

GOMOS Daily Report 19-AUG-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	22AUG2010 04:54:03
Data source version	GOMOS/5.01
Start time of products	19AUG2010 00:01:27
Stop time of products	19AUG2010 23:57:28
Store outputs in DB	Yes
Nb of level 1b prods	136
Nb of prods with errors	1

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

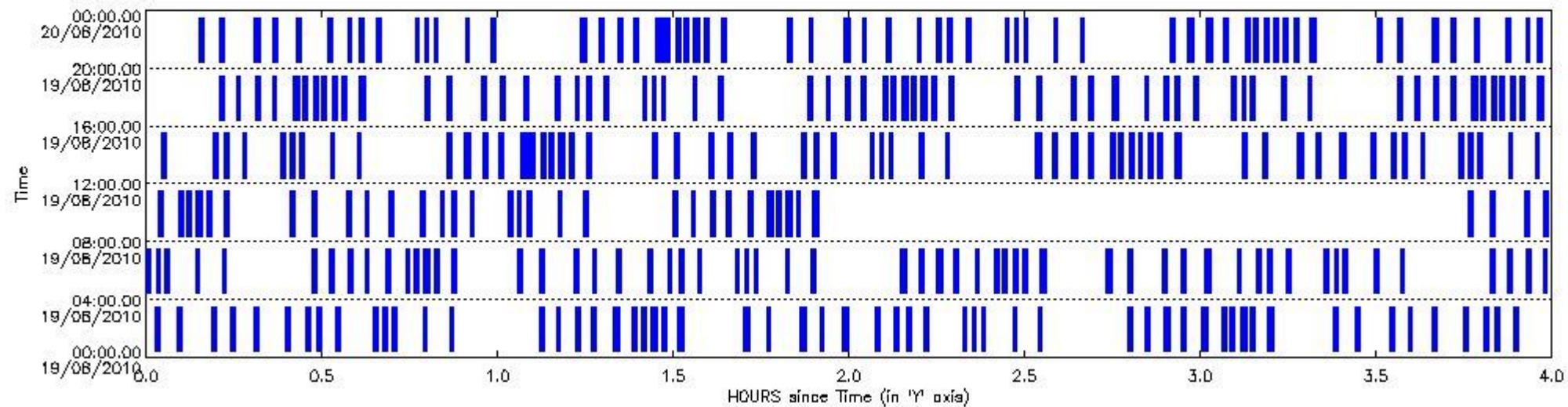
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

No missing products.

2.4 Summary of processed GOM_TRA_1P products

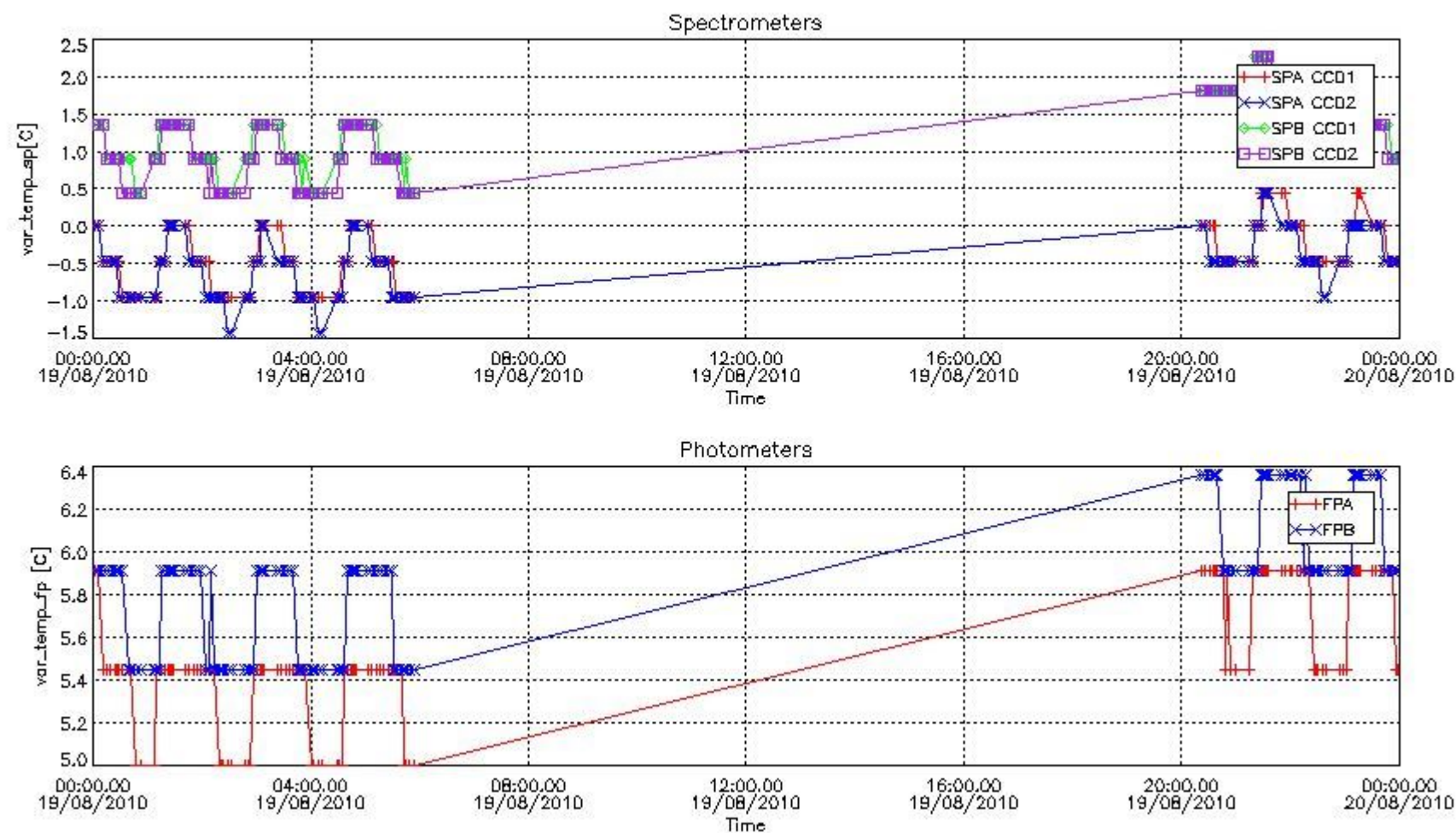
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100819_000127_000000512092_00131_44273_6481.N1	19-AUG-2010 00:01:27	Dark	51.000	157	The1Eri	2.9060	9300.0	102	44273	No
2	GOM_TRA_1PNPDE20100819_000515_000000472092_00131_44273_6482.N1	19-AUG-2010 00:05:15	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44273	No
3	GOM_TRA_1PNPDE20100819_001104_000000512092_00131_44273_6483.N1	19-AUG-2010 00:11:04	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	44273	No
4	GOM_TRA_1PNPDE20100819_001421_000000452092_00131_44273_6484.N1	19-AUG-2010 00:14:21	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44273	No
5	GOM_TRA_1PNPDE20100819_001820_000000582092_00131_44273_6485.N1	19-AUG-2010 00:18:20	Twilight_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	44273	No
6	GOM_TRA_1PNPDE20100819_002349_000000462092_00131_44273_6486.N1	19-AUG-2010 00:23:49	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44273	No
7	GOM_TRA_1PNPDE20100819_002712_000000422092_00131_44273_6487.N1	19-AUG-2010 00:27:12	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	44273	No
8	GOM_TRA_1PNPDE20100819_002907_000000462092_00131_44273_6488.N1	19-AUG-2010 00:29:07	Bright	46.000	162	34Alp Aqr	2.9440	5350.0	92	44273	No
9	GOM_TRA_1PNPDE20100819_003216_000000452092_00131_44273_6489.N1	19-AUG-2010 00:32:16	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44273	No
10	GOM_TRA_1PNPDE20100819_003849_000000382092_00131_44273_6490.N1	19-AUG-2010 00:38:49	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	44273	No
11	GOM_TRA_1PNPDE20100819_004027_000000382092_00131_44273_6491.N1	19-AUG-2010 00:40:27	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	44273	No
12	GOM_TRA_1PNPDE20100819_004201_000000392092_00131_44273_6492.N1	19-AUG-2010 00:42:01	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	44273	No

13	GOM_TRA_1PNPDE20100819_004719_000000392092_00131_44273_6493.N1	19-AUG-2010 00:47:19	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44273	No
14	GOM_TRA_1PNPDE20100819_005149_000000312092_00131_44273_6494.N1	19-AUG-2010 00:51:49	Twilight	31.000	74	11Bet Cas	2.2680	6600.0	62	44273	No
15	GOM_TRA_1PNPDE20100819_010702_000000542092_00131_44273_6495.N1	19-AUG-2010 01:07:02	Bright	53.500	6	13Alp Aur	0.080000	3400.0	107	44273	No
16	GOM_TRA_1PNPDE20100819_011002_000000392092_00131_44273_6496.N1	19-AUG-2010 01:10:02	Bright	38.500	107	37The Aur	2.6490	11000.	77	44273	No
17	GOM_TRA_1PNPDE20100819_011313_000000542092_00131_44273_6497.N1	19-AUG-2010 01:13:13	Twilight	53.500	28	12Bet Tau	1.6500	15200.	107	44273	No
18	GOM_TRA_1PNPDE20100819_011604_000000432092_00131_44273_6498.N1	19-AUG-2010 01:16:04	Twilight	42.500	44	24Gam Gem	1.9280	11000.	85	44273	No
19	GOM_TRA_1PNPDE20100819_011942_000000612092_00131_44273_6499.N1	19-AUG-2010 01:19:42	Dark	61.000	14	58Alp Ori	0.87000	3000.0	122	44273	No
20	GOM_TRA_1PNPDE20100819_012300_000000462092_00131_44273_6500.N1	19-AUG-2010 01:23:00	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	44273	No
21	GOM_TRA_1PNPDE20100819_012427_000000482092_00131_44273_6501.N1	19-AUG-2010 01:24:27	Dark	47.500	125	44Iot Ori	2.7700	30000.	95	44273	No
22	GOM_TRA_1PNPDE20100819_012608_000000622092_00131_44273_6502.N1	19-AUG-2010 01:26:08	Dark	61.500	7	19Bet Ori	0.10000	14000.	123	44273	No
23	GOM_TRA_1PNPDE20100819_012755_000000482092_00131_44273_6503.N1	19-AUG-2010 01:27:55	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	44273	No
24	GOM_TRA_1PNPDE20100819_014204_000000512092_00132_44274_6504.N1	19-AUG-2010 01:42:04	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44274	No
25	GOM_TRA_1PNPDE20100819_014551_000000482092_00132_44274_6505.N1	19-AUG-2010 01:45:51	Dark	47.500	9	Alp Eri	0.45300	24000.	95	44274	No
26	GOM_TRA_1PNPDE20100819_015141_000000622092_00132_44274_6506.N1	19-AUG-2010 01:51:41	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	44274	No
27	GOM_TRA_1PNPDE20100819_015457_000000422092_00132_44274_6507.N1	19-AUG-2010 01:54:57	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	44274	No
28	GOM_TRA_1PNPDE20100819_015856_000000512092_00132_44274_6508.N1	19-AUG-2010 01:58:56	Twilight	51.000	18	24Alp PsA	1.1660	9700.0	102	44274	No
29	GOM_TRA_1PNPDE20100819_020424_000000442092_00132_44274_6509.N1	19-AUG-2010 02:04:24	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	44274	No
30	GOM_TRA_1PNPDE20100819_020748_000000412092_00132_44274_6510.N1	19-AUG-2010 02:07:48	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	44274	No
31	GOM_TRA_1PNPDE20100819_020943_000000482092_00132_44274_6511.N1	19-AUG-2010 02:09:43	Bright	48.000	162	34Alp Aqr	2.9440	5350.0	96	44274	No
32	GOM_TRA_1PNPDE20100819_021251_000000462092_00132_44274_6512.N1	19-AUG-2010 02:12:51	Bright	45.500	61	8Eps Peg	2.1000	3900.0	91	44274	No
33	GOM_TRA_1PNPDE20100819_021924_000000362092_00132_44274_6513.N1	19-AUG-2010 02:19:24	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	44274	No
34	GOM_TRA_1PNPDE20100819_022103_000000392092_00132_44274_6514.N1	19-AUG-2010 02:21:03	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	44274	No
35	GOM_TRA_1PNPDE20100819_022237_000000392092_00132_44274_6515.N1	19-AUG-2010 02:22:37	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	44274	No
36	GOM_TRA_1PNPDE20100819_022755_000000382092_00132_44274_6516.N1	19-AUG-2010 02:27:55	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44274	No
37	GOM_TRA_1PNPDE20100819_023224_000000332092_00132_44274_6517.N1	19-AUG-2010 02:32:24	Twilight	32.500	74	11Bet Cas	2.2680	6600.0	65	44274	No
38	GOM_TRA_1PNPDE20100819_024738_000000482092_00132_44274_6523.N1	19-AUG-2010 02:47:38	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	44274	No
39	GOM_TRA_1PNPDE20100819_025039_000000392092_00132_44274_6524.N1	19-AUG-2010 02:50:39	Bright	38.500	107	37The Aur	2.6490	11000.	77	44274	No
40	GOM_TRA_1PNPDE20100819_025349_000000542092_00132_44274_6525.N1	19-AUG-2010 02:53:49	Twilight	54.000	28	12Bet Tau	1.6500	15200.	108	44274	No
41	GOM_TRA_1PNPDE20100819_025640_000000452092_00132_44274_6526.N1	19-AUG-2010 02:56:40	Twilight	45.000	44	24Gam Gem	1.9280	11000.	90	44274	No
42	GOM_TRA_1PNPDE20100819_030018_000000592092_00132_44274_6527.N1	19-AUG-2010 03:00:18	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	44274	No
43	GOM_TRA_1PNPDE20100819_030337_000000472092_00132_44274_6528.N1	19-AUG-2010 03:03:37	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	44274	No
44	GOM_TRA_1PNPDE20100819_030503_000000482092_00132_44274_6529.N1	19-AUG-2010 03:05:03	Dark	47.500	125	44Iot Ori	2.7700	30000.	95	44274	No
45	GOM_TRA_1PNPDE20100819_030645_000000652092_00132_44274_6530.N1	19-AUG-2010 03:06:45	Dark	64.500	7	19Bet Ori	0.10000	14000.	129	44274	No
46	GOM_TRA_1PNPDE20100819_030831_000000452092_00132_44274_6531.N1	19-AUG-2010 03:08:31	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	44274	No
47	GOM_TRA_1PNPDE20100819_032242_000000542092_00133_44275_6532.N1	19-AUG-2010 03:22:42	Dark	53.500	157	The1Eri	2.9060	9300.0	107	44275	No
48	GOM_TRA_1PNPDE20100819_032628_000000462092_00133_44275_6533.N1	19-AUG-2010 03:26:28	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44275	No
49	GOM_TRA_1PNPDE20100819_033217_000000542092_00133_44275_6534.N1	19-AUG-2010 03:32:17	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44275	No
50	GOM_TRA_1PNPDE20100819_033534_000000392092_00133_44275_6535.N1	19-AUG-2010 03:35:34	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	44275	No
51	GOM_TRA_1PNPDE20100819_033933_000000562092_00133_44275_6536.N1	19-AUG-2010 03:39:33	Twilight	56.000	18	24Alp PsA	1.1660	9700.0	112	44275	No
52	GOM_TRA_1PNPDE20100819_034501_000000442092_00133_44275_6537.N1	19-AUG-2010 03:45:01	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	44275	No
53	GOM_TRA_1PNPDE20100819_034824_000000422092_00133_44275_6538.N1	19-AUG-2010 03:48:24	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	44275	No
54	GOM_TRA_1PNPDE20100819_035019_000000452092_00133_44275_6539.N1	19-AUG-2010 03:50:19	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	44275	No
55	GOM_TRA_1PNPDE20100819_035327_000000432092_00133_44275_6540.N1	19-AUG-2010 03:53:27	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	44275	No
56	GOM_TRA_1PNPDE20100819_040000_000000382092_00133_44275_6541.N1	19-AUG-2010 04:00:00	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	44275	No
57	GOM_TRA_1PNPDE20100819_040139_000000382092_00133_44275_6542.N1	19-AUG-2010 04:01:39	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	44275	No
58	GOM_TRA_1PNPDE20100819_040313_000000382092_00133_44275_6543.N1	19-AUG-2010 04:03:13	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	44275	No
59	GOM_TRA_1PNPDE20100819_040831_000000352092_00133_44275_6544.N1	19-AUG-2010 04:08:31	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	44275	No
60	GOM_TRA_1PNPDE20100819_041300_000000332092_00133_44275_6545.N1	19-AUG-2010 04:13:00	Twilight	32.500	74	11Bet Cas	2.2680	6600.0	65	44275	No
61	GOM_TRA_1PNPDE20100819_042814_000000522092_00133_44275_6551.N1	19-AUG-2010 04:28:14	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	44275	No
62	GOM_TRA_1PNPDE20100819_043115_000000412092_00133_44275_6552.N1	19-AUG-2010 04:31:15	Bright	41.000	107	37The Aur	2.6490	11000.	82	44275	No
63	GOM_TRA_1PNPDE20100819_043425_000000512092_00133_44275_6553.N1	19-AUG-2010 04:34:25	Twilight	51.000	28	12Bet Tau	1.6500	15200.	102	44275	No
64	GOM_TRA_1PNPDE20100819_043716_000000442092_00133_44275_6554.N1	19-AUG-2010 04:37:16	Twilight	43.500	44	24Gam Gem	1.9280	11000.	87	44275	No
65	GOM_TRA_1PNPDE20100819_044055_000000462092_00133_44275_6555.N1	19-AUG-2010 04:40:55	Dark	45.500	14	58Alp Ori	0.87000	3000.0	91	44275	No
66	GOM_TRA_1PNPDE20100819_044414_000000472092_00133_44275_6556.N1	19-AUG-2010 04:44:14	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	44275	No
67	GOM_TRA_1PNPDE20100819_044540_000000472092_00133_44275_6557.N1	19-AUG-2010 04:45:40	Dark	46.500	125	44Iot Ori	2.7700	30000.	93	44275	No
68	GOM_TRA_1PNPDE20100819_044721_000000572092_00133_44275_6558.N1	19-AUG-2010 04:47:21	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	44275	No
69	GOM_TRA_1PNPDE20100819_044908_000000492092_00133_44275_6559.N1	19-AUG-2010 04:49:08	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	44275	No
70	GOM_TRA_1PNPDE20100819_050319_000000512092_00134_44276_6560.N1	19-AUG-2010 05:03:19	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44276	No
71	GOM_TRA_1PNPDE20100819_050704_000000462092_00134_44276_6561.N1	19-AUG-2010 05:07:04	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44276	No

72	GOM_TRA_1PNPDE20100819_051254_000000502092_00134_44276_6562.N1	19-AUG-2010 05:12:54	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44276	No
73	GOM_TRA_1PNPDE20100819_051610_000000412092_00134_44276_6563.N1	19-AUG-2010 05:16:10	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	44276	No
74	GOM_TRA_1PNPDE20100819_052009_000000552092_00134_44276_6564.N1	19-AUG-2010 05:20:09	Tw_i_and_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	44276	No
75	GOM_TRA_1PNPDE20100819_052537_000000442092_00134_44276_6565.N1	19-AUG-2010 05:25:37	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	44276	No
76	GOM_TRA_1PNPDE20100819_052900_000000422092_00134_44276_6566.N1	19-AUG-2010 05:29:00	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	44276	No
77	GOM_TRA_1PNPDE20100819_053055_000000462092_00134_44276_6567.N1	19-AUG-2010 05:30:55	Bright	46.000	162	34Alp Aqr	2.9440	5350.0	92	44276	No
78	GOM_TRA_1PNPDE20100819_053403_000000432092_00134_44276_6568.N1	19-AUG-2010 05:34:03	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	44276	No
79	GOM_TRA_1PNPDE20100819_054036_000000412092_00134_44276_6569.N1	19-AUG-2010 05:40:36	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	44276	No
80	GOM_TRA_1PNPDE20100819_054215_000000392092_00134_44276_6570.N1	19-AUG-2010 05:42:15	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	44276	No
81	GOM_TRA_1PNPDE20100819_054348_000000392092_00134_44276_6571.N1	19-AUG-2010 05:43:48	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	44276	No
82	GOM_TRA_1PNPDE20100819_054907_000000392092_00134_44276_6572.N1	19-AUG-2010 05:49:07	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44276	No
83	GOM_TRA_1PNPDE20100819_055335_000000362092_00134_44276_6573.N1	19-AUG-2010 05:53:35	Bright	35.500	74	11Bet Cas	2.2680	6600.0	71	44276	No
84	GOM_TRA_1PNPDE20100819_202137_000000452092_00143_44285_6672.N1	19-AUG-2010 20:21:37	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44285	No
85	GOM_TRA_1PNPDE20100819_202536_000000562092_00143_44285_6673.N1	19-AUG-2010 20:25:36	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	44285	No
86	GOM_TRA_1PNPDE20100819_203101_000000442092_00143_44285_6674.N1	19-AUG-2010 20:31:01	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	44285	No
87	GOM_TRA_1PNPDE20100819_203424_000000422092_00143_44285_6675.N1	19-AUG-2010 20:34:24	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	44285	No
88	GOM_TRA_1PNPDE20100819_203616_000000462092_00143_44285_6676.N1	19-AUG-2010 20:36:16	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	44285	No
89	GOM_TRA_1PNPDE20100819_203924_000000442092_00143_44285_6677.N1	19-AUG-2010 20:39:24	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	44285	No
90	GOM_TRA_1PNPDE20100819_204558_000000362092_00143_44285_6678.N1	19-AUG-2010 20:45:58	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	44285	No
91	GOM_TRA_1PNPDE20100819_204738_000000352092_00143_44285_6679.N1	19-AUG-2010 20:47:38	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	44285	No
92	GOM_TRA_1PNPDE20100819_204910_000000392092_00143_44285_6680.N1	19-AUG-2010 20:49:10	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	44285	No
93	GOM_TRA_1PNPDE20100819_205428_000000392092_00143_44285_6681.N1	19-AUG-2010 20:54:28	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44285	No
94	GOM_TRA_1PNPDE20100819_205851_000000442092_00143_44285_6682.N1	19-AUG-2010 20:58:51	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44285	No
95	GOM_TRA_1PNPDE20100819_211412_000000512092_00143_44285_6683.N1	19-AUG-2010 21:14:12	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	44285	No
96	GOM_TRA_1PNPDE20100819_211715_000000592092_00143_44285_6684.N1	19-AUG-2010 21:17:15	Bright	58.500	107	37The Aur	2.6490	11000.	117	44285	No
97	GOM_TRA_1PNPDE20100819_212027_000000532092_00143_44285_6685.N1	19-AUG-2010 21:20:27	Tw_i_and_stray	53.000	28	12Bet Tau	1.6500	15200.	106	44285	No
98	GOM_TRA_1PNPDE20100819_212318_000000432092_00143_44285_6686.N1	19-AUG-2010 21:23:18	Tw_i_and_stray	43.000	44	24Gam Gem	1.9280	11000.	86	44285	No
99	GOM_TRA_1PNPDE20100819_212659_000000622092_00143_44285_6687.N1	19-AUG-2010 21:26:59	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	44285	No
100	GOM_TRA_1PNPDE20100819_212823_000000572092_00143_44285_6688.N1	19-AUG-2010 21:28:23	Dark	56.500	27	24Gam Ori	1.6360	26000.	113	44285	No
101	GOM_TRA_1PNPDE20100819_213020_000000562092_00143_44285_6689.N1	19-AUG-2010 21:30:20	Dark	56.000	30	46Eps Ori	1.6940	30000.	112	44285	No
102	GOM_TRA_1PNPDE20100819_213147_000000472092_00143_44285_6692.N1	19-AUG-2010 21:31:47	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	44285	Yes
103	GOM_TRA_1PNPDE20100819_213330_000000572092_00143_44285_6693.N1	19-AUG-2010 21:33:30	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	44285	No
104	GOM_TRA_1PNPDE20100819_213515_000000482092_00143_44285_6694.N1	19-AUG-2010 21:35:15	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	44285	No
105	GOM_TRA_1PNPDE20100819_214930_000000522092_00144_44286_6695.N1	19-AUG-2010 21:49:30	Dark	52.000	157	The1Eri	2.9060	9300.0	104	44286	No
106	GOM_TRA_1PNPDE20100819_215311_000000412092_00144_44286_6696.N1	19-AUG-2010 21:53:11	Dark	41.000	9	Alp Eri	0.45300	24000.	82	44286	No
107	GOM_TRA_1PNPDE20100819_215901_000000632092_00144_44286_6697.N1	19-AUG-2010 21:59:01	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	44286	No
108	GOM_TRA_1PNPDE20100819_220213_000000462092_00144_44286_6698.N1	19-AUG-2010 22:02:13	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	44286	No
109	GOM_TRA_1PNPDE20100819_220612_000000552092_00144_44286_6699.N1	19-AUG-2010 22:06:12	Tw_i_and_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	44286	No
110	GOM_TRA_1PNPDE20100819_221137_000000432092_00144_44286_6700.N1	19-AUG-2010 22:11:37	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	44286	No
111	GOM_TRA_1PNPDE20100819_221459_000000422092_00144_44286_6701.N1	19-AUG-2010 22:14:59	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	44286	No
112	GOM_TRA_1PNPDE20100819_221652_000000492092_00144_44286_6702.N1	19-AUG-2010 22:16:52	Bright	48.500	162	34Alp Aqr	2.9440	5350.0	97	44286	No
113	GOM_TRA_1PNPDE20100819_222000_000000462092_00144_44286_6703.N1	19-AUG-2010 22:20:00	Bright	45.500	61	8Eps Peg	2.1000	3900.0	91	44286	No
114	GOM_TRA_1PNPDE20100819_222634_000000382092_00144_44286_6704.N1	19-AUG-2010 22:26:34	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	44286	No
115	GOM_TRA_1PNPDE20100819_222813_000000372092_00144_44286_6705.N1	19-AUG-2010 22:28:13	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	44286	No
116	GOM_TRA_1PNPDE20100819_222946_000000362092_00144_44286_6706.N1	19-AUG-2010 22:29:46	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	44286	No
117	GOM_TRA_1PNPDE20100819_223503_000000362092_00144_44286_6707.N1	19-AUG-2010 22:35:03	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	44286	No
118	GOM_TRA_1PNPDE20100819_223927_000000442092_00144_44286_6708.N1	19-AUG-2010 22:39:27	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44286	No
119	GOM_TRA_1PNPDE20100819_225448_000000522092_00144_44286_6709.N1	19-AUG-2010 22:54:48	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	44286	No
120	GOM_TRA_1PNPDE20100819_225751_000000572092_00144_44286_6710.N1	19-AUG-2010 22:57:51	Bright	57.000	107	37The Aur	2.6490	11000.	114	44286	No
121	GOM_TRA_1PNPDE20100819_230103_000000542092_00144_44286_6711.N1	19-AUG-2010 23:01:03	Tw_i_and_stray	53.500	28	12Bet Tau	1.6500	15200.	107	44286	No
122	GOM_TRA_1PNPDE20100819_230354_000000462092_00144_44286_6712.N1	19-AUG-2010 23:03:54	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	44286	No
123	GOM_TRA_1PNPDE20100819_230735_000000582092_00144_44286_6713.N1	19-AUG-2010 23:07:35	Dark	57.500	14	58Alp Ori	0.87000	3000.0	115	44286	No
124	GOM_TRA_1PNPDE20100819_230859_000000542092_00144_44286_6714.N1	19-AUG-2010 23:08:59	Dark	53.500	27	24Gam Ori	1.6360	26000.	107	44286	No
125	GOM_TRA_1PNPDE20100819_231056_000000492092_00144_44286_6715.N1	19-AUG-2010 23:10:56	Dark	49.000	30	46Eps Ori	1.6940	30000.	98	44286	No
126	GOM_TRA_1PNPDE20100819_231224_000000492092_00144_44286_6716.N1	19-AUG-2010 23:12:24	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	44286	No
127	GOM_TRA_1PNPDE20100819_231406_000000562092_00144_44286_6715.N1	19-AUG-2010 23:14:06	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	44286	No
128	GOM_TRA_1PNPDE20100819_231551_000000492092_00144_44286_6716.N1	19-AUG-2010 23:15:51	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	44286	No
129	GOM_TRA_1PNPDE20100819_233007_000000512092_00145_44287_6717.N1	19-AUG-2010 23:30:07	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44287	No
130	GOM_TRA_1PNPDE20100819_233347_000000462092_00145_44287_6718.N1	19-AUG-2010 23:33:47	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44287	No

131	GOM_TRA_1PNPDE20100819_233938_00000052092_00145_44287_6719.N1	19-AUG-2010 23:39:38	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	44287	No
132	GOM_TRA_1PNPDE20100819_234249_000000452092_00145_44287_6720.N1	19-AUG-2010 23:42:49	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44287	No
133	GOM_TRA_1PNPDE20100819_234648_000000542092_00145_44287_6721.N1	19-AUG-2010 23:46:48	Twilight_and_stray	54.000	18	24Alp PsA	1.1660	9700.0	108	44287	No
134	GOM_TRA_1PNPDE20100819_235213_000000452092_00145_44287_6722.N1	19-AUG-2010 23:52:13	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44287	No
135	GOM_TRA_1PNPDE20100819_235535_000000422092_00145_44287_6723.N1	19-AUG-2010 23:55:35	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	44287	No
136	GOM_TRA_1PNPDE20100819_235728_000000492092_00145_44287_6724.N1	19-AUG-2010 23:57:28	Bright	48.500	162	34Alp Aqr	2.9440	5350.0	97	44287	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).

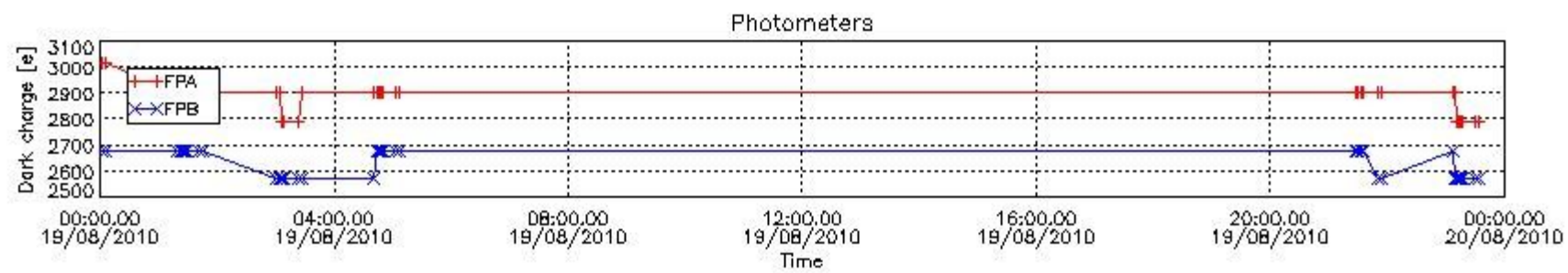
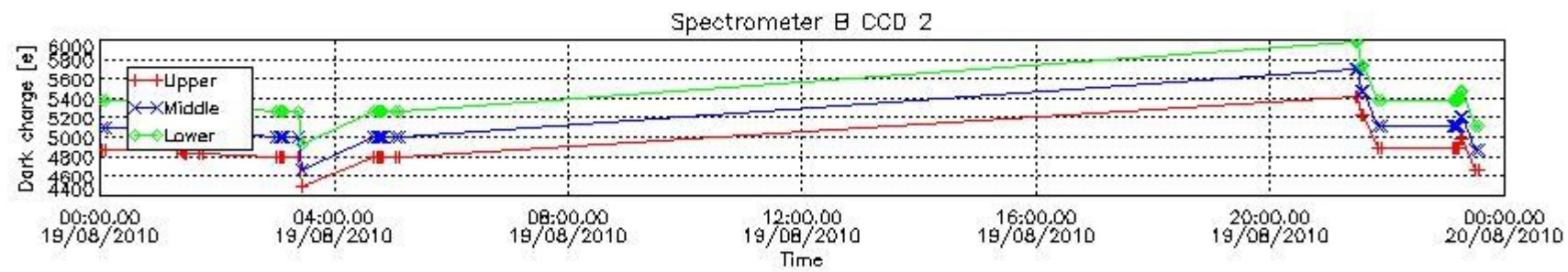
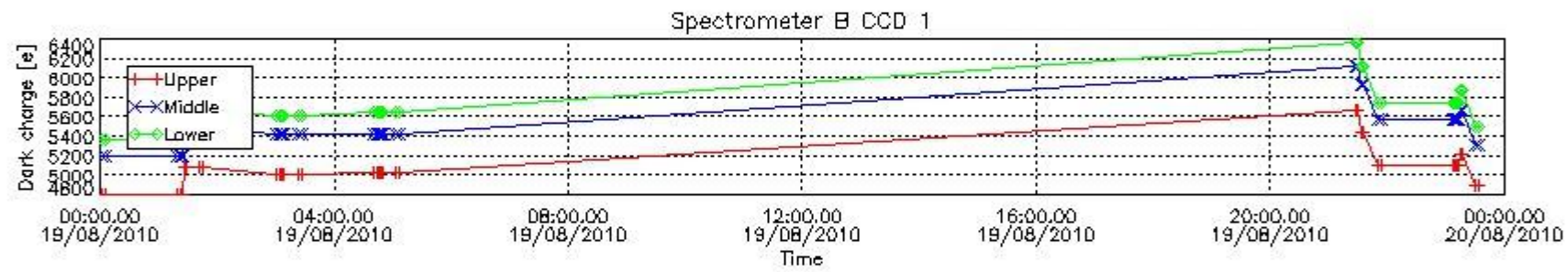
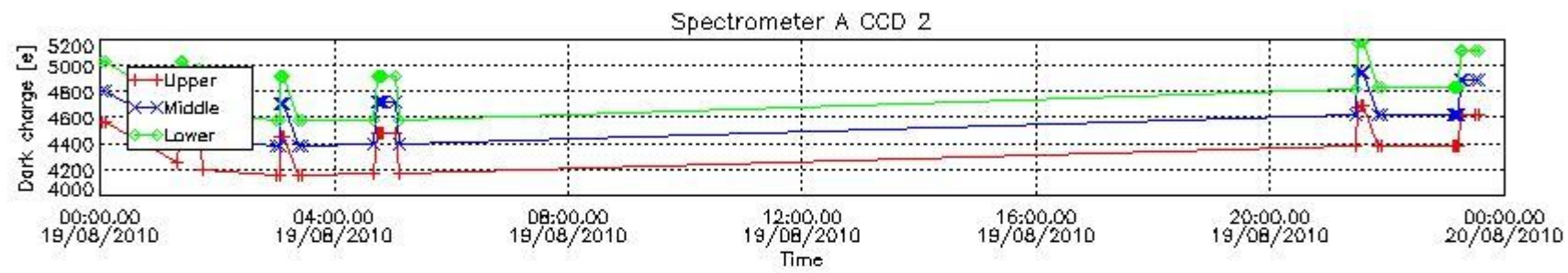
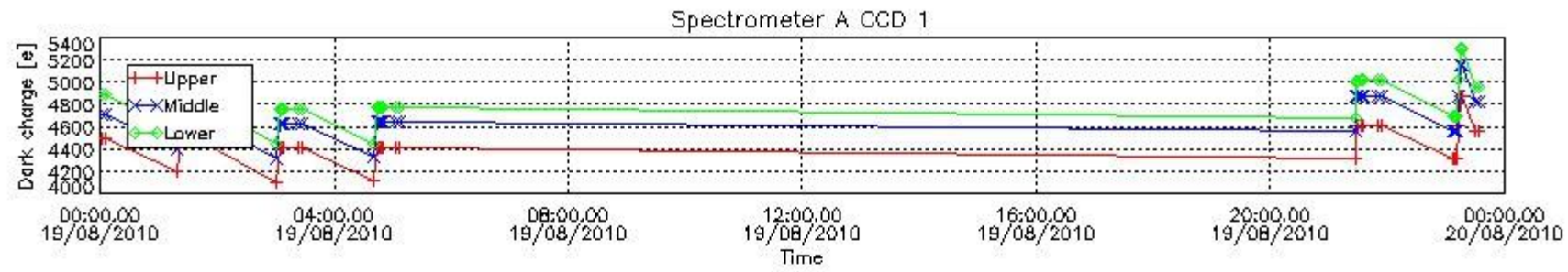
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20100819_202137_000000452092_00143_44285_6672.N1	DC map used
GOM_TRA_1PNPDE20100819_202536_000000562092_00143_44285_6673.N1	DC map used
GOM_TRA_1PNPDE20100819_203101_000000442092_00143_44285_6674.N1	DC map used
GOM_TRA_1PNPDE20100819_203424_000000422092_00143_44285_6675.N1	DC map used

GOM_TRA_1PNPDE20100819_203616_000000462092_00143_44285_6676.N1	DC map used
GOM_TRA_1PNPDE20100819_203924_000000442092_00143_44285_6677.N1	DC map used
GOM_TRA_1PNPDE20100819_204558_000000362092_00143_44285_6678.N1	DC map used
GOM_TRA_1PNPDE20100819_204738_000000352092_00143_44285_6679.N1	DC map used
GOM_TRA_1PNPDE20100819_204910_000000392092_00143_44285_6680.N1	DC map used
GOM_TRA_1PNPDE20100819_205428_000000392092_00143_44285_6681.N1	DC map used
GOM_TRA_1PNPDE20100819_205851_000000442092_00143_44285_6682.N1	DC map used
GOM_TRA_1PNPDE20100819_211412_000000512092_00143_44285_6683.N1	DC map used
GOM_TRA_1PNPDE20100819_211715_000000592092_00143_44285_6684.N1	DC map used
GOM_TRA_1PNPDE20100819_212027_000000532092_00143_44285_6685.N1	DC map used
GOM_TRA_1PNPDE20100819_212318_000000432092_00143_44285_6686.N1	DC map used
GOM_TRA_1PNPDE20100819_212659_000000622092_00143_44285_6687.N1	DC map used
GOM_TRA_1PNPDE20100819_212823_000000572092_00143_44285_6688.N1	DC map used
GOM_TRA_1PNPDE20100819_213020_000000562092_00143_44285_6689.N1	DC map used

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



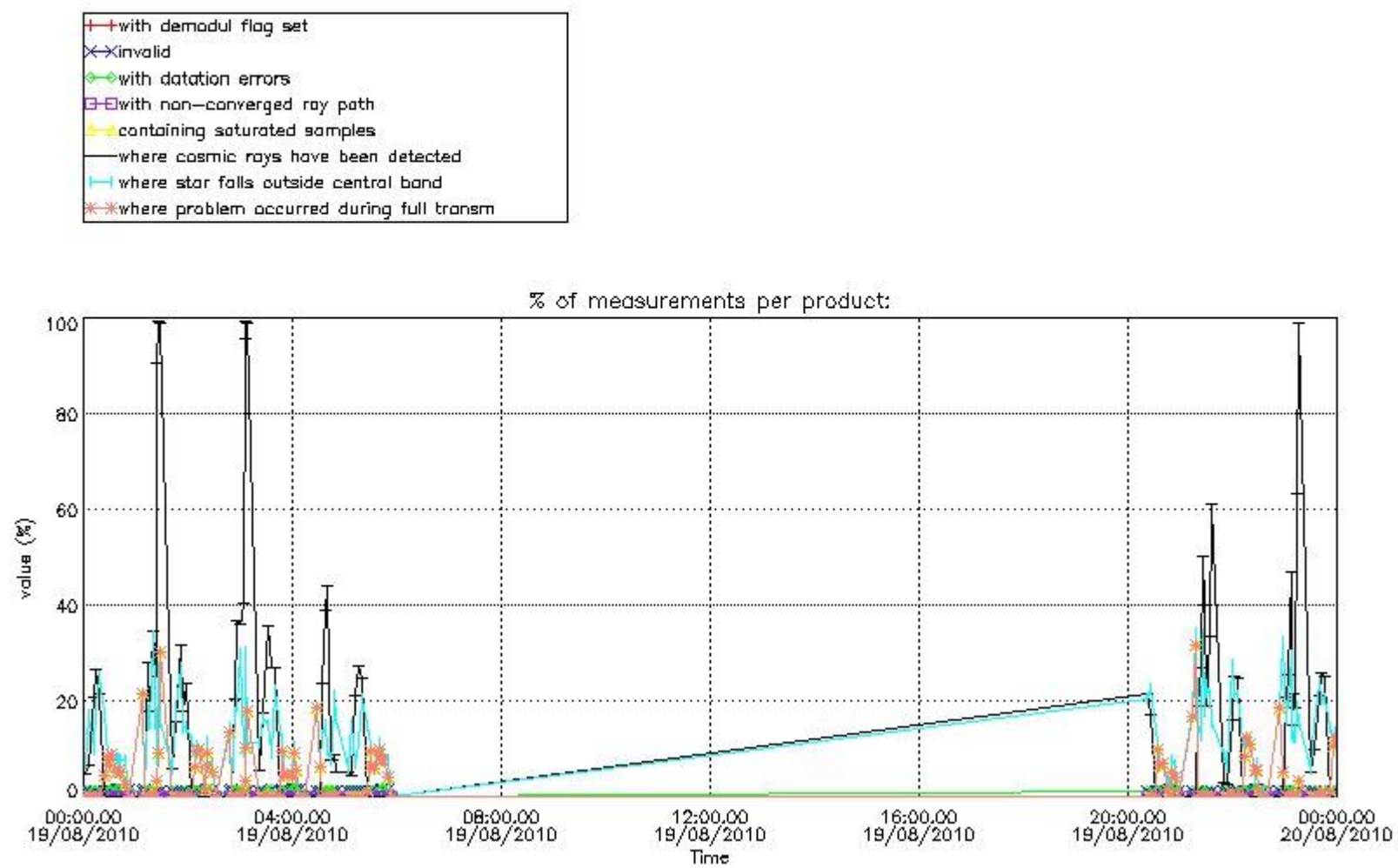
5. Demodulation flag and quality information monitoring

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.

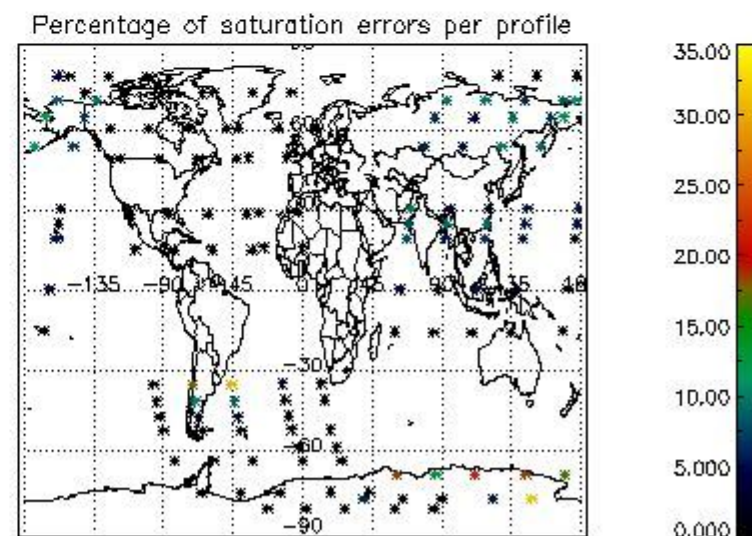
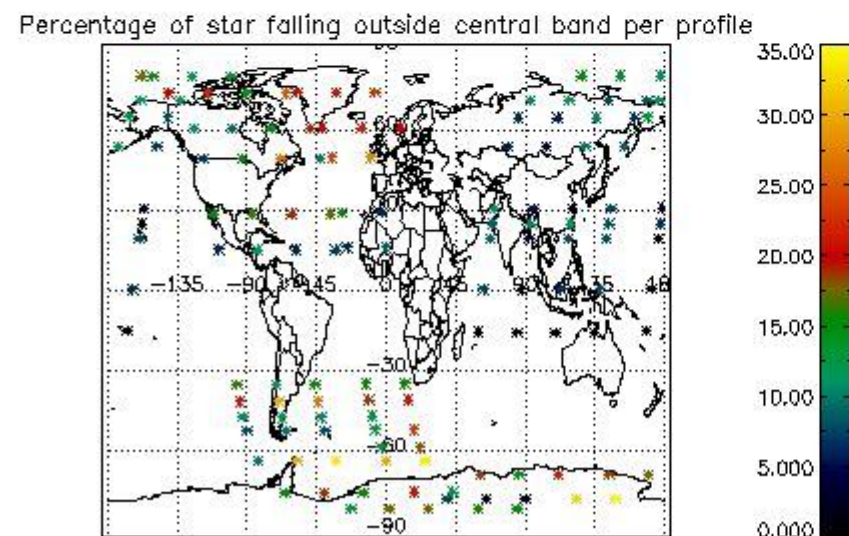
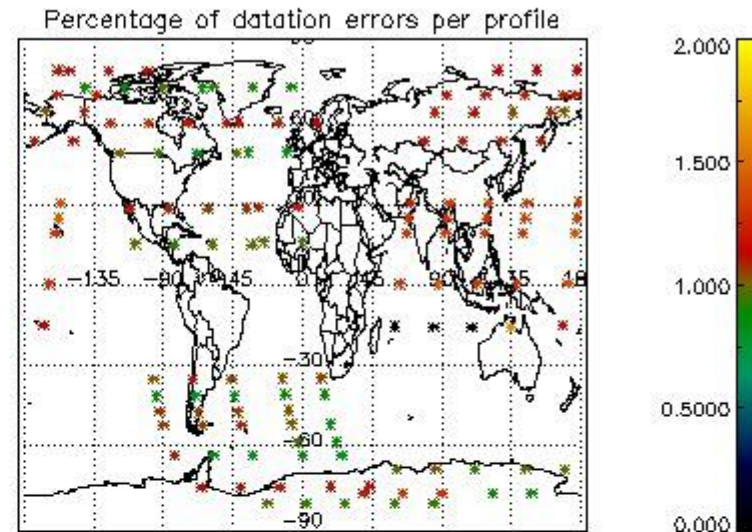
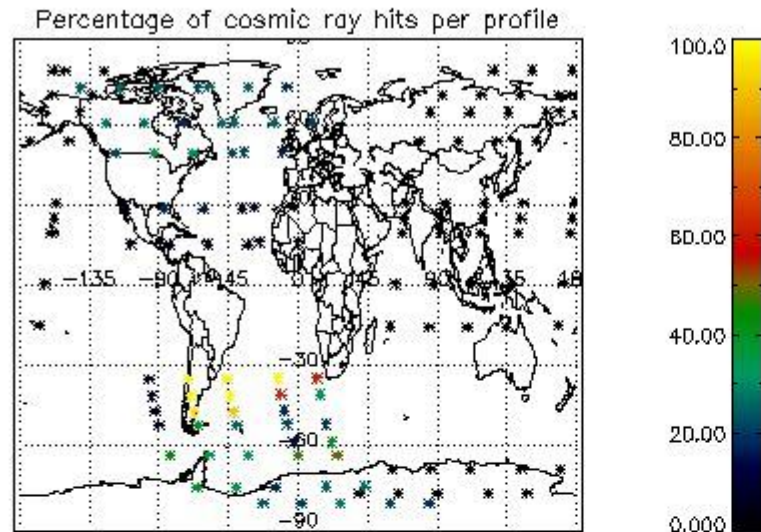
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	41.4815 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



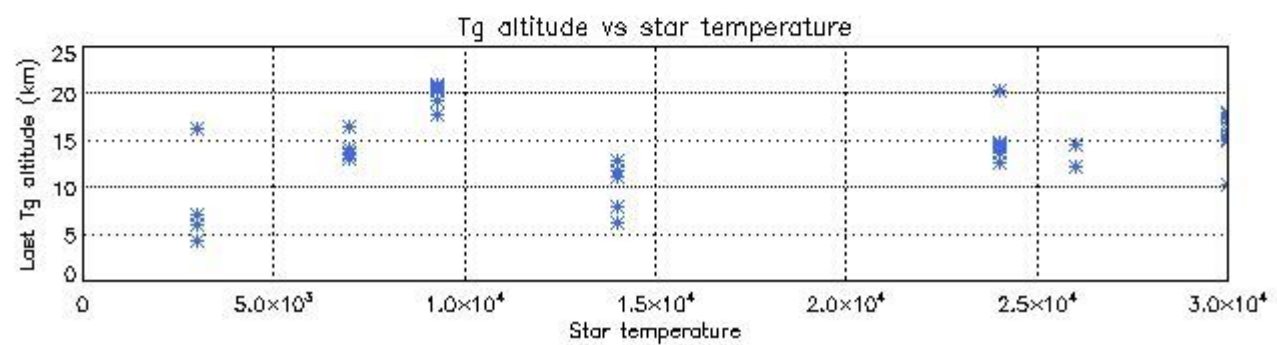
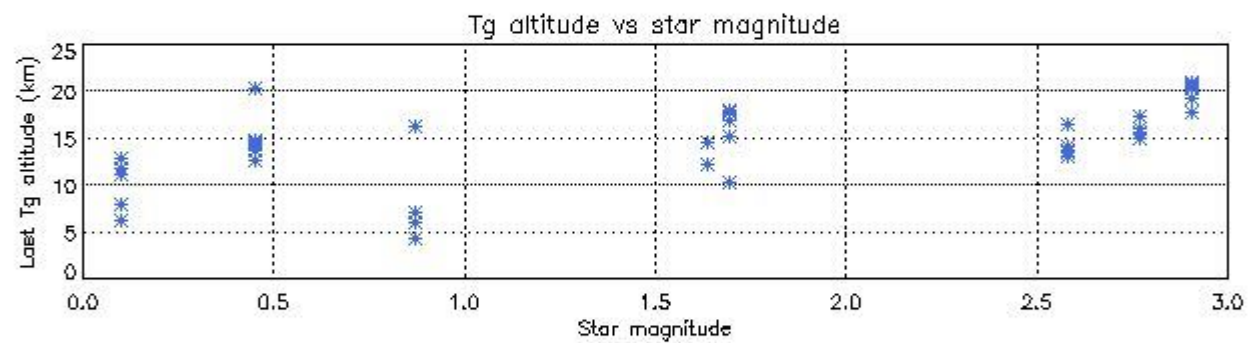
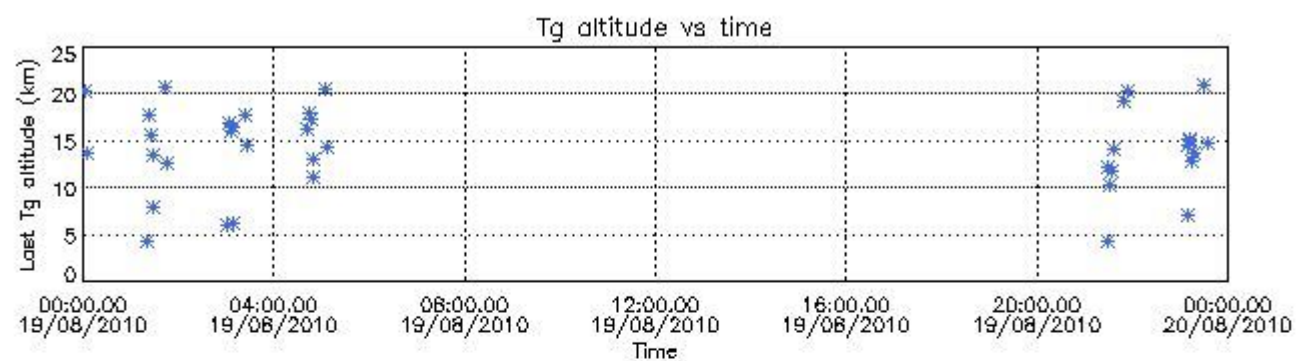
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.125	19.116	NaN
St. deviation:	4.5447	5.8062	NaN
Maximum:	21.033	48.651	NaN
Minimum:	4.1800	4.6231	NaN
Number of data:	38.000	64.000	NaN

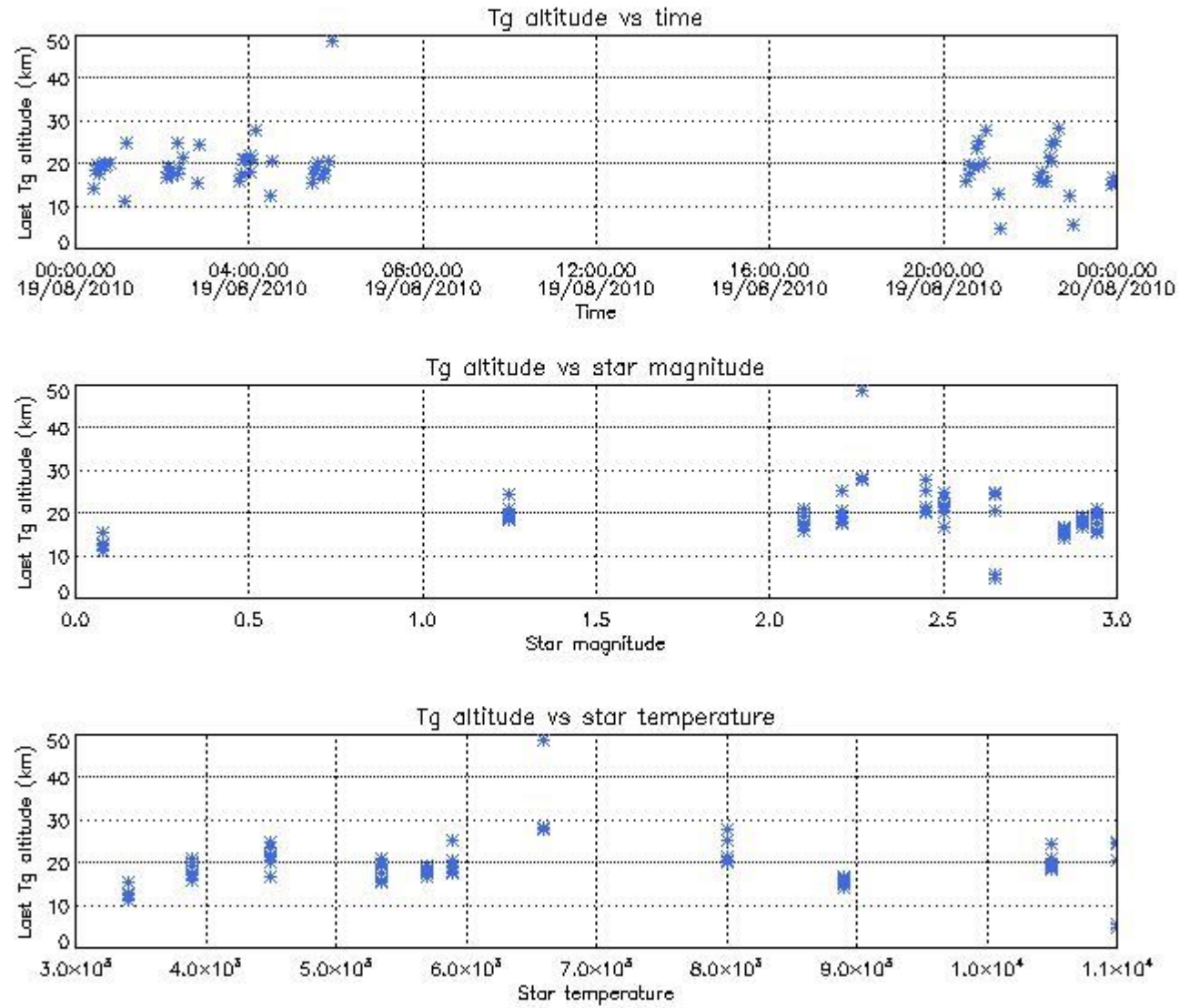
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

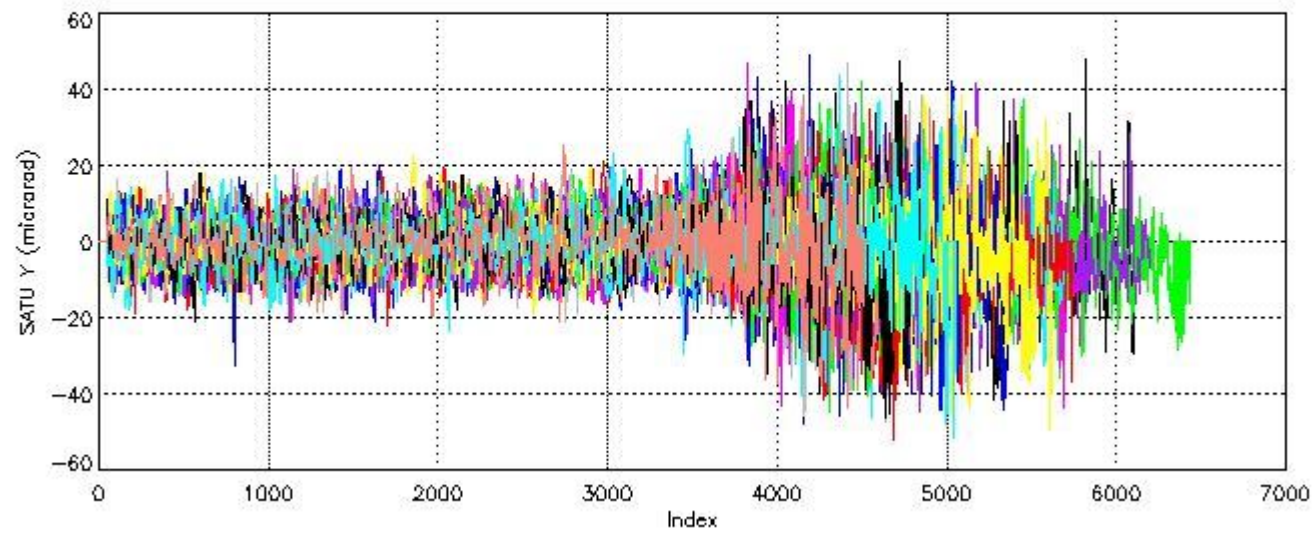
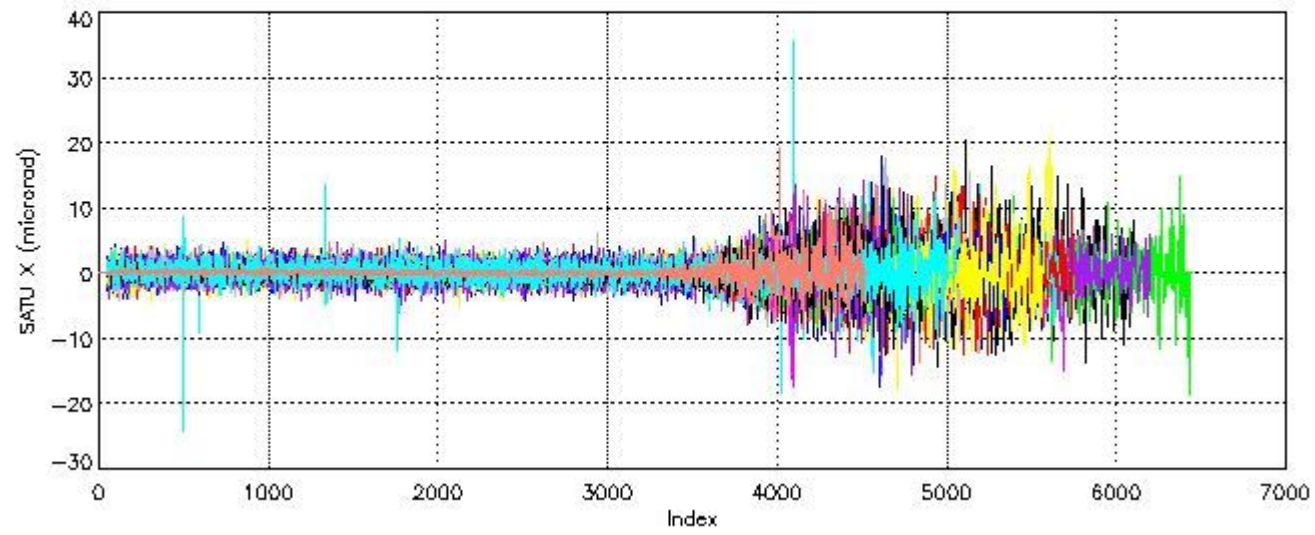


7. Star Acquisition and Tracking Unit (SATU)

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:	0.21142	-0.75379	0.20429	-0.67973
St. deviation:	0.66308	4.8328	0.73578	4.4235
Maximum:	8.7000	18.500	4.3000	18.700
Minimum:	-24.100	-32.500	-10.600	-19.400

Number of data:	41650.	41650.	61300.	61300.
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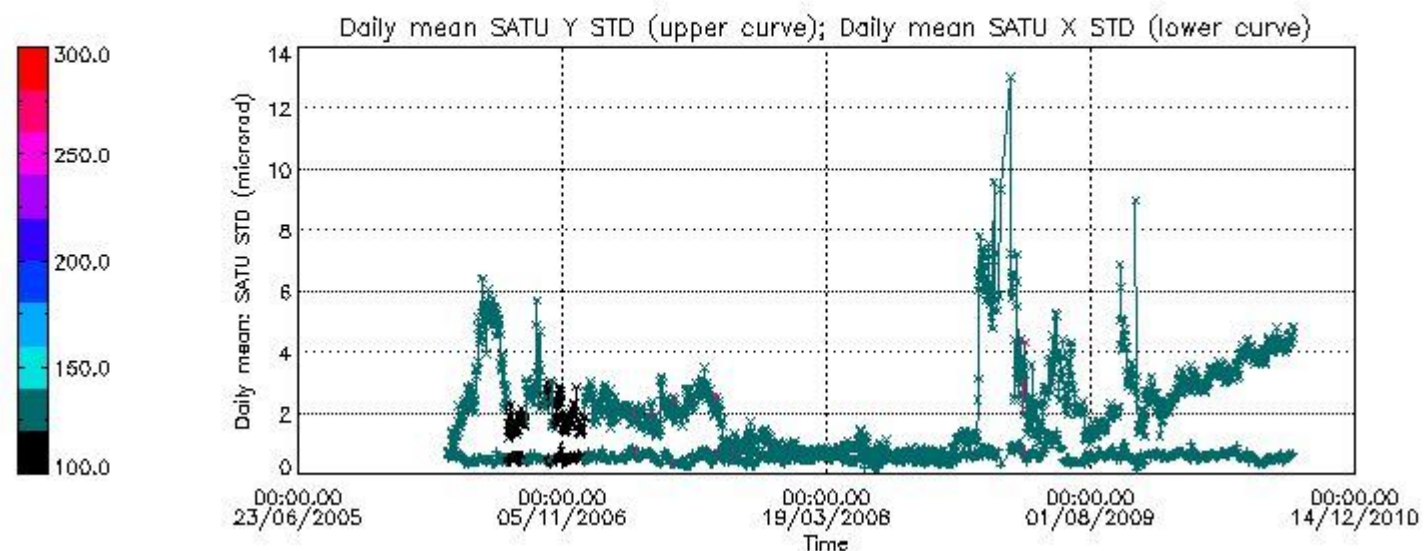
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

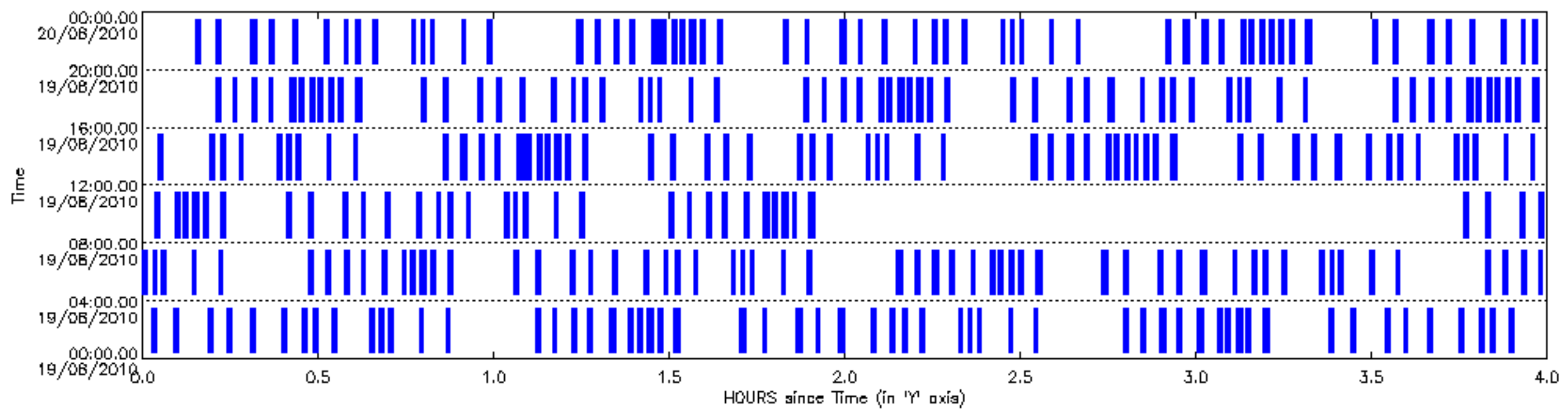
Lower curve: STD of SATU X axis

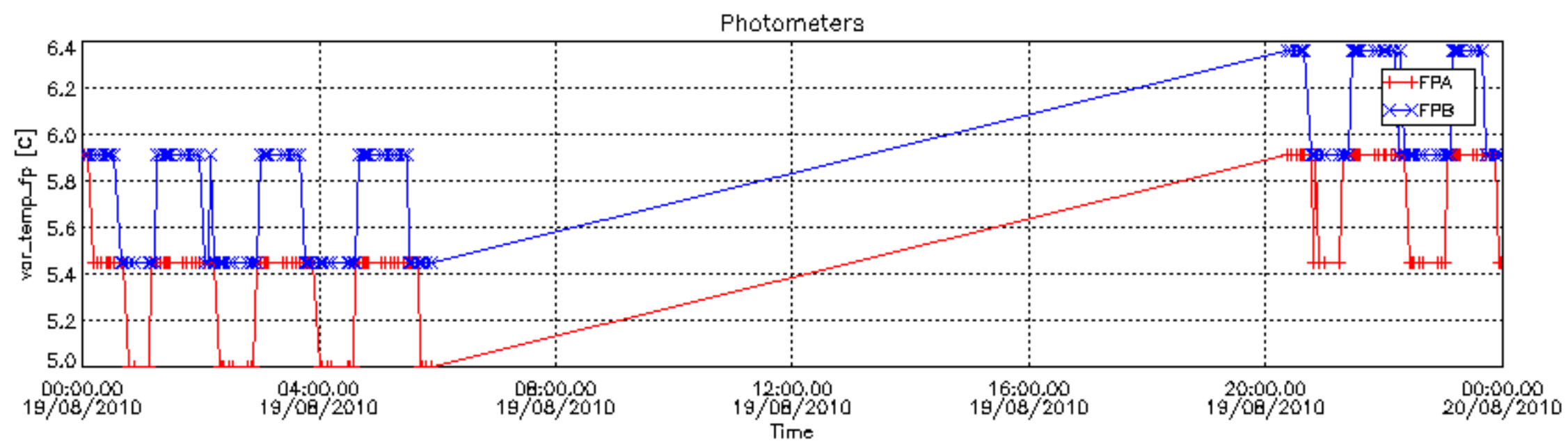
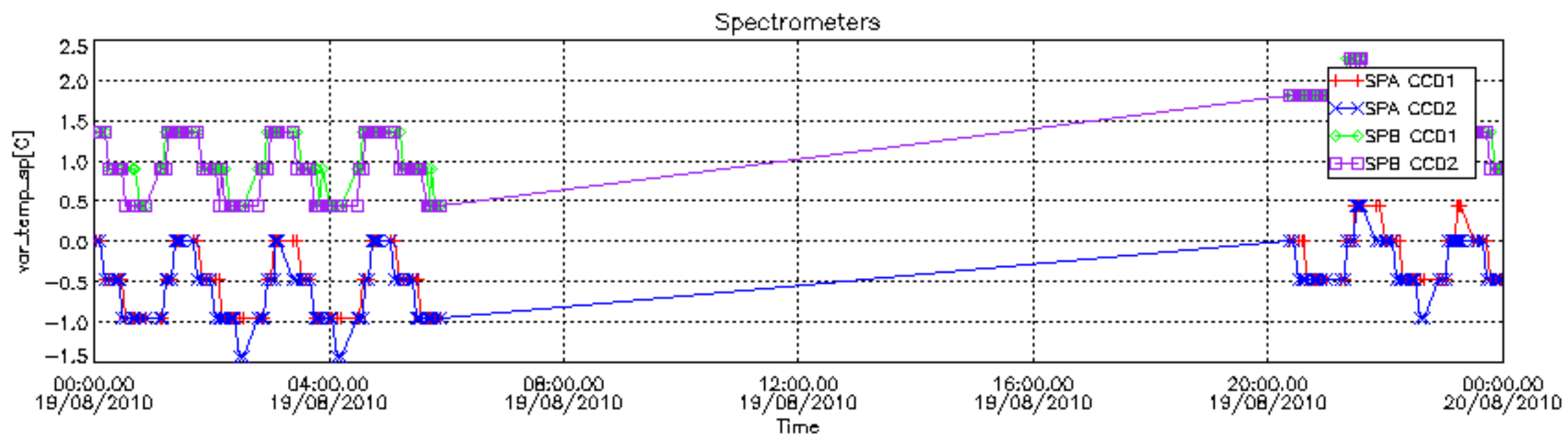


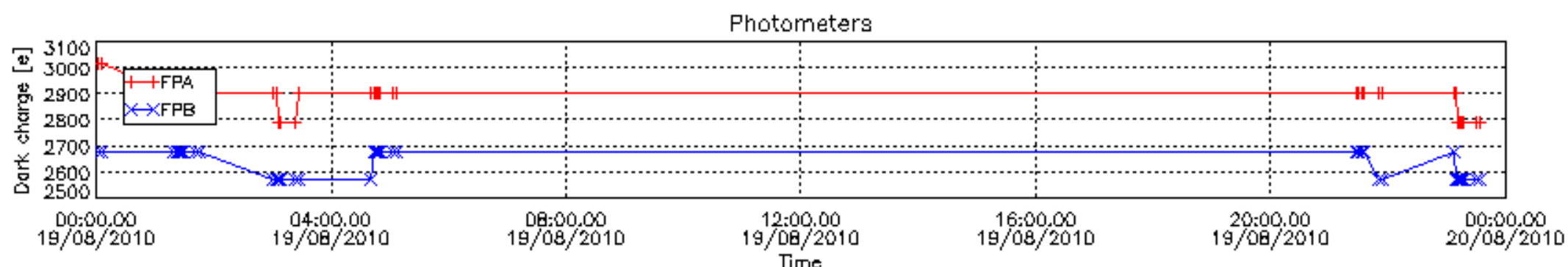
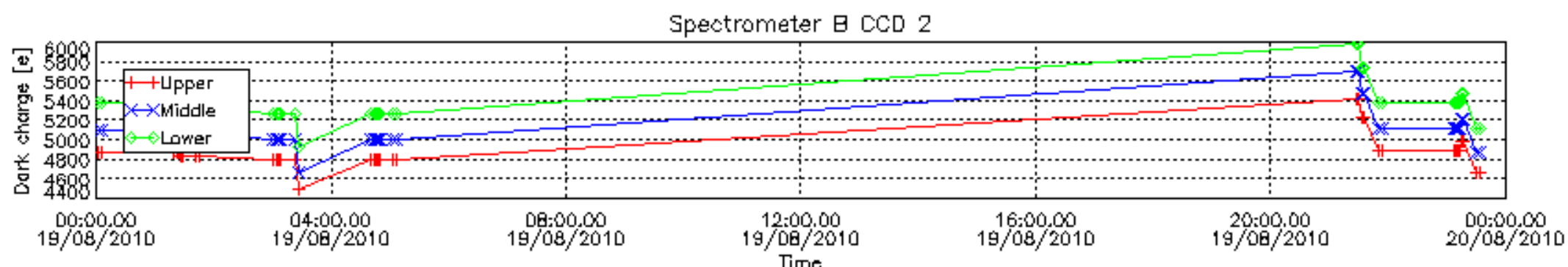
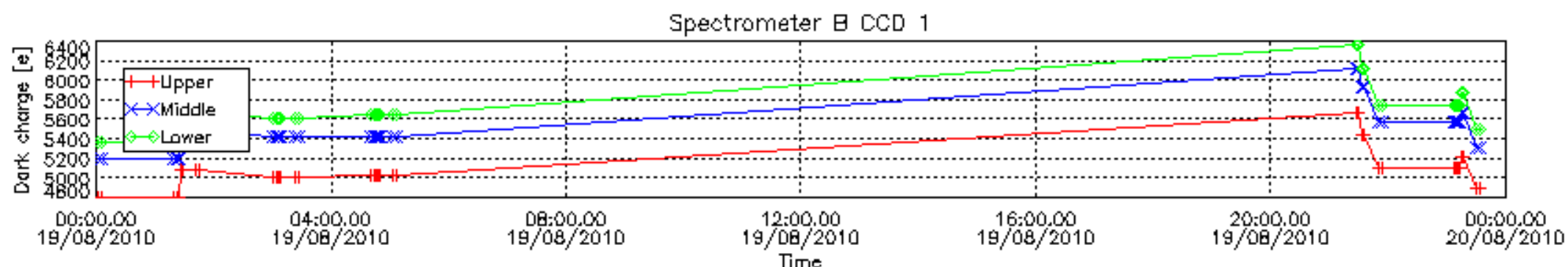
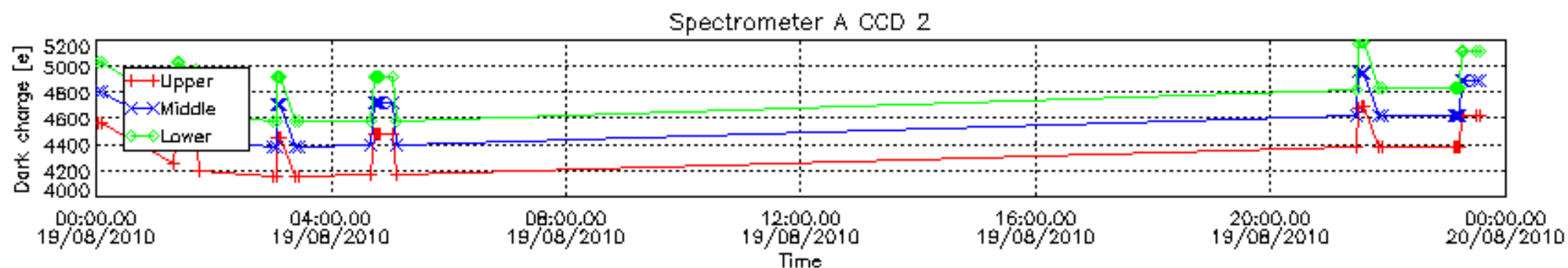
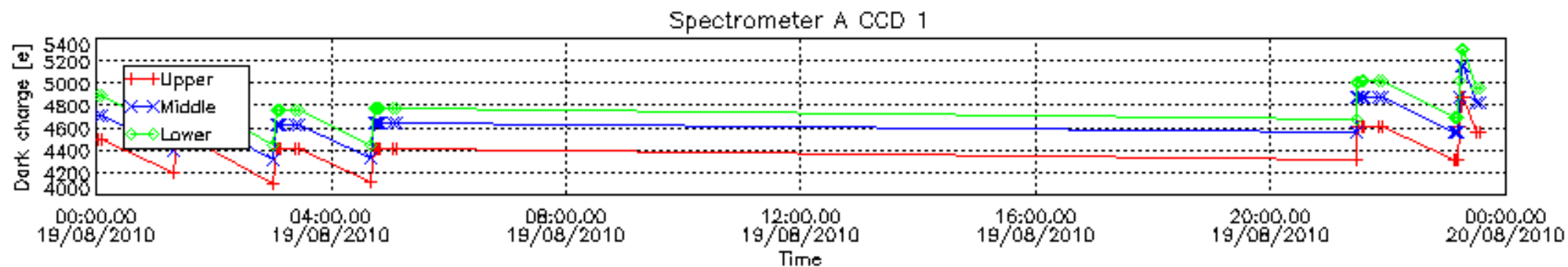
8. Auxiliary Data Files used for the production reported in section 2.4

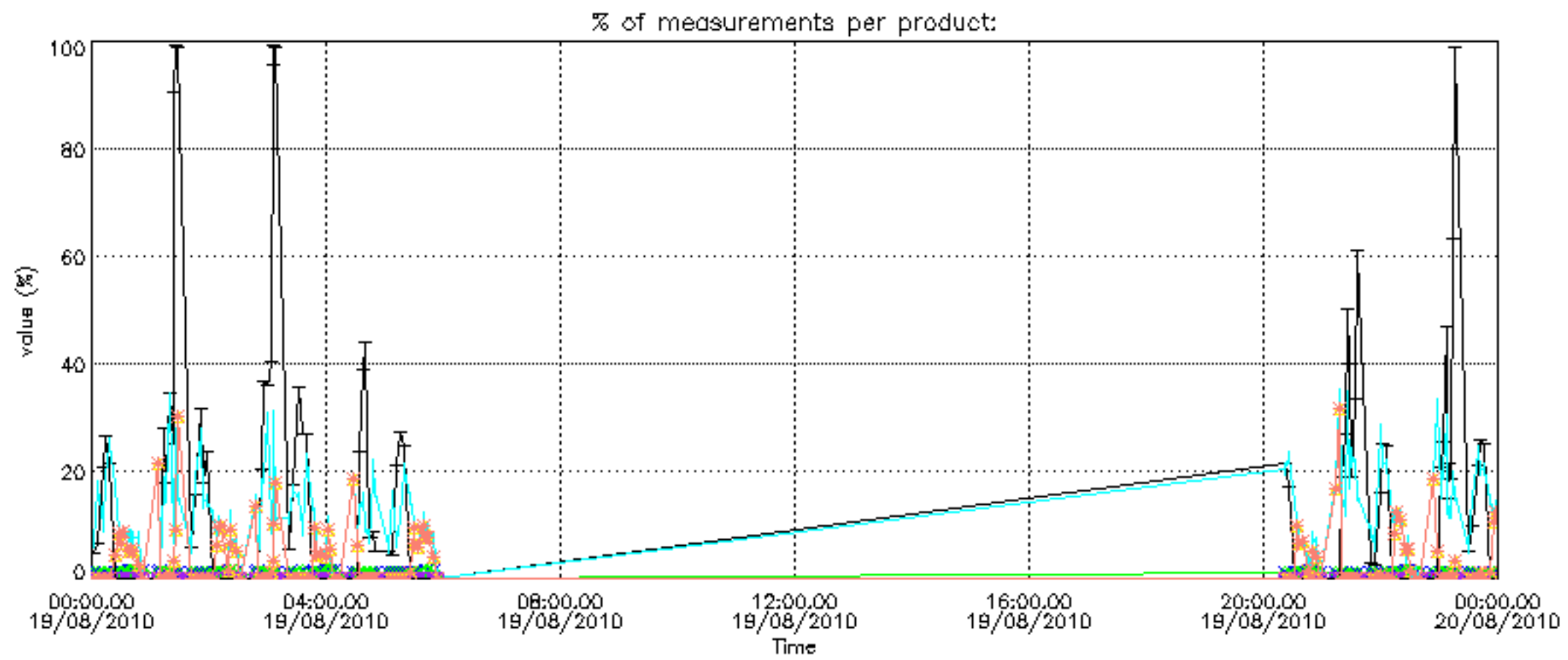
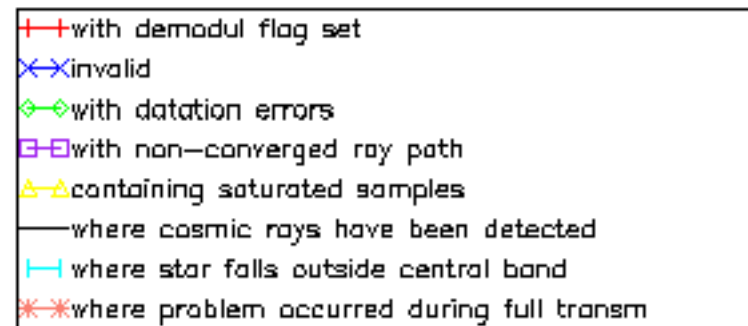
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-AUG-2010 00:01:27
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100818_095357_20100816_000000_20500101_000000	1	19-AUG-2010 00:01:27
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	19-AUG-2010 00:01:27
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	19-AUG-2010 00:01:27
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	19-AUG-2010 00:01:27
ECMWF_FILE	AUX_ECF_AXNECM20100818_054114_20100818_210000_20100819_090000	1	19-AUG-2010 00:01:27
ECMWF_FILE	AUX_ECF_AXNECM20100818_172114_20100819_030000_20100819_150000	61	19-AUG-2010 04:28:14
ECMWF_FILE	AUX_ECF_AXNECM20100819_054113_20100819_150000_20100820_030000	84	19-AUG-2010 20:21:37
ECMWF_FILE	AUX_ECF_AXNECM20100819_054113_20100819_210000_20100820_090000	102	19-AUG-2010 21:31:47
OPTIONAL_ECMWF_FILE	MISSING	1	19-AUG-2010 00:01:27
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100818_092114_20100817_192702_20100827_205316	1	19-AUG-2010 00:01:27
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100819_012224_000041442092_00131_44273_0980.N1	22	19-AUG-2010 01:26:08
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100819_023647_000057382092_00132_44274_0981.N1	38	19-AUG-2010 02:47:38
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100819_041744_000057382092_00133_44275_0982.N1	61	19-AUG-2010 04:28:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100819_201924_000038252092_00143_44285_0983.N1	84	19-AUG-2010 20:21:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100819_212829_000057382092_00143_44285_0984.N1	102	19-AUG-2010 21:31:47
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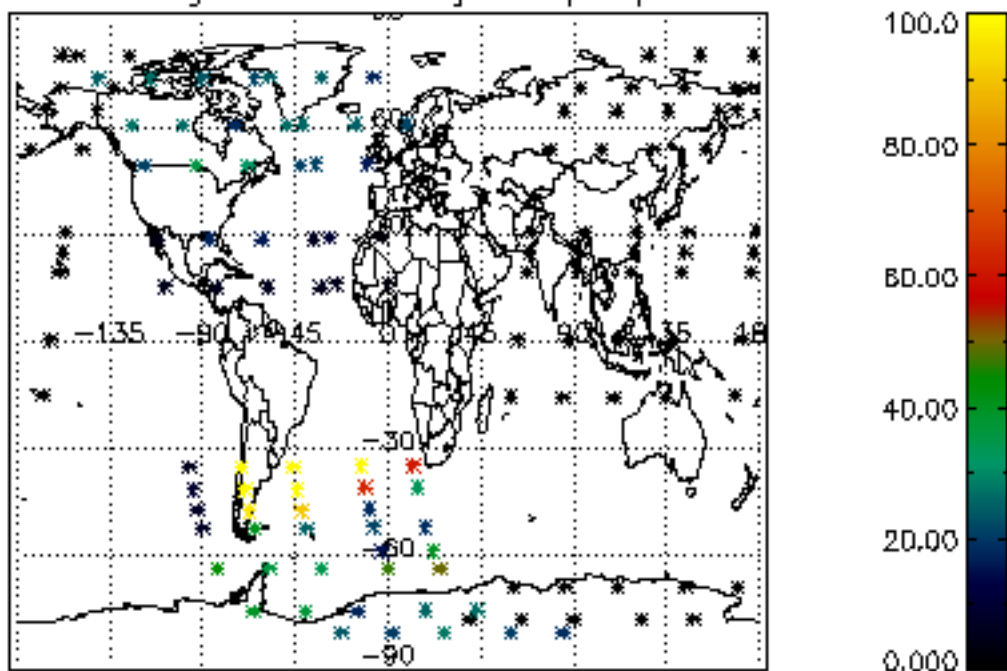




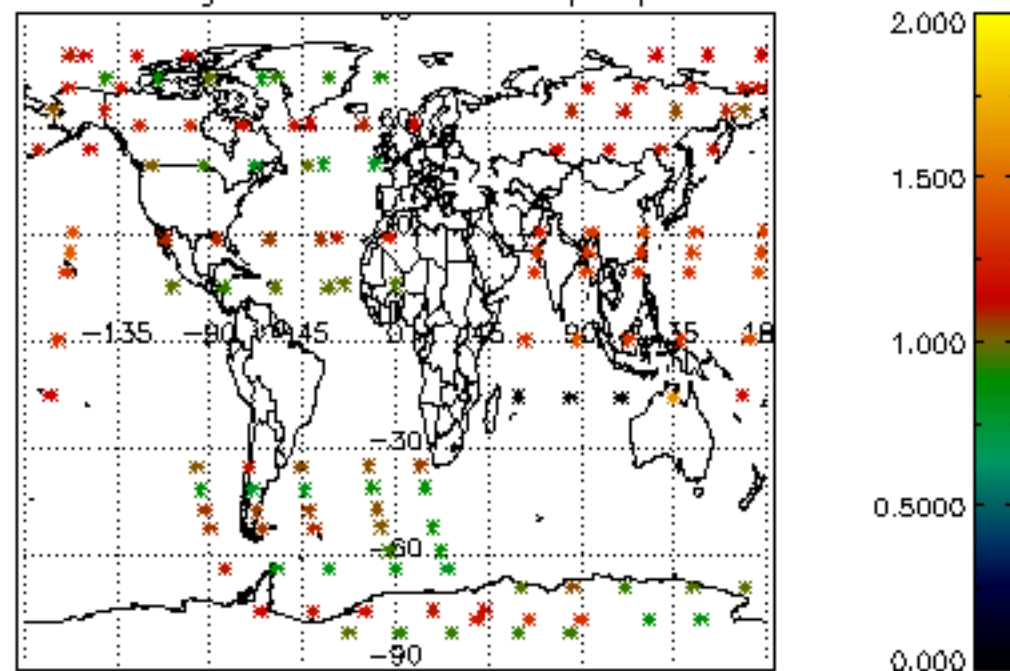




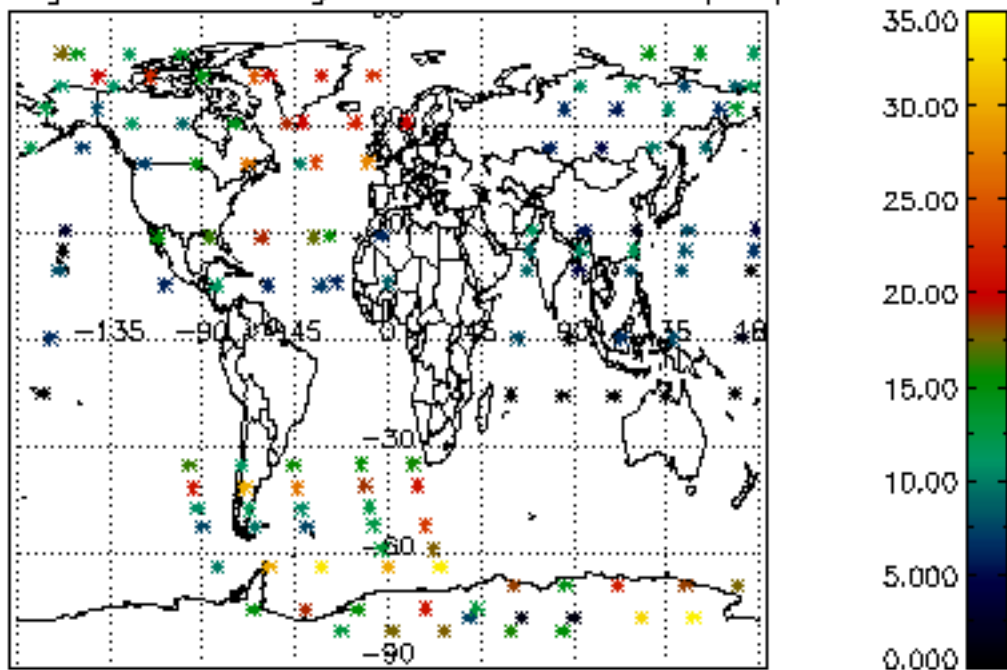
Percentage of cosmic ray hits per profile



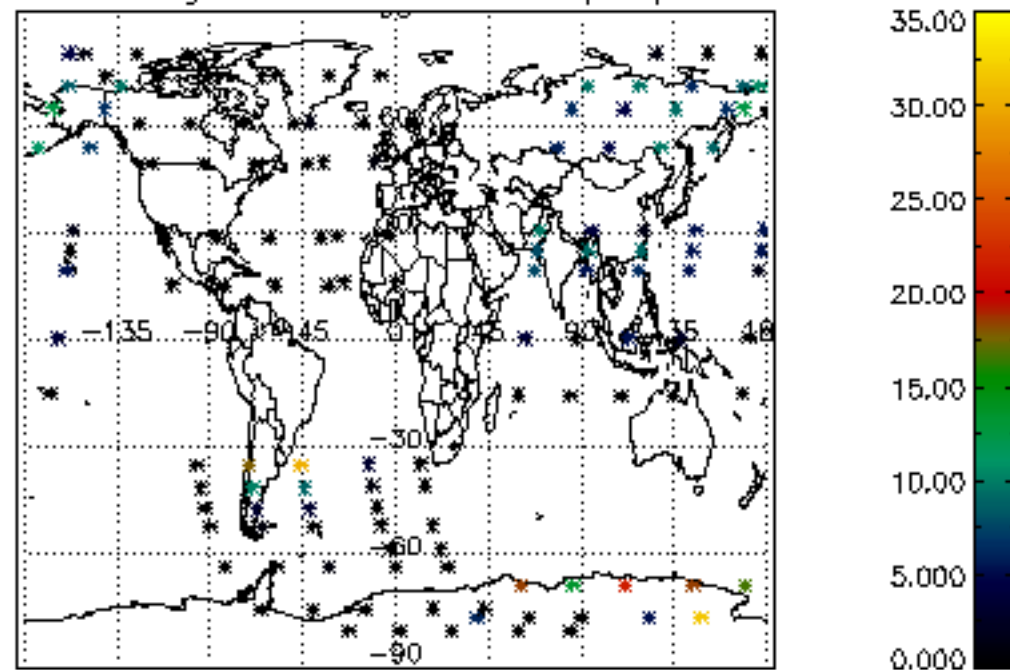
Percentage of datation errors per profile



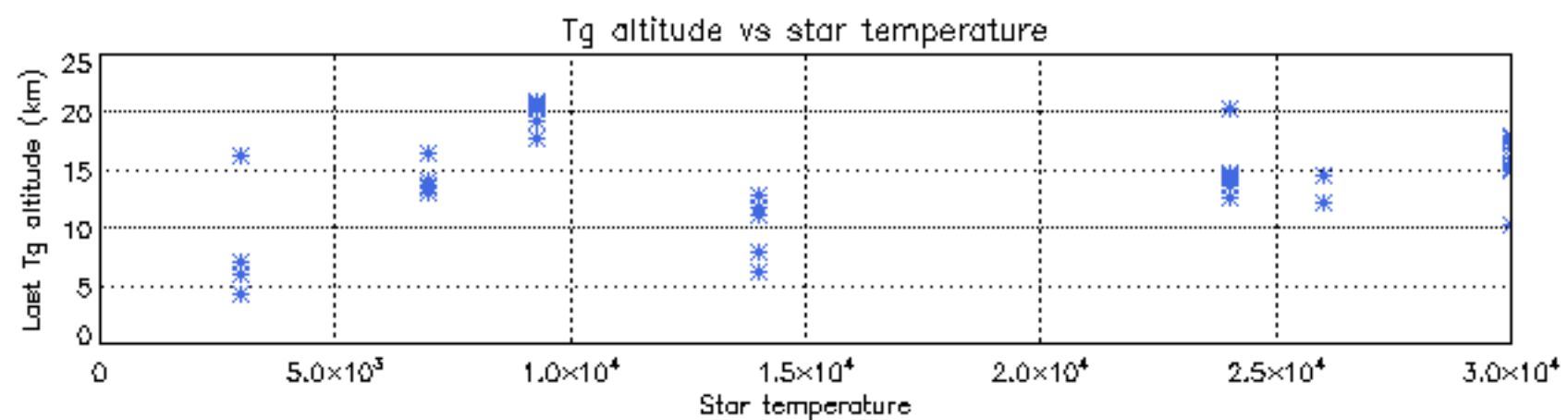
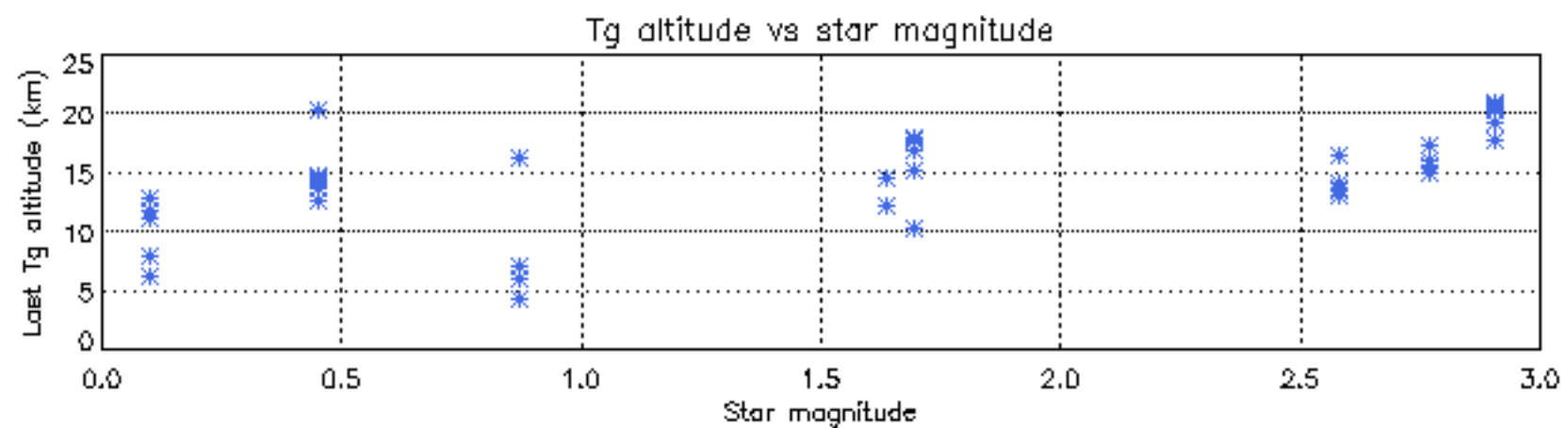
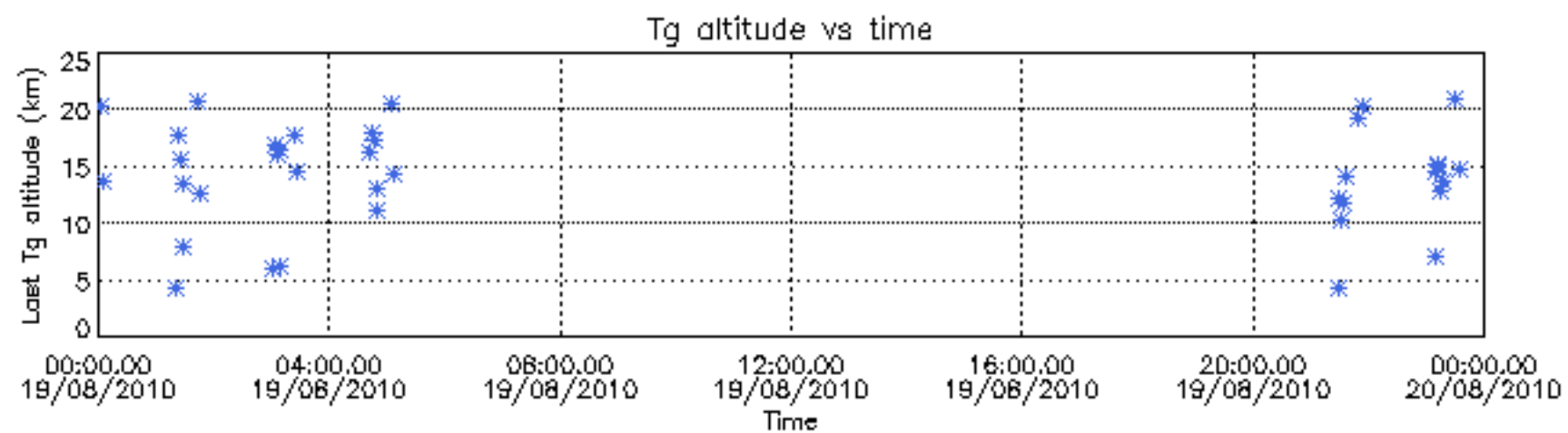
Percentage of star falling outside central band per profile



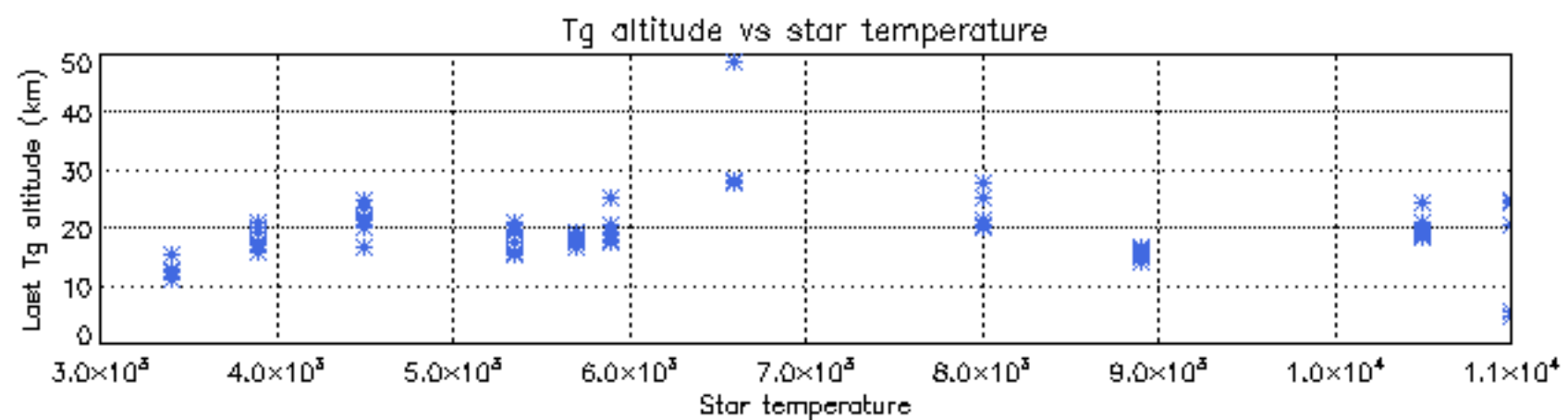
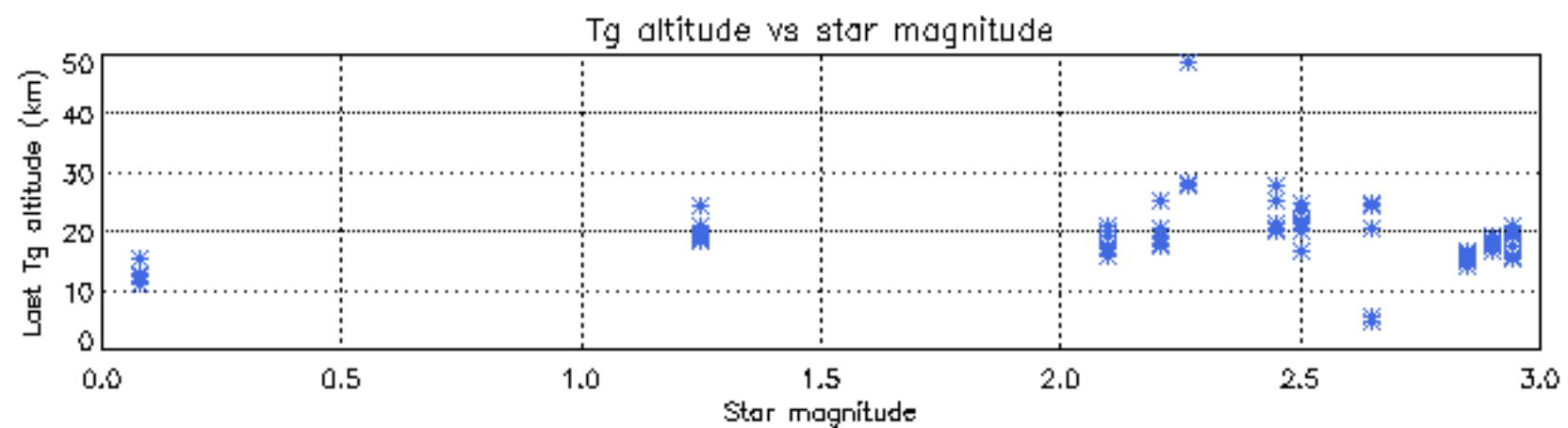
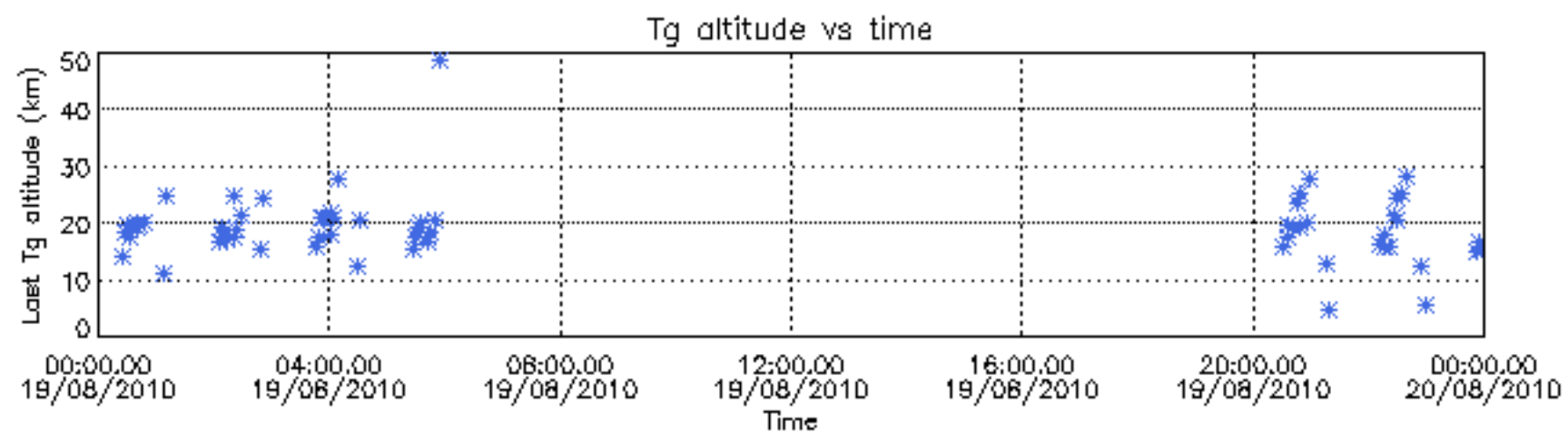
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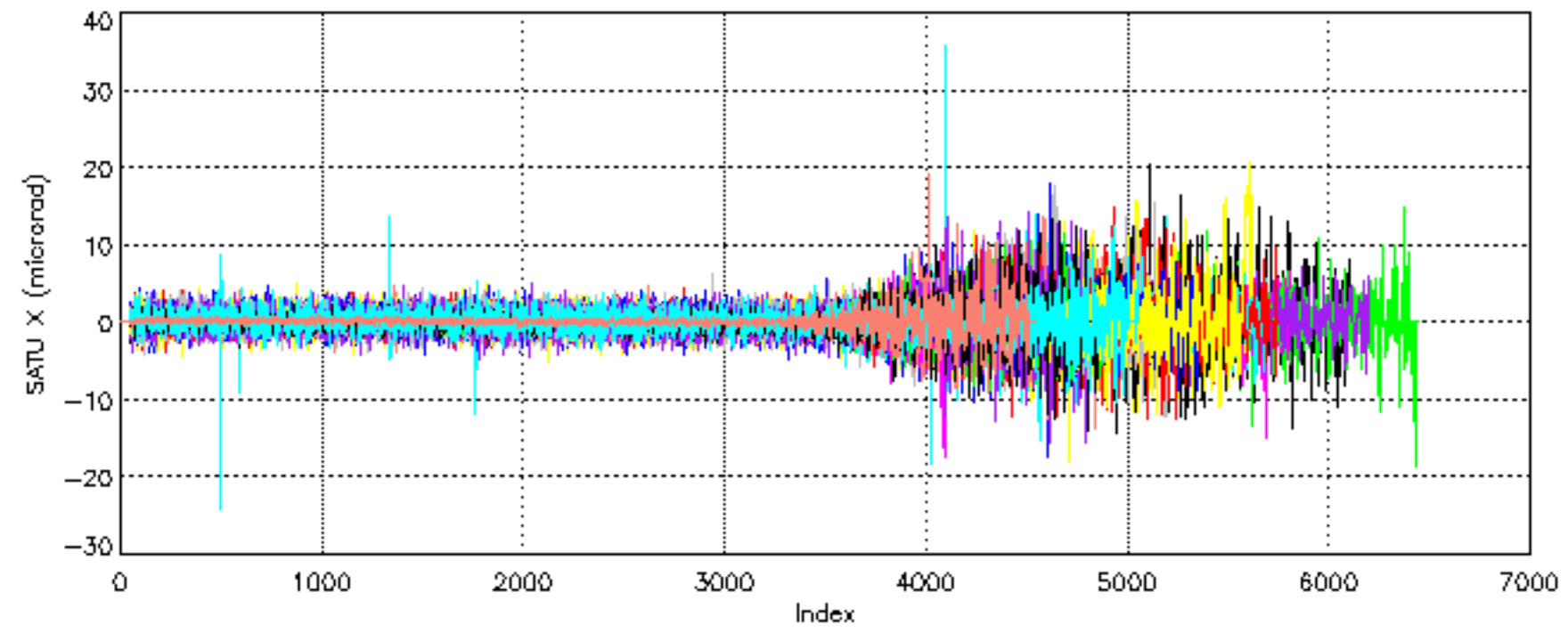


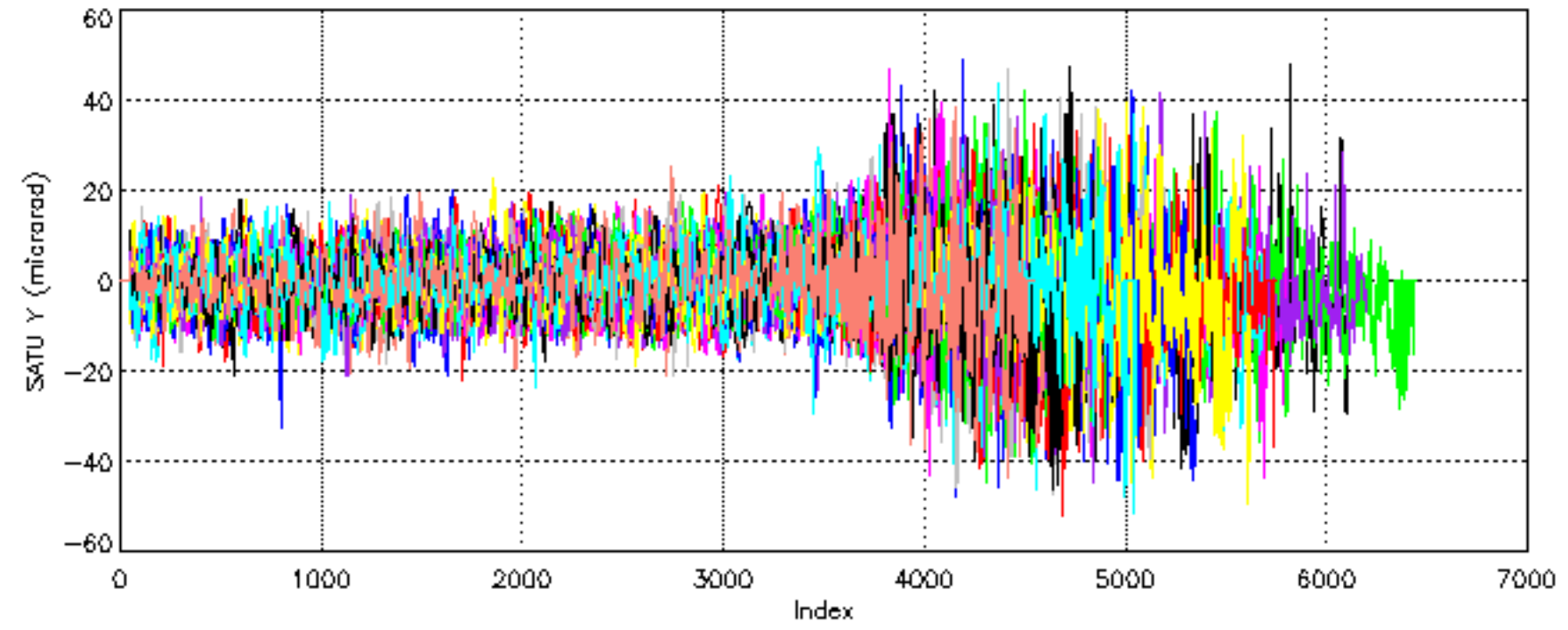
Tangent altitude at which the star is lost

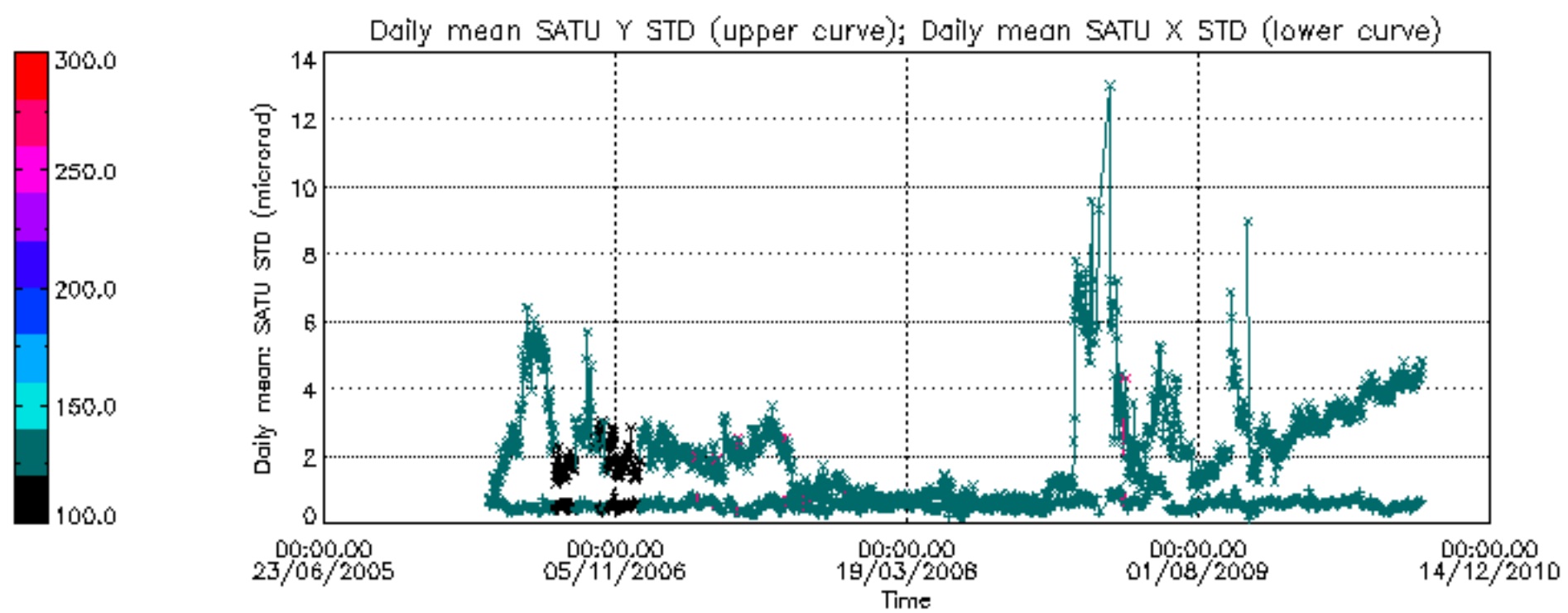


Tangent altitude at which the star is lost









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 11; 3092.0; 01-AUG-2010 01:54:51; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44016
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 13; 4139.3; 01-AUG-2010 02:12:18; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 0;44016
 14; 4315.7; 01-AUG-2010 02:15:14; Bright; 46.5; 149; 45Eps Per ; 2.89; 30000;occ; 93; 0;44016
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 17; 4788.1; 01-AUG-2010 02:23:07; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;44016
 18; 4908.8; 01-AUG-2010 02:25:07; Dark ; 40.5; 27; 24Gam Ori ; 1.64; 26000;occ; 81; 0;44016
 19; 5013.5; 01-AUG-2010 02:26:52; Dark ; 40.5; 72; 34Del Ori ; 2.25; 30000;occ; 81; 0;44016
 20; 5171.3; 01-AUG-2010 02:29:30; Dark ; 43.5; 7; 19Bet Ori ; 0.10; 14000;occ; 87; 0;44016
 21; 5444.4; 01-AUG-2010 02:34:03; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;44016
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 23; 6009.4; 01-AUG-2010 02:43:28; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44016
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 10; 2695.1; 01-AUG-2010 01:48:14; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44016
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 7; 4139.3; 01-AUG-2010 02:12:18; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 0;44016
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 10; 4638.3; 01-AUG-2010 02:20:37; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;44016


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13; 5013.5; 01-AUG-2010 02:26:52; Dark ; 40.5; 72; 34Del Ori ; 2.25; 30000;occ; 81; 0;44016
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 16; 4938.2; 06-AUG-2010 16:33:32; Dark ; 47.5; 27; 24Gam Ori ; 1.64; 26000;occ; 95; 0;44096
 17; 5053.3; 06-AUG-2010 16:35:27; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;44096
 18; 5134.7; 06-AUG-2010 16:36:48; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44096
 19; 5210.8; 06-AUG-2010 16:38:04; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44096
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 21; 6090.3; 06-AUG-2010 16:52:44; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44097
 22; 6396.4; 06-AUG-2010 16:57:50; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44097
 23; 6709.4; 06-AUG-2010 17:03:03; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44097
 24; 6993.2; 06-AUG-2010 17:07:47; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;44097
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 3; 1810.2; 06-AUG-2010 17:22:00; Bright; 47.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 94; 0;44097
 4; 2543.3; 06-AUG-2010 17:34:13; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44097
 5; 2624.5; 06-AUG-2010 17:35:34; Bright; 41.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 82; 0;44097
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 7; 3059.8; 06-AUG-2010 17:42:49; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44097
 8; 3541.5; 06-AUG-2010 17:50:51; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44097
 9; 3620.9; 06-AUG-2010 17:52:10; Bright; 39.0; 110; 37Del Cas ; 2.68; 8900;occ; 78; 0;44097
 10; 3948.0; 06-AUG-2010 17:57:37; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;44097
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 19; 5135.3; 06-AUG-2010 18:17:25; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44097
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 22; 6091.4; 06-AUG-2010 18:33:21; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;44098
 23; 6397.3; 06-AUG-2010 18:38:27; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44098
 24; 6710.3; 06-AUG-2010 18:43:40; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44098
 25; 6993.7; 06-AUG-2010 18:48:23; Dark ; 19.5; 31; Alp Gru ; 1.73; 15200;occ; 39; 0;44098

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 3; -251.8; 06-AUG-2010 01:42:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44087
 4; 44.7; 06-AUG-2010 01:47:11; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;44088
 5; 354.0; 06-AUG-2010 01:52:20; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44088
 6; 664.1; 06-AUG-2010 01:57:30; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44088
 7; 953.2; 06-AUG-2010 02:02:19; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;44088
 8; 1138.7; 06-AUG-2010 02:05:25; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;44088
 9; 1576.7; 06-AUG-2010 02:12:43; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;44088
 10; 1811.2; 06-AUG-2010 02:16:37; Bright; 50.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 100; 0;44088
 11; 2056.7; 06-AUG-2010 02:20:42; Bright; 39.0; 11; 53Alp Aql ; 0.76; 8000;occ; 78; 0;44088
 12; 2547.1; 06-AUG-2010 02:28:53; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44088
 13; 2682.6; 06-AUG-2010 02:31:08; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44088
 14; 3063.0; 06-AUG-2010 02:37:29; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44088
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 3; 1809.9; 06-AUG-2010 20:43:11; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44099
 4; 2542.7; 06-AUG-2010 20:55:24; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44099
 5; 2624.1; 06-AUG-2010 20:56:45; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44099
 6; 2732.9; 06-AUG-2010 20:58:34; Bright; 44.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 89; 0;44099
 7; 3059.1; 06-AUG-2010 21:04:00; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44099

8; 3540.0; 06-AUG-2010 21:12:01; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44099
 9; 3619.6; 06-AUG-2010 21:13:21; Bright; 38.0; 110; 37Del Cas ; 2.68; 8900;occ; 76; 0;44099
 10; 3946.9; 06-AUG-2010 21:18:48; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;44099
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 12; 4200.6; 06-AUG-2010 21:23:02; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;44099
 13; 4310.8; 06-AUG-2010 21:24:52; Bright; 54.5; 149; 45Eps Per ; 2.89; 30000;occ; 109; 0;44099
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 16; 4824.0; 06-AUG-2010 21:33:25; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;44099
 17; 4939.4; 06-AUG-2010 21:35:21; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44099
 18; 5054.8; 06-AUG-2010 21:37:16; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44099
 19; 5136.1; 06-AUG-2010 21:38:37; Dark ; 41.5; 125; 44Iot Ori ; 2.77; 30000;occ; 83; 0;44099
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 3; 362.7; 06-AUG-2010 21:59:40; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44100
 4; 676.2; 06-AUG-2010 22:04:53; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44100
 5; 959.0; 06-AUG-2010 22:09:36; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;44100
 6; 1184.8; 06-AUG-2010 22:13:22; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;44100
 7; 1577.7; 06-AUG-2010 22:19:55; Bright; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44100
 8; 1809.5; 06-AUG-2010 22:23:47; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44100
 9; 2542.2; 06-AUG-2010 22:35:59; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44100
 10; 2623.4; 06-AUG-2010 22:37:21; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44100
 11; 2732.5; 06-AUG-2010 22:39:10; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44100
 12; 3058.7; 06-AUG-2010 22:44:36; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44100
 13; 3539.1; 06-AUG-2010 22:52:36; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44100
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 16; 4053.3; 06-AUG-2010 23:01:10; Bright; 40.0; 35; 33Alp Per ; 1.79; 6250;occ; 80; 0;44100
 17; 4200.3; 06-AUG-2010 23:03:37; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;44100
 18; 4310.7; 06-AUG-2010 23:05:28; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;44100
 19; 4528.0; 06-AUG-2010 23:09:05; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44100
 20; 4657.5; 06-AUG-2010 23:11:15; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44100
 21; 4824.3; 06-AUG-2010 23:14:02; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;44100
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 23; 5055.2; 06-AUG-2010 23:17:52; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44100
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 3; 676.7; 06-AUG-2010 23:45:30; Dark ; 63.5; 84; Alp Phe ; 2.40; 4500;occ; 127; 0;44101
 4; 958.9; 06-AUG-2010 23:50:12; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;44101
 5; 1185.6; 06-AUG-2010 23:53:59; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;44101
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 7; 1809.5; 07-AUG-2010 00:04:23; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44101
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 9; 2623.5; 07-AUG-2010 00:17:57; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44101
 10; 2732.0; 07-AUG-2010 00:19:45; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44101
 11; 3058.5; 07-AUG-2010 00:25:12; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44101
 12; 3538.5; 07-AUG-2010 00:33:12; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44101
 13; 3617.9; 07-AUG-2010 00:34:31; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;44101
 14; 3946.1; 07-AUG-2010 00:39:59; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;44101
 15; 4052.9; 07-AUG-2010 00:41:46; Bright; 40.0; 35; 33Alp Per ; 1.79; 6250;occ; 80; 0;44101
 16; 4200.3; 07-AUG-2010 00:44:13; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44101
 17; 4310.6; 07-AUG-2010 00:46:04; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;44101
 18; 4528.0; 07-AUG-2010 00:49:41; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;44101
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 20; 4824.8; 07-AUG-2010 00:54:38; Dark ; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;44101
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 22; 5055.5; 07-AUG-2010 00:58:29; Dark ; 40.5; 30; 46Eps Ori ; 1.69; 30000;occ; 81; 0;44101
 23; 5136.5; 07-AUG-2010 00:59:50; Dark ; 39.0; 125; 44Iot Ori ; 2.77; 30000;occ; 78; 0;44101
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9; 3529.6; 07-AUG-2010 20:40:14; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44113
10; 3609.7; 07-AUG-2010 20:41:34; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;44113
11; 3940.8; 07-AUG-2010 20:47:05; Bright; 30.0; 160; 23Gam Per ; 2.93; 4700;occ; 60; 0;44113
12; 4117.0; 07-AUG-2010 20:50:01; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;44113
13; 4356.4; 07-AUG-2010 20:54:01; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44113
14; 4530.2; 07-AUG-2010 20:56:55; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;44113
15; 4660.8; 07-AUG-2010 20:59:05; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44113
16; 4830.7; 07-AUG-2010 21:01:55; Dark ; 70.0; 13; 87Alp Tau ; 0.87; 3800;occ; 140; 0;44113
17; 4945.4; 07-AUG-2010 21:03:50; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44113
18; 5060.4; 07-AUG-2010 21:05:45; Dark ; 15.0; 30; 46Eps Ori ; 1.69; 30000;occ; 30; 0;44113
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6; 72.3; 07-AUG-2010 21:23:13; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44114
7; 372.1; 07-AUG-2010 21:28:12; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44114
8; 689.9; 07-AUG-2010 21:33:30; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44114
9; 964.7; 07-AUG-2010 21:38:05; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44114
10; 1192.5; 07-AUG-2010 21:41:53; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44114
11; 1579.1; 07-AUG-2010 21:48:19; Bright; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44114
12; 1808.0; 07-AUG-2010 21:52:08; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44114
13; 2537.0; 07-AUG-2010 22:04:17; Bright; 43.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 86; 0;44114
14; 2619.6; 07-AUG-2010 22:05:40; Bright; 43.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 87; 0;44114
15; 2727.3; 07-AUG-2010 22:07:28; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44114
16; 3053.4; 07-AUG-2010 22:12:54; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44114
17; 3528.9; 07-AUG-2010 22:20:49; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44114
18; 3608.8; 07-AUG-2010 22:22:09; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;44114
19; 3940.5; 07-AUG-2010 22:27:41; Bright; 26.0; 160; 23Gam Per ; 2.93; 4700;occ; 52; 0;44114
20; 4116.8; 07-AUG-2010 22:30:37; Bright; 47.0; 175; 39Del Per ; 3.01; 19400;occ; 94; 0;44114
21; 4356.6; 07-AUG-2010 22:34:37; Bright; 35.5; 107; 37The Aur ; 2.65; 11000;occ; 71; 0;44114
22; 4530.7; 07-AUG-2010 22:37:31; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44114
23; 4660.7; 07-AUG-2010 22:39:41; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44114
24; 4831.1; 07-AUG-2010 22:42:31; Dark ; 67.0; 13; 87Alp Tau ; 0.87; 3800;occ; 134; 0;44114
25; 4945.8; 07-AUG-2010 22:44:26; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;44114
26; 5060.7; 07-AUG-2010 22:46:21; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;44114
27; 5142.5; 07-AUG-2010 22:47:43; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44114
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4; 73.2; 07-AUG-2010 23:03:49; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;44115

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6; 691.0; 07-AUG-2010 23:14:07; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44115
7; 965.4; 07-AUG-2010 23:18:41; Dark ; 51.5; 31; Alp Gru ; 1.73; 15200;occ; 103; 0;44115
8; 1193.1; 07-AUG-2010 23:22:29; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44115
9; 1579.0; 07-AUG-2010 23:28:55; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44115
10; 1808.0; 07-AUG-2010 23:32:44; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44115
11; 2536.0; 07-AUG-2010 23:44:52; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44115
12; 2619.4; 07-AUG-2010 23:46:15; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;44115
13; 2726.8; 07-AUG-2010 23:48:03; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44115
14; 3052.9; 07-AUG-2010 23:53:29; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44115
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17; 3939.7; 08-AUG-2010 00:08:16; Bright; 26.0; 160; 23Gam Per ; 2.93; 4700;occ; 52; 0;44115
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19; 4356.4; 08-AUG-2010 00:15:12; Bright; 36.5; 107; 37The Aur ; 2.65; 11000;occ; 73; 0;44115
20; 4530.7; 08-AUG-2010 00:18:07; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;44115
21; 4661.1; 08-AUG-2010 00:20:17; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44115
22; 4831.9; 08-AUG-2010 00:23:08; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;44115
23; 4946.1; 08-AUG-2010 00:25:02; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44115
24; 5061.1; 08-AUG-2010 00:26:57; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44115
25; 5142.9; 08-AUG-2010 00:28:19; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44115
26; 5220.9; 08-AUG-2010 00:29:37; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;44115

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3; 74.3; 08-AUG-2010 00:44:26; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44116
4; 373.3; 08-AUG-2010 00:49:25; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44116
5; 691.9; 08-AUG-2010 00:54:44; Dark ; 65.5; 84; Alp Phe ; 2.40; 4500;occ; 131; 0;44116
6; 965.9; 08-AUG-2010 00:59:18; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44116
7; 1193.8; 08-AUG-2010 01:03:06; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44116
8; 1578.8; 08-AUG-2010 01:09:31; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;44116
9; 1807.7; 08-AUG-2010 01:13:20; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44116
10; 2535.7; 08-AUG-2010 01:25:28; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44116
11; 2619.0; 08-AUG-2010 01:26:51; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44116
12; 2726.3; 08-AUG-2010 01:28:38; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44116
13; 3052.7; 08-AUG-2010 01:34:05; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44116
14; 3527.6; 08-AUG-2010 01:42:00; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44116
15; 3607.6; 08-AUG-2010 01:43:20; Bright; 31.0; 110; 37Del Cas ; 2.68; 8900;occ; 62; 0;44116
16; 4116.3; 08-AUG-2010 01:51:48; Bright; 47.5; 175; 39Del Per ; 3.01; 19400;occ; 95; 0;44116
17; 4356.7; 08-AUG-2010 01:55:49; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44116
18; 4530.9; 08-AUG-2010 01:58:43; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;44116
19; 4661.4; 08-AUG-2010 02:00:53; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44116
20; 4832.0; 08-AUG-2010 02:03:44; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;44116
21; 4946.5; 08-AUG-2010 02:05:39; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44116
22; 5061.9; 08-AUG-2010 02:07:34; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;44116
23; 5143.5; 08-AUG-2010 02:08:56; Dark ; 40.5; 125; 44Iot Ori ; 2.77; 30000;occ; 81; 0;44116

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3; -690.6; 08-AUG-2010 02:12:17; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44116
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5; 75.4; 08-AUG-2010 02:25:03; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44117
6; 374.1; 08-AUG-2010 02:30:02; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44117
7; 692.6; 08-AUG-2010 02:35:20; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44117
8; 966.1; 08-AUG-2010 02:39:54; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;44117
9; 1194.3; 08-AUG-2010 02:43:42; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44117
10; 1579.4; 08-AUG-2010 02:50:07; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44117
11; 1807.6; 08-AUG-2010 02:53:56; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;44117
12; 2535.8; 08-AUG-2010 03:06:04; Bright; 43.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 86; 0;44117
13; 2618.7; 08-AUG-2010 03:07:27; Bright; 41.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 83; 0;44117
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15; 3052.6; 08-AUG-2010 03:14:40; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44117
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4; -1679.3; 08-AUG-2010 03:36:25; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44117

5; -1505.0; 08-AUG-2010 03:39:19; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44117
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7; -1203.3; 08-AUG-2010 03:44:21; Dark ; 64.5; 13; 87Alp Tau ; 0.87; 3800;occ; 129; 0;44117
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12; -690.2; 08-AUG-2010 03:52:54; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44117
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14; 76.8; 08-AUG-2010 04:05:41; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44118
15; 375.1; 08-AUG-2010 04:10:39; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44118
16; 694.1; 08-AUG-2010 04:15:58; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44118
17; 966.9; 08-AUG-2010 04:20:31; Dark ; 49.5; 31; Alp Gru ; 1.73; 15200;occ; 99; 0;44118
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19; 1579.3; 08-AUG-2010 04:30:43; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44118
20; 1807.7; 08-AUG-2010 04:34:32; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;44118
21; 2535.4; 08-AUG-2010 04:46:39; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44118
22; 2619.0; 08-AUG-2010 04:48:03; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44118
23; 2726.1; 08-AUG-2010 04:49:50; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44118
24; 3052.6; 08-AUG-2010 04:55:16; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;44118
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26; 3606.1; 08-AUG-2010 05:04:30; Bright; 29.5; 110; 37Del Cas ; 2.68; 8900;occ; 59; 0;44118

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12; -526.7; 08-AUG-2010 05:36:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44118
13; 77.8; 08-AUG-2010 05:46:18; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44119
14; 375.8; 08-AUG-2010 05:51:16; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44119
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19; 1807.5; 08-AUG-2010 06:15:07; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44119
20; 2535.1; 08-AUG-2010 06:27:15; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44119
21; 2619.0; 08-AUG-2010 06:28:39; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44119
22; 2725.8; 08-AUG-2010 06:30:26; Bright; 43.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 87; 0;44119
23; 3052.1; 08-AUG-2010 06:35:52; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44119
24; 3525.3; 08-AUG-2010 06:43:45; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44119
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4; 2608.9; 11-AUG-2010 08:14:50; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44163
5; 2712.0; 11-AUG-2010 08:16:33; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44163
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16; 5166.8; 11-AUG-2010 08:57:28; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44163
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12; 4673.9; 11-AUG-2010 10:29:51; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44164
13; 4858.1; 11-AUG-2010 10:32:55; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44164
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16; 5167.3; 11-AUG-2010 10:38:04; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44164
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21; 6443.4; 11-AUG-2010 10:59:20; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44165
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 23; 6446.6; 11-AUG-2010 17:41:47; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44169
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 23; 6169.9; 11-AUG-2010 19:17:46; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44170
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13; 2517.1; 12-AUG-2010 02:39:53; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44174
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 16; 1589.4; 15-AUG-2010 04:10:46; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44218
 17; 1800.3; 15-AUG-2010 04:14:17; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44218
 18; 1926.9; 15-AUG-2010 04:16:24; Bright; 28.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 56; 0;44218
 19; 2119.7; 15-AUG-2010 04:19:37; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;44218
 20; 2506.4; 15-AUG-2010 04:26:03; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44218
 21; 2599.9; 15-AUG-2010 04:27:37; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44218
 22; 2698.6; 15-AUG-2010 04:29:15; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44218
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 3; -1486.3; 15-AUG-2010 05:00:07; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;44218
 4; -1318.7; 15-AUG-2010 05:02:54; Dark ; 40.5; 44; 24Gam Gem ; 1.93; 11000;occ; 81; 0;44218
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 8; -746.6; 15-AUG-2010 05:12:26; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;44218
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 11; 190.4; 15-AUG-2010 05:28:03; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44219
 12; 445.0; 15-AUG-2010 05:32:18; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44219
 13; 786.3; 15-AUG-2010 05:37:59; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44219
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 15; 1244.6; 15-AUG-2010 05:45:37; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;44219
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 17; 1800.0; 15-AUG-2010 05:54:53; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44219
 18; 1926.5; 15-AUG-2010 05:56:59; Bright; 28.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 56; 0;44219
 19; 2119.2; 15-AUG-2010 06:00:12; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44219
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 22; 2698.4; 15-AUG-2010 06:09:51; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44219
 23; 3020.5; 15-AUG-2010 06:15:13; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44219

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 4; -1318.3; 15-AUG-2010 06:43:30; Dark ; 41.0; 44; 24Gam Gem ; 1.93; 11000;occ; 82; 0;44219
 5; -1111.0; 15-AUG-2010 06:46:58; Dark ; 42.5; 14; 58Alp Ori ; 0.87; 3000;occ; 85; 0;44219
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 11; 191.7; 15-AUG-2010 07:08:41; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44220
 12; 445.8; 15-AUG-2010 07:12:55; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44220
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 3; 2118.7; 15-AUG-2010 07:40:48; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;44220
 4; 2505.8; 15-AUG-2010 07:47:15; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44220
 5; 2599.6; 15-AUG-2010 07:48:48; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44220
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 7; 3019.9; 15-AUG-2010 07:55:49; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44220
 8; 4194.6; 15-AUG-2010 08:15:23; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;44220
 9; 4365.9; 15-AUG-2010 08:18:15; Bright; 57.0; 107; 37The Aur ; 2.65; 11000;occ; 114; 0;44220
 10; 4550.2; 15-AUG-2010 08:21:19; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;44220
 11; 4717.8; 15-AUG-2010 08:24:07; Dark ; 38.5; 44; 24Gam Gem ; 1.93; 11000;occ; 77; 0;44220
 12; 4925.5; 15-AUG-2010 08:27:34; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;44220
 13; 5114.4; 15-AUG-2010 08:30:43; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44220
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 15; 5291.2; 15-AUG-2010 08:33:40; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;44220
 16; 5404.8; 15-AUG-2010 08:35:34; Dark ; 47.0; 101; 11Alp Lep ; 2.58; 7000;occ; 94; 0;44220


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22; 7281.2; 15-AUG-2010 09:06:50; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44221
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 3; 2118.4; 15-AUG-2010 09:21:23; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;44221
 4; 2505.4; 15-AUG-2010 09:27:50; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44221
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 8; 4194.6; 15-AUG-2010 09:55:59; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;44221
 9; 4365.9; 15-AUG-2010 09:58:51; Bright; 51.5; 107; 37The Aur ; 2.65; 11000;occ; 103; 0;44221
10; 4550.1; 15-AUG-2010 10:01:55; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;44221
11; 4717.9; 15-AUG-2010 10:04:43; Dark ; 38.0; 44; 24Gam Gem ; 1.93; 11000;occ; 76; 0;44221
12; 4925.8; 15-AUG-2010 10:08:11; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;44221
13; 5115.1; 15-AUG-2010 10:11:20; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;44221
14; 5199.6; 15-AUG-2010 10:12:44; Dark ; 44.5; 125; 44Tot Ori ; 2.77; 30000;occ; 89; 0;44221
15; 5292.0; 15-AUG-2010 10:14:17; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;44221
16; 5405.3; 15-AUG-2010 10:16:10; Dark ; 45.5; 101; 11Alp Lep ; 2.58; 7000;occ; 91; 0;44221
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11; 4550.3; 15-AUG-2010 11:42:31; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;44222
12; 4718.2; 15-AUG-2010 11:45:19; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44222
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14; 5115.9; 15-AUG-2010 11:51:57; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44222
15; 5200.5; 15-AUG-2010 11:53:21; Dark ; 47.5; 125; 44Tot Ori ; 2.77; 30000;occ; 95; 0;44222
16; 5292.7; 15-AUG-2010 11:54:53; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;44222
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 6; 2697.3; 15-AUG-2010 12:52:14; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44223
 7; 3019.4; 15-AUG-2010 12:57:36; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44223
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22; 6486.4; 15-AUG-2010 18:57:11; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44227
23; 6829.3; 15-AUG-2010 19:02:54; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;44227
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 7; -809.7; 18-AUG-2010 06:57:44; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44262
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 3; 2105.7; 18-AUG-2010 07:46:19; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;44263
 4; 2497.7; 18-AUG-2010 07:52:51; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;44263
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12; 4944.4; 18-AUG-2010 08:33:38; Dark ; 43.5; 14; 58Alp Ori ; 0.87; 3000;occ; 87; 0;44263
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22; 7299.4; 18-AUG-2010 09:12:53; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44264
23; 7630.6; 18-AUG-2010 09:18:24; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44264
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 9; 4368.9; 18-AUG-2010 10:04:39; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;44264
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11; 4728.7; 18-AUG-2010 10:10:38; Dark ; 37.0; 44; 24Gam Gem ; 1.93; 11000;occ; 74; 0;44264
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21; 7061.3; 18-AUG-2010 10:49:31; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;44265
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 6; 2689.3; 18-AUG-2010 11:17:15; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44265
 7; 3008.3; 18-AUG-2010 11:22:34; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44265
 8; 4190.3; 18-AUG-2010 11:42:16; Bright; 63.0; 6; 13Alp Aur ; 0.08; 3400;occ; 126; 0;44265
 9; 4369.3; 18-AUG-2010 11:45:15; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44265
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 9; 4369.0; 18-AUG-2010 13:25:50; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44266
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 12; 4945.6; 18-AUG-2010 13:35:27; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44266
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 22; 7062.5; 18-AUG-2010 15:51:20; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;44268
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 5; 2104.1; 18-AUG-2010 16:09:17; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;44268
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7; 841.2; 19-AUG-2010 21:59:01; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;44286
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23; 4955.3; 19-AUG-2010 23:07:35; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;44286

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24; 5157.0; 20-AUG-2010 00:51:33; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44287
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16; 5338.6; 19-AUG-2010 08:08:35; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;44277
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 9; 4188.6; 19-AUG-2010 14:31:49; Bright; 64.0; 6; 13Alp Aur ; 0.08; 3400;occ; 128; 0;44281
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11; 4562.0; 19-AUG-2010 14:38:02; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;44281
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13; 5627.6; 20-AUG-2010 04:20:35; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44289
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15; 6529.2; 20-AUG-2010 04:35:37; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44290
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17; 7024.1; 20-AUG-2010 04:43:52; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;44290
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21; 7947.6; 20-AUG-2010 04:59:15; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;44290
22; 8134.6; 20-AUG-2010 05:02:22; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44290
23; 8529.7; 20-AUG-2010 05:08:57; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44290
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14; 845.1; 20-AUG-2010 06:22:05; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44291
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21; 2493.5; 20-AUG-2010 06:49:33; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44291
22; 2593.3; 20-AUG-2010 06:51:13; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44291
23; 2685.6; 20-AUG-2010 06:52:45; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44291
24; 3002.1; 20-AUG-2010 06:58:02; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44291
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4; 1599.0; 20-AUG-2010 19:59:26; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44299
5; 1798.8; 20-AUG-2010 20:02:46; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44299
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7; 2096.5; 20-AUG-2010 20:07:44; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44299
8; 2492.2; 20-AUG-2010 20:14:19; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44299
9; 2684.6; 20-AUG-2010 20:17:32; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44299
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12; 4186.4; 20-AUG-2010 20:42:34; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;44299
13; 4371.2; 20-AUG-2010 20:45:38; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;44299
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4; -782.6; 20-AUG-2010 21:00:20; Dark ; 45.0; 125; 44Tot Ori ; 2.77; 30000;occ; 90; 0;44299
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6; -574.3; 20-AUG-2010 21:03:49; Dark ; 45.5; 101; 11Alp Lep ; 2.58; 7000;occ; 91; 0;44299
7; -400.1; 20-AUG-2010 21:06:43; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44299
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9; 499.9; 20-AUG-2010 21:21:43; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44300
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11; 992.2; 20-AUG-2010 21:29:55; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;44300
12; 1277.4; 20-AUG-2010 21:34:40; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44300
13; 1598.6; 20-AUG-2010 21:40:02; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44300
14; 1798.7; 20-AUG-2010 21:43:22; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44300
15; 1909.6; 20-AUG-2010 21:45:13; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44300
16; 2095.9; 20-AUG-2010 21:48:19; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44300
17; 2492.0; 20-AUG-2010 21:54:55; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44300
18; 2684.2; 20-AUG-2010 21:58:07; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44300
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21; 4186.3; 20-AUG-2010 22:23:09; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;44300
22; 4371.2; 20-AUG-2010 22:26:14; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;44300
23; 4566.1; 20-AUG-2010 22:29:29; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;44300
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25; 4962.3; 20-AUG-2010 22:36:05; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;44300
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27; 5166.3; 20-AUG-2010 22:39:29; Dark ; 52.0; 30; 46Eps Ori ; 1.69; 30000;occ; 104; 0;44300
28; 5254.1; 20-AUG-2010 22:40:57; Dark ; 48.5; 125; 44Tot Ori ; 2.77; 30000;occ; 97; 0;44300


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7; 992.6; 20-AUG-2010 23:10:31; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;44301
8; 1277.6; 20-AUG-2010 23:15:16; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44301
9; 1598.9; 20-AUG-2010 23:20:38; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;44301
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12; 2096.1; 20-AUG-2010 23:28:55; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44301
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14; 2684.2; 20-AUG-2010 23:38:43; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;44301
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 15; 4968.7; 21-AUG-2010 18:43:23; Dark ; 61.5; 14; 58Alp Ori ; 0.87; 3000;occ; 123; 0;44312
 16; 5058.0; 21-AUG-2010 18:44:52; Dark ; 54.5; 27; 24Gam Ori ; 1.64; 26000;occ; 109; 0;44312
 17; 5175.5; 21-AUG-2010 18:46:50; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44312
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 21; 5647.0; 21-AUG-2010 18:54:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44312
 22; 6338.8; 21-AUG-2010 19:06:13; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44313
 23; 6544.3; 21-AUG-2010 19:09:38; Dark ; 55.0; 9; Alp Eri ; 0.45; 24000;occ; 110; 0;44313
 24; 6898.0; 21-AUG-2010 19:15:32; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44313
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 22; 6340.3; 21-AUG-2010 20:46:50; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44314
 23; 6545.2; 21-AUG-2010 20:50:15; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44314
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7; 511.2; 22-AUG-2010 01:52:05; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44317
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7; 2489.3; 22-AUG-2010 20:51:38; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44328
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17; 3234.0; 23-AUG-2010 00:25:15; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;44330
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22; 4978.2; 23-AUG-2010 00:54:19; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44330
23; 5071.3; 23-AUG-2010 00:55:52; Dark ; 58.5; 27; 24Gam Ori ; 1.64; 26000;occ; 117; 0;44330
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25; 5277.9; 23-AUG-2010 00:59:19; Dark ; 50.0; 125; 44Iot Ori ; 2.77; 30000;occ; 100; 0;44330
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 4; 2490.0; 22-AUG-2010 07:26:52; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44320
 5; 2682.2; 22-AUG-2010 07:30:04; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44320
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 15; 5269.7; 22-AUG-2010 08:13:11; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;44320
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 17; 5478.9; 22-AUG-2010 08:16:40; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44320
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 8; 4183.4; 22-AUG-2010 09:35:41; Bright; 66.0; 6; 13Alp Aur ; 0.08; 3400;occ; 132; 0;44321
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 22; 7036.9; 22-AUG-2010 10:23:14; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;44322
 23; 7321.2; 22-AUG-2010 10:27:59; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44322
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 9; 4372.6; 22-AUG-2010 11:19:26; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44322
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 12; 4974.0; 22-AUG-2010 11:29:27; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;44322
 13; 5065.5; 22-AUG-2010 11:30:59; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;44322
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19; 5657.5; 22-AUG-2010 15:02:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44324
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 5; -1055.0; 23-AUG-2010 07:36:45; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;44334
 6; -961.2; 23-AUG-2010 07:38:19; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44334
 7; -843.6; 23-AUG-2010 07:40:17; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44334
 8; -754.4; 23-AUG-2010 07:41:46; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;44334
 9; -642.1; 23-AUG-2010 07:43:38; Dark ; 75.0; 7; 19Bet Ori ; 0.10; 14000;occ; 150; 0;44334
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11; -369.5; 23-AUG-2010 07:48:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44334
12; 329.9; 23-AUG-2010 07:59:50; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44335
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16; 1289.9; 23-AUG-2010 08:15:50; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44335
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 4; 2488.5; 23-AUG-2010 08:35:49; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44335
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 9; 4373.6; 23-AUG-2010 09:07:14; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44335
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11; 4748.6; 23-AUG-2010 09:13:29; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44335
12; 4981.5; 23-AUG-2010 09:17:22; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;44335
13; 5075.7; 23-AUG-2010 09:18:56; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44335
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 18; 5667.3; 23-AUG-2010 09:28:48; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44335
 19; 6367.0; 23-AUG-2010 09:40:27; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44336
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 22; 7042.3; 23-AUG-2010 09:51:43; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;44336
 23; 7326.1; 23-AUG-2010 09:56:27; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;44336
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 3; 2089.2; 23-AUG-2010 10:09:45; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44336
 4; 2488.5; 23-AUG-2010 10:16:25; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44336
 5; 2680.5; 23-AUG-2010 10:19:37; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;44336
 6; 2993.3; 23-AUG-2010 10:24:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44336
 7; 3229.5; 23-AUG-2010 10:28:46; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44336
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 9; 4373.4; 23-AUG-2010 10:47:50; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44336
 10; 4574.2; 23-AUG-2010 10:51:11; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44336
 11; 4649.7; 23-AUG-2010 10:52:26; Dark ; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;44336
 12; 4748.6; 23-AUG-2010 10:54:05; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44336
 13; 4981.9; 23-AUG-2010 10:57:58; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44336
 14; 5076.4; 23-AUG-2010 10:59:33; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44336
 15; 5193.7; 23-AUG-2010 11:01:30; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;44336
 16; 5307.5; 23-AUG-2010 11:03:24; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;44336
 17; 5395.9; 23-AUG-2010 11:04:52; Dark ; 67.5; 7; 19Bet Ori ; 0.10; 14000;occ; 135; 0;44336
 18; 5552.2; 23-AUG-2010 11:07:29; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;44336
 19; 5668.2; 23-AUG-2010 11:09:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44336
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 21; 6560.1; 23-AUG-2010 11:24:16; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44337
 22; 6915.3; 23-AUG-2010 11:30:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44337
 23; 7042.9; 23-AUG-2010 11:32:19; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44337
 24; 7326.5; 23-AUG-2010 11:37:03; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44337
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 3; 1904.2; 23-AUG-2010 11:47:16; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44337
 4; 2088.9; 23-AUG-2010 11:50:21; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44337
 5; 2488.5; 23-AUG-2010 11:57:01; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44337
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 7; 2993.2; 23-AUG-2010 12:05:25; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44337
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 9; 4181.1; 23-AUG-2010 12:25:13; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;44337
 10; 4373.3; 23-AUG-2010 12:28:26; Bright; 53.5; 107; 37The Aur ; 2.65; 11000;occ; 107; 0;44337
 11; 4574.3; 23-AUG-2010 12:31:46; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44337
 12; 4650.3; 23-AUG-2010 12:33:02; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;44337
 13; 4749.1; 23-AUG-2010 12:34:41; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44337
 14; 4982.4; 23-AUG-2010 12:38:35; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44337
 15; 5077.3; 23-AUG-2010 12:40:09; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44337
 16; 5194.6; 23-AUG-2010 12:42:07; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;44337
 17; 5308.0; 23-AUG-2010 12:44:00; Dark ; 46.5; 1; 9Alp CMa ; -1.44; 11000;occ; 93; 0;44337
 18; 5396.8; 23-AUG-2010 12:45:29; Dark ; 67.0; 7; 19Bet Ori ; 0.10; 14000;occ; 134; 0;44337
 19; 5553.1; 23-AUG-2010 12:48:05; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;44337
 20; 5669.1; 23-AUG-2010 12:50:01; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44337
 21; 6369.5; 23-AUG-2010 13:01:42; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44338
 22; 6561.0; 23-AUG-2010 13:04:53; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44338
 23; 6916.5; 23-AUG-2010 13:10:49; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44338
 24; 7043.4; 23-AUG-2010 13:12:56; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;44338
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 4; 2088.6; 23-AUG-2010 13:30:57; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44338
 5; 2488.5; 23-AUG-2010 13:37:37; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44338

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16; 5195.6; 23-AUG-2010 14:22:44; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44338
17; 5308.5; 23-AUG-2010 14:24:37; Dark ; 55.0; 1; 9Alp CMA ; -1.44; 11000;occ; 110; 0;44338
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22; 6561.5; 23-AUG-2010 14:45:30; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44339
23; 6917.0; 23-AUG-2010 14:51:25; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44339
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7; 2992.9; 23-AUG-2010 15:26:37; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;44339
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11; 4574.7; 23-AUG-2010 15:52:59; Dark ; 40.0; 28; 12Bet Tau ; 1.65; 15200;occ; 80; 0;44339
12; 4650.9; 23-AUG-2010 15:54:15; Dark ; 49.0; 151; 13Mu Gem ; 2.89; 3000;occ; 98; 0;44339
13; 4749.9; 23-AUG-2010 15:55:54; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44339
14; 4983.4; 23-AUG-2010 15:59:47; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44339
15; 5079.0; 23-AUG-2010 16:01:23; Dark ; 31.0; 27; 24Gam Ori ; 1.64; 26000;occ; 62; 0;44339
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17; 5308.9; 23-AUG-2010 16:05:13; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;44339
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12; 4373.8; 23-AUG-2010 17:30:14; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44340
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22; 6373.2; 23-AUG-2010 18:03:33; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44341

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9; 2992.0; 23-AUG-2010 18:47:48; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44341
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12; 4180.5; 23-AUG-2010 19:07:36; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;44341
13; 4373.7; 23-AUG-2010 19:10:50; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;44341
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4; 1603.6; 23-AUG-2010 20:05:16; Dark ; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44342
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13; 4180.2; 23-AUG-2010 20:48:12; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;44342
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16; 2487.9; 23-AUG-2010 22:00:36; Bright; 34.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 69; 0;44343
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18; 2991.9; 23-AUG-2010 22:09:00; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44343
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23; 4652.0; 23-AUG-2010 22:36:40; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44343
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6; 529.0; 23-AUG-2010 23:08:33; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44344
7; 884.8; 23-AUG-2010 23:14:28; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;44344
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7; 529.8; 24-AUG-2010 00:49:09; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44345
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 22; 2991.0; 24-AUG-2010 04:51:22; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44347
 23; 3221.8; 24-AUG-2010 04:55:13; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44347
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 14; 1011.4; 24-AUG-2010 05:58:59; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;44348
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 16; 1604.7; 24-AUG-2010 06:08:52; Dark ; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;44348
 17; 1800.4; 24-AUG-2010 06:12:08; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44348
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 22; 2991.3; 24-AUG-2010 06:31:59; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44348
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 5; -1047.4; 24-AUG-2010 07:05:16; Dark ; 60.5; 14; 58Alp Ori ; 0.87; 3000;occ; 121; 0;44348
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11; 346.8; 24-AUG-2010 07:28:30; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44349
12; 532.3; 24-AUG-2010 07:31:36; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44349
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3; 1902.8; 24-AUG-2010 07:54:26; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44349
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5; 2487.6; 24-AUG-2010 08:04:11; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44349
6; 2679.5; 24-AUG-2010 08:07:23; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44349
7; 2990.9; 24-AUG-2010 08:12:34; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44349
8; 3220.2; 24-AUG-2010 08:16:24; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;44349
9; 3353.4; 24-AUG-2010 08:18:37; Bright; 31.0; 76; 27Gam Cas ; 2.30; 30000;occ; 62; 0;44349
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12; 4653.6; 24-AUG-2010 08:40:17; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;44349
13; 4752.5; 24-AUG-2010 08:41:56; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44349
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16; 5313.7; 24-AUG-2010 08:51:17; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;44349
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6; 2990.8; 24-AUG-2010 09:53:10; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44350
7; 3219.1; 24-AUG-2010 09:56:58; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44350
8; 3352.7; 24-AUG-2010 09:59:12; Bright; 32.0; 76; 27Gam Cas ; 2.30; 30000;occ; 64; 0;44350
9; 4179.1; 24-AUG-2010 10:12:58; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;44350
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11; 4653.6; 24-AUG-2010 10:20:53; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;44350
12; 4752.7; 24-AUG-2010 10:22:32; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44350
13; 4989.9; 24-AUG-2010 10:26:29; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44350
14; 5205.3; 24-AUG-2010 10:30:05; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;44350
15; 5314.0; 24-AUG-2010 10:31:53; Dark ; 55.0; 1; 9Alp CMA ; -1.44; 11000;occ; 110; 0;44350
16; 5411.1; 24-AUG-2010 10:33:30; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;44350
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23; 7331.5; 24-AUG-2010 11:05:31; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;44351
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3; 1902.5; 24-AUG-2010 11:15:38; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44351
4; 2086.5; 24-AUG-2010 11:18:42; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44351
5; 2487.4; 24-AUG-2010 11:25:23; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44351
6; 2679.7; 24-AUG-2010 11:28:35; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44351
7; 2990.4; 24-AUG-2010 11:33:46; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44351

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11; 1605.5; 24-AUG-2010 22:54:52; Dark ; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44358
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18; 5697.3; 25-AUG-2010 15:08:27; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44367
19; 6406.2; 25-AUG-2010 15:20:16; Dark ; 56.0; 157; The1Eri ; 2.91; 9300;occ; 112; 0;44368
20; 6580.5; 25-AUG-2010 15:23:10; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44368
21; 6937.3; 25-AUG-2010 15:29:07; Dark ; 58.0; 84; Alp Phe ; 2.40; 4500;occ; 116; 0;44368
22; 7054.5; 25-AUG-2010 15:31:04; Dark ; 50.0; 63; Bet Gru ; 2.15; 2800;occ; 100; 0;44368
23; 7337.0; 25-AUG-2010 15:35:47; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44368
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 1; 1311.5; 25-AUG-2010 15:35:57; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 21;44368
 2; 1607.0; 25-AUG-2010 15:40:53; Dark ; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44368
 3; 1801.1; 25-AUG-2010 15:44:07; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44368
 4; 1900.7; 25-AUG-2010 15:45:47; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44368
 5; 2083.9; 25-AUG-2010 15:48:50; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44368
 6; 2486.5; 25-AUG-2010 15:55:32; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44368
 7; 2678.4; 25-AUG-2010 15:58:44; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44368
 8; 2987.7; 25-AUG-2010 16:03:54; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44368
 9; 3206.8; 25-AUG-2010 16:07:33; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44368
10; 3339.2; 25-AUG-2010 16:09:45; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44368
11; 4216.4; 25-AUG-2010 16:24:22; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;44368

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12; 4375.0; 25-AUG-2010 16:27:01; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44368
 13; 4658.7; 25-AUG-2010 16:31:45; Dark ; 49.0; 151; 13Mu Gem ; 2.89; 3000;occ; 98; 0;44368
 14; 4758.8; 25-AUG-2010 16:33:25; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;44368
 15; 5000.7; 25-AUG-2010 16:37:27; Dark ; 61.5; 14; 58Alp Ori ; 0.87; 3000;occ; 123; 0;44368
 16; 5221.0; 25-AUG-2010 16:41:07; Dark ; 54.0; 33; 50Zet Ori ; 1.77; 30000;occ; 108; 0;44368
 17; 5322.5; 25-AUG-2010 16:42:48; Dark ; 45.5; 1; 9Alp CMa ;-1.44; 11000;occ; 91; 0;44368
 18; 5521.6; 25-AUG-2010 16:46:07; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;44368
 19; 5698.3; 25-AUG-2010 16:49:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44368
 20; 6408.0; 25-AUG-2010 17:00:54; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;44369
 21; 6581.7; 25-AUG-2010 17:03:48; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44369
 22; 6938.3; 25-AUG-2010 17:09:44; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44369
 23; 7055.0; 25-AUG-2010 17:11:41; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;44369

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 2; 1607.1; 25-AUG-2010 17:21:29; Dark ; 55.0; 142; 49Del Cap ; 2.85; 8900;occ; 110; 0;44369
 3; 1800.8; 25-AUG-2010 17:24:43; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44369
 4; 1900.7; 25-AUG-2010 17:26:23; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44369
 5; 2083.8; 25-AUG-2010 17:29:26; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44369
 6; 2486.3; 25-AUG-2010 17:36:08; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44369
 7; 2678.5; 25-AUG-2010 17:39:20; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44369
 8; 2987.5; 25-AUG-2010 17:44:29; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44369
 9; 3206.1; 25-AUG-2010 17:48:08; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44369
 10; 3338.8; 25-AUG-2010 17:50:21; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44369
 11; 4216.4; 25-AUG-2010 18:04:58; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;44369
 12; 4375.2; 25-AUG-2010 18:07:37; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;44369
 13; 4658.8; 25-AUG-2010 18:12:21; Dark ; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;44369
 14; 4759.1; 25-AUG-2010 18:14:01; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;44369
 15; 5001.4; 25-AUG-2010 18:18:03; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44369
 16; 5221.7; 25-AUG-2010 18:21:44; Dark ; 56.0; 33; 50Zet Ori ; 1.77; 30000;occ; 112; 0;44369
 17; 5323.2; 25-AUG-2010 18:23:25; Dark ; 54.0; 1; 9Alp CMa ;-1.44; 11000;occ; 108; 0;44369
 18; 5522.7; 25-AUG-2010 18:26:45; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;44369
 19; 5699.3; 25-AUG-2010 18:29:41; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44369
 20; 6409.4; 25-AUG-2010 18:41:31; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44370
 21; 6581.9; 25-AUG-2010 18:44:24; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44370
 22; 6938.9; 25-AUG-2010 18:50:21; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44370
 23; 7055.4; 25-AUG-2010 18:52:17; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;44370

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1; 1032.4; 25-AUG-2010 18:52:30; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 26;44370
 2; 1301.7; 25-AUG-2010 18:57:00; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44370
 3; 1607.3; 25-AUG-2010 19:02:05; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44370
 4; 1800.9; 25-AUG-2010 19:05:19; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44370
 5; 1900.5; 25-AUG-2010 19:06:58; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;44370
 6; 2083.4; 25-AUG-2010 19:10:01; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44370
 7; 2486.7; 25-AUG-2010 19:16:45; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44370
 8; 2678.3; 25-AUG-2010 19:19:56; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44370
 9; 2987.4; 25-AUG-2010 19:25:05; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44370
 10; 3205.2; 25-AUG-2010 19:28:43; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44370
 11; 3338.0; 25-AUG-2010 19:30:56; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44370
 12; 4216.5; 25-AUG-2010 19:45:34; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44370
 13; 4374.9; 25-AUG-2010 19:48:13; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44370
 14; 4659.5; 25-AUG-2010 19:52:57; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;44370
 15; 4759.5; 25-AUG-2010 19:54:37; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44370
 16; 5002.0; 25-AUG-2010 19:58:40; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44370
 17; 5222.4; 25-AUG-2010 20:02:20; Dark ; 55.5; 33; 50Zet Ori ; 1.77; 30000;occ; 111; 0;44370
 18; 5323.6; 25-AUG-2010 20:04:01; Dark ; 52.0; 1; 9Alp CMa ;-1.44; 11000;occ; 104; 0;44370
 19; 5523.3; 25-AUG-2010 20:07:21; Dark ; 52.0; 101; 11Alp Lep ; 2.58; 7000;occ; 104; 0;44370
 20; 5700.2; 25-AUG-2010 20:10:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44370
 21; 6410.0; 25-AUG-2010 20:22:08; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;44371
 22; 6582.1; 25-AUG-2010 20:25:00; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44371
 23; 6939.6; 25-AUG-2010 20:30:57; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;44371

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 2; 1019.7; 25-AUG-2010 20:32:54; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44371
 3; 1301.6; 25-AUG-2010 20:37:35; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44371
 4; 1607.2; 25-AUG-2010 20:42:41; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44371
 5; 1801.2; 25-AUG-2010 20:45:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44371
 6; 1900.3; 25-AUG-2010 20:47:34; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44371
 7; 2083.4; 25-AUG-2010 20:50:37; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44371

8; 2486.1; 25-AUG-2010 20:57:20; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44371
 9; 2681.0; 25-AUG-2010 21:00:35; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;44371
 10; 2987.1; 25-AUG-2010 21:05:41; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44371
 11; 3204.6; 25-AUG-2010 21:09:18; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;44371
 12; 3337.3; 25-AUG-2010 21:11:31; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44371
 13; 4216.2; 25-AUG-2010 21:26:10; Bright; 54.0; 42; 34Bet Aur ; 1.90; 10200;occ; 108; 0;44371
 14; 4375.0; 25-AUG-2010 21:28:49; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;44371
 15; 4659.1; 25-AUG-2010 21:33:33; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44371
 16; 4759.4; 25-AUG-2010 21:35:13; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44371
 17; 5002.4; 25-AUG-2010 21:39:16; Dark ; 67.5; 14; 58Alp Ori ; 0.87; 3000;occ; 135; 0;44371
 18; 5223.1; 25-AUG-2010 21:42:57; Dark ; 55.5; 33; 50Zet Ori ; 1.77; 30000;occ; 111; 0;44371

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 2; -712.2; 25-AUG-2010 21:44:38; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;44371
 3; -511.2; 25-AUG-2010 21:47:59; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44371
 4; -334.8; 25-AUG-2010 21:50:55; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44371
 5; 375.6; 25-AUG-2010 22:02:45; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44372
 6; 547.2; 25-AUG-2010 22:05:37; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44372
 7; 904.3; 25-AUG-2010 22:11:34; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44372
 8; 1020.0; 25-AUG-2010 22:13:30; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;44372
 9; 1302.6; 25-AUG-2010 22:18:12; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44372
 10; 1607.4; 25-AUG-2010 22:23:17; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44372
 11; 1800.9; 25-AUG-2010 22:26:31; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44372
 12; 1900.2; 25-AUG-2010 22:28:10; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;44372
 13; 2083.5; 25-AUG-2010 22:31:13; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44372
 14; 2486.5; 25-AUG-2010 22:37:56; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;44372
 15; 2986.9; 25-AUG-2010 22:46:17; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44372
 16; 3203.9; 25-AUG-2010 22:49:54; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44372
 17; 3336.2; 25-AUG-2010 22:52:06; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44372
 18; 4216.0; 25-AUG-2010 23:06:46; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;44372
 19; 4375.1; 25-AUG-2010 23:09:25; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44372
 20; 4659.6; 25-AUG-2010 23:14:09; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44372
 21; 4759.8; 25-AUG-2010 23:15:50; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44372
 22; 5003.1; 25-AUG-2010 23:19:53; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44372
 23; 5324.0; 25-AUG-2010 23:25:14; Dark ; 1.5; 1; 9Alp CMA ; -1.44; 11000;occ; 3; 0;44372

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 2; -510.5; 25-AUG-2010 23:28:35; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44372
 3; -333.8; 25-AUG-2010 23:31:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44372
 4; 376.7; 25-AUG-2010 23:43:22; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44373
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 6; 904.9; 25-AUG-2010 23:52:11; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;44373
 7; 1020.4; 25-AUG-2010 23:54:06; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44373
 8; 1302.4; 25-AUG-2010 23:58:48; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;44373
 9; 1607.7; 26-AUG-2010 00:03:53; Dark ; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44373
 10; 1800.9; 26-AUG-2010 00:07:07; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44373
 11; 1900.3; 26-AUG-2010 00:08:46; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44373
 12; 2082.9; 26-AUG-2010 00:11:48; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44373
 13; 2486.2; 26-AUG-2010 00:18:32; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44373
 14; 2986.6; 26-AUG-2010 00:26:52; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44373
 15; 3203.2; 26-AUG-2010 00:30:29; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44373
 16; 3335.5; 26-AUG-2010 00:32:41; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;44373
 17; 4216.0; 26-AUG-2010 00:47:22; Bright; 47.5; 42; 34Bet Aur ; 1.90; 10200;occ; 95; 0;44373
 18; 4375.1; 26-AUG-2010 00:50:01; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44373
 19; 4659.9; 26-AUG-2010 00:54:46; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44373
 20; 4760.1; 26-AUG-2010 00:56:26; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44373
 21; 5003.6; 26-AUG-2010 01:00:29; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44373

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 3; -332.8; 26-AUG-2010 01:12:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44373
 4; 378.0; 26-AUG-2010 01:23:59; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44374
 5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374
 6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374
 7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374

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 2; -509.7; 26-AUG-2010 01:09:12; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;44373


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4; 378.0; 26-AUG-2010 01:23:59; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44374
5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374
6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374
7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374
8; 1302.8; 26-AUG-2010 01:39:24; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44374
9; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
10; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
11; 1900.1; 26-AUG-2010 01:49:22; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 37;44374
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2; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
3; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
4; 1900.1; 26-AUG-2010 01:49:22; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44374
5; 2083.3; 26-AUG-2010 01:52:25; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44374
6; 2486.6; 26-AUG-2010 01:59:08; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44374
7; 2986.6; 26-AUG-2010 02:07:28; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44374
8; 3202.6; 26-AUG-2010 02:11:04; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44374
9; 3334.9; 26-AUG-2010 02:13:16; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44374
10; 4216.1; 26-AUG-2010 02:27:58; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;44374
11; 4375.4; 26-AUG-2010 02:30:37; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44374
12; 4660.1; 26-AUG-2010 02:35:22; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44374
13; 4760.5; 26-AUG-2010 02:37:02; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;44374
14; 5004.4; 26-AUG-2010 02:41:06; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44374
15; 5222.7; 26-AUG-2010 02:44:44; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44374
16; 5325.3; 26-AUG-2010 02:46:27; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;44374
17; 5704.0; 26-AUG-2010 02:52:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44374
18; 6415.2; 26-AUG-2010 03:04:37; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44375
19; 6585.0; 26-AUG-2010 03:07:26; Dark ; 49.0; 9; Alp Eri ; 0.45; 24000;occ; 98; 0;44375
20; 6942.0; 26-AUG-2010 03:13:23; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44375
21; 7057.2; 26-AUG-2010 03:15:19; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;44375
22; 7339.4; 26-AUG-2010 03:20:01; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44375
23; 7643.6; 26-AUG-2010 03:25:05; Dark ; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44375
24; 7837.3; 26-AUG-2010 03:28:19; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44375
25; 7936.0; 26-AUG-2010 03:29:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44375
26; 8119.0; 26-AUG-2010 03:33:00; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44375
27; 8530.9; 26-AUG-2010 03:39:52; Bright; 26.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 53; 0;44375
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2; 3202.0; 26-AUG-2010 03:51:39; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44375
3; 3334.4; 26-AUG-2010 03:53:52; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44375
4; 4216.1; 26-AUG-2010 04:08:33; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44375
5; 4375.3; 26-AUG-2010 04:11:13; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44375
6; 4660.5; 26-AUG-2010 04:15:58; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44375
7; 4761.0; 26-AUG-2010 04:17:38; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44375
8; 5005.2; 26-AUG-2010 04:21:43; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44375
9; 5223.7; 26-AUG-2010 04:25:21; Dark ; 59.5; 72; 34Del Ori ; 2.25; 30000;occ; 119; 0;44375
10; 5325.9; 26-AUG-2010 04:27:03; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;44375
11; 5528.0; 26-AUG-2010 04:30:25; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44375
12; 5705.1; 26-AUG-2010 04:33:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44375
13; 6416.6; 26-AUG-2010 04:45:14; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44376
14; 6585.8; 26-AUG-2010 04:48:03; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44376
15; 6943.2; 26-AUG-2010 04:54:01; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;44376
16; 7057.7; 26-AUG-2010 04:55:55; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44376
17; 7339.3; 26-AUG-2010 05:00:37; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44376
18; 7644.0; 26-AUG-2010 05:05:41; Dark ; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;44376
19; 7837.5; 26-AUG-2010 05:08:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44376
20; 7936.2; 26-AUG-2010 05:10:34; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44376
21; 8119.2; 26-AUG-2010 05:13:37; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44376
22; 8587.3; 26-AUG-2010 05:21:25; Bright; 49.5; 164; 44Eta Peg ; 2.95; 5400;occ; 99; 0;44376
23; 9022.7; 26-AUG-2010 05:28:40; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44376
24; 9237.1; 26-AUG-2010 05:32:14; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44376
25; 9369.6; 26-AUG-2010 05:34:27; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44376
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2; -1660.7; 26-AUG-2010 05:51:49; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;44376
3; -1375.4; 26-AUG-2010 05:56:34; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;44376
4; -1274.6; 26-AUG-2010 05:58:15; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44376

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 2; -1660.6; 26-AUG-2010 07:32:25; Bright; 58.0; 107; 37The Aur ; 2.65; 11000;occ; 116; 0;44377
 3; -1374.9; 26-AUG-2010 07:37:10; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;44377
 4; -1274.3; 26-AUG-2010 07:38:51; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44377
 5; -1029.7; 26-AUG-2010 07:42:56; Dark ; 63.5; 14; 58Alp Ori ; 0.87; 3000;occ; 127; 0;44377
 6; -810.3; 26-AUG-2010 07:46:35; Dark ; 55.5; 72; 34Del Ori ; 2.25; 30000;occ; 111; 0;44377
 7; -709.2; 26-AUG-2010 07:48:16; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;44377
 8; -505.8; 26-AUG-2010 07:51:40; Dark ; 50.0; 101; 11Alp Lep ; 2.58; 7000;occ; 100; 0;44377
 9; -328.9; 26-AUG-2010 07:54:36; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44377
 10; 382.8; 26-AUG-2010 08:06:28; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44378
 11; 551.0; 26-AUG-2010 08:09:16; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44378
 12; 908.4; 26-AUG-2010 08:15:14; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44378
 13; 1022.3; 26-AUG-2010 08:17:08; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;44378
 14; 1304.2; 26-AUG-2010 08:21:50; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44378
 15; 1608.2; 26-AUG-2010 08:26:54; Dark ; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44378

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 2; 1900.1; 26-AUG-2010 08:31:45; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44378
 3; 2082.6; 26-AUG-2010 08:34:48; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44378
 4; 2549.7; 26-AUG-2010 08:42:35; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44378
 5; 2986.1; 26-AUG-2010 08:49:51; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44378
 6; 3200.0; 26-AUG-2010 08:53:25; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44378
 7; 3331.9; 26-AUG-2010 08:55:37; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44378
 8; 4215.9; 26-AUG-2010 09:10:21; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44378
 9; 4375.5; 26-AUG-2010 09:13:01; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44378
 10; 4661.2; 26-AUG-2010 09:17:47; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44378
 11; 4761.8; 26-AUG-2010 09:19:27; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;44378
 12; 5006.9; 26-AUG-2010 09:23:32; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44378
 13; 5226.3; 26-AUG-2010 09:27:12; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44378
 14; 5327.1; 26-AUG-2010 09:28:52; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;44378
 15; 5530.9; 26-AUG-2010 09:32:16; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44378
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 2; 552.5; 26-AUG-2010 11:30:30; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44380
 3; 909.5; 26-AUG-2010 11:36:27; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44380
 4; 1023.3; 26-AUG-2010 11:38:20; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44380
 5; 1304.9; 26-AUG-2010 11:43:02; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44380
 6; 1608.3; 26-AUG-2010 11:48:05; Dark ; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44380

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 3; 2082.5; 26-AUG-2010 11:56:00; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44380
 4; 2548.5; 26-AUG-2010 12:03:46; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44380
 5; 2985.5; 26-AUG-2010 12:11:03; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44380
 6; 3198.7; 26-AUG-2010 12:14:36; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44380
 7; 4215.9; 26-AUG-2010 12:31:33; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;44380
 8; 4375.4; 26-AUG-2010 12:34:12; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44380
 9; 4661.6; 26-AUG-2010 12:38:59; Dark ; 59.5; 151; 13Mu Gem ; 2.89; 3000;occ; 119; 0;44380
 10; 4762.5; 26-AUG-2010 12:40:40; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44380
 11; 5008.4; 26-AUG-2010 12:44:46; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44380
 12; 5228.2; 26-AUG-2010 12:48:25; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44380
 13; 5328.2; 26-AUG-2010 12:50:05; Dark ; 44.0; 1; 9Alp CMa ; -1.44; 11000;occ; 88; 0;44380
 14; 5532.8; 26-AUG-2010 12:53:30; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;44380
 15; 5709.9; 26-AUG-2010 12:56:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44380
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 17; 6589.0; 26-AUG-2010 13:11:06; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44381
 18; 6946.4; 26-AUG-2010 13:17:03; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44381
 19; 7059.2; 26-AUG-2010 13:18:56; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44381
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 2; 1801.5; 26-AUG-2010 13:31:54; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44381
 3; 1899.5; 26-AUG-2010 13:33:32; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44381
 4; 2082.1; 26-AUG-2010 13:36:35; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44381
 5; 2547.8; 26-AUG-2010 13:44:21; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;44381
 6; 2985.6; 26-AUG-2010 13:51:39; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44381

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7; 3197.3; 26-AUG-2010 13:55:10; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44381
8; 3329.7; 26-AUG-2010 13:57:23; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44381
9; 4215.5; 26-AUG-2010 14:12:08; Bright; 45.5; 42; 34Bet Aur ; 1.90; 10200;occ; 91; 0;44381
10; 4375.7; 26-AUG-2010 14:14:49; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44381
11; 4661.9; 26-AUG-2010 14:19:35; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;44381
12; 4762.8; 26-AUG-2010 14:21:16; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44381
13; 5008.6; 26-AUG-2010 14:25:22; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44381
14; 5229.4; 26-AUG-2010 14:29:02; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44381
15; 5328.9; 26-AUG-2010 14:30:42; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;44381
16; 5534.0; 26-AUG-2010 14:34:07; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;44381
17; 5711.0; 26-AUG-2010 14:37:04; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44381
18; 6423.6; 26-AUG-2010 14:48:57; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;44382
19; 6589.2; 26-AUG-2010 14:51:42; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44382
20; 6947.2; 26-AUG-2010 14:57:40; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44382
21; 7059.7; 26-AUG-2010 14:59:33; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;44382
22; 7341.2; 26-AUG-2010 15:04:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44382
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5; 2547.3; 26-AUG-2010 15:24:56; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;44382
6; 2985.5; 26-AUG-2010 15:32:14; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44382
7; 3196.7; 26-AUG-2010 15:35:46; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44382
8; 3328.9; 26-AUG-2010 15:37:58; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44382
9; 4215.8; 26-AUG-2010 15:52:45; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;44382
10; 4375.9; 26-AUG-2010 15:55:25; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44382
11; 4662.3; 26-AUG-2010 16:00:11; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44382
12; 4763.1; 26-AUG-2010 16:01:52; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44382
13; 5009.5; 26-AUG-2010 16:05:58; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44382
14; 5230.4; 26-AUG-2010 16:09:39; Dark ; 39.0; 72; 34Del Ori ; 2.25; 30000;occ; 78; 0;44382
15; 5329.1; 26-AUG-2010 16:11:18; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;44382
16; 5534.8; 26-AUG-2010 16:14:44; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;44382
17; 5712.0; 26-AUG-2010 16:17:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44382
18; 6425.0; 26-AUG-2010 16:29:34; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44383
19; 6590.4; 26-AUG-2010 16:32:19; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44383
20; 6947.6; 26-AUG-2010 16:38:16; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44383
21; 7060.0; 26-AUG-2010 16:40:09; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44383
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8; 3196.3; 26-AUG-2010 17:16:21; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44383
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13; 4763.6; 26-AUG-2010 17:42:28; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44383
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5; 1801.8; 26-AUG-2010 20:14:19; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44385
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11; 1608.9; 26-AUG-2010 21:51:42; Dark ; 55.0; 142; 49Del Cap ; 2.85; 8900;occ; 110; 0;44386

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