010 17:16:40; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;43052
6; 2021.4; 25-MAY-2010 17:19:43; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;43052
7; 2385.8; 25-MAY-2010 17:25:48; Bright; 40.5; 67; 5Alp CrB ; 2.22; 11000;occ; 81; 0;43052
8; 3035.4; 25-MAY-2010 17:36:37; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;43052
9; 3170.3; 25-MAY-2010 17:38:52; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;43052
10; 3935.4; 25-MAY-2010 17:51:37; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43052
11; 4007.4; 25-MAY-2010 17:52:49; Bright; 39.0; 68; 18Alp Cas ; 2.22; 4500;occ; 78; 0;43052
12; 4384.2; 25-MAY-2010 17:59:06; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;43052
13; 4537.9; 25-MAY-2010 18:01:40; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;43052
14; 4810.8; 25-MAY-2010 18:06:13; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;43052
15; 5342.1; 25-MAY-2010 18:15:04; Dark ; 47.0; 52; 16Bet Cet ; 2.04; 4500;occ; 94; 0;43052
16; 5868.0; 25-MAY-2010 18:23:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43052
17; 6038.0; 25-MAY-2010 18:26:40; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;43052
18; 6141.8; 25-MAY-2010 18:28:24; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;43053
19; 6459.8; 25-MAY-2010 18:33:42; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;43053
20; 6858.6; 25-MAY-2010 18:40:20; Dark ; 45.5; 141; Bet Ara ; 2.84; 4600;occ; 91; 0;43053

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20100525_184310_000059132089_00414_43053_1484.N1

1; 992.0; 25-MAY-2010 18:43:10; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;43053
2; 1102.2; 25-MAY-2010 18:45:00; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;43053
3; 1220.3; 25-MAY-2010 18:46:58; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;43053
4; 1388.6; 25-MAY-2010 18:49:46; Dark ; 54.0; 16; 21Alp Sco ; 1.02; 3000;occ; 108; 0;43053
5; 1529.5; 25-MAY-2010 18:52:07; Bright; 44.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 88; 0;43053
6; 1737.1; 25-MAY-2010 18:55:35; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;43053

7; 1837.8; 25-MAY-2010 18:57:16; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;43053
8; 2020.8; 25-MAY-2010 19:00:19; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;43053
9; 2385.2; 25-MAY-2010 19:06:23; Bright; 40.5; 67; 5Alp CrB ; 2.22; 11000;occ; 81; 0;43053
10; 3034.8; 25-MAY-2010 19:17:13; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;43053
11; 3170.1; 25-MAY-2010 19:19:28; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;43053
12; 3935.5; 25-MAY-2010 19:32:13; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43053
13; 4007.0; 25-MAY-2010 19:33:25; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;43053
14; 4384.7; 25-MAY-2010 19:39:42; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;43053
15; 4538.1; 25-MAY-2010 19:42:16; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;43053
16; 4811.2; 25-MAY-2010 19:46:49; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;43053
17; 5342.1; 25-MAY-2010 19:55:40; Dark ; 47.0; 52; 16Bet Cet ; 2.04; 4500;occ; 94; 0;43053
18; 5868.5; 25-MAY-2010 20:04:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43053
19; 6038.5; 25-MAY-2010 20:07:16; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;43053
20; 6142.8; 25-MAY-2010 20:09:01; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;43054
21; 6460.1; 25-MAY-2010 20:14:18; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43054
22; 6859.0; 25-MAY-2010 20:20:57; Dark ; 46.5; 141; Bet Ara ; 2.84; 4600;occ; 93; 0;43054

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1; -692.3; 26-MAY-2010 00:57:29; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;43056
2; -165.8; 26-MAY-2010 01:06:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43056
3; 4.9; 26-MAY-2010 01:09:06; Dark ; 43.5; 63; Bet Gru ; 2.15; 2800;occ; 87; 0;43056
4; 109.2; 26-MAY-2010 01:10:50; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;43057
5; 426.4; 26-MAY-2010 01:16:08; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;43057
6; 824.2; 26-MAY-2010 01:22:46; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;43057
7; 993.8; 26-MAY-2010 01:25:35; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;43057
8; 1103.7; 26-MAY-2010 01:27:25; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;43057
9; 1221.6; 26-MAY-2010 01:29:23; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;43057
10; 1349.8; 26-MAY-2010 01:31:31; Dark ; 44.5; 136; 23Tau Sco ; 2.82; 30000;occ; 89; 0;43057
11; 1530.1; 26-MAY-2010 01:34:31; Bright; 39.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 79; 0;43057
12; 1737.4; 26-MAY-2010 01:37:59; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;43057
13; 1837.4; 26-MAY-2010 01:39:39; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;43057
14; 2020.5; 26-MAY-2010 01:42:42; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;43057
15; 2384.3; 26-MAY-2010 01:48:46; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;43057
16; 3033.3; 26-MAY-2010 01:59:35; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;43057
17; 3169.6; 26-MAY-2010 02:01:51; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;43057
18; 3935.2; 26-MAY-2010 02:14:36; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43057
19; 4006.7; 26-MAY-2010 02:15:48; Bright; 54.5; 68; 18Alp Cas ; 2.22; 4500;occ; 109; 0;43057
20; 4384.6; 26-MAY-2010 02:22:06; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;43057
21; 4538.9; 26-MAY-2010 02:24:40; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;43057
22; 4812.8; 26-MAY-2010 02:29:14; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;43057
23; 5344.0; 26-MAY-2010 02:38:05; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;43057
24; 5870.7; 26-MAY-2010 02:46:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43057
25; 6041.5; 26-MAY-2010 02:49:43; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;43057
26; 6145.7; 26-MAY-2010 02:51:27; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;43058
27; 6462.9; 26-MAY-2010 02:56:44; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43058
28; 6860.4; 26-MAY-2010 03:03:22; Dark ; 46.0; 141; Bet Ara ; 2.84; 4600;occ; 92; 0;43058
29; 7030.3; 26-MAY-2010 03:06:12; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;43058
30; 7140.2; 26-MAY-2010 03:08:02; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;43058
31; 7258.1; 26-MAY-2010 03:09:59; Dark ; 46.0; 75; 26Eps Sco ; 2.29; 4250;occ; 92; 0;43058
32; 7386.2; 26-MAY-2010 03:12:07; Dark ; 48.0; 136; 23Tau Sco ; 2.82; 30000;occ; 96; 0;43058
33; 7566.0; 26-MAY-2010 03:15:07; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;43058
34; 7773.2; 26-MAY-2010 03:18:35; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;43058
35; 8056.2; 26-MAY-2010 03:23:17; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;43058
36; 8419.9; 26-MAY-2010 03:29:21; Bright; 41.0; 67; 5Alp CrB ; 2.22; 11000;occ; 82; 0;43058

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1; 824.2; 26-MAY-2010 01:22:46; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;43057
2; 993.8; 26-MAY-2010 01:25:35; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;43057
3; 1103.7; 26-MAY-2010 01:27:25; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;43057
4; 1221.6; 26-MAY-2010 01:29:23; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;43057
5; 1349.8; 26-MAY-2010 01:31:31; Dark ; 44.5; 136; 23Tau Sco ; 2.82; 30000;occ; 89; 0;43057
6; 1530.1; 26-MAY-2010 01:34:31; Bright; 39.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 79; 0;43057
7; 1737.4; 26-MAY-2010 01:37:59; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;43057
8; 1837.4; 26-MAY-2010 01:39:39; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;43057
9; 2020.5; 26-MAY-2010 01:42:42; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;43057
10; 2384.3; 26-MAY-2010 01:48:46; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;43057
11; 3033.3; 26-MAY-2010 01:59:35; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;43057
12; 3169.6; 26-MAY-2010 02:01:51; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;43057
13; 3935.2; 26-MAY-2010 02:14:36; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43057
14; 4006.7; 26-MAY-2010 02:15:48; Bright; 54.5; 68; 18Alp Cas ; 2.22; 4500;occ; 109; 0;43057

15; 4384.6; 26-MAY-2010 02:22:06; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;43057
 16; 4538.9; 26-MAY-2010 02:24:40; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;43057
 17; 4812.8; 26-MAY-2010 02:29:14; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;43057
 18; 5344.0; 26-MAY-2010 02:38:05; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;43057
 19; 5870.7; 26-MAY-2010 02:46:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43057
 20; 6041.5; 26-MAY-2010 02:49:43; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;43057
 21; 6145.7; 26-MAY-2010 02:51:27; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;43058
 22; 6462.9; 26-MAY-2010 02:56:44; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43058
 23; 6860.4; 26-MAY-2010 03:03:22; Dark ; 46.0; 141; Bet Ara ; 2.84; 4600;occ; 92; 0;43058
 24; 7030.3; 26-MAY-2010 03:06:12; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;43058
 25; 7140.2; 26-MAY-2010 03:08:02; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;43058
 26; 7258.1; 26-MAY-2010 03:09:59; Dark ; 46.0; 75; 26Eps Sco ; 2.29; 4250;occ; 92; 0;43058
 27; 7386.2; 26-MAY-2010 03:12:07; Dark ; 48.0; 136; 23Tau Sco ; 2.82; 30000;occ; 96; 0;43058
 28; 7566.0; 26-MAY-2010 03:15:07; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;43058
 29; 7773.2; 26-MAY-2010 03:18:35; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;43058
 30; 8056.2; 26-MAY-2010 03:23:17; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;43058
 31; 8419.9; 26-MAY-2010 03:29:21; Bright; 11.5; 67; 5Alp CrB ; 2.22; 11000;occ; 23; 0;43058

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1;-3002.9; 26-MAY-2010 03:40:10; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;43058
 2;-2866.3; 26-MAY-2010 03:42:27; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;43058
 3;-2100.6; 26-MAY-2010 03:55:13; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43058
 4;-2029.2; 26-MAY-2010 03:56:24; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;43058
 5;-1651.2; 26-MAY-2010 04:02:42; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;43058
 6;-1497.0; 26-MAY-2010 04:05:16; Dark ; 52.5; 58; 21Alp And ; 2.07; 11000;occ; 105; 0;43058
 7;-1222.9; 26-MAY-2010 04:09:50; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;43058
 8; -691.4; 26-MAY-2010 04:18:42; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;43058
 9; -164.6; 26-MAY-2010 04:27:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43058
 10; 6.5; 26-MAY-2010 04:30:20; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;43058
 11; 111.0; 26-MAY-2010 04:32:04; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;43059
 12; 427.8; 26-MAY-2010 04:37:21; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;43059
 13; 825.3; 26-MAY-2010 04:43:59; Dark ; 45.0; 141; Bet Ara ; 2.84; 4600;occ; 90; 0;43059
 14; 994.9; 26-MAY-2010 04:46:48; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;43059
 15; 1105.0; 26-MAY-2010 04:48:38; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;43059
 16; 1222.4; 26-MAY-2010 04:50:36; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;43059
 17; 1350.7; 26-MAY-2010 04:52:44; Dark ; 44.0; 136; 23Tau Sco ; 2.82; 30000;occ; 88; 0;43059
 18; 1530.4; 26-MAY-2010 04:55:44; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;43059
 19; 1737.3; 26-MAY-2010 04:59:11; Bright; 39.0; 104; 27Bet Lib ; 2.61; 13100;occ; 78; 0;43059
 20; 2020.3; 26-MAY-2010 05:03:53; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;43059
 21; 2384.0; 26-MAY-2010 05:09:57; Bright; 39.5; 67; 5Alp CrB ; 2.22; 11000;occ; 79; 0;43059
 22; 3032.8; 26-MAY-2010 05:20:46; Bright; 42.0; 119; 14Eta Dra ; 2.73; 4700;occ; 84; 0;43059
 23; 3169.7; 26-MAY-2010 05:23:03; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;43059

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1;-2100.8; 26-MAY-2010 05:35:48; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43059
 2;-2029.2; 26-MAY-2010 05:37:00; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;43059
 3;-1651.1; 26-MAY-2010 05:43:18; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;43059
 4;-1496.7; 26-MAY-2010 05:45:52; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;43059
 5;-1222.6; 26-MAY-2010 05:50:27; Dark ; 49.0; 140; 88Gam Peg ; 2.83; 26000;occ; 98; 0;43059
 6; -690.9; 26-MAY-2010 05:59:18; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;43059
 7; -164.0; 26-MAY-2010 06:08:05; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43059
 8; 7.2; 26-MAY-2010 06:10:56; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;43059
 9; 111.4; 26-MAY-2010 06:12:41; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;43060
 10; 428.5; 26-MAY-2010 06:17:58; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43060
 11; 825.5; 26-MAY-2010 06:24:35; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;43060
 12; 995.3; 26-MAY-2010 06:27:25; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;43060
 13; 1105.3; 26-MAY-2010 06:29:15; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;43060
 14; 1222.5; 26-MAY-2010 06:31:12; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;43060
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 16; 1530.5; 26-MAY-2010 06:36:20; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;43060
 17; 1737.3; 26-MAY-2010 06:39:46; Bright; 9.0; 104; 27Bet Lib ; 2.61; 13100;occ; 18; 0;43060
 18; 2020.4; 26-MAY-2010 06:44:30; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;43060
 19; 2383.6; 26-MAY-2010 06:50:33; Bright; 57.0; 67; 5Alp CrB ; 2.22; 11000;occ; 114; 0;43060
 20; 3032.3; 26-MAY-2010 07:01:22; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;43060
 21; 3169.7; 26-MAY-2010 07:03:39; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;43060

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 4;-1496.7; 26-MAY-2010 07:26:28; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;43060

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7; -163.4; 26-MAY-2010 07:48:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43060
8; 7.9; 26-MAY-2010 07:51:33; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;43060
9; 112.6; 26-MAY-2010 07:53:18; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;43061
10; 429.3; 26-MAY-2010 07:58:34; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43061
11; 826.2; 26-MAY-2010 08:05:11; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;43061
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15; 1351.3; 26-MAY-2010 08:13:56; Dark ; 45.5; 136; 23Tau Sco ; 2.82; 30000;occ; 91; 0;43061
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3; 2383.4; 26-MAY-2010 08:31:08; Bright; 39.5; 67; 5Alp CrB ; 2.22; 11000;occ; 79; 0;43061
4; 3031.8; 26-MAY-2010 08:41:57; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;43061
5; 3169.2; 26-MAY-2010 08:44:14; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;43061
6; 3935.0; 26-MAY-2010 08:57:00; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43061
7; 4006.9; 26-MAY-2010 08:58:12; Bright; 56.0; 68; 18Alp Cas ; 2.22; 4500;occ; 112; 0;43061
8; 4385.3; 26-MAY-2010 09:04:30; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;43061
9; 4539.4; 26-MAY-2010 09:07:05; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;43061
10; 4814.2; 26-MAY-2010 09:11:39; Dark ; 47.5; 140; 88Gam Peg ; 2.83; 26000;occ; 95; 0;43061
11; 5345.8; 26-MAY-2010 09:20:31; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;43061
12; 5873.0; 26-MAY-2010 09:29:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43061
13; 6044.6; 26-MAY-2010 09:32:10; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;43061
14; 6149.5; 26-MAY-2010 09:33:55; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;43062
15; 6465.7; 26-MAY-2010 09:39:11; Dark ; 43.5; 45; Alp Pav ; 1.94; 26000;occ; 87; 0;43062
16; 6862.3; 26-MAY-2010 09:45:47; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;43062
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18; 7142.3; 26-MAY-2010 09:50:27; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;43062
19; 7259.2; 26-MAY-2010 09:52:24; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;43062
20; 7387.3; 26-MAY-2010 09:54:32; Dark ; 46.0; 136; 23Tau Sco ; 2.82; 30000;occ; 92; 0;43062
21; 7566.8; 26-MAY-2010 09:57:32; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;43062
22; 7773.7; 26-MAY-2010 10:00:59; Bright; 27.0; 104; 27Bet Lib ; 2.61; 13100;occ; 54; 0;43062
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3; 2383.1; 26-MAY-2010 10:11:44; Bright; 41.0; 67; 5Alp CrB ; 2.22; 11000;occ; 82; 0;43062
4; 3031.4; 26-MAY-2010 10:22:32; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;43062
5; 3169.5; 26-MAY-2010 10:24:51; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;43062
6; 3935.0; 26-MAY-2010 10:37:36; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43062
7; 4006.3; 26-MAY-2010 10:38:47; Bright; 39.5; 68; 18Alp Cas ; 2.22; 4500;occ; 79; 0;43062
8; 4385.1; 26-MAY-2010 10:45:06; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;43062
9; 4539.4; 26-MAY-2010 10:47:40; Dark ; 50.0; 58; 21Alp And ; 2.07; 11000;occ; 100; 0;43062
10; 4814.5; 26-MAY-2010 10:52:16; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;43062
11; 5346.2; 26-MAY-2010 11:01:07; Dark ; 41.0; 52; 16Bet Cet ; 2.04; 4500;occ; 82; 0;43062
12; 5873.6; 26-MAY-2010 11:09:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43062
13; 6045.4; 26-MAY-2010 11:12:46; Dark ; 60.0; 63; Bet Gru ; 2.15; 2800;occ; 120; 0;43063
14; 6150.3; 26-MAY-2010 11:14:31; Dark ; 50.5; 31; Alp Gru ; 1.73; 15200;occ; 101; 0;43063
15; 6466.5; 26-MAY-2010 11:19:48; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43063
16; 6862.5; 26-MAY-2010 11:26:24; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;43063
17; 7032.5; 26-MAY-2010 11:29:14; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;43063
18; 7142.7; 26-MAY-2010 11:31:04; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;43063
19; 7259.5; 26-MAY-2010 11:33:01; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;43063
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21; 7566.7; 26-MAY-2010 11:38:08; Bright; 40.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 80; 0;43063
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3; 2382.7; 26-MAY-2010 11:52:20; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;43063
4; 3031.1; 26-MAY-2010 12:03:08; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;43063
5; 3169.1; 26-MAY-2010 12:05:26; Bright; 53.0; 60; 7Bet UMi ; 2.08; 3950;occ; 106; 0;43063
6; 3935.0; 26-MAY-2010 12:18:12; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;43063
7; 4006.5; 26-MAY-2010 12:19:23; Bright; 39.0; 68; 18Alp Cas ; 2.22; 4500;occ; 78; 0;43063
8; 4385.7; 26-MAY-2010 12:25:43; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;43063
9; 4540.3; 26-MAY-2010 12:28:17; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;43063
10; 4815.9; 26-MAY-2010 12:32:53; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;43063

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 13; 6046.3; 26-MAY-2010 12:53:23; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;43064
 14; 6151.7; 26-MAY-2010 12:55:09; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;43064
 15; 6467.5; 26-MAY-2010 13:00:24; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;43064
 16; 6863.6; 26-MAY-2010 13:07:00; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;43064
 17; 7033.8; 26-MAY-2010 13:09:51; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;43064
 18; 7143.7; 26-MAY-2010 13:11:41; Dark ; 47.0; 25; 35Lam Sco ; 1.62; 28000;occ; 94; 0;43064
 19; 7260.5; 26-MAY-2010 13:13:37; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;43064
 20; 7388.4; 26-MAY-2010 13:15:45; Dark ; 44.0; 136; 23Tau Sco ; 2.82; 30000;occ; 88; 0;43064
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 3; 1837.4; 26-MAY-2010 13:23:50; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;43064
 4; 2020.5; 26-MAY-2010 13:26:53; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;43064
 5; 2383.8; 26-MAY-2010 13:32:57; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;43064
 6; 3031.7; 26-MAY-2010 13:43:44; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;43064
 7; 3170.3; 26-MAY-2010 13:46:03; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;43064
 8; 3935.8; 26-MAY-2010 13:58:49; Bright; 39.0; 76; 27Gam Cas ; 2.30; 30000;occ; 78; 0;43064
 9; 4007.3; 26-MAY-2010 14:00:00; Bright; 45.0; 68; 18Alp Cas ; 2.22; 4500;occ; 90; 0;43064
 10; 4386.4; 26-MAY-2010 14:06:19; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;43064
 11; 4541.2; 26-MAY-2010 14:08:54; Dark ; 49.5; 58; 21Alp And ; 2.07; 11000;occ; 99; 0;43064
 12; 4816.3; 26-MAY-2010 14:13:29; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;43064
 13; 5348.2; 26-MAY-2010 14:22:21; Dark ; 46.0; 52; 16Bet Cet ; 2.04; 4500;occ; 92; 0;43064
 14; 5874.8; 26-MAY-2010 14:31:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43064
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 16; 6152.6; 26-MAY-2010 14:35:45; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;43065
 17; 6468.7; 26-MAY-2010 14:41:01; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;43065
 18; 6864.1; 26-MAY-2010 14:47:37; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;43065
 19; 7034.5; 26-MAY-2010 14:50:27; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;43065
 20; 7144.3; 26-MAY-2010 14:52:17; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;43065
 21; 7260.8; 26-MAY-2010 14:54:14; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;43065
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 5; 1352.8; 26-MAY-2010 19:58:09; Dark ; 44.0; 136; 23Tau Sco ; 2.82; 30000;occ; 88; 0;43068
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 11; 3029.0; 26-MAY-2010 20:26:06; Bright; 43.5; 119; 14Eta Dra ; 2.73; 4700;occ; 87; 0;43068
 12; 3169.0; 26-MAY-2010 20:28:26; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;43068
 13; 3934.6; 26-MAY-2010 20:41:11; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;43068
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 16; 4817.2; 26-MAY-2010 20:55:54; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;43068

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 12; 1738.3; 26-MAY-2010 21:45:11; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;43069
 13; 1836.3; 26-MAY-2010 21:46:49; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;43069
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 16; 3028.7; 26-MAY-2010 22:06:41; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;43069


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19; 4385.8; 26-MAY-2010 22:29:18; Bright; 40.5; 53; 43Bet And ; 2.05; 3300;occ; 81; 0;43069
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 4; 120.2; 26-MAY-2010 22:58:49; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;43070
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