

GOMOS Daily Report 04-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	08AUG2010 04:59:28
Data source version	GOMOS/5.01
Start time of products	04AUG2010 00:02:45
Stop time of products	04AUG2010 23:48:00
Store outputs in DB	Yes
Nb of level 1b prods	130
Nb of prods with errors	0

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

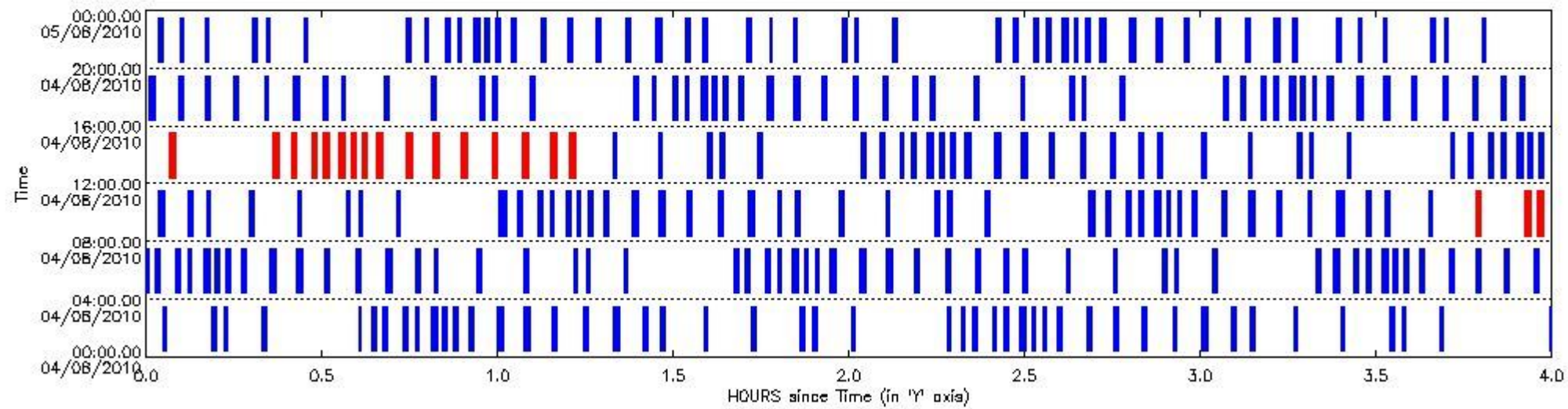
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
04-AUG-2010 11:47:04	53AlpAql	11	44065
04-AUG-2010 11:55:24	53EpsCyg	92	44065
04-AUG-2010 11:57:33	18DelCyg	144	44065
04-AUG-2010 12:03:59	5AlpCep	89	44065
04-AUG-2010 12:21:36	39DelPer	175	44065
04-AUG-2010 12:24:40	45EpsPer	149	44065
04-AUG-2010 12:28:09	12BetTau	28	44065
04-AUG-2010 12:30:16	23ZetTau	176	44065
04-AUG-2010 12:32:55	87AlpTau	13	44065
04-AUG-2010 12:34:53	24GamOri	27	44065
04-AUG-2010 12:36:48	46EpsOri	30	44065
04-AUG-2010 12:39:21	19BetOri	7	44065
04-AUG-2010 12:44:20	34GamEri	165	44065
04-AUG-2010 12:48:54	DSA1061	0	44065
04-AUG-2010 12:53:45	The1Eri	157	44066

04-AUG-2010 12:59:02	AlpEri	9	44066
04-AUG-2010 13:04:04	AlpPhe	84	44066
04-AUG-2010 13:09:05	AlpGru	31	44066
04-AUG-2010 13:12:12	GamGru	172	44066

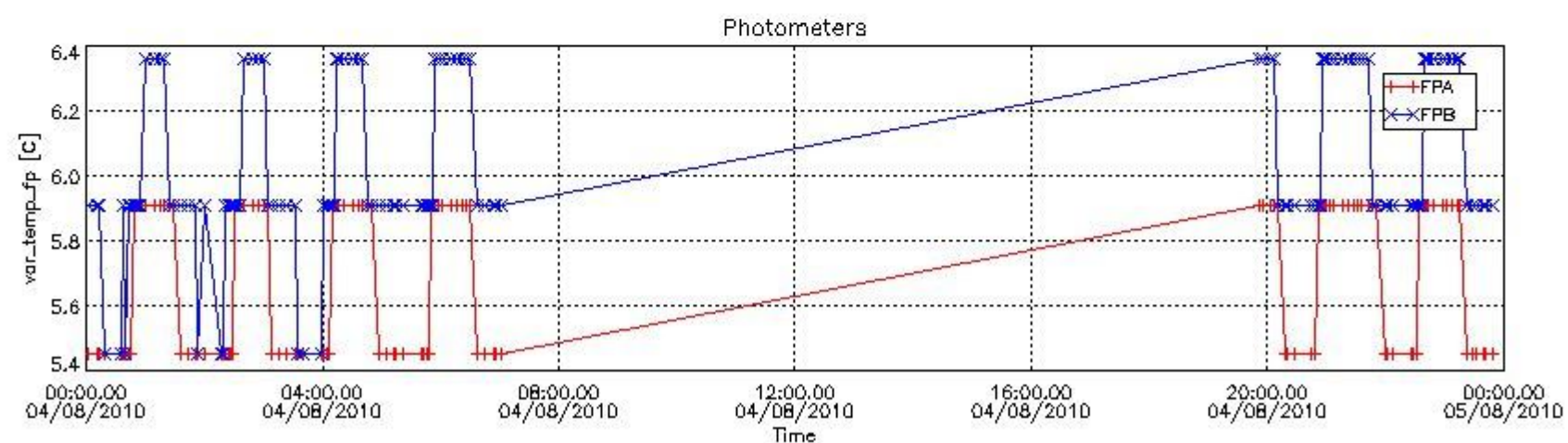
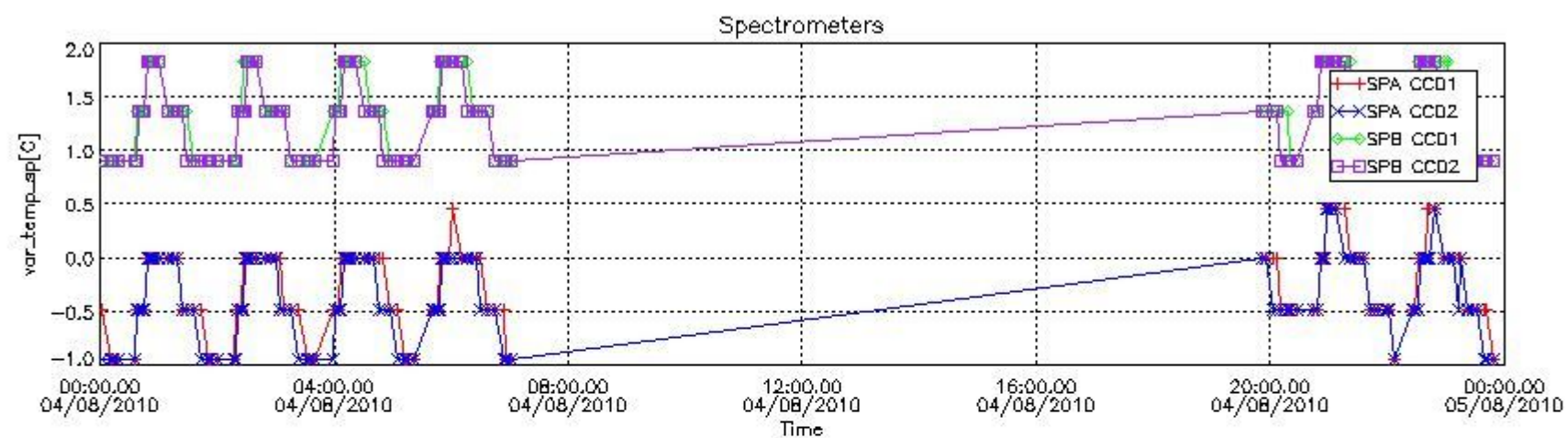
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100804_000245_000000402091_00417_44058_2303.N1	04-AUG-2010 00:02:45	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	44058	No
2	GOM_TRA_1PNPDE20100804_001108_000000452091_00417_44058_2304.N1	04-AUG-2010 00:11:08	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	44058	No
3	GOM_TRA_1PNPDE20100804_001315_000000362091_00417_44058_2305.N1	04-AUG-2010 00:13:15	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	44058	No
4	GOM_TRA_1PNPDE20100804_001943_000000422091_00417_44058_2306.N1	04-AUG-2010 00:19:43	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44058	No
5	GOM_TRA_1PNPDE20100804_003615_000000252091_00417_44058_2307.N1	04-AUG-2010 00:36:15	Twilight	25.000	35	33Alp Per	1.7950	6250.0	50	44058	No
6	GOM_TRA_1PNPDE20100804_003829_000000472091_00417_44058_2308.N1	04-AUG-2010 00:38:29	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	44058	No
7	GOM_TRA_1PNPDE20100804_004021_000000502091_00417_44058_2309.N1	04-AUG-2010 00:40:21	Bright	50.000	149	45Eps Per	2.8880	30000.	100	44058	No
8	GOM_TRA_1PNPDE20100804_004349_000000472091_00417_44058_2310.N1	04-AUG-2010 00:43:49	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	44058	No
9	GOM_TRA_1PNPDE20100804_004556_000000432091_00417_44058_2311.N1	04-AUG-2010 00:45:56	Twilight	42.500	176	23Zet Tau	3.0200	22000.	85	44058	No
10	GOM_TRA_1PNPDE20100804_004833_000000662091_00417_44058_2312.N1	04-AUG-2010 00:48:33	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	44058	No
11	GOM_TRA_1PNPDE20100804_005031_000000452091_00417_44058_2313.N1	04-AUG-2010 00:50:31	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	44058	No
12	GOM_TRA_1PNPDE20100804_005226_000000432091_00417_44058_2314.N1	04-AUG-2010 00:52:26	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	44058	No
13	GOM_TRA_1PNPDE20100804_005459_000000472091_00417_44058_2315.N1	04-AUG-2010 00:54:59	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	44058	No
14	GOM_TRA_1PNPDE20100804_005954_000000572091_00417_44058_2335.N1	04-AUG-2010 00:59:54	Dark	57.000	165	34Gam Eri	2.9500	3200.0	114	44058	No
15	GOM_TRA_1PNPDE20100804_010919_000000442091_00418_44059_2336.N1	04-AUG-2010 01:09:19	Dark	44.000	157	The1Eri	2.9060	9300.0	88	44059	No
16	GOM_TRA_1PNPDE20100804_011438_000000532091_00418_44059_2337.N1	04-AUG-2010 01:14:38	Dark	53.000	9	Alp Eri	0.45300	24000.	106	44059	No
17	GOM_TRA_1PNPDE20100804_011938_000000632091_00418_44059_2338.N1	04-AUG-2010 01:19:38	Straylight	62.500	84	Alp Phe	2.3970	4500.0	125	44059	No
18	GOM_TRA_1PNPDE20100804_012443_000000482091_00418_44059_2339.N1	04-AUG-2010 01:24:43	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	44059	No
19	GOM_TRA_1PNPDE20100804_012750_000000452091_00418_44059_2340.N1	04-AUG-2010 01:27:50	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44059	No
20	GOM_TRA_1PNPDE20100804_013518_000000312091_00418_44059_2341.N1	04-AUG-2010 01:35:18	Twilight	31.000	142	49Del Cap	2.8500	8900.0	62	44059	No
21	GOM_TRA_1PNPDE20100804_014321_000000382091_00418_44059_2342.N1	04-AUG-2010 01:43:21	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44059	No
22	GOM_TRA_1PNPDE20100804_015143_000000412091_00418_44059_2343.N1	04-AUG-2010 01:51:43	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	44059	No
23	GOM_TRA_1PNPDE20100804_015351_000000352091_00418_44059_2344.N1	04-AUG-2010 01:53:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	44059	No
24	GOM_TRA_1PNPDE20100804_020018_000000422091_00418_44059_2345.N1	04-AUG-2010 02:00:18	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44059	No
25	GOM_TRA_1PNPDE20100804_021650_000000252091_00418_44059_2346.N1	04-AUG-2010 02:16:50	Twilight	25.000	35	33Alp Per	1.7950	6250.0	50	44059	No
26	GOM_TRA_1PNPDE20100804_021904_000000422091_00418_44059_2347.N1	04-AUG-2010 02:19:04	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	44059	No
27	GOM_TRA_1PNPDE20100804_022057_000000482091_00418_44059_2348.N1	04-AUG-2010 02:20:57	Bright	47.500	149	45Eps Per	2.8880	30000.	95	44059	No
28	GOM_TRA_1PNPDE20100804_022425_000000482091_00418_44059_2349.N1	04-AUG-2010 02:24:25	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	44059	No
29	GOM_TRA_1PNPDE20100804_022632_000000432091_00418_44059_2350.N1	04-AUG-2010 02:26:32	Twilight	42.500	176	23Zet Tau	3.0200	22000.	85	44059	No
30	GOM_TRA_1PNPDE20100804_022909_000000662091_00418_44059_2351.N1	04-AUG-2010 02:29:09	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	44059	No
31	GOM_TRA_1PNPDE20100804_023108_000000432091_00418_44059_2352.N1	04-AUG-2010 02:31:08	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	44059	No
32	GOM_TRA_1PNPDE20100804_023302_000000432091_00418_44059_2353.N1	04-AUG-2010 02:33:02	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	44059	No
33	GOM_TRA_1PNPDE20100804_023535_000000462091_00418_44059_2354.N1	04-AUG-2010 02:35:35	Dark	45.500	7	19Bet Ori	0.10000	14000.	91	44059	No
34	GOM_TRA_1PNPDE20100804_024031_000000612091_00418_44059_2355.N1	04-AUG-2010 02:40:31	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	44059	No
35	GOM_TRA_1PNPDE20100804_024956_000000472091_00419_44060_2356.N1	04-AUG-2010 02:49:56	Dark	47.000	157	The1Eri	2.9060	9300.0	94	44060	No
36	GOM_TRA_1PNPDE20100804_025515_000000462091_00419_44060_2357.N1	04-AUG-2010 02:55:15	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44060	No
37	GOM_TRA_1PNPDE20100804_030016_000000592091_00419_44060_2358.N1	04-AUG-2010 03:00:16	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	44060	No
38	GOM_TRA_1PNPDE20100804_030520_000000452091_00419_44060_2359.N1	04-AUG-2010 03:05:20	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44060	No
39	GOM_TRA_1PNPDE20100804_030826_000000452091_00419_44060_2360.N1	04-AUG-2010 03:08:26	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44060	No
40	GOM_TRA_1PNPDE20100804_031554_000000372091_00419_44060_2361.N1	04-AUG-2010 03:15:54	Bright	37.000	142	49Del Cap	2.8500	8900.0	74	44060	No
41	GOM_TRA_1PNPDE20100804_032357_000000382091_00419_44060_2362.N1	04-AUG-2010 03:23:57	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	44060	No
42	GOM_TRA_1PNPDE20100804_033219_000000452091_00419_44060_2363.N1	04-AUG-2010 03:32:19	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	44060	No
43	GOM_TRA_1PNPDE20100804_033427_000000392091_00419_44060_2364.N1	04-AUG-2010 03:34:27	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	44060	No
44	GOM_TRA_1PNPDE20100804_034054_000000382091_00419_44060_2363.N1	04-AUG-2010 03:40:54	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44060	No
45	GOM_TRA_1PNPDE20100804_035941_000000472091_00419_44060_2364.N1	04-AUG-2010 03:59:41	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	44060	No
46	GOM_TRA_1PNPDE20100804_040133_000000522091_00419_44060_2365.N1	04-AUG-2010 04:01:33	Bright	52.000	149	45Eps Per	2.8880	30000.	104	44060	No
47	GOM_TRA_1PNPDE20100804_040501_000000452091_00419_44060_2366.N1	04-AUG-2010 04:05:01	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	44060	No
48	GOM_TRA_1PNPDE20100804_040708_000000392091_00419_44060_2367.N1	04-AUG-2010 04:07:08	Twilight	39.000	176	23Zet Tau	3.0200	22000.	78	44060	No
49	GOM_TRA_1PNPDE20100804_040946_000000662091_00419_44060_2368.N1	04-AUG-2010 04:09:46	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	44060	No
50	GOM_TRA_1PNPDE20100804_041144_000000432091_00419_44060_2369.N1	04-AUG-2010 04:11:44	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	44060	No

51	GOM_TRA_1PNPDE20100804_041339_000000402091_00419_44060_2370.N1	04-AUG-2010 04:13:39	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	44060	No
52	GOM_TRA_1PNPDE20100804_041612_000000522091_00419_44060_2371.N1	04-AUG-2010 04:16:12	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	44060	No
53	GOM_TRA_1PNPDE20100804_042108_000000582091_00419_44060_2372.N1	04-AUG-2010 04:21:08	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	44060	No
54	GOM_TRA_1PNPDE20100804_043032_000000482091_00420_44061_2373.N1	04-AUG-2010 04:30:32	Dark	48.000	157	The1Eri	2.9060	9300.0	96	44061	No
55	GOM_TRA_1PNPDE20100804_043551_000000432091_00420_44061_2374.N1	04-AUG-2010 04:35:51	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44061	No
56	GOM_TRA_1PNPDE20100804_044052_000000592091_00420_44061_2375.N1	04-AUG-2010 04:40:52	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	44061	No
57	GOM_TRA_1PNPDE20100804_044556_000000442091_00420_44061_2376.N1	04-AUG-2010 04:45:56	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	44061	No
58	GOM_TRA_1PNPDE20100804_044903_000000452091_00420_44061_2377.N1	04-AUG-2010 04:49:03	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44061	No
59	GOM_TRA_1PNPDE20100804_045629_000000372091_00420_44061_2378.N1	04-AUG-2010 04:56:29	Bright	37.000	142	49Del Cap	2.8500	8900.0	74	44061	No
60	GOM_TRA_1PNPDE20100804_050433_000000382091_00420_44061_2379.N1	04-AUG-2010 05:04:33	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44061	No
61	GOM_TRA_1PNPDE20100804_051254_000000452091_00420_44061_2380.N1	04-AUG-2010 05:12:54	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	44061	No
62	GOM_TRA_1PNPDE20100804_051503_000000372091_00420_44061_2381.N1	04-AUG-2010 05:15:03	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	44061	No
63	GOM_TRA_1PNPDE20100804_052129_000000412091_00420_44061_2382.N1	04-AUG-2010 05:21:29	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44061	No
64	GOM_TRA_1PNPDE20100804_054017_000000452091_00420_44061_2386.N1	04-AUG-2010 05:40:17	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	44061	No
65	GOM_TRA_1PNPDE20100804_054209_000000582091_00420_44061_2387.N1	04-AUG-2010 05:42:09	Bright	58.000	149	45Eps Per	2.8880	30000.	116	44061	No
66	GOM_TRA_1PNPDE20100804_054537_000000502091_00420_44061_2388.N1	04-AUG-2010 05:45:37	Bright	49.500	28	12Bet Tau	1.6500	15200.	99	44061	No
67	GOM_TRA_1PNPDE20100804_054744_000000422091_00420_44061_2389.N1	04-AUG-2010 05:47:44	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	44061	No
68	GOM_TRA_1PNPDE20100804_055022_000000562091_00420_44061_2390.N1	04-AUG-2010 05:50:22	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	44061	No
69	GOM_TRA_1PNPDE20100804_055220_000000422091_00420_44061_2391.N1	04-AUG-2010 05:52:20	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	44061	No
70	GOM_TRA_1PNPDE20100804_055415_000000392091_00420_44061_2392.N1	04-AUG-2010 05:54:15	Dark	38.500	30	46Eps Ori	1.6940	30000.	77	44061	No
71	GOM_TRA_1PNPDE20100804_055648_000000572091_00420_44061_2393.N1	04-AUG-2010 05:56:48	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	44061	No
72	GOM_TRA_1PNPDE20100804_060145_000000592091_00420_44061_2394.N1	04-AUG-2010 06:01:45	Dark	59.000	165	34Gam Eri	2.9500	3200.0	118	44061	No
73	GOM_TRA_1PNPDE20100804_061110_000000472091_00421_44062_2395.N1	04-AUG-2010 06:11:10	Dark	47.000	157	The1Eri	2.9060	9300.0	94	44062	No
74	GOM_TRA_1PNPDE20100804_061628_000000562091_00421_44062_2396.N1	04-AUG-2010 06:16:28	Dark	55.500	9	Alp Eri	0.45300	24000.	111	44062	No
75	GOM_TRA_1PNPDE20100804_062129_000000592091_00421_44062_2397.N1	04-AUG-2010 06:21:29	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	44062	No
76	GOM_TRA_1PNPDE20100804_062633_000000432091_00421_44062_2398.N1	04-AUG-2010 06:26:33	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	44062	No
77	GOM_TRA_1PNPDE20100804_062939_000000442091_00421_44062_2399.N1	04-AUG-2010 06:29:39	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	44062	No
78	GOM_TRA_1PNPDE20100804_063706_000000432091_00421_44062_2400.N1	04-AUG-2010 06:37:06	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	44062	No
79	GOM_TRA_1PNPDE20100804_064509_000000392091_00421_44062_2401.N1	04-AUG-2010 06:45:09	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44062	No
80	GOM_TRA_1PNPDE20100804_065330_000000442091_00421_44062_2402.N1	04-AUG-2010 06:53:30	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	44062	No
81	GOM_TRA_1PNPDE20100804_065538_000000392091_00421_44062_2403.N1	04-AUG-2010 06:55:38	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	44062	No
82	GOM_TRA_1PNPDE20100804_070205_000000412091_00421_44062_2404.N1	04-AUG-2010 07:02:05	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44062	No
83	GOM_TRA_1PNPDE20100804_195124_000000482091_00429_44070_2502.N1	04-AUG-2010 19:51:24	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	44070	No
84	GOM_TRA_1PNPDE20100804_195430_000000462091_00429_44070_2503.N1	04-AUG-2010 19:54:30	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44070	No
85	GOM_TRA_1PNPDE20100804_200154_000000512091_00429_44070_2504.N1	04-AUG-2010 20:01:54	Bright	51.000	142	49Del Cap	2.8500	8900.0	102	44070	No
86	GOM_TRA_1PNPDE20100804_200553_000000252091_00429_44070_2505.N1	04-AUG-2010 20:05:53	Tw_i_and_stray	25.000	154	22Bet Aqr	2.8990	5700.0	50	44070	No
87	GOM_TRA_1PNPDE20100804_200956_000000392091_00429_44070_2506.N1	04-AUG-2010 20:09:56	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	44070	No
88	GOM_TRA_1PNPDE20100804_201814_000000412091_00429_44070_2507.N1	04-AUG-2010 20:18:14	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	44070	No
89	GOM_TRA_1PNPDE20100804_202024_000000362091_00429_44070_2508.N1	04-AUG-2010 20:20:24	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	44070	No
90	GOM_TRA_1PNPDE20100804_202649_000000432091_00429_44070_2509.N1	04-AUG-2010 20:26:49	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	44070	No
91	GOM_TRA_1PNPDE20100804_204427_000000462091_00429_44070_2510.N1	04-AUG-2010 20:44:27	Bright	46.000	175	39Del Per	3.0100	19400.	92	44070	No
92	GOM_TRA_1PNPDE20100804_204732_000000362091_00429_44070_2511.N1	04-AUG-2010 20:47:32	Bright	36.000	149	45Eps Per	2.8880	30000.	72	44070	No
93	GOM_TRA_1PNPDE20100804_205102_000000442091_00429_44070_2512.N1	04-AUG-2010 20:51:02	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	44070	No
94	GOM_TRA_1PNPDE20100804_205310_000000422091_00429_44070_2513.N1	04-AUG-2010 20:53:10	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	44070	No
95	GOM_TRA_1PNPDE20100804_205550_000000622091_00429_44070_2514.N1	04-AUG-2010 20:55:50	Dark	61.500	13	87Alp Tau	0.86700	3800.0	123	44070	No
96	GOM_TRA_1PNPDE20100804_205747_000000462091_00429_44070_2524.N1	04-AUG-2010 20:57:47	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	44070	No
97	GOM_TRA_1PNPDE20100804_205942_000000432091_00429_44070_2525.N1	04-AUG-2010 20:59:42	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	44070	No
98	GOM_TRA_1PNPDE20100804_210216_000000532091_00429_44070_2526.N1	04-AUG-2010 21:02:16	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	44070	No
99	GOM_TRA_1PNPDE20100804_210718_000000552091_00429_44070_2527.N1	04-AUG-2010 21:07:18	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	44070	No
100	GOM_TRA_1PNPDE20100804_211642_000000482091_00430_44071_2528.N1	04-AUG-2010 21:16:42	Dark	48.000	157	The1Eri	2.9060	9300.0	96	44071	No
101	GOM_TRA_1PNPDE20100804_212158_000000442091_00430_44071_2529.N1	04-AUG-2010 21:21:58	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44071	No
102	GOM_TRA_1PNPDE20100804_212702_000000662091_00430_44071_2530.N1	04-AUG-2010 21:27:02	Straylight	66.000	84	Alp Phe	2.3970	4500.0	132	44071	No
103	GOM_TRA_1PNPDE20100804_213200_000000482091_00430_44071_2531.N1	04-AUG-2010 21:32:00	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	44071	No
104	GOM_TRA_1PNPDE20100804_213506_000000462091_00430_44071_2532.N1	04-AUG-2010 21:35:06	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	44071	No
105	GOM_TRA_1PNPDE20100804_214230_000000512091_00430_44071_2533.N1	04-AUG-2010 21:42:30	Bright	51.000	142	49Del Cap	2.8500	8900.0	102	44071	No
106	GOM_TRA_1PNPDE20100804_214629_000000252091_00430_44071_2534.N1	04-AUG-2010 21:46:29	Tw_i_and_stray	25.000	154	22Bet Aqr	2.8990	5700.0	50	44071	No
107	GOM_TRA_1PNPDE20100804_215032_000000382091_00430_44071_2535.N1	04-AUG-2010 21:50:32	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44071	No
108	GOM_TRA_1PNPDE20100804_215849_000000412091_00430_44071_2536.N1	04-AUG-2010 21:58:49	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	44071	No
109	GOM_TRA_1PNPDE20100804_220100_000000382091_00430_44071_2537.N1	04-AUG-2010 22:01:00	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	44071	No

110	GOM_TRA_1PNPDE20100804_220725_000000402091_00430_44071_2538.N1	04-AUG-2010 22:07:25	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44071	No
111	GOM_TRA_1PNPDE20100804_222503_000000472091_00430_44071_2539.N1	04-AUG-2010 22:25:03	Bright	46.500	175	39Del Per	3.0100	19400.	93	44071	No
112	GOM_TRA_1PNPDE20100804_222808_000000362091_00430_44071_2540.N1	04-AUG-2010 22:28:08	Bright	36.000	149	45Eps Per	2.8880	30000.	72	44071	No
113	GOM_TRA_1PNPDE20100804_223138_000000462091_00430_44071_2541.N1	04-AUG-2010 22:31:38	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	44071	No
114	GOM_TRA_1PNPDE20100804_223345_000000402091_00430_44071_2542.N1	04-AUG-2010 22:33:45	Twilight	40.000	176	23Zet Tau	3.0200	22000.	80	44071	No
115	GOM_TRA_1PNPDE20100804_223626_000000632091_00430_44071_2543.N1	04-AUG-2010 22:36:26	Dark	62.500	13	87Alp Tau	0.86700	3800.0	125	44071	No
116	GOM_TRA_1PNPDE20100804_223824_000000462091_00430_44071_2544.N1	04-AUG-2010 22:38:24	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	44071	No
117	GOM_TRA_1PNPDE20100804_224018_000000452091_00430_44071_2545.N1	04-AUG-2010 22:40:18	Dark	44.500	30	46Eps Ori	1.6940	30000.	89	44071	No
118	GOM_TRA_1PNPDE20100804_224253_000000572091_00430_44071_2546.N1	04-AUG-2010 22:42:53	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	44071	No
119	GOM_TRA_1PNPDE20100804_224755_000000562091_00430_44071_2550.N1	04-AUG-2010 22:47:55	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	44071	No
120	GOM_TRA_1PNPDE20100804_225719_000000482091_00431_44072_2551.N1	04-AUG-2010 22:57:19	Dark	48.000	157	The1Eri	2.9060	9300.0	96	44072	No
121	GOM_TRA_1PNPDE20100804_230234_000000452091_00431_44072_2552.N1	04-AUG-2010 23:02:34	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44072	No
122	GOM_TRA_1PNPDE20100804_230739_000000552091_00431_44072_2553.N1	04-AUG-2010 23:07:39	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44072	No
123	GOM_TRA_1PNPDE20100804_231236_000000532091_00431_44072_2554.N1	04-AUG-2010 23:12:36	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	44072	No
124	GOM_TRA_1PNPDE20100804_231542_000000452091_00431_44072_2555.N1	04-AUG-2010 23:15:42	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44072	No
125	GOM_TRA_1PNPDE20100804_232306_000000482091_00431_44072_2556.N1	04-AUG-2010 23:23:06	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	44072	No
126	GOM_TRA_1PNPDE20100804_232705_000000322091_00431_44072_2557.N1	04-AUG-2010 23:27:05	Twilight	32.000	154	22Bet Aqr	2.8990	5700.0	64	44072	No
127	GOM_TRA_1PNPDE20100804_233108_000000382091_00431_44072_2558.N1	04-AUG-2010 23:31:08	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	44072	No
128	GOM_TRA_1PNPDE20100804_233925_000000422091_00431_44072_2559.N1	04-AUG-2010 23:39:25	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	44072	No
129	GOM_TRA_1PNPDE20100804_234136_000000372091_00431_44072_2560.N1	04-AUG-2010 23:41:36	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	44072	No
130	GOM_TRA_1PNPDE20100804_234800_000000412091_00431_44072_2561.N1	04-AUG-2010 23:48:00	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44072	No

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



4. Overview of dark signal processing per product

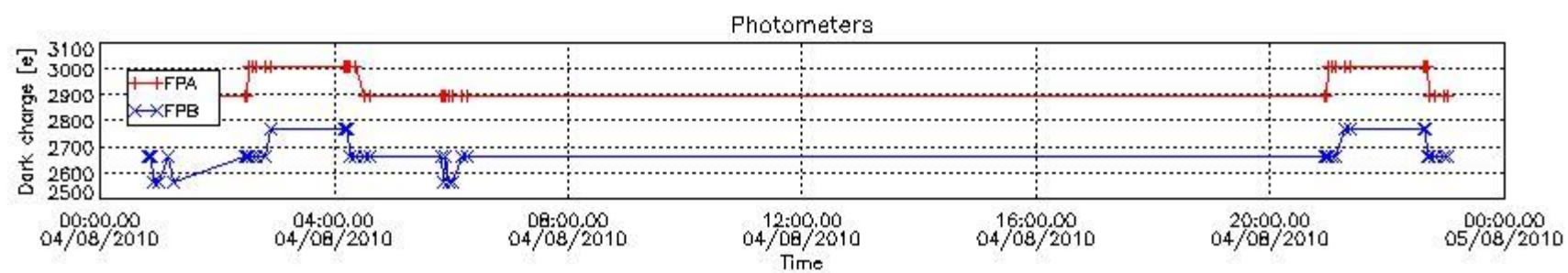
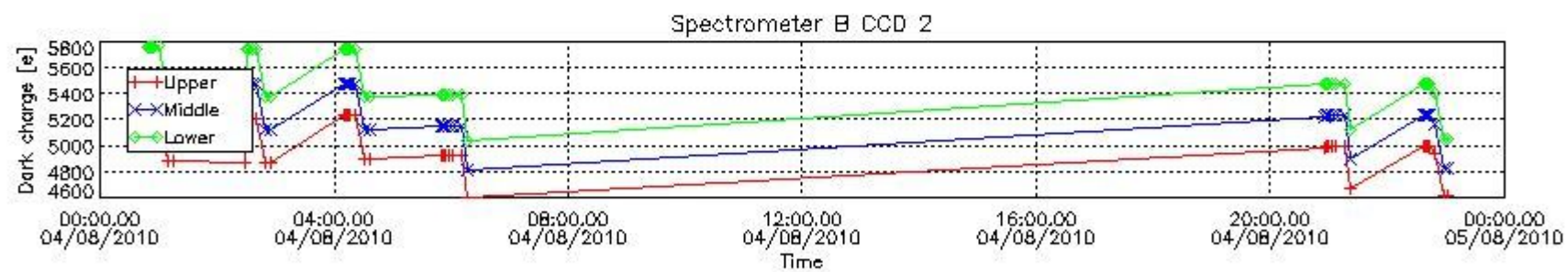
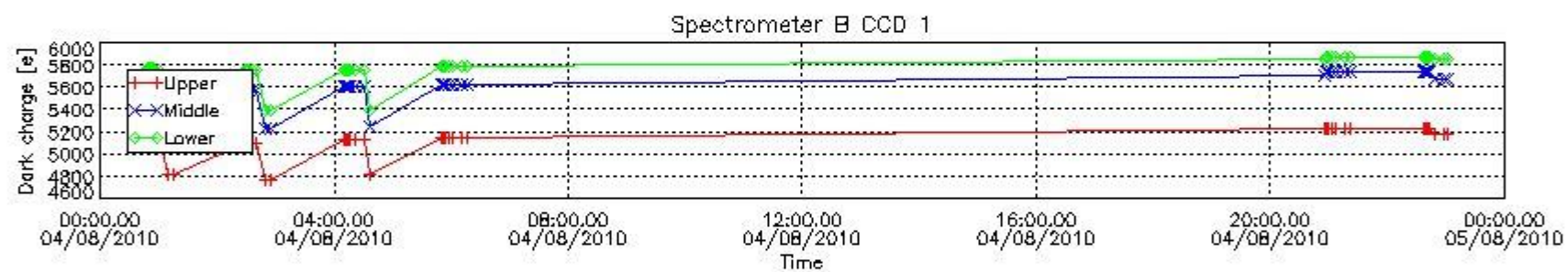
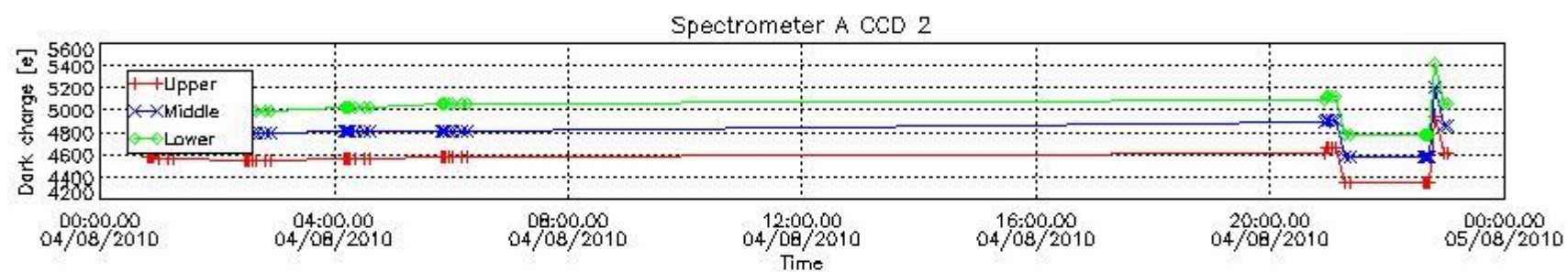
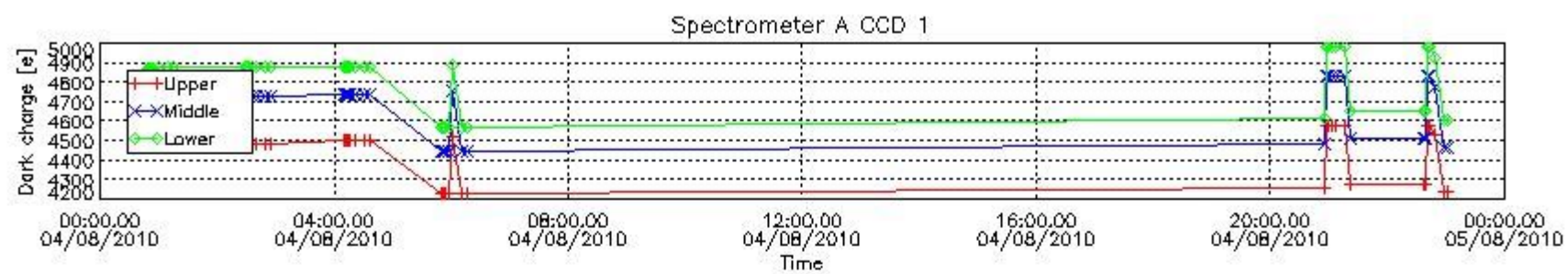
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100804_195124_000000482091_00429_44070_2502.N1	DC map used
GOM_TRA_1PNPDE20100804_195430_000000462091_00429_44070_2503.N1	DC map used
GOM_TRA_1PNPDE20100804_200154_000000512091_00429_44070_2504.N1	DC map used
GOM_TRA_1PNPDE20100804_200553_000000252091_00429_44070_2505.N1	DC map used
GOM_TRA_1PNPDE20100804_200956_000000392091_00429_44070_2506.N1	DC map used
GOM_TRA_1PNPDE20100804_201814_000000412091_00429_44070_2507.N1	DC map used
GOM_TRA_1PNPDE20100804_202024_000000362091_00429_44070_2508.N1	DC map used
GOM_TRA_1PNPDE20100804_202649_000000432091_00429_44070_2509.N1	DC map used
GOM_TRA_1PNPDE20100804_204427_000000462091_00429_44070_2510.N1	DC map used
GOM_TRA_1PNPDE20100804_204732_000000362091_00429_44070_2511.N1	DC map used
GOM_TRA_1PNPDE20100804_205102_000000442091_00429_44070_2512.N1	DC map used
GOM_TRA_1PNPDE20100804_205310_000000422091_00429_44070_2513.N1	DC map used
GOM_TRA_1PNPDE20100804_205550_000000622091_00429_44070_2514.N1	DC map used

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



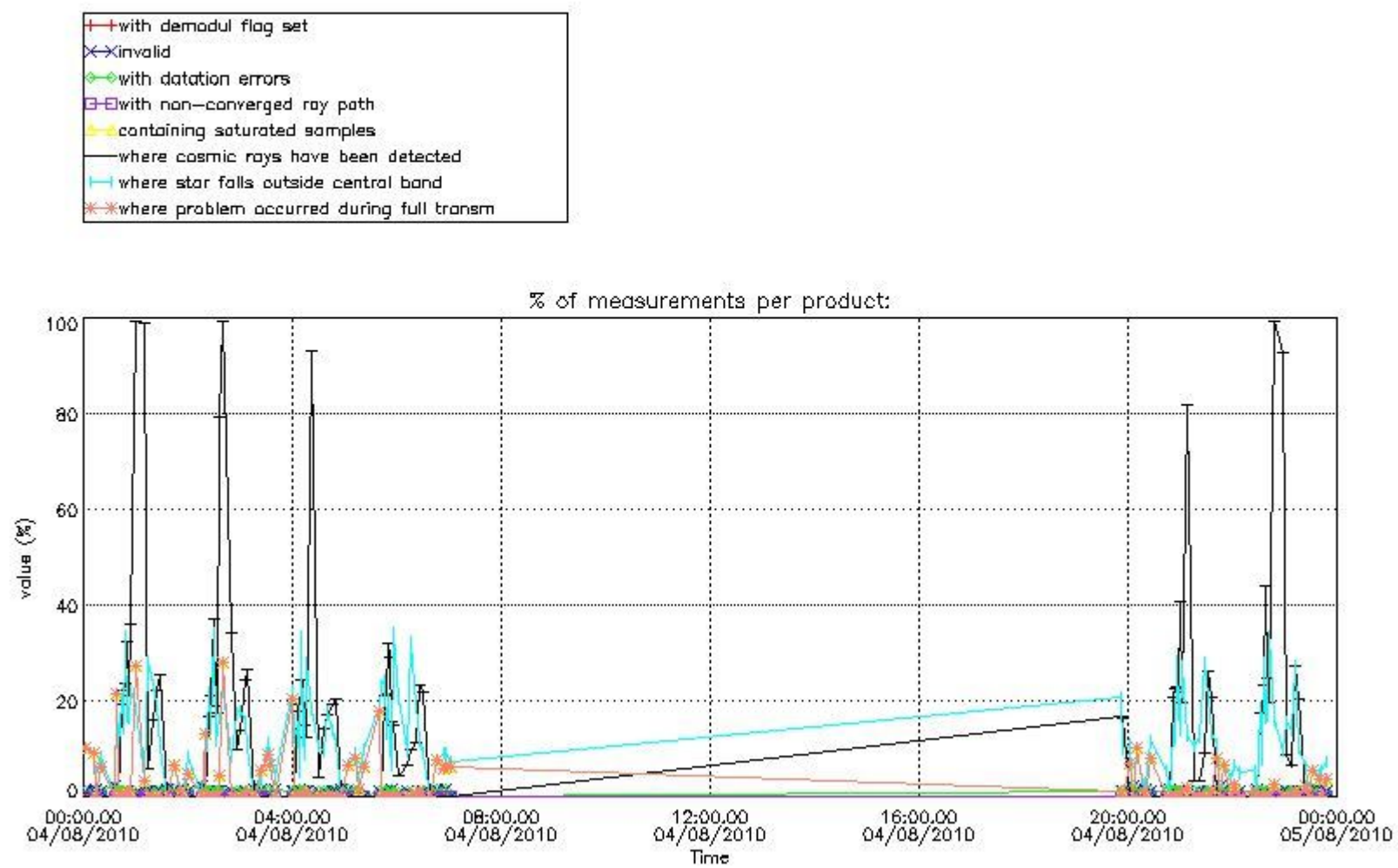
5. Demodulation flag and quality information monitoring

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.

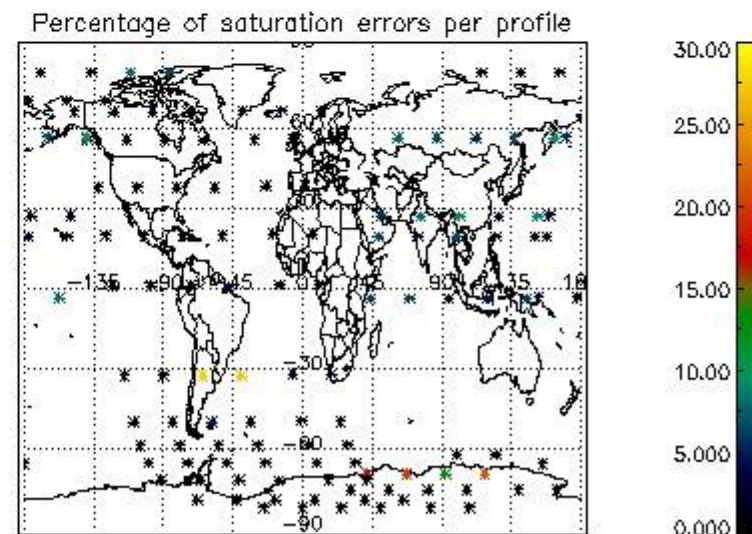
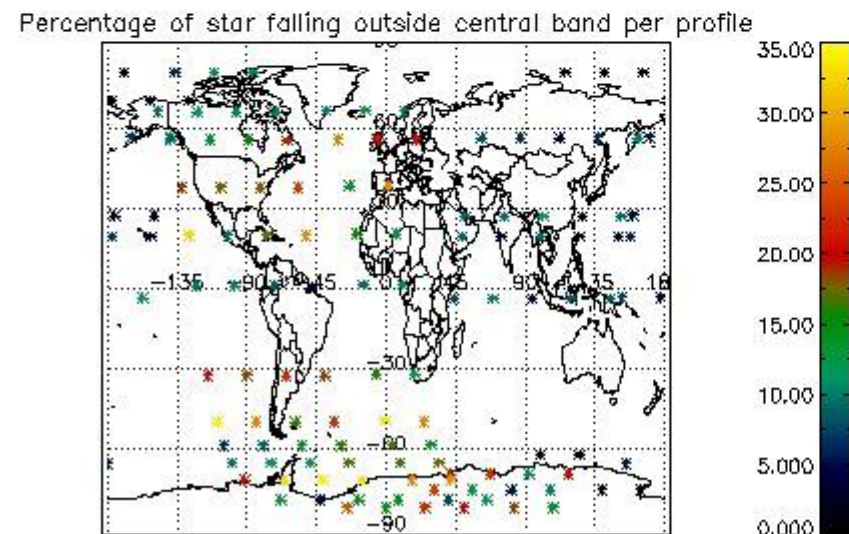
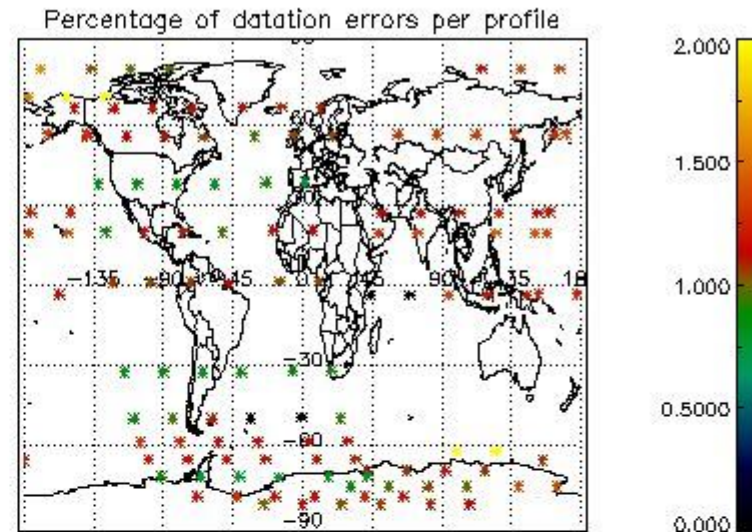
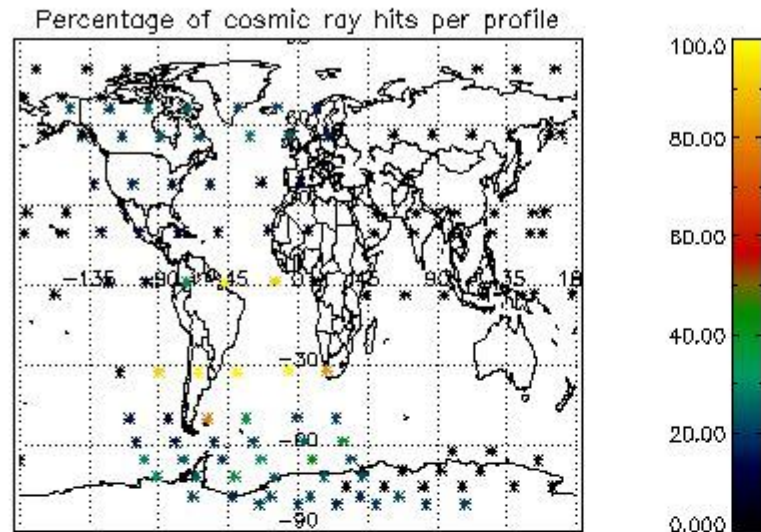
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	41.5385 %
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)



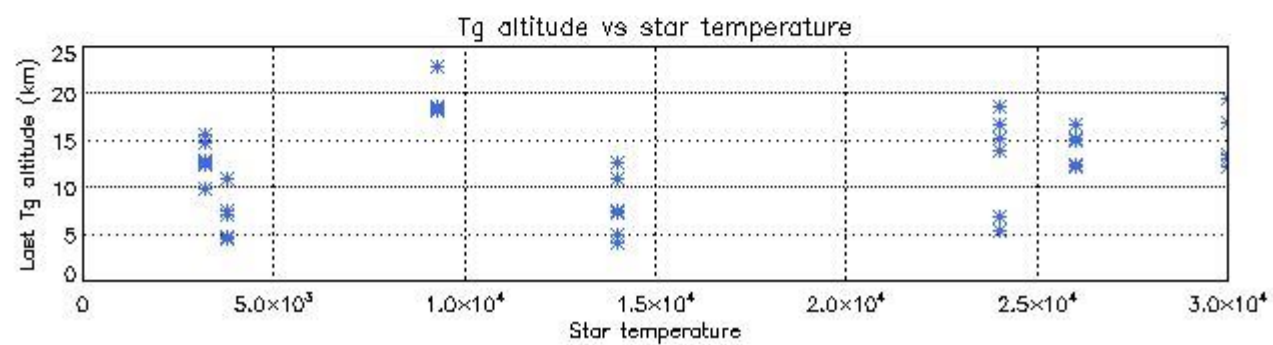
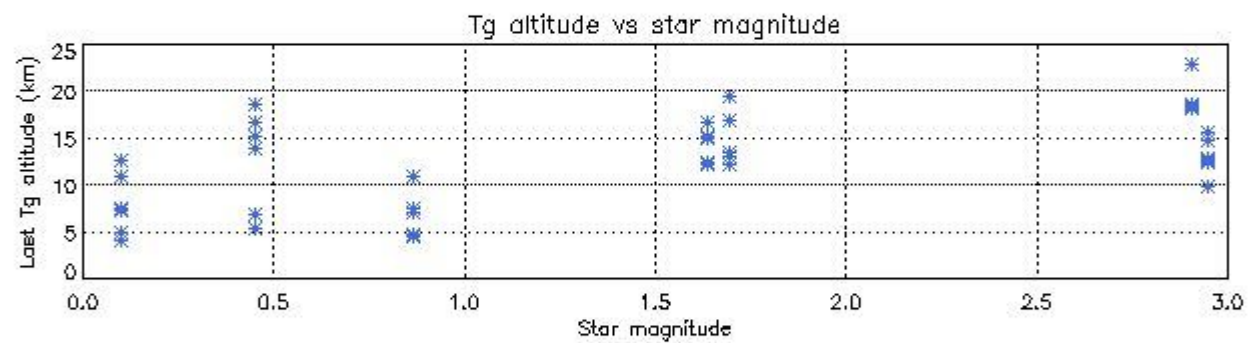
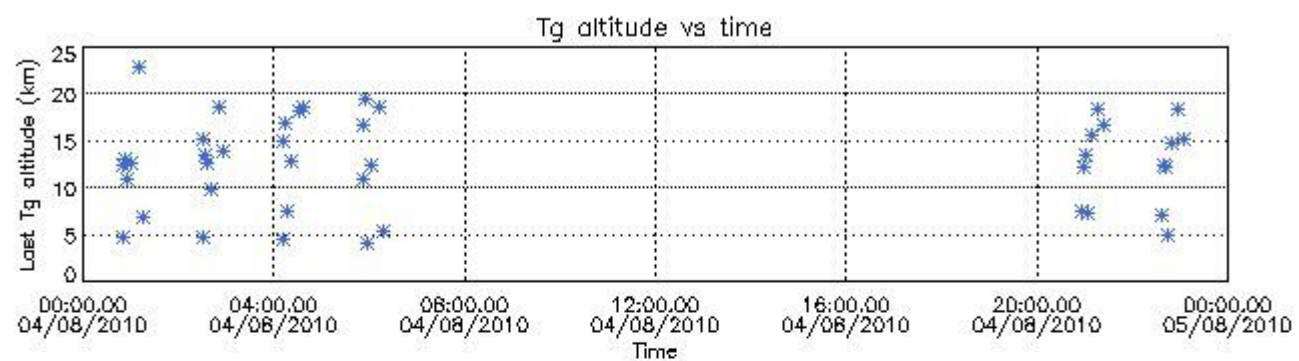
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	12.570	21.116	NaN
St. deviation:	4.8825	8.4024	NaN
Maximum:	22.763	47.149	NaN
Minimum:	4.0882	9.4767	NaN
Number of data:	42.000	56.000	NaN

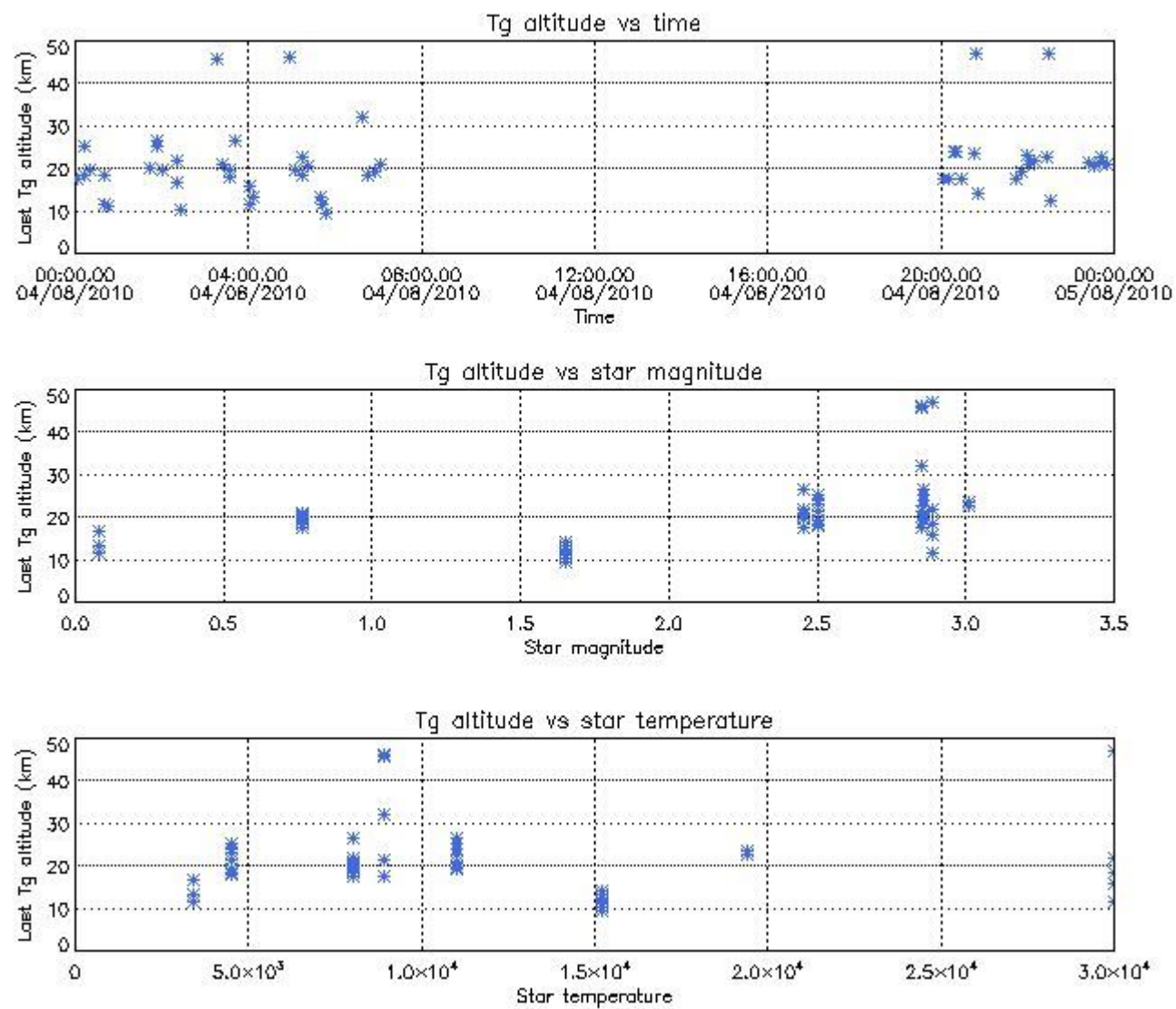
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

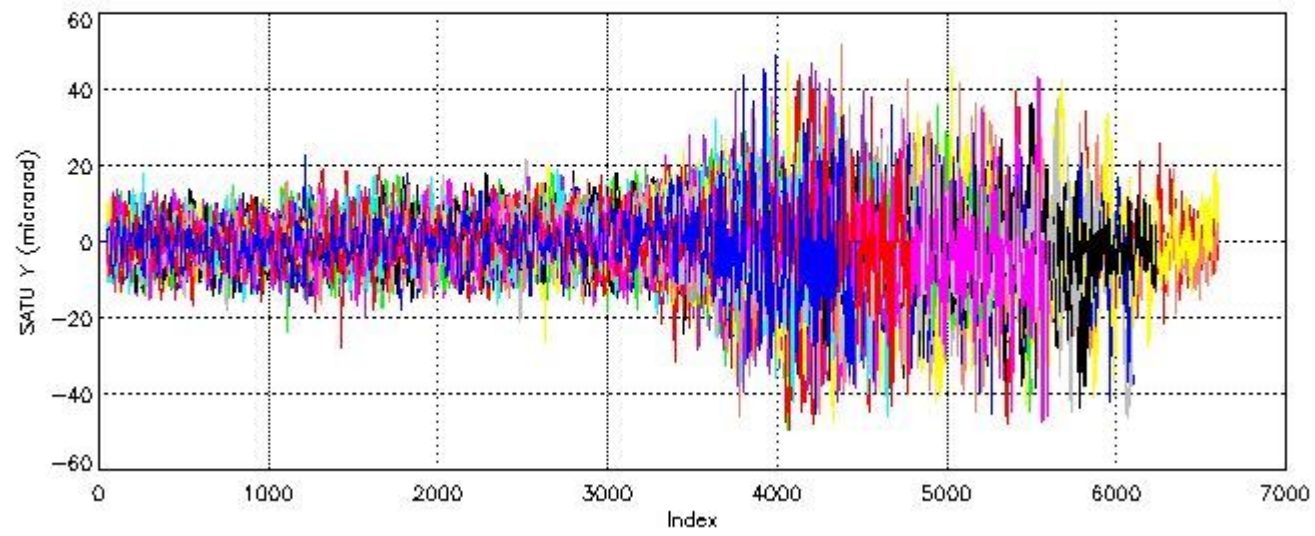
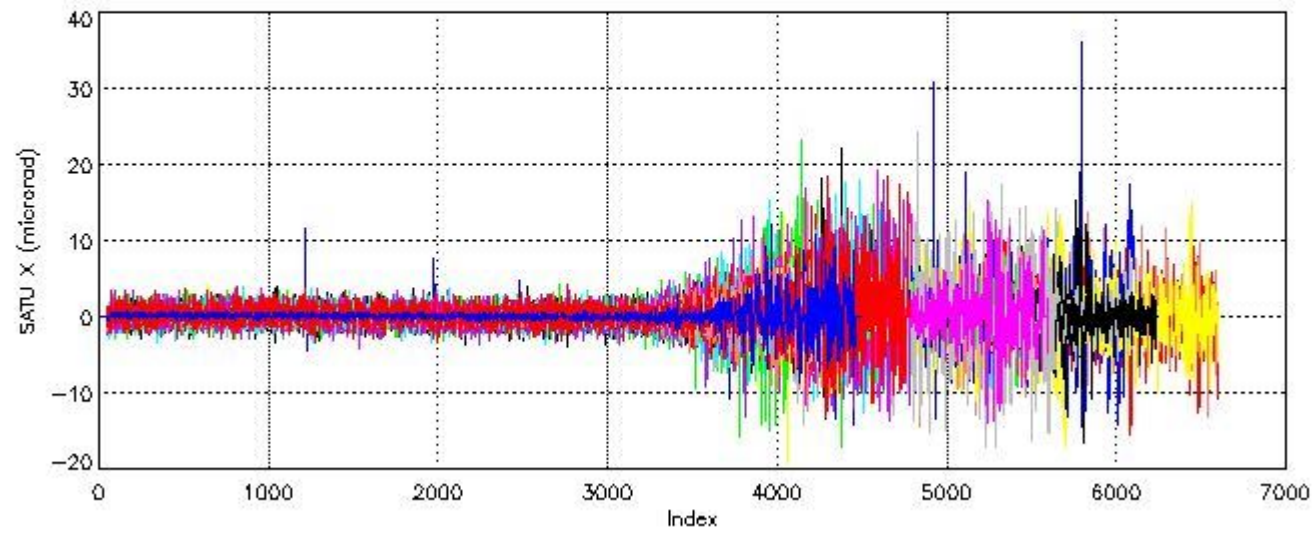


7. Star Acquisition and Tracking Unit (SATU)

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:	0.14234	-1.0152	0.20076	-0.79617
St. deviation:	0.47463	4.2456	0.85348	4.1170
Maximum:	4.2000	17.700	5.8000	19.200
Minimum:	-3.5000	-18.000	-5.0000	-22.200

Number of data:	43550.	43550.	55500.	55500.
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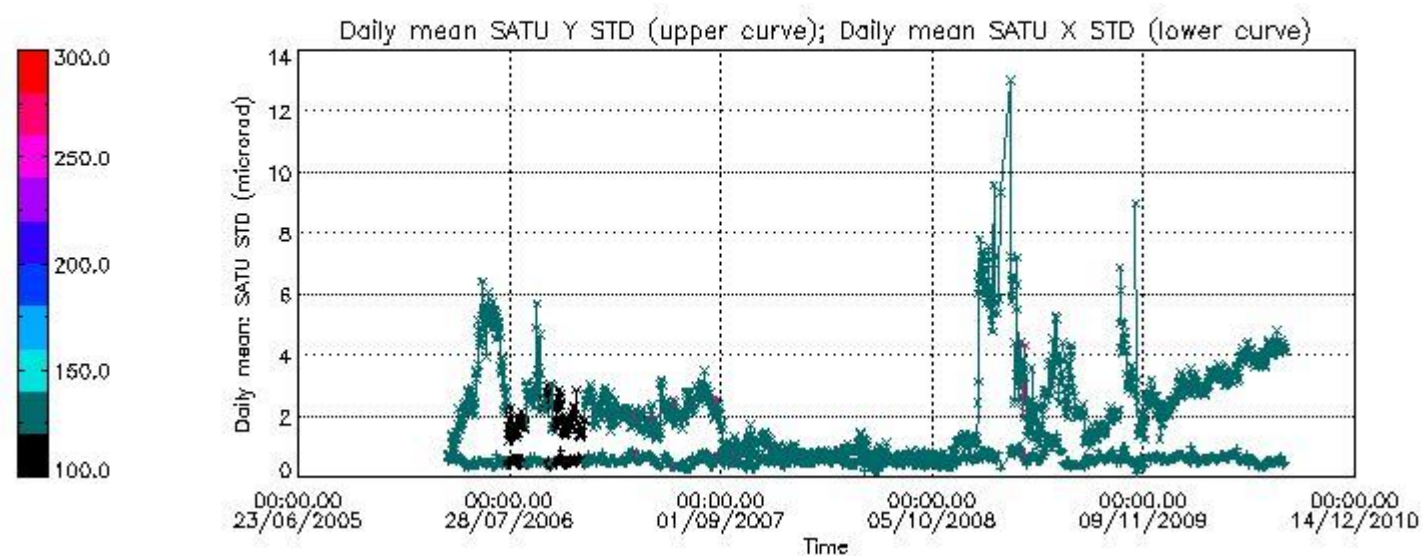
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

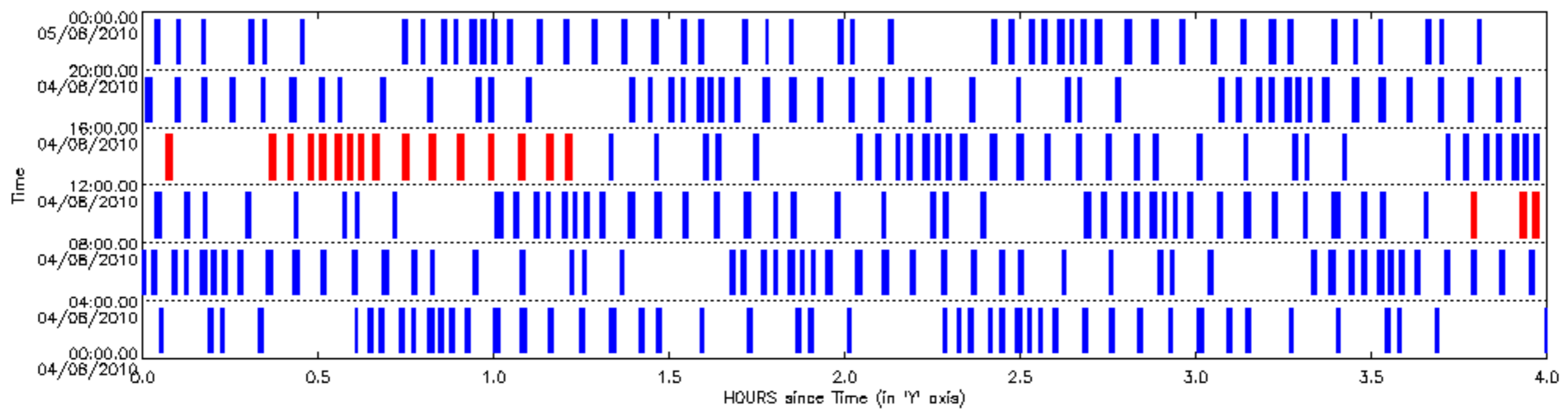
Lower curve: STD of SATU X axis

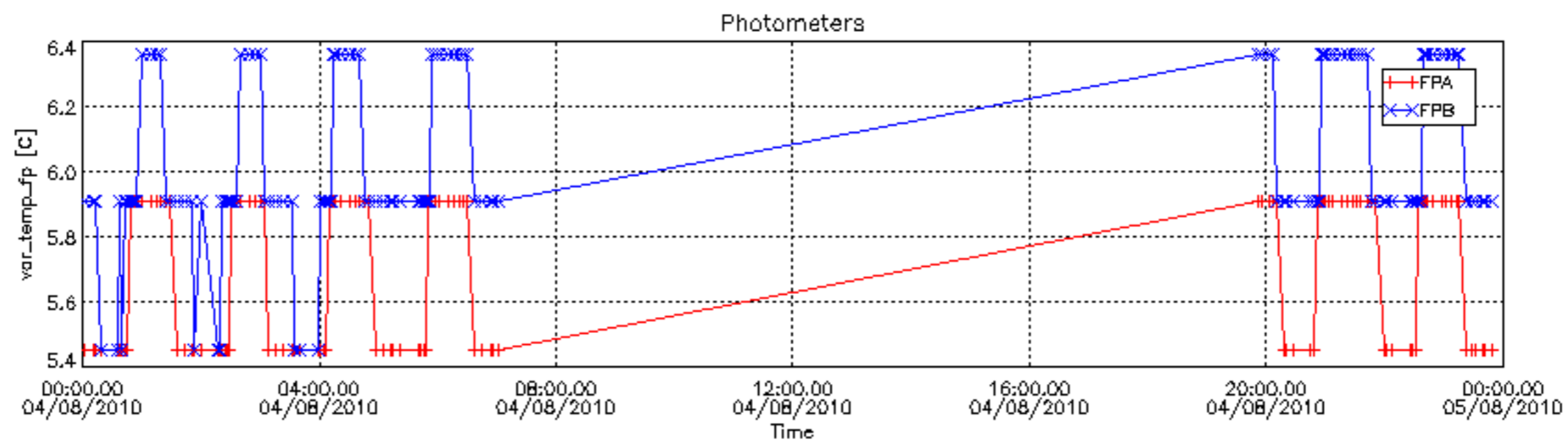
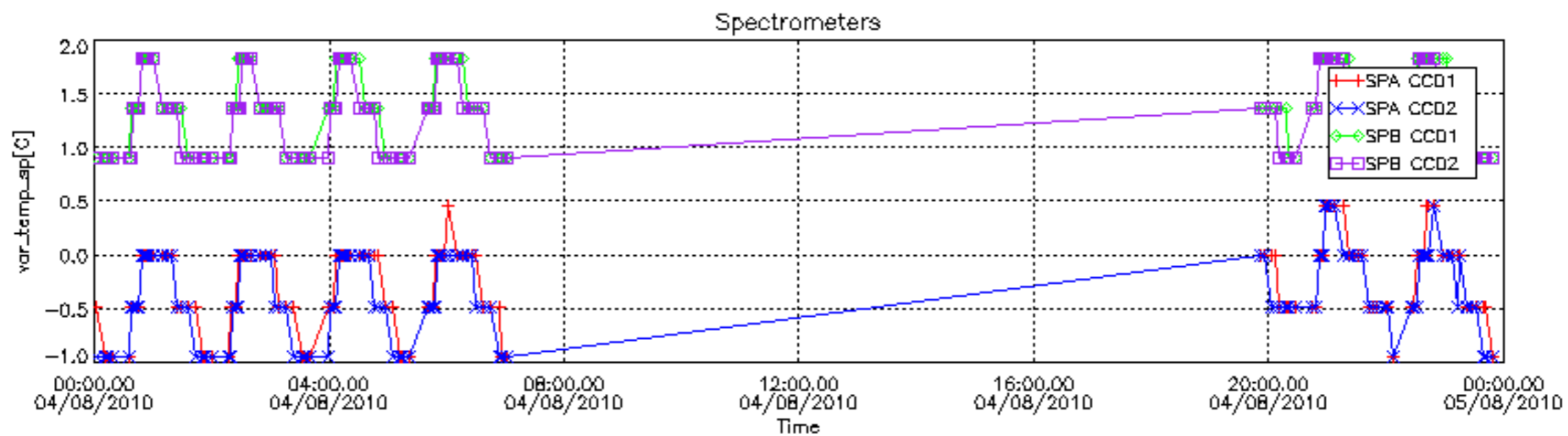


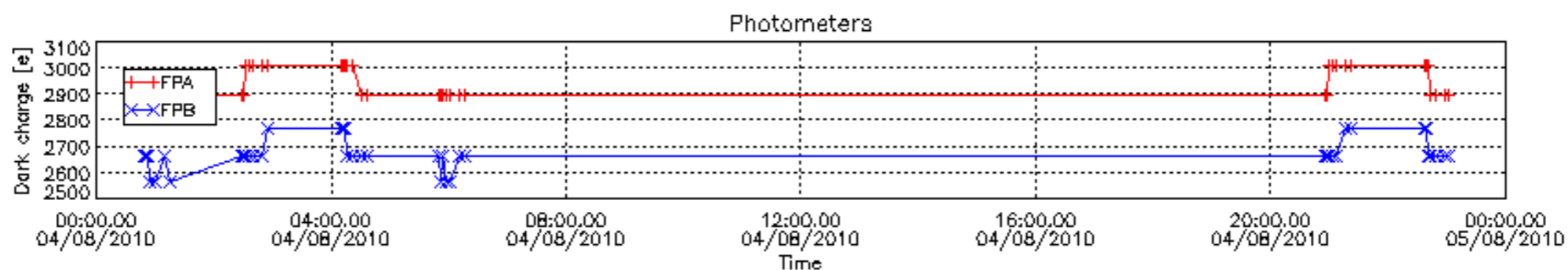
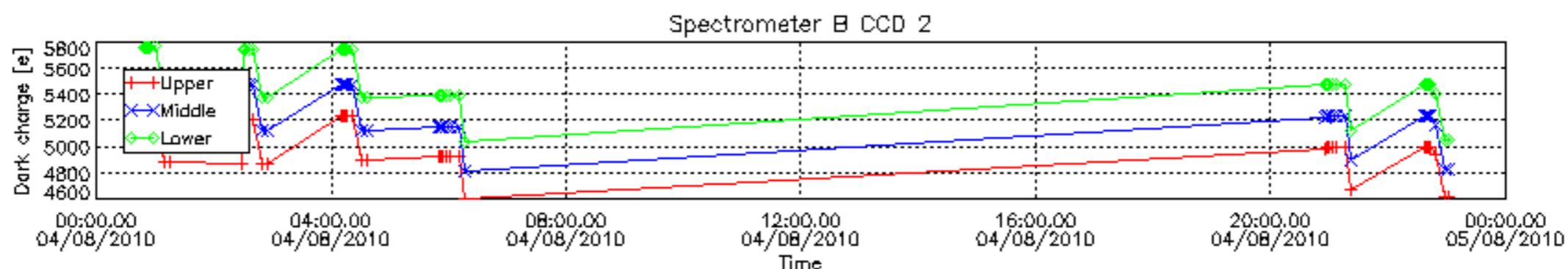
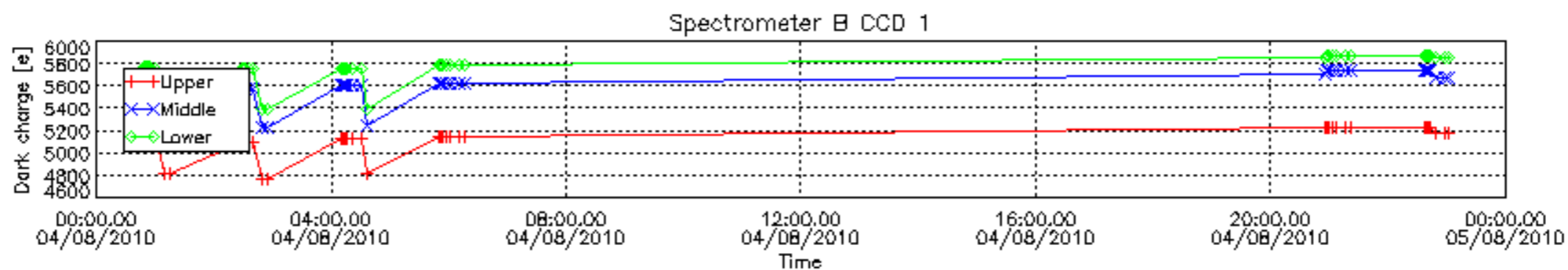
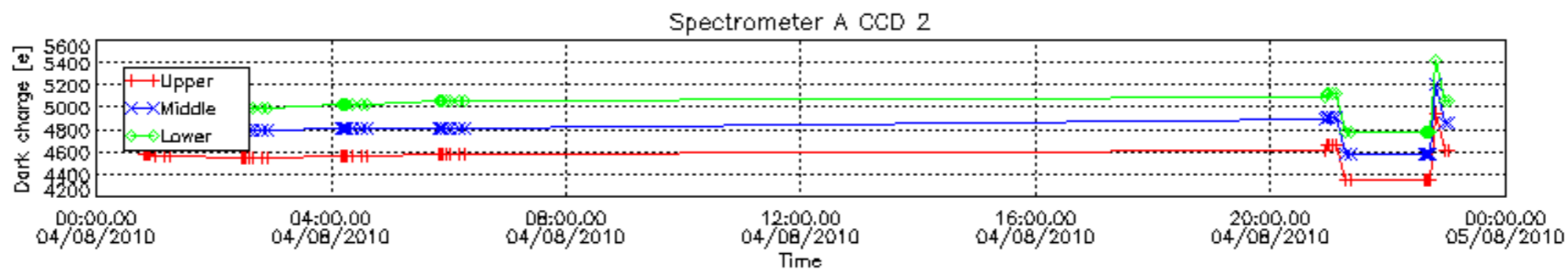
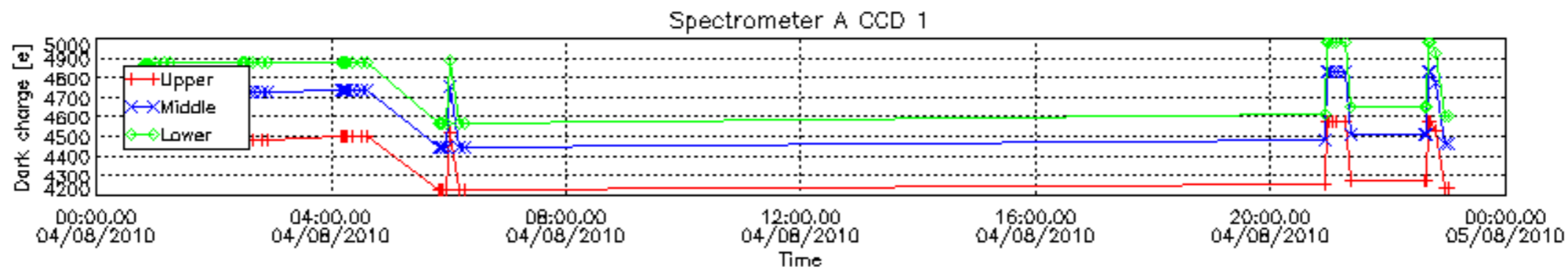
8. Auxiliary Data Files used for the production reported in section 2.4

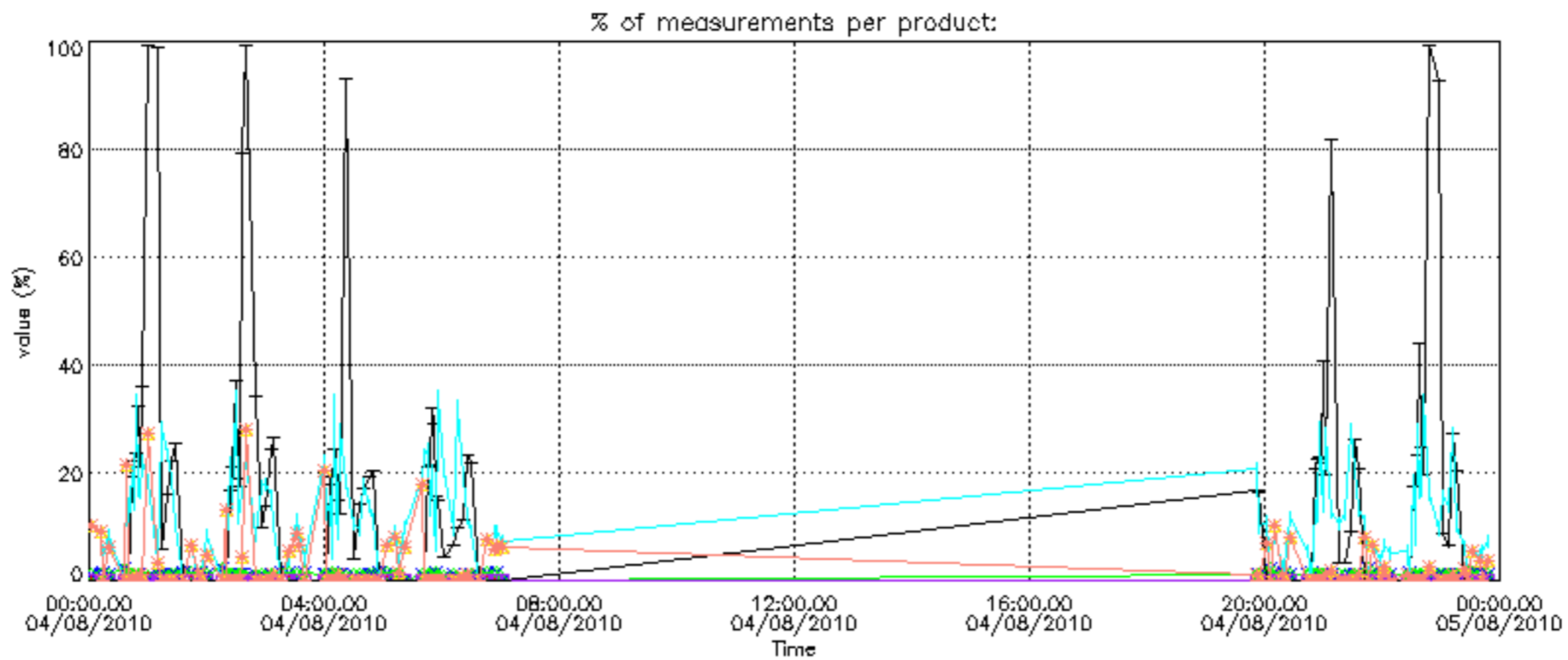
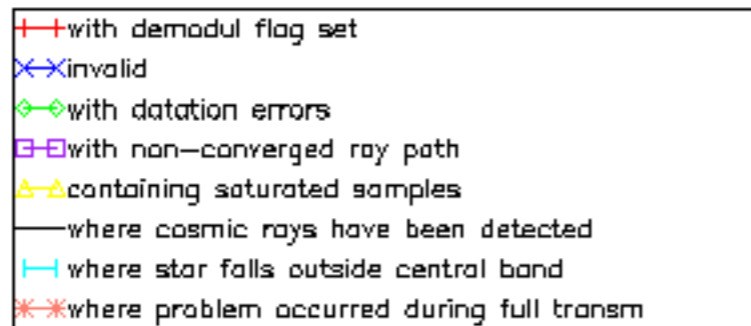
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-AUG-2010 00:02:45
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100803_130100_20100801_000000_20500101_000000	1	04-AUG-2010 00:02:45
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	04-AUG-2010 00:02:45
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	04-AUG-2010 00:02:45
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	04-AUG-2010 00:02:45
ECMWF_FILE	AUX_ECF_AXNECM20100803_054114_20100803_210000_20100804_090000	1	04-AUG-2010 00:02:45
ECMWF_FILE	AUX_ECF_AXNECM20100803_170519_20100804_030000_20100804_150000	44	04-AUG-2010 03:40:54
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ECMWF_FILE	AUX_ECA_AXNECM20100804_170702_20100804_090000_20100804_210000	83	04-AUG-2010 19:51:24
ECMWF_FILE	AUX_ECF_AXNECM20100804_052113_20100804_150000_20100805_030000	96	04-AUG-2010 20:57:47
ECMWF_FILE	AUX_ECF_AXNECM20100804_052113_20100804_210000_20100805_090000	119	04-AUG-2010 22:47:55
OPTIONAL_ECMWF_FILE	MISSING	1	04-AUG-2010 00:02:45
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100803_231135_000057382091_00416_44057_0881.N1	1	04-AUG-2010 00:02:45
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100804_005232_000092452091_00417_44058_0882.N1	14	04-AUG-2010 00:59:54
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100803_090518_20100802_185817_20100812_202431	44	04-AUG-2010 03:40:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100804_052849_000057382091_00420_44061_0884.N1	64	04-AUG-2010 05:40:17
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100804_194933_000035072091_00429_44070_0885.N1	83	04-AUG-2010 19:51:24
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100804_205318_000063762091_00429_44070_0886.N1	96	04-AUG-2010 20:57:47
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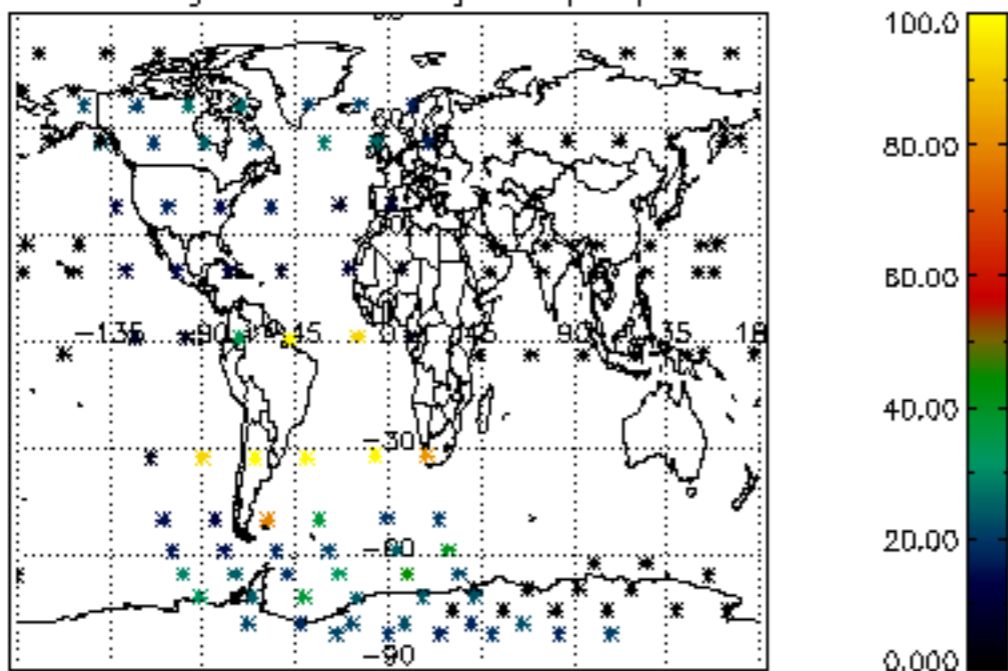




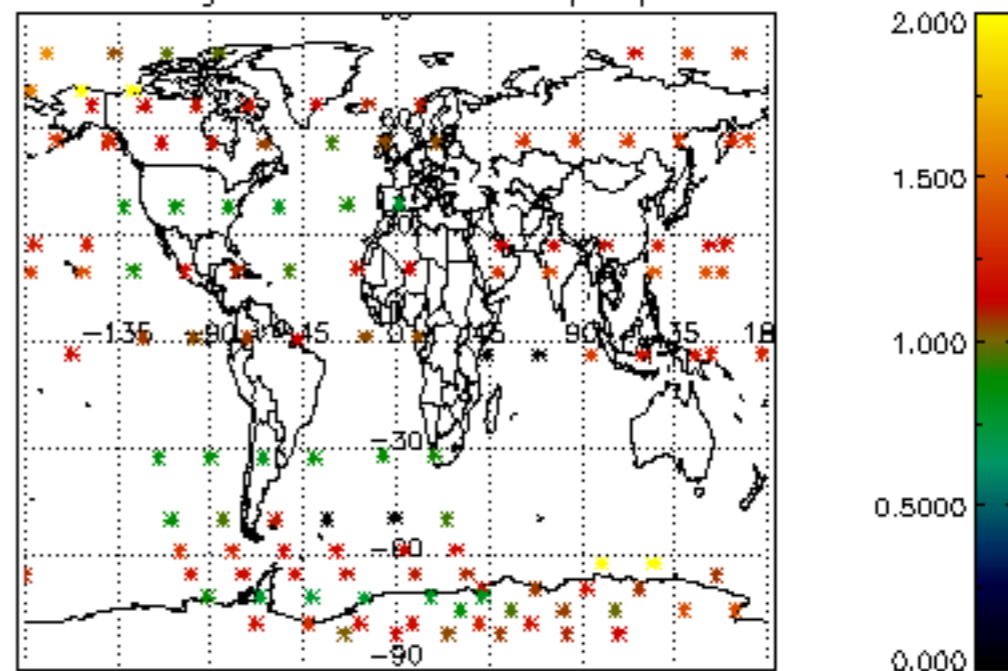




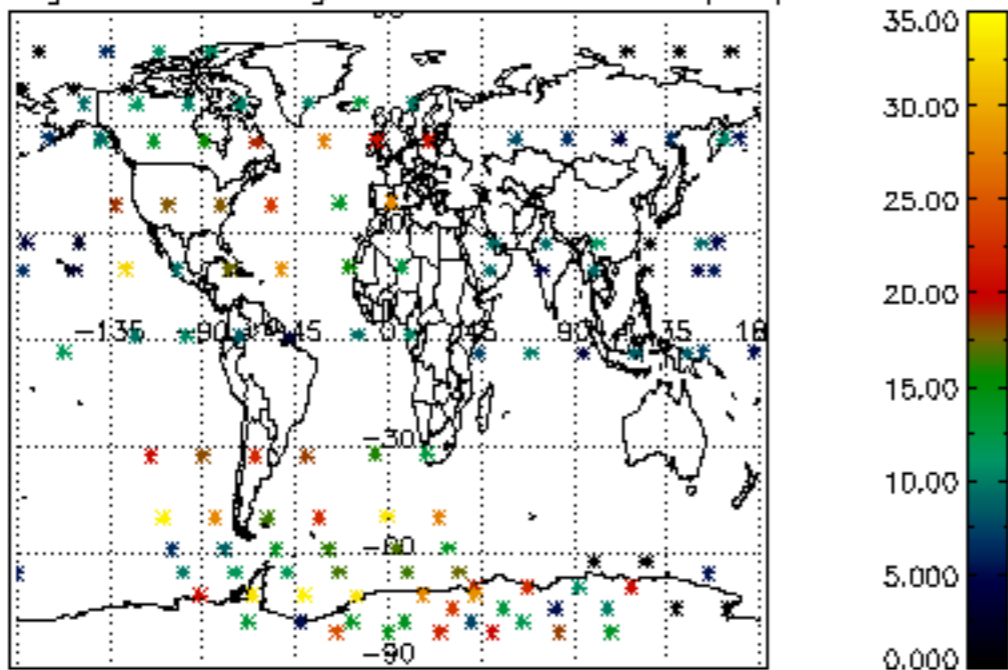
Percentage of cosmic ray hits per profile



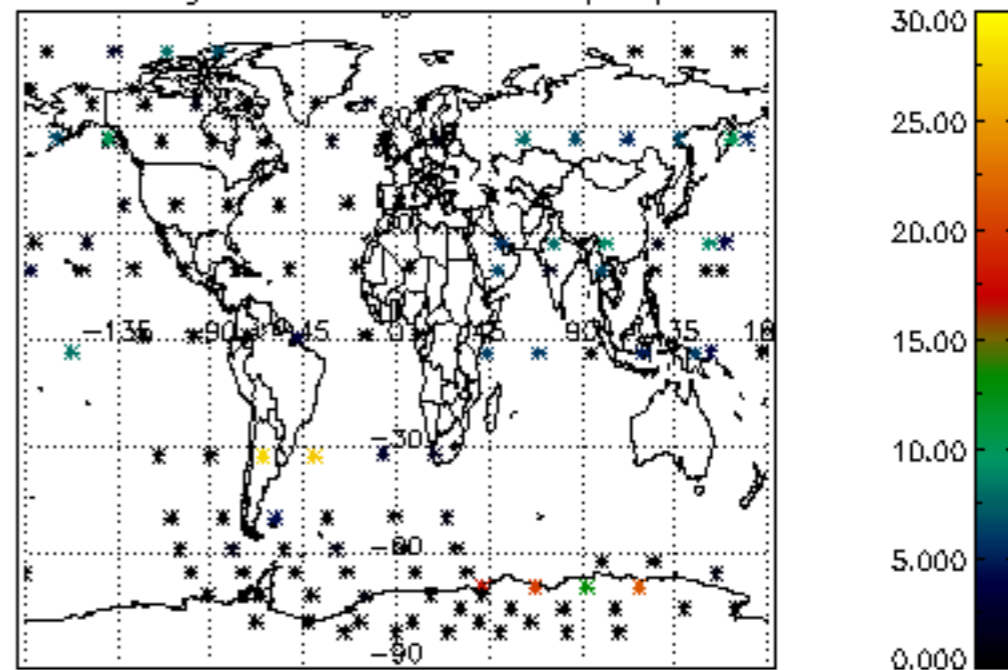
Percentage of datation errors per profile



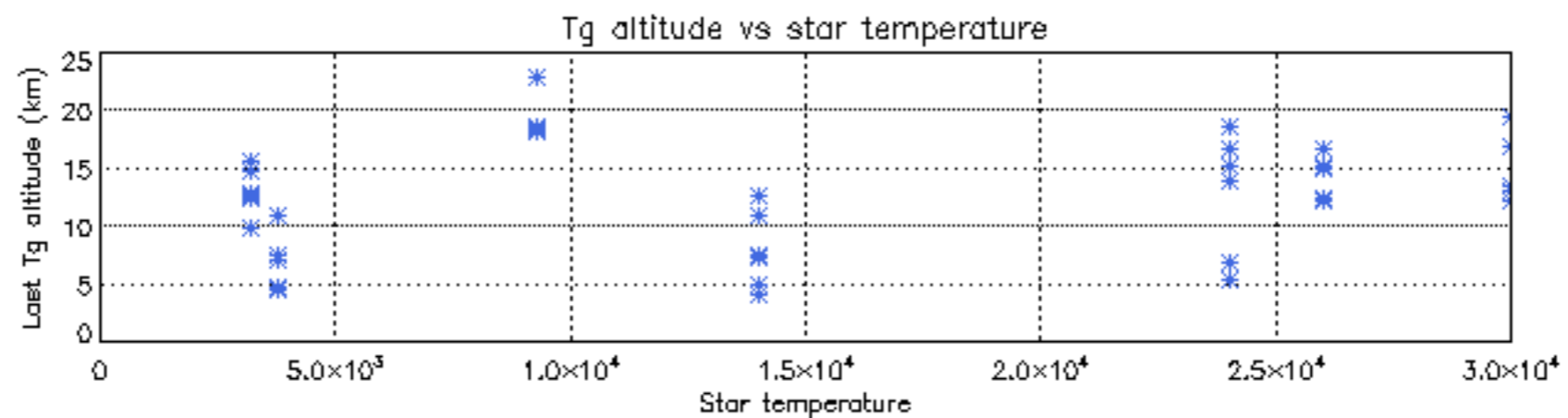
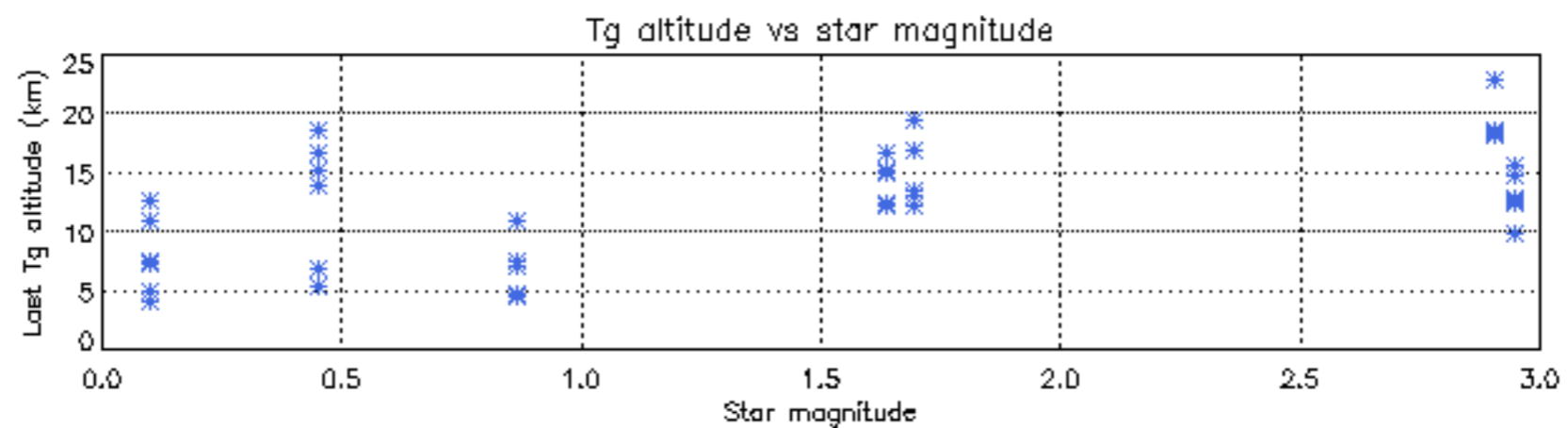
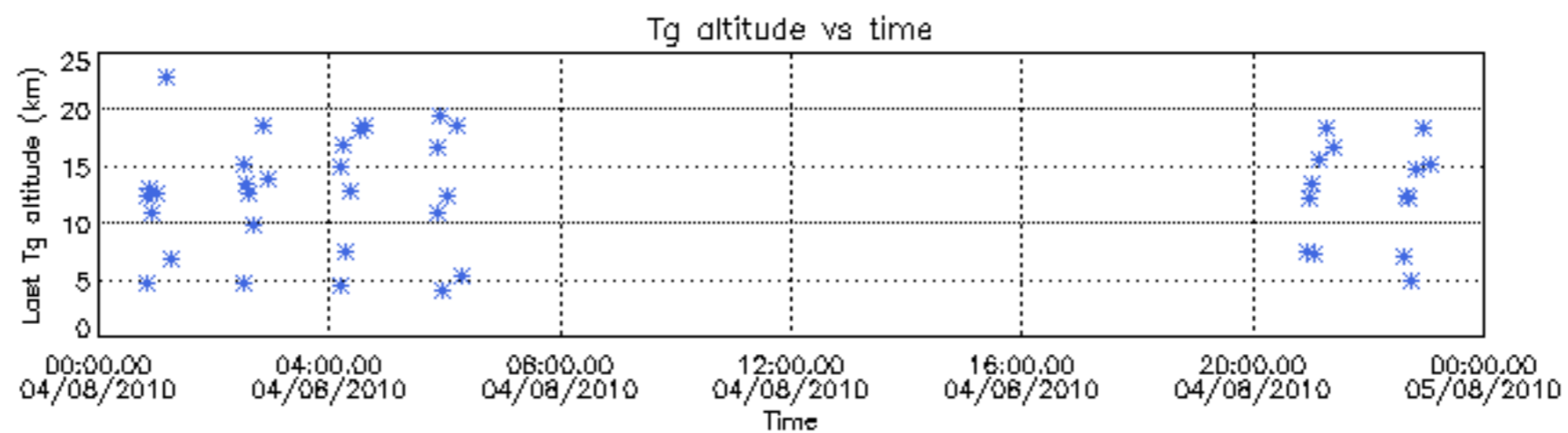
Percentage of star falling outside central band per profile



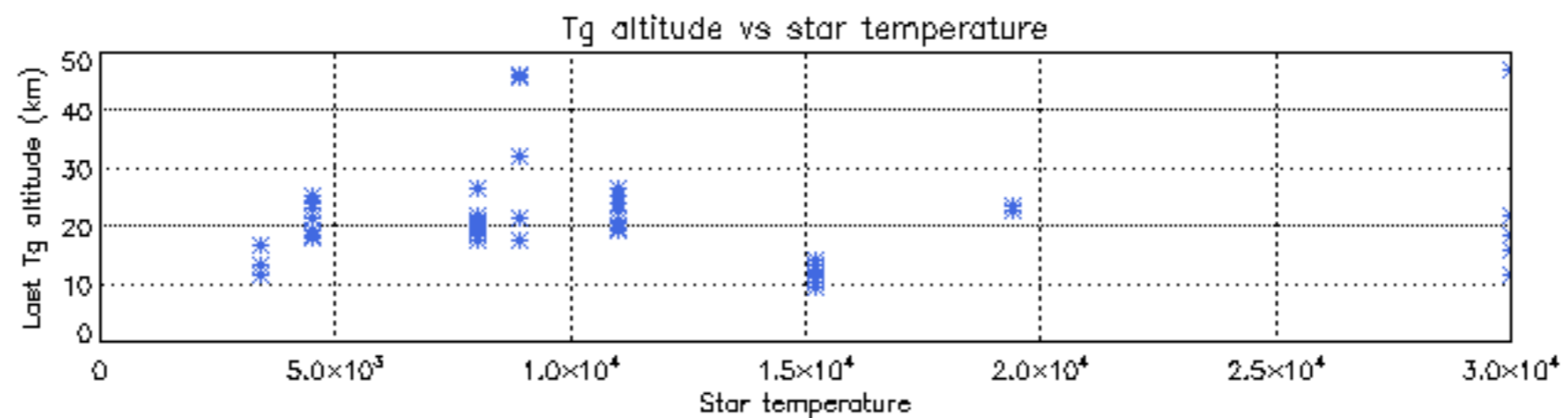
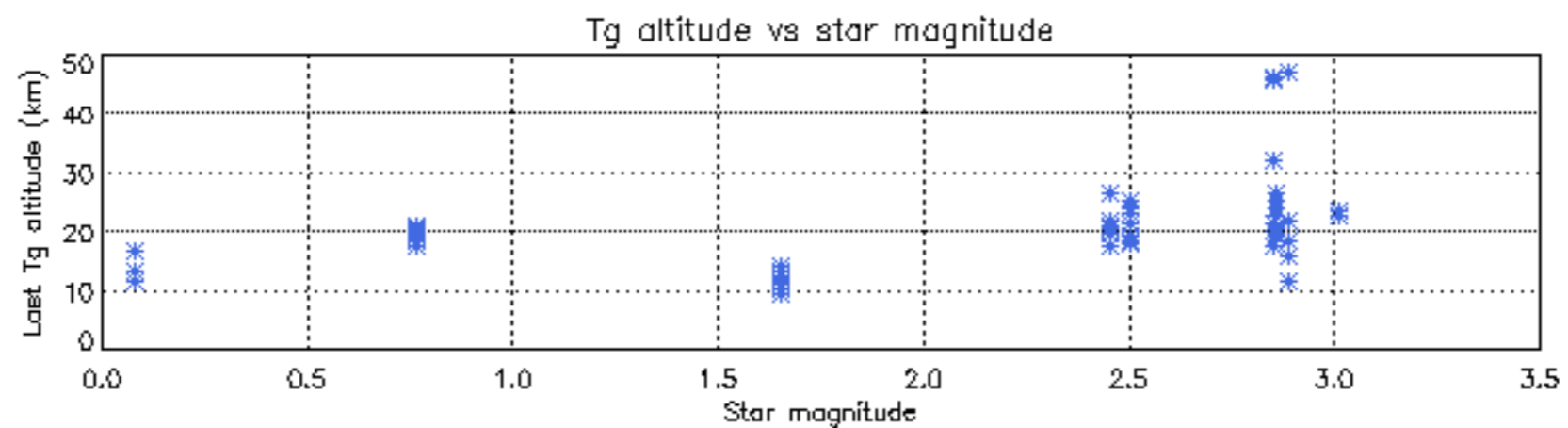
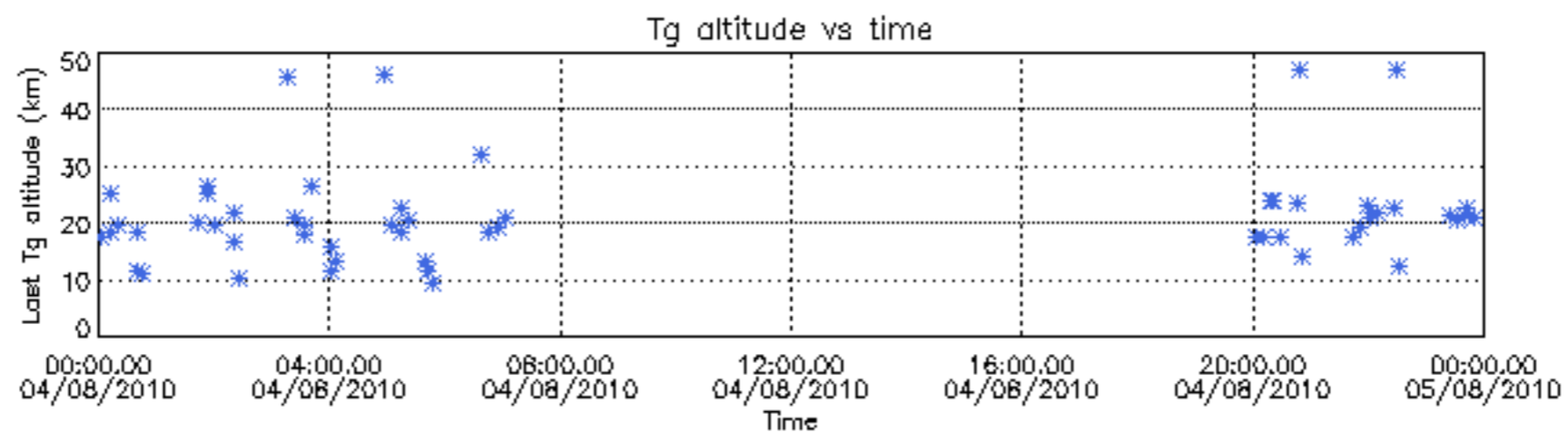
Percentage of saturation errors per profile

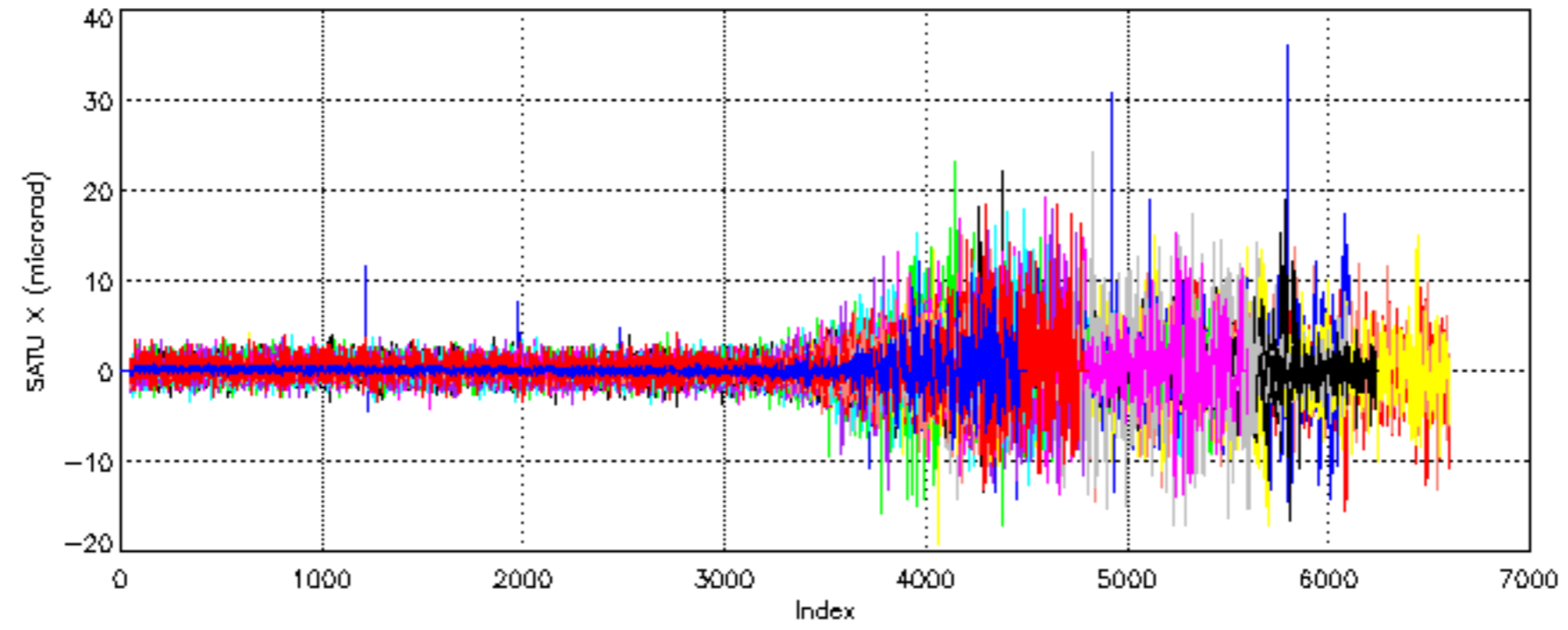


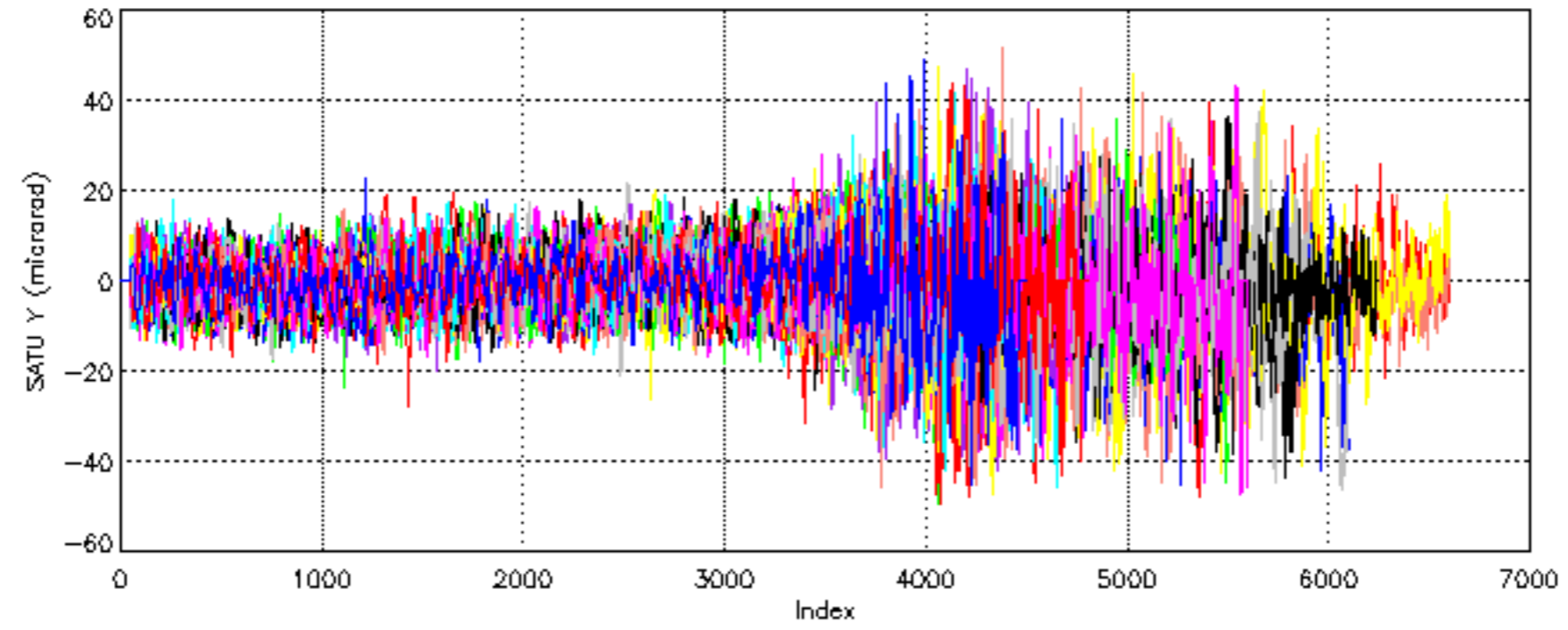
Tangent altitude at which the star is lost

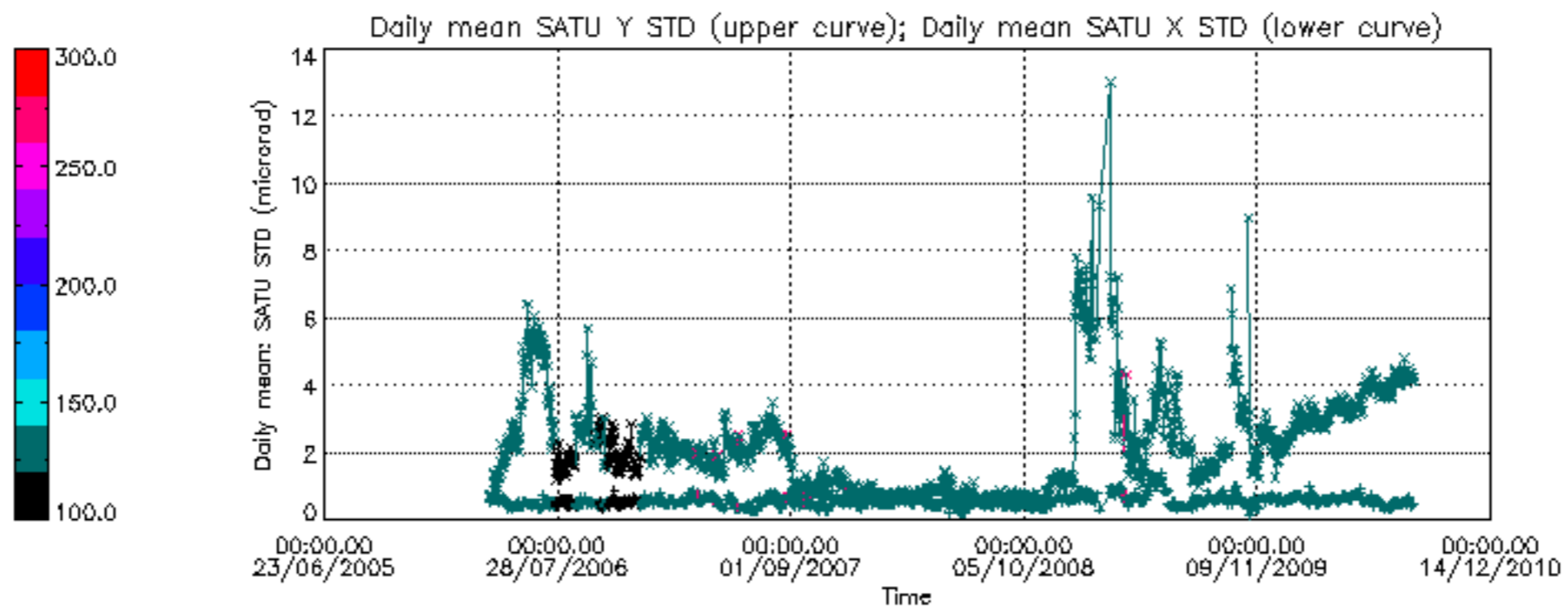


Tangent altitude at which the star is lost









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 9; 2581.0; 01-AUG-2010 01:46:20; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44016
 10; 2695.1; 01-AUG-2010 01:48:14; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44016
 11; 3092.0; 01-AUG-2010 01:54:51; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44016
 12; 3980.4; 01-AUG-2010 02:09:39; Bright; 48.5; 160; 23Gam Per ; 2.93; 4700;occ; 97; 0;44016
 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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 16; 4638.3; 01-AUG-2010 02:20:37; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;44016
 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
 22; 5731.9; 01-AUG-2010 02:38:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44016
 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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 7; 1106.1; 01-AUG-2010 01:21:45; Dark ; 46.5; 172; Gam Gru ; 3.00; 13100;occ; 93; 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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 19; 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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 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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 9; 4500.7; 01-AUG-2010 02:18:19; Dark ; 29.0; 150; 44Zet Per ; 2.89; 28000;occ; 58; 0;44016
 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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12; 4908.8; 01-AUG-2010 02:25:07; Dark ; 40.5; 27; 24Gam Ori ; 1.64; 26000;occ; 81; 0;44016
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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6;-1397.4; 01-AUG-2010 04:01:13; Dark ; 39.0; 176; 23Zet Tau ; 3.02; 22000;occ; 78; 0;44017
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10; -864.3; 01-AUG-2010 04:10:06; Dark ; 46.0; 7; 19Bet Ori ; 0.10; 14000;occ; 92; 0;44017
11; -590.5; 01-AUG-2010 04:14:40; Dark ; 57.0; 165; 34Gam Eri ; 2.95; 3200;occ; 114; 0;44017
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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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5; -529.6; 07-AUG-2010 21:13:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44113
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
4; -527.9; 08-AUG-2010 02:15:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44116
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
14; 2726.2; 08-AUG-2010 03:09:14; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44117
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
6; -1374.1; 08-AUG-2010 03:41:30; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;44117
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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10; -891.9; 08-AUG-2010 03:49:32; Dark ; 41.0; 125; 44Iot Ori ; 2.77; 30000;occ; 82; 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
13; -527.3; 08-AUG-2010 03:55:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44117
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
18; 1194.8; 08-AUG-2010 04:24:19; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44118
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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 3; -1499.1; 10-AUG-2010 07:37:59; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44148
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22; 6761.2; 10-AUG-2010 11:36:15; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44151
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24; 7247.9; 10-AUG-2010 11:44:22; Dark ; 60.0; 18; 24Alp PsA ; 1.17; 9700;occ; 120; 0;44151
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3; 2146.7; 10-AUG-2010 13:40:32; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;44152
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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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9; 4198.1; 11-AUG-2010 08:41:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44163
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12; 4673.9; 11-AUG-2010 08:49:15; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44163
13; 4857.5; 11-AUG-2010 08:52:18; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 0;44163
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15; 5084.0; 11-AUG-2010 08:56:05; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44163
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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15; 5084.2; 11-AUG-2010 10:36:41; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44164
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
 24; 6447.3; 11-AUG-2010 19:22:24; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44170
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 4; 1803.0; 11-AUG-2010 19:45:35; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 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; 3033.6; 12-AUG-2010 02:48:30; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 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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 7; -837.8; 15-AUG-2010 05:10:55; Dark ; 43.5; 125; 44Iot Ori ; 2.77; 30000;occ; 87; 0;44218
 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
 6; -922.0; 15-AUG-2010 06:50:07; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;44219
 7; -837.2; 15-AUG-2010 06:51:32; Dark ; 43.5; 125; 44Iot Ori ; 2.77; 30000;occ; 87; 0;44219
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 9; -632.0; 15-AUG-2010 06:54:57; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 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
 6; 2698.1; 15-AUG-2010 07:50:27; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44220
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 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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18; 6228.8; 15-AUG-2010 08:49:18; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44221
19; 6482.1; 15-AUG-2010 08:53:31; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44221
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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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 6; 2698.0; 15-AUG-2010 09:31:03; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44221
 7; 3019.7; 15-AUG-2010 09:36:24; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44221
 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
17; 5575.1; 15-AUG-2010 10:19:00; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 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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 9; 4365.9; 15-AUG-2010 13:20:02; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;44223
10; 4550.5; 15-AUG-2010 13:23:07; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;44223
11; 4718.6; 15-AUG-2010 13:25:55; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 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; 2115.9; 15-AUG-2010 21:05:32; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;44228
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11; 3017.9; 15-AUG-2010 21:20:34; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44228
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5; 220.8; 17-AUG-2010 01:04:08; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44245
6; 462.9; 17-AUG-2010 01:08:10; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44245
7; 808.5; 17-AUG-2010 01:13:55; Dark ; 64.5; 84; Alp Phe ; 2.40; 4500;occ; 129; 0;44245
8; 1018.1; 17-AUG-2010 01:17:25; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;44245
9; 1255.6; 17-AUG-2010 01:21:23; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;44245
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11; 1799.4; 17-AUG-2010 01:30:26; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44245
12; 1920.2; 17-AUG-2010 01:32:27; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;44245
13; 2110.6; 17-AUG-2010 01:35:38; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;44245
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4; 1799.0; 17-AUG-2010 19:57:01; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;44256
5; 1917.8; 17-AUG-2010 19:59:00; Bright; 47.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 95; 0;44256
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19; 6296.7; 19-AUG-2010 08:24:33; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44278

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22; 8134.6; 20-AUG-2010 05:02:22; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44290
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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
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13; 1598.6; 20-AUG-2010 21:40:02; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44300
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17; 2492.0; 20-AUG-2010 21:54:55; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 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
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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
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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
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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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9; 1288.0; 22-AUG-2010 23:52:49; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;44330
10; 1602.3; 22-AUG-2010 23:58:03; Bright; 41.0; 142; 49Del Cap ; 2.85; 8900;occ; 82; 0;44330
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14; 2489.2; 23-AUG-2010 00:12:50; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44330
15; 2681.1; 23-AUG-2010 00:16:02; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44330
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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
 6; 2996.2; 22-AUG-2010 07:35:18; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44320
 7; 3241.5; 22-AUG-2010 07:39:23; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 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
 9; 4372.7; 22-AUG-2010 09:38:50; Bright; 61.0; 107; 37The Aur ; 2.65; 11000;occ; 122; 0;44321
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 13; 5064.8; 22-AUG-2010 09:50:22; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;44321
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 16; 5380.1; 22-AUG-2010 09:55:38; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 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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 6; 2996.0; 22-AUG-2010 10:56:29; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 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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 16; 5381.1; 22-AUG-2010 11:36:14; Dark ; 63.5; 7; 19Bet Ori ; 0.10; 14000;occ; 127; 0;44322
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 4; 2091.4; 22-AUG-2010 12:22:01; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44323
 5; 2489.4; 22-AUG-2010 12:28:39; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44323
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 19; 5656.5; 22-AUG-2010 13:21:26; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44323
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 22; 6906.2; 22-AUG-2010 13:42:15; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44324
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 5; 2489.7; 22-AUG-2010 14:09:15; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44324
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 17; 5383.5; 22-AUG-2010 14:57:29; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;44324


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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
10; -485.4; 23-AUG-2010 07:46:15; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;44334
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
13; 523.1; 23-AUG-2010 08:03:03; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;44335
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15; 1006.2; 23-AUG-2010 08:11:07; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;44335
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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 3; 2089.0; 23-AUG-2010 08:29:09; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44335
 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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 6; 2993.3; 23-AUG-2010 08:44:14; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44335
 7; 3230.2; 23-AUG-2010 08:48:11; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 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
14; 5193.1; 23-AUG-2010 09:20:54; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44335

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 17; 5551.5; 23-AUG-2010 09:26:52; Dark ; 49.0; 139; 9Bet Lep ; 2.83; 5600;occ; 98; 0;44335
 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
 8; 4181.3; 23-AUG-2010 10:44:38; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44336
 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
 6; 2680.6; 23-AUG-2010 12:00:13; Bright; 35.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 70; 0;44337
 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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 3; 1904.5; 23-AUG-2010 13:27:53; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44338
 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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7; 2993.0; 23-AUG-2010 13:46:01; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44338
8; 3227.9; 23-AUG-2010 13:49:56; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44338
9; 4180.8; 23-AUG-2010 14:05:49; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;44338
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11; 4574.7; 23-AUG-2010 14:12:23; Dark ; 40.0; 28; 12Bet Tau ; 1.65; 15200;occ; 80; 0;44338
12; 4650.8; 23-AUG-2010 14:13:39; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;44338
13; 4749.3; 23-AUG-2010 14:15:17; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 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
24; 7043.6; 23-AUG-2010 14:53:32; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;44339
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2; 1800.0; 23-AUG-2010 15:06:44; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44339
3; 1904.3; 23-AUG-2010 15:08:28; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44339
4; 2088.3; 23-AUG-2010 15:11:32; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44339
5; 2488.2; 23-AUG-2010 15:18:12; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44339
6; 2680.2; 23-AUG-2010 15:21:24; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44339
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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9; 4180.6; 23-AUG-2010 15:46:25; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 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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23; 6918.0; 23-AUG-2010 16:32:02; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44340
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5; 2088.1; 23-AUG-2010 16:52:08; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;44340
6; 2488.0; 23-AUG-2010 16:58:48; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44340
7; 2680.2; 23-AUG-2010 17:02:00; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44340
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10; 3360.3; 23-AUG-2010 17:13:20; Bright; 25.0; 76; 27Gam Cas ; 2.30; 30000;occ; 50; 0;44340
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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
13; 4575.1; 23-AUG-2010 17:33:35; Dark ; 31.0; 28; 12Bet Tau ; 1.65; 15200;occ; 62; 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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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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8; 528.2; 23-AUG-2010 21:27:56; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44343
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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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11; 1800.1; 23-AUG-2010 23:29:44; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44344
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14; 2487.7; 23-AUG-2010 23:41:11; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44344
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23; 4986.4; 24-AUG-2010 00:22:50; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44344
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5; -360.4; 24-AUG-2010 00:34:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44344
6; 342.0; 24-AUG-2010 00:46:02; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44345
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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6; 343.8; 24-AUG-2010 02:26:39; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44346
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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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 5;-1047.6; 24-AUG-2010 05:24:40; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 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
 18; 1903.3; 24-AUG-2010 06:13:51; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 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
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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
4; 2087.0; 24-AUG-2010 07:57:30; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44349
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
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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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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
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18; 5681.1; 24-AUG-2010 10:38:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44350
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22; 7048.4; 24-AUG-2010 11:00:48; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44351
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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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
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 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
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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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3; 1800.8; 25-AUG-2010 17:24:43; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44369
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22; 6938.9; 25-AUG-2010 18:50:21; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44370
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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

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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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 3; 1899.5; 26-AUG-2010 13:33:32; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44381
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 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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2; 1609.0; 26-AUG-2010 16:49:54; Dark ; 55.0; 142; 49Del Cap ; 2.85; 8900;occ; 110; 0;44383
3; 1801.8; 26-AUG-2010 16:53:07; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44383
4; 1899.4; 26-AUG-2010 16:54:44; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44383
5; 2081.8; 26-AUG-2010 16:57:47; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44383
6; 2546.4; 26-AUG-2010 17:05:31; Bright; 48.5; 164; 44Eta Peg ; 2.95; 5400;occ; 97; 0;44383
7; 2985.2; 26-AUG-2010 17:12:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44383
8; 3196.3; 26-AUG-2010 17:16:21; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44383
9; 3328.4; 26-AUG-2010 17:18:33; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44383
10; 4215.4; 26-AUG-2010 17:33:20; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;44383
11; 4375.7; 26-AUG-2010 17:36:01; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44383
12; 4662.6; 26-AUG-2010 17:40:47; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;44383
13; 4763.6; 26-AUG-2010 17:42:28; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44383
14; 5010.2; 26-AUG-2010 17:46:35; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44383
15; 5231.3; 26-AUG-2010 17:50:16; Dark ; 39.0; 72; 34Del Ori ; 2.25; 30000;occ; 78; 0;44383
16; 5329.7; 26-AUG-2010 17:51:55; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;44383
17; 5536.1; 26-AUG-2010 17:55:21; Dark ; 47.0; 101; 11Alp Lep ; 2.58; 7000;occ; 94; 0;44383
18; 5713.0; 26-AUG-2010 17:58:18; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44383
19; 6426.4; 26-AUG-2010 18:10:11; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;44384
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21; 6948.3; 26-AUG-2010 18:18:53; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44384
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3; 1609.0; 26-AUG-2010 18:30:30; Dark ; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;44384
4; 1801.9; 26-AUG-2010 18:33:43; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44384
5; 1899.1; 26-AUG-2010 18:35:20; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44384
6; 2081.9; 26-AUG-2010 18:38:23; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44384

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8; 2985.0; 26-AUG-2010 18:53:26; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44384
9; 3195.7; 26-AUG-2010 18:56:57; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44384
10; 3327.5; 26-AUG-2010 18:59:08; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44384
11; 4173.3; 26-AUG-2010 19:13:14; Bright; 57.5; 6; 13Alp Aur ; 0.08; 3400;occ; 115; 0;44384
12; 4375.8; 26-AUG-2010 19:16:37; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44384
13; 4662.7; 26-AUG-2010 19:21:24; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44384
14; 4763.7; 26-AUG-2010 19:23:05; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44384
15; 5010.7; 26-AUG-2010 19:27:12; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44384
16; 5232.3; 26-AUG-2010 19:30:53; Dark ; 30.0; 72; 34Del Ori ; 2.25; 30000;occ; 60; 0;44384
17; 5330.4; 26-AUG-2010 19:32:31; Dark ; 54.5; 1; 9Alp CMA ; -1.44; 11000;occ; 109; 0;44384
18; 5536.8; 26-AUG-2010 19:35:58; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;44384
19; 5714.0; 26-AUG-2010 19:38:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44384
20; 6427.6; 26-AUG-2010 19:50:49; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;44385
21; 6591.3; 26-AUG-2010 19:53:32; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44385
22; 6948.9; 26-AUG-2010 19:59:30; Dark ; 44.0; 84; Alp Phe ; 2.40; 4500;occ; 88; 0;44385

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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 ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44376
5; -1030.2; 26-AUG-2010 06:02:19; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;44376
6; -811.5; 26-AUG-2010 06:05:58; Dark ; 57.0; 72; 34Del Ori ; 2.25; 30000;occ; 114; 0;44376
7; -709.8; 26-AUG-2010 06:07:40; Dark ; 51.5; 1; 9Alp CMA ; -1.44; 11000;occ; 103; 0;44376
8; -506.8; 26-AUG-2010 06:11:03; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;44376
9; -329.9; 26-AUG-2010 06:14:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44376
10; 381.6; 26-AUG-2010 06:25:51; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44377
11; 550.5; 26-AUG-2010 06:28:40; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;44377
12; 907.8; 26-AUG-2010 06:34:37; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44377
13; 1022.2; 26-AUG-2010 06:36:32; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44377
14; 1304.0; 26-AUG-2010 06:41:13; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44377
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16; 1801.7; 26-AUG-2010 06:49:31; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;44377
17; 1899.8; 26-AUG-2010 06:51:09; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44377
18; 2082.9; 26-AUG-2010 06:54:12; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44377
19; 2550.6; 26-AUG-2010 07:02:00; Bright; 48.5; 164; 44Eta Peg ; 2.95; 5400;occ; 97; 0;44377
20; 2986.2; 26-AUG-2010 07:09:16; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44377
21; 3200.2; 26-AUG-2010 07:12:50; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44377
22; 3332.6; 26-AUG-2010 07:15:02; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;44377

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3; 1306.1; 26-AUG-2010 20:06:03; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;44385
4; 1608.9; 26-AUG-2010 20:11:06; Dark ; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44385
5; 1801.8; 26-AUG-2010 20:14:19; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44385
6; 1899.0; 26-AUG-2010 20:15:56; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44385
7; 2081.8; 26-AUG-2010 20:18:59; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44385
8; 2545.0; 26-AUG-2010 20:26:42; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;44385
9; 2984.8; 26-AUG-2010 20:34:02; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44385
10; 3194.6; 26-AUG-2010 20:37:31; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44385
11; 3326.8; 26-AUG-2010 20:39:44; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;44385
12; 4173.1; 26-AUG-2010 20:53:50; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;44385
13; 4375.6; 26-AUG-2010 20:57:13; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;44385
14; 4663.0; 26-AUG-2010 21:02:00; Dark ; 58.5; 151; 13Mu Gem ; 2.89; 3000;occ; 117; 0;44385
15; 4764.0; 26-AUG-2010 21:03:41; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44385
16; 5011.3; 26-AUG-2010 21:07:48; Dark ; 28.5; 14; 58Alp Ori ; 0.87; 3000;occ; 57; 0;44385

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5; -321.0; 26-AUG-2010 21:19:32; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44385
6; 392.9; 26-AUG-2010 21:31:26; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;44386
7; 555.8; 26-AUG-2010 21:34:09; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44386
8; 913.7; 26-AUG-2010 21:40:07; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44386
9; 1025.2; 26-AUG-2010 21:41:58; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44386
10; 1306.6; 26-AUG-2010 21:46:39; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44386
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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13; 1899.1; 26-AUG-2010 21:56:32; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;44386
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16; 2984.5; 26-AUG-2010 22:14:37; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44386
17; 3194.0; 26-AUG-2010 22:18:07; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;44386
18; 3326.0; 26-AUG-2010 22:20:19; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44386
19; 4172.8; 26-AUG-2010 22:34:26; Bright; 57.5; 6; 13Alp Aur ; 0.08; 3400;occ; 115; 0;44386
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21; 4663.1; 26-AUG-2010 22:42:36; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;44386
22; 4764.3; 26-AUG-2010 22:44:17; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44386
23; 5012.2; 26-AUG-2010 22:48:25; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;44386
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5; 556.9; 26-AUG-2010 23:14:46; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44387
6; 914.4; 26-AUG-2010 23:20:43; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44387
7; 1025.4; 26-AUG-2010 23:22:34; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44387
8; 1307.0; 26-AUG-2010 23:27:16; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;44387
9; 1609.1; 26-AUG-2010 23:32:18; Dark ; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44387
10; 1801.6; 26-AUG-2010 23:35:30; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44387
11; 1898.7; 26-AUG-2010 23:37:07; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44387
12; 2081.4; 26-AUG-2010 23:40:10; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44387
13; 2543.8; 26-AUG-2010 23:47:52; Bright; 48.5; 164; 44Eta Peg ; 2.95; 5400;occ; 97; 0;44387
14; 2984.3; 26-AUG-2010 23:55:13; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;44387
15; 3193.2; 26-AUG-2010 23:58:42; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44387
16; 3325.2; 27-AUG-2010 00:00:54; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44387
17; 4172.4; 27-AUG-2010 00:15:01; Bright; 57.5; 6; 13Alp Aur ; 0.08; 3400;occ; 115; 0;44387
18; 4375.7; 27-AUG-2010 00:18:24; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44387
19; 4663.4; 27-AUG-2010 00:23:12; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;44387
20; 4764.7; 27-AUG-2010 00:24:53; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44387
21; 5012.5; 27-AUG-2010 00:29:01; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;44387
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5; 557.3; 27-AUG-2010 00:55:22; Dark ; 50.0; 9; Alp Eri ; 0.45; 24000;occ; 100; 0;44388
6; 915.1; 27-AUG-2010 01:01:20; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;44388
7; 1025.7; 27-AUG-2010 01:03:10; Dark ; 52.5; 63; Bet Gru ; 2.15; 2800;occ; 105; 0;44388
8; 1307.4; 27-AUG-2010 01:07:52; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44388
9; 1609.4; 27-AUG-2010 01:12:54; Dark ; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;44388
10; 1801.7; 27-AUG-2010 01:16:06; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;44388
11; 1898.9; 27-AUG-2010 01:17:43; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44388
12; 2080.9; 27-AUG-2010 01:20:45; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44388
13; 2543.2; 27-AUG-2010 01:28:28; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44388
14; 2984.4; 27-AUG-2010 01:35:49; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44388
15; 3192.7; 27-AUG-2010 01:39:17; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44388
16; 3324.4; 27-AUG-2010 01:41:29; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44388
17; 4172.4; 27-AUG-2010 01:55:37; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;44388
18; 4375.8; 27-AUG-2010 01:59:00; Bright; 49.0; 107; 37The Aur ; 2.65; 11000;occ; 98; 0;44388
19; 4663.9; 27-AUG-2010 02:03:48; Dark ; 54.0; 151; 13Mu Gem ; 2.89; 3000;occ; 108; 0;44388
20; 4765.0; 27-AUG-2010 02:05:29; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;44388
21; 5013.3; 27-AUG-2010 02:09:38; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;44388
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5; 396.5; 27-AUG-2010 02:33:17; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44389
6; 557.9; 27-AUG-2010 02:35:58; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44389
7; 915.6; 27-AUG-2010 02:41:56; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44389
8; 1026.2; 27-AUG-2010 02:43:47; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;44389
9; 1307.4; 27-AUG-2010 02:48:28; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44389

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9; 594.4; 31-AUG-2010 03:51:18; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44447
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4; 2977.0; 31-AUG-2010 09:32:49; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44450
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9; 4512.5; 31-AUG-2010 09:58:25; Bright; 36.5; 17; 78Bet Gem ; 1.16; 4500;occ; 73; 0;44450
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 4; 2075.8; 31-AUG-2010 16:00:11; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44454
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