

GOMOS Daily Report 23-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	26MAY2010 04:50:36
Data source version	GOMOS/5.00L04
Start time of products	23MAY2010 00:02:11
Stop time of products	23MAY2010 23:57:52
Store outputs in DB	Yes
Nb of level 1b prods	137
Nb of prods with errors	0

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

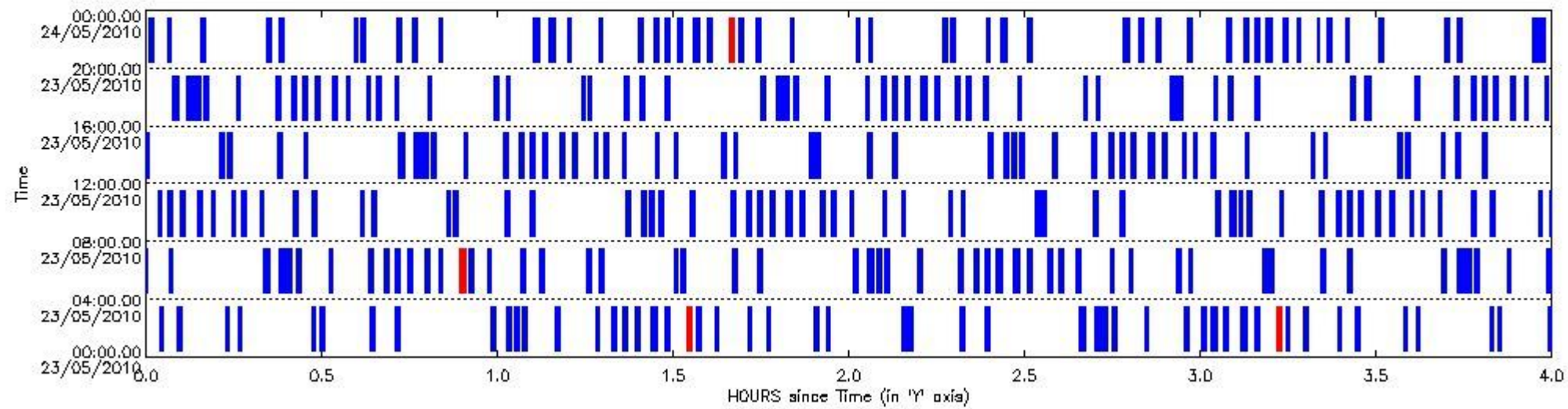
2.1 Level 0 products arrived in PCF (see template [here](#))

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
23-MAY-2010 01:32:19	27BetLib	104	43014
23-MAY-2010 03:12:55	27BetLib	104	43015
23-MAY-2010 04:53:31	27BetLib	104	43016
23-MAY-2010 21:39:31	27BetLib	104	43026

2.4 Summary of processed GOM_TRA_1P products

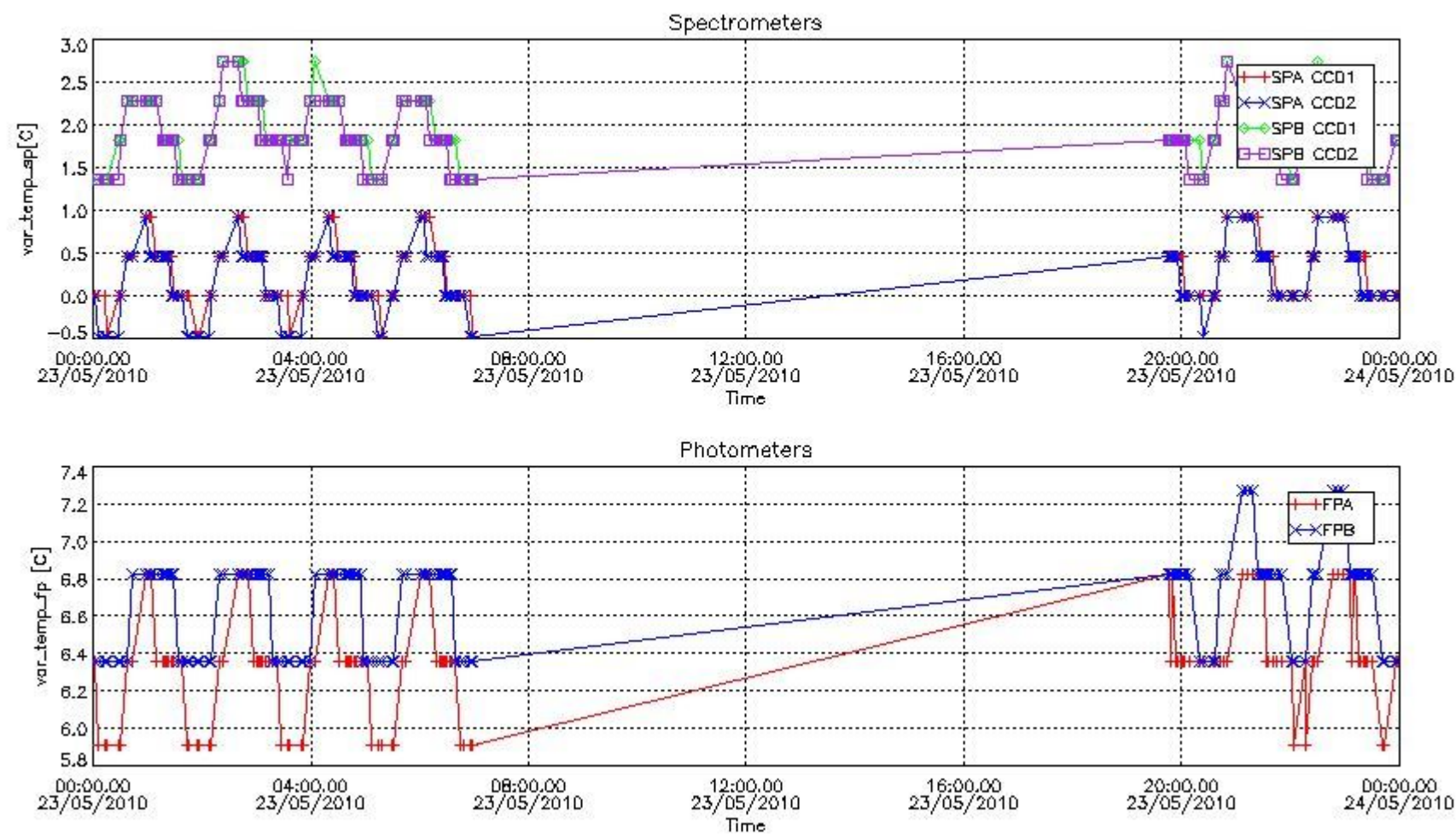
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100523_000211_000000372089_00374_43013_3408.N1	23-MAY-2010 00:02:11	Bright	37.000	83		2.3780	11000.	74	43013	No
2	GOM_TRA_1PNPDE20100523_000521_000000372089_00374_43013_3409.N1	23-MAY-2010 00:05:21	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	43013	No
3	GOM_TRA_1PNPDE20100523_001330_000000432089_00374_43013_3410.N1	23-MAY-2010 00:13:30	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	43013	No
4	GOM_TRA_1PNPDE20100523_001534_000000392089_00374_43013_3411.N1	23-MAY-2010 00:15:34	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	43013	No
5	GOM_TRA_1PNPDE20100523_002818_000000382089_00374_43013_3412.N1	23-MAY-2010 00:28:18	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43013	No
6	GOM_TRA_1PNPDE20100523_002930_000000552089_00374_43013_3413.N1	23-MAY-2010 00:29:30	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43013	No
7	GOM_TRA_1PNPDE20100523_003811_000000512089_00374_43013_3414.N1	23-MAY-2010 00:38:11	Tw_i_and_stray	51.000	58	21Alp And	2.0730	11000.	102	43013	No

8	GOM_TRA_1PNPDE20100523_004236_000000472089_00374_43013_3415.N1	23-MAY-2010 00:42:36	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43013	No
9	GOM_TRA_1PNPDE20100523_005848_000000512089_00374_43013_3433.N1	23-MAY-2010 00:58:48	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	43013	No
10	GOM_TRA_1PNPDE20100523_010249_000000492089_00374_43013_3434.N1	23-MAY-2010 01:02:49	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43013	No
11	GOM_TRA_1PNPDE20100523_010417_000000492089_00375_43014_3435.N1	23-MAY-2010 01:04:17	Dark	48.500	172	Gam Gru	3.0030	13100.	97	43014	No
12	GOM_TRA_1PNPDE20100523_010952_000000452089_00375_43014_3436.N1	23-MAY-2010 01:09:52	Dark	44.500	45	Alp Pav	1.9400	26000.	89	43014	No
13	GOM_TRA_1PNPDE20100523_011642_000000432089_00375_43014_3437.N1	23-MAY-2010 01:16:42	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	43014	No
14	GOM_TRA_1PNPDE20100523_011927_000000472089_00375_43014_3438.N1	23-MAY-2010 01:19:27	Straylight	46.500	40	The Sco	1.8590	7100.0	93	43014	No
15	GOM_TRA_1PNPDE20100523_012118_000000492089_00375_43014_3439.N1	23-MAY-2010 01:21:18	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43014	No
16	GOM_TRA_1PNPDE20100523_012322_000000502089_00375_43014_3440.N1	23-MAY-2010 01:23:22	Tw_i_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	43014	No
17	GOM_TRA_1PNPDE20100523_012615_000000532089_00375_43014_3441.N1	23-MAY-2010 01:26:15	Bright	52.500	16	21Alp Sco	1.0200	3000.0	105	43014	No
18	GOM_TRA_1PNPDE20100523_012839_000000442089_00375_43014_3442.N1	23-MAY-2010 01:28:39	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	43014	No
19	GOM_TRA_1PNPDE20100523_013358_000000452089_00375_43014_3443.N1	23-MAY-2010 01:33:58	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43014	No
20	GOM_TRA_1PNPDE20100523_013703_000000402089_00375_43014_3444.N1	23-MAY-2010 01:37:03	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43014	No
21	GOM_TRA_1PNPDE20100523_014247_000000382089_00375_43014_3445.N1	23-MAY-2010 01:42:47	Bright	38.000	83		2.3780	11000.	76	43014	No
22	GOM_TRA_1PNPDE20100523_014557_000000382089_00375_43014_3446.N1	23-MAY-2010 01:45:57	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	43014	No
23	GOM_TRA_1PNPDE20100523_015406_000000412089_00375_43014_3447.N1	23-MAY-2010 01:54:06	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43014	No
24	GOM_TRA_1PNPDE20100523_015609_000000402089_00375_43014_3448.N1	23-MAY-2010 01:56:09	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	43014	No
25	GOM_TRA_1PNPDE20100523_020854_000000542089_00375_43014_3449.N1	23-MAY-2010 02:08:54	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43014	No
26	GOM_TRA_1PNPDE20100523_021006_000000552089_00375_43014_3450.N1	23-MAY-2010 02:10:06	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43014	No
27	GOM_TRA_1PNPDE20100523_021848_000000502089_00375_43014_3451.N1	23-MAY-2010 02:18:48	Tw_i_and_stray	50.000	58	21Alp And	2.0730	11000.	100	43014	No
28	GOM_TRA_1PNPDE20100523_022313_000000472089_00375_43014_3452.N1	23-MAY-2010 02:23:13	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	43014	No
29	GOM_TRA_1PNPDE20100523_023924_000000582089_00375_43014_3453.N1	23-MAY-2010 02:39:24	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	43014	No
30	GOM_TRA_1PNPDE20100523_024325_000000452089_00375_43014_3454.N1	23-MAY-2010 02:43:25	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	43014	No
31	GOM_TRA_1PNPDE20100523_024454_000000492089_00376_43015_3455.N1	23-MAY-2010 02:44:54	Dark	49.000	172	Gam Gru	3.0030	13100.	98	43015	No
32	GOM_TRA_1PNPDE20100523_025029_000000432089_00376_43015_3456.N1	23-MAY-2010 02:50:29	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43015	No
33	GOM_TRA_1PNPDE20100523_025718_000000452089_00376_43015_3457.N1	23-MAY-2010 02:57:18	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	43015	No
34	GOM_TRA_1PNPDE20100523_030004_000000492089_00376_43015_3458.N1	23-MAY-2010 03:00:04	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43015	No
35	GOM_TRA_1PNPDE20100523_030155_000000502089_00376_43015_3459.N1	23-MAY-2010 03:01:55	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43015	No
36	GOM_TRA_1PNPDE20100523_030358_000000492089_00376_43015_3460.N1	23-MAY-2010 03:03:58	Tw_i_and_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	43015	No
37	GOM_TRA_1PNPDE20100523_030651_000000612089_00376_43015_3461.N1	23-MAY-2010 03:06:51	Bright	61.000	16	21Alp Sco	1.0200	3000.0	122	43015	No
38	GOM_TRA_1PNPDE20100523_030916_000000422089_00376_43015_3462.N1	23-MAY-2010 03:09:16	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	43015	No
39	GOM_TRA_1PNPDE20100523_031434_000000452089_00376_43015_3463.N1	23-MAY-2010 03:14:34	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43015	No
40	GOM_TRA_1PNPDE20100523_031739_000000402089_00376_43015_3464.N1	23-MAY-2010 03:17:39	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43015	No
41	GOM_TRA_1PNPDE20100523_032323_000000392089_00376_43015_3465.N1	23-MAY-2010 03:23:23	Bright	38.500	83		2.3780	11000.	77	43015	No
42	GOM_TRA_1PNPDE20100523_032633_000000412089_00376_43015_3466.N1	23-MAY-2010 03:26:33	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	43015	No
43	GOM_TRA_1PNPDE20100523_033441_000000392089_00376_43015_3463.N1	23-MAY-2010 03:34:41	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	43015	No
44	GOM_TRA_1PNPDE20100523_033645_000000362089_00376_43015_3464.N1	23-MAY-2010 03:36:45	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	43015	No
45	GOM_TRA_1PNPDE20100523_034929_000000362089_00376_43015_3465.N1	23-MAY-2010 03:49:29	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	43015	No
46	GOM_TRA_1PNPDE20100523_035041_000000372089_00376_43015_3466.N1	23-MAY-2010 03:50:41	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	43015	No
47	GOM_TRA_1PNPDE20100523_035924_000000492089_00376_43015_3467.N1	23-MAY-2010 03:59:24	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	43015	No
48	GOM_TRA_1PNPDE20100523_040349_000000452089_00376_43015_3468.N1	23-MAY-2010 04:03:49	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	43015	No
49	GOM_TRA_1PNPDE20100523_042001_000000552089_00376_43015_3469.N1	23-MAY-2010 04:20:01	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	43015	No
50	GOM_TRA_1PNPDE20100523_042402_000000482089_00376_43015_3470.N1	23-MAY-2010 04:24:02	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	43015	No
51	GOM_TRA_1PNPDE20100523_042531_000000492089_00377_43016_3471.N1	23-MAY-2010 04:25:31	Dark	49.000	172	Gam Gru	3.0030	13100.	98	43016	No
52	GOM_TRA_1PNPDE20100523_043106_000000422089_00377_43016_3472.N1	23-MAY-2010 04:31:06	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43016	No
53	GOM_TRA_1PNPDE20100523_043755_000000482089_00377_43016_3473.N1	23-MAY-2010 04:37:55	Straylight	48.000	141	Bet Ara	2.8400	4600.0	96	43016	No
54	GOM_TRA_1PNPDE20100523_044041_000000482089_00377_43016_3474.N1	23-MAY-2010 04:40:41	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43016	No
55	GOM_TRA_1PNPDE20100523_044231_000000502089_00377_43016_3475.N1	23-MAY-2010 04:42:31	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	43016	No
56	GOM_TRA_1PNPDE20100523_044435_000000492089_00377_43016_3476.N1	23-MAY-2010 04:44:35	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	43016	No
57	GOM_TRA_1PNPDE20100523_044728_000000602089_00377_43016_3477.N1	23-MAY-2010 04:47:28	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43016	No
58	GOM_TRA_1PNPDE20100523_044952_000000472089_00377_43016_3478.N1	23-MAY-2010 04:49:52	Bright	46.500	97	8Bet1Sco	2.5610	30000.	93	43016	No
59	GOM_TRA_1PNPDE20100523_045509_000000452089_00377_43016_3479.N1	23-MAY-2010 04:55:09	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43016	No
60	GOM_TRA_1PNPDE20100523_045814_000000412089_00377_43016_3480.N1	23-MAY-2010 04:58:14	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	43016	No
61	GOM_TRA_1PNPDE20100523_050359_000000392089_00377_43016_3481.N1	23-MAY-2010 05:03:59	Bright	39.000	83		2.3780	11000.	78	43016	No
62	GOM_TRA_1PNPDE20100523_050709_000000502089_00377_43016_3482.N1	23-MAY-2010 05:07:09	Bright	49.500	180	27Gam Boo	3.0400	8000.0	99	43016	No
63	GOM_TRA_1PNPDE20100523_051517_000000432089_00377_43016_3483.N1	23-MAY-2010 05:15:17	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	43016	No
64	GOM_TRA_1PNPDE20100523_051721_000000382089_00377_43016_3484.N1	23-MAY-2010 05:17:21	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	43016	No
65	GOM_TRA_1PNPDE20100523_053005_000000412089_00377_43016_3486.N1	23-MAY-2010 05:30:05	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	43016	No
66	GOM_TRA_1PNPDE20100523_053118_000000392089_00377_43016_3487.N1	23-MAY-2010 05:31:18	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	43016	No

67	GOM_TRA_1PNPDE20100523_054000_000000462089_00377_43016_3488.N1	23-MAY-2010 05:40:00	Twilight	45.500	58	21Alp And	2.0730	11000.	91	43016	No
68	GOM_TRA_1PNPDE20100523_054425_000000462089_00377_43016_3489.N1	23-MAY-2010 05:44:25	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	43016	No
69	GOM_TRA_1PNPDE20100523_060038_000000522089_00377_43016_3490.N1	23-MAY-2010 06:00:38	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	43016	No
70	GOM_TRA_1PNPDE20100523_060439_000000592089_00377_43016_3491.N1	23-MAY-2010 06:04:39	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	43016	No
71	GOM_TRA_1PNPDE20100523_060608_000000502089_00378_43017_3492.N1	23-MAY-2010 06:06:08	Dark	49.500	172	Gam Gru	3.0030	13100.	99	43017	No
72	GOM_TRA_1PNPDE20100523_061143_000000412089_00378_43017_3493.N1	23-MAY-2010 06:11:43	Dark	40.500	45	Alp Pav	1.9400	26000.	81	43017	No
73	GOM_TRA_1PNPDE20100523_061831_000000492089_00378_43017_3494.N1	23-MAY-2010 06:18:31	Straylight	48.500	141	Bet Ara	2.8400	4600.0	97	43017	No
74	GOM_TRA_1PNPDE20100523_062117_000000502089_00378_43017_3495.N1	23-MAY-2010 06:21:17	Straylight	50.000	40	The Sco	1.8590	7100.0	100	43017	No
75	GOM_TRA_1PNPDE20100523_062308_000000502089_00378_43017_3496.N1	23-MAY-2010 06:23:08	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	43017	No
76	GOM_TRA_1PNPDE20100523_062511_000000512089_00378_43017_3497.N1	23-MAY-2010 06:25:11	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	43017	No
77	GOM_TRA_1PNPDE20100523_062804_000000602089_00378_43017_3498.N1	23-MAY-2010 06:28:04	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43017	No
78	GOM_TRA_1PNPDE20100523_063028_000000422089_00378_43017_3499.N1	23-MAY-2010 06:30:28	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	43017	No
79	GOM_TRA_1PNPDE20100523_063358_000000382089_00378_43017_3500.N1	23-MAY-2010 06:33:58	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	43017	No
80	GOM_TRA_1PNPDE20100523_063545_000000442089_00378_43017_3501.N1	23-MAY-2010 06:35:45	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43017	No
81	GOM_TRA_1PNPDE20100523_063850_000000402089_00378_43017_3502.N1	23-MAY-2010 06:38:50	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43017	No
82	GOM_TRA_1PNPDE20100523_064435_000000392089_00378_43017_3503.N1	23-MAY-2010 06:44:35	Bright	39.000	83		2.3780	11000.	78	43017	No
83	GOM_TRA_1PNPDE20100523_064745_000000362089_00378_43017_3504.N1	23-MAY-2010 06:47:45	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	43017	No
84	GOM_TRA_1PNPDE20100523_065553_000000422089_00378_43017_3505.N1	23-MAY-2010 06:55:53	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	43017	No
85	GOM_TRA_1PNPDE20100523_065757_000000382089_00378_43017_3506.N1	23-MAY-2010 06:57:57	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	43017	No
86	GOM_TRA_1PNPDE20100523_194609_000000532089_00386_43025_3594.N1	23-MAY-2010 19:46:09	Straylight	52.500	40	The Sco	1.8590	7100.0	105	43025	No
87	GOM_TRA_1PNPDE20100523_194800_000000542089_00386_43025_3595.N1	23-MAY-2010 19:48:00	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	43025	No
88	GOM_TRA_1PNPDE20100523_195001_000000502089_00386_43025_3596.N1	23-MAY-2010 19:50:01	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	43025	No
89	GOM_TRA_1PNPDE20100523_195253_000000602089_00386_43025_3597.N1	23-MAY-2010 19:52:53	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43025	No
90	GOM_TRA_1PNPDE20100523_195517_000000452089_00386_43025_3598.N1	23-MAY-2010 19:55:17	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	43025	No
91	GOM_TRA_1PNPDE20100523_195846_000000392089_00386_43025_3599.N1	23-MAY-2010 19:58:46	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43025	No
92	GOM_TRA_1PNPDE20100523_200032_000000442089_00386_43025_3600.N1	23-MAY-2010 20:00:32	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43025	No
93	GOM_TRA_1PNPDE20100523_200336_000000402089_00386_43025_3601.N1	23-MAY-2010 20:03:36	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43025	No
94	GOM_TRA_1PNPDE20100523_200922_000000412089_00386_43025_3602.N1	23-MAY-2010 20:09:22	Bright	40.500	83		2.3780	11000.	81	43025	No
95	GOM_TRA_1PNPDE20100523_202037_000000432089_00386_43025_3603.N1	23-MAY-2010 20:20:37	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	43025	No
96	GOM_TRA_1PNPDE20100523_202244_000000372089_00386_43025_3604.N1	23-MAY-2010 20:22:44	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	43025	No
97	GOM_TRA_1PNPDE20100523_203528_000000412089_00386_43025_3605.N1	23-MAY-2010 20:35:28	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	43025	No
98	GOM_TRA_1PNPDE20100523_203641_000000372089_00386_43025_3606.N1	23-MAY-2010 20:36:41	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	43025	No
99	GOM_TRA_1PNPDE20100523_204252_000000392089_00386_43025_3607.N1	23-MAY-2010 20:42:52	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43025	No
100	GOM_TRA_1PNPDE20100523_204525_000000492089_00386_43025_3608.N1	23-MAY-2010 20:45:25	Twilight	48.500	58	21Alp And	2.0730	11000.	97	43025	No
101	GOM_TRA_1PNPDE20100523_204952_000000462089_00386_43025_3609.N1	23-MAY-2010 20:49:52	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	43025	No
102	GOM_TRA_1PNPDE20100523_210611_000000532089_00386_43025_3614.N1	23-MAY-2010 21:06:11	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	43025	No
103	GOM_TRA_1PNPDE20100523_211150_000000462089_00387_43026_3615.N1	23-MAY-2010 21:11:50	Dark	46.000	31	Alp Gru	1.7340	15200.	92	43026	No
104	GOM_TRA_1PNPDE20100523_211713_000000432089_00387_43026_3616.N1	23-MAY-2010 21:17:13	Dark	43.000	45	Alp Pav	1.9400	26000.	86	43026	No
105	GOM_TRA_1PNPDE20100523_212358_000000472089_00387_43026_3617.N1	23-MAY-2010 21:23:58	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	43026	No
106	GOM_TRA_1PNPDE20100523_212645_000000492089_00387_43026_3618.N1	23-MAY-2010 21:26:45	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43026	No
107	GOM_TRA_1PNPDE20100523_212836_000000532089_00387_43026_3619.N1	23-MAY-2010 21:28:36	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	43026	No
108	GOM_TRA_1PNPDE20100523_213038_000000482089_00387_43026_3620.N1	23-MAY-2010 21:30:38	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	43026	No
109	GOM_TRA_1PNPDE20100523_213329_000000552089_00387_43026_3621.N1	23-MAY-2010 21:33:29	Bright	55.000	16	21Alp Sco	1.0200	3000.0	110	43026	No
110	GOM_TRA_1PNPDE20100523_213553_000000412089_00387_43026_3622.N1	23-MAY-2010 21:35:53	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43026	No
111	GOM_TRA_1PNPDE20100523_214108_000000442089_00387_43026_3623.N1	23-MAY-2010 21:41:08	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43026	No
112	GOM_TRA_1PNPDE20100523_214412_000000402089_00387_43026_3624.N1	23-MAY-2010 21:44:12	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43026	No
113	GOM_TRA_1PNPDE20100523_214958_000000412089_00387_43026_3625.N1	23-MAY-2010 21:49:58	Bright	41.000	83		2.3780	11000.	82	43026	No
114	GOM_TRA_1PNPDE20100523_220112_000000392089_00387_43026_3626.N1	23-MAY-2010 22:01:12	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	43026	No
115	GOM_TRA_1PNPDE20100523_220320_000000392089_00387_43026_3627.N1	23-MAY-2010 22:03:20	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	43026	No
116	GOM_TRA_1PNPDE20100523_221604_000000382089_00387_43026_3628.N1	23-MAY-2010 22:16:04	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43026	No
117	GOM_TRA_1PNPDE20100523_221716_000000552089_00387_43026_3629.N1	23-MAY-2010 22:17:16	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43026	No
118	GOM_TRA_1PNPDE20100523_222329_000000392089_00387_43026_3630.N1	23-MAY-2010 22:23:29	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43026	No
119	GOM_TRA_1PNPDE20100523_222601_000000522089_00387_43026_3631.N1	23-MAY-2010 22:26:01	Twilight	51.500	58	21Alp And	2.0730	11000.	103	43026	No
120	GOM_TRA_1PNPDE20100523_223028_000000472089_00387_43026_3632.N1	23-MAY-2010 22:30:28	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43026	No
121	GOM_TRA_1PNPDE20100523_224648_000000592089_00387_43026_3638.N1	23-MAY-2010 22:46:48	Dark	59.000	18	24Alp PsA	1.1660	9700.0	118	43026	No
122	GOM_TRA_1PNPDE20100523_225227_000000442089_00388_43027_3639.N1	23-MAY-2010 22:52:27	Dark	43.500	31	Alp Gru	1.7340	15200.	87	43027	No
123	GOM_TRA_1PNPDE20100523_225749_000000432089_00388_43027_3640.N1	23-MAY-2010 22:57:49	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43027	No
124	GOM_TRA_1PNPDE20100523_230435_000000432089_00388_43027_3641.N1	23-MAY-2010 23:04:35	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	43027	No
125	GOM_TRA_1PNPDE20100523_230721_000000482089_00388_43027_3642.N1	23-MAY-2010 23:07:21	Straylight	48.000	40	The Sco	1.8590	7100.0	96	43027	No

126	GOM_TRA_1PNPDE20100523_230912_000000502089_00388_43027_3643.N1	23-MAY-2010 23:09:12	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43027	No
127	GOM_TRA_1PNPDE20100523_231114_000000542089_00388_43027_3644.N1	23-MAY-2010 23:11:14	Twilight_and_stray	54.000	75	26Eps Sco	2.2910	4250.0	108	43027	No
128	GOM_TRA_1PNPDE20100523_231405_000000562089_00388_43027_3645.N1	23-MAY-2010 23:14:05	Bright	56.000	16	21Alp Sco	1.0200	3000.0	112	43027	No
129	GOM_TRA_1PNPDE20100523_231629_000000412089_00388_43027_3646.N1	23-MAY-2010 23:16:29	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43027	No
130	GOM_TRA_1PNPDE20100523_231958_000000192089_00388_43027_3647.N1	23-MAY-2010 23:19:58	Twilight_and_stray	19.000	104	27Bet Lib	2.6140	13100.	38	43027	No
131	GOM_TRA_1PNPDE20100523_232144_000000442089_00388_43027_3648.N1	23-MAY-2010 23:21:44	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43027	No
132	GOM_TRA_1PNPDE20100523_232448_000000412089_00388_43027_3649.N1	23-MAY-2010 23:24:48	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	43027	No
133	GOM_TRA_1PNPDE20100523_233034_000000362089_00388_43027_3650.N1	23-MAY-2010 23:30:34	Bright	36.000	83		2.3780	11000.	72	43027	No
134	GOM_TRA_1PNPDE20100523_234148_000000412089_00388_43027_3651.N1	23-MAY-2010 23:41:48	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	43027	No
135	GOM_TRA_1PNPDE20100523_234356_000000382089_00388_43027_3652.N1	23-MAY-2010 23:43:56	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	43027	No
136	GOM_TRA_1PNPDE20100523_235640_000000542089_00388_43027_3653.N1	23-MAY-2010 23:56:40	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43027	No
137	GOM_TRA_1PNPDE20100523_235752_000000552089_00388_43027_3654.N1	23-MAY-2010 23:57:52	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43027	No

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



4. Overview of dark signal processing per product

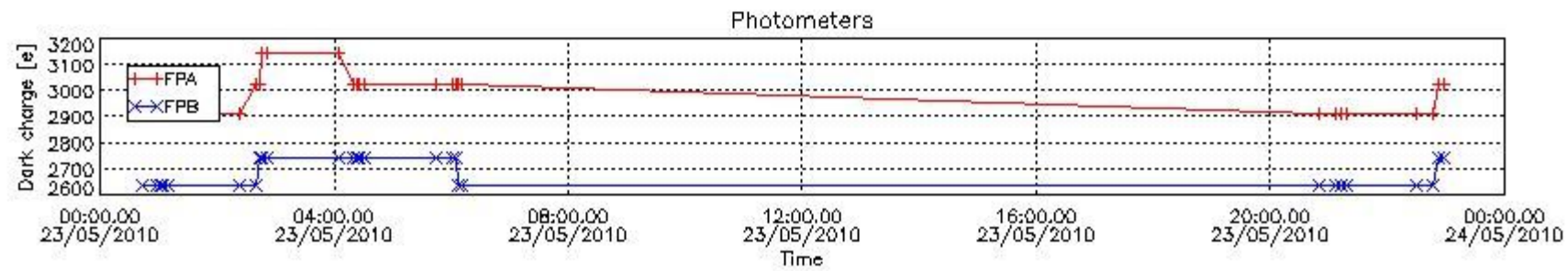
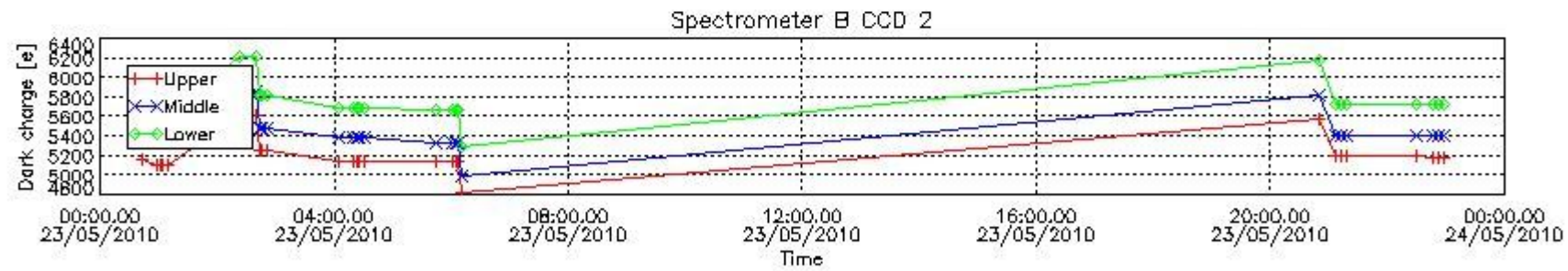
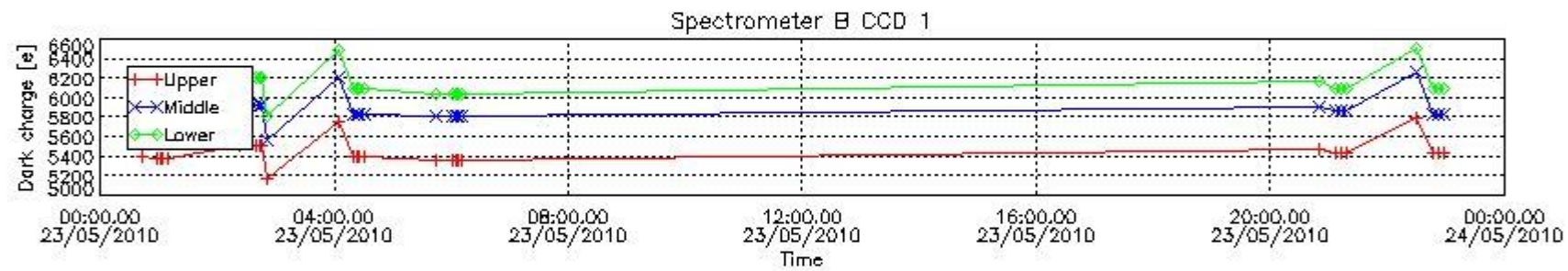
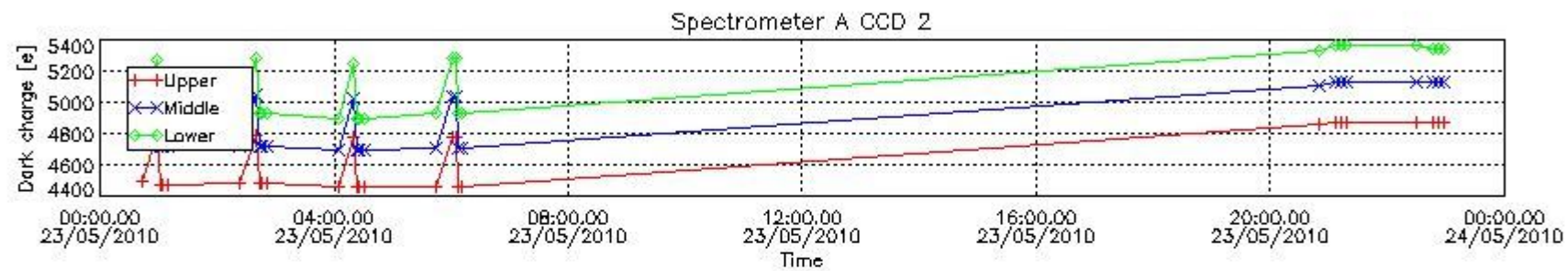
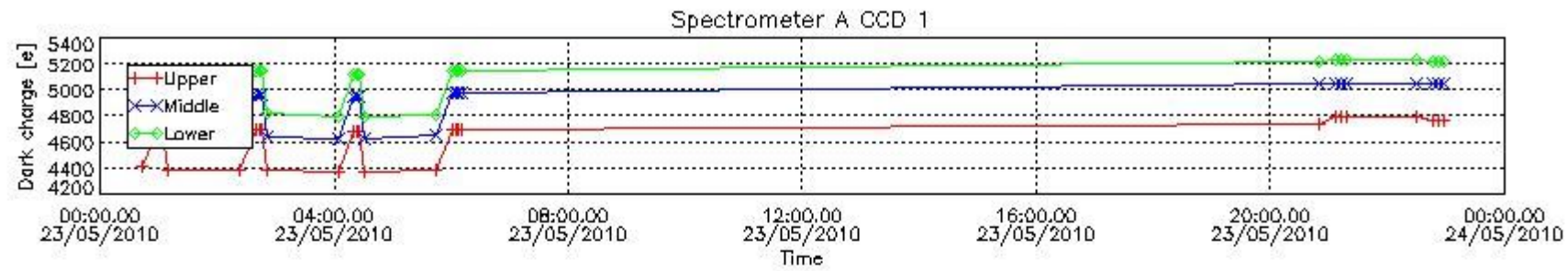
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100523_194609_000000532089_00386_43025_3594.N1	DC map used
GOM_TRA_1PNPDE20100523_194800_000000542089_00386_43025_3595.N1	DC map used
GOM_TRA_1PNPDE20100523_195001_000000502089_00386_43025_3596.N1	DC map used
GOM_TRA_1PNPDE20100523_195253_000000602089_00386_43025_3597.N1	DC map used
GOM_TRA_1PNPDE20100523_195517_000000452089_00386_43025_3598.N1	DC map used
GOM_TRA_1PNPDE20100523_195846_000000392089_00386_43025_3599.N1	DC map used
GOM_TRA_1PNPDE20100523_200032_000000442089_00386_43025_3600.N1	DC map used
GOM_TRA_1PNPDE20100523_200336_000000402089_00386_43025_3601.N1	DC map used
GOM_TRA_1PNPDE20100523_200922_000000412089_00386_43025_3602.N1	DC map used
GOM_TRA_1PNPDE20100523_202037_000000432089_00386_43025_3603.N1	DC map used
GOM_TRA_1PNPDE20100523_202244_000000372089_00386_43025_3604.N1	DC map used
GOM_TRA_1PNPDE20100523_203528_000000412089_00386_43025_3605.N1	DC map used
GOM_TRA_1PNPDE20100523_203641_000000372089_00386_43025_3606.N1	DC map used
GOM_TRA_1PNPDE20100523_204252_000000392089_00386_43025_3607.N1	DC map used
GOM_TRA_1PNPDE20100523_204525_000000492089_00386_43025_3608.N1	DC map used
GOM_TRA_1PNPDE20100523_204952_000000462089_00386_43025_3609.N1	DC map used

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



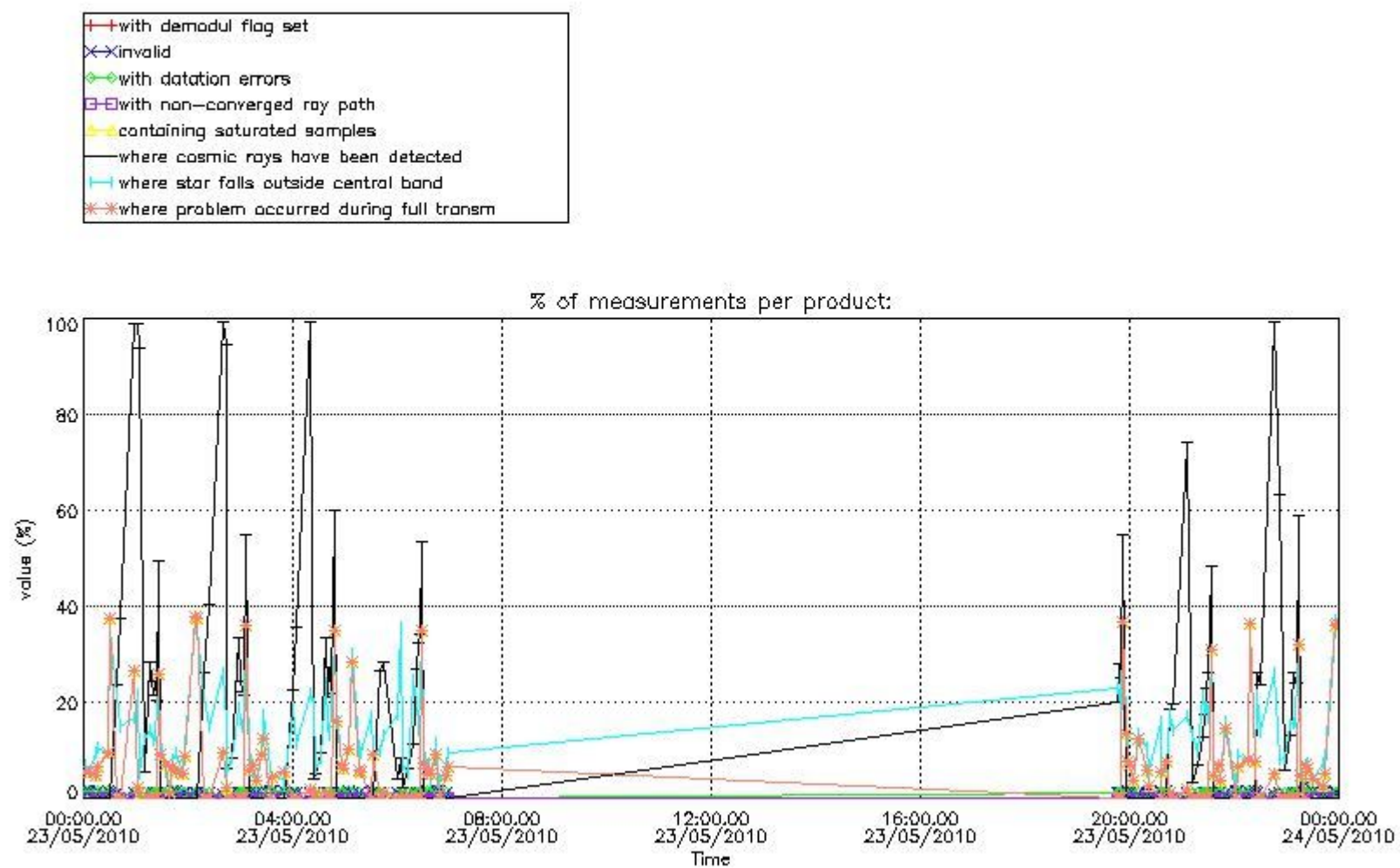
5. Demodulation flag and quality information monitoring

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.

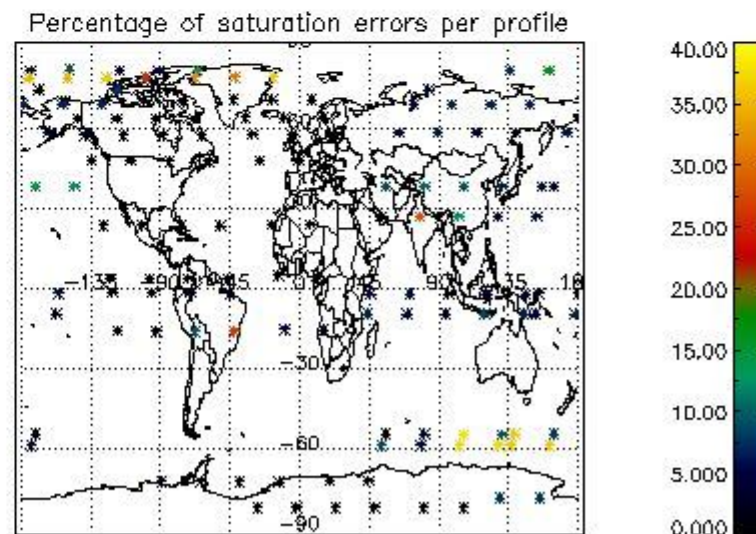
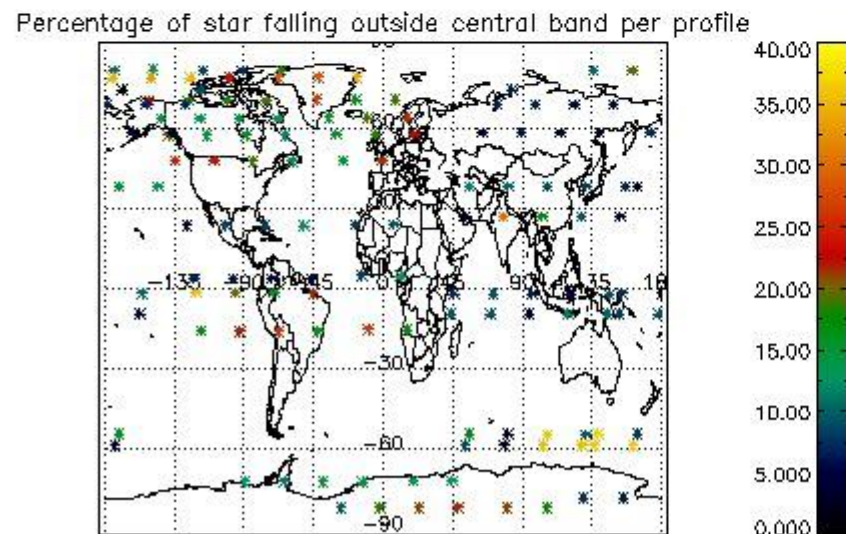
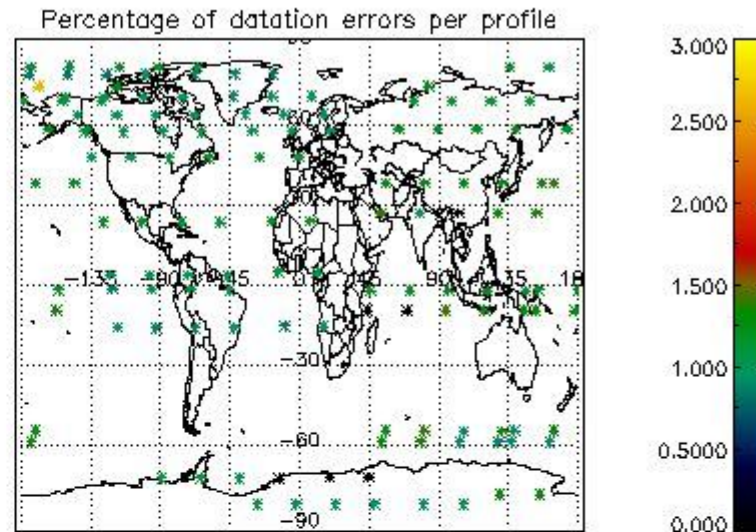
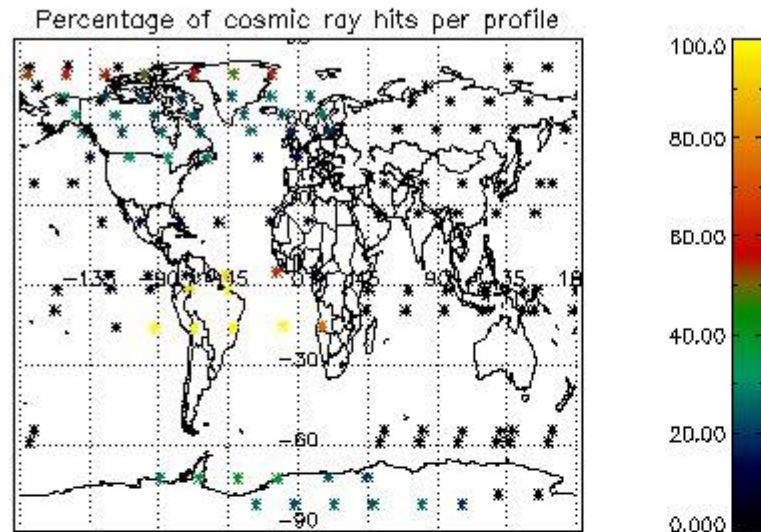
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	37.9562 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



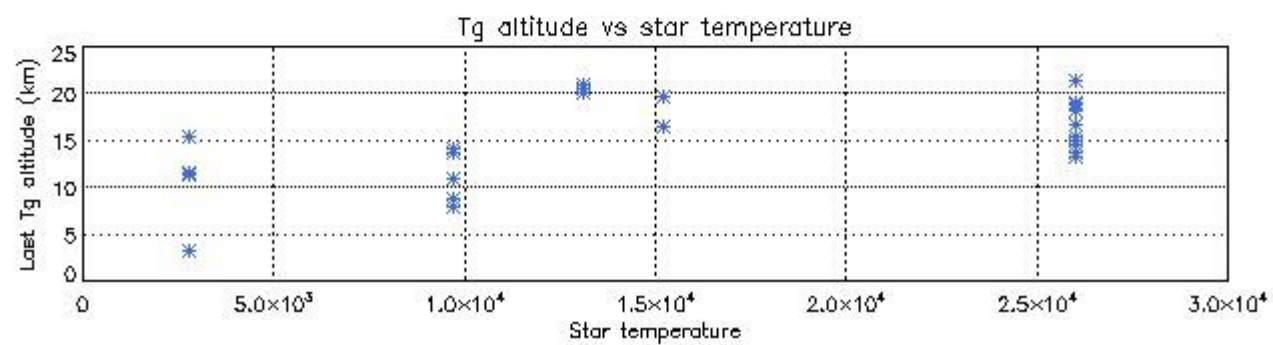
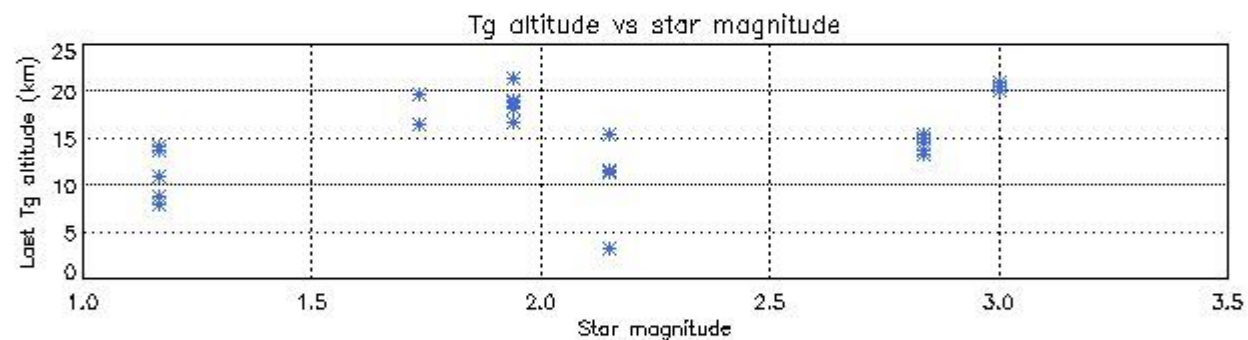
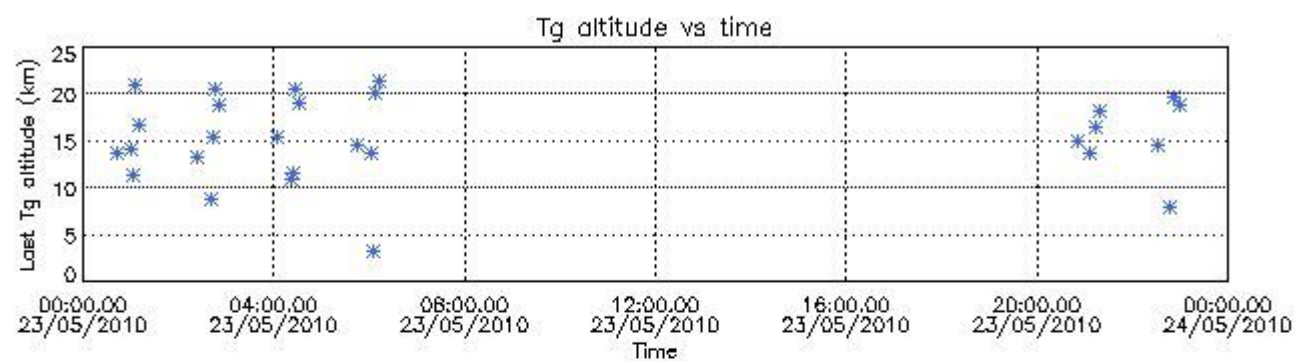
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.268	16.776	NaN
St. deviation:	4.4023	6.1666	NaN
Maximum:	21.264	25.013	NaN
Minimum:	3.1371	3.7091	NaN
Number of data:	28.000	75.000	NaN

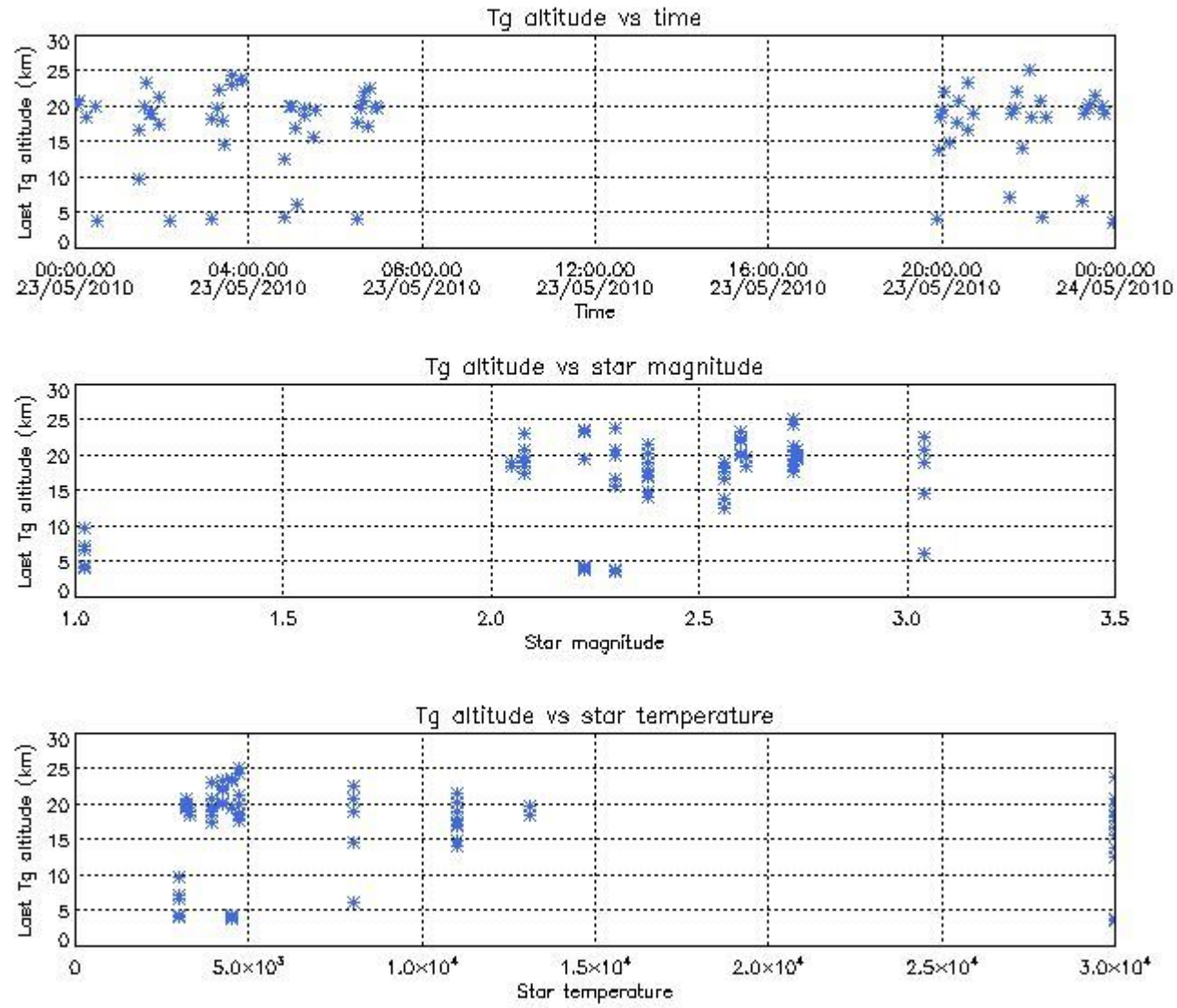
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

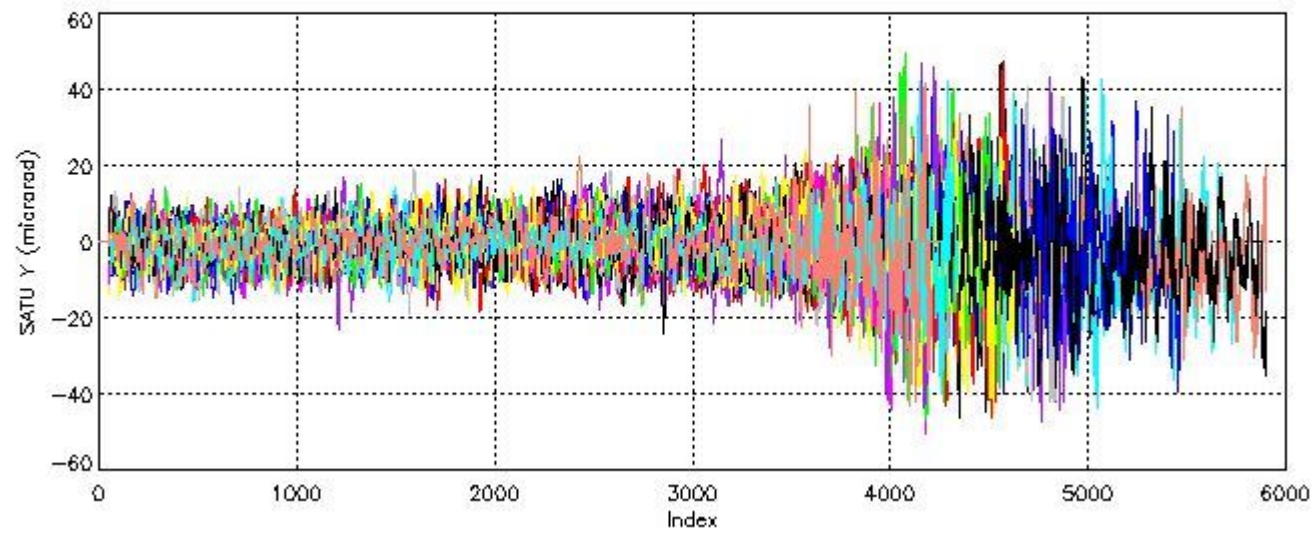
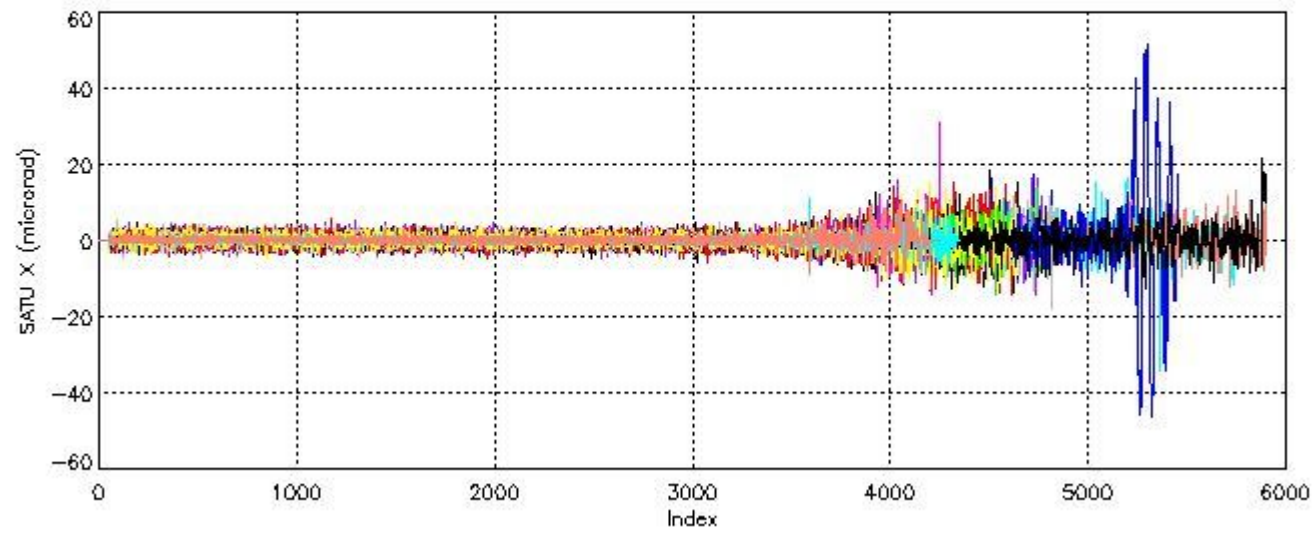


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere.

Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.17454	-0.84624	0.19202	-0.91011
St. deviation:	0.72685	4.3376	0.65229	3.7894
Maximum:	5.3000	14.000	4.9000	21.600
Minimum:	-4.8000	-16.100	-4.9000	-19.500

Number of data:	29300.	29300.	69300.	69300.
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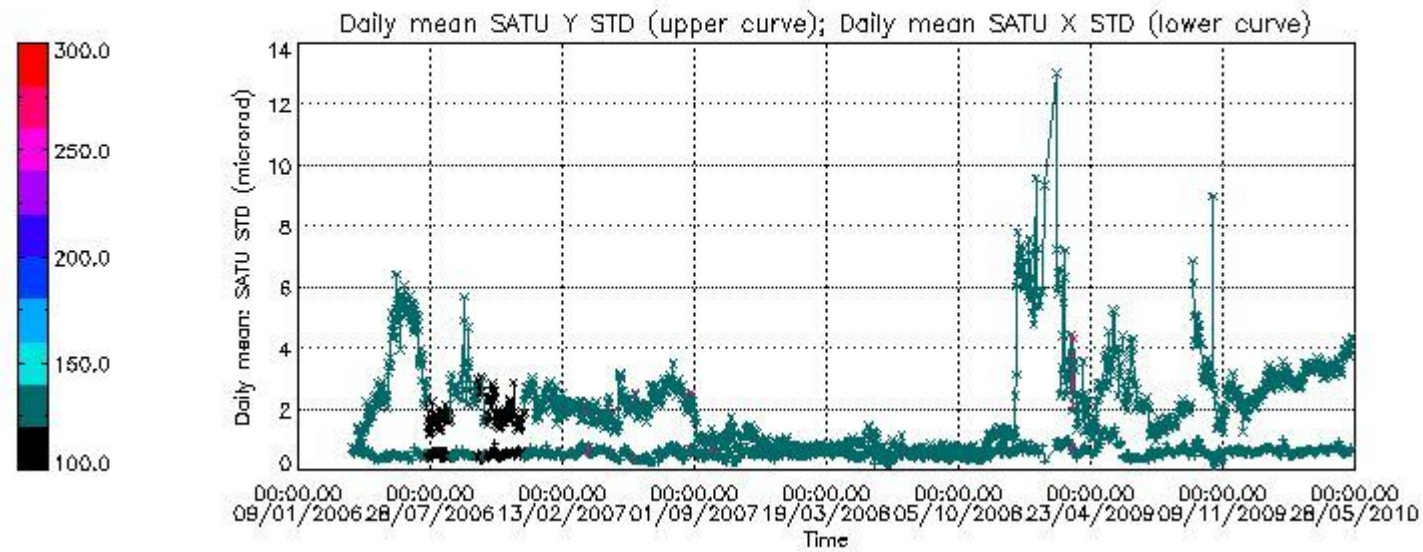
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

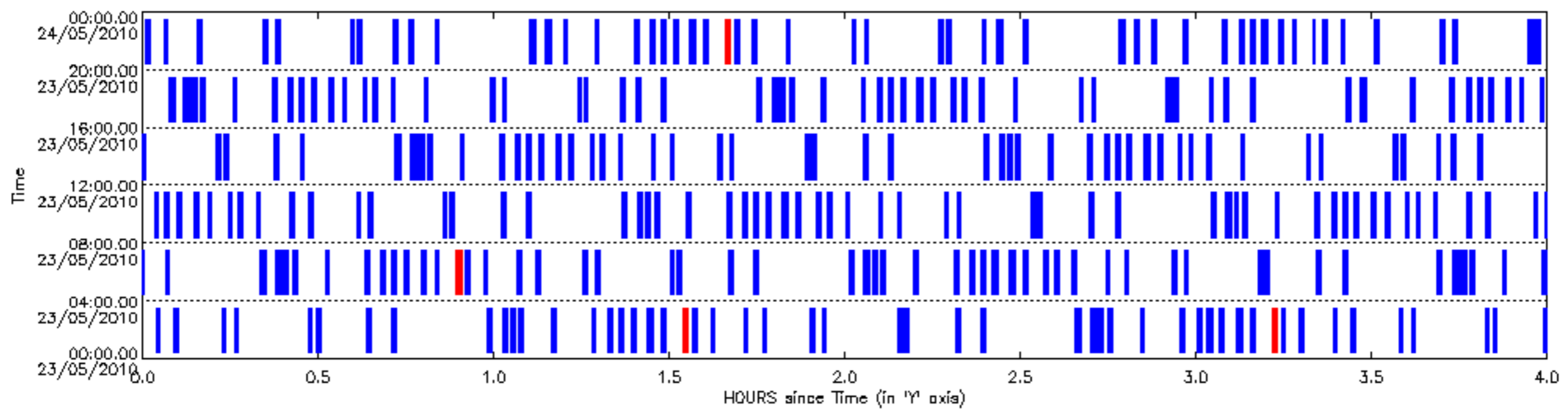
Lower curve: STD of SATU X axis

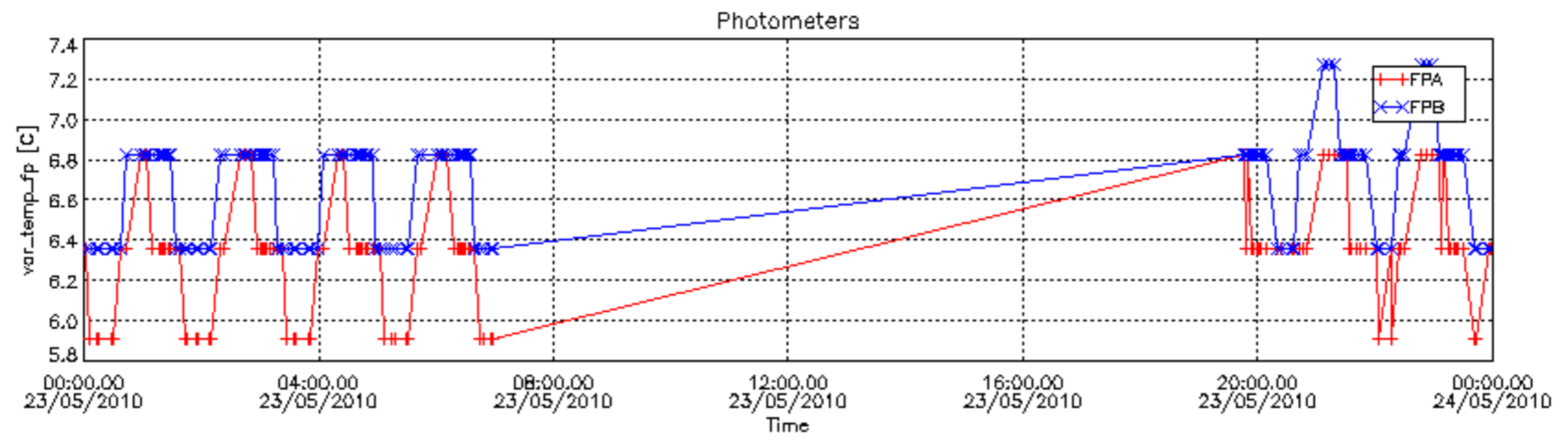
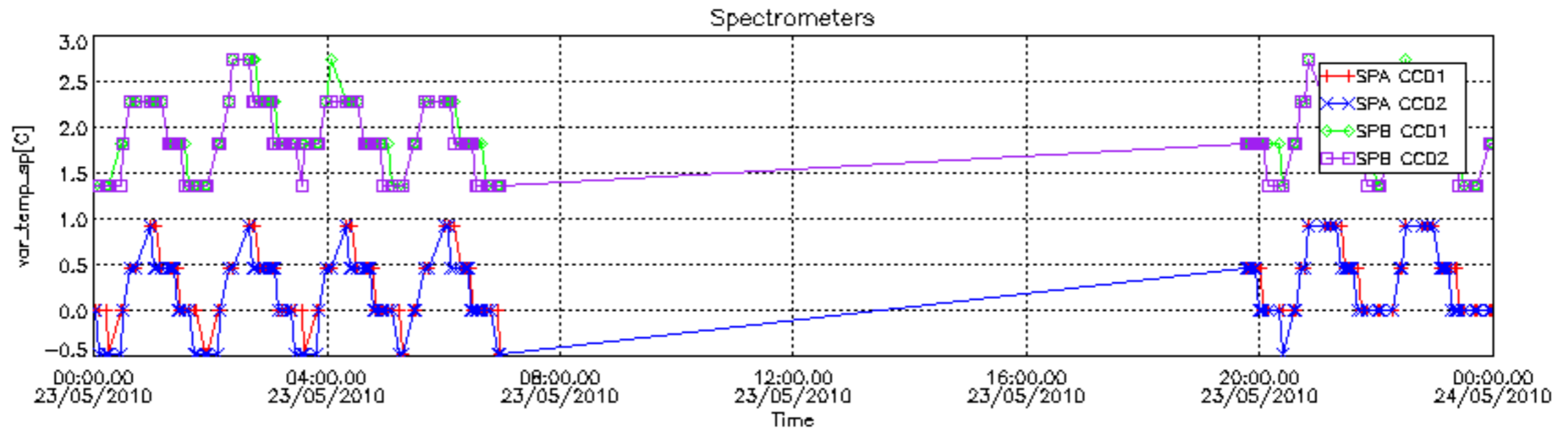


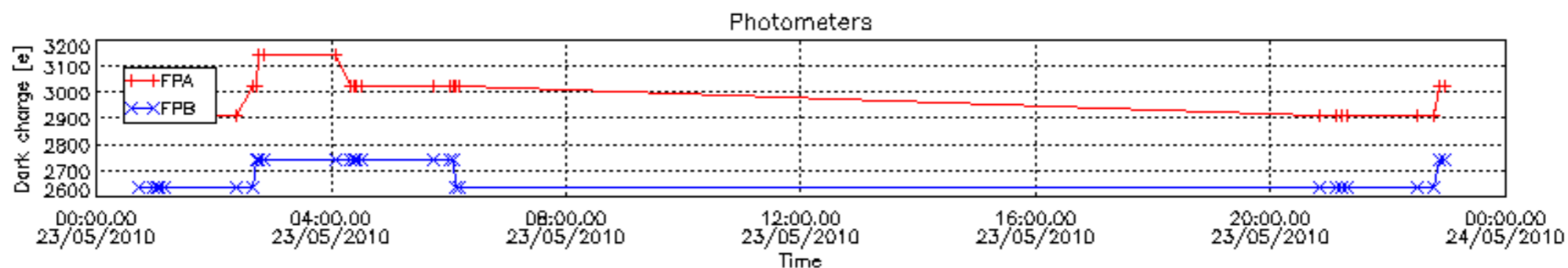
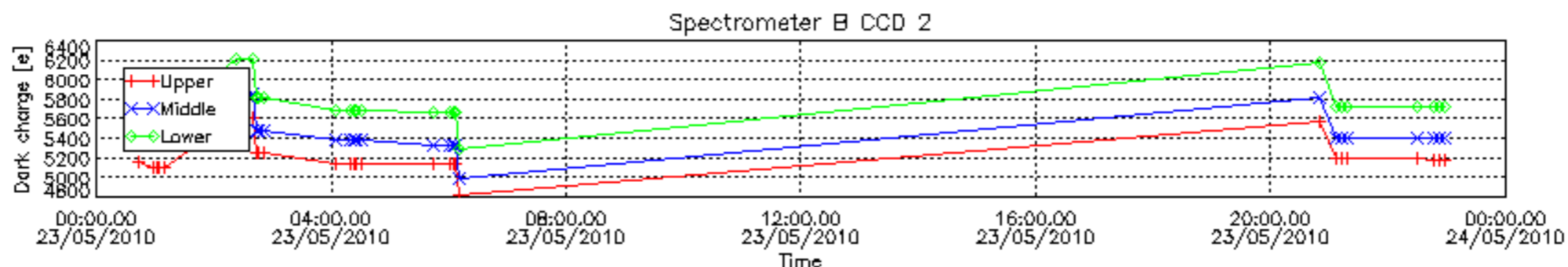
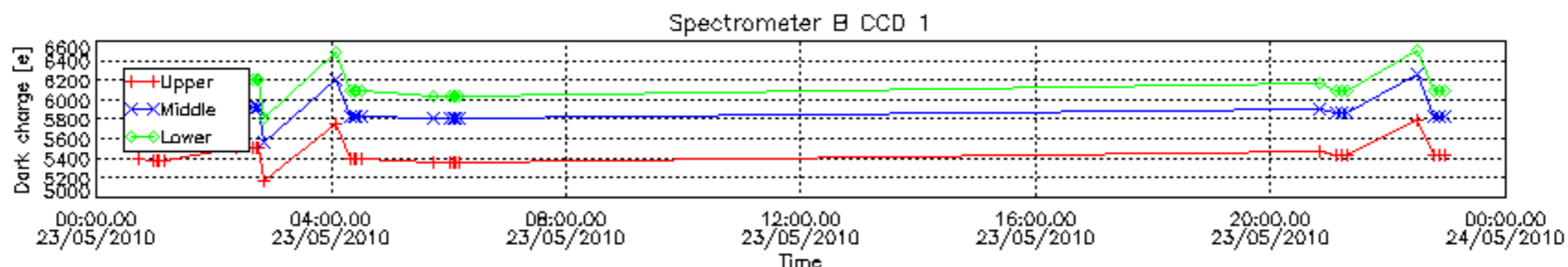
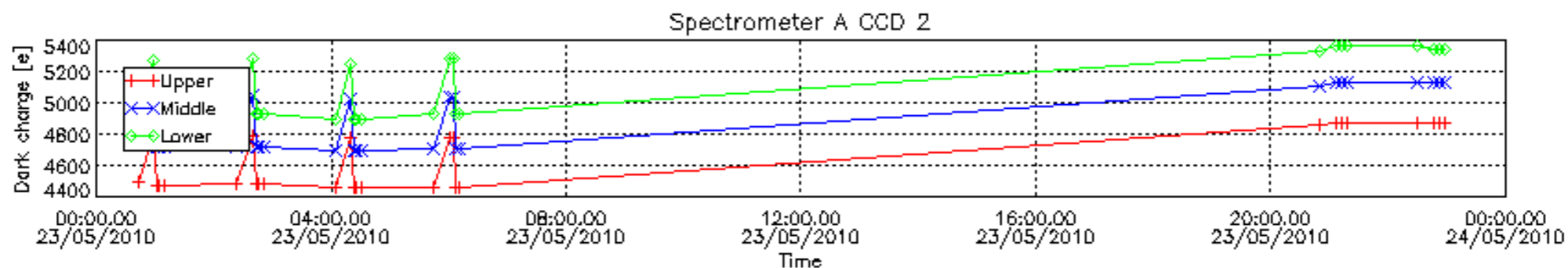
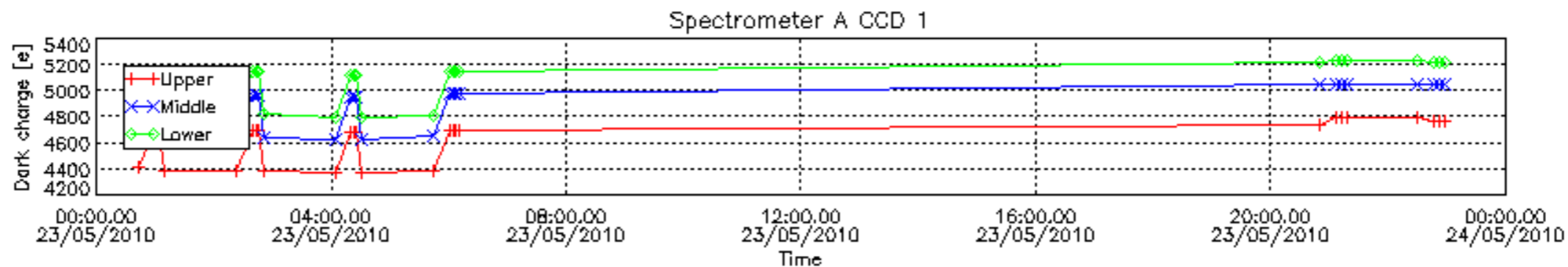
8. Auxiliary Data Files used for the production reported in section 2.4

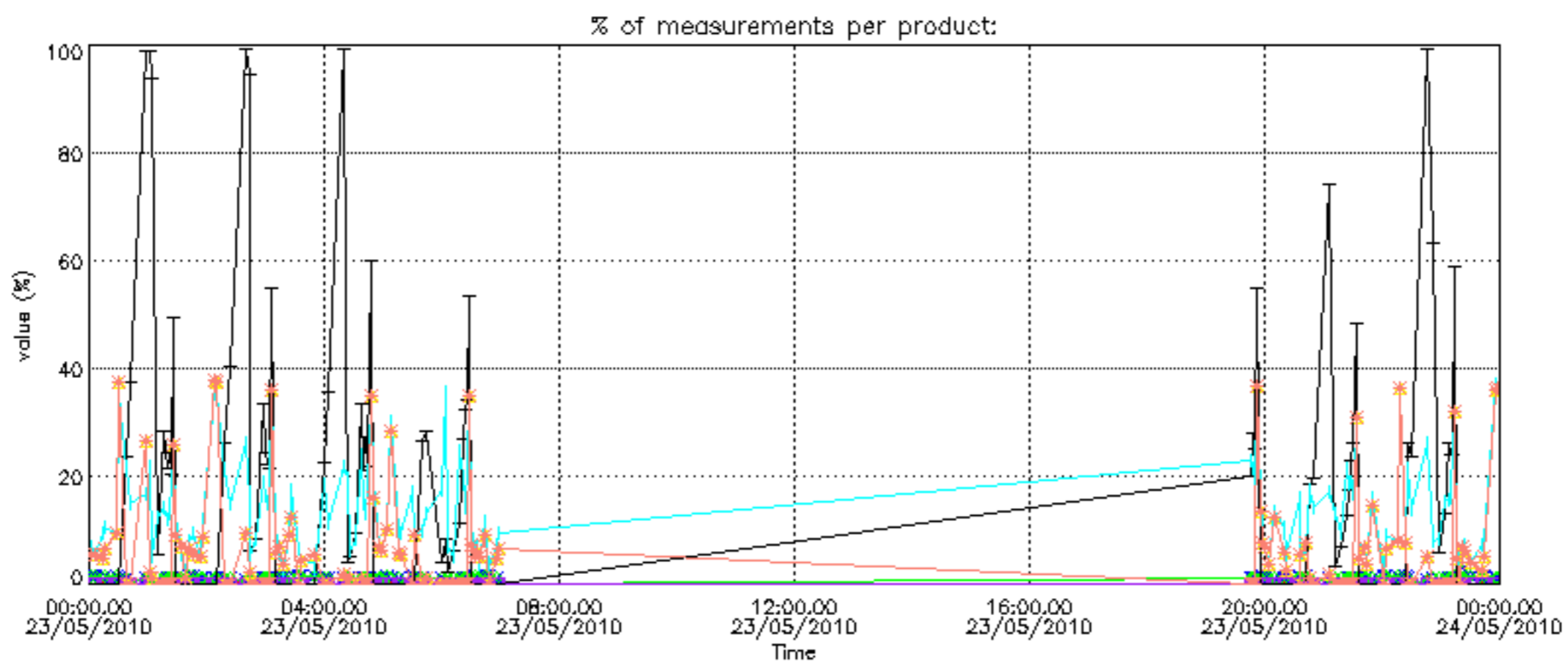
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-MAY-2010 00:02:11
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100518_092709_20100516_000000_20500101_000000	1	23-MAY-2010 00:02:11
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	23-MAY-2010 00:02:11
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	23-MAY-2010 00:02:11
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	23-MAY-2010 00:02:11
ECMWF_FILE	AUX_ECF_AXNECM20100522_054114_20100522_210000_20100523_090000	1	23-MAY-2010 00:02:11
ECMWF_FILE	AUX_ECF_AXNECM20100522_172116_20100523_030000_20100523_150000	43	23-MAY-2010 03:34:41
ECMWF_FILE	AUX_ECA_AXNECM20100523_052115_20100522_210000_20100523_090000	65	23-MAY-2010 05:30:05
ECMWF_FILE	AUX_ECA_AXNECM20100523_174113_20100523_090000_20100523_210000	86	23-MAY-2010 19:46:09
ECMWF_FILE	AUX_ECF_AXNECM20100523_054114_20100523_210000_20100524_090000	102	23-MAY-2010 21:06:11
OPTIONAL_ECMWF_FILE	MISSING	1	23-MAY-2010 00:02:11
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100521_092114_20100520_192407_20100530_205020	1	23-MAY-2010 00:02:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100523_005143_000092452089_00374_43013_0404.N1	9	23-MAY-2010 00:58:48
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100523_033107_000063762089_00376_43015_0405.N1	43	23-MAY-2010 03:34:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100523_052241_000057382089_00377_43016_0406.N1	65	23-MAY-2010 05:30:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100523_194325_000038252089_00386_43025_0407.N1	86	23-MAY-2010 19:46:09
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100521_092114_20100520_192407_20100530_205020	102	23-MAY-2010 21:06:11
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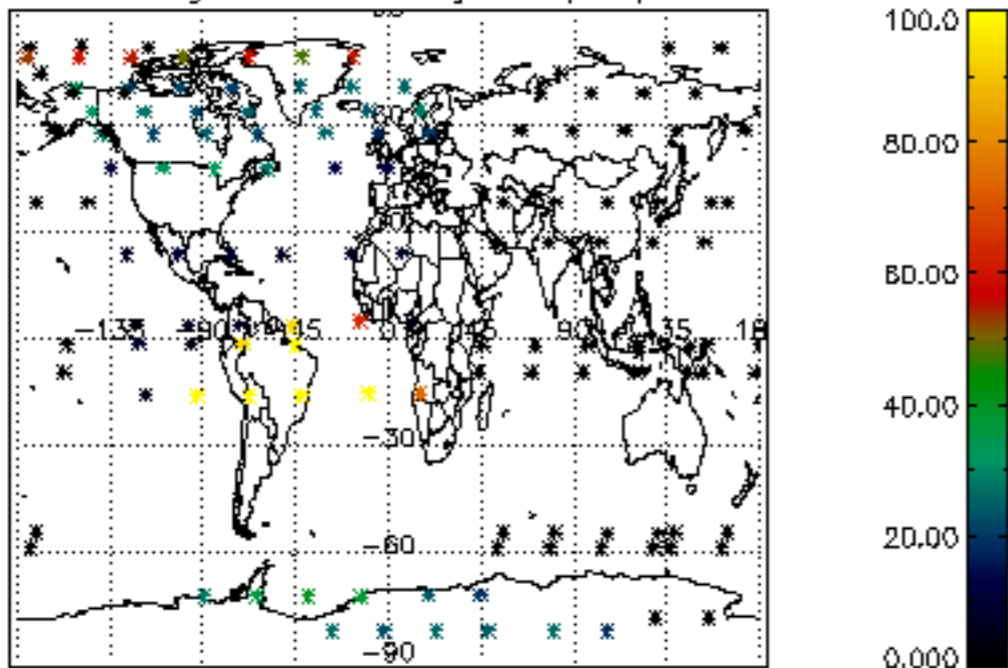




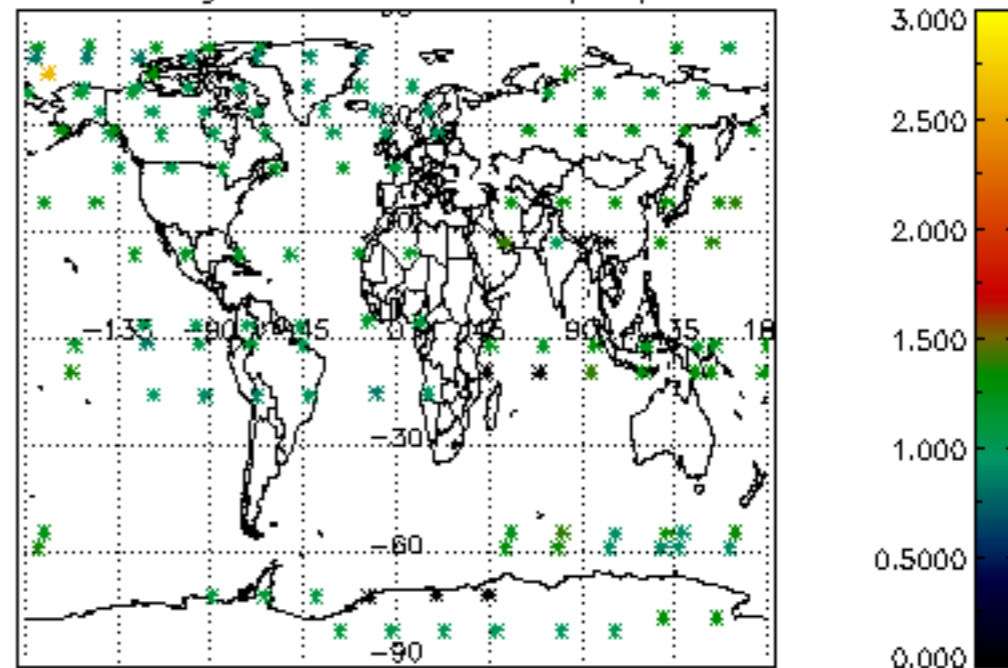




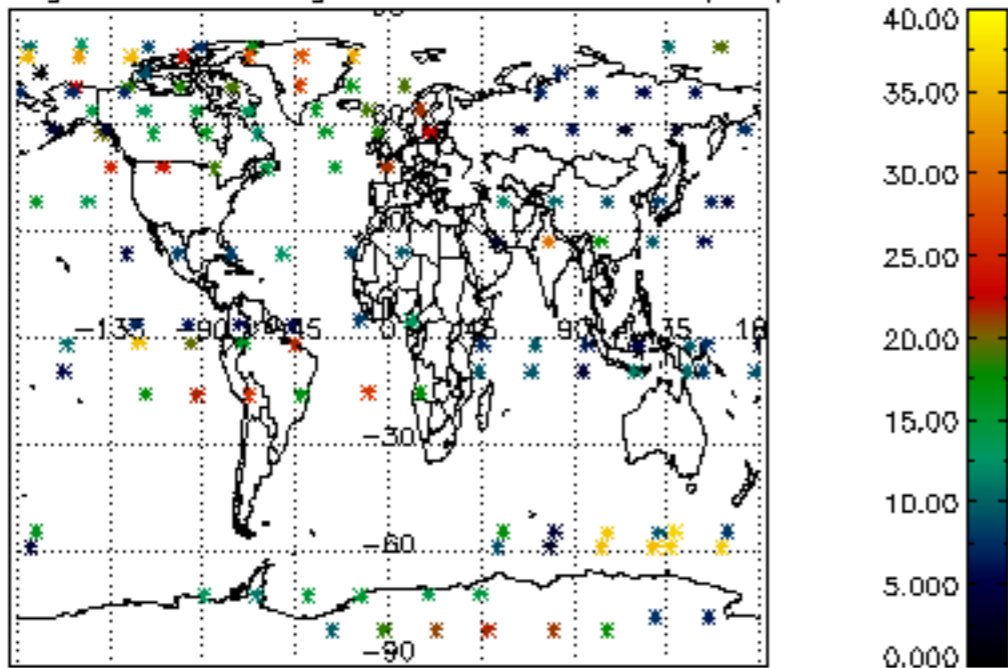
Percentage of cosmic ray hits per profile



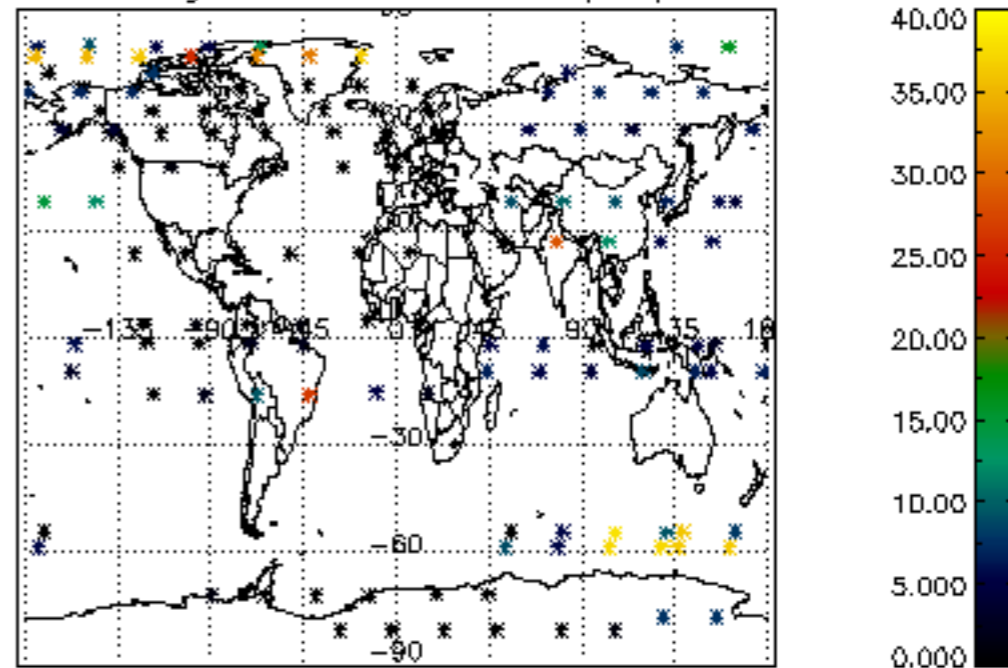
Percentage of datation errors per profile



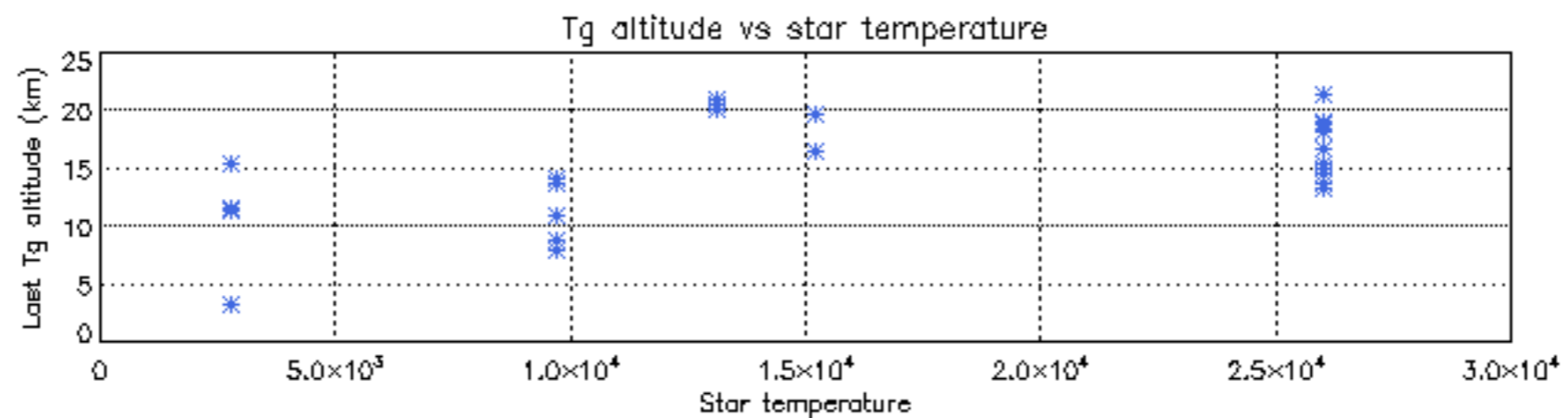
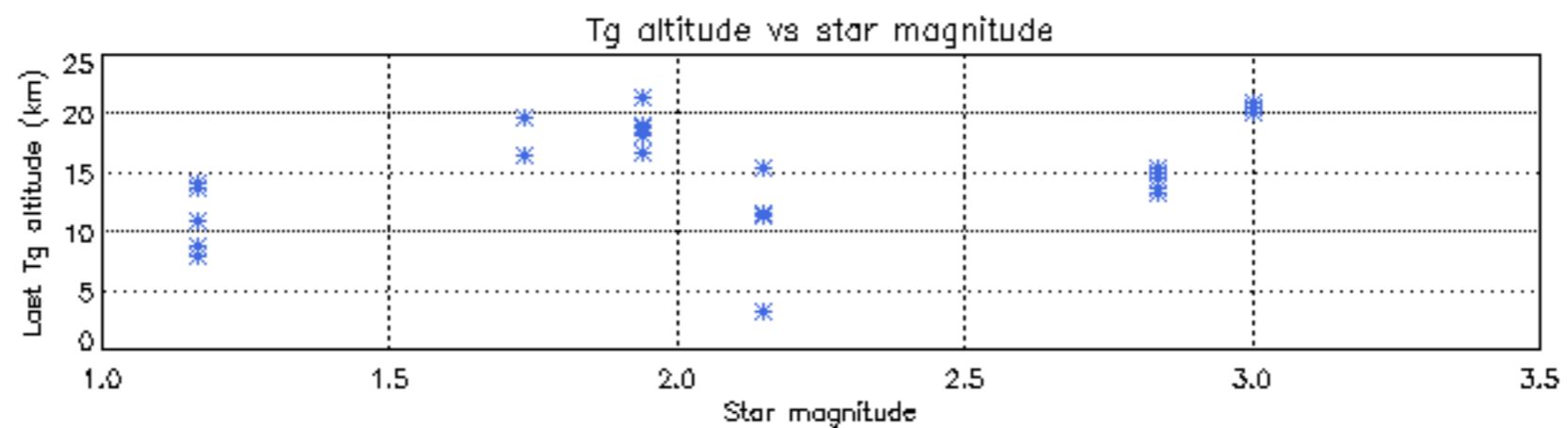
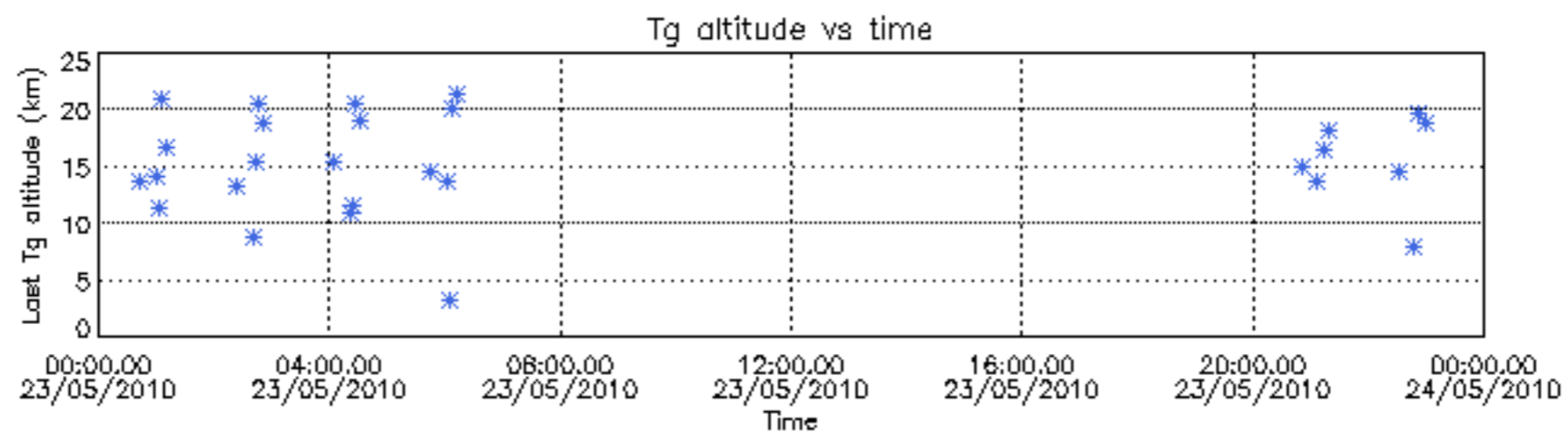
Percentage of star falling outside central band per profile



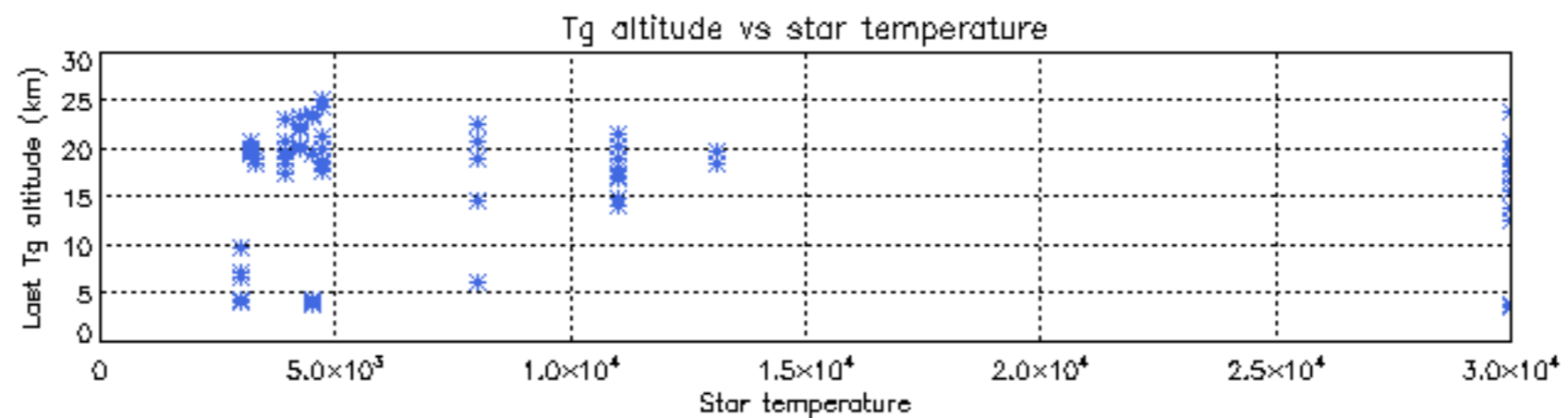
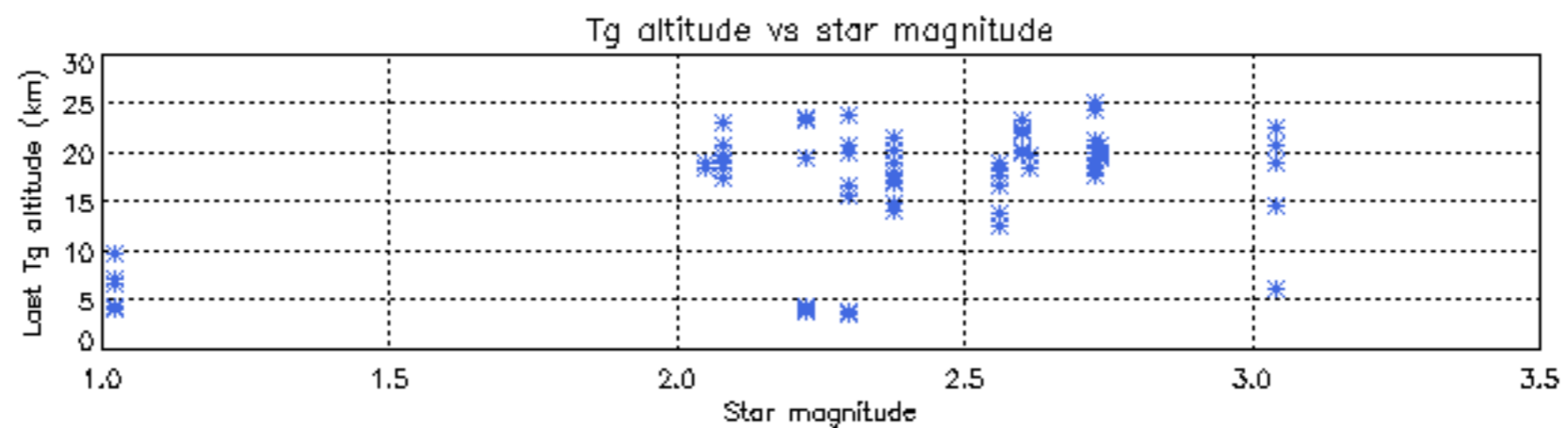
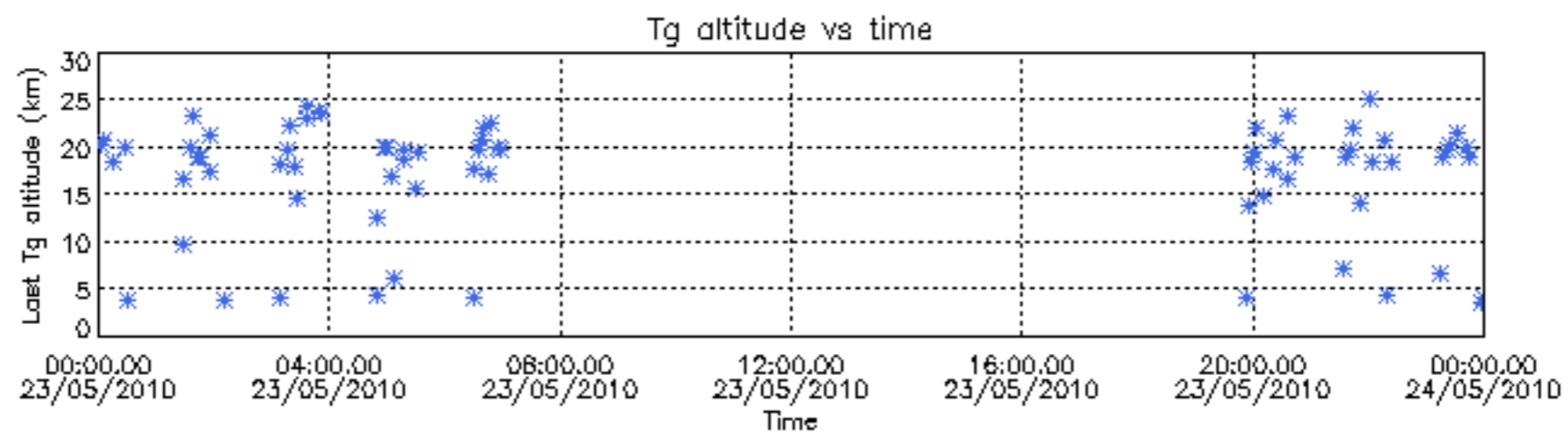
Percentage of saturation errors per profile

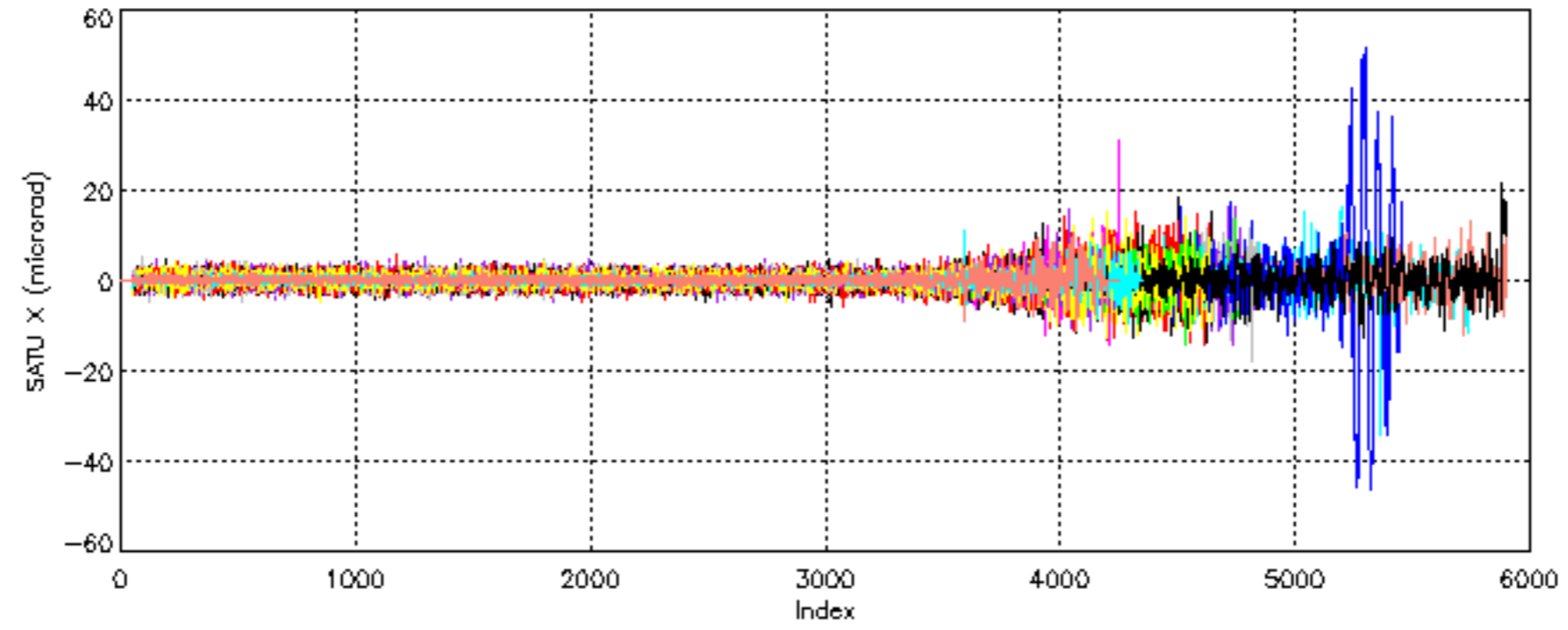


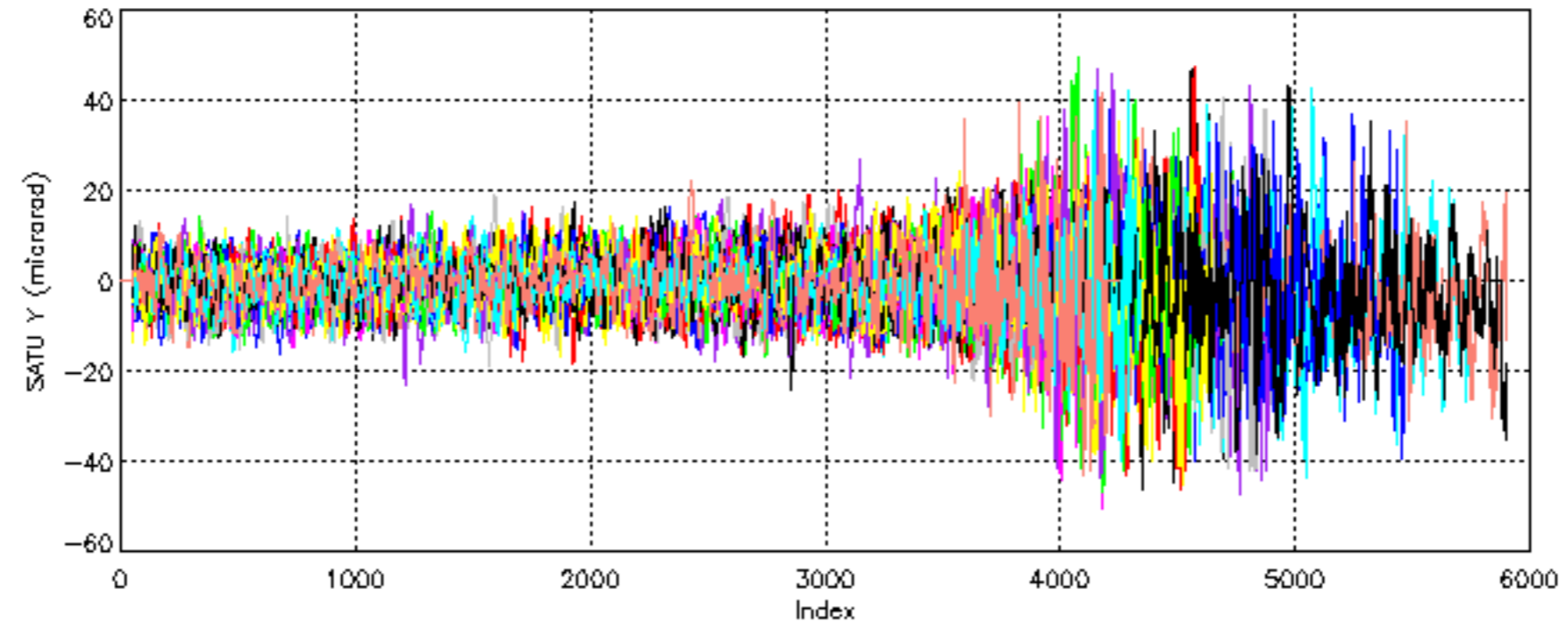
Tangent altitude at which the star is lost

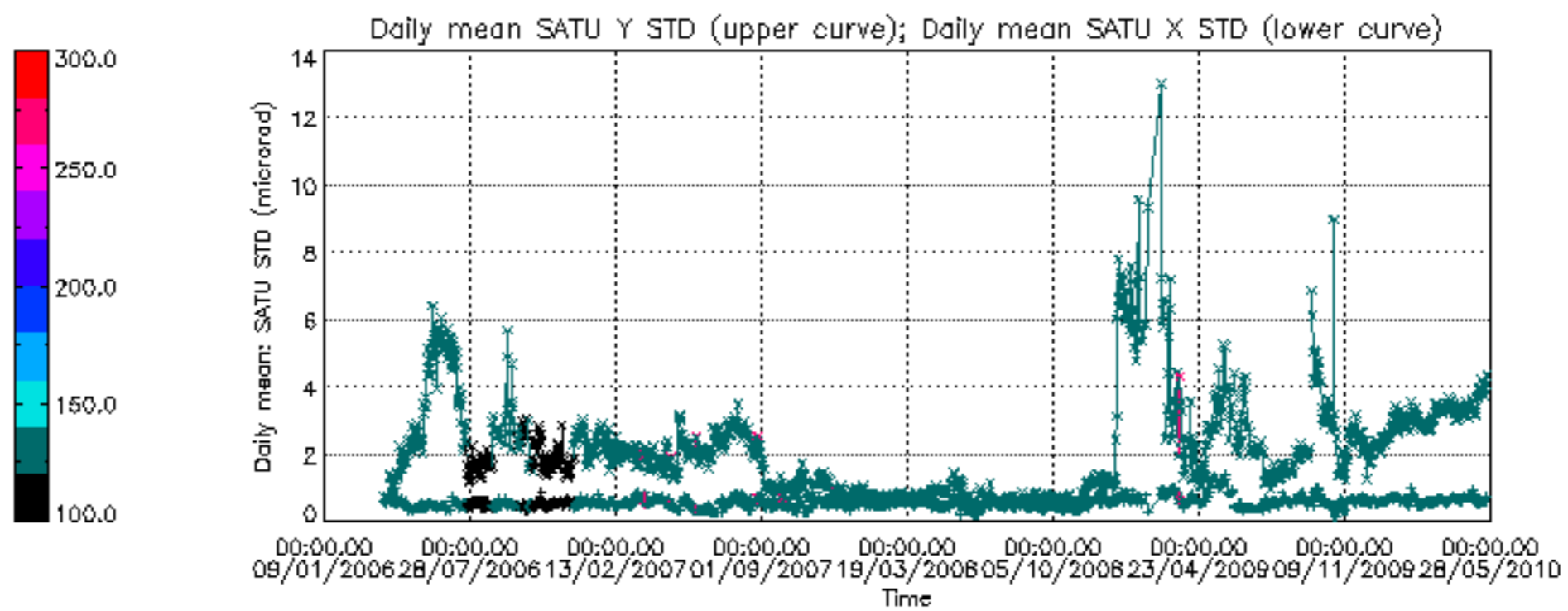


Tangent altitude at which the star is lost









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1; -637.9; 01-MAY-2010 00:44:01; Dark ; 61.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 123; 0;42698
 2; -480.7; 01-MAY-2010 00:46:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42698
 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
 12; 2456.5; 01-MAY-2010 01:35:35; Bright; 45.5; 83; ; 2.38; 11000;occ; 91; 0;42699
 13; 2637.1; 01-MAY-2010 01:38:36; Bright; 40.5; 180; 27Gam Boo ; 3.04; 8000;occ; 81; 0;42699
 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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 3; -636.8; 01-MAY-2010 02:24:38; Dark ; 62.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 124; 0;42699
 4; -479.6; 01-MAY-2010 02:27:15; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42699
 5; 635.3; 01-MAY-2010 02:45:50; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;42700
 6; 746.6; 01-MAY-2010 02:47:41; Dark ; 55.0; 40; The Sco ; 1.86; 7100;occ; 110; 0;42700
 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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 11; 1590.1; 01-MAY-2010 03:01:45; Bright; 43.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 87; 0;42700
 12; 1728.1; 01-MAY-2010 03:04:03; Bright; 50.5; 104; 27Bet Lib ; 2.61; 13100;occ; 101; 0;42700
 13; 2233.6; 01-MAY-2010 03:12:28; Bright; 38.0; 111; 8Eta Boo ; 2.68; 6000;occ; 76; 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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 7; -635.9; 01-MAY-2010 04:05:15; Dark ; 59.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 118; 0;42700
 8; -478.4; 01-MAY-2010 04:07:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42700
 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
 12; 852.4; 01-MAY-2010 04:30:03; Dark ; 55.5; 25; 35Lam Sco ; 1.62; 28000;occ; 111; 0;42701
 13; 1039.9; 01-MAY-2010 04:33:11; Dark ; 59.0; 75; 26Eps Sco ; 2.29; 4250;occ; 118; 0;42701
 14; 1265.2; 01-MAY-2010 04:36:56; Dark ; 70.5; 16; 21Alp Sco ; 1.02; 3000;occ; 141; 0;42701
 15; 1400.2; 01-MAY-2010 04:39:11; Dark ; 62.0; 80; 7Del Sco ; 2.32; 30000;occ; 124; 0;42701
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 21; 2770.2; 01-MAY-2010 05:02:01; Bright; 37.5; 39; 85Eta UMA ; 1.85; 24000;occ; 75; 0;42701
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 3; -1527.4; 01-MAY-2010 05:30:59; Dark ; 51.0; 164; 44Eta Peg ; 2.95; 5400;occ; 102; 0;42701
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 5; -1003.5; 01-MAY-2010 05:39:43; Dark ; 62.5; 61; 8Eps Peg ; 2.10; 3900;occ; 125; 0;42701

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6; 1727.9; 01-MAY-2010 19:50:02; Bright; 48.0; 104; 27Bet Lib ; 2.61; 13100;occ; 96; 0;42710
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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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17; 2769.3; 01-MAY-2010 21:47:59; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;42711
18; 3203.6; 01-MAY-2010 21:55:14; Bright; 46.0; 119; 14Eta Dra ; 2.73; 4700;occ; 92; 0;42711
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 3; 2434.2; 04-MAY-2010 08:23:22; Bright; 45.0; 83; ; 2.38; 11000;occ; 90; 0;42746
 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
 7; 4544.7; 04-MAY-2010 08:58:33; Dark ; 49.5; 93; 53Bet Peg ; 2.52; 3100;occ; 99; 0;42746
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18; 6935.5; 04-MAY-2010 18:01:23; Dark ; 59.5; 25; 35Lam Sco ; 1.62; 28000;occ; 119; 0;42752
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18; 6791.7; 04-MAY-2010 19:39:35; Dark ; 64.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 128; 0;42753
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 5; 2517.9; 06-MAY-2010 07:21:32; Bright; 48.5; 67; 5Alp CrB ; 2.22; 11000;occ; 97; 0;42774
 6; 3166.4; 06-MAY-2010 07:32:20; Bright; 44.0; 119; 14Eta Dra ; 2.73; 4700;occ; 88; 0;42774
 7; 3804.7; 06-MAY-2010 07:42:59; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;42774
 8; 4550.1; 06-MAY-2010 07:55:24; Dark ; 53.0; 93; 53Bet Peg ; 2.52; 3100;occ; 106; 0;42774
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 5; 2421.8; 06-MAY-2010 10:41:07; Bright; 44.0; 83; ; 2.38; 11000;occ; 88; 0;42776
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 6; 2420.2; 06-MAY-2010 17:23:30; Bright; 42.0; 83; ; 2.38; 11000;occ; 84; 0;42780
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4; 244.7; 07-MAY-2010 22:58:01; Dark ; 40.0; 45; Alp Pav ; 1.94; 26000;occ; 80; 0;42798
5; 694.4; 07-MAY-2010 23:05:31; Dark ; 51.5; 141; Bet Ara ; 2.84; 4600;occ; 103; 0;42798
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9; 1259.0; 07-MAY-2010 23:14:55; Dark ; 25.0; 136; 23Tau Sco ; 2.82; 30000;occ; 50; 0;42798
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11; 1426.5; 07-MAY-2010 23:17:43; Dark ; 57.5; 80; 7Del Sco ; 2.32; 30000;occ; 115; 0;42798
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13; 1725.0; 07-MAY-2010 23:22:41; Bright; 44.5; 104; 27Bet Lib ; 2.61; 13100;occ; 89; 0;42798
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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16; 2598.8; 07-MAY-2010 23:37:15; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;42798
17; 2753.0; 07-MAY-2010 23:39:49; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 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
6; -309.3; 07-MAY-2010 07:43:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42788
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8; 238.6; 07-MAY-2010 07:52:31; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;42789
9; 689.3; 07-MAY-2010 08:00:02; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;42789
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14; 1424.9; 07-MAY-2010 08:12:18; Dark ; 58.0; 80; 7Del Sco ; 2.32; 30000;occ; 116; 0;42789
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 4; 2416.9; 07-MAY-2010 08:28:50; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;42789
 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
 7; 2841.6; 07-MAY-2010 08:35:54; Bright; 36.5; 55; 79Zet UMa ; 2.06; 10200;occ; 73; 0;42789
 8; 3157.8; 07-MAY-2010 08:41:11; Bright; 42.5; 119; 14Eta Dra ; 2.73; 4700;occ; 85; 0;42789
 9; 3799.5; 07-MAY-2010 08:51:52; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 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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 3; 2416.5; 07-MAY-2010 10:09:25; Bright; 42.5; 83; ; 2.38; 11000;occ; 85; 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
 8; 3965.4; 07-MAY-2010 10:35:14; Bright; 36.5; 74; 11Bet Cas ; 2.27; 6600;occ; 73; 0;42790
 9; 4553.1; 07-MAY-2010 10:45:02; Dark ; 56.5; 93; 53Bet Peg ; 2.52; 3100;occ; 113; 0;42790
10; 4805.0; 07-MAY-2010 10:49:14; Dark ; 49.0; 90; 54Alp Peg ; 2.49; 11000;occ; 98; 0;42790
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14; 6276.1; 07-MAY-2010 11:13:45; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;42791
15; 6726.1; 07-MAY-2010 11:21:15; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;42791
16; 6858.3; 07-MAY-2010 11:23:27; Dark ; 52.0; 40; The Sco ; 1.86; 7100;occ; 104; 0;42791
17; 6968.3; 07-MAY-2010 11:25:17; Dark ; 25.0; 25; 35Lam Sco ; 1.62; 28000;occ; 50; 0;42791
18; 7135.0; 07-MAY-2010 11:28:04; Dark ; 54.5; 75; 26Eps Sco ; 2.29; 4250;occ; 109; 0;42791
19; 7372.2; 07-MAY-2010 11:32:01; Dark ; 39.0; 156; 20Sig Sco ; 2.90; 28000;occ; 78; 0;42791
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 3; 2416.0; 07-MAY-2010 11:50:01; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;42791
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11; 5591.8; 07-MAY-2010 12:42:56; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;42791
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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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 7; 3789.1; 09-MAY-2010 07:48:28; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;42817
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 19; 7352.6; 09-MAY-2010 08:47:52; Dark ; 62.0; 16; 21Alp Sco ; 1.02; 3000;occ; 124; 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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12;	4823.0;	10-MAY-2010	12:35:53;	Dark	;	47.0;	90;	54Alp Peg	;	2.49;	11000;occ;	94;	0;	42834
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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
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 2; 1133.1; 11-MAY-2010 17:45:10; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;42852
 3; 1329.2; 11-MAY-2010 17:48:26; Dark ; 69.0; 16; 21Alp Sco ; 1.02; 3000;occ; 138; 0;42852
 4; 1440.0; 11-MAY-2010 17:50:17; Dark ; 62.0; 80; 7Del Sco ; 2.32; 30000;occ; 124; 0;42852
 5; 1607.8; 11-MAY-2010 17:53:04; Bright; 38.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 77; 0;42852
 6; 1725.4; 11-MAY-2010 17:55:02; Bright; 41.0; 104; 27Bet Lib ; 2.61; 13100;occ; 82; 0;42852
 7; 2237.6; 11-MAY-2010 18:03:34; Bright; 38.0; 3; 16Alp Boo ; -0.05; 4250;occ; 76; 0;42852
 8; 2396.8; 11-MAY-2010 18:06:13; Bright; 41.5; 83; ; 2.38; 11000;occ; 83; 0;42852
 9; 2583.4; 11-MAY-2010 18:09:20; Bright; 40.0; 180; 27Gam Boo ; 3.04; 8000;occ; 80; 0;42852
 10; 2747.6; 11-MAY-2010 18:12:04; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;42852
 11; 3123.6; 11-MAY-2010 18:18:20; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;42852
 12; 3775.6; 11-MAY-2010 18:29:12; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;42852
 13; 3964.5; 11-MAY-2010 18:32:21; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;42852
 14; 4565.7; 11-MAY-2010 18:42:22; Dark ; 52.0; 93; 53Bet Peg ; 2.52; 3100;occ; 104; 0;42852
 15; 4746.1; 11-MAY-2010 18:45:23; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;42852
 16; 4831.1; 11-MAY-2010 18:46:48; Dark ; 51.0; 90; 54Alp Peg ; 2.49; 11000;occ; 102; 0;42852
 17; 5632.1; 11-MAY-2010 19:00:09; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;42852
 18; 5775.1; 11-MAY-2010 19:02:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42852
 19; 5902.0; 11-MAY-2010 19:04:38; Dark ; 41.0; 63; Bet Gru ; 2.15; 2800;occ; 82; 0;42852
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 21; 6318.5; 11-MAY-2010 19:11:35; Dark ; 44.0; 45; Alp Pav ; 1.94; 26000;occ; 88; 0;42853
 22; 6761.2; 11-MAY-2010 19:18:58; Dark ; 48.5; 141; Bet Ara ; 2.84; 4600;occ; 97; 0;42853
 23; 6904.9; 11-MAY-2010 19:21:21; Dark ; 55.5; 40; The Sco ; 1.86; 7100;occ; 111; 0;42853

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 3; -132.9; 11-MAY-2010 22:25:51; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;42854
 4; -51.5; 11-MAY-2010 22:27:13; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;42854
 5; 283.9; 11-MAY-2010 22:32:48; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;42855
 6; 726.1; 11-MAY-2010 22:40:10; Dark ; 45.0; 141; Bet Ara ; 2.84; 4600;occ; 90; 0;42855
 7; 870.6; 11-MAY-2010 22:42:35; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;42855
 8; 981.9; 11-MAY-2010 22:44:26; Dark ; 55.0; 25; 35Lam Sco ; 1.62; 28000;occ; 110; 0;42855
 9; 1134.6; 11-MAY-2010 22:46:59; Dark ; 54.5; 75; 26Eps Sco ; 2.29; 4250;occ; 109; 0;42855
 10; 1330.3; 11-MAY-2010 22:50:15; Dark ; 66.5; 16; 21Alp Sco ; 1.02; 3000;occ; 133; 0;42855
 11; 1440.6; 11-MAY-2010 22:52:05; Dark ; 59.5; 80; 7Del Sco ; 2.32; 30000;occ; 119; 0;42855
 12; 1607.9; 11-MAY-2010 22:54:52; Bright; 39.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 79; 0;42855
 13; 1725.3; 11-MAY-2010 22:56:50; Bright; 42.5; 104; 27Bet Lib ; 2.61; 13100;occ; 85; 0;42855
 14; 2237.3; 11-MAY-2010 23:05:22; Bright; 36.5; 3; 16Alp Boo ; -0.05; 4250;occ; 73; 0;42855
 15; 2396.1; 11-MAY-2010 23:08:00; Bright; 41.5; 83; ; 2.38; 11000;occ; 83; 0;42855
 16; 2582.4; 11-MAY-2010 23:11:07; Bright; 38.5; 180; 27Gam Boo ; 3.04; 8000;occ; 77; 0;42855
 17; 2747.4; 11-MAY-2010 23:13:52; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;42855
 18; 3121.9; 11-MAY-2010 23:20:06; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;42855
 19; 3774.1; 11-MAY-2010 23:30:58; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;42855
 20; 3964.2; 11-MAY-2010 23:34:08; Bright; 54.0; 74; 11Bet Cas ; 2.27; 6600;occ; 108; 0;42855
 21; 4565.9; 11-MAY-2010 23:44:10; Dark ; 60.0; 93; 53Bet Peg ; 2.52; 3100;occ; 120; 0;42855
 22; 4746.7; 11-MAY-2010 23:47:11; Dark ; 39.5; 140; 88Gam Peg ; 2.83; 26000;occ; 79; 0;42855
 23; 4832.1; 11-MAY-2010 23:48:36; Dark ; 50.5; 90; 54Alp Peg ; 2.49; 11000;occ; 101; 0;42855

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 2; 980.7; 11-MAY-2010 19:23:13; Dark ; 55.5; 25; 35Lam Sco ; 1.62; 28000;occ; 111; 0;42853
 3; 1133.5; 11-MAY-2010 19:25:46; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;42853
 4; 1329.2; 11-MAY-2010 19:29:02; Dark ; 69.0; 16; 21Alp Sco ; 1.02; 3000;occ; 138; 0;42853
 5; 1440.2; 11-MAY-2010 19:30:53; Dark ; 54.0; 80; 7Del Sco ; 2.32; 30000;occ; 108; 0;42853
 6; 1608.0; 11-MAY-2010 19:33:40; Bright; 39.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 79; 0;42853
 7; 1725.4; 11-MAY-2010 19:35:38; Bright; 42.0; 104; 27Bet Lib ; 2.61; 13100;occ; 84; 0;42853
 8; 2237.3; 11-MAY-2010 19:44:10; Bright; 39.0; 3; 16Alp Boo ; -0.05; 4250;occ; 78; 0;42853
 9; 2396.5; 11-MAY-2010 19:46:49; Bright; 39.5; 83; ; 2.38; 11000;occ; 79; 0;42853
 10; 2583.0; 11-MAY-2010 19:49:56; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;42853
 11; 2747.7; 11-MAY-2010 19:52:40; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;42853
 12; 3122.9; 11-MAY-2010 19:58:55; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;42853
 13; 3775.3; 11-MAY-2010 20:09:48; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;42853
 14; 3964.5; 11-MAY-2010 20:12:57; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;42853
 15; 4565.7; 11-MAY-2010 20:22:58; Dark ; 56.0; 93; 53Bet Peg ; 2.52; 3100;occ; 112; 0;42853
 16; 4746.3; 11-MAY-2010 20:25:59; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;42853
 17; 4831.1; 11-MAY-2010 20:27:24; Dark ; 48.5; 90; 54Alp Peg ; 2.49; 11000;occ; 97; 0;42853
 18; 5632.7; 11-MAY-2010 20:40:45; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;42853
 19; 5775.8; 11-MAY-2010 20:43:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42853

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21; 5983.8; 11-MAY-2010 20:46:36; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 0;42853
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
24; 6905.5; 11-MAY-2010 21:01:58; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;42854
25; 7017.1; 11-MAY-2010 21:03:50; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;42854
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 4; -50.7; 12-MAY-2010 00:07:49; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;42855
 5; 284.7; 12-MAY-2010 00:13:25; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;42856
 6; 726.8; 12-MAY-2010 00:20:47; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;42856
 7; 871.1; 12-MAY-2010 00:23:11; Dark ; 52.0; 40; The Sco ; 1.86; 7100;occ; 104; 0;42856
 8; 982.7; 12-MAY-2010 00:25:03; Dark ; 60.0; 25; 35Lam Sco ; 1.62; 28000;occ; 120; 0;42856
 9; 1135.3; 12-MAY-2010 00:27:35; Dark ; 54.5; 75; 26Eps Sco ; 2.29; 4250;occ; 109; 0;42856
10; 1330.4; 12-MAY-2010 00:30:51; Dark ; 58.0; 16; 21Alp Sco ; 1.02; 3000;occ; 116; 0;42856
11; 1441.0; 12-MAY-2010 00:32:41; Dark ; 59.0; 80; 7Del Sco ; 2.32; 30000;occ; 118; 0;42856
12; 1608.2; 12-MAY-2010 00:35:28; Bright; 40.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 80; 0;42856
13; 1725.4; 12-MAY-2010 00:37:26; Bright; 42.0; 104; 27Bet Lib ; 2.61; 13100;occ; 84; 0;42856
14; 2237.3; 12-MAY-2010 00:45:57; Bright; 38.0; 3; 16Alp Boo ; -0.05; 4250;occ; 76; 0;42856
15; 2395.7; 12-MAY-2010 00:48:36; Bright; 40.5; 83; ; 2.38; 11000;occ; 81; 0;42856
16; 2582.5; 12-MAY-2010 00:51:43; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;42856
17; 2747.5; 12-MAY-2010 00:54:28; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;42856
18; 3121.5; 12-MAY-2010 01:00:42; Bright; 43.5; 119; 14Eta Dra ; 2.73; 4700;occ; 87; 0;42856
19; 3773.6; 12-MAY-2010 01:11:34; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;42856
20; 3964.3; 12-MAY-2010 01:14:44; Bright; 34.5; 74; 11Bet Cas ; 2.27; 6600;occ; 69; 0;42856
21; 4566.2; 12-MAY-2010 01:24:46; Dark ; 63.5; 93; 53Bet Peg ; 2.52; 3100;occ; 127; 0;42856
22; 4746.9; 12-MAY-2010 01:27:47; Dark ; 40.5; 140; 88Gam Peg ; 2.83; 26000;occ; 81; 0;42856
23; 4832.6; 12-MAY-2010 01:29:13; Dark ; 51.5; 90; 54Alp Peg ; 2.49; 11000;occ; 103; 0;42856
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 3; -131.4; 12-MAY-2010 01:47:05; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;42856
 4; -49.7; 12-MAY-2010 01:48:26; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;42856
 5; 285.6; 12-MAY-2010 01:54:02; Dark ; 45.5; 45; Alp Pav ; 1.94; 26000;occ; 91; 0;42857
 6; 727.3; 12-MAY-2010 02:01:23; Dark ; 49.0; 141; Bet Ara ; 2.84; 4600;occ; 98; 0;42857
 7; 871.9; 12-MAY-2010 02:03:48; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;42857
 8; 983.8; 12-MAY-2010 02:05:40; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;42857
 9; 1135.7; 12-MAY-2010 02:08:12; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;42857
10; 1330.8; 12-MAY-2010 02:11:27; Dark ; 58.5; 16; 21Alp Sco ; 1.02; 3000;occ; 117; 0;42857
11; 1441.2; 12-MAY-2010 02:13:17; Dark ; 49.5; 80; 7Del Sco ; 2.32; 30000;occ; 99; 0;42857
12; 1608.2; 12-MAY-2010 02:16:04; Bright; 40.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 80; 0;42857
13; 1725.5; 12-MAY-2010 02:18:02; Bright; 41.5; 104; 27Bet Lib ; 2.61; 13100;occ; 83; 0;42857
14; 2237.0; 12-MAY-2010 02:26:33; Bright; 40.5; 3; 16Alp Boo ; -0.05; 4250;occ; 81; 0;42857
15; 2395.3; 12-MAY-2010 02:29:11; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;42857
16; 2582.4; 12-MAY-2010 02:32:18; Bright; 40.0; 180; 27Gam Boo ; 3.04; 8000;occ; 80; 0;42857
17; 2747.3; 12-MAY-2010 02:35:03; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;42857
18; 3121.2; 12-MAY-2010 02:41:17; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;42857
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 3; -1469.3; 12-MAY-2010 03:05:23; Dark ; 64.5; 93; 53Bet Peg ; 2.52; 3100;occ; 129; 0;42857
 4; -1288.5; 12-MAY-2010 03:08:23; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;42857
 5; -1202.6; 12-MAY-2010 03:09:49; Dark ; 50.5; 90; 54Alp Peg ; 2.49; 11000;occ; 101; 0;42857
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 7; -256.9; 12-MAY-2010 03:25:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42857
 8; -130.8; 12-MAY-2010 03:27:41; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;42857
 9; -49.0; 12-MAY-2010 03:29:03; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;42857
10; 286.0; 12-MAY-2010 03:34:38; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;42858
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
14; 1136.3; 12-MAY-2010 03:48:48; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;42858
15; 1331.4; 12-MAY-2010 03:52:03; Dark ; 68.0; 16; 21Alp Sco ; 1.02; 3000;occ; 136; 0;42858
16; 1441.4; 12-MAY-2010 03:53:53; Dark ; 59.0; 80; 7Del Sco ; 2.32; 30000;occ; 118; 0;42858
17; 1608.4; 12-MAY-2010 03:56:40; Bright; 38.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 76; 0;42858
18; 1725.7; 12-MAY-2010 03:58:38; Bright; 42.0; 104; 27Bet Lib ; 2.61; 13100;occ; 84; 0;42858

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22; 2747.5; 12-MAY-2010 04:15:39; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;42858
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11; 728.3; 12-MAY-2010 05:22:36; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;42859
12; 873.3; 12-MAY-2010 05:25:01; Dark ; 53.5; 40; The Sco ; 1.86; 7100;occ; 107; 0;42859
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4; 2394.7; 12-MAY-2010 07:30:59; Bright; 39.5; 83; ; 2.38; 11000;occ; 79; 0;42860
5; 2581.6; 12-MAY-2010 07:34:06; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;42860
6; 2747.3; 12-MAY-2010 07:36:51; Bright; 39.0; 39; 85Eta UMa ; 1.85; 24000;occ; 78; 0;42860
7; 3119.7; 12-MAY-2010 07:43:04; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;42860
8; 3772.3; 12-MAY-2010 07:53:56; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;42860
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 6; 3118.5; 12-MAY-2010 11:04:14; Bright; 43.0; 119; 14Eta Dra ; 2.73; 4700;occ; 86; 0;42862
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 8; 3771.1; 12-MAY-2010 12:55:43; Bright; 43.0; 89; 5Alp Cep ; 2.45; 8000;occ; 86; 0;42863
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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
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 17; 5786.5; 12-MAY-2010 18:31:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42866
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 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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 9; 2393.0; 12-MAY-2010 19:15:08; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;42867
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 13; 3769.4; 12-MAY-2010 19:38:05; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 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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 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
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 9; 2392.6; 12-MAY-2010 20:55:44; Bright; 39.5; 83; ; 2.38; 11000;occ; 79; 0;42868
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 13; 3769.1; 12-MAY-2010 21:18:41; Bright; 44.0; 89; 5Alp Cep ; 2.45; 8000;occ; 88; 0;42868
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 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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16; 2392.5; 12-MAY-2010 22:36:20; Bright; 41.5; 83; ; 2.38; 11000;occ; 83; 0;42869
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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21; 3964.0; 12-MAY-2010 23:02:31; Bright; 54.0; 74; 11Bet Cas ; 2.27; 6600;occ; 108; 0;42869
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
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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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17; 2579.7; 13-MAY-2010 00:20:03; Bright; 39.0; 180; 27Gam Boo ; 3.04; 8000;occ; 78; 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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12; 1725.4; 13-MAY-2010 01:46:24; Bright; 42.0; 104; 27Bet Lib ; 2.61; 13100;occ; 84; 0;42871
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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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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
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18; 2384.9; 15-MAY-2010 05:55:58; Bright; 42.5; 83; ; 2.38; 11000;occ; 85; 0;42902
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9; 3752.0; 15-MAY-2010 16:22:20; Bright; 65.0; 89; 5Alp Cep ; 2.45; 8000;occ; 130; 0;42908
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13; 4858.1; 15-MAY-2010 16:40:46; Dark ; 54.0; 90; 54Alp Peg ; 2.49; 11000;occ; 108; 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
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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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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
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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
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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
13; 3961.8; 15-MAY-2010 19:47:02; Bright; 55.0; 74; 11Bet Cas ; 2.27; 6600;occ; 110; 0;42910
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
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18; 5823.8; 15-MAY-2010 20:18:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42910
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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
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2; 1020.7; 15-MAY-2010 20:38:37; Dark ; 53.5; 25; 35Lam Sco ; 1.62; 28000;occ; 107; 0;42911
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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4; 324.3; 15-MAY-2010 22:07:37; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;42912
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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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
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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
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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
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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
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 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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 15; 2570.9; 16-MAY-2010 00:25:39; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 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
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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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9; 378.2; 21-MAY-2010 07:14:37; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;42989
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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
7; 3937.4; 21-MAY-2010 08:13:56; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;42989
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9; 4526.9; 21-MAY-2010 08:23:45; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;42989
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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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 11; 4787.3; 21-MAY-2010 10:08:42; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 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
 13; 5899.7; 21-MAY-2010 12:07:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;42991
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 15; 6089.6; 21-MAY-2010 12:11:00; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;42992
 16; 6416.3; 21-MAY-2010 12:16:27; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;42992
 17; 6831.1; 21-MAY-2010 12:23:21; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;42992
 18; 6994.6; 21-MAY-2010 12:26:05; Dark ; 47.0; 40; The Sco ; 1.86; 7100;occ; 94; 0;42992
 19; 7105.4; 21-MAY-2010 12:27:56; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;42992
 20; 7233.2; 21-MAY-2010 12:30:04; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;42992
 21; 7408.7; 21-MAY-2010 12:32:59; Dark ; 51.5; 16; 21Alp Sco ; 1.02; 3000;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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 9; 4527.5; 21-MAY-2010 13:25:34; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;42992
 10; 4788.2; 21-MAY-2010 13:29:54; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;42992

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17; 6994.9; 21-MAY-2010 14:06:41; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;42993
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 4; 1377.8; 22-MAY-2010 20:24:27; Dark ; 52.0; 16; 21Alp Sco ; 1.02; 3000;occ; 104; 0;43011
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 6; 1733.4; 22-MAY-2010 20:30:22; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;43011
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 9; 2370.8; 22-MAY-2010 20:41:00; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 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
 12; 3173.5; 22-MAY-2010 20:54:22; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;43011
 13; 3936.8; 22-MAY-2010 21:07:06; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;43011
 14; 4009.5; 22-MAY-2010 21:08:18; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;43011
 15; 4530.4; 22-MAY-2010 21:16:59; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;43011
 16; 4794.9; 22-MAY-2010 21:21:24; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;43011

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 3; -1506.8; 22-MAY-2010 06:11:35; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;43002
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 5; -279.3; 22-MAY-2010 06:32:02; Dark ; 59.5; 18; 24Alp PsA ; 1.17; 9700;occ; 119; 0;43002
 6; -125.1; 22-MAY-2010 06:34:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43002
 7; -35.8; 22-MAY-2010 06:36:06; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;43002
 8; 62.6; 22-MAY-2010 06:37:44; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;43003
 9; 388.1; 22-MAY-2010 06:43:10; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;43003
 10; 800.2; 22-MAY-2010 06:50:02; Dark ; 46.0; 141; Bet Ara ; 2.84; 4600;occ; 92; 0;43003
 11; 964.6; 22-MAY-2010 06:52:46; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;43003
 12; 1075.8; 22-MAY-2010 06:54:37; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;43003
 13; 1201.5; 22-MAY-2010 06:56:43; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;43003
 14; 1375.4; 22-MAY-2010 06:59:37; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;43003
 15; 1521.3; 22-MAY-2010 07:02:03; Bright; 42.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 85; 0;43003
 16; 1732.4; 22-MAY-2010 07:05:34; Bright; 40.0; 104; 27Bet Lib ; 2.61; 13100;occ; 80; 0;43003

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 3; 2027.8; 22-MAY-2010 07:10:29; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;43003
 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
 10; 4529.3; 22-MAY-2010 07:52:11; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;43003
 11; 4791.9; 22-MAY-2010 07:56:33; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;43003
 12; 5757.5; 22-MAY-2010 08:12:39; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;43003

13; 5911.9; 22-MAY-2010 08:15:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43003
 14; 6001.3; 22-MAY-2010 08:16:43; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;43003
 15; 6099.5; 22-MAY-2010 08:18:21; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;43004
 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
 18; 7001.3; 22-MAY-2010 08:33:23; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;43004
 19; 7112.4; 22-MAY-2010 08:35:14; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;43004
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 21; 7411.7; 22-MAY-2010 08:40:13; Dark ; 53.0; 16; 21Alp Sco ; 1.02; 3000;occ; 106; 0;43004
 22; 7557.4; 22-MAY-2010 08:42:39; Bright; 43.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 86; 0;43004
 23; 7769.1; 22-MAY-2010 08:46:11; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;43004

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 2; 1842.6; 22-MAY-2010 08:48:00; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;43004
 3; 2027.9; 22-MAY-2010 08:51:05; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;43004
 4; 2371.1; 22-MAY-2010 08:56:49; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;43004
 5; 2560.8; 22-MAY-2010 08:59:58; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;43004
 6; 3053.6; 22-MAY-2010 09:08:11; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;43004
 7; 3173.9; 22-MAY-2010 09:10:11; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;43004
 8; 3937.2; 22-MAY-2010 09:22:55; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;43004
 9; 4009.7; 22-MAY-2010 09:24:07; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;43004
 10; 4529.3; 22-MAY-2010 09:32:47; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;43004
 11; 4792.5; 22-MAY-2010 09:37:10; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;43004
 12; 5757.9; 22-MAY-2010 09:53:15; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;43004
 13; 5912.8; 22-MAY-2010 09:55:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43004
 14; 6001.6; 22-MAY-2010 09:57:19; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;43004
 15; 6085.9; 22-MAY-2010 09:58:43; Dark ; 48.0; 172; Gam Gru ; 3.00; 13100;occ; 96; 0;43005
 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
 20; 7238.2; 22-MAY-2010 10:17:56; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;43005
 21; 7411.8; 22-MAY-2010 10:20:49; Dark ; 54.0; 16; 21Alp Sco ; 1.02; 3000;occ; 108; 0;43005
 22; 7557.6; 22-MAY-2010 10:23:15; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;43005

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 2; 1842.2; 22-MAY-2010 10:28:36; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;43005
 3; 2027.4; 22-MAY-2010 10:31:41; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;43005
 4; 2371.1; 22-MAY-2010 10:37:24; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;43005
 5; 2560.8; 22-MAY-2010 10:40:34; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;43005
 6; 3053.1; 22-MAY-2010 10:48:46; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;43005
 7; 3173.9; 22-MAY-2010 10:50:47; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;43005
 8; 3937.4; 22-MAY-2010 11:03:31; Bright; 53.5; 76; 27Gam Cas ; 2.30; 30000;occ; 107; 0;43005
 9; 4009.9; 22-MAY-2010 11:04:43; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;43005
 10; 4529.5; 22-MAY-2010 11:13:23; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;43005
 11; 4792.9; 22-MAY-2010 11:17:46; Dark ; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;43005
 12; 5759.1; 22-MAY-2010 11:33:52; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;43005
 13; 5913.8; 22-MAY-2010 11:36:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43005
 14; 6002.5; 22-MAY-2010 11:37:56; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;43005
 15; 6086.7; 22-MAY-2010 11:39:20; Dark ; 48.5; 172; Gam Gru ; 3.00; 13100;occ; 97; 0;43006
 16; 6426.4; 22-MAY-2010 11:45:00; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;43006
 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
 20; 7238.2; 22-MAY-2010 11:58:32; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;43006
 21; 7412.0; 22-MAY-2010 12:01:25; Dark ; 55.0; 16; 21Alp Sco ; 1.02; 3000;occ; 110; 0;43006
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 3; 2027.3; 22-MAY-2010 12:12:16; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;43006
 4; 2371.0; 22-MAY-2010 12:18:00; Bright; 40.5; 83; ; 2.38; 11000;occ; 81; 0;43006
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 9; 4009.4; 22-MAY-2010 12:45:19; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;43006
 10; 4529.8; 22-MAY-2010 12:53:59; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;43006


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13; 5914.8; 22-MAY-2010 13:17:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43006
14; 6003.3; 22-MAY-2010 13:18:32; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;43006
15; 6088.2; 22-MAY-2010 13:19:57; Dark ; 49.0; 172; Gam Gru ; 3.00; 13100;occ; 98; 0;43007
16; 6426.9; 22-MAY-2010 13:25:36; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;43007
17; 6838.3; 22-MAY-2010 13:32:27; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;43007
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 3; 1842.1; 22-MAY-2010 13:49:47; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;43007
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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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10; 4009.5; 22-MAY-2010 14:25:55; Bright; 52.0; 68; 18Alp Cas ; 2.22; 4500;occ; 104; 0;43007
11; 4529.9; 22-MAY-2010 14:34:35; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;43007
12; 4793.8; 22-MAY-2010 14:38:59; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;43007
13; 5761.5; 22-MAY-2010 14:55:07; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;43007
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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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 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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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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 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
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13; 2369.8; 23-MAY-2010 21:49:58; Bright; 41.0; 83; ; 2.38; 11000;occ; 82; 0;43026
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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
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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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 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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 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
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 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
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 5; 3171.3; 24-MAY-2010 13:08:42; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;43035
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 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
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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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 10; 4382.1; 24-MAY-2010 15:09:29; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;43036
 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
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 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
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 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
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 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
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 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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 2; 1094.3; 24-MAY-2010 17:35:53; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;43038
 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
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 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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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
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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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 6; 1735.6; 24-MAY-2010 19:27:10; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;43039
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 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
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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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 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
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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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 6; 1218.3; 25-MAY-2010 10:23:56; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;43048
 7; 1387.0; 25-MAY-2010 10:26:45; Dark ; 57.0; 16; 21Alp Sco ; 1.02; 3000;occ; 114; 0;43048

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6; 3170.7; 25-MAY-2010 10:56:29; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;43048
7; 3935.6; 25-MAY-2010 11:09:14; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;43048
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5; 2368.8; 25-MAY-2010 14:04:19; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;43050
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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

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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

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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
 15; 1351.2; 26-MAY-2010 06:33:20; Dark ; 43.0; 136; 23Tau Sco ; 2.82; 30000;occ; 86; 0;43060
 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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 3;-1651.0; 26-MAY-2010 07:23:54; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;43060
 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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6; -690.4; 26-MAY-2010 07:39:55; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;43060
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
12; 995.7; 26-MAY-2010 08:08:01; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;43061
13; 1105.5; 26-MAY-2010 08:09:51; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;43061
14; 1222.8; 26-MAY-2010 08:11:48; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;43061
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
17; 7032.1; 26-MAY-2010 09:48:37; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;43062
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
20; 7387.4; 26-MAY-2010 11:35:08; Dark ; 43.5; 136; 23Tau Sco ; 2.82; 30000;occ; 87; 0;43063
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
 21; 7567.7; 26-MAY-2010 13:18:45; Bright; 39.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 78; 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
 15; 6047.6; 26-MAY-2010 14:34:00; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;43065
 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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 4; 1225.2; 26-MAY-2010 19:56:02; Dark ; 52.0; 75; 26Eps Sco ; 2.29; 4250;occ; 104; 0;43068
 5; 1352.8; 26-MAY-2010 19:58:09; Dark ; 44.0; 136; 23Tau Sco ; 2.82; 30000;occ; 88; 0;43068
 6; 1531.5; 26-MAY-2010 20:01:08; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;43068
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 9; 2019.2; 26-MAY-2010 20:09:16; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 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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 15; 4540.6; 26-MAY-2010 20:51:17; Dark ; 49.5; 58; 21Alp And ; 2.07; 11000;occ; 99; 0;43068
 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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 6; 829.3; 26-MAY-2010 21:30:02; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;43069
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 10; 1353.2; 26-MAY-2010 21:38:46; Dark ; 46.5; 136; 23Tau Sco ; 2.82; 30000;occ; 93; 0;43069
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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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11; 1532.0; 26-MAY-2010 23:22:20; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;43070
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14; 3929.5; 31-MAY-2010 19:43:37; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;43139
15; 4393.3; 31-MAY-2010 19:51:21; Bright; 45.5; 53; 43Bet And ; 2.05; 3300;occ; 91; 0;43139
16; 4554.3; 31-MAY-2010 19:54:02; Dark ; 54.0; 58; 21Alp And ; 2.07; 11000;occ; 108; 0;43139

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17; 4849.1; 31-MAY-2010 19:58:57; Dark ; 53.0; 140; 88Gam Peg ; 2.83; 26000;occ; 106; 0;43139
18; 5276.2; 31-MAY-2010 20:06:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43139
19; 5388.5; 31-MAY-2010 20:07:56; Dark ; 49.0; 52; 16Bet Cet ; 2.04; 4500;occ; 98; 0;43139
20; 5906.6; 31-MAY-2010 20:16:34; Dark ; 68.0; 18; 24Alp PsA ; 1.17; 9700;occ; 136; 0;43139
21; 6108.1; 31-MAY-2010 20:19:56; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;43140
22; 6220.0; 31-MAY-2010 20:21:48; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;43140
23; 6520.3; 31-MAY-2010 20:26:48; Dark ; 46.5; 45; Alp Pav ; 1.94; 26000;occ; 93; 0;43140
24; 6968.5; 31-MAY-2010 20:34:16; Dark ; 39.5; 147; Alp Ara ; 2.88; 26000;occ; 79; 0;43140
25; 7069.9; 31-MAY-2010 20:35:58; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;43140
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1; -758.9; 31-MAY-2010 21:46:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;43140
2; -646.8; 31-MAY-2010 21:48:33; Dark ; 47.0; 52; 16Bet Cet ; 2.04; 4500;occ; 94; 0;43140
3; -128.1; 31-MAY-2010 21:57:11; Dark ; 60.5; 18; 24Alp PsA ; 1.17; 9700;occ; 121; 0;43140
4; 72.8; 31-MAY-2010 22:00:32; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;43141
5; 185.0; 31-MAY-2010 22:02:25; Dark ; 48.5; 31; Alp Gru ; 1.73; 15200;occ; 97; 0;43141
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