

# GOMOS Daily Report 07-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	10AUG2010 04:53:09
Data source version	GOMOS/5.01
Start time of products	07AUG2010 00:00:30
Stop time of products	07AUG2010 23:53:29
Store outputs in DB	Yes
Nb of level 1b prods	159
Nb of prods with errors	1

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

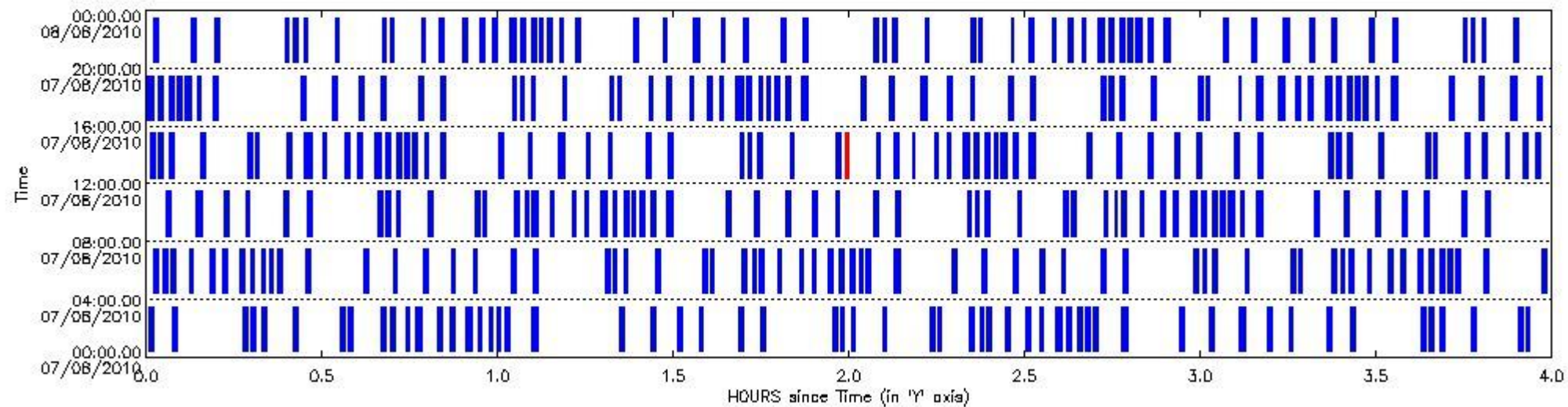
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
07-AUG-2010 13:59:20	37DelCas	110	44109

### 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_1PNPDE20100807_000030_000000492091_00460_44101_3147.N1	07-AUG-2010 00:00:30	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	44101	No
2	GOM_TRA_1PNPDE20100807_000423_000000462091_00460_44101_3148.N1	07-AUG-2010 00:04:23	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	44101	No
3	GOM_TRA_1PNPDE20100807_001635_000000422091_00460_44101_3149.N1	07-AUG-2010 00:16:35	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	44101	No
4	GOM_TRA_1PNPDE20100807_001757_000000392091_00460_44101_3150.N1	07-AUG-2010 00:17:57	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	44101	No
5	GOM_TRA_1PNPDE20100807_001945_000000422091_00460_44101_3151.N1	07-AUG-2010 00:19:45	Bright	42.000	19	50Alp Cyg	1.2460	10500.0	84	44101	No
6	GOM_TRA_1PNPDE20100807_002512_000000372091_00460_44101_3152.N1	07-AUG-2010 00:25:12	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44101	No
7	GOM_TRA_1PNPDE20100807_003312_000000462091_00460_44101_3153.N1	07-AUG-2010 00:33:12	Bright	46.000	76	27Gam Cas	2.3000	30000.0	92	44101	No
8	GOM_TRA_1PNPDE20100807_003431_000000372091_00460_44101_3154.N1	07-AUG-2010 00:34:31	Bright	37.000	110	37Del Cas	2.6780	8900.0	74	44101	No
9	GOM_TRA_1PNPDE20100807_003959_000000522091_00460_44101_3155.N1	07-AUG-2010 00:39:59	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	44101	No
10	GOM_TRA_1PNPDE20100807_004146_000000402091_00460_44101_3156.N1	07-AUG-2010 00:41:46	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	44101	No

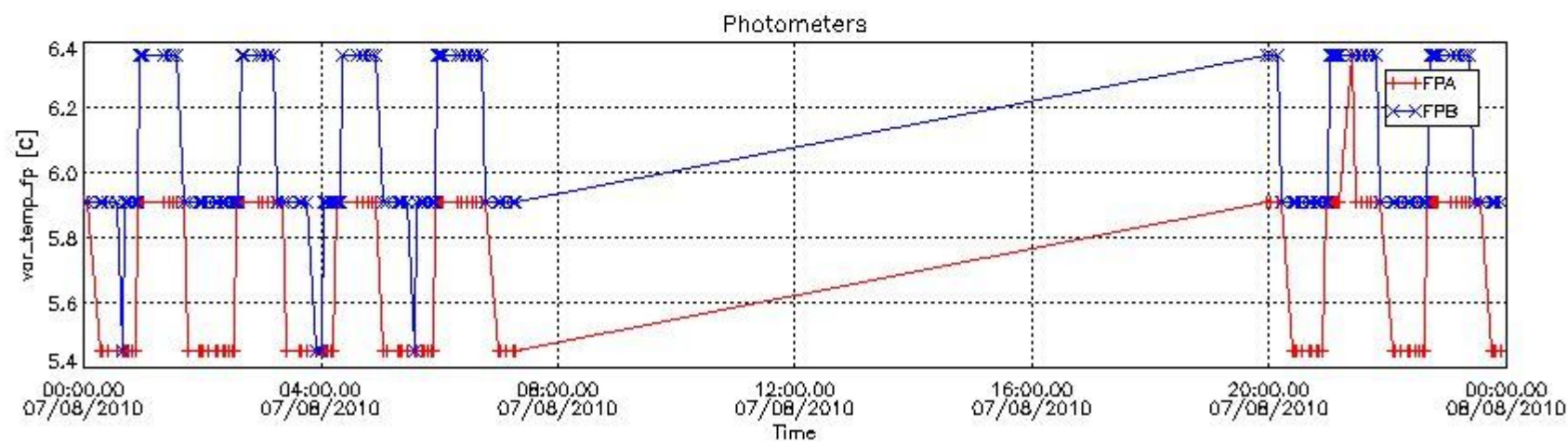
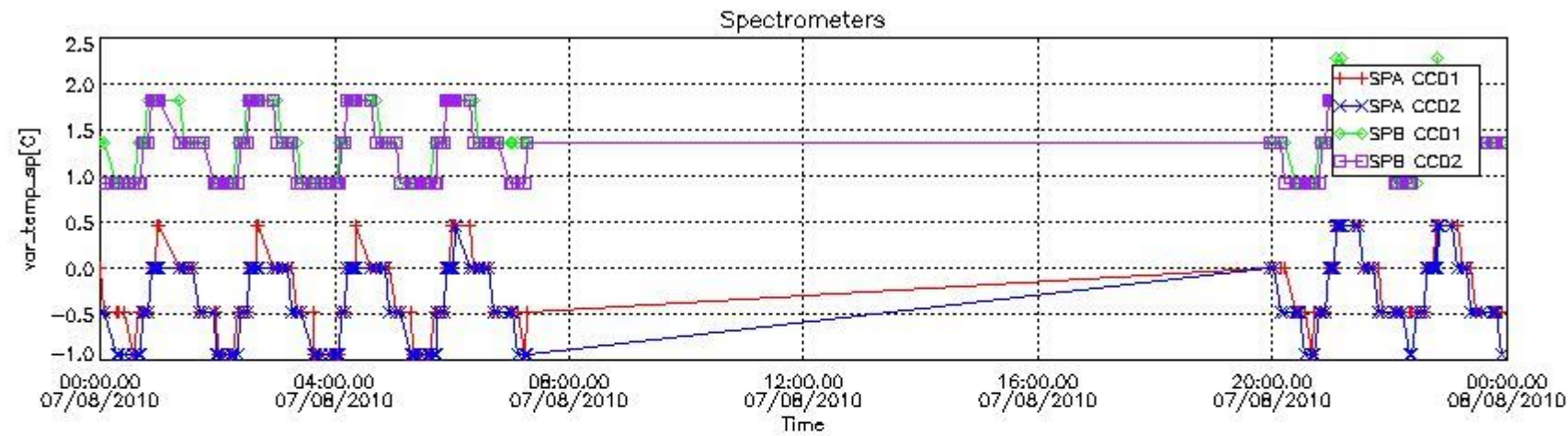
11	GOM_TRA_1PNPDE20100807_004413_000000472091_00460_44101_3157.N1	07-AUG-2010 00:44:13	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	44101	No
12	GOM_TRA_1PNPDE20100807_004604_000000512091_00460_44101_3158.N1	07-AUG-2010 00:46:04	Bright	51.000	149	45Eps Per	2.8880	30000.	102	44101	No
13	GOM_TRA_1PNPDE20100807_004941_000000492091_00460_44101_3159.N1	07-AUG-2010 00:49:41	Bright	48.500	28	12Bet Tau	1.6500	15200.	97	44101	No
14	GOM_TRA_1PNPDE20100807_005151_000000442091_00460_44101_3160.N1	07-AUG-2010 00:51:51	Twilight	43.500	176	23Zet Tau	3.0200	22000.	87	44101	No
15	GOM_TRA_1PNPDE20100807_005438_000000592091_00460_44101_3161.N1	07-AUG-2010 00:54:38	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	44101	No
16	GOM_TRA_1PNPDE20100807_005633_000000432091_00460_44101_3162.N1	07-AUG-2010 00:56:33	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	44101	No
17	GOM_TRA_1PNPDE20100807_005829_000000412091_00460_44101_3163.N1	07-AUG-2010 00:58:29	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	44101	No
18	GOM_TRA_1PNPDE20100807_005950_000000392091_00460_44101_3164.N1	07-AUG-2010 00:59:50	Dark	39.000	125	44Iot Ori	2.7700	30000.	78	44101	No
19	GOM_TRA_1PNPDE20100807_010107_000000522091_00460_44101_3165.N1	07-AUG-2010 01:01:07	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	44101	No
20	GOM_TRA_1PNPDE20100807_012053_000000472091_00461_44102_3174.N1	07-AUG-2010 01:20:53	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44102	No
21	GOM_TRA_1PNPDE20100807_012607_000000542091_00461_44102_3175.N1	07-AUG-2010 01:26:07	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44102	No
22	GOM_TRA_1PNPDE20100807_013048_000000482091_00461_44102_3176.N1	07-AUG-2010 01:30:48	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	44102	No
23	GOM_TRA_1PNPDE20100807_013435_000000292091_00461_44102_3177.N1	07-AUG-2010 01:34:35	Twilight	29.000	18	24Alp PsA	1.1660	9700.0	58	44102	No
24	GOM_TRA_1PNPDE20100807_014107_000000492091_00461_44102_3178.N1	07-AUG-2010 01:41:07	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	44102	No
25	GOM_TRA_1PNPDE20100807_014459_000000462091_00461_44102_3179.N1	07-AUG-2010 01:44:59	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	44102	No
26	GOM_TRA_1PNPDE20100807_015710_000000452091_00461_44102_3180.N1	07-AUG-2010 01:57:10	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	44102	No
27	GOM_TRA_1PNPDE20100807_015832_000000392091_00461_44102_3181.N1	07-AUG-2010 01:58:32	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	44102	No
28	GOM_TRA_1PNPDE20100807_020021_000000392091_00461_44102_3182.N1	07-AUG-2010 02:00:21	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	44102	No
29	GOM_TRA_1PNPDE20100807_020547_000000382091_00461_44102_3183.N1	07-AUG-2010 02:05:47	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44102	No
30	GOM_TRA_1PNPDE20100807_021347_000000462091_00461_44102_3184.N1	07-AUG-2010 02:13:47	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44102	No
31	GOM_TRA_1PNPDE20100807_021506_000000362091_00461_44102_3185.N1	07-AUG-2010 02:15:06	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	44102	No
32	GOM_TRA_1PNPDE20100807_022035_000000492091_00461_44102_3186.N1	07-AUG-2010 02:20:35	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44102	No
33	GOM_TRA_1PNPDE20100807_022222_000000352091_00461_44102_3187.N1	07-AUG-2010 02:22:22	Twilight	35.000	35	33Alp Per	1.7950	6250.0	70	44102	No
34	GOM_TRA_1PNPDE20100807_022329_000000452091_00461_44102_3188.N1	07-AUG-2010 02:23:29	Bright	45.000	175	39Del Per	3.0100	19400.	90	44102	No
35	GOM_TRA_1PNPDE20100807_022640_000000452091_00461_44102_3189.N1	07-AUG-2010 02:26:40	Bright	45.000	149	45Eps Per	2.8880	30000.	90	44102	No
36	GOM_TRA_1PNPDE20100807_023017_000000502091_00461_44102_3190.N1	07-AUG-2010 02:30:17	Bright	49.500	28	12Bet Tau	1.6500	15200.	99	44102	No
37	GOM_TRA_1PNPDE20100807_023227_000000412091_00461_44102_3191.N1	07-AUG-2010 02:32:27	Twilight	41.000	176	23Zet Tau	3.0200	22000.	82	44102	No
38	GOM_TRA_1PNPDE20100807_023514_000000672091_00461_44102_3192.N1	07-AUG-2010 02:35:14	Dark	66.500	13	87Alp Tau	0.86700	3800.0	133	44102	No
39	GOM_TRA_1PNPDE20100807_023710_000000432091_00461_44102_3193.N1	07-AUG-2010 02:37:10	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	44102	No
40	GOM_TRA_1PNPDE20100807_023905_000000422091_00461_44102_3194.N1	07-AUG-2010 02:39:05	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	44102	No
41	GOM_TRA_1PNPDE20100807_024026_000000402091_00461_44102_3195.N1	07-AUG-2010 02:40:26	Dark	39.500	125	44Iot Ori	2.7700	30000.	79	44102	No
42	GOM_TRA_1PNPDE20100807_024143_000000422091_00461_44102_3196.N1	07-AUG-2010 02:41:43	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	44102	No
43	GOM_TRA_1PNPDE20100807_025625_000000462091_00462_44103_3197.N1	07-AUG-2010 02:56:25	Dark	45.500	157	The1Eri	2.9060	9300.0	91	44103	No
44	GOM_TRA_1PNPDE20100807_030130_000000432091_00462_44103_3198.N1	07-AUG-2010 03:01:30	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44103	No
45	GOM_TRA_1PNPDE20100807_030644_000000602091_00462_44103_3199.N1	07-AUG-2010 03:06:44	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	44103	No
46	GOM_TRA_1PNPDE20100807_031125_000000432091_00462_44103_3200.N1	07-AUG-2010 03:11:25	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44103	No
47	GOM_TRA_1PNPDE20100807_031511_000000292091_00462_44103_3201.N1	07-AUG-2010 03:15:11	Twilight	29.000	18	24Alp PsA	1.1660	9700.0	58	44103	No
48	GOM_TRA_1PNPDE20100807_032143_000000502091_00462_44103_3202.N1	07-AUG-2010 03:21:43	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	44103	No
49	GOM_TRA_1PNPDE20100807_032535_000000482091_00462_44103_3203.N1	07-AUG-2010 03:25:35	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	44103	No
50	GOM_TRA_1PNPDE20100807_033746_000000452091_00462_44103_3204.N1	07-AUG-2010 03:37:46	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	44103	No
51	GOM_TRA_1PNPDE20100807_033907_000000422091_00462_44103_3205.N1	07-AUG-2010 03:39:07	Bright	41.500	66	37Gam Cyg	2.2080	5900.0	83	44103	No
52	GOM_TRA_1PNPDE20100807_034056_000000412091_00462_44103_3206.N1	07-AUG-2010 03:40:56	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	44103	No
53	GOM_TRA_1PNPDE20100807_034623_000000412091_00462_44103_3216.N1	07-AUG-2010 03:46:23	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44103	No
54	GOM_TRA_1PNPDE20100807_035422_000000462091_00462_44103_3217.N1	07-AUG-2010 03:54:22	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44103	No
55	GOM_TRA_1PNPDE20100807_035542_000000362091_00462_44103_3218.N1	07-AUG-2010 03:55:42	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	44103	No
56	GOM_TRA_1PNPDE20100807_040110_000000492091_00462_44103_3219.N1	07-AUG-2010 04:01:10	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44103	No
57	GOM_TRA_1PNPDE20100807_040257_000000352091_00462_44103_3220.N1	07-AUG-2010 04:02:57	Twilight	35.000	35	33Alp Per	1.7950	6250.0	70	44103	No
58	GOM_TRA_1PNPDE20100807_040404_000000482091_00462_44103_3221.N1	07-AUG-2010 04:04:04	Bright	48.000	175	39Del Per	3.0100	19400.	96	44103	No
59	GOM_TRA_1PNPDE20100807_040715_000000452091_00462_44103_3222.N1	07-AUG-2010 04:07:15	Bright	45.000	149	45Eps Per	2.8880	30000.	90	44103	No
60	GOM_TRA_1PNPDE20100807_041053_000000462091_00462_44103_3223.N1	07-AUG-2010 04:10:53	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	44103	No
61	GOM_TRA_1PNPDE20100807_041303_000000422091_00462_44103_3224.N1	07-AUG-2010 04:13:03	Twilight	41.500	176	23Zet Tau	3.0200	22000.	83	44103	No
62	GOM_TRA_1PNPDE20100807_041551_000000592091_00462_44103_3225.N1	07-AUG-2010 04:15:51	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	44103	No
63	GOM_TRA_1PNPDE20100807_041746_000000432091_00462_44103_3226.N1	07-AUG-2010 04:17:46	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	44103	No
64	GOM_TRA_1PNPDE20100807_041941_000000412091_00462_44103_3227.N1	07-AUG-2010 04:19:41	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	44103	No
65	GOM_TRA_1PNPDE20100807_042103_000000402091_00462_44103_3228.N1	07-AUG-2010 04:21:03	Dark	40.000	125	44Iot Ori	2.7700	30000.	80	44103	No
66	GOM_TRA_1PNPDE20100807_042219_000000492091_00462_44103_3229.N1	07-AUG-2010 04:22:19	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	44103	No
67	GOM_TRA_1PNPDE20100807_043702_000000492091_00463_44104_3230.N1	07-AUG-2010 04:37:02	Dark	48.500	157	The1Eri	2.9060	9300.0	97	44104	No
68	GOM_TRA_1PNPDE20100807_044206_000000432091_00463_44104_3231.N1	07-AUG-2010 04:42:06	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44104	No
69	GOM_TRA_1PNPDE20100807_044721_000000532091_00463_44104_3232.N1	07-AUG-2010 04:47:21	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	44104	No



70	GOM_TRA_1PNPDE20100807_045201_000000442091_00463_44104_3233.N1	07-AUG-2010 04:52:01	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	44104	No
71	GOM_TRA_1PNPDE20100807_045548_000000332091_00463_44104_3234.N1	07-AUG-2010 04:55:48	Twilight_and_stray	33.000	18	24Alp PsA	1.1660	9700.0	66	44104	No
72	GOM_TRA_1PNPDE20100807_050219_000000492091_00463_44104_3235.N1	07-AUG-2010 05:02:19	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	44104	No
73	GOM_TRA_1PNPDE20100807_050610_000000472091_00463_44104_3236.N1	07-AUG-2010 05:06:10	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	44104	No
74	GOM_TRA_1PNPDE20100807_051822_000000432091_00463_44104_3237.N1	07-AUG-2010 05:18:22	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	44104	No
75	GOM_TRA_1PNPDE20100807_051943_000000402091_00463_44104_3238.N1	07-AUG-2010 05:19:43	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	44104	No
76	GOM_TRA_1PNPDE20100807_052132_000000432091_00463_44104_3239.N1	07-AUG-2010 05:21:32	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	44104	No
77	GOM_TRA_1PNPDE20100807_052658_000000412091_00463_44104_3240.N1	07-AUG-2010 05:26:58	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44104	No
78	GOM_TRA_1PNPDE20100807_053457_000000462091_00463_44104_3241.N1	07-AUG-2010 05:34:57	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44104	No
79	GOM_TRA_1PNPDE20100807_053617_000000352091_00463_44104_3242.N1	07-AUG-2010 05:36:17	Twilight_and_stray	34.500	110	37Del Cas	2.6780	8900.0	69	44104	No
80	GOM_TRA_1PNPDE20100807_054146_000000452091_00463_44104_3246.N1	07-AUG-2010 05:41:46	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	44104	No
81	GOM_TRA_1PNPDE20100807_054333_000000302091_00463_44104_3247.N1	07-AUG-2010 05:43:33	Twilight_and_stray	30.000	35	33Alp Per	1.7950	6250.0	60	44104	No
82	GOM_TRA_1PNPDE20100807_054441_000000482091_00463_44104_3248.N1	07-AUG-2010 05:44:41	Bright	47.500	175	39Del Per	3.0100	19400.	95	44104	No
83	GOM_TRA_1PNPDE20100807_054752_000000382091_00463_44104_3249.N1	07-AUG-2010 05:47:52	Bright	38.000	149	45Eps Per	2.8880	30000.	76	44104	No
84	GOM_TRA_1PNPDE20100807_055130_000000452091_00463_44104_3250.N1	07-AUG-2010 05:51:30	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	44104	No
85	GOM_TRA_1PNPDE20100807_055339_000000412091_00463_44104_3251.N1	07-AUG-2010 05:53:39	Twilight_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44104	No
86	GOM_TRA_1PNPDE20100807_055627_000000512091_00463_44104_3252.N1	07-AUG-2010 05:56:27	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	44104	No
87	GOM_TRA_1PNPDE20100807_055822_000000432091_00463_44104_3253.N1	07-AUG-2010 05:58:22	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	44104	No
88	GOM_TRA_1PNPDE20100807_060018_000000432091_00463_44104_3254.N1	07-AUG-2010 06:00:18	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	44104	No
89	GOM_TRA_1PNPDE20100807_060139_000000422091_00463_44104_3255.N1	07-AUG-2010 06:01:39	Dark	42.000	125	44Iot Ori	2.7700	30000.	84	44104	No
90	GOM_TRA_1PNPDE20100807_060256_000000512091_00463_44104_3256.N1	07-AUG-2010 06:02:56	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	44104	No
91	GOM_TRA_1PNPDE20100807_061740_000000492091_00464_44105_3257.N1	07-AUG-2010 06:17:40	Dark	48.500	157	The1Eri	2.9060	9300.0	97	44105	No
92	GOM_TRA_1PNPDE20100807_062243_000000442091_00464_44105_3258.N1	07-AUG-2010 06:22:43	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44105	No
93	GOM_TRA_1PNPDE20100807_062757_000000602091_00464_44105_3259.N1	07-AUG-2010 06:27:57	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	44105	No
94	GOM_TRA_1PNPDE20100807_063238_000000472091_00464_44105_3260.N1	07-AUG-2010 06:32:38	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	44105	No
95	GOM_TRA_1PNPDE20100807_063624_000000332091_00464_44105_3261.N1	07-AUG-2010 06:36:24	Twilight_and_stray	33.000	18	24Alp PsA	1.1660	9700.0	66	44105	No
96	GOM_TRA_1PNPDE20100807_064255_000000542091_00464_44105_3262.N1	07-AUG-2010 06:42:55	Bright	53.500	142	49Del Cap	2.8500	8900.0	107	44105	No
97	GOM_TRA_1PNPDE20100807_064646_000000482091_00464_44105_3263.N1	07-AUG-2010 06:46:46	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	44105	No
98	GOM_TRA_1PNPDE20100807_065857_000000432091_00464_44105_3264.N1	07-AUG-2010 06:58:57	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	44105	No
99	GOM_TRA_1PNPDE20100807_070019_000000402091_00464_44105_3265.N1	07-AUG-2010 07:00:19	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	44105	No
100	GOM_TRA_1PNPDE20100807_070208_000000442091_00464_44105_3266.N1	07-AUG-2010 07:02:08	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	44105	No
101	GOM_TRA_1PNPDE20100807_070734_000000412091_00464_44105_3267.N1	07-AUG-2010 07:07:34	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44105	No
102	GOM_TRA_1PNPDE20100807_071533_000000462091_00464_44105_3268.N1	07-AUG-2010 07:15:33	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44105	No
103	GOM_TRA_1PNPDE20100807_071652_000000352091_00464_44105_3269.N1	07-AUG-2010 07:16:52	Twilight_and_stray	34.500	110	37Del Cas	2.6780	8900.0	69	44105	No
104	GOM_TRA_1PNPDE20100807_195729_000000492091_00472_44113_3376.N1	07-AUG-2010 19:57:29	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	44113	No
105	GOM_TRA_1PNPDE20100807_200116_000000472091_00472_44113_3377.N1	07-AUG-2010 20:01:16	Twilight_and_stray	47.000	18	24Alp PsA	1.1660	9700.0	94	44113	No
106	GOM_TRA_1PNPDE20100807_200743_000000482091_00472_44113_3378.N1	07-AUG-2010 20:07:43	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	44113	No
107	GOM_TRA_1PNPDE20100807_201132_000000512091_00472_44113_3379.N1	07-AUG-2010 20:11:32	Bright	51.000	154	22Bet Aqr	2.8990	5700.0	102	44113	No
108	GOM_TRA_1PNPDE20100807_202341_000000402091_00472_44113_3380.N1	07-AUG-2010 20:23:41	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	44113	No
109	GOM_TRA_1PNPDE20100807_202504_000000452091_00472_44113_3381.N1	07-AUG-2010 20:25:04	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	44113	No
110	GOM_TRA_1PNPDE20100807_202652_000000442091_00472_44113_3382.N1	07-AUG-2010 20:26:52	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	44113	No
111	GOM_TRA_1PNPDE20100807_203218_000000402091_00472_44113_3383.N1	07-AUG-2010 20:32:18	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44113	No
112	GOM_TRA_1PNPDE20100807_204014_000000462091_00472_44113_3384.N1	07-AUG-2010 20:40:14	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44113	No
113	GOM_TRA_1PNPDE20100807_204134_000000322091_00472_44113_3385.N1	07-AUG-2010 20:41:34	Twilight_and_stray	32.000	110	37Del Cas	2.6780	8900.0	64	44113	No
114	GOM_TRA_1PNPDE20100807_204705_000000302091_00472_44113_3386.N1	07-AUG-2010 20:47:05	Twilight_and_stray	30.000	160	23Gam Per	2.9300	4700.0	60	44113	No
115	GOM_TRA_1PNPDE20100807_205001_000000482091_00472_44113_3387.N1	07-AUG-2010 20:50:01	Bright	48.000	175	39Del Per	3.0100	19400.	96	44113	No
116	GOM_TRA_1PNPDE20100807_205401_000000552091_00472_44113_3388.N1	07-AUG-2010 20:54:01	Bright	55.000	107	37The Aur	2.6490	11000.	110	44113	No
117	GOM_TRA_1PNPDE20100807_205655_000000502091_00472_44113_3389.N1	07-AUG-2010 20:56:55	Bright	49.500	28	12Bet Tau	1.6500	15200.	99	44113	No
118	GOM_TRA_1PNPDE20100807_205905_000000432091_00472_44113_3390.N1	07-AUG-2010 20:59:05	Twilight_and_stray	43.000	176	23Zet Tau	3.0200	22000.	86	44113	No
119	GOM_TRA_1PNPDE20100807_210155_000000702091_00472_44113_3391.N1	07-AUG-2010 21:01:55	Dark	70.000	13	87Alp Tau	0.86700	3800.0	140	44113	No
120	GOM_TRA_1PNPDE20100807_210350_000000472091_00472_44113_3392.N1	07-AUG-2010 21:03:50	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	44113	No
121	GOM_TRA_1PNPDE20100807_210545_000000472091_00472_44113_3418.N1	07-AUG-2010 21:05:45	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	44113	No
122	GOM_TRA_1PNPDE20100807_210707_000000422091_00472_44113_3419.N1	07-AUG-2010 21:07:07	Dark	41.500	125	44Iot Ori	2.7700	30000.	83	44113	No
123	GOM_TRA_1PNPDE20100807_210824_000000512091_00472_44113_3420.N1	07-AUG-2010 21:08:24	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	44113	No
124	GOM_TRA_1PNPDE20100807_211028_000000442091_00472_44113_3421.N1	07-AUG-2010 21:10:28	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	44113	No
125	GOM_TRA_1PNPDE20100807_212313_000000502091_00473_44114_3422.N1	07-AUG-2010 21:23:13	Dark	49.500	157	The1Eri	2.9060	9300.0	99	44114	No
126	GOM_TRA_1PNPDE20100807_212812_000000452091_00473_44114_3423.N1	07-AUG-2010 21:28:12	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44114	No
127	GOM_TRA_1PNPDE20100807_213330_000000532091_00473_44114_3424.N1	07-AUG-2010 21:33:30	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44114	No
128	GOM_TRA_1PNPDE20100807_213805_000000452091_00473_44114_3425.N1	07-AUG-2010 21:38:05	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44114	No

129	GOM_TRA_1PNPDE20100807_214153_000000512091_00473_44114_3426.N1	07-AUG-2010 21:41:53	Twilight	51.000	18	24Alp PsA	1.1660	9700.0	102	44114	No
130	GOM_TRA_1PNPDE20100807_214819_000000462091_00473_44114_3427.N1	07-AUG-2010 21:48:19	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44114	No
131	GOM_TRA_1PNPDE20100807_215208_000000482091_00473_44114_3428.N1	07-AUG-2010 21:52:08	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	44114	No
132	GOM_TRA_1PNPDE20100807_220417_000000432091_00473_44114_3429.N1	07-AUG-2010 22:04:17	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	44114	No
133	GOM_TRA_1PNPDE20100807_220540_000000442091_00473_44114_3430.N1	07-AUG-2010 22:05:40	Bright	43.500	66	37Gam Cyg	2.2080	5900.0	87	44114	No
134	GOM_TRA_1PNPDE20100807_220728_000000422091_00473_44114_3431.N1	07-AUG-2010 22:07:28	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	44114	No
135	GOM_TRA_1PNPDE20100807_221254_000000392091_00473_44114_3432.N1	07-AUG-2010 22:12:54	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44114	No
136	GOM_TRA_1PNPDE20100807_222049_000000462091_00473_44114_3433.N1	07-AUG-2010 22:20:49	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44114	No
137	GOM_TRA_1PNPDE20100807_222209_000000322091_00473_44114_3434.N1	07-AUG-2010 22:22:09	Twilight	32.000	110	37Del Cas	2.6780	8900.0	64	44114	No
138	GOM_TRA_1PNPDE20100807_222741_000000262091_00473_44114_3435.N1	07-AUG-2010 22:27:41	Twilight	26.000	160	23Gam Per	2.9300	4700.0	52	44114	No
139	GOM_TRA_1PNPDE20100807_223037_000000472091_00473_44114_3436.N1	07-AUG-2010 22:30:37	Bright	47.000	175	39Del Per	3.0100	19400.	94	44114	No
140	GOM_TRA_1PNPDE20100807_223437_000000362091_00473_44114_3437.N1	07-AUG-2010 22:34:37	Bright	35.500	107	37The Aur	2.6490	11000.	71	44114	No
141	GOM_TRA_1PNPDE20100807_223731_000000472091_00473_44114_3438.N1	07-AUG-2010 22:37:31	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	44114	No
142	GOM_TRA_1PNPDE20100807_223941_000000442091_00473_44114_3439.N1	07-AUG-2010 22:39:41	Twilight	44.000	176	23Zet Tau	3.0200	22000.	88	44114	No
143	GOM_TRA_1PNPDE20100807_224231_000000672091_00473_44114_3440.N1	07-AUG-2010 22:42:31	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	44114	No
144	GOM_TRA_1PNPDE20100807_224426_000000462091_00473_44114_3441.N1	07-AUG-2010 22:44:26	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	44114	No
145	GOM_TRA_1PNPDE20100807_224621_000000472091_00473_44114_3442.N1	07-AUG-2010 22:46:21	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	44114	No
146	GOM_TRA_1PNPDE20100807_224743_000000432091_00473_44114_3443.N1	07-AUG-2010 22:47:43	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	44114	No
147	GOM_TRA_1PNPDE20100807_224901_000000532091_00473_44114_3445.N1	07-AUG-2010 22:49:01	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	44114	Yes
148	GOM_TRA_1PNPDE20100807_225105_000000462091_00473_44114_3446.N1	07-AUG-2010 22:51:05	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44114	No
149	GOM_TRA_1PNPDE20100807_230349_000000482091_00474_44115_3447.N1	07-AUG-2010 23:03:49	Dark	48.000	157	The1Eri	2.9060	9300.0	96	44115	No
150	GOM_TRA_1PNPDE20100807_230849_000000452091_00474_44115_3448.N1	07-AUG-2010 23:08:49	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44115	No
151	GOM_TRA_1PNPDE20100807_231407_000000612091_00474_44115_3449.N1	07-AUG-2010 23:14:07	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	44115	No
152	GOM_TRA_1PNPDE20100807_231841_000000522091_00474_44115_3450.N1	07-AUG-2010 23:18:41	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	44115	No
153	GOM_TRA_1PNPDE20100807_232229_000000512091_00474_44115_3451.N1	07-AUG-2010 23:22:29	Twilight	51.000	18	24Alp PsA	1.1660	9700.0	102	44115	No
154	GOM_TRA_1PNPDE20100807_232855_000000472091_00474_44115_3452.N1	07-AUG-2010 23:28:55	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44115	No
155	GOM_TRA_1PNPDE20100807_233244_000000482091_00474_44115_3453.N1	07-AUG-2010 23:32:44	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	44115	No
156	GOM_TRA_1PNPDE20100807_234452_000000432091_00474_44115_3454.N1	07-AUG-2010 23:44:52	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	44115	No
157	GOM_TRA_1PNPDE20100807_234615_000000392091_00474_44115_3455.N1	07-AUG-2010 23:46:15	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	44115	No
158	GOM_TRA_1PNPDE20100807_234803_000000412091_00474_44115_3456.N1	07-AUG-2010 23:48:03	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	44115	No
159	GOM_TRA_1PNPDE20100807_235329_000000412091_00474_44115_3457.N1	07-AUG-2010 23:53:29	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44115	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.

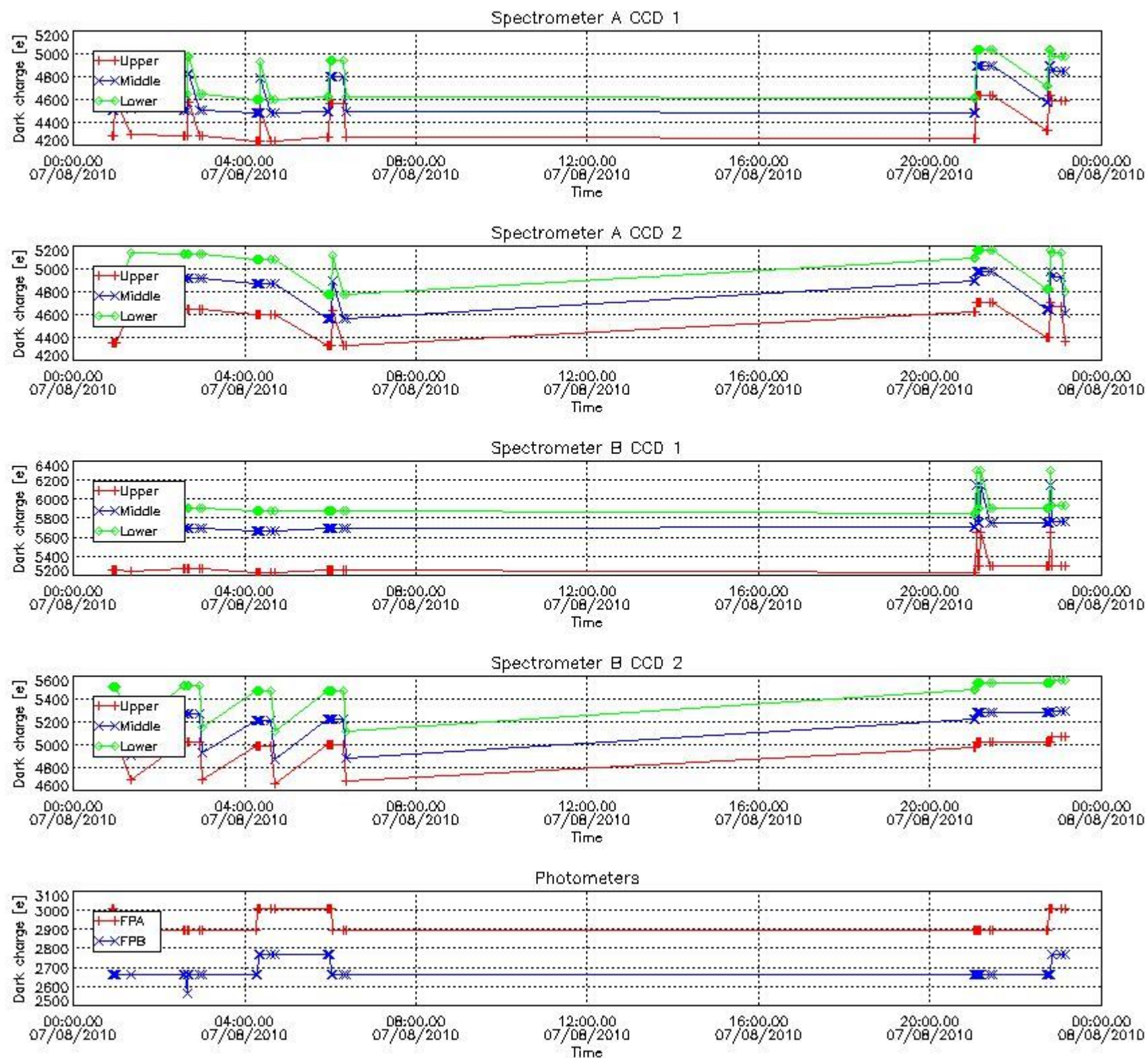
##### 4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDE20100807_195729_000000492091_00472_44113_3376.N1	DC map used
GOM_TRA_1PNPDE20100807_200116_000000472091_00472_44113_3377.N1	DC map used
GOM_TRA_1PNPDE20100807_200743_000000482091_00472_44113_3378.N1	DC map used
GOM_TRA_1PNPDE20100807_201132_000000512091_00472_44113_3379.N1	DC map used
GOM_TRA_1PNPDE20100807_202341_000000402091_00472_44113_3380.N1	DC map used
GOM_TRA_1PNPDE20100807_202504_000000452091_00472_44113_3381.N1	DC map used
GOM_TRA_1PNPDE20100807_202652_000000442091_00472_44113_3382.N1	DC map used
GOM_TRA_1PNPDE20100807_203218_000000402091_00472_44113_3383.N1	DC map used
GOM_TRA_1PNPDE20100807_204014_000000462091_00472_44113_3384.N1	DC map used
GOM_TRA_1PNPDE20100807_204134_000000322091_00472_44113_3385.N1	DC map used
GOM_TRA_1PNPDE20100807_204705_000000302091_00472_44113_3386.N1	DC map used
GOM_TRA_1PNPDE20100807_205001_000000482091_00472_44113_3387.N1	DC map used
GOM_TRA_1PNPDE20100807_205401_000000552091_00472_44113_3388.N1	DC map used
GOM_TRA_1PNPDE20100807_205655_000000502091_00472_44113_3389.N1	DC map used



GOM_TRA_1PNPDE20100807_205905_000000432091_00472_44113_3390.N1	DC map used
GOM_TRA_1PNPDE20100807_210155_000000702091_00472_44113_3391.N1	DC map used
GOM_TRA_1PNPDE20100807_210350_000000472091_00472_44113_3392.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

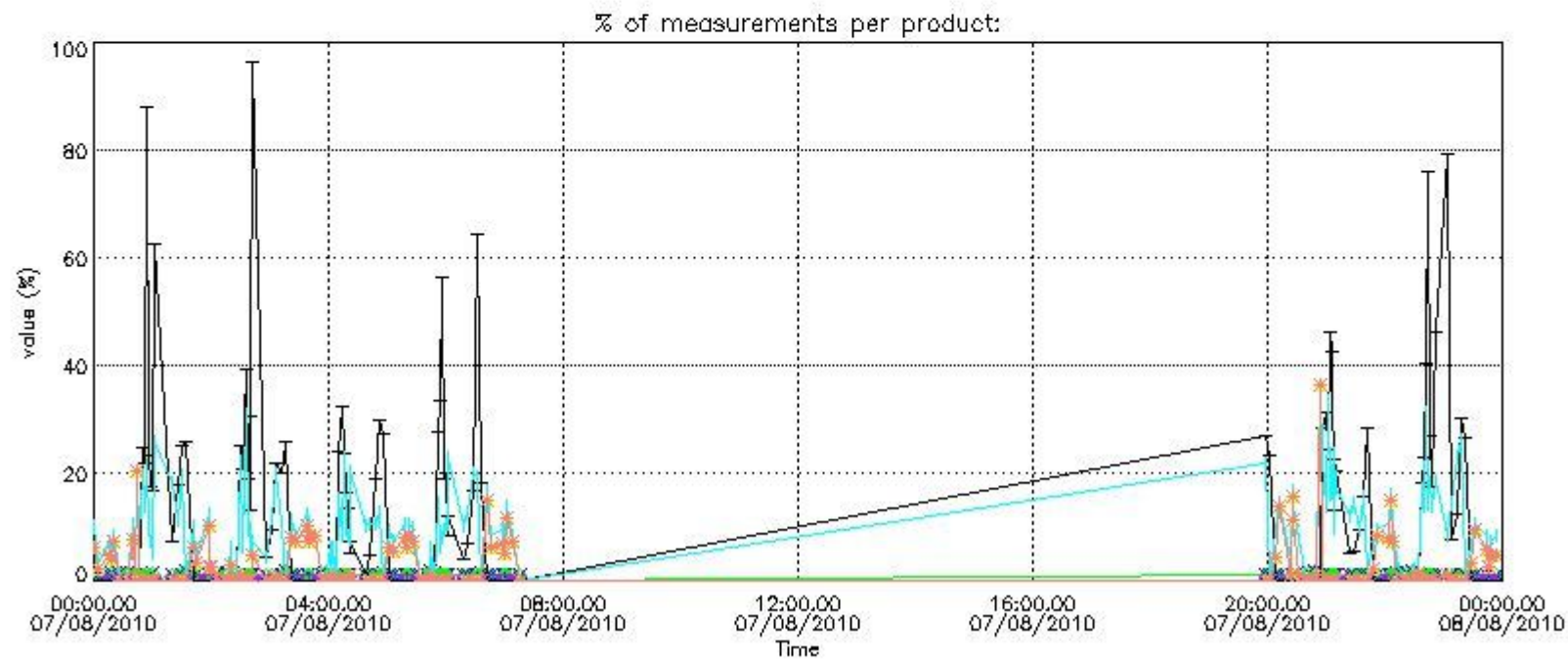
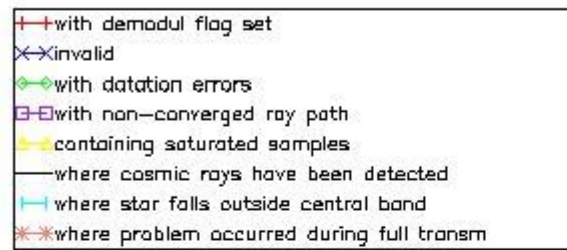
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors

(error flag in the MPH set to "0") are used.

5.1 Percentage of products during reporting period with:

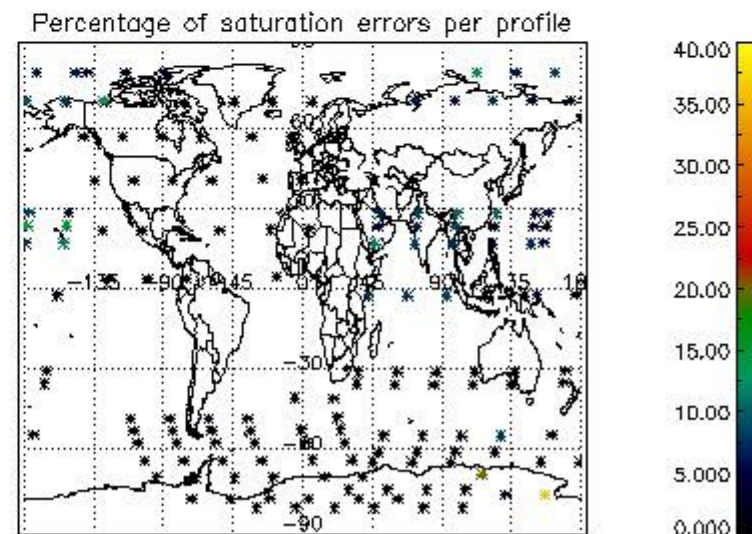
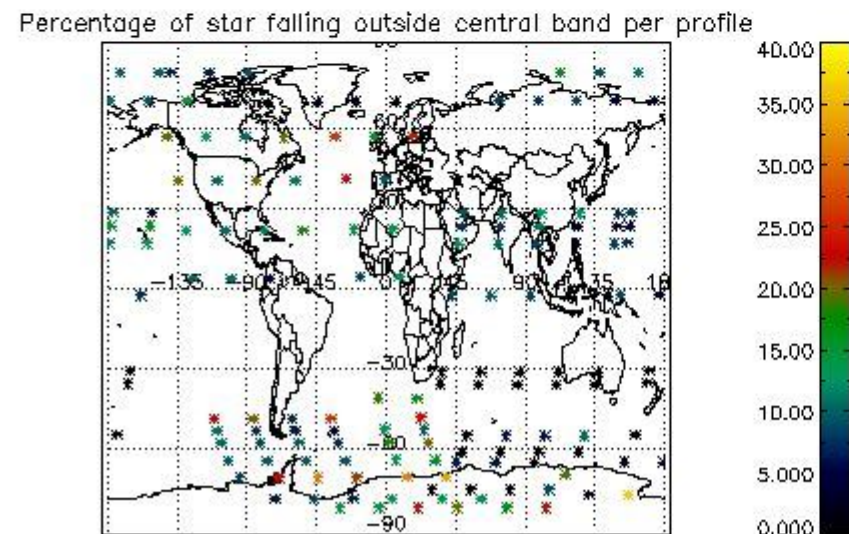
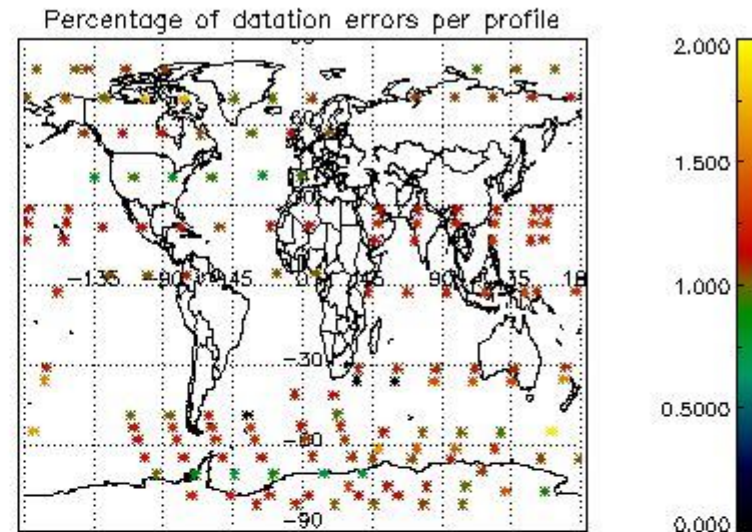
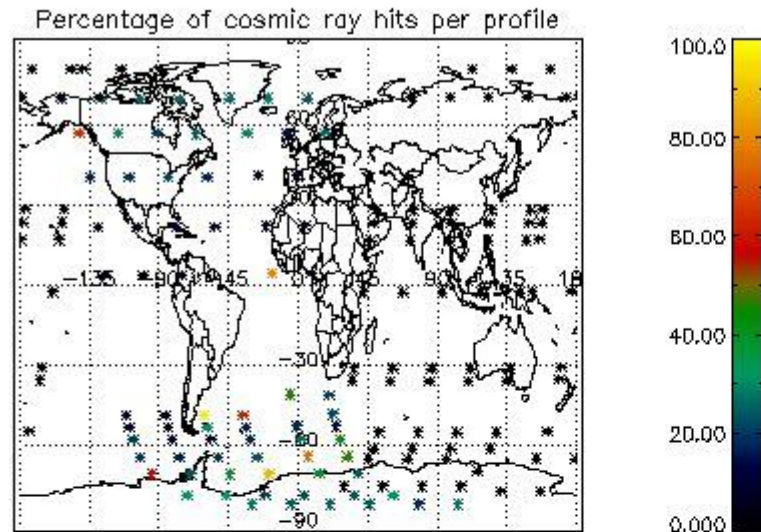
At least one measurement with demodulation flag set:	35.4430 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)





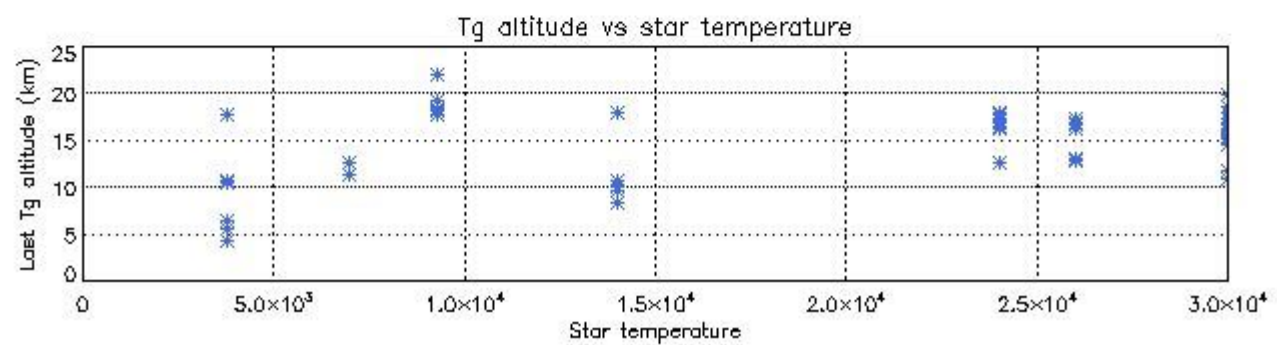
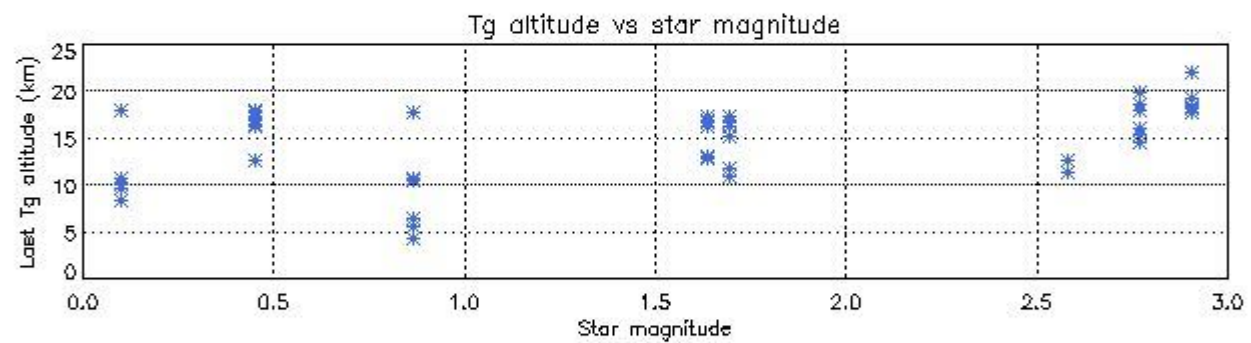
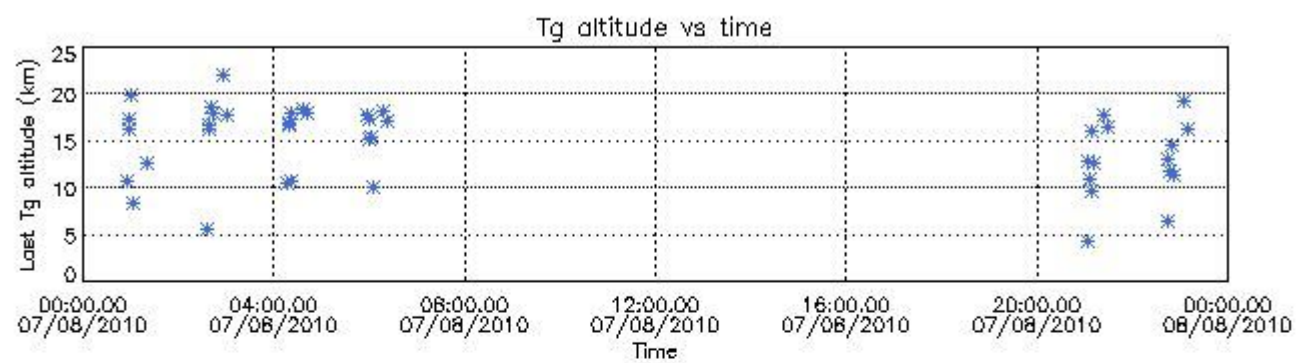
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.596	21.595	NaN
St. deviation:	4.1037	8.0449	NaN
Maximum:	22.069	49.862	NaN
Minimum:	4.3691	3.7951	NaN
Number of data:	42.000	81.000	NaN

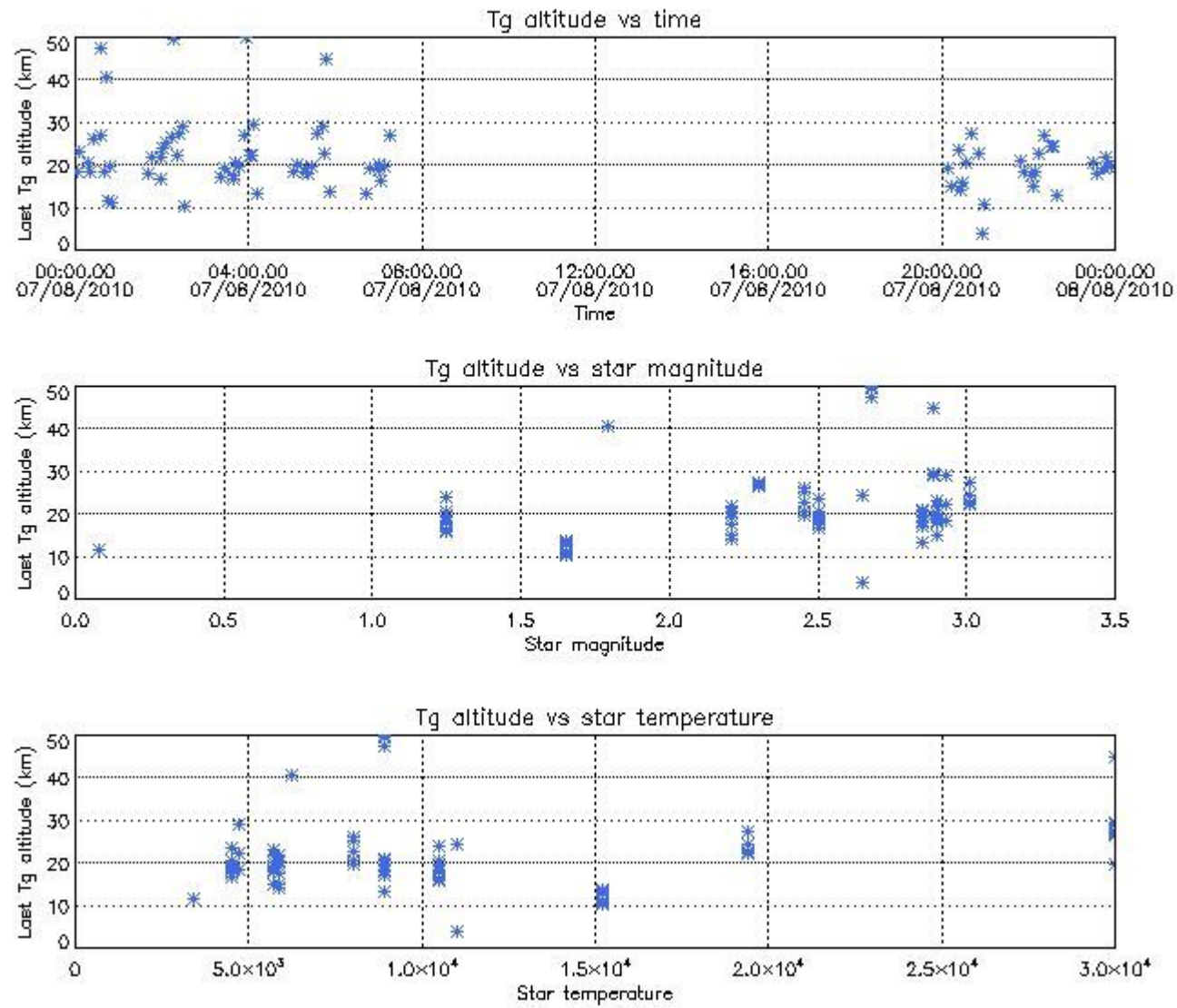
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost



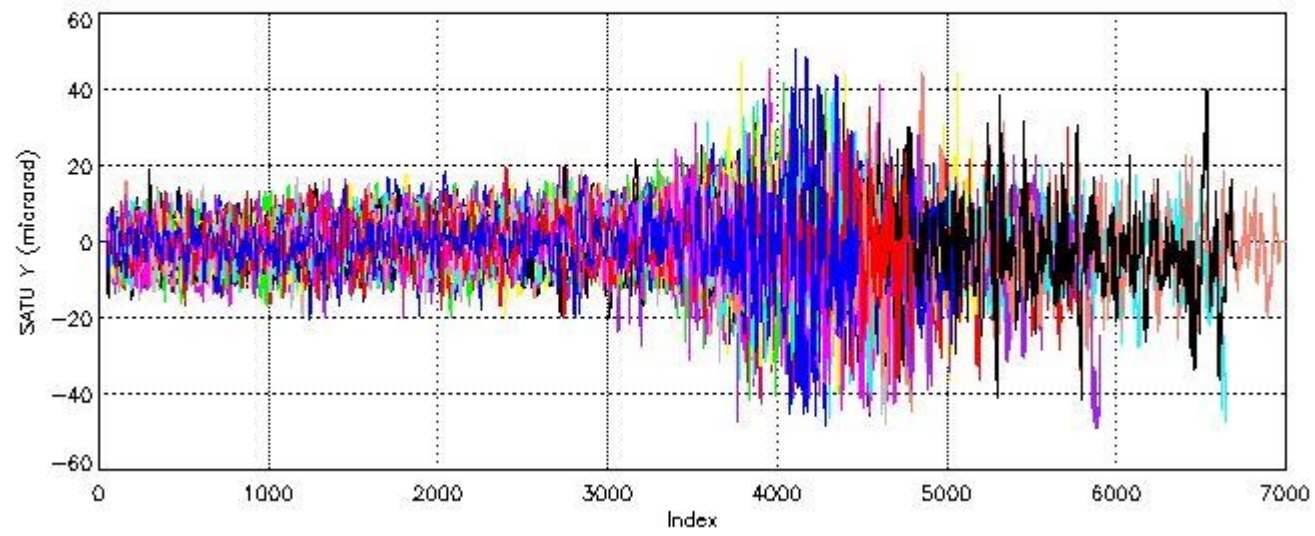
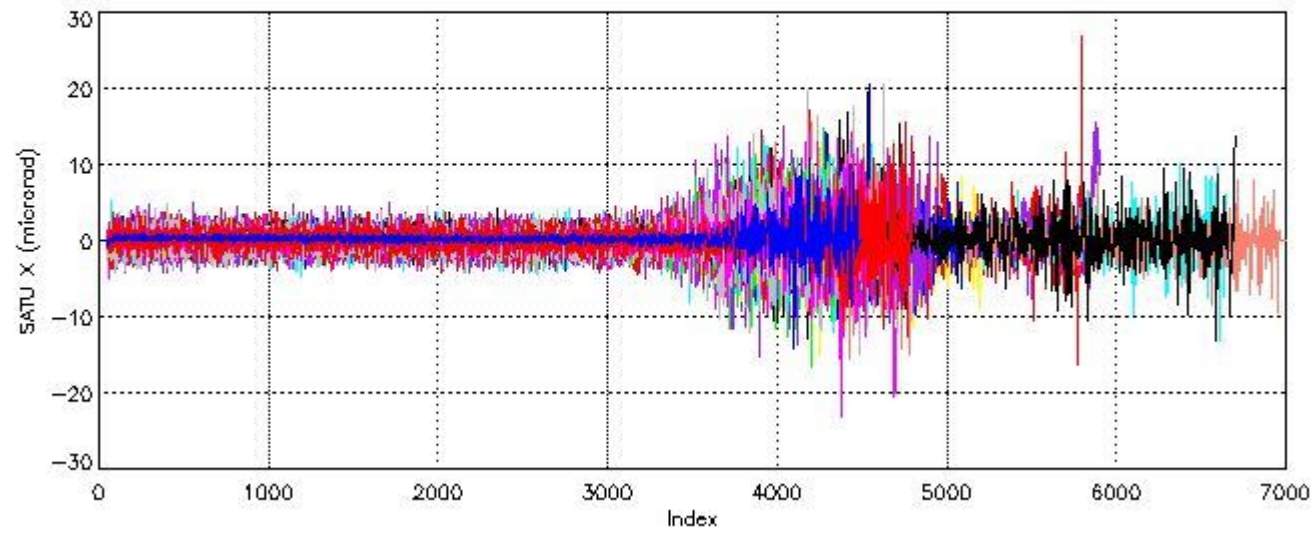
## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.16337	-1.1483	0.24013	-0.85387
St. deviation:	0.60297	4.2078	0.86572	4.2686
Maximum:	5.3000	19.100	5.9000	22.500
Minimum:	-5.1000	-17.200	-5.3000	-20.600

Number of data:	42550.	42550.	85650.	85650.
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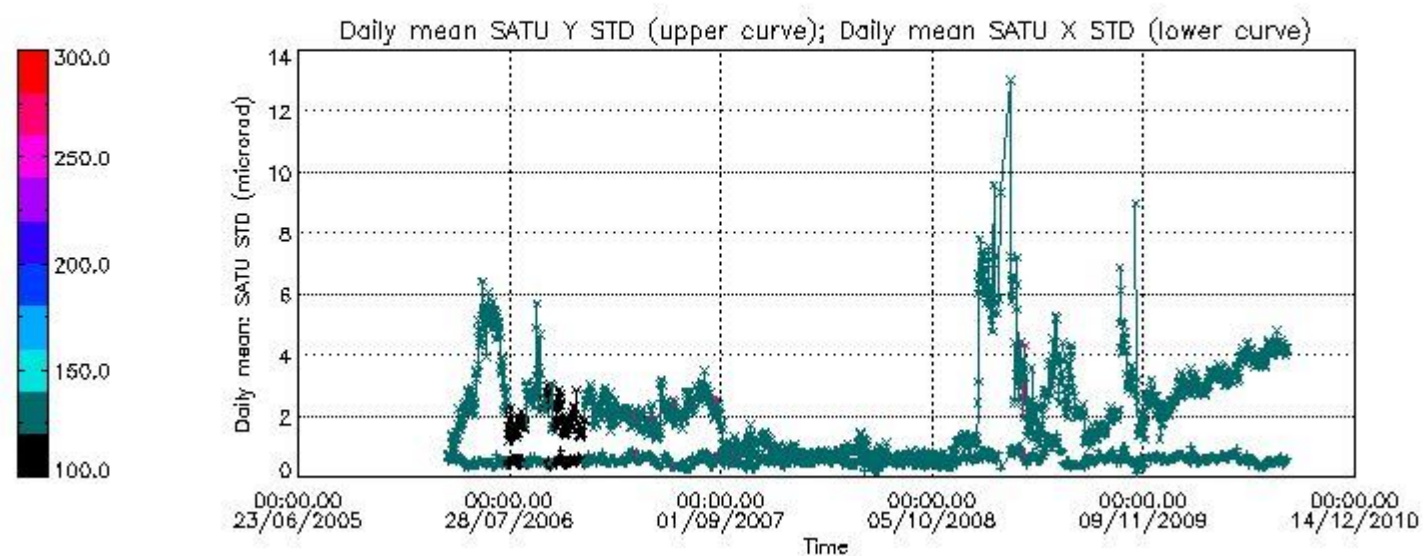
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

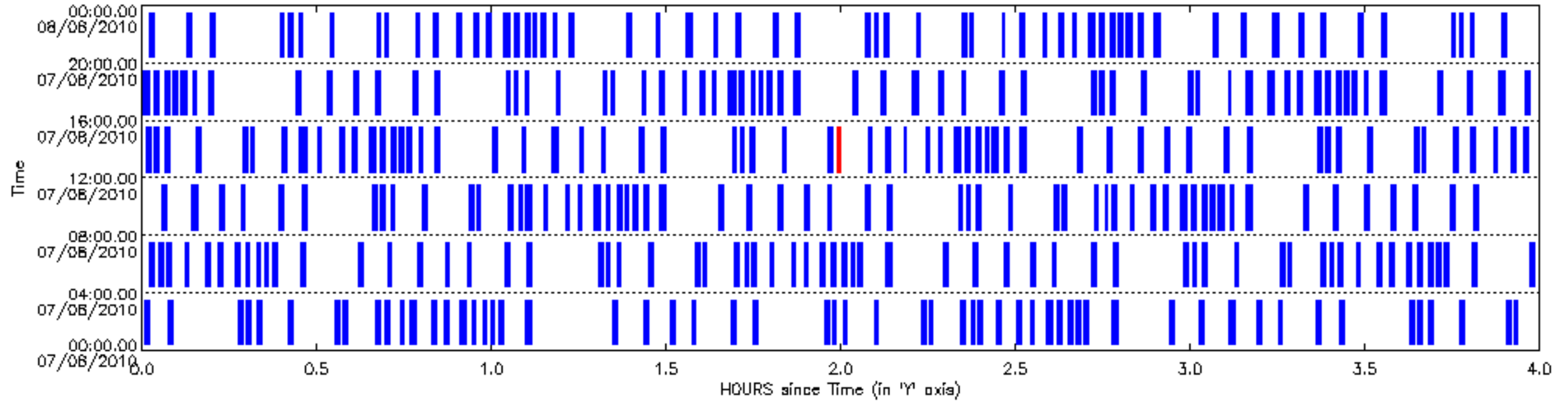
Lower curve: STD of SATU X axis



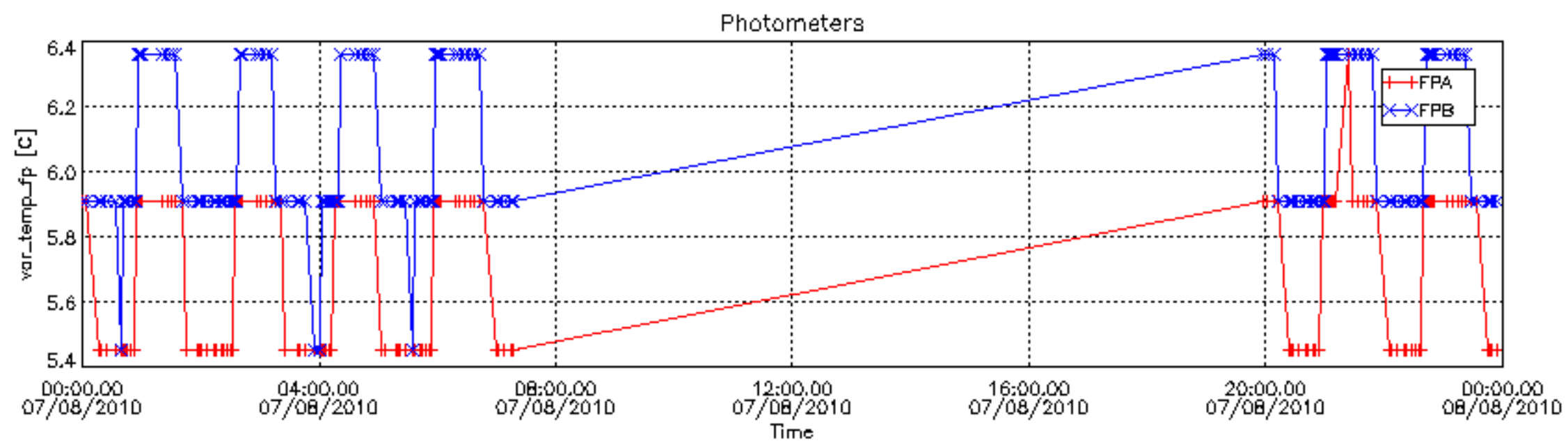
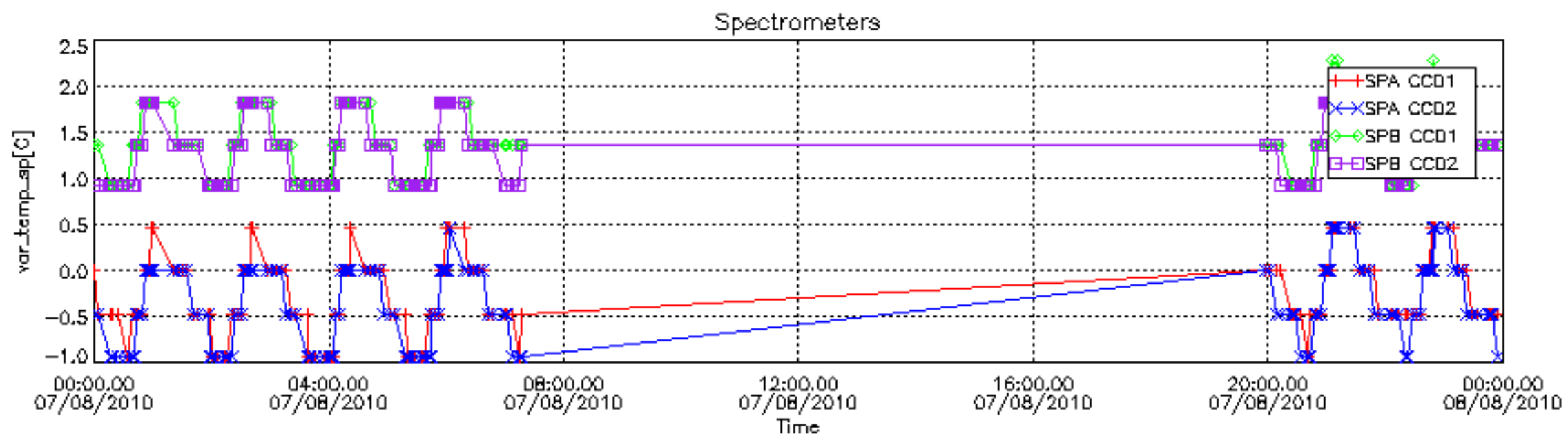
### 8. Auxiliary Data Files used for the production reported in section 2.4

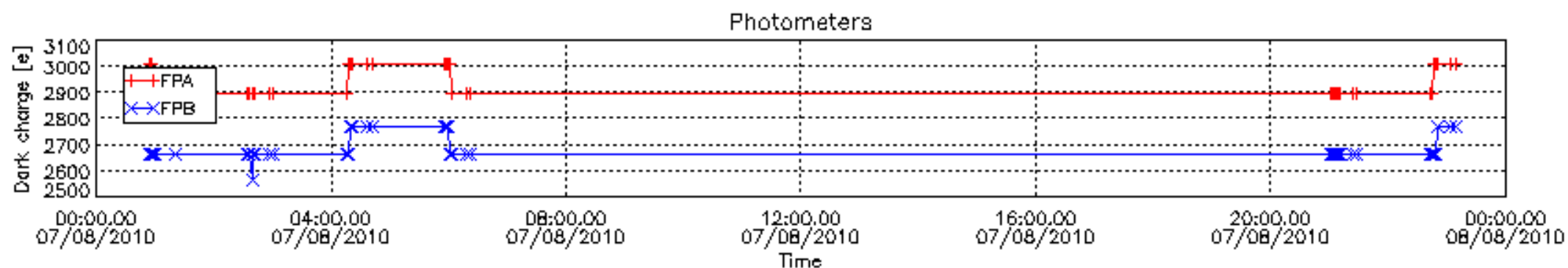
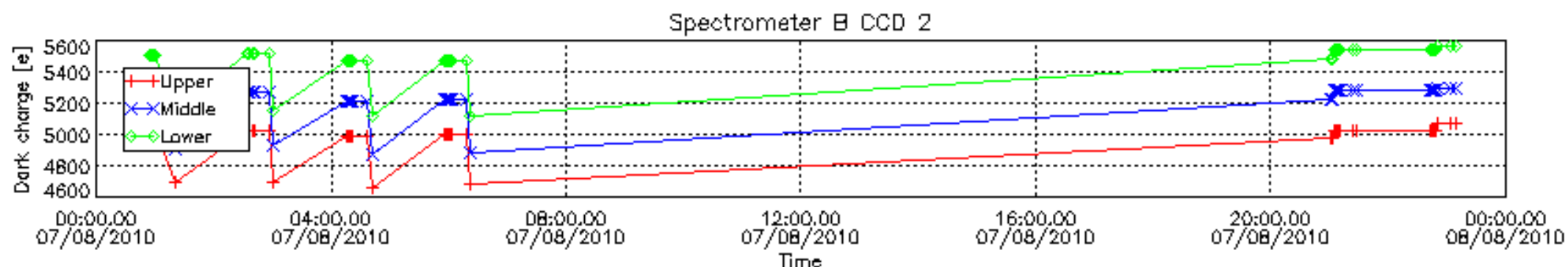
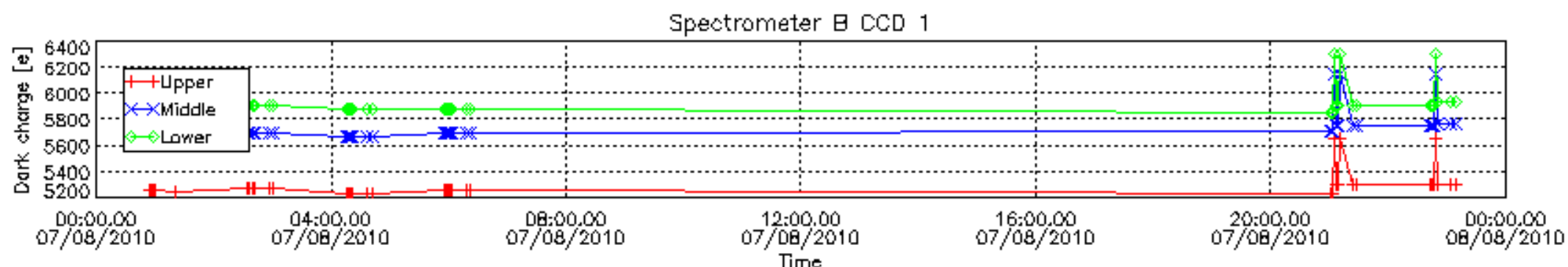
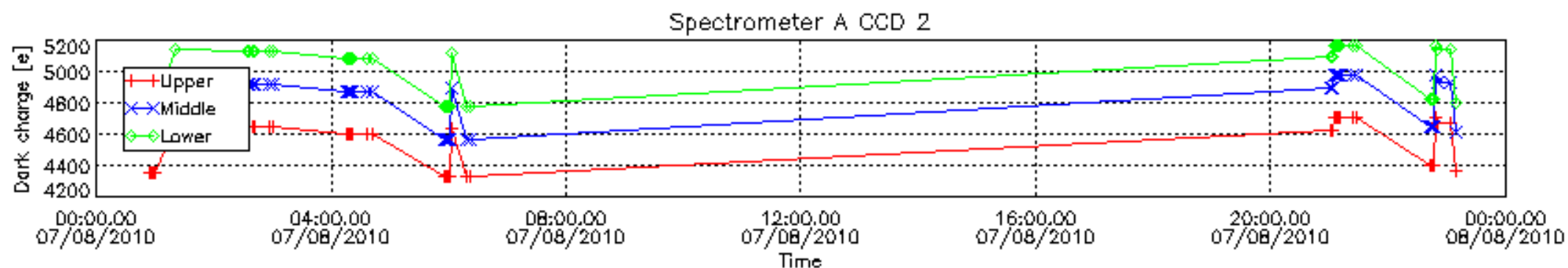
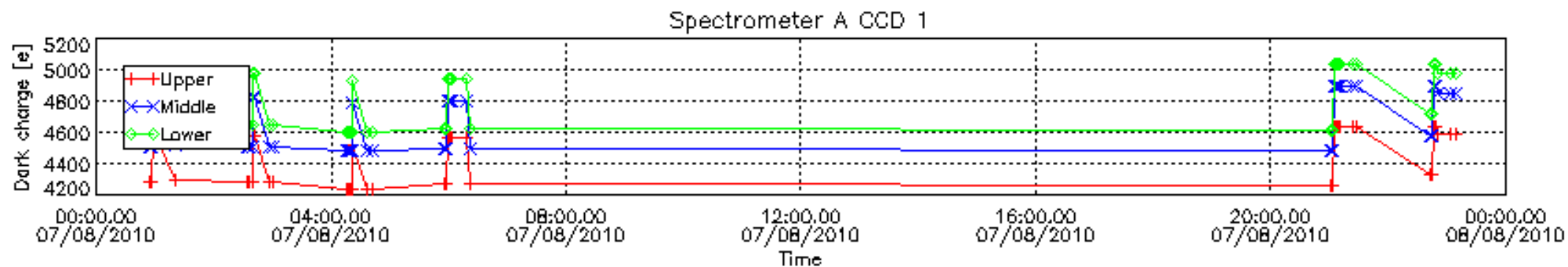
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

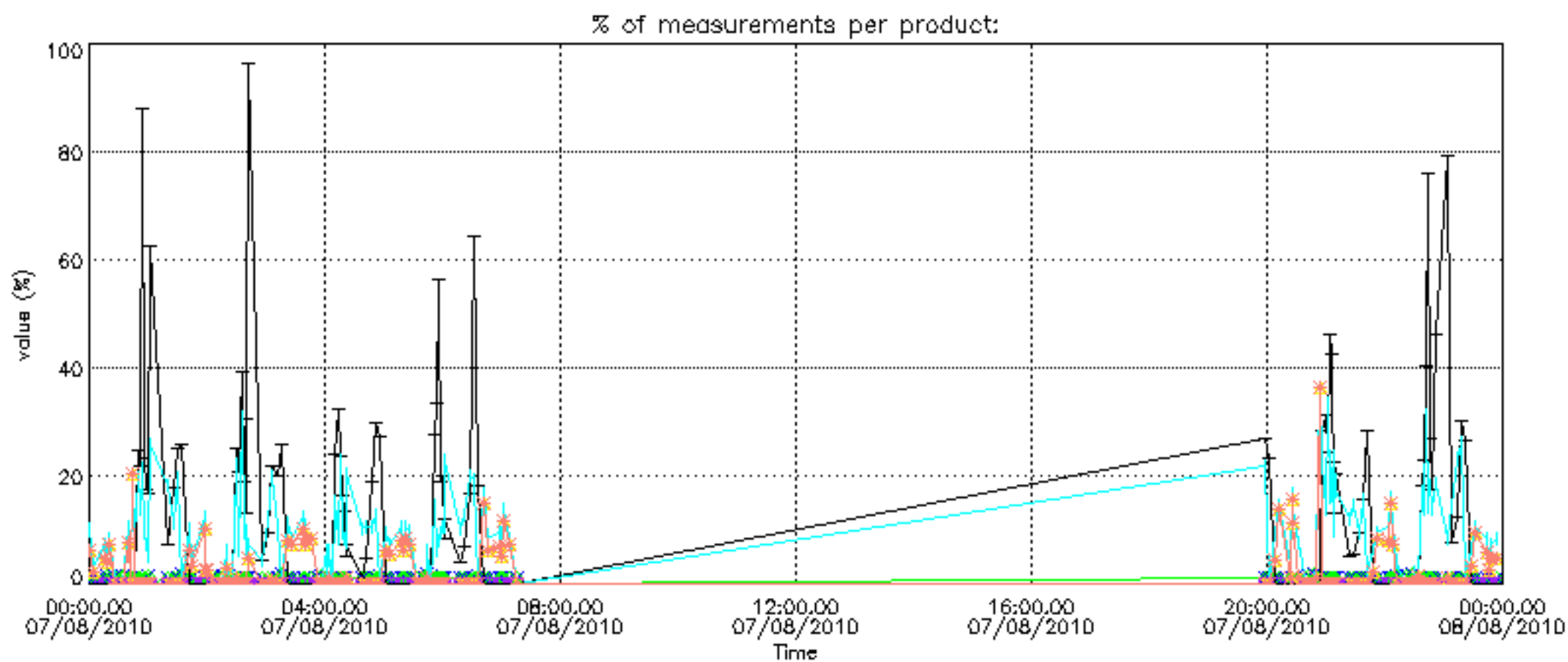
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LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	07-AUG-2010 00:00:30
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	07-AUG-2010 00:00:30
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	07-AUG-2010 00:00:30
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ECMWF_FILE	AUX_ECF_AXNECM20100806_172113_20100807_030000_20100807_150000	53	07-AUG-2010 03:46:23
ECMWF_FILE	AUX_ECA_AXNECM20100807_052114_20100806_210000_20100807_090000	80	07-AUG-2010 05:41:46
ECMWF_FILE	AUX_ECF_AXNECM20100807_054116_20100807_150000_20100808_030000	104	07-AUG-2010 19:57:29
ECMWF_FILE	AUX_ECF_AXNECM20100807_054116_20100807_210000_20100808_090000	121	07-AUG-2010 21:05:45
OPTIONAL_ECMWF_FILE	MISSING	1	07-AUG-2010 00:00:30
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ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100806_092113_20100805_190402_20100815_203016	53	07-AUG-2010 03:46:23
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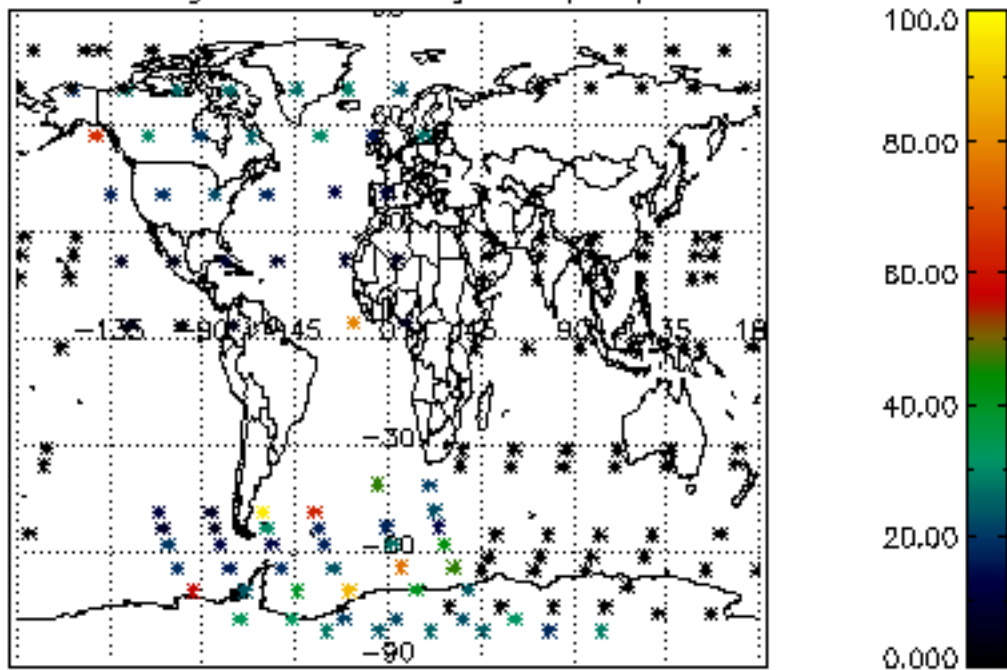




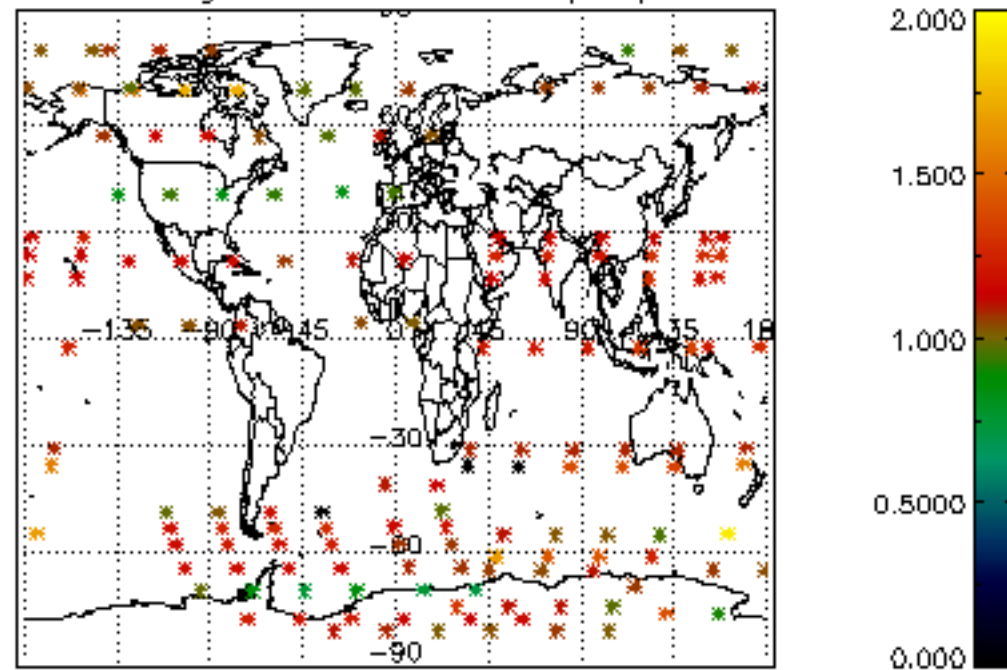




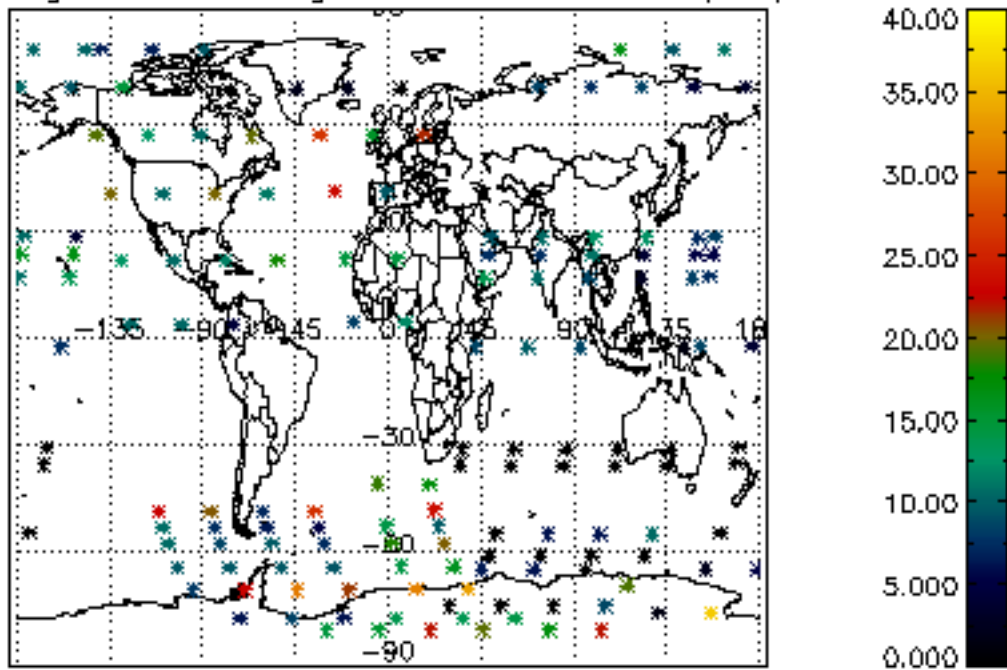
Percentage of cosmic ray hits per profile



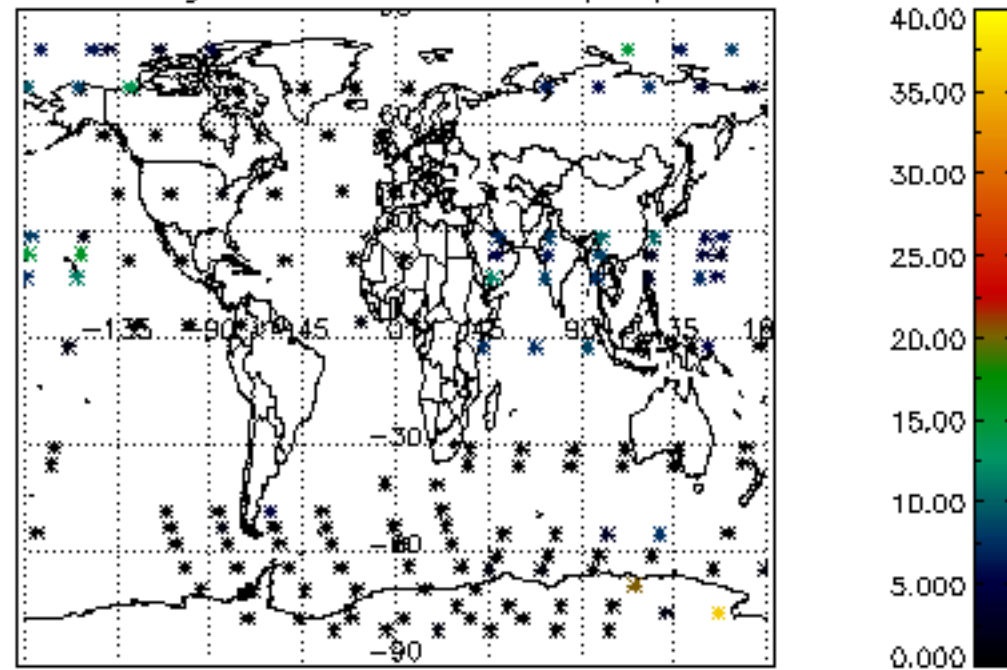
Percentage of datation errors per profile



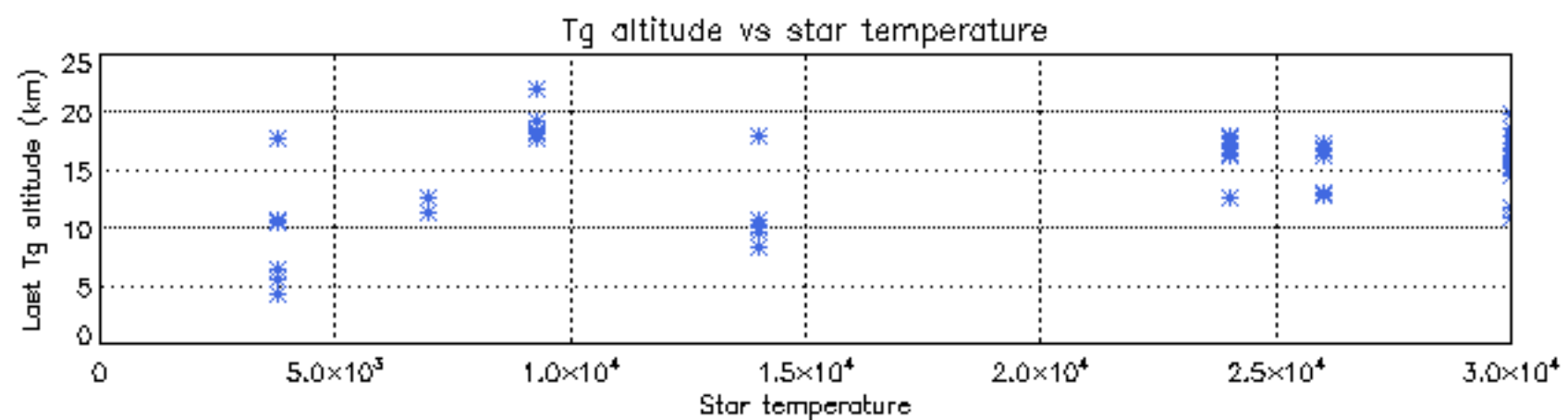
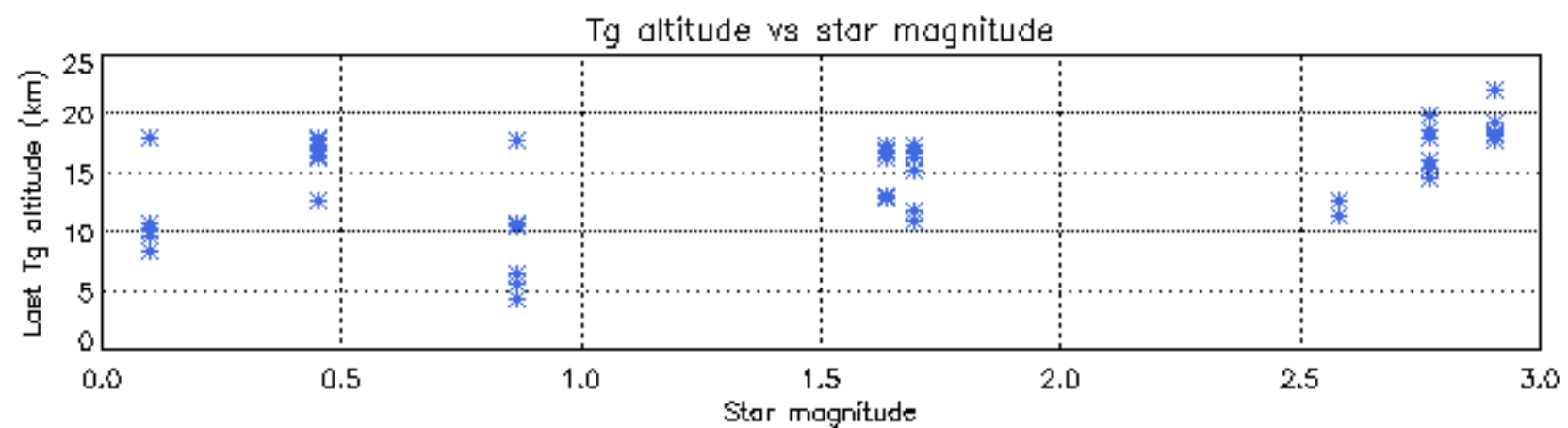
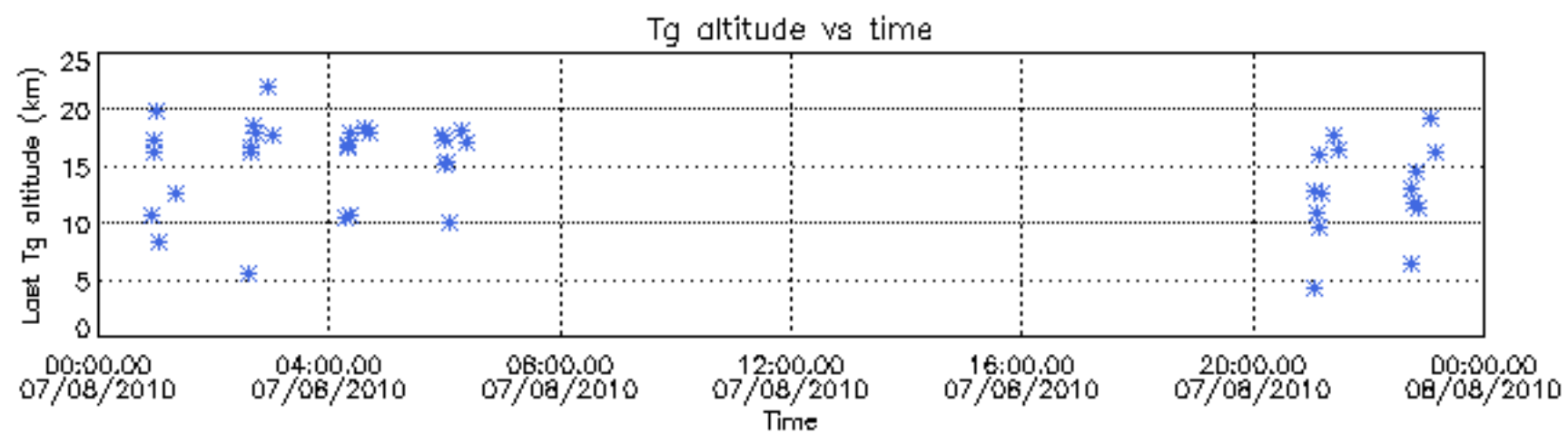
Percentage of star falling outside central band per profile



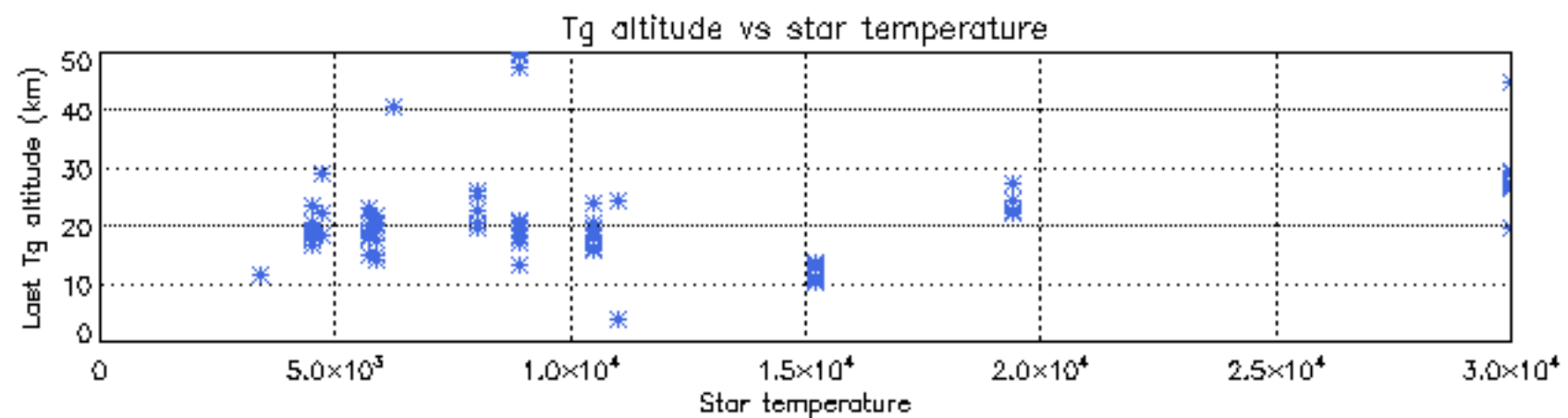
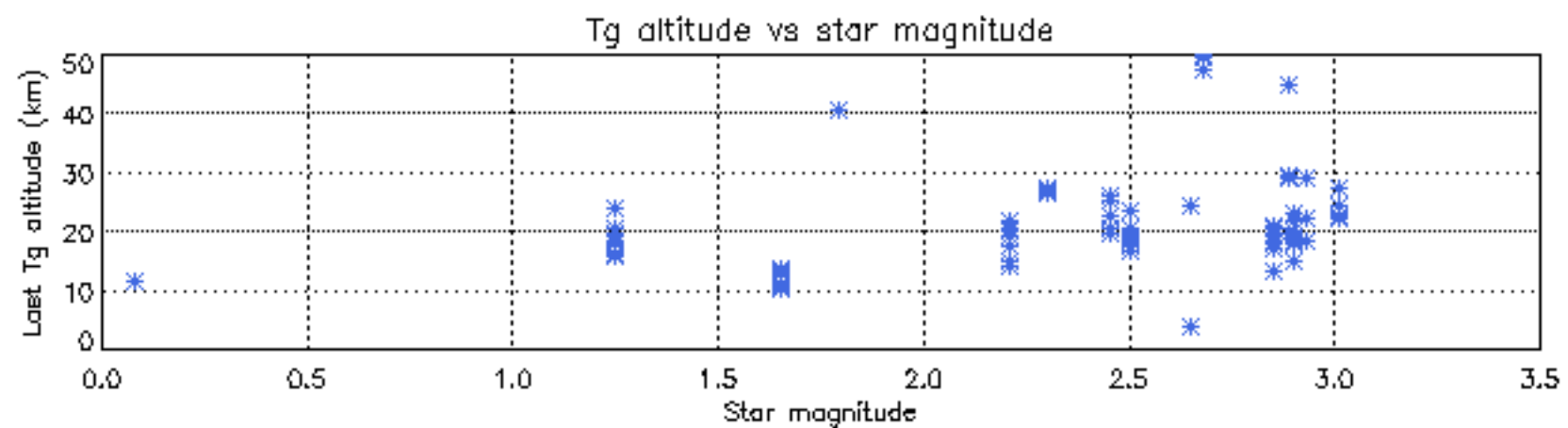
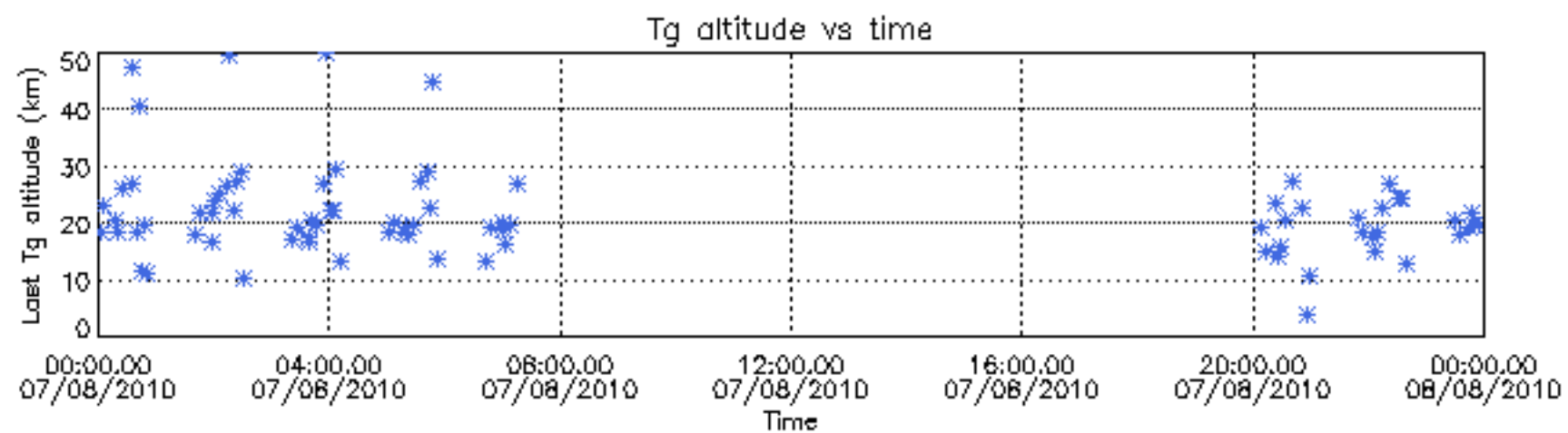
Percentage of saturation errors per profile



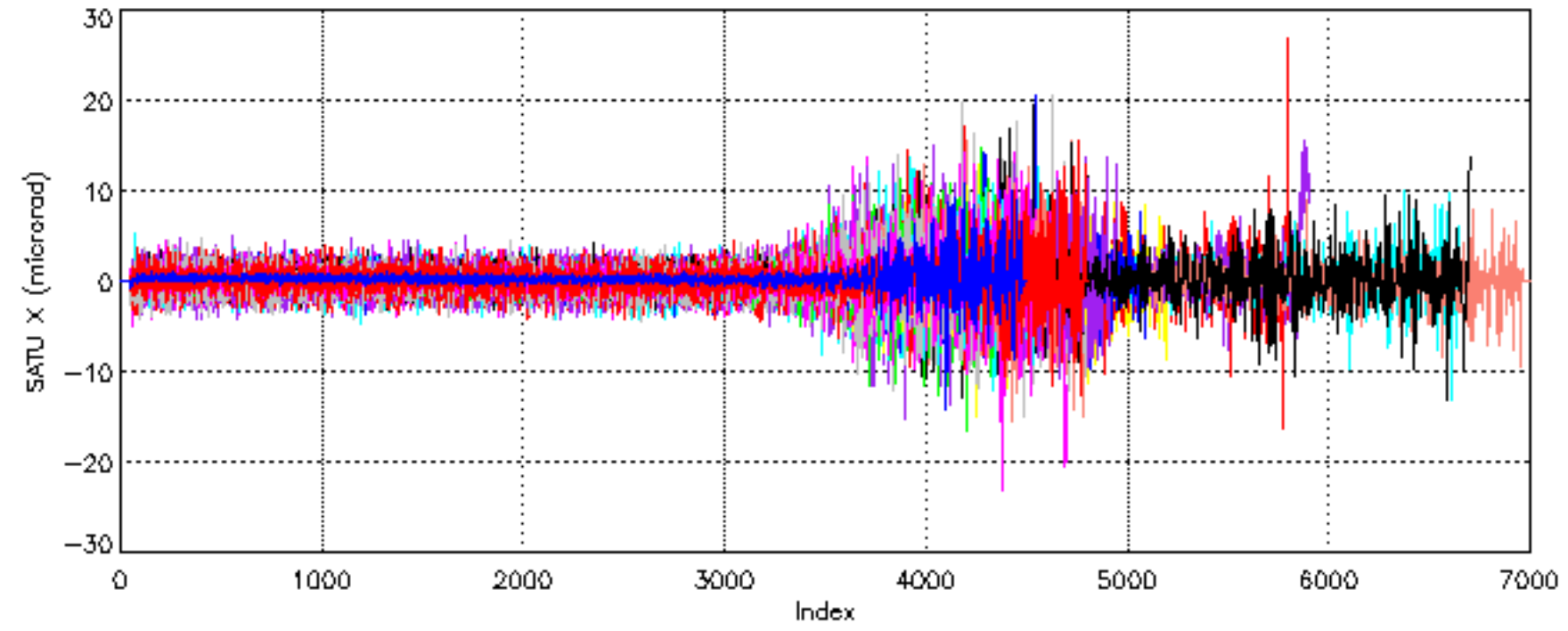
Tangent altitude at which the star is lost

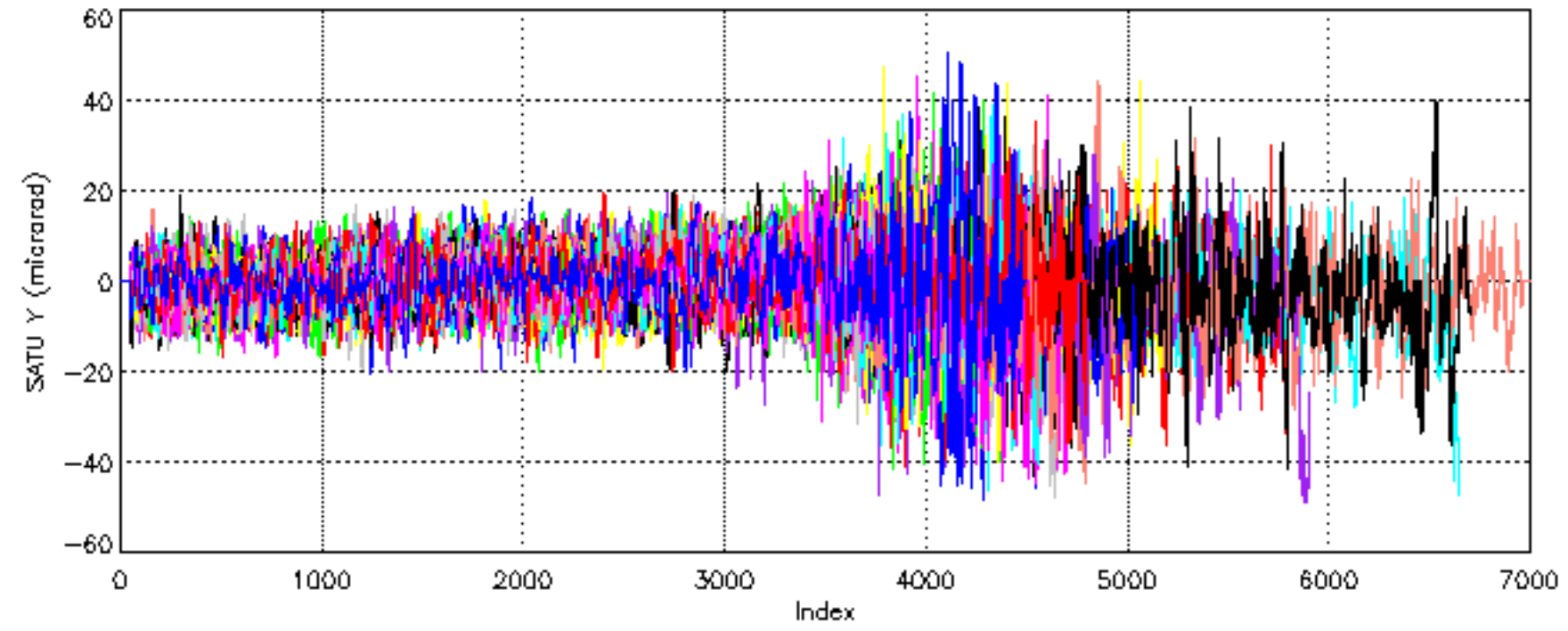


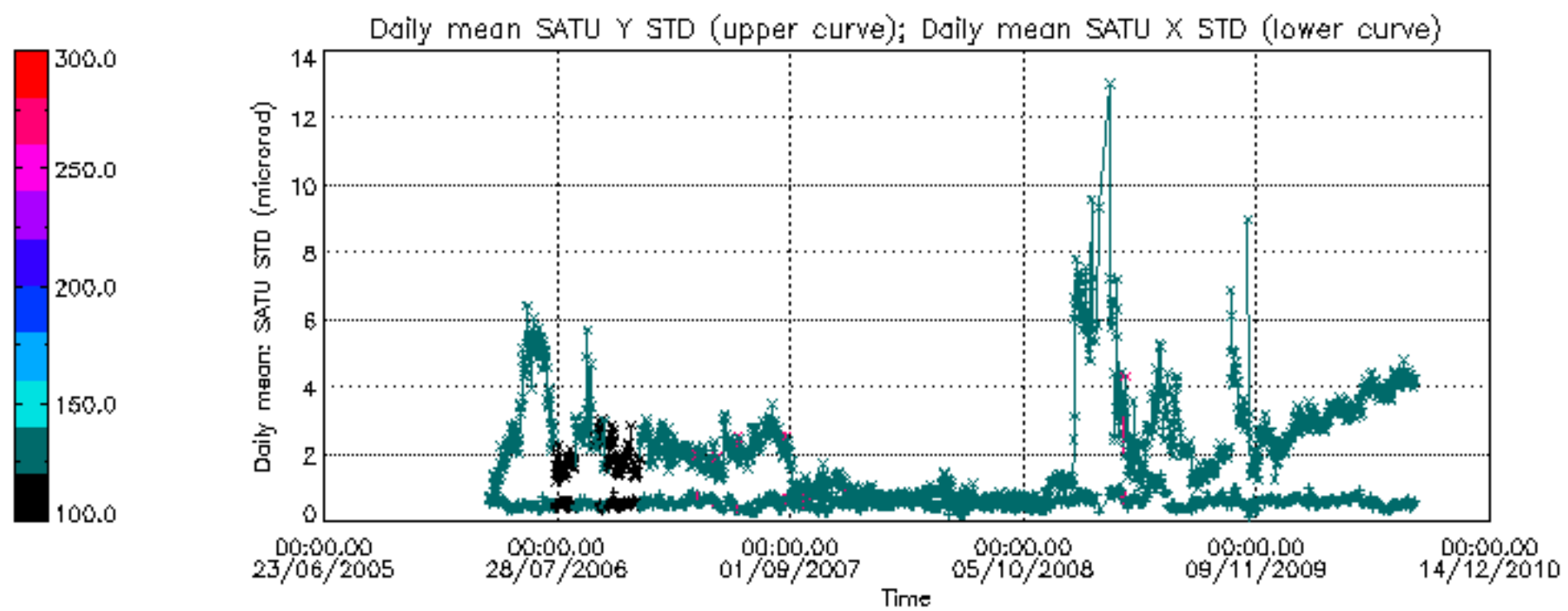
Tangent altitude at which the star is lost











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 7; 3060.4; 06-AUG-2010 14:21:38; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44095
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10; 3948.9; 06-AUG-2010 14:36:26; Bright; 49.5; 160; 23Gam Per ; 2.93; 4700;occ; 99; 0;44095
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12; 4200.6; 06-AUG-2010 14:40:38; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;44095
13; 4311.3; 06-AUG-2010 14:42:29; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;44095
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17; 4937.7; 06-AUG-2010 14:52:55; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;44095
18; 5053.2; 06-AUG-2010 14:54:51; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44095
19; 5134.5; 06-AUG-2010 14:56:12; Dark ; 41.5; 125; 44Iot Ori ; 2.77; 30000;occ; 83; 0;44095
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23; 6396.1; 06-AUG-2010 15:17:13; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44096
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 7; 3542.5; 06-AUG-2010 16:10:16; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44096
 8; 3621.6; 06-AUG-2010 16:11:35; Bright; 39.0; 110; 37Del Cas ; 2.68; 8900;occ; 78; 0;44096

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 13; 4527.5; 06-AUG-2010 16:26:41; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44096  
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 23; 6709.4; 06-AUG-2010 17:03:03; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44097  
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 25; 7178.4; 06-AUG-2010 17:10:52; Dark ; 42.0; 172; Gam Gru ; 3.00; 13100;occ; 84; 0;44097

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 7; 3059.8; 06-AUG-2010 17:42:49; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44097  
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 13; 4311.1; 06-AUG-2010 18:03:40; Bright; 50.5; 149; 45Eps Per ; 2.89; 30000;occ; 101; 0;44097  
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 17; 4938.8; 06-AUG-2010 18:14:08; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44097  
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 19; 5135.3; 06-AUG-2010 18:17:25; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44097  
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 21; 5497.6; 06-AUG-2010 18:23:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44097  
 22; 6091.4; 06-AUG-2010 18:33:21; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;44098  
 23; 6397.3; 06-AUG-2010 18:38:27; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44098  
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 7; 953.2; 06-AUG-2010 02:02:19; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;44088  
 8; 1138.7; 06-AUG-2010 02:05:25; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;44088  
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 3; 1809.9; 06-AUG-2010 20:43:11; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44099  
 4; 2542.7; 06-AUG-2010 20:55:24; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44099  
 5; 2624.1; 06-AUG-2010 20:56:45; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44099  
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 11; 2732.5; 06-AUG-2010 22:39:10; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44100  
 12; 3058.7; 06-AUG-2010 22:44:36; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44100  
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 23; 5055.2; 06-AUG-2010 23:17:52; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44100  
 24; 5136.3; 06-AUG-2010 23:19:13; Dark ; 38.5; 125; 44Iot Ori ; 2.77; 30000;occ; 77; 0;44100  
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13; 4356.4; 07-AUG-2010 20:54:01; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44113
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3; 1806.7; 08-AUG-2010 16:18:42; Bright; 47.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 95; 0;44125
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 9; 4199.4; 09-AUG-2010 11:25:10; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;44136  
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 13; 4842.5; 09-AUG-2010 11:35:53; Dark ; 68.0; 13; 87Alp Tau ; 0.87; 3800;occ; 136; 0;44136  
 14; 4955.3; 09-AUG-2010 11:37:46; Dark ; 47.5; 27; 24Gam Ori ; 1.64; 26000;occ; 95; 0;44136  
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 13; 4842.9; 09-AUG-2010 13:16:29; Dark ; 64.5; 13; 87Alp Tau ; 0.87; 3800;occ; 129; 0;44137  
 14; 4955.8; 09-AUG-2010 13:18:22; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;44137  
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 16; 5153.8; 09-AUG-2010 13:21:40; Dark ; 43.5; 125; 44Iot Ori ; 2.77; 30000;occ; 87; 0;44137  
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 22; 6749.3; 09-AUG-2010 13:48:16; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44138  
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 3; 2528.5; 09-AUG-2010 14:18:31; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44138  
 4; 2614.2; 09-AUG-2010 14:19:57; Bright; 41.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 82; 0;44138  
 5; 2719.4; 09-AUG-2010 14:21:42; Bright; 42.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 85; 0;44138  
 6; 3045.5; 09-AUG-2010 14:27:08; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44138  
 7; 3511.4; 09-AUG-2010 14:34:54; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44138  
 8; 4109.8; 09-AUG-2010 14:44:52; Bright; 29.0; 175; 39Del Per ; 3.01; 19400;occ; 58; 0;44138  
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 10; 4358.9; 09-AUG-2010 14:49:01; Bright; 54.0; 107; 37The Aur ; 2.65; 11000;occ; 108; 0;44138  
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 12; 4667.1; 09-AUG-2010 14:54:10; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;44138  
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 4; 2528.3; 09-AUG-2010 15:59:07; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44139  
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 8; 3510.8; 09-AUG-2010 16:15:29; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44139  
 9; 4109.5; 09-AUG-2010 16:25:28; Bright; 29.0; 175; 39Del Per ; 3.01; 19400;occ; 58; 0;44139  
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9; -786.5; 11-AUG-2010 05:37:38; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;44161  
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11; -501.1; 11-AUG-2010 05:42:24; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44161  
12; 125.0; 11-AUG-2010 05:52:50; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;44162  
13; 405.7; 11-AUG-2010 05:57:31; Dark ; 48.0; 9; Alp Eri ; 0.45; 24000;occ; 96; 0;44162  
14; 735.4; 11-AUG-2010 06:03:00; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44162  
15; 985.7; 11-AUG-2010 06:07:11; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;44162  
16; 1217.9; 11-AUG-2010 06:11:03; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44162  
17; 1583.7; 11-AUG-2010 06:17:09; Bright; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44162  
18; 1803.3; 11-AUG-2010 06:20:48; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44162  
19; 2141.8; 11-AUG-2010 06:26:27; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;44162  
20; 2520.9; 11-AUG-2010 06:32:46; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44162  
21; 2608.8; 11-AUG-2010 06:34:14; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44162  
22; 2712.4; 11-AUG-2010 06:35:57; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44162  
23; 3037.5; 11-AUG-2010 06:41:22; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44162  
24; 3363.2; 11-AUG-2010 06:46:48; Bright; 35.0; 74; 11Bet Cas ; 2.27; 6600;occ; 70; 0;44162  
25; 3493.7; 11-AUG-2010 06:48:59; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;44162

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2; 1222.4; 11-AUG-2010 21:16:31; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44171  
3; 1584.6; 11-AUG-2010 21:22:33; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44171  
4; 1802.6; 11-AUG-2010 21:26:11; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44171  
5; 2137.9; 11-AUG-2010 21:31:46; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;44171  
6; 2518.0; 11-AUG-2010 21:38:06; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44171  
7; 2607.1; 11-AUG-2010 21:39:35; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;44171  
8; 2709.8; 11-AUG-2010 21:41:18; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44171  
9; 3034.5; 11-AUG-2010 21:46:43; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44171  
10; 3356.1; 11-AUG-2010 21:52:04; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44171  
11; 3486.9; 11-AUG-2010 21:54:15; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;44171  
12; 4197.7; 11-AUG-2010 22:06:06; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;44171  
13; 4361.7; 11-AUG-2010 22:08:50; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44171  
14; 4540.5; 11-AUG-2010 22:11:49; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44171  
15; 4675.7; 11-AUG-2010 22:14:04; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44171  
16; 4862.1; 11-AUG-2010 22:17:10; Dark ; 33.0; 13; 87Alp Tau ; 0.87; 3800;occ; 66; 0;44171  
17; 4972.1; 11-AUG-2010 22:19:01; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;44171  
18; 5087.8; 11-AUG-2010 22:20:56; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;44171  
19; 5171.0; 11-AUG-2010 22:22:19; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44171  
20; 5255.8; 11-AUG-2010 22:23:44; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;44171

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3; -494.7; 11-AUG-2010 22:28:30; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44171  
4; 136.3; 11-AUG-2010 22:39:01; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;44172  
5; 412.4; 11-AUG-2010 22:43:37; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44172  
6; 744.6; 11-AUG-2010 22:49:09; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44172  
7; 989.9; 11-AUG-2010 22:53:14; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;44172  
8; 1222.9; 11-AUG-2010 22:57:07; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;44172  
9; 1584.8; 11-AUG-2010 23:03:09; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44172  
10; 1802.6; 11-AUG-2010 23:06:47; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44172  
11; 2137.1; 11-AUG-2010 23:12:21; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;44172  
12; 2517.7; 11-AUG-2010 23:18:42; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44172  
13; 2606.9; 11-AUG-2010 23:20:11; Bright; 35.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 70; 0;44172  
14; 2709.5; 11-AUG-2010 23:21:54; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44172  
15; 3034.2; 11-AUG-2010 23:27:18; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44172  
16; 3355.2; 11-AUG-2010 23:32:39; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;44172  
17; 3485.9; 11-AUG-2010 23:34:50; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;44172  
18; 4197.6; 11-AUG-2010 23:46:42; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;44172  
19; 4361.5; 11-AUG-2010 23:49:26; Bright; 56.0; 107; 37The Aur ; 2.65; 11000;occ; 112; 0;44172  
20; 4540.7; 11-AUG-2010 23:52:25; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;44172  
21; 4676.1; 11-AUG-2010 23:54:40; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;44172  
22; 4906.4; 11-AUG-2010 23:58:31; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;44172  
23; 5088.6; 12-AUG-2010 00:01:33; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44172  
24; 5171.3; 12-AUG-2010 00:02:56; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44172  
25; 5256.4; 12-AUG-2010 00:04:21; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;44172  
26; 5375.1; 12-AUG-2010 00:06:19; Dark ; 2.0; 101; 11Alp Lep ; 2.58; 7000;occ; 4; 0;44172

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4;-1362.7; 11-AUG-2010 07:08:38; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44162
5;-1178.9; 11-AUG-2010 07:11:42; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 0;44162
6;-1068.3; 11-AUG-2010 07:13:33; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;44162
7; -952.6; 11-AUG-2010 07:15:28; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44162
8; -869.7; 11-AUG-2010 07:16:51; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44162
9; -786.0; 11-AUG-2010 07:18:15; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;44162
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12; 125.8; 11-AUG-2010 07:33:27; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44163
13; 406.3; 11-AUG-2010 07:38:07; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44163
14; 736.5; 11-AUG-2010 07:43:37; Dark ; 58.5; 84; Alp Phe ; 2.40; 4500;occ; 117; 0;44163
15; 986.4; 11-AUG-2010 07:47:47; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44163
16; 1218.5; 11-AUG-2010 07:51:39; Dark ; 63.0; 18; 24Alp PsA ; 1.17; 9700;occ; 126; 0;44163
17; 1583.9; 11-AUG-2010 07:57:45; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44163
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3; 2520.5; 11-AUG-2010 08:13:21; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44163
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
6; 3037.2; 11-AUG-2010 08:21:58; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 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
10; 4360.9; 11-AUG-2010 08:44:02; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;44163
11; 4539.2; 11-AUG-2010 08:47:00; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;44163
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
14; 4968.0; 11-AUG-2010 08:54:09; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;44163
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
17; 5250.5; 11-AUG-2010 08:58:51; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44163
18; 5370.1; 11-AUG-2010 09:00:51; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 0;44163
19; 5536.1; 11-AUG-2010 09:03:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44163
20; 6163.4; 11-AUG-2010 09:14:04; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;44164
21; 6442.9; 11-AUG-2010 09:18:44; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44164
22; 6773.4; 11-AUG-2010 09:24:14; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;44164
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24; 7255.1; 11-AUG-2010 09:32:16; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;44164
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3; 2520.3; 11-AUG-2010 09:53:57; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44164
4; 2608.7; 11-AUG-2010 09:55:26; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44164
5; 2711.7; 11-AUG-2010 09:57:08; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44164
6; 3036.9; 11-AUG-2010 10:02:34; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44164
7; 3361.9; 11-AUG-2010 10:07:59; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44164
8; 3492.4; 11-AUG-2010 10:10:09; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44164
9; 4198.2; 11-AUG-2010 10:21:55; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;44164
10; 4361.0; 11-AUG-2010 10:24:38; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;44164
11; 4539.5; 11-AUG-2010 10:27:36; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;44164
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13; 4858.1; 11-AUG-2010 10:32:55; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44164
14; 4968.6; 11-AUG-2010 10:34:45; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;44164
15; 5084.2; 11-AUG-2010 10:36:41; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44164
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17; 5251.2; 11-AUG-2010 10:39:28; Dark ; 58.0; 7; 19Bet Ori ; 0.10; 14000;occ; 116; 0;44164
18; 5370.9; 11-AUG-2010 10:41:28; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44164
19; 5536.7; 11-AUG-2010 10:44:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 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
22; 6774.1; 11-AUG-2010 11:04:51; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44165
23; 7023.1; 11-AUG-2010 11:09:00; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;44165
24; 7255.4; 11-AUG-2010 11:12:52; Dark ; 61.0; 18; 24Alp PsA ; 1.17; 9700;occ; 122; 0;44165
25; 7619.8; 11-AUG-2010 11:18:57; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44165

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 3; 2519.7; 11-AUG-2010 11:34:32; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44165  
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 5; 2711.4; 11-AUG-2010 11:37:44; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44165  
 6; 3036.4; 11-AUG-2010 11:43:09; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44165  
 7; 3361.1; 11-AUG-2010 11:48:34; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44165  
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 13; 4858.7; 11-AUG-2010 12:13:31; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44165  
 14; 4969.2; 11-AUG-2010 12:15:22; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;44165  
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 16; 5167.9; 11-AUG-2010 12:18:41; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44165  
 17; 5251.7; 11-AUG-2010 12:20:04; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;44165  
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 22; 6774.9; 11-AUG-2010 12:45:28; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44166  
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 24; 7256.0; 11-AUG-2010 12:53:29; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;44166  
 25; 7620.2; 11-AUG-2010 12:59:33; Bright; 16.0; 142; 49Del Cap ; 2.85; 8900;occ; 32; 0;44166

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 3; 2139.8; 11-AUG-2010 13:08:48; Bright; 51.0; 61; 8Eps Peg ; 2.10; 3900;occ; 102; 0;44166  
 4; 2519.4; 11-AUG-2010 13:15:08; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44166  
 5; 2608.3; 11-AUG-2010 13:16:37; Bright; 36.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 72; 0;44166  
 6; 2711.1; 11-AUG-2010 13:18:20; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;44166  
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 8; 3360.1; 11-AUG-2010 13:29:09; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44166  
 9; 3490.5; 11-AUG-2010 13:31:19; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;44166  
 10; 4198.1; 11-AUG-2010 13:43:07; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44166  
 11; 4361.5; 11-AUG-2010 13:45:50; Bright; 56.0; 107; 37The Aur ; 2.65; 11000;occ; 112; 0;44166  
 12; 4539.8; 11-AUG-2010 13:48:48; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44166  
 13; 4674.7; 11-AUG-2010 13:51:03; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44166  
 14; 4859.6; 11-AUG-2010 13:54:08; Dark ; 50.0; 13; 87Alp Tau ; 0.87; 3800;occ; 100; 0;44166  
 15; 4969.8; 11-AUG-2010 13:55:58; Dark ; 49.0; 27; 24Gam Ori ; 1.64; 26000;occ; 98; 0;44166  
 16; 5085.3; 11-AUG-2010 13:57:54; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44166  
 17; 5168.3; 11-AUG-2010 13:59:17; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;44166  
 18; 5252.5; 11-AUG-2010 14:00:41; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 0;44166  
 19; 5371.9; 11-AUG-2010 14:02:40; Dark ; 42.5; 101; 11Alp Lep ; 2.58; 7000;occ; 85; 0;44166  
 20; 5538.0; 11-AUG-2010 14:05:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44166  
 21; 6166.7; 11-AUG-2010 14:15:55; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44167  
 22; 6444.8; 11-AUG-2010 14:20:33; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44167  
 23; 6776.1; 11-AUG-2010 14:26:05; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44167  
 24; 7023.9; 11-AUG-2010 14:30:12; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;44167  
 25; 7256.5; 11-AUG-2010 14:34:05; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;44167

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 3; 2139.6; 11-AUG-2010 14:49:24; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;44167  
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 5; 2608.2; 11-AUG-2010 14:57:13; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44167  
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 9; 3490.1; 11-AUG-2010 15:11:55; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44167  
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 13; 4675.0; 11-AUG-2010 15:31:39; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;44167  
 14; 4859.9; 11-AUG-2010 15:34:44; Dark ; 50.0; 13; 87Alp Tau ; 0.87; 3800;occ; 100; 0;44167  
 15; 4970.3; 11-AUG-2010 15:36:35; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;44167

16; 5086.1; 11-AUG-2010 15:38:31; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;44167  
 17; 5169.1; 11-AUG-2010 15:39:54; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44167  
 18; 5253.3; 11-AUG-2010 15:41:18; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;44167  
 19; 5372.8; 11-AUG-2010 15:43:17; Dark ; 42.0; 101; 11Alp Lep ; 2.58; 7000;occ; 84; 0;44167  
 20; 5538.7; 11-AUG-2010 15:46:03; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44167  
 21; 6168.1; 11-AUG-2010 15:56:33; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44168  
 22; 6445.8; 11-AUG-2010 16:01:10; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44168  
 23; 6776.9; 11-AUG-2010 16:06:41; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;44168  
 24; 7024.4; 11-AUG-2010 16:10:49; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;44168  
 25; 7256.7; 11-AUG-2010 16:14:41; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;44168

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 3; 1803.1; 11-AUG-2010 16:24:23; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44168  
 4; 2139.3; 11-AUG-2010 16:30:00; Bright; 50.5; 61; 8Eps Peg ; 2.10; 3900;occ; 101; 0;44168  
 5; 2518.9; 11-AUG-2010 16:36:19; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44168  
 6; 2607.7; 11-AUG-2010 16:37:48; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44168  
 7; 2710.7; 11-AUG-2010 16:39:31; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44168  
 8; 3035.7; 11-AUG-2010 16:44:56; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44168  
 9; 3358.9; 11-AUG-2010 16:50:19; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44168  
 10; 3489.3; 11-AUG-2010 16:52:30; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;44168  
 11; 4198.2; 11-AUG-2010 17:04:19; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;44168  
 12; 4361.6; 11-AUG-2010 17:07:02; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;44168  
 13; 4540.0; 11-AUG-2010 17:10:00; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;44168  
 14; 4675.3; 11-AUG-2010 17:12:16; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;44168  
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 16; 4970.7; 11-AUG-2010 17:17:11; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;44168  
 17; 5086.5; 11-AUG-2010 17:19:07; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;44168  
 18; 5169.6; 11-AUG-2010 17:20:30; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44168  
 19; 5254.0; 11-AUG-2010 17:21:54; Dark ; 51.0; 7; 19Bet Ori ; 0.10; 14000;occ; 102; 0;44168  
 20; 5373.0; 11-AUG-2010 17:23:53; Dark ; 43.0; 101; 11Alp Lep ; 2.58; 7000;occ; 86; 0;44168  
 21; 5539.4; 11-AUG-2010 17:26:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44168  
 22; 6168.9; 11-AUG-2010 17:37:09; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44169  
 23; 6446.6; 11-AUG-2010 17:41:47; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44169  
 24; 6778.3; 11-AUG-2010 17:47:19; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;44169  
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 3; 1584.5; 11-AUG-2010 18:01:21; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44169  
 4; 1803.0; 11-AUG-2010 18:04:59; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44169  
 5; 2138.8; 11-AUG-2010 18:10:35; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;44169  
 6; 2518.5; 11-AUG-2010 18:16:55; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44169  
 7; 2607.4; 11-AUG-2010 18:18:24; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44169  
 8; 2710.4; 11-AUG-2010 18:20:07; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44169  
 9; 3035.2; 11-AUG-2010 18:25:32; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;44169  
 10; 3358.0; 11-AUG-2010 18:30:54; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44169  
 11; 3488.6; 11-AUG-2010 18:33:05; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44169  
 12; 4197.8; 11-AUG-2010 18:44:54; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44169  
 13; 4361.4; 11-AUG-2010 18:47:38; Bright; 49.5; 107; 37The Aur ; 2.65; 11000;occ; 99; 0;44169  
 14; 4540.2; 11-AUG-2010 18:50:37; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;44169  
 15; 4675.5; 11-AUG-2010 18:52:52; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;44169  
 16; 4861.1; 11-AUG-2010 18:55:58; Dark ; 42.0; 13; 87Alp Tau ; 0.87; 3800;occ; 84; 0;44169  
 17; 4971.3; 11-AUG-2010 18:57:48; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;44169  
 18; 5086.8; 11-AUG-2010 18:59:43; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;44169  
 19; 5170.0; 11-AUG-2010 19:01:06; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44169  
 20; 5254.6; 11-AUG-2010 19:02:31; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;44169  
 21; 5373.6; 11-AUG-2010 19:04:30; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44169  
 22; 5540.0; 11-AUG-2010 19:07:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44169  
 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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 3; 1584.6; 11-AUG-2010 19:41:57; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44170  
 4; 1803.0; 11-AUG-2010 19:45:35; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44170  
 5; 2138.1; 11-AUG-2010 19:51:11; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;44170

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7; 2607.5; 11-AUG-2010 19:59:00; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44170
8; 2709.8; 11-AUG-2010 20:00:42; Bright; 44.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 88; 0;44170
9; 3034.7; 11-AUG-2010 20:06:07; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44170
10; 3357.2; 11-AUG-2010 20:11:30; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44170
11; 3487.7; 11-AUG-2010 20:13:40; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44170
12; 4197.7; 11-AUG-2010 20:25:30; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44170
13; 4361.9; 11-AUG-2010 20:28:14; Bright; 56.0; 107; 37The Aur ; 2.65; 11000;occ; 112; 0;44170
14; 4540.5; 11-AUG-2010 20:31:13; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;44170
15; 4675.5; 11-AUG-2010 20:33:28; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44170
16; 4861.5; 11-AUG-2010 20:36:34; Dark ; 33.0; 13; 87Alp Tau ; 0.87; 3800;occ; 66; 0;44170
17; 4971.7; 11-AUG-2010 20:38:24; Dark ; 51.0; 27; 24Gam Ori ; 1.64; 26000;occ; 102; 0;44170
18; 5087.4; 11-AUG-2010 20:40:20; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;44170
19; 5170.4; 11-AUG-2010 20:41:43; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;44170
20; 5255.6; 11-AUG-2010 20:43:08; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;44170
21; 5374.2; 11-AUG-2010 20:45:07; Dark ; 45.5; 101; 11Alp Lep ; 2.58; 7000;occ; 91; 0;44170
22; 5540.6; 11-AUG-2010 20:47:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44170
23; 6170.9; 11-AUG-2010 20:58:23; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44171
24; 6448.1; 11-AUG-2010 21:03:01; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44171
25; 6779.8; 11-AUG-2010 21:08:32; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44171
26; 7025.4; 11-AUG-2010 21:12:38; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;44171
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3; 137.1; 12-AUG-2010 00:19:37; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44173
4; 413.2; 12-AUG-2010 00:24:13; Dark ; 49.0; 9; Alp Eri ; 0.45; 24000;occ; 98; 0;44173
5; 745.6; 12-AUG-2010 00:29:46; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;44173
6; 990.2; 12-AUG-2010 00:33:50; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;44173
7; 1223.2; 12-AUG-2010 00:37:43; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44173
8; 1584.8; 12-AUG-2010 00:43:45; Bright; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44173
9; 1802.5; 12-AUG-2010 00:47:23; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44173
10; 2136.9; 12-AUG-2010 00:52:57; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;44173
11; 2517.5; 12-AUG-2010 00:59:18; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44173
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13; 2709.0; 12-AUG-2010 01:02:29; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44173
14; 3033.9; 12-AUG-2010 01:07:54; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44173
15; 3354.4; 12-AUG-2010 01:13:14; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;44173
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17; 4197.5; 12-AUG-2010 01:27:18; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;44173
18; 4361.6; 12-AUG-2010 01:30:02; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;44173
19; 4541.0; 12-AUG-2010 01:33:01; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;44173
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21; 4906.9; 12-AUG-2010 01:39:07; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;44173
22; 5088.9; 12-AUG-2010 01:42:09; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;44173
23; 5172.0; 12-AUG-2010 01:43:32; Dark ; 18.0; 125; 44Iot Ori ; 2.77; 30000;occ; 36; 0;44173
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3; -660.0; 12-AUG-2010 01:46:56; Dark ; 42.0; 101; 11Alp Lep ; 2.58; 7000;occ; 84; 0;44173
4; -493.4; 12-AUG-2010 01:49:43; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44173
5; 138.4; 12-AUG-2010 02:00:14; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44174
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 8; 4195.4; 14-AUG-2010 12:08:13; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44208  
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 2; 1925.4; 15-AUG-2010 12:39:22; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;44223
 3; 2117.9; 15-AUG-2010 12:42:34; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;44223
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 5; 2504.9; 15-AUG-2010 16:10:13; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44225  
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 8; 3018.9; 15-AUG-2010 16:18:47; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44225  
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 4; 1800.2; 15-AUG-2010 17:39:05; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;44226  
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 4; 2494.9; 19-AUG-2010 12:22:59; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44280
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13; 4370.5; 19-AUG-2010 19:36:39; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;44284
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7; 4957.0; 20-AUG-2010 04:09:25; Dark ; 44.5; 14; 58Alp Ori ; 0.87; 3000;occ; 89; 0;44289
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23; 8529.7; 20-AUG-2010 05:08:57; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44290
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26; 9038.7; 20-AUG-2010 05:17:26; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44290
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12; 276.4; 20-AUG-2010 06:12:36; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44291  
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21; 2493.5; 20-AUG-2010 06:49:33; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44291  
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5; 1798.8; 20-AUG-2010 20:02:46; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44299  
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9; 499.9; 20-AUG-2010 21:21:43; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44300  
10; 852.2; 20-AUG-2010 21:27:35; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44300  
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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23; 4566.1; 20-AUG-2010 22:29:29; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;44300  
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28; 5254.1; 20-AUG-2010 22:40:57; Dark ; 48.5; 125; 44Tot Ori ; 2.77; 30000;occ; 97; 0;44300

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4; 288.2; 20-AUG-2010 22:58:47; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44301
5; 500.4; 20-AUG-2010 23:02:19; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44301
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7; 992.6; 20-AUG-2010 23:10:31; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;44301
8; 1277.6; 20-AUG-2010 23:15:16; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44301
9; 1598.9; 20-AUG-2010 23:20:38; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;44301
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15; 5047.2; 20-AUG-2010 17:35:42; Dark ; 56.0; 27; 24Gam Ori ; 1.64; 26000;occ; 112; 0;44297
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13; 4565.7; 20-AUG-2010 19:08:17; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44298  
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22; 6321.8; 20-AUG-2010 19:37:33; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44299  
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6; 290.8; 21-AUG-2010 02:20:01; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44303  
7; 501.9; 21-AUG-2010 02:23:33; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44303  
8; 854.5; 21-AUG-2010 02:29:25; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;44303  
9; 993.8; 21-AUG-2010 02:31:44; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44303  
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12; 1798.9; 21-AUG-2010 02:45:10; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44303  
13; 1909.0; 21-AUG-2010 02:47:00; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44303  
14; 2095.6; 21-AUG-2010 02:50:06; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44303  
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13; 503.2; 21-AUG-2010 05:44:46; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44305
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 3; 1908.1; 21-AUG-2010 14:31:10; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44310
 4; 2094.1; 21-AUG-2010 14:34:16; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44310
 5; 2491.1; 21-AUG-2010 14:40:53; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44310
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 8; 3248.8; 21-AUG-2010 14:53:31; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44310
 9; 4185.1; 21-AUG-2010 15:09:07; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44310
10; 4371.9; 21-AUG-2010 15:12:14; Bright; 61.0; 107; 37The Aur ; 2.65; 11000;occ; 122; 0;44310
11; 4643.6; 21-AUG-2010 15:16:46; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;44310
12; 4741.4; 21-AUG-2010 15:18:23; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;44310
13; 4967.9; 21-AUG-2010 15:22:10; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44310
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23; 7033.0; 21-AUG-2010 15:56:35; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44311
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 5; 2093.6; 21-AUG-2010 16:14:52; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44311
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 9; 3248.3; 21-AUG-2010 16:34:06; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44311
10; 4184.9; 21-AUG-2010 16:49:43; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44311
11; 4372.2; 21-AUG-2010 16:52:50; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44311
12; 4643.7; 21-AUG-2010 16:57:22; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44311
13; 4741.5; 21-AUG-2010 16:59:00; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44311

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 23; 6897.2; 21-AUG-2010 17:34:55; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44312  
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 18; 5263.4; 21-AUG-2010 18:48:17; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44312  
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 22; 6338.8; 21-AUG-2010 19:06:13; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44313  
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 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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 23; 6545.2; 21-AUG-2010 20:50:15; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44314  
 24; 6898.4; 21-AUG-2010 20:56:09; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44314  
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 5; 2682.1; 22-AUG-2010 09:10:39; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44321  
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 19; 6351.3; 22-AUG-2010 11:52:25; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44323  
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 21; 6905.6; 22-AUG-2010 12:01:39; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44323  
 22; 7037.7; 22-AUG-2010 12:03:51; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44323  
 23; 7321.6; 22-AUG-2010 12:08:35; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44323  
 24; 7637.3; 22-AUG-2010 12:13:51; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44323

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 8; 3238.9; 22-AUG-2010 12:41:08; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44323  
 9; 4183.2; 22-AUG-2010 12:56:52; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;44323  
 10; 4372.8; 22-AUG-2010 13:00:02; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;44323  
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 16; 5272.3; 22-AUG-2010 13:15:01; Dark ; 51.5; 125; 44Iot Ori ; 2.77; 30000;occ; 103; 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  
 23; 7037.7; 22-AUG-2010 13:44:27; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;44324  
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 2; 1799.4; 22-AUG-2010 13:57:44; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44324  
 3; 1905.8; 22-AUG-2010 13:59:31; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44324  
 4; 2091.7; 22-AUG-2010 14:02:37; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44324  
 5; 2489.7; 22-AUG-2010 14:09:15; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44324  
 6; 2682.1; 22-AUG-2010 14:12:27; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44324  
 7; 2995.5; 22-AUG-2010 14:17:41; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;44324  
 8; 3238.1; 22-AUG-2010 14:21:43; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44324  
 9; 4182.9; 22-AUG-2010 14:37:28; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;44324  
 10; 4372.8; 22-AUG-2010 14:40:38; Bright; 61.0; 107; 37The Aur ; 2.65; 11000;occ; 122; 0;44324  
 11; 4571.5; 22-AUG-2010 14:43:57; Dark ; 55.5; 28; 12Bet Tau ; 1.65; 15200;occ; 111; 0;44324  
 12; 4745.1; 22-AUG-2010 14:46:50; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44324  
 13; 4975.3; 22-AUG-2010 14:50:40; Dark ; 54.5; 14; 58Alp Ori ; 0.87; 3000;occ; 109; 0;44324  
 14; 5067.2; 22-AUG-2010 14:52:12; Dark ; 56.5; 27; 24Gam Ori ; 1.64; 26000;occ; 113; 0;44324  
 15; 5184.5; 22-AUG-2010 14:54:10; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44324  
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21; 6552.1; 22-AUG-2010 15:16:57; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44325
22; 6907.0; 22-AUG-2010 15:22:52; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44325
23; 7038.4; 22-AUG-2010 15:25:03; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;44325
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 4; 2091.2; 22-AUG-2010 15:43:12; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44325
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 6; 2681.7; 22-AUG-2010 15:53:03; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44325
 7; 2995.3; 22-AUG-2010 15:58:16; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44325
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 9; 4183.0; 22-AUG-2010 16:18:04; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;44325
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12; 4745.7; 22-AUG-2010 16:27:27; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44325
13; 4975.9; 22-AUG-2010 16:31:17; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;44325
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16; 5274.0; 22-AUG-2010 16:36:15; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44325
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22; 6907.5; 22-AUG-2010 17:03:29; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44326
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 3; 1799.4; 22-AUG-2010 17:18:56; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44326
 4; 1905.8; 22-AUG-2010 17:20:43; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44326
 5; 2091.3; 22-AUG-2010 17:23:48; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44326
 6; 2489.7; 22-AUG-2010 17:30:27; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44326
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11; 4372.8; 22-AUG-2010 18:01:50; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44326
12; 4571.9; 22-AUG-2010 18:05:09; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;44326
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 3; 1602.3; 22-AUG-2010 18:56:15; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44327
 4; 1799.4; 22-AUG-2010 18:59:32; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44327
 5; 1905.4; 22-AUG-2010 19:01:18; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44327
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 8; 2681.4; 22-AUG-2010 19:14:14; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44327
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10; 3236.3; 22-AUG-2010 19:23:29; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;44327
11; 4182.4; 22-AUG-2010 19:39:15; Bright; 66.0; 6; 13Alp Aur ; 0.08; 3400;occ; 132; 0;44327

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3; 325.0; 23-AUG-2010 01:17:22; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;44331
4; 520.4; 23-AUG-2010 01:20:37; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44331
5; 875.2; 23-AUG-2010 01:26:32; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44331
6; 1004.6; 23-AUG-2010 01:28:41; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44331
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33; 7940.9; 23-AUG-2010 03:24:17; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44332
34; 8125.8; 23-AUG-2010 03:27:22; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44332
35; 8524.7; 23-AUG-2010 03:34:01; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44332
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9; 5190.6; 23-AUG-2010 04:19:03; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;44332
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13; 5664.7; 23-AUG-2010 04:26:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44332
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15; 6557.7; 23-AUG-2010 04:41:50; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44333
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23; 8525.0; 23-AUG-2010 05:14:37; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44333
24; 8716.9; 23-AUG-2010 05:17:49; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44333
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 4; -1288.1; 23-AUG-2010 05:52:16; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 0;44333
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12; 329.0; 23-AUG-2010 06:19:13; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44334
13; 522.1; 23-AUG-2010 06:22:27; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44334
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15; 1005.8; 23-AUG-2010 06:30:30; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;44334
16; 1289.4; 23-AUG-2010 06:35:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44334
17; 1602.9; 23-AUG-2010 06:40:27; Dark ; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;44334
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21; 2488.5; 23-AUG-2010 06:55:13; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44334
22; 2680.9; 23-AUG-2010 06:58:25; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44334
23; 2993.4; 23-AUG-2010 07:03:38; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44334
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 6; -961.2; 23-AUG-2010 07:38:19; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44334
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 8; -754.4; 23-AUG-2010 07:41:46; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;44334
 9; -642.1; 23-AUG-2010 07:43:38; Dark ; 75.0; 7; 19Bet Ori ; 0.10; 14000;occ; 150; 0;44334
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11; -369.5; 23-AUG-2010 07:48:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44334
12; 329.9; 23-AUG-2010 07:59:50; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44335
13; 523.1; 23-AUG-2010 08:03:03; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;44335
14; 878.4; 23-AUG-2010 08:08:59; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44335
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
 5; 2680.6; 23-AUG-2010 08:39:01; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44335
 6; 2993.3; 23-AUG-2010 08:44:14; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44335
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 8; 4181.3; 23-AUG-2010 09:04:02; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44335
 9; 4373.6; 23-AUG-2010 09:07:14; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44335
10; 4573.7; 23-AUG-2010 09:10:34; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44335
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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 16; 5394.8; 23-AUG-2010 09:24:15; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;44335  
 17; 5551.5; 23-AUG-2010 09:26:52; Dark ; 49.0; 139; 9Bet Lep ; 2.83; 5600;occ; 98; 0;44335  
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 21; 6914.7; 23-AUG-2010 09:49:35; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44336  
 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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 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  
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 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  
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 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  
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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  
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 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  
 8; 3228.7; 23-AUG-2010 12:09:21; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44337  
 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  
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 15; 5077.3; 23-AUG-2010 12:40:09; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44337  
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 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  
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 21; 6369.5; 23-AUG-2010 13:01:42; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44338  
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 23; 6916.5; 23-AUG-2010 13:10:49; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44338  
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23; 4751.5; 24-AUG-2010 01:59:31; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44345
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7; 530.5; 24-AUG-2010 02:29:46; Dark ; 52.0; 9; Alp Eri ; 0.45; 24000;occ; 104; 0;44346
8; 886.4; 24-AUG-2010 02:35:42; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44346
9; 1010.6; 24-AUG-2010 02:37:46; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 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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 12; 531.8; 24-AUG-2010 05:50:59; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44348  
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 19; 2087.0; 24-AUG-2010 06:16:54; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44348  
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2; 1800.4; 24-AUG-2010 11:13:56; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44351
3; 1902.5; 24-AUG-2010 11:15:38; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44351
4; 2086.5; 24-AUG-2010 11:18:42; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44351
5; 2487.4; 24-AUG-2010 11:25:23; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44351
6; 2679.7; 24-AUG-2010 11:28:35; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44351
7; 2990.4; 24-AUG-2010 11:33:46; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44351

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8; 3218.9; 24-AUG-2010 11:37:34; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44351  
 9; 3351.9; 24-AUG-2010 11:39:47; Bright; 32.0; 76; 27Gam Cas ; 2.30; 30000;occ; 64; 0;44351  
 10; 4178.9; 24-AUG-2010 11:53:34; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;44351  
 11; 4374.1; 24-AUG-2010 11:56:49; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;44351  
 12; 4653.8; 24-AUG-2010 12:01:29; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;44351  
 13; 4753.5; 24-AUG-2010 12:03:09; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44351  
 14; 4990.3; 24-AUG-2010 12:07:05; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44351  
 15; 5206.5; 24-AUG-2010 12:10:42; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44351  
 16; 5314.5; 24-AUG-2010 12:12:30; Dark ; 51.5; 1; 9Alp CMA ; -1.44; 11000;occ; 103; 0;44351  
 17; 5412.1; 24-AUG-2010 12:14:07; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;44351  
 18; 5506.0; 24-AUG-2010 12:15:41; Dark ; 50.0; 101; 11Alp Lep ; 2.58; 7000;occ; 100; 0;44351  
 19; 5682.0; 24-AUG-2010 12:18:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44351  
 20; 6387.0; 24-AUG-2010 12:30:22; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;44352  
 21; 6570.3; 24-AUG-2010 12:33:25; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44352  
 22; 6926.1; 24-AUG-2010 12:39:21; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44352  
 23; 7048.4; 24-AUG-2010 12:41:24; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;44352  
 24; 7331.9; 24-AUG-2010 12:46:07; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44352  
 25; 7641.0; 24-AUG-2010 12:51:16; Dark ; 14.5; 142; 49Del Cap ; 2.85; 8900;occ; 29; 0;44352

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 3; 1902.4; 24-AUG-2010 12:56:13; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44352  
 4; 2086.6; 24-AUG-2010 12:59:18; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44352  
 5; 2487.5; 24-AUG-2010 13:05:58; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44352  
 6; 2679.6; 24-AUG-2010 13:09:11; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44352  
 7; 2990.1; 24-AUG-2010 13:14:21; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44352  
 8; 3217.9; 24-AUG-2010 13:18:09; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44352  
 9; 3351.5; 24-AUG-2010 13:20:23; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;44352  
 10; 4178.8; 24-AUG-2010 13:34:10; Bright; 55.5; 6; 13Alp Aur ; 0.08; 3400;occ; 111; 0;44352  
 11; 4374.4; 24-AUG-2010 13:37:25; Bright; 52.0; 107; 37The Aur ; 2.65; 11000;occ; 104; 0;44352  
 12; 4654.3; 24-AUG-2010 13:42:05; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44352  
 13; 4753.5; 24-AUG-2010 13:43:45; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;44352  
 14; 4990.9; 24-AUG-2010 13:47:42; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;44352  
 15; 5207.4; 24-AUG-2010 13:51:18; Dark ; 56.0; 30; 46Eps Ori ; 1.69; 30000;occ; 112; 0;44352  
 16; 5314.9; 24-AUG-2010 13:53:06; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;44352  
 17; 5413.3; 24-AUG-2010 13:54:44; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;44352  
 18; 5506.9; 24-AUG-2010 13:56:18; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44352  
 19; 5691.0; 24-AUG-2010 13:59:22; Dark ; 50.5; 0; ; 0.00; 0;occ; 101; 0;44352  
 20; 6387.7; 24-AUG-2010 14:10:59; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44353  
 21; 6570.6; 24-AUG-2010 14:14:02; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44353  
 22; 6927.4; 24-AUG-2010 14:19:58; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44353  
 23; 7049.3; 24-AUG-2010 14:22:00; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;44353  
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 3; 1800.2; 24-AUG-2010 16:15:43; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44354  
 4; 1902.1; 24-AUG-2010 16:17:25; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44354  
 5; 2085.9; 24-AUG-2010 16:20:29; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44354  
 6; 2487.4; 24-AUG-2010 16:27:10; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44354  
 7; 2679.3; 24-AUG-2010 16:30:22; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44354  
 8; 2989.9; 24-AUG-2010 16:35:33; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44354  
 9; 3216.8; 24-AUG-2010 16:39:20; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44354  
 10; 3349.8; 24-AUG-2010 16:41:33; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;44354  
 11; 4178.5; 24-AUG-2010 16:55:21; Bright; 62.5; 6; 13Alp Aur ; 0.08; 3400;occ; 125; 0;44354  
 12; 4374.3; 24-AUG-2010 16:58:37; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44354  
 13; 4654.8; 24-AUG-2010 17:03:18; Dark ; 47.0; 151; 13Mu Gem ; 2.89; 3000;occ; 94; 0;44354  
 14; 4754.3; 24-AUG-2010 17:04:57; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44354  
 15; 4992.4; 24-AUG-2010 17:08:55; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;44354  
 16; 5208.8; 24-AUG-2010 17:12:32; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;44354  
 17; 5316.3; 24-AUG-2010 17:14:19; Dark ; 50.5; 1; 9Alp CMA ; -1.44; 11000;occ; 101; 0;44354  
 18; 5415.7; 24-AUG-2010 17:15:59; Dark ; 49.0; 7; 19Bet Ori ; 0.10; 14000;occ; 98; 0;44354  
 19; 5508.5; 24-AUG-2010 17:17:31; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44354  
 20; 5685.0; 24-AUG-2010 17:20:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44354  
 21; 6390.9; 24-AUG-2010 17:32:14; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44355  
 22; 6572.3; 24-AUG-2010 17:35:15; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44355  
 23; 6928.6; 24-AUG-2010 17:41:12; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44355  
 24; 7050.1; 24-AUG-2010 17:43:13; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;44355



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 3; 1800.3; 24-AUG-2010 17:56:19; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44355  
 4; 1902.2; 24-AUG-2010 17:58:01; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44355  
 5; 2086.3; 24-AUG-2010 18:01:05; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44355  
 6; 2487.4; 24-AUG-2010 18:07:46; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44355  
 7; 2679.2; 24-AUG-2010 18:10:58; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44355  
 8; 2989.8; 24-AUG-2010 18:16:09; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44355  
 9; 3216.0; 24-AUG-2010 18:19:55; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44355  
 10; 3349.1; 24-AUG-2010 18:22:08; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;44355  
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 12; 4374.8; 24-AUG-2010 18:39:14; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44355  
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 14; 4754.6; 24-AUG-2010 18:45:34; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44355  
 15; 4993.1; 24-AUG-2010 18:49:32; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;44355  
 16; 5209.7; 24-AUG-2010 18:53:09; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;44355  
 17; 5316.4; 24-AUG-2010 18:54:55; Dark ; 47.5; 1; 9Alp CMa ; -1.44; 11000;occ; 95; 0;44355  
 18; 5416.8; 24-AUG-2010 18:56:36; Dark ; 49.0; 7; 19Bet Ori ; 0.10; 14000;occ; 98; 0;44355  
 19; 5509.5; 24-AUG-2010 18:58:08; Dark ; 50.0; 101; 11Alp Lep ; 2.58; 7000;occ; 100; 0;44355  
 20; 5685.9; 24-AUG-2010 19:01:05; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44355  
 21; 6392.0; 24-AUG-2010 19:12:51; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44356  
 22; 6572.9; 24-AUG-2010 19:15:52; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44356  
 23; 6929.2; 24-AUG-2010 19:21:48; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44356  
 24; 7050.0; 24-AUG-2010 19:23:49; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;44356

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 2; 1297.2; 24-AUG-2010 19:28:32; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44356  
 3; 1605.4; 24-AUG-2010 19:33:40; Dark ; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44356  
 4; 1800.2; 24-AUG-2010 19:36:55; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44356  
 5; 1901.8; 24-AUG-2010 19:38:37; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44356  
 6; 2086.0; 24-AUG-2010 19:41:41; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44356  
 7; 2487.2; 24-AUG-2010 19:48:22; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44356  
 8; 2679.0; 24-AUG-2010 19:51:34; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44356  
 9; 2989.6; 24-AUG-2010 19:56:45; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44356  
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 12; 4178.0; 24-AUG-2010 20:16:33; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;44356  
 13; 4374.7; 24-AUG-2010 20:19:50; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;44356  
 14; 4655.1; 24-AUG-2010 20:24:30; Dark ; 49.0; 151; 13Mu Gem ; 2.89; 3000;occ; 98; 0;44356  
 15; 4755.0; 24-AUG-2010 20:26:10; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;44356  
 16; 4993.3; 24-AUG-2010 20:30:08; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44356  
 17; 5210.4; 24-AUG-2010 20:33:45; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;44356  
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 20; 5510.4; 24-AUG-2010 20:38:45; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44356  
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 23; 6573.5; 24-AUG-2010 20:56:28; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44357  
 24; 6929.8; 24-AUG-2010 21:02:25; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44357  
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 3; 1297.0; 24-AUG-2010 21:09:08; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;44357  
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 5; 1800.3; 24-AUG-2010 21:17:31; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44357  
 6; 1901.8; 24-AUG-2010 21:19:13; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44357  
 7; 2085.5; 24-AUG-2010 21:22:16; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44357  
 8; 2487.1; 24-AUG-2010 21:28:58; Bright; 34.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 69; 0;44357  
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 11; 3214.4; 24-AUG-2010 21:41:05; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44357  
 12; 3347.3; 24-AUG-2010 21:43:18; Bright; 37.0; 76; 27Gam Cas ; 2.30; 30000;occ; 74; 0;44357  
 13; 4177.8; 24-AUG-2010 21:57:09; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44357  
 14; 4374.3; 24-AUG-2010 22:00:25; Bright; 56.0; 107; 37The Aur ; 2.65; 11000;occ; 112; 0;44357  
 15; 4655.4; 24-AUG-2010 22:05:06; Dark ; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;44357  
 16; 4754.9; 24-AUG-2010 22:06:46; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;44357

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3; -617.1; 24-AUG-2010 22:17:50; Dark ; 41.0; 7; 19Bet Ori ; 0.10; 14000;occ; 82; 0;44357
4; -524.7; 24-AUG-2010 22:19:22; Dark ; 51.0; 101; 11Alp Lep ; 2.58; 7000;occ; 102; 0;44357
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6; 358.3; 24-AUG-2010 22:34:05; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44358
7; 537.9; 24-AUG-2010 22:37:05; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44358
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10; 4374.8; 25-AUG-2010 11:25:13; Bright; 51.0; 107; 37The Aur ; 2.65; 11000;occ; 102; 0;44365
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 8; 3208.0; 25-AUG-2010 12:46:22; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44366
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 16; 4759.4; 25-AUG-2010 21:35:13; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44371  
 17; 5002.4; 25-AUG-2010 21:39:16; Dark ; 67.5; 14; 58Alp Ori ; 0.87; 3000;occ; 135; 0;44371  
 18; 5223.1; 25-AUG-2010 21:42:57; Dark ; 55.5; 33; 50Zet Ori ; 1.77; 30000;occ; 111; 0;44371

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

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 3; -333.8; 25-AUG-2010 23:31:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44372  
 4; 376.7; 25-AUG-2010 23:43:22; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44373  
 5; 547.9; 25-AUG-2010 23:46:14; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44373  
 6; 904.9; 25-AUG-2010 23:52:11; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;44373  
 7; 1020.4; 25-AUG-2010 23:54:06; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44373  
 8; 1302.4; 25-AUG-2010 23:58:48; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;44373  
 9; 1607.7; 26-AUG-2010 00:03:53; Dark ; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44373  
 10; 1800.9; 26-AUG-2010 00:07:07; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44373  
 11; 1900.3; 26-AUG-2010 00:08:46; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44373  
 12; 2082.9; 26-AUG-2010 00:11:48; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44373  
 13; 2486.2; 26-AUG-2010 00:18:32; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44373  
 14; 2986.6; 26-AUG-2010 00:26:52; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44373  
 15; 3203.2; 26-AUG-2010 00:30:29; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44373  
 16; 3335.5; 26-AUG-2010 00:32:41; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;44373  
 17; 4216.0; 26-AUG-2010 00:47:22; Bright; 47.5; 42; 34Bet Aur ; 1.90; 10200;occ; 95; 0;44373  
 18; 4375.1; 26-AUG-2010 00:50:01; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44373  
 19; 4659.9; 26-AUG-2010 00:54:46; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44373  
 20; 4760.1; 26-AUG-2010 00:56:26; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44373  
 21; 5003.6; 26-AUG-2010 01:00:29; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44373

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

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

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4; 378.0; 26-AUG-2010 01:23:59; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44374
5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374
6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374
7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374
8; 1302.8; 26-AUG-2010 01:39:24; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44374
9; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
10; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
11; 1900.1; 26-AUG-2010 01:49:22; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 37;44374
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2; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
3; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
4; 1900.1; 26-AUG-2010 01:49:22; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44374
5; 2083.3; 26-AUG-2010 01:52:25; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44374
6; 2486.6; 26-AUG-2010 01:59:08; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44374
7; 2986.6; 26-AUG-2010 02:07:28; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44374
8; 3202.6; 26-AUG-2010 02:11:04; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44374
9; 3334.9; 26-AUG-2010 02:13:16; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44374
10; 4216.1; 26-AUG-2010 02:27:58; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;44374
11; 4375.4; 26-AUG-2010 02:30:37; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44374
12; 4660.1; 26-AUG-2010 02:35:22; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44374
13; 4760.5; 26-AUG-2010 02:37:02; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;44374
14; 5004.4; 26-AUG-2010 02:41:06; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44374
15; 5222.7; 26-AUG-2010 02:44:44; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44374
16; 5325.3; 26-AUG-2010 02:46:27; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;44374
17; 5704.0; 26-AUG-2010 02:52:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44374
18; 6415.2; 26-AUG-2010 03:04:37; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44375
19; 6585.0; 26-AUG-2010 03:07:26; Dark ; 49.0; 9; Alp Eri ; 0.45; 24000;occ; 98; 0;44375
20; 6942.0; 26-AUG-2010 03:13:23; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44375
21; 7057.2; 26-AUG-2010 03:15:19; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;44375
22; 7339.4; 26-AUG-2010 03:20:01; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44375
23; 7643.6; 26-AUG-2010 03:25:05; Dark ; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44375
24; 7837.3; 26-AUG-2010 03:28:19; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44375
25; 7936.0; 26-AUG-2010 03:29:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44375
26; 8119.0; 26-AUG-2010 03:33:00; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44375
27; 8530.9; 26-AUG-2010 03:39:52; Bright; 26.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 53; 0;44375
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2; 3202.0; 26-AUG-2010 03:51:39; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44375
3; 3334.4; 26-AUG-2010 03:53:52; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44375
4; 4216.1; 26-AUG-2010 04:08:33; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44375
5; 4375.3; 26-AUG-2010 04:11:13; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44375
6; 4660.5; 26-AUG-2010 04:15:58; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44375
7; 4761.0; 26-AUG-2010 04:17:38; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44375
8; 5005.2; 26-AUG-2010 04:21:43; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44375
9; 5223.7; 26-AUG-2010 04:25:21; Dark ; 59.5; 72; 34Del Ori ; 2.25; 30000;occ; 119; 0;44375
10; 5325.9; 26-AUG-2010 04:27:03; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;44375
11; 5528.0; 26-AUG-2010 04:30:25; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44375
12; 5705.1; 26-AUG-2010 04:33:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44375
13; 6416.6; 26-AUG-2010 04:45:14; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44376
14; 6585.8; 26-AUG-2010 04:48:03; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44376
15; 6943.2; 26-AUG-2010 04:54:01; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;44376
16; 7057.7; 26-AUG-2010 04:55:55; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44376
17; 7339.3; 26-AUG-2010 05:00:37; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44376
18; 7644.0; 26-AUG-2010 05:05:41; Dark ; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;44376
19; 7837.5; 26-AUG-2010 05:08:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44376
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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
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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
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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  
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9; -328.9; 26-AUG-2010 07:54:36; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44377  
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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  
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4; 2549.7; 26-AUG-2010 08:42:35; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44378  
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7; 3331.9; 26-AUG-2010 08:55:37; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44378  
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16; 5708.0; 26-AUG-2010 09:35:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44378

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1; 385.4; 26-AUG-2010 11:27:43; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44380  
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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1; 1801.5; 26-AUG-2010 11:51:19; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;44380  
2; 1899.7; 26-AUG-2010 11:52:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44380  
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  
16; 6422.2; 26-AUG-2010 13:08:19; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;44381  
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  
20; 7340.8; 26-AUG-2010 13:23:38; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;44381

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2; 1801.5; 26-AUG-2010 13:31:54; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44381  
3; 1899.5; 26-AUG-2010 13:33:32; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44381  
4; 2082.1; 26-AUG-2010 13:36:35; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44381  
5; 2547.8; 26-AUG-2010 13:44:21; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;44381  
6; 2985.6; 26-AUG-2010 13:51:39; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44381



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7; 3197.3; 26-AUG-2010 13:55:10; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44381
8; 3329.7; 26-AUG-2010 13:57:23; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44381
9; 4215.5; 26-AUG-2010 14:12:08; Bright; 45.5; 42; 34Bet Aur ; 1.90; 10200;occ; 91; 0;44381
10; 4375.7; 26-AUG-2010 14:14:49; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44381
11; 4661.9; 26-AUG-2010 14:19:35; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;44381
12; 4762.8; 26-AUG-2010 14:21:16; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44381
13; 5008.6; 26-AUG-2010 14:25:22; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44381
14; 5229.4; 26-AUG-2010 14:29:02; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44381
15; 5328.9; 26-AUG-2010 14:30:42; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;44381
16; 5534.0; 26-AUG-2010 14:34:07; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;44381
17; 5711.0; 26-AUG-2010 14:37:04; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44381
18; 6423.6; 26-AUG-2010 14:48:57; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;44382
19; 6589.2; 26-AUG-2010 14:51:42; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44382
20; 6947.2; 26-AUG-2010 14:57:40; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44382
21; 7059.7; 26-AUG-2010 14:59:33; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;44382
22; 7341.2; 26-AUG-2010 15:04:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44382
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2; 1802.0; 26-AUG-2010 15:12:31; Bright; 38.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 76; 0;44382
3; 1899.5; 26-AUG-2010 15:14:08; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44382
4; 2082.3; 26-AUG-2010 15:17:11; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44382
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
20; 6590.9; 26-AUG-2010 18:12:56; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44384
21; 6948.3; 26-AUG-2010 18:18:53; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44384
22; 7060.4; 26-AUG-2010 18:20:45; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;44384
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2; 1306.1; 26-AUG-2010 18:25:27; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;44384
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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7; 2545.8; 26-AUG-2010 18:46:07; Bright; 45.0; 164; 44Eta Peg ; 2.95; 5400;occ; 90; 0;44384
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
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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
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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
15; 1608.3; 26-AUG-2010 06:46:18; Dark ; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;44377
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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2; 1024.7; 26-AUG-2010 20:01:22; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;44385
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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3; -705.2; 26-AUG-2010 21:13:08; Dark ; 47.5; 1; 9Alp CMA ; -1.44; 11000;occ; 95; 0;44385
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6; 601.1; 31-AUG-2010 22:18:00; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44458
7; 959.0; 31-AUG-2010 22:23:58; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;44458
8; 1328.1; 31-AUG-2010 22:30:08; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44458
9; 1618.2; 31-AUG-2010 22:34:58; Dark ; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;44458
10; 1895.6; 31-AUG-2010 22:39:35; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;44458
11; 2075.5; 31-AUG-2010 22:42:35; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44458
12; 2503.7; 31-AUG-2010 22:49:43; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;44458
13; 2976.2; 31-AUG-2010 22:57:36; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;44458
14; 3146.3; 31-AUG-2010 23:00:26; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44458
15; 3274.2; 31-AUG-2010 23:02:34; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44458
16; 4208.1; 31-AUG-2010 23:18:08; Bright; 47.0; 42; 34Bet Aur ; 1.90; 10200;occ; 94; 0;44458
17; 4377.8; 31-AUG-2010 23:20:57; Bright; 47.0; 107; 37The Aur ; 2.65; 11000;occ; 94; 0;44458
18; 4513.9; 31-AUG-2010 23:23:13; Bright; 38.5; 17; 78Bet Gem ; 1.16; 4500;occ; 77; 0;44458
19; 4685.1; 31-AUG-2010 23:26:05; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;44458
20; 4790.3; 31-AUG-2010 23:27:50; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;44458
21; 4913.1; 31-AUG-2010 23:29:53; Dark ; 45.5; 8; 10Alp CMi ; 0.40; 6500;occ; 91; 0;44458
22; 5371.4; 31-AUG-2010 23:37:31; Dark ; 16.5; 1; 9Alp CMA ; -1.44; 11000;occ; 33; 0;44458
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100831_233731_000056272092_00316_44458_0807.N1
1; -664.5; 31-AUG-2010 23:37:31; Dark ; 48.5; 1; 9Alp CMA ; -1.44; 11000;occ; 97; 0;44458
2; -498.5; 31-AUG-2010 23:40:17; Dark ; 41.5; 23; 21Eps CMA ; 1.50; 26000;occ; 83; 0;44458
3; -357.6; 31-AUG-2010 23:42:38; Dark ; 53.0; 139; 9Bet Lep ; 2.83; 5600;occ; 106; 0;44458

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4;	-242.7;	31-AUG-2010	23:44:33;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	44458
5;	524.9;	31-AUG-2010	23:57:20;	Dark	;	39.5;	143;	Alp Hyi	;	2.86;	7200;	occ;	79;	0;	44459
6;	601.9;	31-AUG-2010	23:58:37;	Dark	;	45.0;	9;	Alp Eri	;	0.45;	24000;	occ;	90;	0;	44459
7;	959.7;	01-SEP-2010	00:04:35;	Dark	;	47.5;	84;	Alp Phe	;	2.40;	4500;	occ;	95;	0;	44459
8;	1328.2;	01-SEP-2010	00:10:44;	Dark	;	47.0;	18;	24Alp PsA	;	1.17;	9700;	occ;	94;	0;	44459
9;	1618.7;	01-SEP-2010	00:15:34;	Dark	;	48.5;	142;	49Del Cap	;	2.85;	8900;	occ;	97;	0;	44459
10;	1895.5;	01-SEP-2010	00:20:11;	Bright;		41.0;	162;	34Alp Aqr	;	2.94;	5350;	occ;	82;	0;	44459
11;	2075.2;	01-SEP-2010	00:23:11;	Bright;		41.0;	61;	8Eps Peg	;	2.10;	3900;	occ;	82;	0;	44459
12;	2503.0;	01-SEP-2010	00:30:18;	Bright;		46.0;	164;	44Eta Peg	;	2.95;	5400;	occ;	92;	0;	44459
13;	2975.5;	01-SEP-2010	00:38:11;	Bright;		38.5;	89;	5Alp Cep	;	2.45;	8000;	occ;	77;	0;	44459
14;	3145.2;	01-SEP-2010	00:41:01;	Bright;		43.5;	74;	11Bet Cas	;	2.27;	6600;	occ;	87;	0;	44459
15;	3273.7;	01-SEP-2010	00:43:09;	Bright;		45.0;	76;	27Gam Cas	;	2.30;	30000;	occ;	90;	0;	44459
16;	4208.2;	01-SEP-2010	00:58:43;	Bright;		45.5;	42;	34Bet Aur	;	1.90;	10200;	occ;	91;	0;	44459
17;	4377.9;	01-SEP-2010	01:01:33;	Bright;		57.0;	107;	37The Aur	;	2.65;	11000;	occ;	114;	0;	44459
18;	4514.1;	01-SEP-2010	01:03:49;	Bright;		39.0;	17;	78Bet Gem	;	1.16;	4500;	occ;	78;	0;	44459
19;	4685.5;	01-SEP-2010	01:06:41;	Dark	;	57.0;	151;	13Mu Gem	;	2.89;	3000;	occ;	114;	0;	44459
20;	4790.7;	01-SEP-2010	01:08:26;	Dark	;	52.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	105;	0;	44459
21;	4913.6;	01-SEP-2010	01:10:29;	Dark	;	49.5;	8;	10Alp CMi	;	0.40;	6500;	occ;	99;	0;	44459