

GOMOS Daily Report 11-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	14AUG2010 04:52:03
Data source version	GOMOS/5.01
Start time of products	11AUG2010 00:04:28
Stop time of products	11AUG2010 06:48:59
Store outputs in DB	Yes
Nb of level 1b prods	98
Nb of prods with errors	2

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

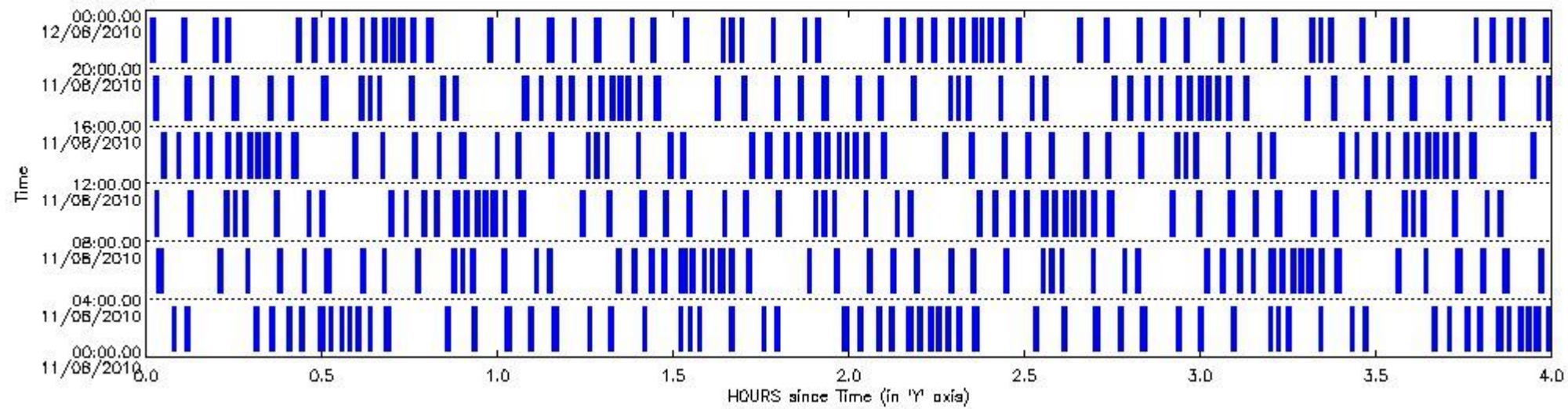
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

No missing products.

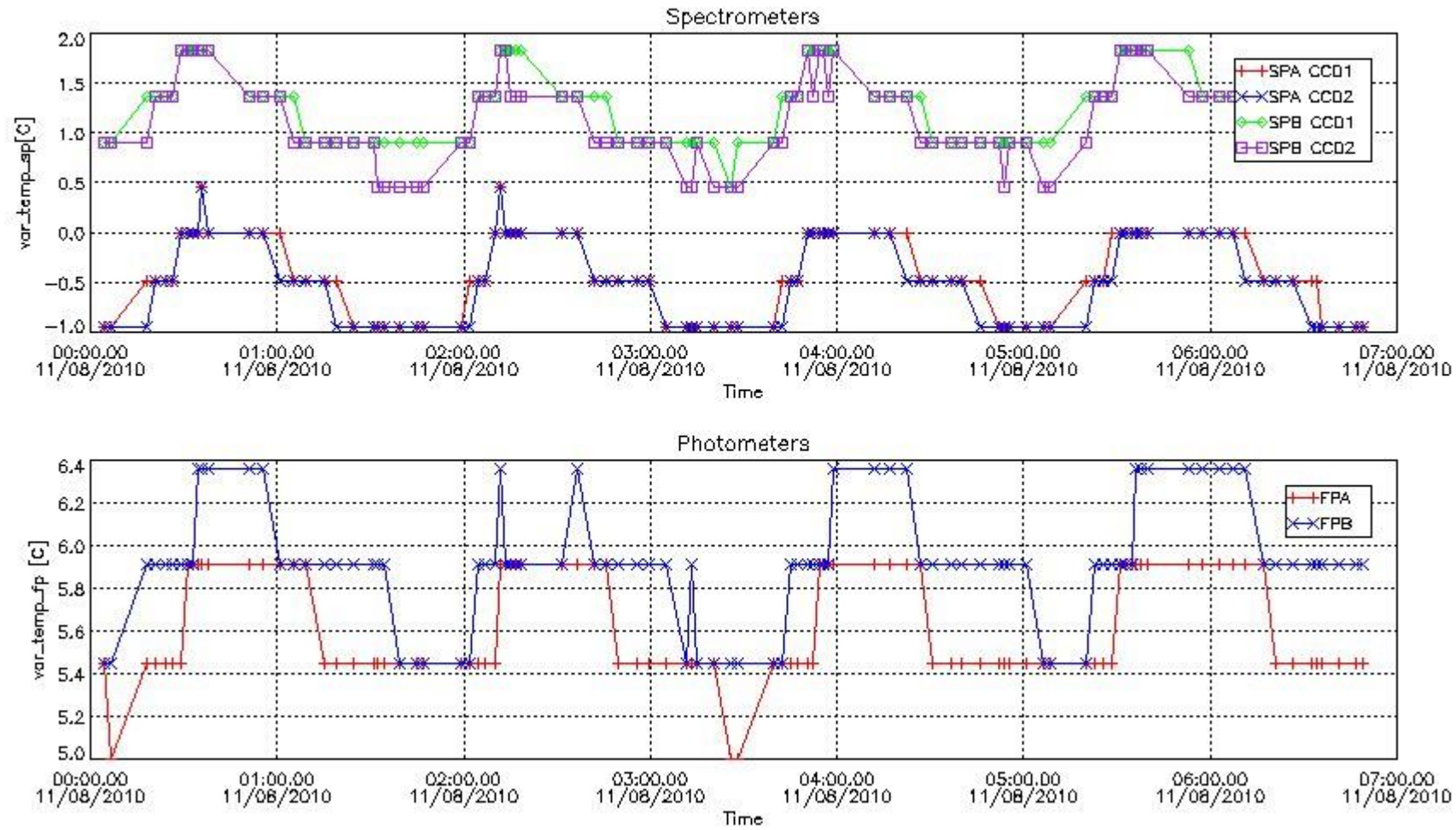
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100811_000428_000000322092_00016_44158_4292.N1	11-AUG-2010 00:04:28	Twilight	32.000	74	11Bet Cas	2.2680	6600.0	64	44158	No
2	GOM_TRA_1PNPDE20100811_000638_000000502092_00016_44158_4293.N1	11-AUG-2010 00:06:38	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	44158	No
3	GOM_TRA_1PNPDE20100811_001820_000000482092_00016_44158_4294.N1	11-AUG-2010 00:18:20	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	44158	No
4	GOM_TRA_1PNPDE20100811_002102_000000562092_00016_44158_4295.N1	11-AUG-2010 00:21:02	Bright	56.000	107	37The Aur	2.6490	11000.	112	44158	No
5	GOM_TRA_1PNPDE20100811_002400_000000472092_00016_44158_4296.N1	11-AUG-2010 00:24:00	Twilight	46.500	28	12Bet Tau	1.6500	15200.	93	44158	No
6	GOM_TRA_1PNPDE20100811_002614_000000432092_00016_44158_4297.N1	11-AUG-2010 00:26:14	Twilight	42.500	176	23Zet Tau	3.0200	22000.	85	44158	No
7	GOM_TRA_1PNPDE20100811_002916_000000692092_00016_44158_4298.N1	11-AUG-2010 00:29:16	Dark	68.500	13	87Alp Tau	0.86700	3800.0	137	44158	No
8	GOM_TRA_1PNPDE20100811_003107_000000472092_00016_44158_4299.N1	11-AUG-2010 00:31:07	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	44158	No
9	GOM_TRA_1PNPDE20100811_003302_000000432092_00016_44158_4300.N1	11-AUG-2010 00:33:02	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	44158	No
10	GOM_TRA_1PNPDE20100811_003425_000000412092_00016_44158_4301.N1	11-AUG-2010 00:34:25	Dark	41.000	125	44Iot Ori	2.7700	30000.	82	44158	No
11	GOM_TRA_1PNPDE20100811_003549_000000492092_00016_44158_4306.N1	11-AUG-2010 00:35:49	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	44158	Yes
12	GOM_TRA_1PNPDE20100811_003749_000000462092_00016_44158_4307.N1	11-AUG-2010 00:37:49	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	44158	No

13	GOM_TRA_1PNPDE20100811_005058_000000512092_00017_44159_4308.N1	11-AUG-2010 00:50:58	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44159	No
14	GOM_TRA_1PNPDE20100811_005540_000000442092_00017_44159_4309.N1	11-AUG-2010 00:55:40	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44159	No
15	GOM_TRA_1PNPDE20100811_010110_000000622092_00017_44159_4310.N1	11-AUG-2010 01:01:10	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	44159	No
16	GOM_TRA_1PNPDE20100811_010522_000000462092_00017_44159_4311.N1	11-AUG-2010 01:05:22	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	44159	No
17	GOM_TRA_1PNPDE20100811_010913_000000602092_00017_44159_4312.N1	11-AUG-2010 01:09:13	Tw_i_and_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	44159	No
18	GOM_TRA_1PNPDE20100811_011521_000000452092_00017_44159_4313.N1	11-AUG-2010 01:15:21	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44159	No
19	GOM_TRA_1PNPDE20100811_011901_000000462092_00017_44159_4314.N1	11-AUG-2010 01:19:01	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	44159	No
20	GOM_TRA_1PNPDE20100811_012440_000000492092_00017_44159_4315.N1	11-AUG-2010 01:24:40	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	44159	No
21	GOM_TRA_1PNPDE20100811_013058_000000402092_00017_44159_4316.N1	11-AUG-2010 01:30:58	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	44159	No
22	GOM_TRA_1PNPDE20100811_013226_000000412092_00017_44159_4317.N1	11-AUG-2010 01:32:26	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	44159	No
23	GOM_TRA_1PNPDE20100811_013410_000000382092_00017_44159_4318.N1	11-AUG-2010 01:34:10	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	44159	No
24	GOM_TRA_1PNPDE20100811_013935_000000402092_00017_44159_4319.N1	11-AUG-2010 01:39:35	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44159	No
25	GOM_TRA_1PNPDE20100811_014503_000000322092_00017_44159_4320.N1	11-AUG-2010 01:45:03	Tw_i_and_stray	32.000	74	11Bet Cas	2.2680	6600.0	64	44159	No
26	GOM_TRA_1PNPDE20100811_014713_000000492092_00017_44159_4321.N1	11-AUG-2010 01:47:13	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	44159	No
27	GOM_TRA_1PNPDE20100811_015855_000000592092_00017_44159_4322.N1	11-AUG-2010 01:58:55	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	44159	No
28	GOM_TRA_1PNPDE20100811_020138_000000402092_00017_44159_4323.N1	11-AUG-2010 02:01:38	Bright	39.500	107	37The Aur	2.6490	11000.	79	44159	No
29	GOM_TRA_1PNPDE20100811_020435_000000502092_00017_44159_4324.N1	11-AUG-2010 02:04:35	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	44159	No
30	GOM_TRA_1PNPDE20100811_020650_000000452092_00017_44159_4325.N1	11-AUG-2010 02:06:50	Tw_i_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	44159	No
31	GOM_TRA_1PNPDE20100811_020952_000000652092_00017_44159_4326.N1	11-AUG-2010 02:09:52	Dark	64.500	13	87Alp Tau	0.86700	3800.0	129	44159	No
32	GOM_TRA_1PNPDE20100811_021143_000000442092_00017_44159_4331.N1	11-AUG-2010 02:11:43	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	44159	Yes
33	GOM_TRA_1PNPDE20100811_021339_000000422092_00017_44159_4332.N1	11-AUG-2010 02:13:39	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	44159	No
34	GOM_TRA_1PNPDE20100811_021502_000000422092_00017_44159_4333.N1	11-AUG-2010 02:15:02	Dark	41.500	125	44lot Ori	2.7700	30000.	83	44159	No
35	GOM_TRA_1PNPDE20100811_021626_000000542092_00017_44159_4334.N1	11-AUG-2010 02:16:26	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	44159	No
36	GOM_TRA_1PNPDE20100811_021825_000000452092_00017_44159_4335.N1	11-AUG-2010 02:18:25	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	44159	No
37	GOM_TRA_1PNPDE20100811_023136_000000502092_00018_44160_4336.N1	11-AUG-2010 02:31:36	Dark	49.500	157	The1Eri	2.9060	9300.0	99	44160	No
38	GOM_TRA_1PNPDE20100811_023617_000000452092_00018_44160_4337.N1	11-AUG-2010 02:36:17	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44160	No
39	GOM_TRA_1PNPDE20100811_024147_000000622092_00018_44160_4338.N1	11-AUG-2010 02:41:47	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	44160	No
40	GOM_TRA_1PNPDE20100811_024558_000000422092_00018_44160_4339.N1	11-AUG-2010 02:45:58	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	44160	No
41	GOM_TRA_1PNPDE20100811_024950_000000582092_00018_44160_4340.N1	11-AUG-2010 02:49:50	Tw_i_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	44160	No
42	GOM_TRA_1PNPDE20100811_025556_000000462092_00018_44160_4341.N1	11-AUG-2010 02:55:56	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44160	No
43	GOM_TRA_1PNPDE20100811_025936_000000472092_00018_44160_4342.N1	11-AUG-2010 02:59:36	Bright	47.000	154	22Bet Aqr	2.8990	5700.0	94	44160	No
44	GOM_TRA_1PNPDE20100811_030516_000000482092_00018_44160_4343.N1	11-AUG-2010 03:05:16	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	44160	No
45	GOM_TRA_1PNPDE20100811_031134_000000382092_00018_44160_4344.N1	11-AUG-2010 03:11:34	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	44160	No
46	GOM_TRA_1PNPDE20100811_031302_000000392092_00018_44160_4345.N1	11-AUG-2010 03:13:02	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	44160	No
47	GOM_TRA_1PNPDE20100811_031446_000000412092_00018_44160_4346.N1	11-AUG-2010 03:14:46	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	44160	No
48	GOM_TRA_1PNPDE20100811_032011_000000372092_00018_44160_4347.N1	11-AUG-2010 03:20:11	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	44160	No
49	GOM_TRA_1PNPDE20100811_032538_000000342092_00018_44160_4348.N1	11-AUG-2010 03:25:38	Tw_i_and_stray	34.000	74	11Bet Cas	2.2680	6600.0	68	44160	No
50	GOM_TRA_1PNPDE20100811_032748_000000492092_00018_44160_4349.N1	11-AUG-2010 03:27:48	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	44160	No
51	GOM_TRA_1PNPDE20100811_033931_000000452092_00018_44160_4354.N1	11-AUG-2010 03:39:31	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	44160	No
52	GOM_TRA_1PNPDE20100811_034214_000000382092_00018_44160_4355.N1	11-AUG-2010 03:42:14	Bright	37.500	107	37The Aur	2.6490	11000.	75	44160	No
53	GOM_TRA_1PNPDE20100811_034512_000000492092_00018_44160_4356.N1	11-AUG-2010 03:45:12	Tw_i_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	44160	No
54	GOM_TRA_1PNPDE20100811_034726_000000432092_00018_44160_4357.N1	11-AUG-2010 03:47:26	Tw_i_and_stray	43.000	176	23Zet Tau	3.0200	22000.	86	44160	No
55	GOM_TRA_1PNPDE20100811_035029_000000662092_00018_44160_4358.N1	11-AUG-2010 03:50:29	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	44160	No
56	GOM_TRA_1PNPDE20100811_035220_000000442092_00018_44160_4359.N1	11-AUG-2010 03:52:20	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	44160	No
57	GOM_TRA_1PNPDE20100811_035416_000000442092_00018_44160_4360.N1	11-AUG-2010 03:54:16	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	44160	No
58	GOM_TRA_1PNPDE20100811_035538_000000432092_00018_44160_4361.N1	11-AUG-2010 03:55:38	Dark	43.000	125	44lot Ori	2.7700	30000.	86	44160	No
59	GOM_TRA_1PNPDE20100811_035702_000000532092_00018_44160_4362.N1	11-AUG-2010 03:57:02	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	44160	No
60	GOM_TRA_1PNPDE20100811_035902_000000462092_00018_44160_4363.N1	11-AUG-2010 03:59:02	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44160	No
61	GOM_TRA_1PNPDE20100811_041213_000000502092_00019_44161_4364.N1	11-AUG-2010 04:12:13	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44161	No
62	GOM_TRA_1PNPDE20100811_041654_000000432092_00019_44161_4365.N1	11-AUG-2010 04:16:54	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44161	No
63	GOM_TRA_1PNPDE20100811_042223_000000532092_00019_44161_4366.N1	11-AUG-2010 04:22:23	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44161	No
64	GOM_TRA_1PNPDE20100811_042634_000000432092_00019_44161_4367.N1	11-AUG-2010 04:26:34	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	44161	No
65	GOM_TRA_1PNPDE20100811_043026_000000612092_00019_44161_4368.N1	11-AUG-2010 04:30:26	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	44161	No
66	GOM_TRA_1PNPDE20100811_043633_000000472092_00019_44161_4369.N1	11-AUG-2010 04:36:33	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44161	No
67	GOM_TRA_1PNPDE20100811_044012_000000462092_00019_44161_4370.N1	11-AUG-2010 04:40:12	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	44161	No
68	GOM_TRA_1PNPDE20100811_044551_000000482092_00019_44161_4371.N1	11-AUG-2010 04:45:51	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	44161	No
69	GOM_TRA_1PNPDE20100811_045210_000000412092_00019_44161_4372.N1	11-AUG-2010 04:52:10	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	44161	No
70	GOM_TRA_1PNPDE20100811_045338_000000402092_00019_44161_4373.N1	11-AUG-2010 04:53:38	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	44161	No
71	GOM_TRA_1PNPDE20100811_045522_000000412092_00019_44161_4374.N1	11-AUG-2010 04:55:22	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	44161	No

72	GOM_TRA_1PNPDE20100811_050047_000000402092_00019_44161_4375.N1	11-AUG-2010 05:00:47	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44161	No
73	GOM_TRA_1PNPDE20100811_050613_000000342092_00019_44161_4376.N1	11-AUG-2010 05:06:13	Twilight	34.000	74	11Bet Cas	2.2680	6600.0	68	44161	No
74	GOM_TRA_1PNPDE20100811_050823_000000492092_00019_44161_4377.N1	11-AUG-2010 05:08:23	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	44161	No
75	GOM_TRA_1PNPDE20100811_052007_000000592092_00019_44161_4394.N1	11-AUG-2010 05:20:07	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	44161	No
76	GOM_TRA_1PNPDE20100811_052250_000000482092_00019_44161_4395.N1	11-AUG-2010 05:22:50	Bright	48.000	107	37The Aur	2.6490	11000.	96	44161	No
77	GOM_TRA_1PNPDE20100811_052548_000000502092_00019_44161_4396.N1	11-AUG-2010 05:25:48	Twilight	49.500	28	12Bet Tau	1.6500	15200.	99	44161	No
78	GOM_TRA_1PNPDE20100811_052802_000000422092_00019_44161_4397.N1	11-AUG-2010 05:28:02	Twilight	42.000	176	23Zet Tau	3.0200	22000.	84	44161	No
79	GOM_TRA_1PNPDE20100811_053105_000000692092_00019_44161_4398.N1	11-AUG-2010 05:31:05	Dark	68.500	13	87Alp Tau	0.86700	3800.0	137	44161	No
80	GOM_TRA_1PNPDE20100811_053256_000000462092_00019_44161_4399.N1	11-AUG-2010 05:32:56	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	44161	No
81	GOM_TRA_1PNPDE20100811_053452_000000482092_00019_44161_4400.N1	11-AUG-2010 05:34:52	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	44161	No
82	GOM_TRA_1PNPDE20100811_053615_000000432092_00019_44161_4401.N1	11-AUG-2010 05:36:15	Dark	43.000	125	44lot Ori	2.7700	30000.	86	44161	No
83	GOM_TRA_1PNPDE20100811_053738_000000592092_00019_44161_4402.N1	11-AUG-2010 05:37:38	Dark	58.500	7	19Bet Ori	0.10000	14000.	117	44161	No
84	GOM_TRA_1PNPDE20100811_053938_000000472092_00019_44161_4403.N1	11-AUG-2010 05:39:38	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	44161	No
85	GOM_TRA_1PNPDE20100811_055250_000000472092_00020_44162_4404.N1	11-AUG-2010 05:52:50	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44162	No
86	GOM_TRA_1PNPDE20100811_055731_000000482092_00020_44162_4405.N1	11-AUG-2010 05:57:31	Dark	48.000	9	Alp Eri	0.45300	24000.	96	44162	No
87	GOM_TRA_1PNPDE20100811_060300_000000552092_00020_44162_4406.N1	11-AUG-2010 06:03:00	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44162	No
88	GOM_TRA_1PNPDE20100811_060711_000000482092_00020_44162_4407.N1	11-AUG-2010 06:07:11	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	44162	No
89	GOM_TRA_1PNPDE20100811_061103_000000582092_00020_44162_4408.N1	11-AUG-2010 06:11:03	Twilight	58.000	18	24Alp PsA	1.1660	9700.0	116	44162	No
90	GOM_TRA_1PNPDE20100811_061709_000000492092_00020_44162_4409.N1	11-AUG-2010 06:17:09	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	44162	No
91	GOM_TRA_1PNPDE20100811_062048_000000452092_00020_44162_4410.N1	11-AUG-2010 06:20:48	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	44162	No
92	GOM_TRA_1PNPDE20100811_062627_000000492092_00020_44162_4411.N1	11-AUG-2010 06:26:27	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	44162	No
93	GOM_TRA_1PNPDE20100811_063246_000000432092_00020_44162_4412.N1	11-AUG-2010 06:32:46	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	44162	No
94	GOM_TRA_1PNPDE20100811_063414_000000412092_00020_44162_4413.N1	11-AUG-2010 06:34:14	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	44162	No
95	GOM_TRA_1PNPDE20100811_063557_000000402092_00020_44162_4414.N1	11-AUG-2010 06:35:57	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	44162	No
96	GOM_TRA_1PNPDE20100811_064122_000000412092_00020_44162_4415.N1	11-AUG-2010 06:41:22	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44162	No
97	GOM_TRA_1PNPDE20100811_064648_000000352092_00020_44162_4416.N1	11-AUG-2010 06:46:48	Twilight	35.000	74	11Bet Cas	2.2680	6600.0	70	44162	No
98	GOM_TRA_1PNPDE20100811_064859_000000492092_00020_44162_4417.N1	11-AUG-2010 06:48:59	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	44162	No

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



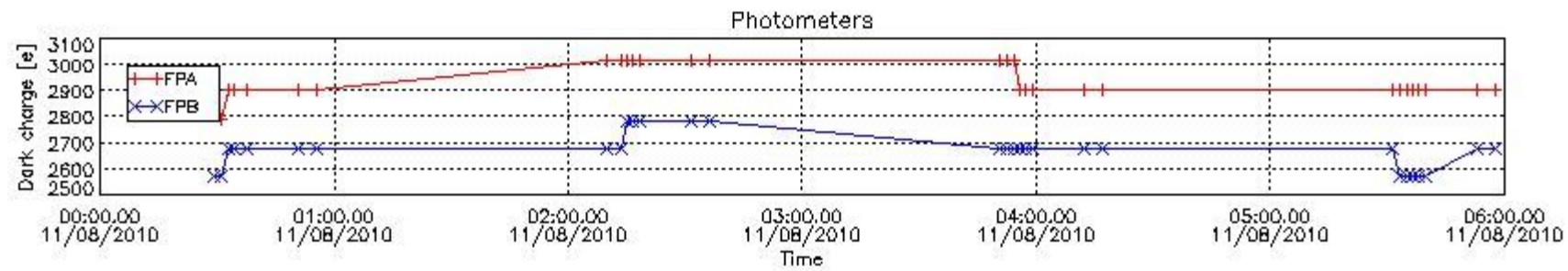
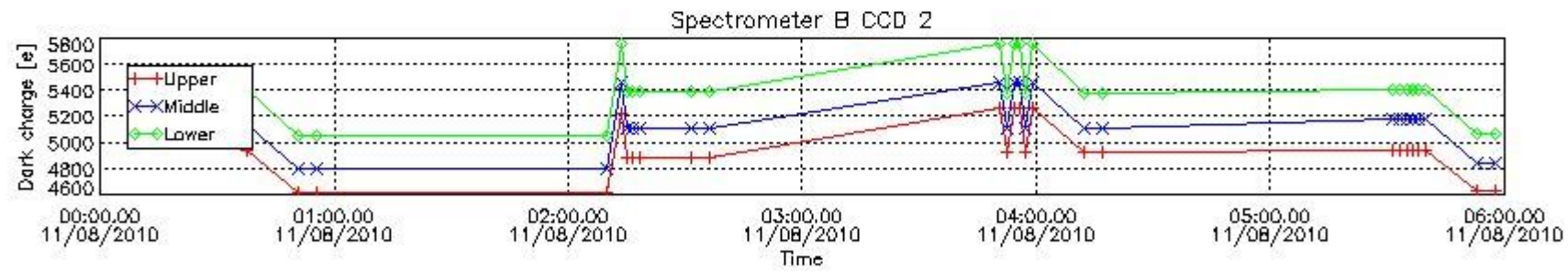
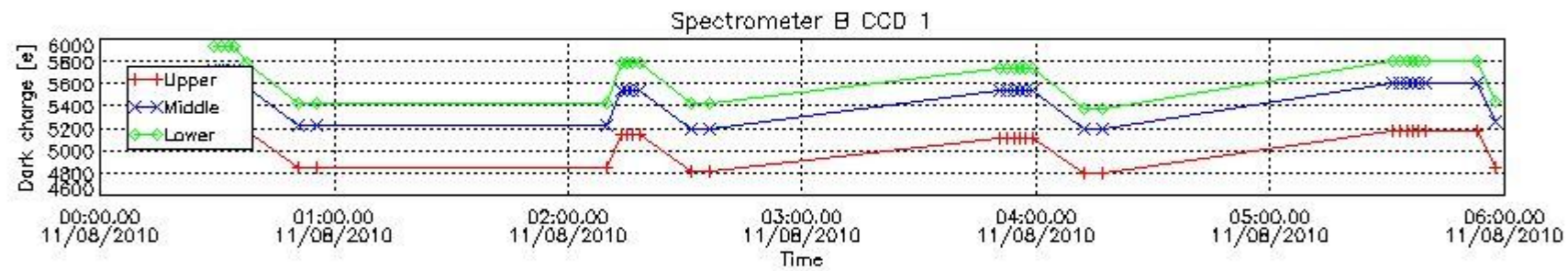
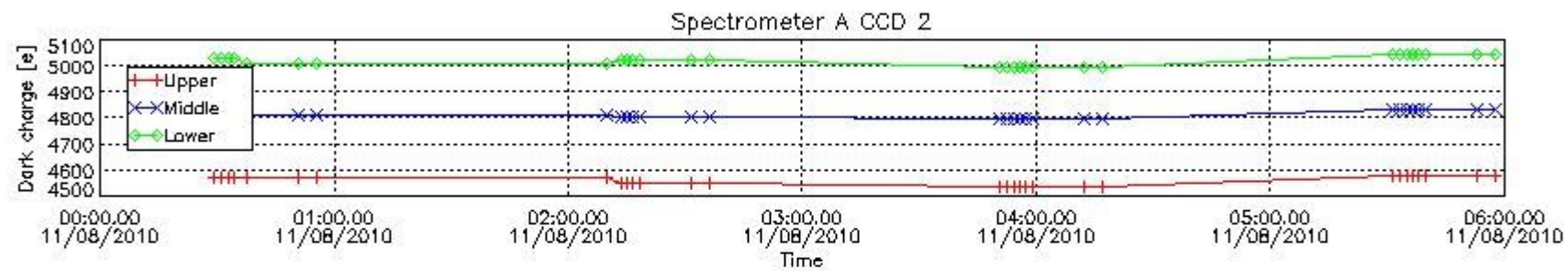
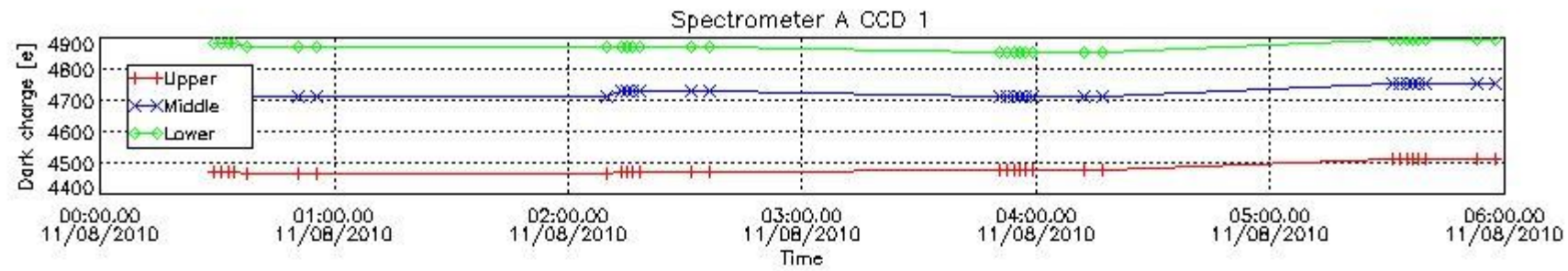
4. Overview of dark signal processing per product

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 All products used the DSA observation for the DC computation

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



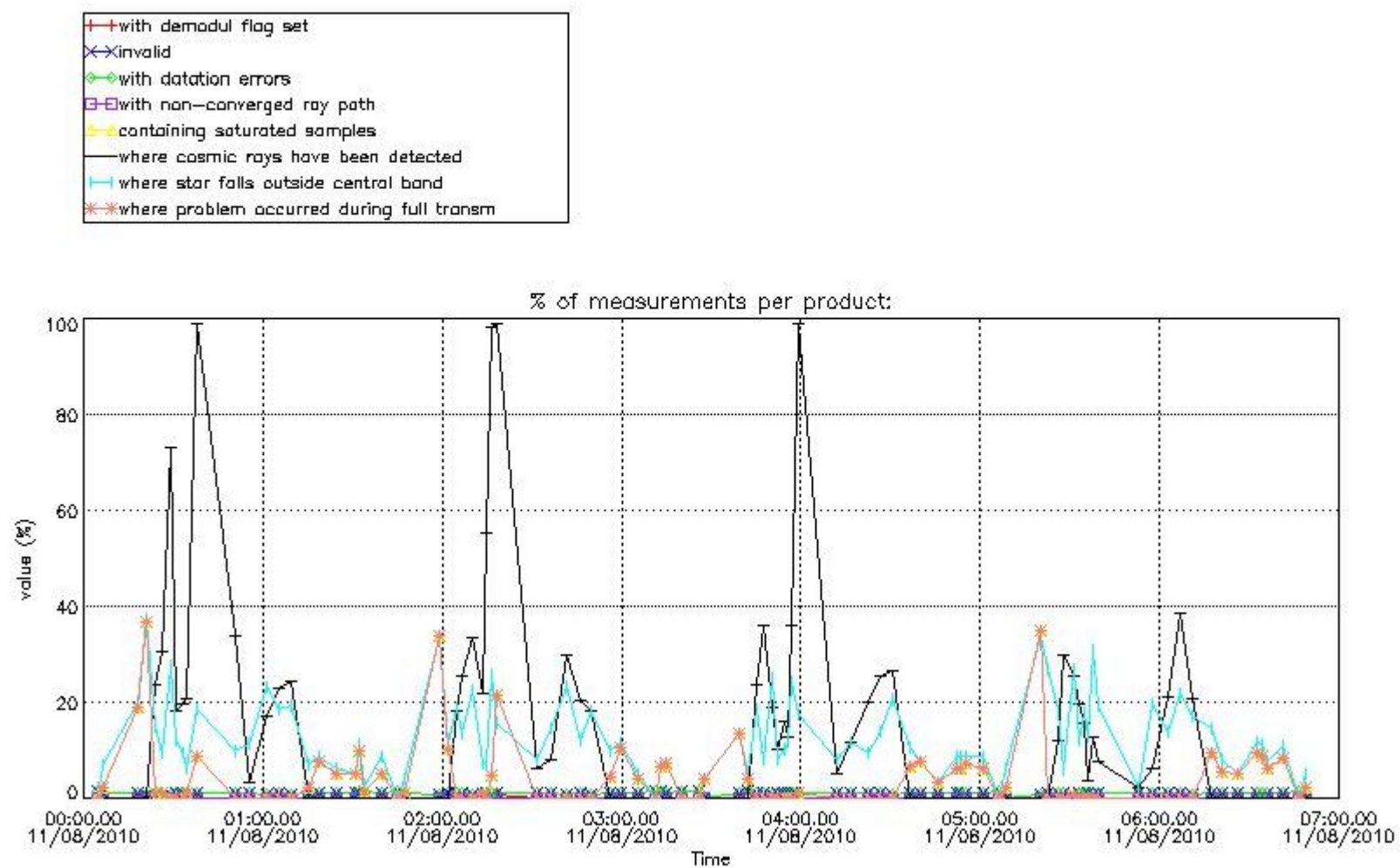
5. Demodulation flag and quality information monitoring

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.

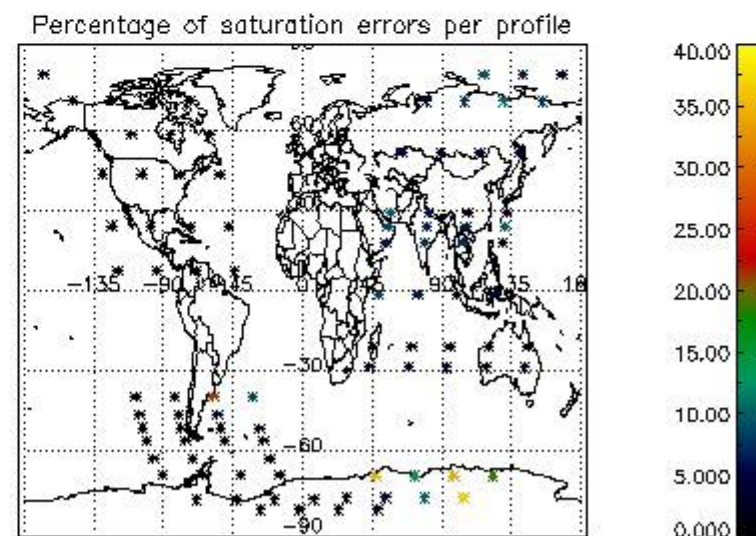
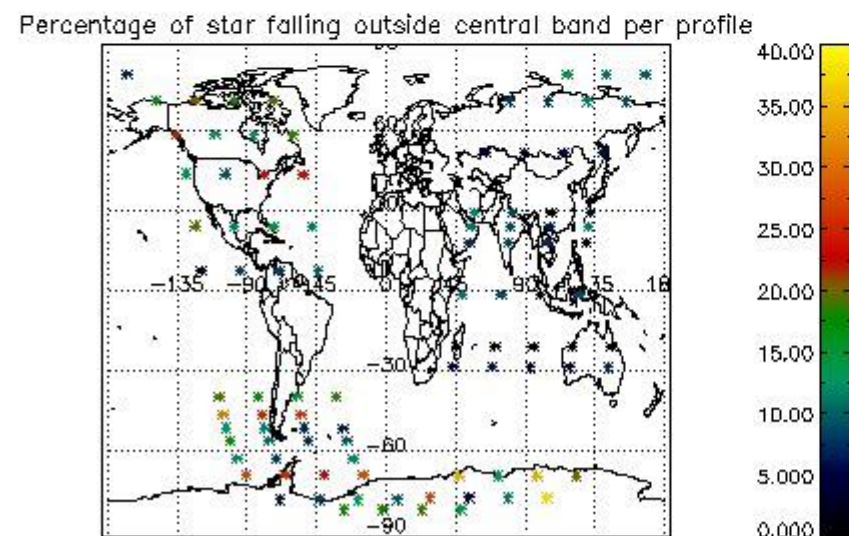
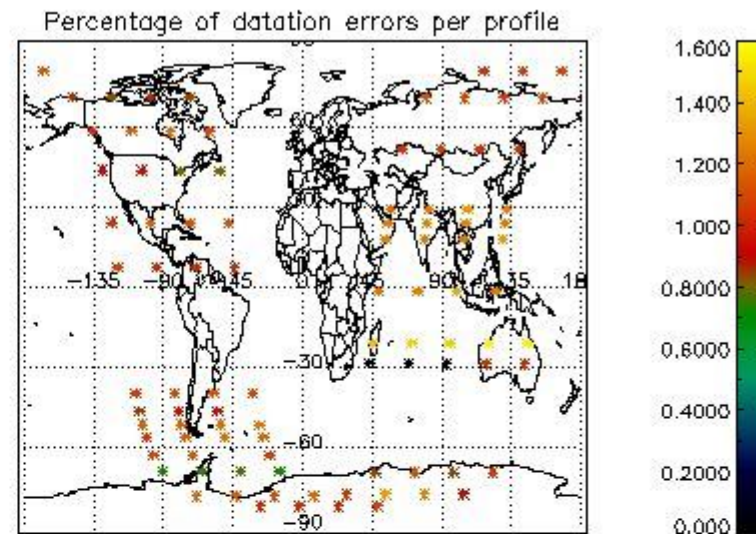
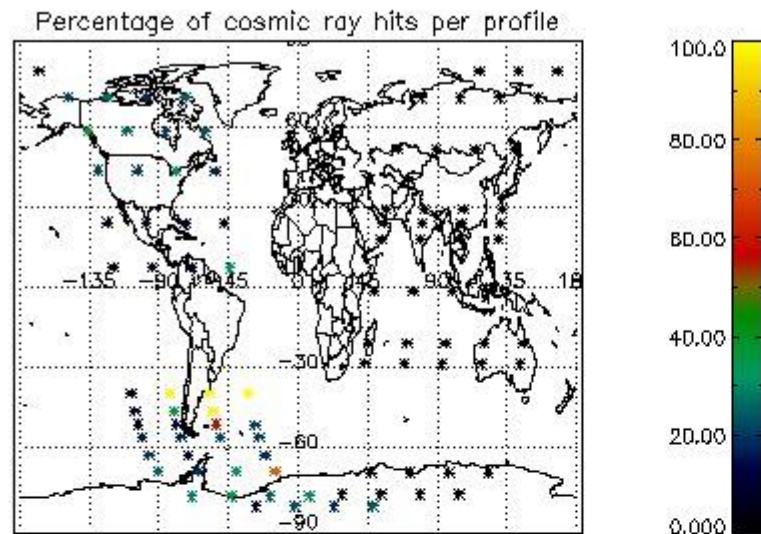
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	42.7083 %
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)



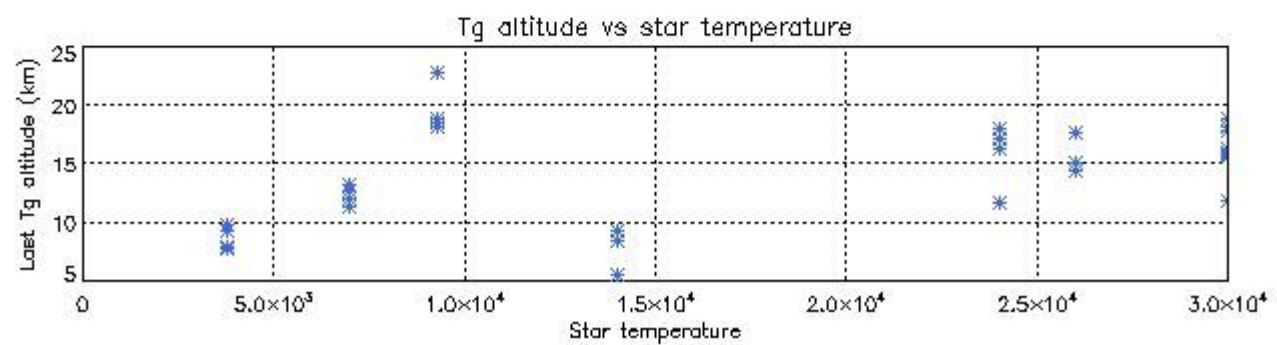
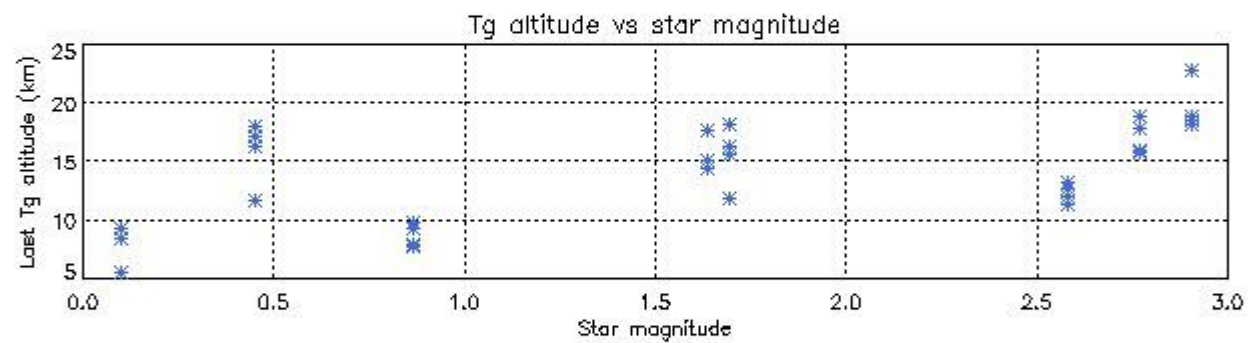
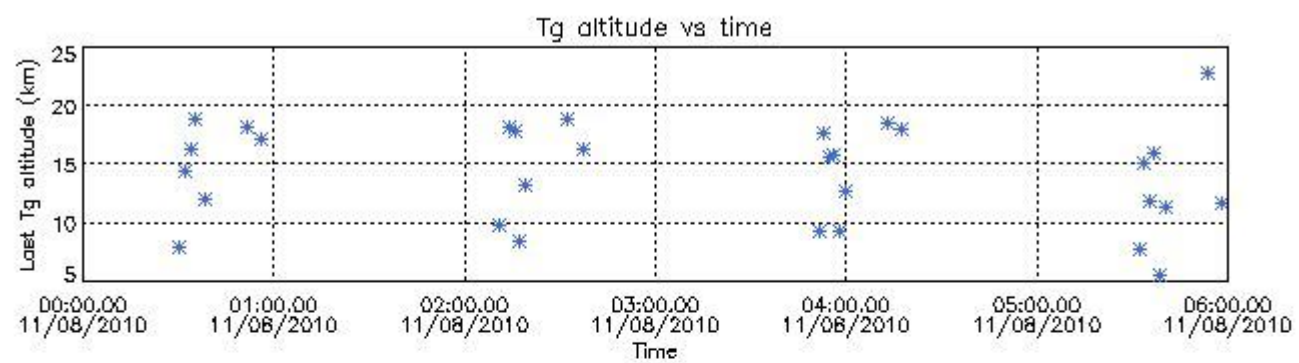
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.214	18.490	NaN
St. deviation:	4.2053	5.0763	NaN
Maximum:	22.699	26.990	NaN
Minimum:	5.5328	3.8616	NaN
Number of data:	30.000	41.000	NaN

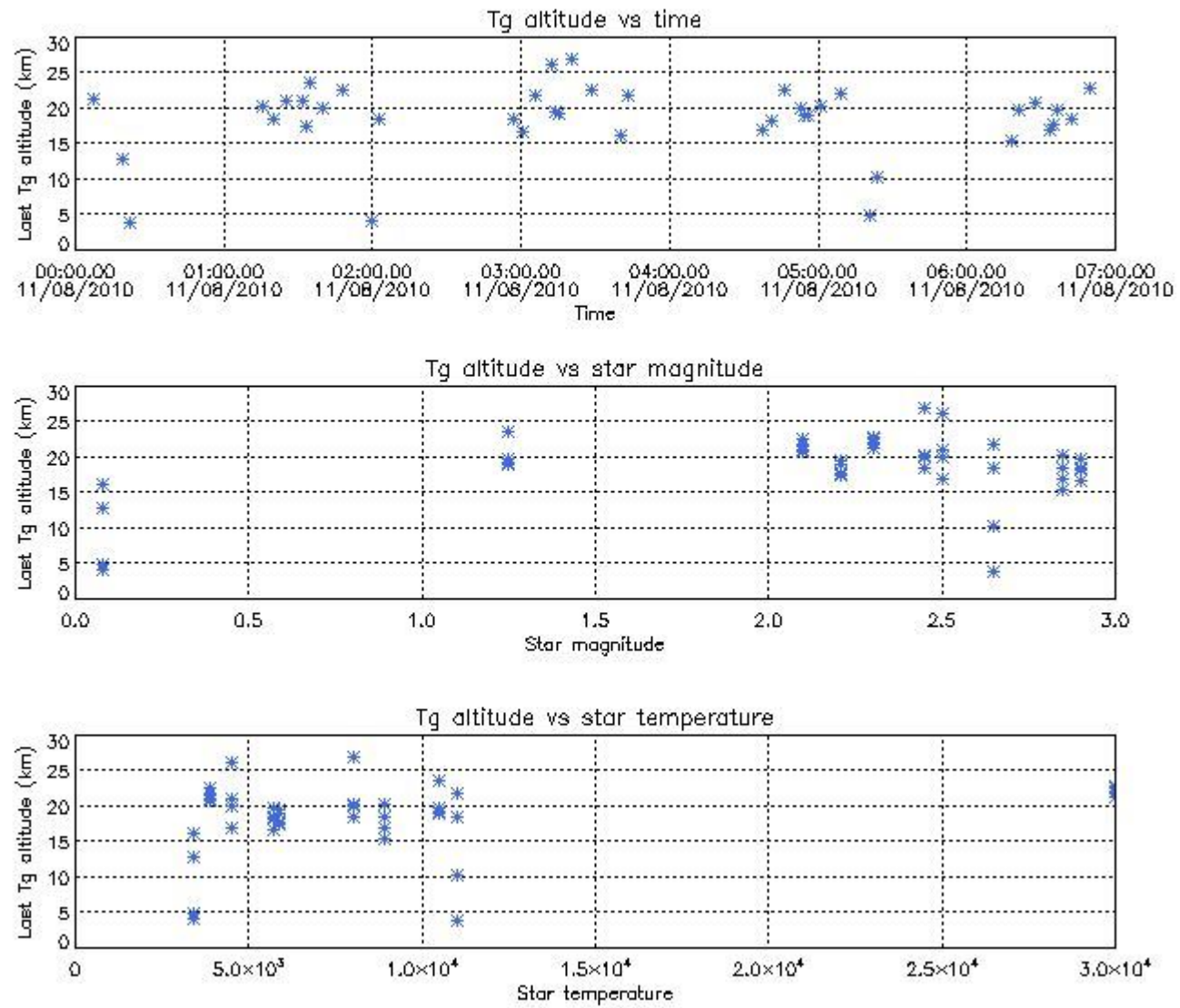
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

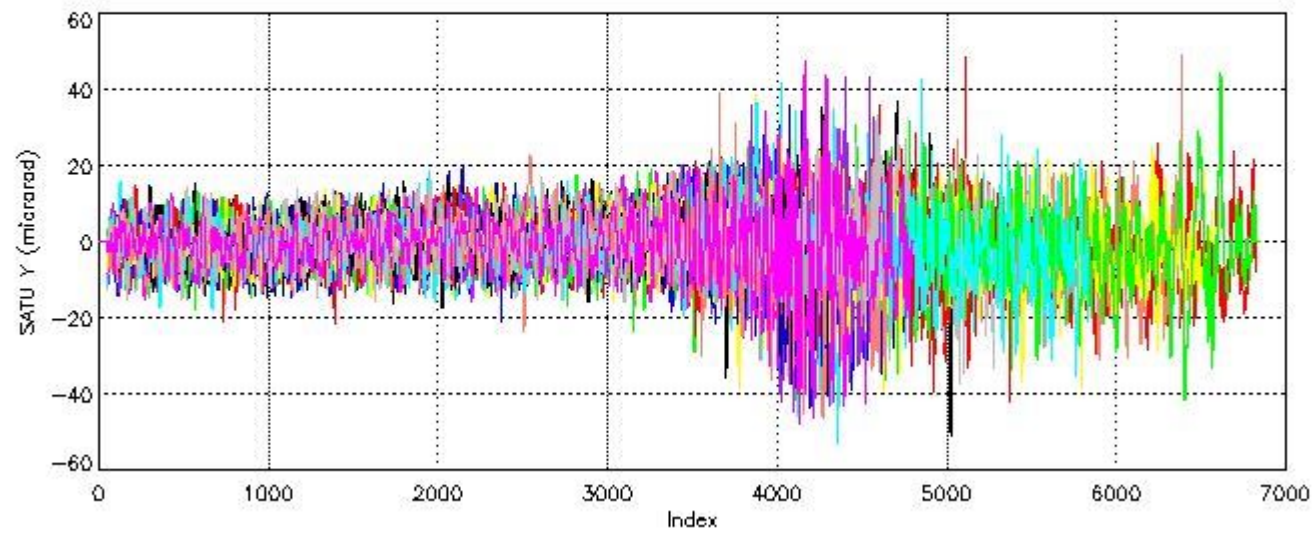
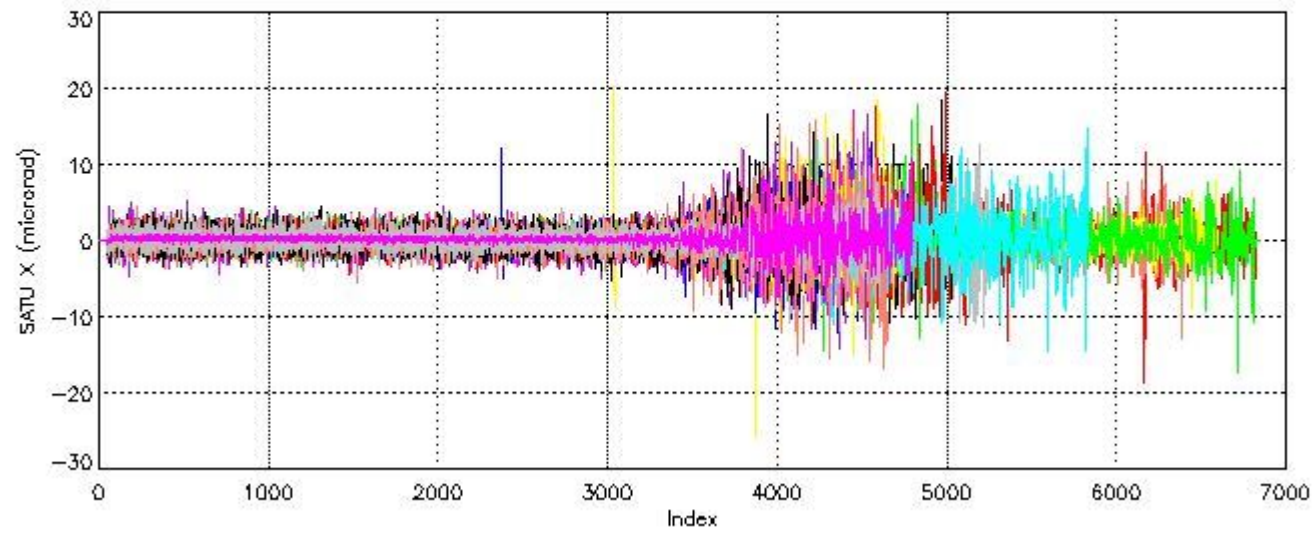


7. Star Acquisition and Tracking Unit (SATU)

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:	0.18266	-1.0835	0.23617	-0.81439
St. deviation:	0.65477	4.3426	0.75321	4.3615
Maximum:	5.2000	15.700	4.4000	20.600
Minimum:	-4.7000	-21.000	-4.0000	-20.500

Number of data:	31300.	31300.	41800.	41800.
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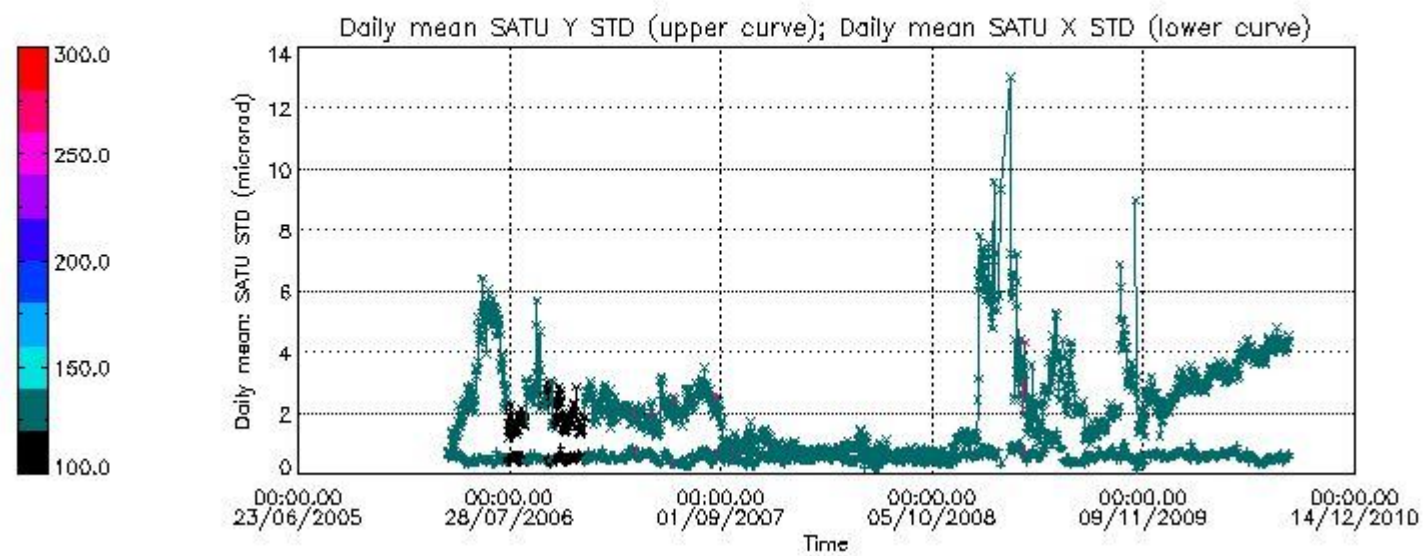
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

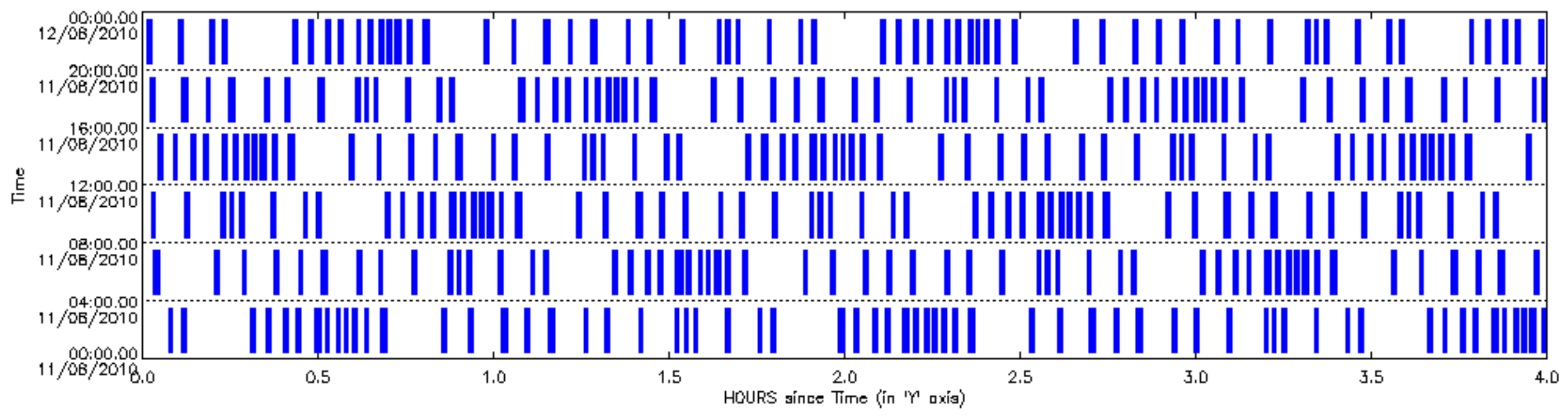
Lower curve: STD of SATU X axis

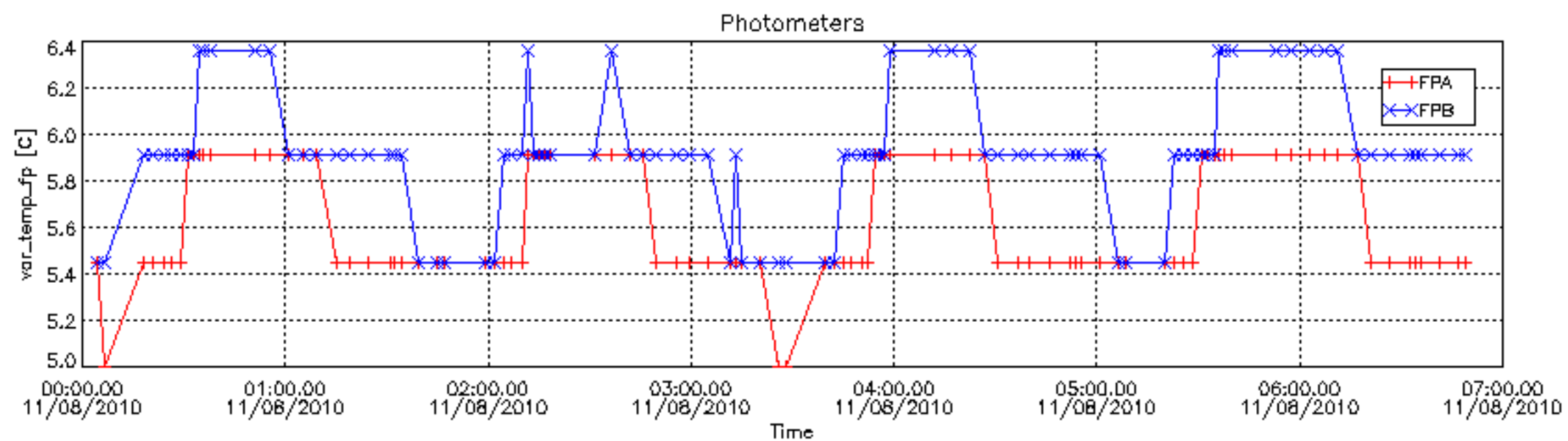
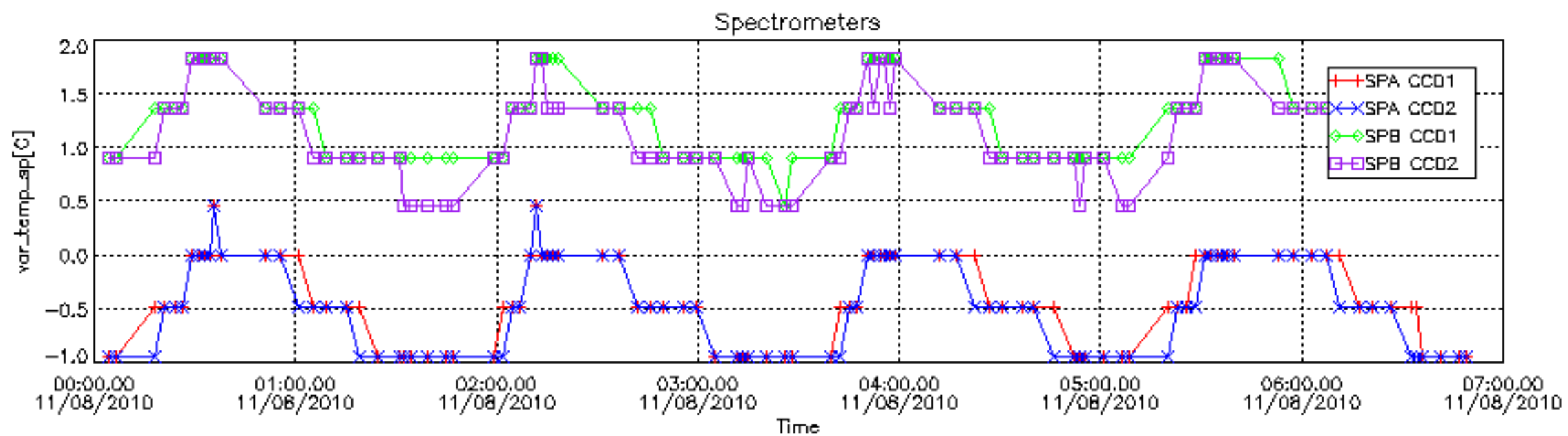


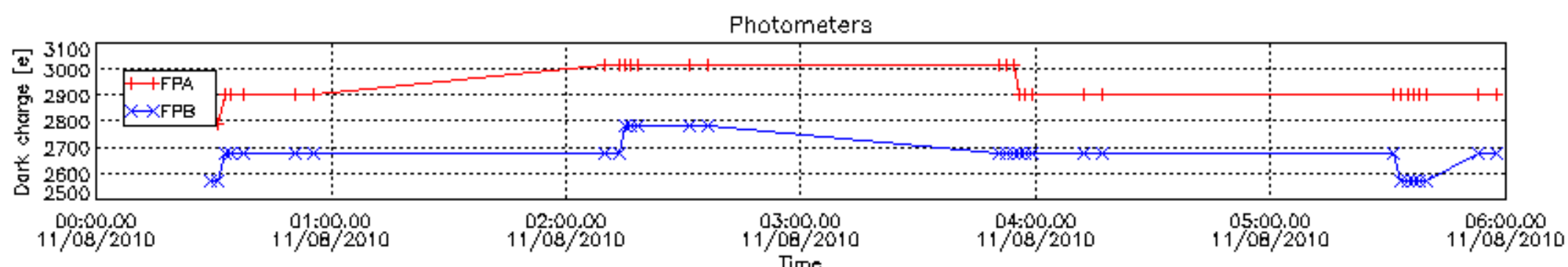
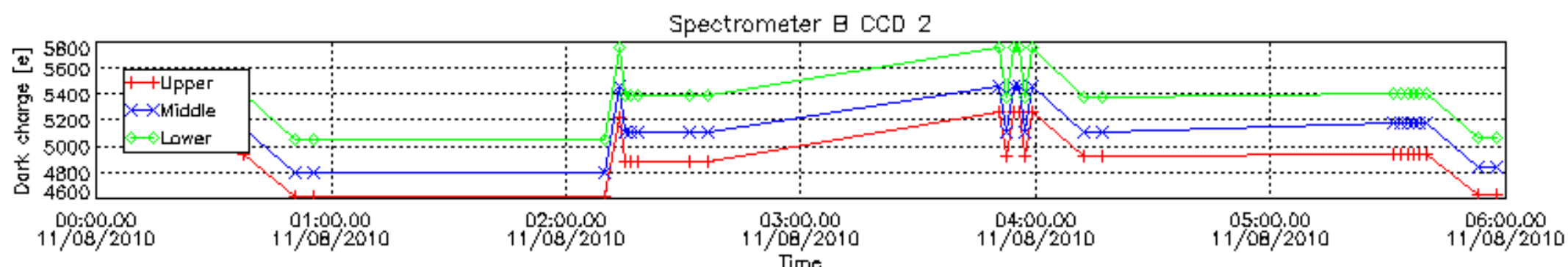
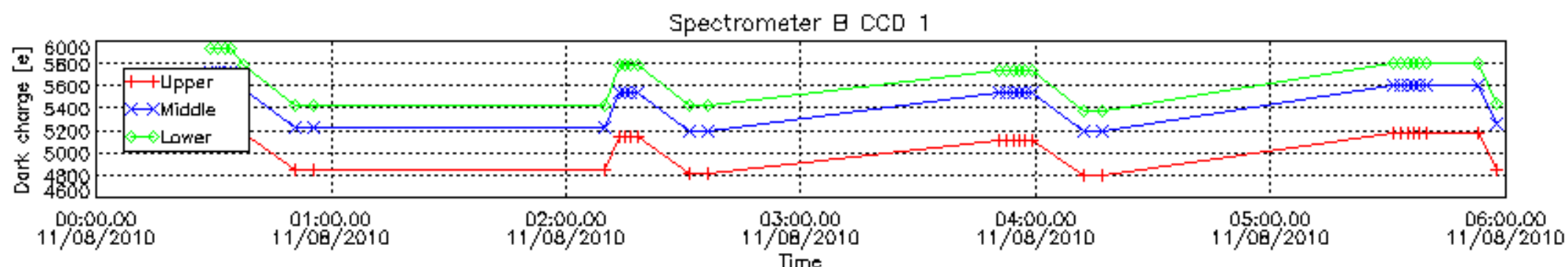
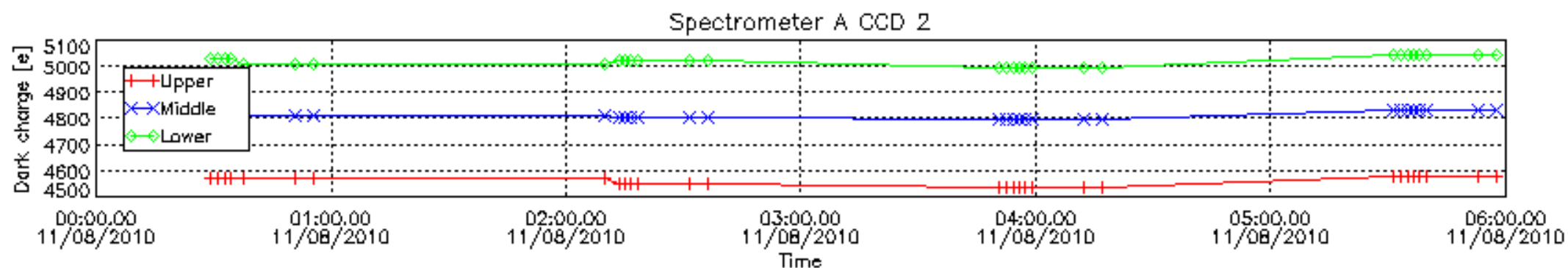
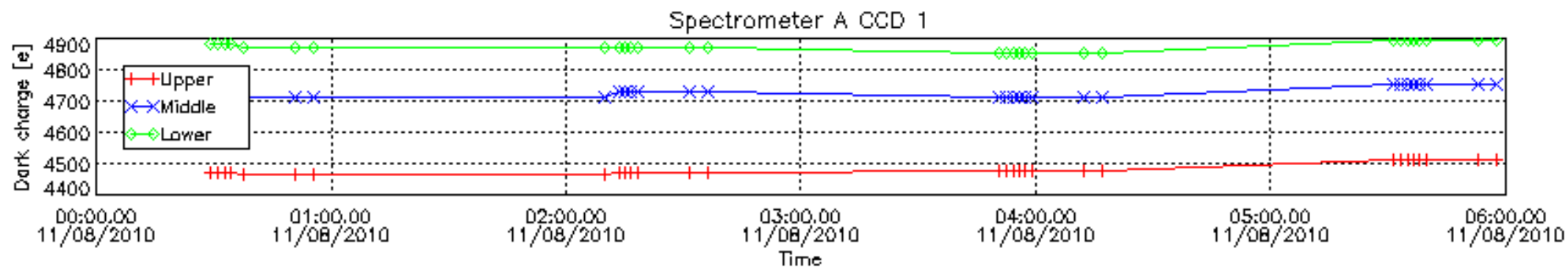
8. Auxiliary Data Files used for the production reported in section 2.4

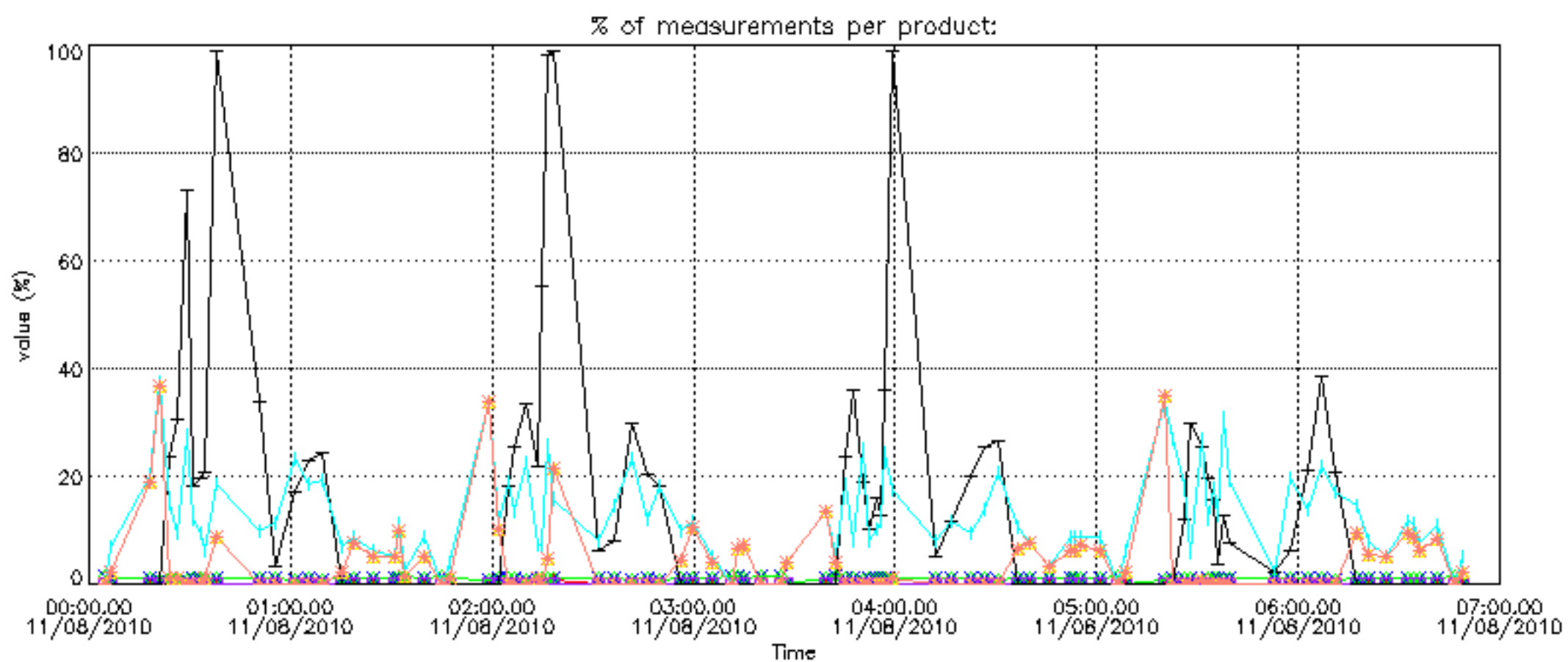
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-AUG-2010 00:04:28
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100810_092831_20100808_000000_20500101_000000	1	11-AUG-2010 00:04:28
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	11-AUG-2010 00:04:28
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	11-AUG-2010 00:04:28
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	11-AUG-2010 00:04:28
ECMWF_FILE	AUX_ECF_AXNECM20100810_054114_20100810_210000_20100811_090000	1	11-AUG-2010 00:04:28
ECMWF_FILE	AUX_ECF_AXNECM20100810_171234_20100811_030000_20100811_150000	51	11-AUG-2010 03:39:31
ECMWF_FILE	AUX_ECA_AXNECM20100811_051151_20100810_210000_20100811_090000	75	11-AUG-2010 05:20:07
OPTIONAL_ECMWF_FILE	MISSING	1	11-AUG-2010 00:04:28
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100810_225442_000057382092_00015_44157_0925.N1	1	11-AUG-2010 00:04:28
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100810_092114_20100809_183810_20100819_200424	11	11-AUG-2010 00:35:49
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100811_021117_000041442092_00017_44159_0927.N1	32	11-AUG-2010 02:11:43
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100811_032540_000057382092_00018_44160_0928.N1	51	11-AUG-2010 03:39:31
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100811_050637_000057382092_00019_44161_0929.N1	75	11-AUG-2010 05:20:07

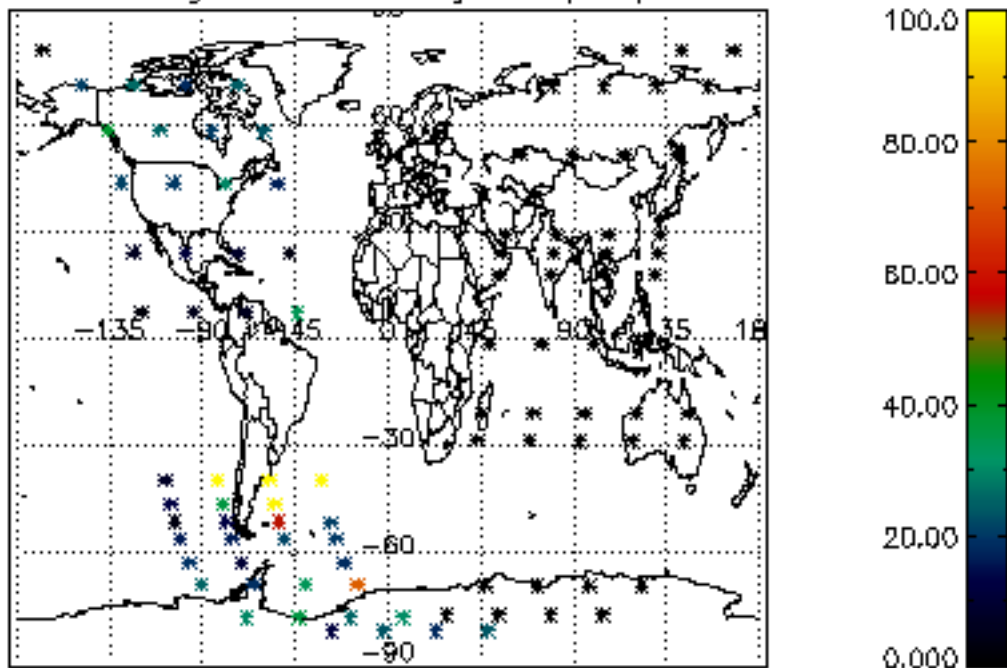




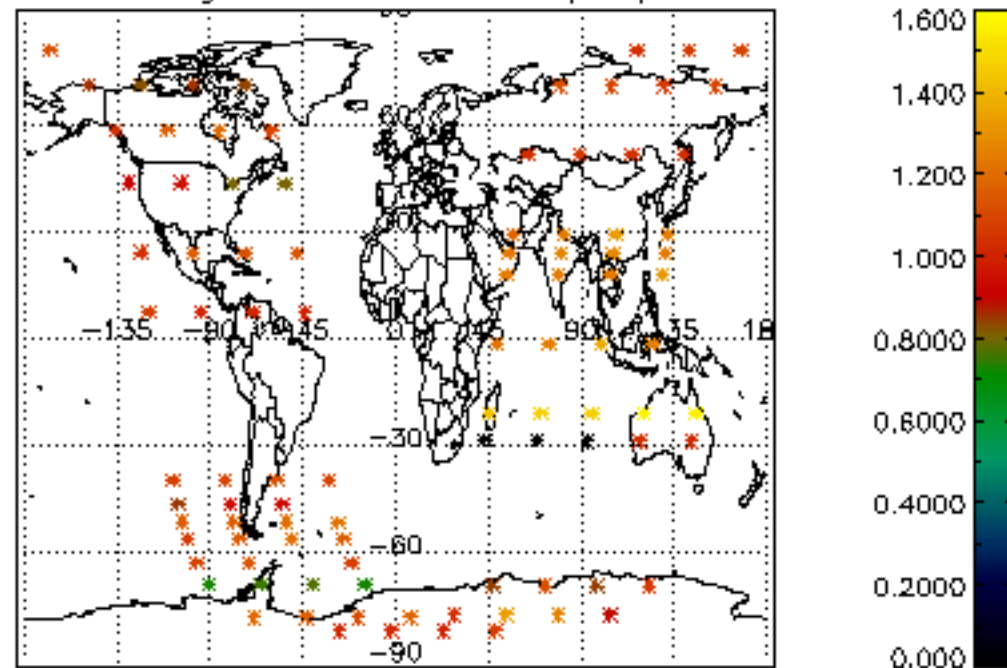




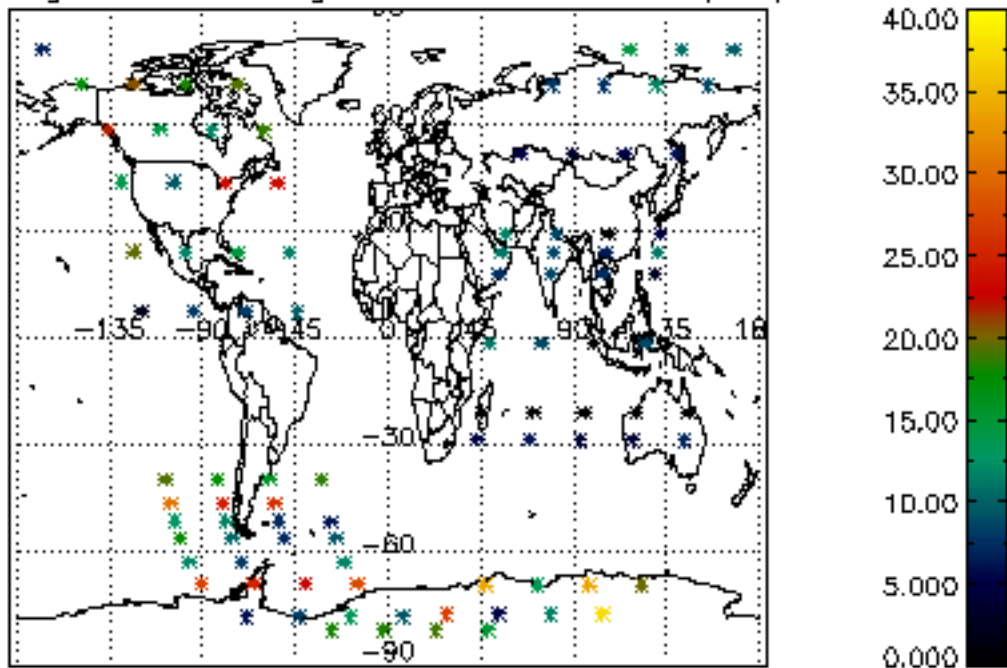
Percentage of cosmic ray hits per profile



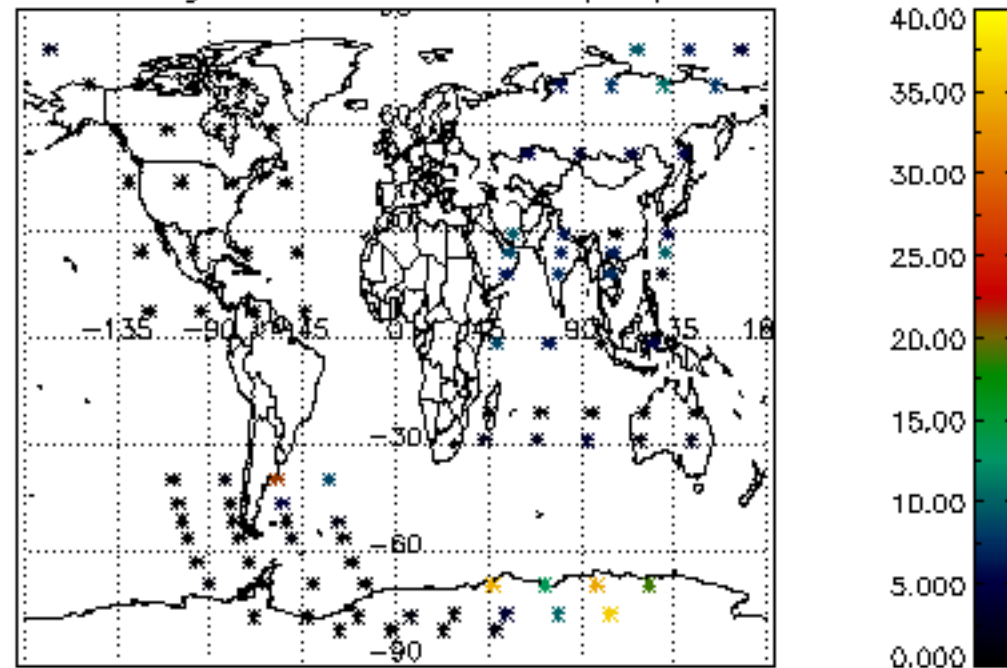
Percentage of datation errors per profile



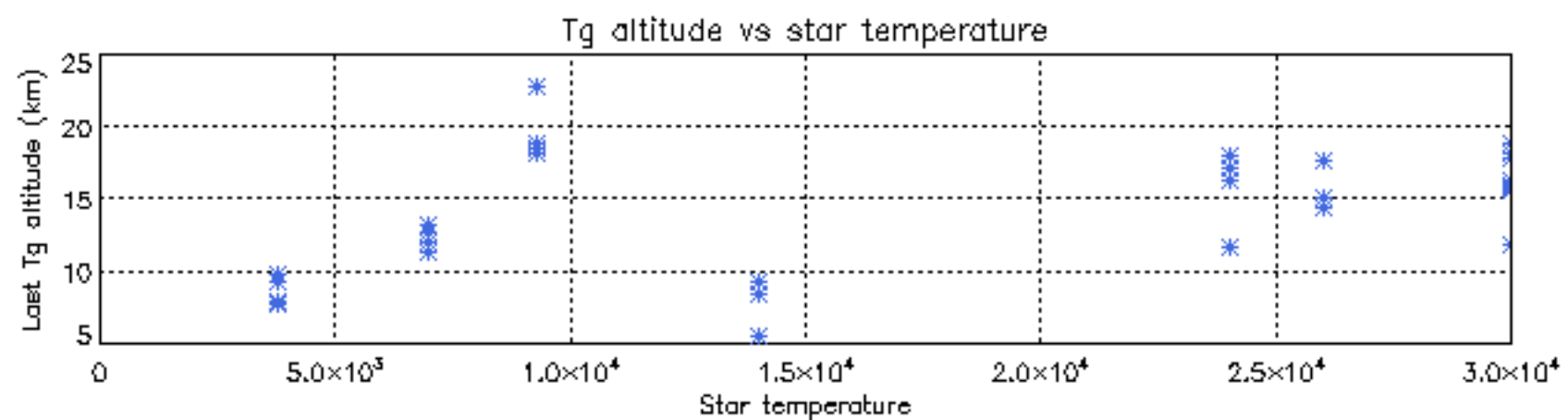
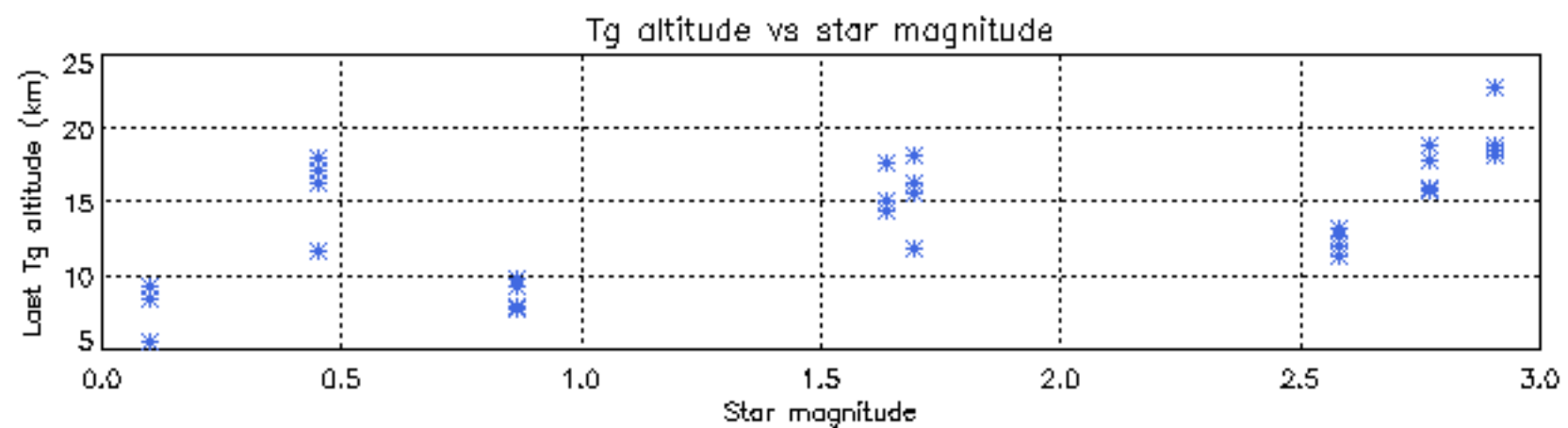
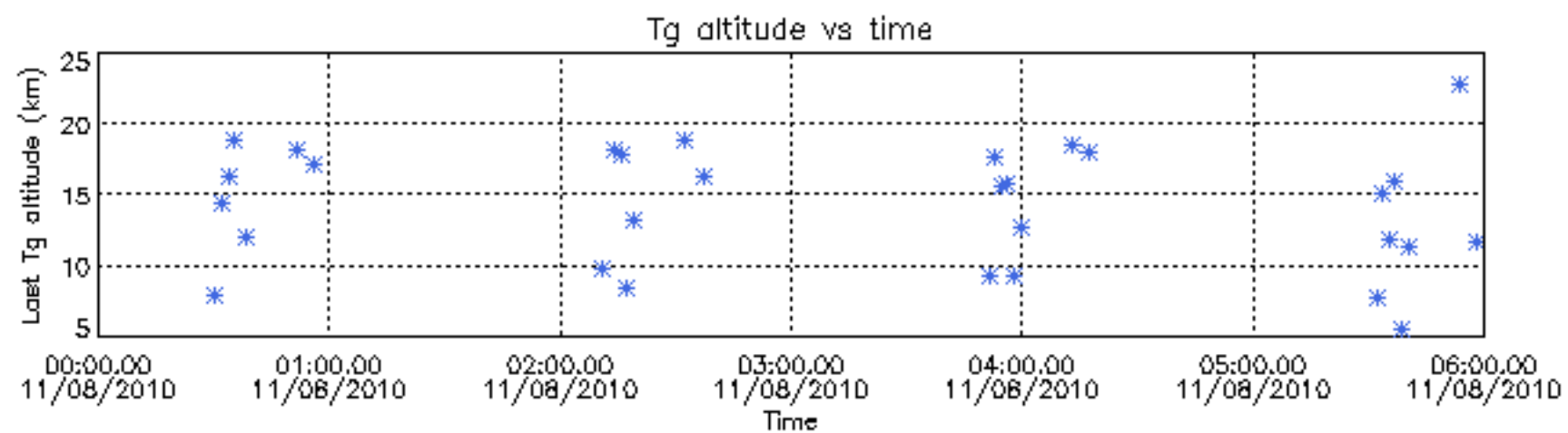
Percentage of star falling outside central band per profile



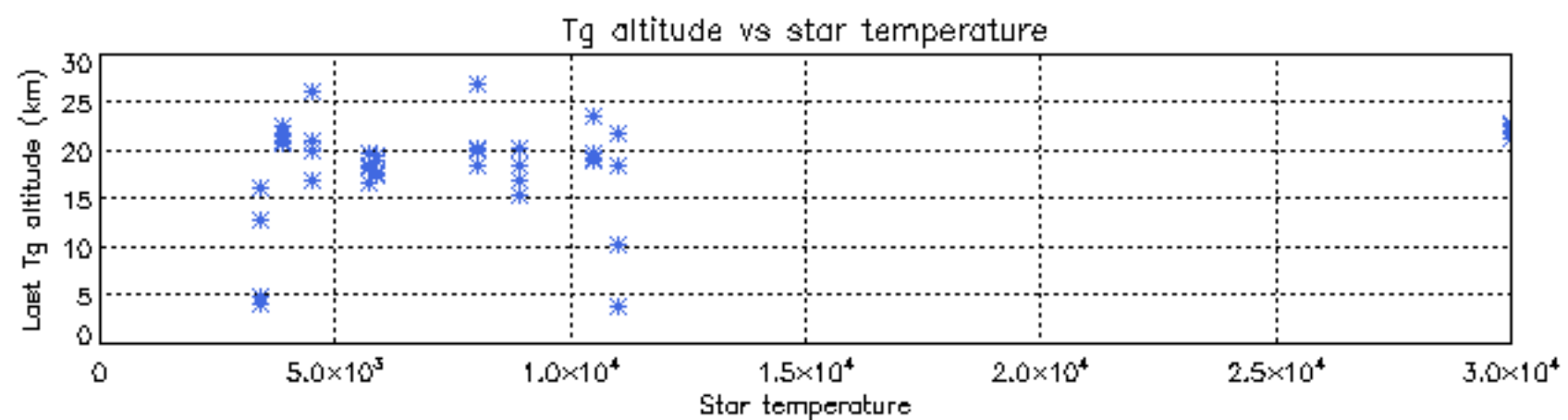
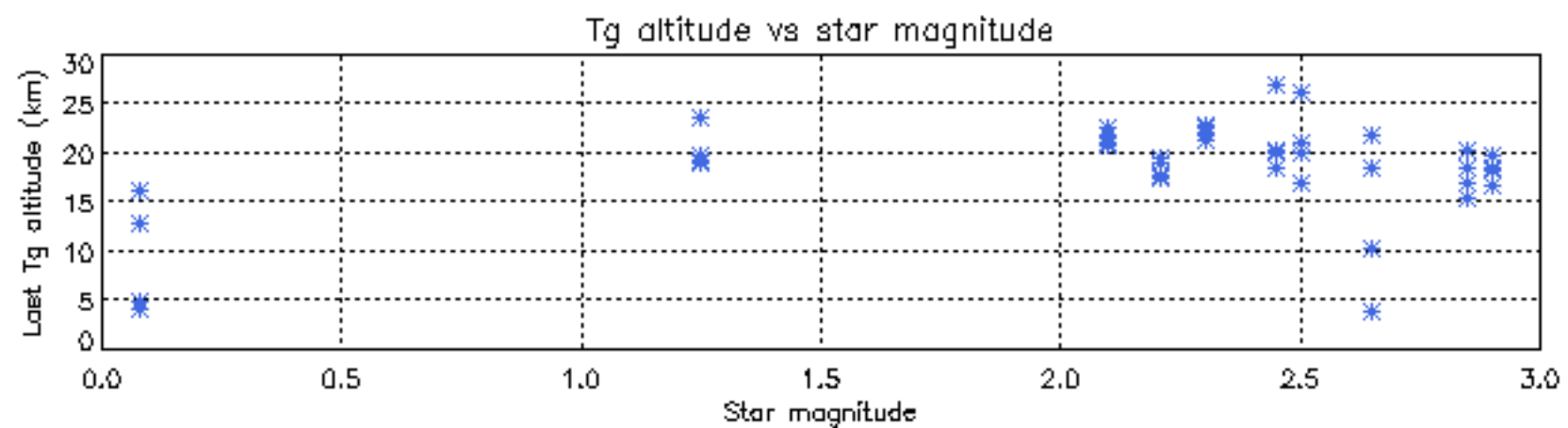
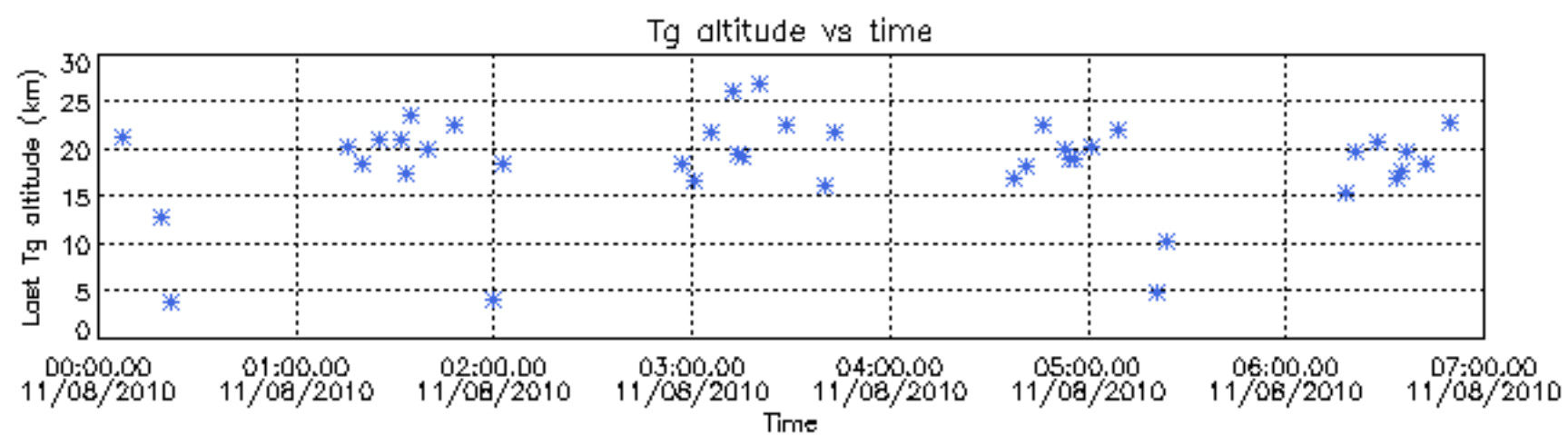
Percentage of saturation errors per profile

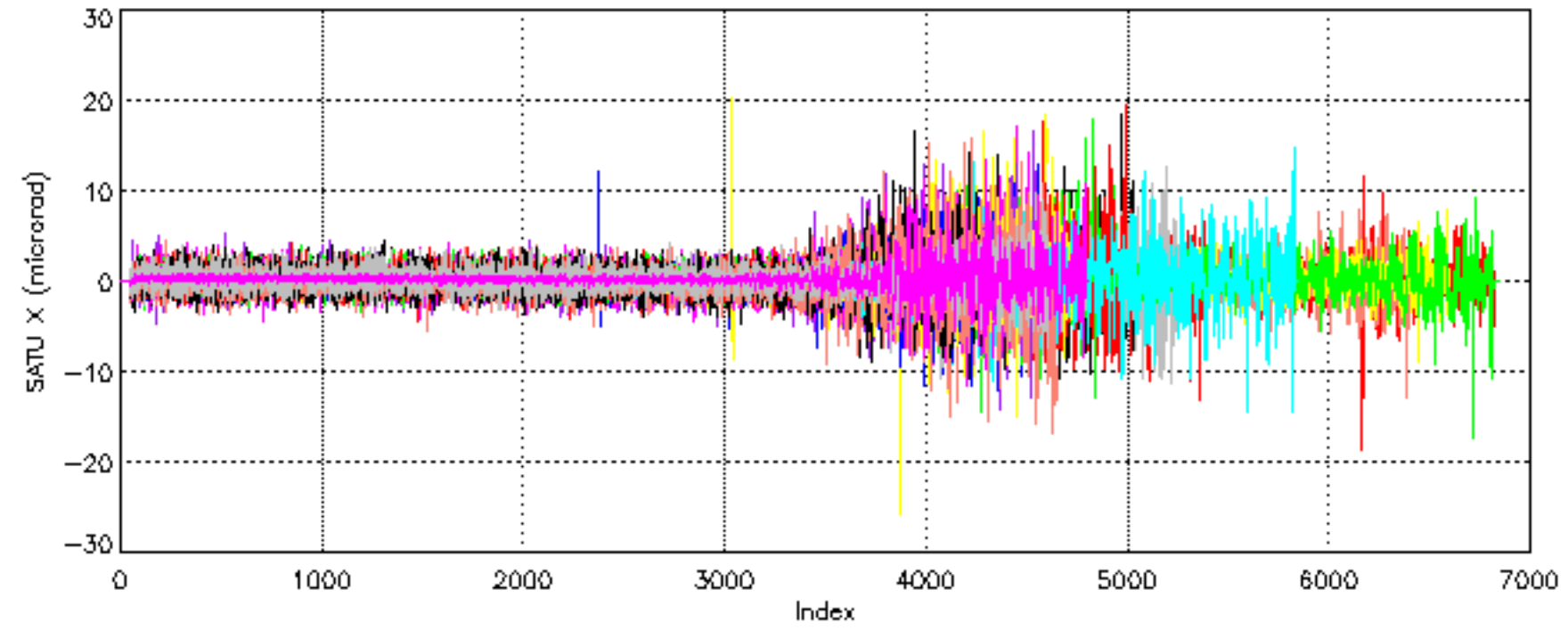


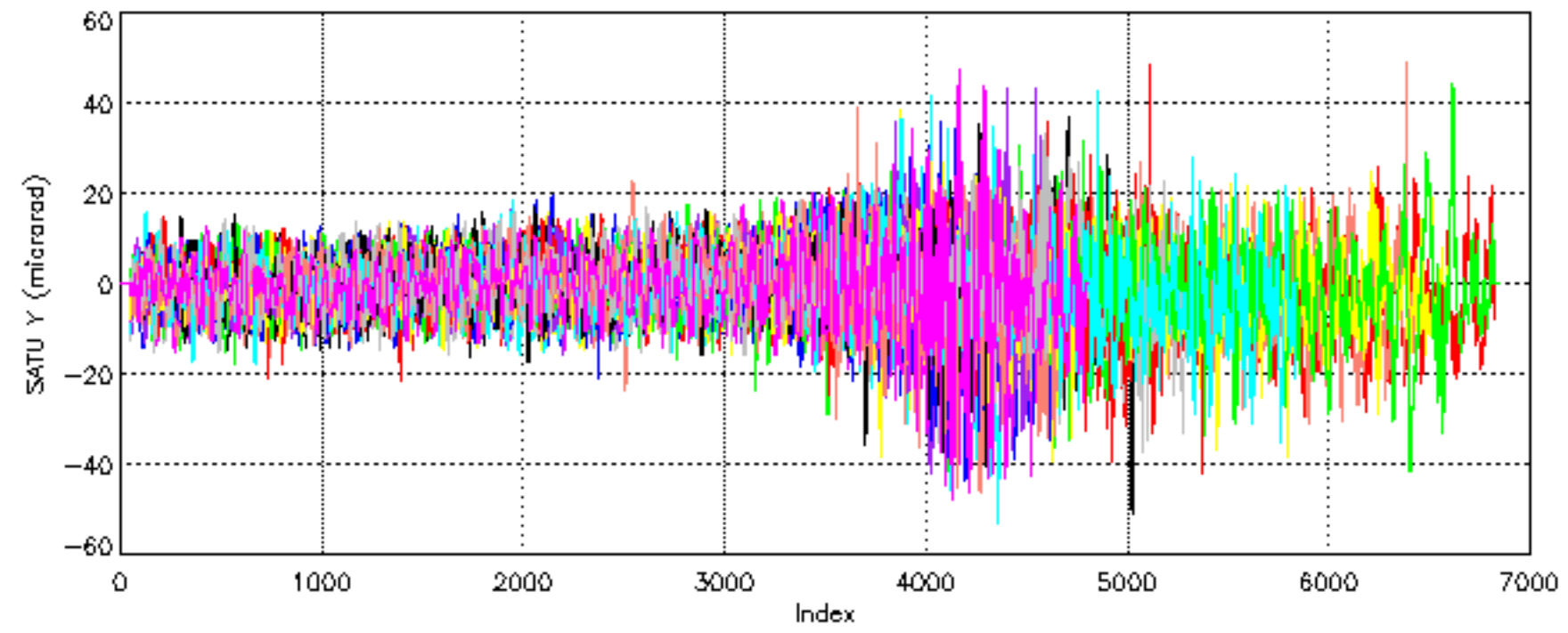
Tangent altitude at which the star is lost

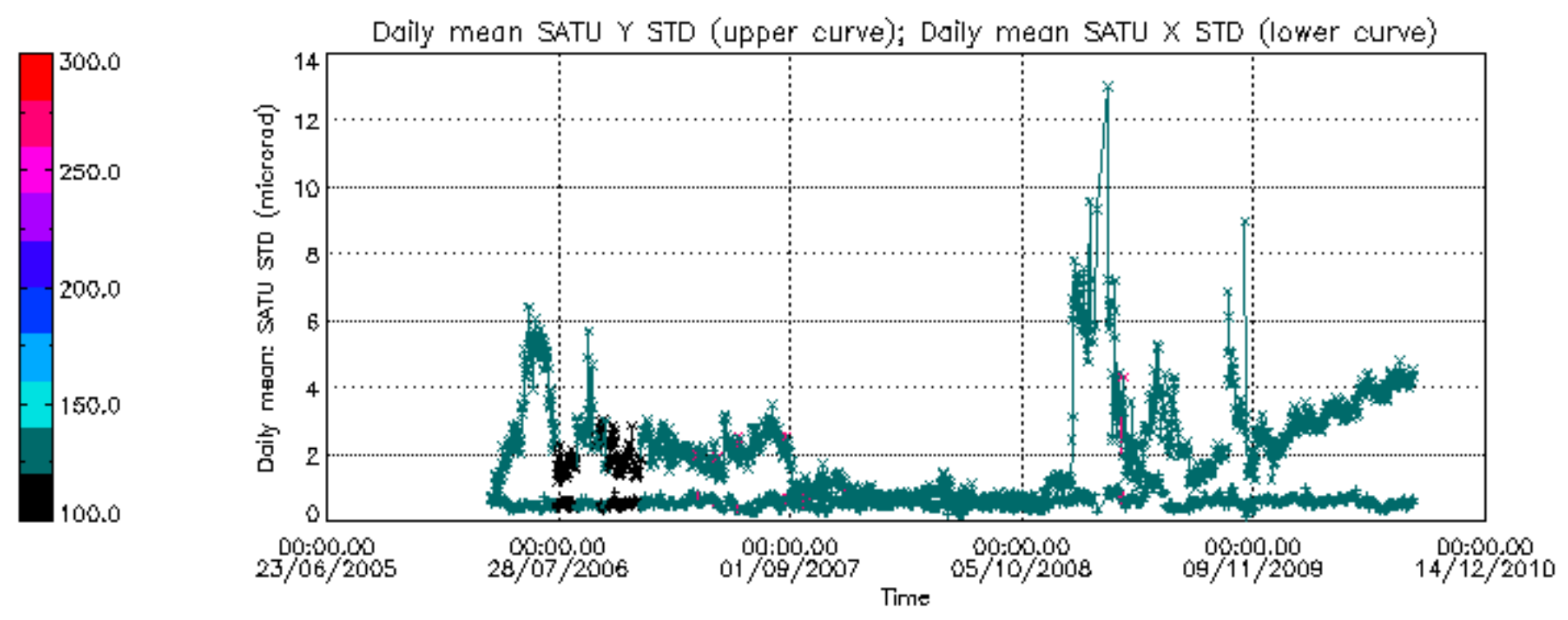


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100801_005326_000072522091_00374_44015_0601.N1

1; -592.7; 01-AUG-2010 00:53:26; Dark ; 56.0; 165; 34Gam Eri ; 2.95; 3200;occ; 112; 0;44015
 2; -304.7; 01-AUG-2010 00:58:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44015
 3; -27.8; 01-AUG-2010 01:02:51; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44015
 4; 304.4; 01-AUG-2010 01:08:23; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44016
 5; 589.1; 01-AUG-2010 01:13:08; Dark ; 64.5; 84; Alp Phe ; 2.40; 4500;occ; 129; 0;44016
 6; 917.6; 01-AUG-2010 01:18:36; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;44016
 7; 1106.1; 01-AUG-2010 01:21:45; Dark ; 46.5; 172; Gam Gru ; 3.00; 13100;occ; 93; 0;44016
 8; 2059.4; 01-AUG-2010 01:37:38; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;44016
 9; 2581.0; 01-AUG-2010 01:46:20; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44016
 10; 2695.1; 01-AUG-2010 01:48:14; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44016
 11; 3092.0; 01-AUG-2010 01:54:51; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44016
 12; 3980.4; 01-AUG-2010 02:09:39; Bright; 48.5; 160; 23Gam Per ; 2.93; 4700;occ; 97; 0;44016
 13; 4139.3; 01-AUG-2010 02:12:18; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 0;44016
 14; 4315.7; 01-AUG-2010 02:15:14; Bright; 46.5; 149; 45Eps Per ; 2.89; 30000;occ; 93; 0;44016
 15; 4500.7; 01-AUG-2010 02:18:19; Dark ; 29.0; 150; 44Zet Per ; 2.89; 28000;occ; 58; 0;44016
 16; 4638.3; 01-AUG-2010 02:20:37; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;44016
 17; 4788.1; 01-AUG-2010 02:23:07; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;44016
 18; 4908.8; 01-AUG-2010 02:25:07; Dark ; 40.5; 27; 24Gam Ori ; 1.64; 26000;occ; 81; 0;44016
 19; 5013.5; 01-AUG-2010 02:26:52; Dark ; 40.5; 72; 34Del Ori ; 2.25; 30000;occ; 81; 0;44016
 20; 5171.3; 01-AUG-2010 02:29:30; Dark ; 43.5; 7; 19Bet Ori ; 0.10; 14000;occ; 87; 0;44016
 21; 5444.4; 01-AUG-2010 02:34:03; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;44016
 22; 5731.9; 01-AUG-2010 02:38:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44016
 23; 6009.4; 01-AUG-2010 02:43:28; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44016
 24; 6340.9; 01-AUG-2010 02:49:00; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44017
 25; 6626.0; 01-AUG-2010 02:53:45; Dark ; 34.0; 84; Alp Phe ; 2.40; 4500;occ; 68; 0;44017

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100801_005326_000093602091_00374_44015_0556.N1

1; -592.7; 01-AUG-2010 00:53:26; Dark ; 56.0; 165; 34Gam Eri ; 2.95; 3200;occ; 112; 0;44015
 2; -304.7; 01-AUG-2010 00:58:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44015
 3; -27.8; 01-AUG-2010 01:02:51; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44015
 4; 304.4; 01-AUG-2010 01:08:23; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44016
 5; 589.1; 01-AUG-2010 01:13:08; Dark ; 64.5; 84; Alp Phe ; 2.40; 4500;occ; 129; 0;44016
 6; 917.6; 01-AUG-2010 01:18:36; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;44016
 7; 1106.1; 01-AUG-2010 01:21:45; Dark ; 46.5; 172; Gam Gru ; 3.00; 13100;occ; 93; 0;44016
 8; 2059.4; 01-AUG-2010 01:37:38; Bright; 38.0; 11; 53Alp Aql ; 0.76; 8000;occ; 76; 0;44016
 9; 2581.0; 01-AUG-2010 01:46:20; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44016
 10; 2695.1; 01-AUG-2010 01:48:14; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44016
 11; 3092.0; 01-AUG-2010 01:54:51; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44016
 12; 3980.4; 01-AUG-2010 02:09:39; Bright; 48.5; 160; 23Gam Per ; 2.93; 4700;occ; 97; 0;44016
 13; 4139.3; 01-AUG-2010 02:12:18; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 0;44016
 14; 4315.7; 01-AUG-2010 02:15:14; Bright; 46.5; 149; 45Eps Per ; 2.89; 30000;occ; 93; 0;44016
 15; 4500.7; 01-AUG-2010 02:18:19; Dark ; 29.0; 150; 44Zet Per ; 2.89; 28000;occ; 58; 0;44016
 16; 4638.3; 01-AUG-2010 02:20:37; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;44016
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22; 5061.9; 08-AUG-2010 02:07:34; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;44116
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3; -690.6; 08-AUG-2010 02:12:17; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44116
4; -527.9; 08-AUG-2010 02:15:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44116
5; 75.4; 08-AUG-2010 02:25:03; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44117
6; 374.1; 08-AUG-2010 02:30:02; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44117
7; 692.6; 08-AUG-2010 02:35:20; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44117
8; 966.1; 08-AUG-2010 02:39:54; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;44117
9; 1194.3; 08-AUG-2010 02:43:42; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44117
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11; 1807.6; 08-AUG-2010 02:53:56; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;44117
12; 2535.8; 08-AUG-2010 03:06:04; Bright; 43.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 86; 0;44117
13; 2618.7; 08-AUG-2010 03:07:27; Bright; 41.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 83; 0;44117
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5; -1505.0; 08-AUG-2010 03:39:19; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44117
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7; -1203.3; 08-AUG-2010 03:44:21; Dark ; 64.5; 13; 87Alp Tau ; 0.87; 3800;occ; 129; 0;44117
8; -1088.9; 08-AUG-2010 03:46:15; Dark ; 44.0; 27; 24Gam Ori ; 1.64; 26000;occ; 88; 0;44117
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14; 76.8; 08-AUG-2010 04:05:41; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44118
15; 375.1; 08-AUG-2010 04:10:39; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44118
16; 694.1; 08-AUG-2010 04:15:58; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44118
17; 966.9; 08-AUG-2010 04:20:31; Dark ; 49.5; 31; Alp Gru ; 1.73; 15200;occ; 99; 0;44118
18; 1194.8; 08-AUG-2010 04:24:19; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44118
19; 1579.3; 08-AUG-2010 04:30:43; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44118
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22; 2619.0; 08-AUG-2010 04:48:03; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44118
23; 2726.1; 08-AUG-2010 04:49:50; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44118
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14; 375.8; 08-AUG-2010 05:51:16; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44119
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16; 967.5; 08-AUG-2010 06:01:07; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44119
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21; 2619.0; 08-AUG-2010 06:28:39; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44119
22; 2725.8; 08-AUG-2010 06:30:26; Bright; 43.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 87; 0;44119
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4; -1504.3; 08-AUG-2010 07:00:32; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44119
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6; -1202.2; 08-AUG-2010 07:05:34; Dark ; 60.0; 13; 87Alp Tau ; 0.87; 3800;occ; 120; 0;44119
7; -1087.8; 08-AUG-2010 07:07:28; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;44119
8; -972.4; 08-AUG-2010 07:09:23; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44119
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5; 3051.8; 08-AUG-2010 08:16:28; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44120
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5; 3050.9; 08-AUG-2010 09:57:03; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44121
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 17; 3367.4; 10-AUG-2010 22:23:53; Bright; 31.0; 74; 11Bet Cas ; 2.27; 6600;occ; 62; 0;44157
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 22; 4965.7; 11-AUG-2010 00:31:07; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44158
 23; 5081.3; 11-AUG-2010 00:33:02; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;44158
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4; 1802.6; 11-AUG-2010 21:26:11; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44171
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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
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8; 1222.9; 11-AUG-2010 22:57:07; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;44172
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7; 3027.1; 13-AUG-2010 15:41:33; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44196
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11; 4545.7; 13-AUG-2010 17:47:28; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;44197
12; 4683.6; 13-AUG-2010 17:49:46; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;44197
13; 4916.4; 13-AUG-2010 17:53:39; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44197
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23; 7282.3; 15-AUG-2010 12:28:03; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;44223
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 22; 7300.3; 18-AUG-2010 12:34:06; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;44266
 23; 7630.8; 18-AUG-2010 12:39:36; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44266

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 3; 2105.1; 18-AUG-2010 12:48:06; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44266
 4; 2497.2; 18-AUG-2010 12:54:39; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44266
 5; 2595.0; 18-AUG-2010 12:56:16; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;44266
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 7; 3008.4; 18-AUG-2010 13:03:10; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44266
 8; 4190.2; 18-AUG-2010 13:22:52; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;44266
 9; 4369.0; 18-AUG-2010 13:25:50; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44266
 10; 4558.9; 18-AUG-2010 13:29:00; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;44266
 11; 4729.4; 18-AUG-2010 13:31:51; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44266
 12; 4945.6; 18-AUG-2010 13:35:27; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44266
 13; 5143.0; 18-AUG-2010 13:38:44; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;44266
 14; 5229.5; 18-AUG-2010 13:40:11; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;44266
 15; 5328.4; 18-AUG-2010 13:41:50; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;44266
 16; 5436.7; 18-AUG-2010 13:43:38; Dark ; 49.0; 101; 11Alp Lep ; 2.58; 7000;occ; 98; 0;44266
 17; 5608.9; 18-AUG-2010 13:46:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44266
 18; 6283.2; 18-AUG-2010 13:57:45; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44267
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 21; 7061.9; 18-AUG-2010 14:10:43; Dark ; 40.0; 31; Alp Gru ; 1.73; 15200;occ; 80; 0;44267
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 3; 1915.5; 18-AUG-2010 14:25:33; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;44267
 4; 2104.5; 18-AUG-2010 14:28:42; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;44267
 5; 2496.9; 18-AUG-2010 14:35:14; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44267
 6; 2594.9; 18-AUG-2010 14:36:52; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;44267
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 9; 4190.2; 18-AUG-2010 15:03:27; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44267
 10; 4369.3; 18-AUG-2010 15:06:27; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44267
 11; 4559.7; 18-AUG-2010 15:09:37; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44267
 12; 4729.7; 18-AUG-2010 15:12:27; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44267
 13; 4946.2; 18-AUG-2010 15:16:03; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;44267
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 22; 7062.5; 18-AUG-2010 15:51:20; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;44268
 23; 7301.1; 18-AUG-2010 15:55:18; Dark ; 32.5; 18; 24Alp PsA ; 1.17; 9700;occ; 65; 0;44268

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 3; 1799.2; 18-AUG-2010 16:04:12; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44268
 4; 1915.6; 18-AUG-2010 16:06:09; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44268
 5; 2104.1; 18-AUG-2010 16:09:17; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;44268
 6; 2496.7; 18-AUG-2010 16:15:50; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44268
 7; 2594.8; 18-AUG-2010 16:17:28; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;44268
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 9; 3007.6; 18-AUG-2010 16:24:21; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44268


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11; 4190.2; 18-AUG-2010 16:44:03; Bright; 63.0; 6; 13Alp Aur ; 0.08; 3400;occ; 126; 0;44268
12; 4369.1; 18-AUG-2010 16:47:02; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;44268
13; 4559.7; 18-AUG-2010 16:50:13; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;44268
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16; 5144.5; 18-AUG-2010 16:59:58; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;44268
17; 5230.9; 18-AUG-2010 17:01:24; Dark ; 46.0; 125; 44Iot Ori ; 2.77; 30000;occ; 92; 0;44268
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21; 6285.7; 18-AUG-2010 17:18:59; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44269
22; 6515.1; 18-AUG-2010 17:22:48; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44269
23; 6864.0; 18-AUG-2010 17:28:37; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44269
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6; 2496.4; 18-AUG-2010 17:56:26; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44269
7; 2594.5; 18-AUG-2010 17:58:04; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44269
8; 2688.7; 18-AUG-2010 17:59:38; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44269
9; 3007.4; 18-AUG-2010 18:04:57; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44269
10; 3279.4; 18-AUG-2010 18:09:29; Bright; 26.0; 74; 11Bet Cas ; 2.27; 6600;occ; 52; 0;44269
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12; 4369.4; 18-AUG-2010 18:27:39; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44269
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16; 5145.1; 18-AUG-2010 18:40:34; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;44269
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18; 5331.4; 18-AUG-2010 18:43:41; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44269
19; 5438.7; 18-AUG-2010 18:45:28; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;44269
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22; 6515.9; 18-AUG-2010 19:03:25; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44270
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4; 1798.8; 18-AUG-2010 19:25:24; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;44270
5; 1914.7; 18-AUG-2010 19:27:20; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44270
6; 2103.7; 18-AUG-2010 19:30:29; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44270
7; 2496.4; 18-AUG-2010 19:37:02; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44270
8; 2594.6; 18-AUG-2010 19:38:40; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44270
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10; 3007.1; 18-AUG-2010 19:45:32; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44270
11; 3278.7; 18-AUG-2010 19:50:04; Bright; 29.0; 74; 11Bet Cas ; 2.27; 6600;occ; 58; 0;44270
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15; 4730.5; 18-AUG-2010 20:14:16; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44270
16; 4947.9; 18-AUG-2010 20:17:53; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;44270
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19; 5332.1; 18-AUG-2010 20:24:17; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44270
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5; 481.8; 19-AUG-2010 00:05:15; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44273
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16; 3006.3; 19-AUG-2010 00:47:19; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44273
17; 3276.1; 19-AUG-2010 00:51:49; Bright; 31.0; 74; 11Bet Cas ; 2.27; 6600;occ; 62; 0;44273
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23; 5147.6; 19-AUG-2010 01:23:00; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;44273
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6; 831.9; 19-AUG-2010 01:51:41; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;44274
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2; -583.3; 20-AUG-2010 00:56:28; Dark ; 47.0; 101; 11Alp Lep ; 2.58; 7000;occ; 94; 0;44287
3; -410.1; 20-AUG-2010 00:59:22; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44287
4; 272.6; 20-AUG-2010 01:10:44; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44288
5; 491.6; 20-AUG-2010 01:14:23; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44288
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3; -410.1; 20-AUG-2010 00:59:22; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44287
4; 272.6; 20-AUG-2010 01:10:44; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44288
5; 491.6; 20-AUG-2010 01:14:23; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44288
6; 842.8; 20-AUG-2010 01:20:15; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44288
7; 1033.0; 20-AUG-2010 01:23:25; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;44288
8; 1272.6; 20-AUG-2010 01:27:24; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44288
9; 1597.2; 20-AUG-2010 01:32:49; Bright; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;44288
10; 1798.8; 20-AUG-2010 01:36:11; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;44288
11; 1911.7; 20-AUG-2010 01:38:03; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44288
12; 2099.0; 20-AUG-2010 01:41:11; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;44288
13; 2493.4; 20-AUG-2010 01:47:45; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44288
14; 2593.2; 20-AUG-2010 01:49:25; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;44288
15; 2686.1; 20-AUG-2010 01:50:58; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44288
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17; 3264.9; 20-AUG-2010 02:00:37; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;44288
18; 4187.8; 20-AUG-2010 02:16:00; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;44288
19; 4370.7; 20-AUG-2010 02:19:02; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44288
20; 4563.6; 20-AUG-2010 02:22:15; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;44288
21; 4735.1; 20-AUG-2010 02:25:07; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44288
22; 4956.3; 20-AUG-2010 02:28:48; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;44288
23; 5040.8; 20-AUG-2010 02:30:13; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;44288
24; 5157.8; 20-AUG-2010 02:32:10; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44288
25; 5245.3; 20-AUG-2010 02:33:37; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;44288
26; 5348.5; 20-AUG-2010 02:35:20; Dark ; 59.5; 7; 19Bet Ori ; 0.10; 14000;occ; 119; 0;44288
27; 5626.6; 20-AUG-2010 02:39:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44288
28; 6309.5; 20-AUG-2010 02:51:21; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44289
29; 6528.0; 20-AUG-2010 02:55:00; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44289
30; 6879.5; 20-AUG-2010 03:00:51; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44289
31; 7073.2; 20-AUG-2010 03:04:05; Dark ; 37.5; 31; Alp Gru ; 1.73; 15200;occ; 75; 0;44289
32; 7309.0; 20-AUG-2010 03:08:01; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;44289
33; 7633.4; 20-AUG-2010 03:13:25; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;44289
34; 7834.9; 20-AUG-2010 03:16:47; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44289
35; 7947.1; 20-AUG-2010 03:18:39; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44289
36; 8134.8; 20-AUG-2010 03:21:46; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44289
37; 8529.4; 20-AUG-2010 03:28:21; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44289

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11; 3264.9; 20-AUG-2010 02:00:37; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;44288
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13; 4370.7; 20-AUG-2010 02:19:02; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44288
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18; 5157.8; 20-AUG-2010 02:32:10; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44288
19; 5245.3; 20-AUG-2010 02:33:37; Dark ; 45.5; 125; 44Tot Ori ; 2.77; 30000;occ; 91; 0;44288
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21; 5626.6; 20-AUG-2010 02:39:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44288
22; 6309.5; 20-AUG-2010 02:51:21; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44289
23; 6528.0; 20-AUG-2010 02:55:00; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44289
24; 6879.5; 20-AUG-2010 03:00:51; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44289
25; 7073.2; 20-AUG-2010 03:04:05; Dark ; 37.5; 31; Alp Gru ; 1.73; 15200;occ; 75; 0;44289
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27; 7633.4; 20-AUG-2010 03:13:25; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;44289
28; 7834.9; 20-AUG-2010 03:16:47; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44289
29; 7947.1; 20-AUG-2010 03:18:39; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44289
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31; 8529.4; 20-AUG-2010 03:28:21; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44289
32; 8629.4; 20-AUG-2010 03:30:01; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44289
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5; 4563.9; 20-AUG-2010 04:02:52; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;44289
6; 4735.5; 20-AUG-2010 04:05:43; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;44289
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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9; 5158.7; 20-AUG-2010 04:12:46; Dark ; 52.0; 30; 46Eps Ori ; 1.69; 30000;occ; 104; 0;44289
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12; 5454.0; 20-AUG-2010 04:17:42; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;44289
13; 5627.6; 20-AUG-2010 04:20:35; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44289
14; 6310.7; 20-AUG-2010 04:31:58; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44290
15; 6529.2; 20-AUG-2010 04:35:37; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44290
16; 6880.4; 20-AUG-2010 04:41:28; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44290
17; 7024.1; 20-AUG-2010 04:43:52; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;44290
18; 7309.5; 20-AUG-2010 04:48:37; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44290
19; 7633.7; 20-AUG-2010 04:54:01; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;44290
20; 7835.1; 20-AUG-2010 04:57:23; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44290
21; 7947.6; 20-AUG-2010 04:59:15; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;44290
22; 8134.6; 20-AUG-2010 05:02:22; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44290
23; 8529.7; 20-AUG-2010 05:08:57; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44290
24; 8629.5; 20-AUG-2010 05:10:37; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44290
25; 8721.6; 20-AUG-2010 05:12:09; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44290
26; 9038.7; 20-AUG-2010 05:17:26; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44290
27; 9299.7; 20-AUG-2010 05:21:47; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44290
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2; -1665.4; 20-AUG-2010 05:40:14; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;44290
3; -1471.8; 20-AUG-2010 05:43:28; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44290

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5; -1078.7; 20-AUG-2010 05:50:01; Dark ; 42.5; 14; 58Alp Ori ; 0.87; 3000;occ; 85; 0;44290
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7; -876.6; 20-AUG-2010 05:53:23; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;44290
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9; -685.6; 20-AUG-2010 05:56:34; Dark ; 64.5; 7; 19Bet Ori ; 0.10; 14000;occ; 129; 0;44290
10; -581.5; 20-AUG-2010 05:58:18; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;44290
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15; 988.6; 20-AUG-2010 06:24:28; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;44291
16; 1273.8; 20-AUG-2010 06:29:13; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;44291
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18; 1799.1; 20-AUG-2010 06:37:59; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44291
19; 1910.9; 20-AUG-2010 06:39:51; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44291
20; 2098.2; 20-AUG-2010 06:42:58; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44291
21; 2493.5; 20-AUG-2010 06:49:33; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44291
22; 2593.3; 20-AUG-2010 06:51:13; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44291
23; 2685.6; 20-AUG-2010 06:52:45; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44291
24; 3002.1; 20-AUG-2010 06:58:02; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44291
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4; 1599.0; 20-AUG-2010 19:59:26; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44299
5; 1798.8; 20-AUG-2010 20:02:46; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44299
6; 1909.7; 20-AUG-2010 20:04:37; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44299
7; 2096.5; 20-AUG-2010 20:07:44; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44299
8; 2492.2; 20-AUG-2010 20:14:19; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44299
9; 2684.6; 20-AUG-2010 20:17:32; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44299
10; 3000.3; 20-AUG-2010 20:22:47; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44299
11; 3256.7; 20-AUG-2010 20:27:04; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44299
12; 4186.4; 20-AUG-2010 20:42:34; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;44299
13; 4371.2; 20-AUG-2010 20:45:38; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;44299
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3; -870.3; 20-AUG-2010 20:58:53; Dark ; 52.5; 30; 46Eps Ori ; 1.69; 30000;occ; 105; 0;44299
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8; 287.1; 20-AUG-2010 21:18:10; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44300
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
12; 1277.4; 20-AUG-2010 21:34:40; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44300
13; 1598.6; 20-AUG-2010 21:40:02; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44300
14; 1798.7; 20-AUG-2010 21:43:22; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44300
15; 1909.6; 20-AUG-2010 21:45:13; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44300
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17; 2492.0; 20-AUG-2010 21:54:55; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44300
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27; 5166.3; 20-AUG-2010 22:39:29; Dark ; 52.0; 30; 46Eps Ori ; 1.69; 30000;occ; 104; 0;44300
28; 5254.1; 20-AUG-2010 22:40:57; Dark ; 48.5; 125; 44Tot Ori ; 2.77; 30000;occ; 97; 0;44300


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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
6; 852.8; 20-AUG-2010 23:08:12; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;44301
7; 992.6; 20-AUG-2010 23:10:31; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;44301
8; 1277.6; 20-AUG-2010 23:15:16; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44301
9; 1598.9; 20-AUG-2010 23:20:38; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;44301
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12; 2096.1; 20-AUG-2010 23:28:55; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44301
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22; 5049.7; 21-AUG-2010 00:18:09; Dark ; 52.0; 27; 24Gam Ori ; 1.64; 26000;occ; 104; 0;44301
23; 5167.0; 21-AUG-2010 00:20:06; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;44301
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13; 494.3; 20-AUG-2010 07:56:50; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;44292
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4; 2493.0; 20-AUG-2010 08:30:09; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44292
5; 2593.4; 20-AUG-2010 08:31:49; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;44292
6; 2685.3; 20-AUG-2010 08:33:21; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44292
7; 3002.5; 20-AUG-2010 08:38:38; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44292
8; 3262.0; 20-AUG-2010 08:42:58; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;44292
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14; 5043.6; 20-AUG-2010 09:12:39; Dark ; 57.5; 27; 24Gam Ori ; 1.64; 26000;occ; 115; 0;44292
15; 5160.8; 20-AUG-2010 09:14:36; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;44292
16; 5248.2; 20-AUG-2010 09:16:04; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44292
17; 5352.4; 20-AUG-2010 09:17:48; Dark ; 66.0; 7; 19Bet Ori ; 0.10; 14000;occ; 132; 0;44292
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22; 6882.5; 20-AUG-2010 09:43:18; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44293
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4; 2493.1; 20-AUG-2010 10:10:45; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44293
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6; 2685.4; 20-AUG-2010 10:13:57; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44293
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9; 4187.3; 20-AUG-2010 10:38:59; Bright; 64.0; 6; 13Alp Aur ; 0.08; 3400;occ; 128; 0;44293
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12; 4736.5; 20-AUG-2010 10:48:08; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;44293
13; 4958.8; 20-AUG-2010 10:51:50; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;44293
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4; 2492.7; 20-AUG-2010 11:51:20; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44294
5; 2592.8; 20-AUG-2010 11:53:00; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44294
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8; 3001.6; 20-AUG-2010 13:40:25; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;44295
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11; 4370.9; 20-AUG-2010 14:03:14; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;44295
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16;	5162.9;	20-AUG-2010	14:16:26;	Dark	;	50.0;	30;	46Eps Ori	;	1.69;	30000;occ;	100;	0;	44295
17;	5250.4;	20-AUG-2010	14:17:54;	Dark	;	48.0;	125;	44Iot Ori	;	2.77;	30000;occ;	96;	0;	44295
18;	5355.0;	20-AUG-2010	14:19:38;	Dark	;	67.0;	7;	19Bet Ori	;	0.10;	14000;occ;	134;	0;	44295
19;	5458.7;	20-AUG-2010	14:21:22;	Dark	;	48.5;	101;	11Alp Lep	;	2.58;	7000;occ;	97;	0;	44295
20;	5632.4;	20-AUG-2010	14:24:16;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	44295
21;	6317.8;	20-AUG-2010	14:35:41;	Dark	;	51.5;	157;	The1Eri	;	2.91;	9300;occ;	103;	0;	44296
22;	6533.1;	20-AUG-2010	14:39:16;	Dark	;	45.0;	9;	Alp Eri	;	0.45;	24000;occ;	90;	0;	44296
23;	6885.0;	20-AUG-2010	14:45:08;	Dark	;	60.5;	84;	Alp Phe	;	2.40;	4500;occ;	121;	0;	44296
24;	7027.0;	20-AUG-2010	14:47:30;	Dark	;	48.0;	63;	Bet Gru	;	2.15;	2800;occ;	96;	0;	44296
25;	7311.9;	20-AUG-2010	14:52:15;	Dark	;	53.0;	18;	24Alp PsA	;	1.17;	9700;occ;	106;	0;	44296
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2;	1799.3;	20-AUG-2010	15:00:58;	Bright;	;	40.5;	154;	22Bet Aqr	;	2.90;	5700;occ;	81;	0;	44296
3;	1910.2;	20-AUG-2010	15:02:49;	Bright;	;	45.5;	162;	34Alp Aqr	;	2.94;	5350;occ;	91;	0;	44296
4;	2097.5;	20-AUG-2010	15:05:57;	Bright;	;	41.5;	61;	8Eps Peg	;	2.10;	3900;occ;	83;	0;	44296
5;	2492.9;	20-AUG-2010	15:12:32;	Bright;	;	41.0;	92;	53Eps Cyg	;	2.50;	4500;occ;	82;	0;	44296
6;	2684.8;	20-AUG-2010	15:15:44;	Bright;	;	40.5;	19;	50Alp Cyg	;	1.25;	10500;occ;	81;	0;	44296
7;	3001.3;	20-AUG-2010	15:21:00;	Bright;	;	40.0;	89;	5Alp Cep	;	2.45;	8000;occ;	80;	0;	44296
8;	3258.8;	20-AUG-2010	15:25:18;	Bright;	;	47.0;	74;	11Bet Cas	;	2.27;	6600;occ;	94;	0;	44296
9;	4187.1;	20-AUG-2010	15:40:46;	Bright;	;	56.0;	6;	13Alp Aur	;	0.08;	3400;occ;	112;	0;	44296
10;	4371.2;	20-AUG-2010	15:43:50;	Bright;	;	41.0;	107;	37The Aur	;	2.65;	11000;occ;	82;	0;	44296
11;	4565.4;	20-AUG-2010	15:47:05;	Dark	;	50.0;	28;	12Bet Tau	;	1.65;	15200;occ;	100;	0;	44296
12;	4737.4;	20-AUG-2010	15:49:57;	Dark	;	47.0;	44;	24Gam Gem	;	1.93;	11000;occ;	94;	0;	44296
13;	4960.5;	20-AUG-2010	15:53:40;	Dark	;	52.5;	14;	58Alp Ori	;	0.87;	3000;occ;	105;	0;	44296
14;	5046.7;	20-AUG-2010	15:55:06;	Dark	;	56.5;	27;	24Gam Ori	;	1.64;	26000;occ;	113;	0;	44296
15;	5163.5;	20-AUG-2010	15:57:03;	Dark	;	52.5;	30;	46Eps Ori	;	1.69;	30000;occ;	105;	0;	44296
16;	5251.2;	20-AUG-2010	15:58:30;	Dark	;	47.5;	125;	44Iot Ori	;	2.77;	30000;occ;	95;	0;	44296
17;	5355.8;	20-AUG-2010	16:00:15;	Dark	;	57.5;	7;	19Bet Ori	;	0.10;	14000;occ;	115;	0;	44296
18;	5459.5;	20-AUG-2010	16:01:59;	Dark	;	47.0;	101;	11Alp Lep	;	2.58;	7000;occ;	94;	0;	44296
19;	5633.4;	20-AUG-2010	16:04:52;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	44296
20;	6319.4;	20-AUG-2010	16:16:19;	Dark	;	49.5;	157;	The1Eri	;	2.91;	9300;occ;	99;	0;	44297
21;	6534.0;	20-AUG-2010	16:19:53;	Dark	;	44.5;	9;	Alp Eri	;	0.45;	24000;occ;	89;	0;	44297
22;	6886.0;	20-AUG-2010	16:25:45;	Dark	;	51.0;	84;	Alp Phe	;	2.40;	4500;occ;	102;	0;	44297
23;	7027.2;	20-AUG-2010	16:28:06;	Dark	;	48.5;	63;	Bet Gru	;	2.15;	2800;occ;	97;	0;	44297
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2;	1598.7;	20-AUG-2010	16:38:14;	Bright;	;	42.5;	142;	49Del Cap	;	2.85;	8900;occ;	85;	0;	44297
3;	1799.1;	20-AUG-2010	16:41:34;	Bright;	;	41.0;	154;	22Bet Aqr	;	2.90;	5700;occ;	82;	0;	44297
4;	1910.4;	20-AUG-2010	16:43:26;	Bright;	;	45.0;	162;	34Alp Aqr	;	2.94;	5350;occ;	90;	0;	44297
5;	2097.2;	20-AUG-2010	16:46:32;	Bright;	;	41.5;	61;	8Eps Peg	;	2.10;	3900;occ;	83;	0;	44297
6;	2492.5;	20-AUG-2010	16:53:08;	Bright;	;	36.5;	92;	53Eps Cyg	;	2.50;	4500;occ;	73;	0;	44297
7;	2685.0;	20-AUG-2010	16:56:20;	Bright;	;	38.5;	19;	50Alp Cyg	;	1.25;	10500;occ;	77;	0;	44297
8;	3000.9;	20-AUG-2010	17:01:36;	Bright;	;	38.5;	89;	5Alp Cep	;	2.45;	8000;occ;	77;	0;	44297
9;	3258.2;	20-AUG-2010	17:05:53;	Bright;	;	47.5;	74;	11Bet Cas	;	2.27;	6600;occ;	95;	0;	44297
10;	4186.9;	20-AUG-2010	17:21:22;	Bright;	;	51.5;	6;	13Alp Aur	;	0.08;	3400;occ;	103;	0;	44297
11;	4371.1;	20-AUG-2010	17:24:26;	Bright;	;	43.5;	107;	37The Aur	;	2.65;	11000;occ;	87;	0;	44297
12;	4565.6;	20-AUG-2010	17:27:41;	Dark	;	56.0;	28;	12Bet Tau	;	1.65;	15200;occ;	112;	0;	44297
13;	4737.7;	20-AUG-2010	17:30:33;	Dark	;	44.0;	44;	24Gam Gem	;	1.93;	11000;occ;	88;	0;	44297
14;	4961.1;	20-AUG-2010	17:34:16;	Dark	;	51.0;	14;	58Alp Ori	;	0.87;	3000;occ;	102;	0;	44297
15;	5047.2;	20-AUG-2010	17:35:42;	Dark	;	56.0;	27;	24Gam Ori	;	1.64;	26000;occ;	112;	0;	44297
16;	5164.4;	20-AUG-2010	17:37:39;	Dark	;	53.0;	30;	46Eps Ori	;	1.69;	30000;occ;	106;	0;	44297
17;	5252.2;	20-AUG-2010	17:39:07;	Dark	;	46.5;	125;	44Iot Ori	;	2.77;	30000;occ;	93;	0;	44297
18;	5356.8;	20-AUG-2010	17:40:52;	Dark	;	60.0;	7;	19Bet Ori	;	0.10;	14000;occ;	120;	0;	44297
19;	5460.4;	20-AUG-2010	17:42:36;	Dark	;	50.5;	101;	11Alp Lep	;	2.58;	7000;occ;	101;	0;	44297
20;	5634.2;	20-AUG-2010	17:45:29;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	44297
21;	6321.0;	20-AUG-2010	17:56:56;	Dark	;	50.5;	157;	The1Eri	;	2.91;	9300;occ;	101;	0;	44298
22;	6534.6;	20-AUG-2010	18:00:30;	Dark	;	43.0;	9;	Alp Eri	;	0.45;	24000;occ;	86;	0;	44298
23;	6886.9;	20-AUG-2010	18:06:22;	Dark	;	53.0;	84;	Alp Phe	;	2.40;	4500;occ;	106;	0;	44298
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3;	1598.6;	20-AUG-2010	18:18:50;	Bright;	;	43.0;	142;	49Del Cap	;	2.85;	8900;occ;	86;	0;	44298
4;	1799.2;	20-AUG-2010	18:22:10;	Bright;	;	41.0;	154;	22Bet Aqr	;	2.90;	5700;occ;	82;	0;	44298
5;	1909.8;	20-AUG-2010	18:24:01;	Bright;	;	45.0;	162;	34Alp Aqr	;	2.94;	5350;occ;	90;	0;	44298
6;	2096.4;	20-AUG-2010	18:27:08;	Bright;	;	45.5;	61;	8Eps Peg	;	2.10;	3900;occ;	91;	0;	44298

7; 2492.3; 20-AUG-2010 18:33:43; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44298
8; 2684.9; 20-AUG-2010 18:36:56; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;44298
9; 3000.6; 20-AUG-2010 18:42:12; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44298
10; 3257.4; 20-AUG-2010 18:46:29; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44298
11; 4186.6; 20-AUG-2010 19:01:58; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44298
12; 4371.1; 20-AUG-2010 19:05:02; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44298
13; 4565.7; 20-AUG-2010 19:08:17; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44298
14; 4737.8; 20-AUG-2010 19:11:09; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44298
15; 4961.3; 20-AUG-2010 19:14:52; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;44298
16; 5047.6; 20-AUG-2010 19:16:19; Dark ; 55.5; 27; 24Gam Ori ; 1.64; 26000;occ; 111; 0;44298
17; 5165.0; 20-AUG-2010 19:18:16; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;44298
18; 5252.6; 20-AUG-2010 19:19:44; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;44298
19; 5357.6; 20-AUG-2010 19:21:29; Dark ; 59.5; 7; 19Bet Ori ; 0.10; 14000;occ; 119; 0;44298
20; 5461.0; 20-AUG-2010 19:23:12; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44298
21; 5635.0; 20-AUG-2010 19:26:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44298
22; 6321.8; 20-AUG-2010 19:37:33; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44299
23; 6535.2; 20-AUG-2010 19:41:06; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44299
24; 6887.5; 20-AUG-2010 19:46:59; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;44299

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3; -572.6; 21-AUG-2010 00:25:02; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;44301
4; -398.4; 21-AUG-2010 00:27:56; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44301
5; 289.4; 21-AUG-2010 00:39:24; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44302
6; 501.2; 21-AUG-2010 00:42:56; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44302
7; 853.7; 21-AUG-2010 00:48:48; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;44302
8; 993.2; 21-AUG-2010 00:51:08; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;44302
9; 1278.0; 21-AUG-2010 00:55:53; Dark ; 60.5; 18; 24Alp PsA ; 1.17; 9700;occ; 121; 0;44302
10; 1599.0; 21-AUG-2010 01:01:14; Bright; 40.0; 142; 49Del Cap ; 2.85; 8900;occ; 80; 0;44302
11; 1799.2; 21-AUG-2010 01:04:34; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44302
12; 1909.0; 21-AUG-2010 01:06:24; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44302
13; 2095.8; 21-AUG-2010 01:09:31; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44302
14; 2491.8; 21-AUG-2010 01:16:07; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44302
15; 2684.1; 21-AUG-2010 01:19:19; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;44302
16; 2999.6; 21-AUG-2010 01:24:34; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44302
17; 3254.5; 21-AUG-2010 01:28:49; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;44302
18; 4186.0; 21-AUG-2010 01:44:21; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;44302
19; 4371.4; 21-AUG-2010 01:47:26; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44302
20; 4566.5; 21-AUG-2010 01:50:41; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;44302
21; 4738.8; 21-AUG-2010 01:53:34; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44302
22; 4963.4; 21-AUG-2010 01:57:18; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;44302
23; 5050.3; 21-AUG-2010 01:58:45; Dark ; 51.0; 27; 24Gam Ori ; 1.64; 26000;occ; 102; 0;44302
24; 5167.9; 21-AUG-2010 02:00:43; Dark ; 2.0; 30; 46Eps Ori ; 1.69; 30000;occ; 4; 0;44302

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2; -780.0; 21-AUG-2010 02:02:11; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;44302
3; -674.5; 21-AUG-2010 02:03:56; Dark ; 57.5; 7; 19Bet Ori ; 0.10; 14000;occ; 115; 0;44302
4; -572.0; 21-AUG-2010 02:05:39; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;44302
5; -397.6; 21-AUG-2010 02:08:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44302
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
10; 1278.4; 21-AUG-2010 02:36:29; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44303
11; 1598.9; 21-AUG-2010 02:41:50; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44303
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
15; 2491.8; 21-AUG-2010 02:56:42; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44303
16; 2684.3; 21-AUG-2010 02:59:55; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44303
17; 2999.6; 21-AUG-2010 03:05:10; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;44303
18; 3253.7; 21-AUG-2010 03:09:24; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44303

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3; -1469.1; 21-AUG-2010 03:31:17; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44303
4; -1296.8; 21-AUG-2010 03:34:10; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44303
5; -1072.1; 21-AUG-2010 03:37:54; Dark ; 44.5; 14; 58Alp Ori ; 0.87; 3000;occ; 89; 0;44303

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7; -867.5; 21-AUG-2010 03:41:19; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;44303
8; -779.6; 21-AUG-2010 03:42:47; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44303
9; -673.5; 21-AUG-2010 03:44:33; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;44303
10; -571.3; 21-AUG-2010 03:46:15; Dark ; 49.5; 101; 11Alp Lep ; 2.58; 7000;occ; 99; 0;44303
11; -396.7; 21-AUG-2010 03:49:10; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44303
12; 291.8; 21-AUG-2010 04:00:38; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44304
13; 502.8; 21-AUG-2010 04:04:09; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44304
14; 855.5; 21-AUG-2010 04:10:02; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44304
15; 994.2; 21-AUG-2010 04:12:21; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;44304
16; 1279.1; 21-AUG-2010 04:17:06; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44304
17; 1599.3; 21-AUG-2010 04:22:26; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44304
18; 1799.1; 21-AUG-2010 04:25:46; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44304
19; 1908.8; 21-AUG-2010 04:27:35; Bright; 48.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 96; 0;44304
20; 2095.4; 21-AUG-2010 04:30:42; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44304
21; 2491.9; 21-AUG-2010 04:37:18; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44304
22; 2684.0; 21-AUG-2010 04:40:31; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;44304
23; 2999.5; 21-AUG-2010 04:45:46; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;44304
24; 3253.1; 21-AUG-2010 04:50:00; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44304
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 22; 7036.6; 22-AUG-2010 08:42:38; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;44321
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 24; 7637.2; 22-AUG-2010 08:52:39; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;44321

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 2; 1906.5; 22-AUG-2010 08:57:44; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44321
 3; 2092.0; 22-AUG-2010 09:00:49; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44321
 4; 2490.0; 22-AUG-2010 09:07:27; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44321
 5; 2682.1; 22-AUG-2010 09:10:39; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44321
 6; 2995.9; 22-AUG-2010 09:15:53; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44321
 7; 3240.6; 22-AUG-2010 09:19:58; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44321
 8; 4183.4; 22-AUG-2010 09:35:41; Bright; 66.0; 6; 13Alp Aur ; 0.08; 3400;occ; 132; 0;44321
 9; 4372.7; 22-AUG-2010 09:38:50; Bright; 61.0; 107; 37The Aur ; 2.65; 11000;occ; 122; 0;44321
 10; 4570.9; 22-AUG-2010 09:42:08; Dark ; 55.5; 28; 12Bet Tau ; 1.65; 15200;occ; 111; 0;44321
 11; 4744.5; 22-AUG-2010 09:45:02; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44321
 12; 4973.6; 22-AUG-2010 09:48:51; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;44321
 13; 5064.8; 22-AUG-2010 09:50:22; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;44321
 14; 5182.2; 22-AUG-2010 09:52:20; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;44321
 15; 5270.6; 22-AUG-2010 09:53:48; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44321
 16; 5380.1; 22-AUG-2010 09:55:38; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;44321
 17; 5479.4; 22-AUG-2010 09:57:17; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;44321
 18; 5654.8; 22-AUG-2010 10:00:12; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44321
 19; 6350.0; 22-AUG-2010 10:11:47; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44322
 20; 6550.3; 22-AUG-2010 10:15:08; Dark ; 48.0; 9; Alp Eri ; 0.45; 24000;occ; 96; 0;44322
 21; 6904.6; 22-AUG-2010 10:21:02; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44322
 22; 7036.9; 22-AUG-2010 10:23:14; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;44322
 23; 7321.2; 22-AUG-2010 10:27:59; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44322
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 2; 1906.2; 22-AUG-2010 10:38:20; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44322
 3; 2091.5; 22-AUG-2010 10:41:25; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44322
 4; 2490.0; 22-AUG-2010 10:48:03; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44322
 5; 2682.3; 22-AUG-2010 10:51:16; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;44322
 6; 2996.0; 22-AUG-2010 10:56:29; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44322
 7; 3239.7; 22-AUG-2010 11:00:33; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44322
 8; 4183.1; 22-AUG-2010 11:16:16; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;44322
 9; 4372.6; 22-AUG-2010 11:19:26; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44322
 10; 4571.0; 22-AUG-2010 11:22:44; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44322
 11; 4744.8; 22-AUG-2010 11:25:38; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44322
 12; 4974.0; 22-AUG-2010 11:29:27; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;44322
 13; 5065.5; 22-AUG-2010 11:30:59; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;44322
 14; 5182.8; 22-AUG-2010 11:32:56; Dark ; 52.5; 30; 46Eps Ori ; 1.69; 30000;occ; 105; 0;44322
 15; 5271.4; 22-AUG-2010 11:34:25; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44322
 16; 5381.1; 22-AUG-2010 11:36:14; Dark ; 63.5; 7; 19Bet Ori ; 0.10; 14000;occ; 127; 0;44322
 17; 5480.3; 22-AUG-2010 11:37:54; Dark ; 52.0; 101; 11Alp Lep ; 2.58; 7000;occ; 104; 0;44322
 18; 5655.6; 22-AUG-2010 11:40:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44322
 19; 6351.3; 22-AUG-2010 11:52:25; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44323
 20; 6551.0; 22-AUG-2010 11:55:44; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44323
 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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 3; 1906.1; 22-AUG-2010 12:18:55; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44323
 4; 2091.4; 22-AUG-2010 12:22:01; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44323
 5; 2489.4; 22-AUG-2010 12:28:39; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44323
 6; 2681.9; 22-AUG-2010 12:31:51; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;44323
 7; 2995.6; 22-AUG-2010 12:37:05; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44323
 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
 11; 4571.2; 22-AUG-2010 13:03:20; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44323
 12; 4745.1; 22-AUG-2010 13:06:14; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44323
 13; 4974.6; 22-AUG-2010 13:10:04; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;44323
 14; 5066.1; 22-AUG-2010 13:11:35; Dark ; 54.5; 27; 24Gam Ori ; 1.64; 26000;occ; 109; 0;44323
 15; 5183.5; 22-AUG-2010 13:13:33; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44323
 16; 5272.3; 22-AUG-2010 13:15:01; Dark ; 51.5; 125; 44Iot Ori ; 2.77; 30000;occ; 103; 0;44323
 17; 5382.3; 22-AUG-2010 13:16:51; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;44323
 18; 5481.3; 22-AUG-2010 13:18:30; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;44323
 19; 5656.5; 22-AUG-2010 13:21:26; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44323
 20; 6352.3; 22-AUG-2010 13:33:01; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44324
 21; 6551.8; 22-AUG-2010 13:36:21; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44324
 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
 24; 7321.8; 22-AUG-2010 13:49:11; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44324

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 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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 17; 5383.5; 22-AUG-2010 14:57:29; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;44324

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19; 5657.5; 22-AUG-2010 15:02:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44324
20; 6353.6; 22-AUG-2010 15:13:39; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;44325
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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 2; 1799.4; 22-AUG-2010 15:38:20; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44325
 3; 1906.0; 22-AUG-2010 15:40:07; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44325
 4; 2091.2; 22-AUG-2010 15:43:12; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44325
 5; 2489.4; 22-AUG-2010 15:49:50; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44325
 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
 8; 3237.8; 22-AUG-2010 16:02:19; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44325
 9; 4183.0; 22-AUG-2010 16:18:04; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;44325
10; 4372.9; 22-AUG-2010 16:21:14; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;44325
11; 4571.9; 22-AUG-2010 16:24:33; Dark ; 55.0; 28; 12Bet Tau ; 1.65; 15200;occ; 110; 0;44325
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
14; 5067.8; 22-AUG-2010 16:32:49; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;44325
15; 5185.2; 22-AUG-2010 16:34:46; Dark ; 52.5; 30; 46Eps Ori ; 1.69; 30000;occ; 105; 0;44325
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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18; 5482.9; 22-AUG-2010 16:39:44; Dark ; 50.0; 101; 11Alp Lep ; 2.58; 7000;occ; 100; 0;44325
19; 5658.4; 22-AUG-2010 16:42:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44325
20; 6354.7; 22-AUG-2010 16:54:16; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44326
21; 6553.2; 22-AUG-2010 16:57:34; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44326
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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 2; 1602.1; 22-AUG-2010 17:15:39; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;44326
 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
 7; 2681.5; 22-AUG-2010 17:33:39; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44326
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 9; 3236.9; 22-AUG-2010 17:42:54; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44326
10; 4182.9; 22-AUG-2010 17:58:40; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;44326
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
13; 4746.0; 22-AUG-2010 18:08:03; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;44326
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15; 5068.7; 22-AUG-2010 18:13:26; Dark ; 56.5; 27; 24Gam Ori ; 1.64; 26000;occ; 113; 0;44326
16; 5186.2; 22-AUG-2010 18:15:23; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44326
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18; 5385.7; 22-AUG-2010 18:18:43; Dark ; 65.0; 7; 19Bet Ori ; 0.10; 14000;occ; 130; 0;44326
19; 5483.8; 22-AUG-2010 18:20:21; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;44326
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21; 6356.2; 22-AUG-2010 18:34:53; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44327
22; 6553.9; 22-AUG-2010 18:38:11; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44327
23; 6908.1; 22-AUG-2010 18:44:05; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44327
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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
 6; 2090.9; 22-AUG-2010 19:04:24; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44327
 7; 2489.2; 22-AUG-2010 19:11:02; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44327
 8; 2681.4; 22-AUG-2010 19:14:14; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44327
 9; 2994.9; 22-AUG-2010 19:19:28; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44327
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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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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 11; 4574.3; 23-AUG-2010 12:31:46; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44337
 12; 4650.3; 23-AUG-2010 12:33:02; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;44337
 13; 4749.1; 23-AUG-2010 12:34:41; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44337
 14; 4982.4; 23-AUG-2010 12:38:35; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44337
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16; 5195.6; 23-AUG-2010 14:22:44; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44338
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7; 2992.9; 23-AUG-2010 15:26:37; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;44339
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5; 2088.1; 23-AUG-2010 16:52:08; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;44340
6; 2488.0; 23-AUG-2010 16:58:48; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44340
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5; 1903.9; 23-AUG-2010 18:29:40; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44341
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13; 1800.2; 23-AUG-2010 21:49:08; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44343
14; 1903.7; 23-AUG-2010 21:50:52; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44343
15; 2087.9; 23-AUG-2010 21:53:56; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44343
16; 2487.9; 23-AUG-2010 22:00:36; Bright; 34.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 69; 0;44343
17; 2680.1; 23-AUG-2010 22:03:48; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44343
18; 2991.9; 23-AUG-2010 22:09:00; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44343
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22; 4373.9; 23-AUG-2010 22:32:02; Bright; 47.0; 107; 37The Aur ; 2.65; 11000;occ; 94; 0;44343
23; 4652.0; 23-AUG-2010 22:36:40; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44343
24; 4750.7; 23-AUG-2010 22:38:19; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;44343
25; 4985.8; 23-AUG-2010 22:42:14; Dark ; 61.5; 14; 58Alp Ori ; 0.87; 3000;occ; 123; 0;44343
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5; 341.0; 23-AUG-2010 23:05:25; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;44344
6; 529.0; 23-AUG-2010 23:08:33; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44344
7; 884.8; 23-AUG-2010 23:14:28; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;44344
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11; 1800.1; 23-AUG-2010 23:29:44; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44344
12; 1903.3; 23-AUG-2010 23:31:27; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44344
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19; 4179.9; 24-AUG-2010 00:09:24; Bright; 50.5; 6; 13Alp Aur ; 0.08; 3400;occ; 101; 0;44344
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21; 4651.9; 24-AUG-2010 00:17:16; Dark ; 59.0; 151; 13Mu Gem ; 2.89; 3000;occ; 118; 0;44344
22; 4751.3; 24-AUG-2010 00:18:55; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44344
23; 4986.4; 24-AUG-2010 00:22:50; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44344
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6; 342.0; 24-AUG-2010 00:46:02; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44345
7; 529.8; 24-AUG-2010 00:49:09; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44345
8; 885.7; 24-AUG-2010 00:55:05; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44345
9; 1010.0; 24-AUG-2010 00:57:10; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44345
10; 1293.3; 24-AUG-2010 01:01:53; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;44345
11; 1604.0; 24-AUG-2010 01:07:04; Dark ; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44345
12; 1800.2; 24-AUG-2010 01:10:20; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44345
13; 1903.3; 24-AUG-2010 01:12:03; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44345
14; 2087.7; 24-AUG-2010 01:15:07; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44345
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16; 2680.0; 24-AUG-2010 01:25:00; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;44345
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18; 3223.2; 24-AUG-2010 01:34:03; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44345
19; 3356.6; 24-AUG-2010 01:36:16; Bright; 28.0; 76; 27Gam Cas ; 2.30; 30000;occ; 56; 0;44345
20; 4179.6; 24-AUG-2010 01:49:59; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;44345
21; 4374.1; 24-AUG-2010 01:53:14; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;44345
22; 4652.6; 24-AUG-2010 01:57:52; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;44345
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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4; -475.6; 24-AUG-2010 02:13:00; Dark ; 45.5; 139; 9Bet Lep ; 2.83; 5600;occ; 91; 0;44345
5; -359.5; 24-AUG-2010 02:14:56; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44345
6; 343.8; 24-AUG-2010 02:26:39; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44346
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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 11; 1604.3; 24-AUG-2010 02:47:40; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44346
 12; 1800.5; 24-AUG-2010 02:50:56; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44346
 13; 1903.2; 24-AUG-2010 02:52:39; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44346
 14; 2087.6; 24-AUG-2010 02:55:43; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44346
 15; 2487.6; 24-AUG-2010 03:02:23; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44346
 16; 2679.9; 24-AUG-2010 03:05:35; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44346
 17; 2991.6; 24-AUG-2010 03:10:47; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;44346
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 3; -1383.5; 24-AUG-2010 03:38:28; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;44346
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 5; -1048.4; 24-AUG-2010 03:44:03; Dark ; 58.5; 14; 58Alp Ori ; 0.87; 3000;occ; 117; 0;44346
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 7; -723.9; 24-AUG-2010 03:49:27; Dark ; 46.0; 1; 9Alp CMA ; -1.44; 11000;occ; 92; 0;44346
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 9; -474.7; 24-AUG-2010 03:53:37; Dark ; 53.0; 139; 9Bet Lep ; 2.83; 5600;occ; 106; 0;44346
 10; -358.5; 24-AUG-2010 03:55:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44346
 11; 344.8; 24-AUG-2010 04:07:16; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;44347
 12; 530.9; 24-AUG-2010 04:10:22; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44347
 13; 886.5; 24-AUG-2010 04:16:18; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44347
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 15; 1293.8; 24-AUG-2010 04:23:05; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44347
 16; 1604.4; 24-AUG-2010 04:28:16; Dark ; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44347
 17; 1800.4; 24-AUG-2010 04:31:32; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44347
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 19; 2087.4; 24-AUG-2010 04:36:19; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44347
 20; 2488.0; 24-AUG-2010 04:42:59; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44347
 21; 2679.9; 24-AUG-2010 04:46:11; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;44347
 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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 7; -723.4; 24-AUG-2010 05:30:04; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;44347
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 10; -357.6; 24-AUG-2010 05:36:10; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44347
 11; 345.8; 24-AUG-2010 05:47:53; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44348
 12; 531.8; 24-AUG-2010 05:50:59; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44348
 13; 888.1; 24-AUG-2010 05:56:55; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44348
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 22; 2991.3; 24-AUG-2010 06:31:59; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44348
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 7; -722.6; 24-AUG-2010 07:10:41; Dark ; 48.5; 1; 9Alp CMA ; -1.44; 11000;occ; 97; 0;44348


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11; 346.8; 24-AUG-2010 07:28:30; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44349
12; 532.3; 24-AUG-2010 07:31:36; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44349
13; 888.4; 24-AUG-2010 07:37:32; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;44349
14; 1011.9; 24-AUG-2010 07:39:35; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;44349
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9; 3353.4; 24-AUG-2010 08:18:37; Bright; 31.0; 76; 27Gam Cas ; 2.30; 30000;occ; 62; 0;44349
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13; 4752.5; 24-AUG-2010 08:41:56; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44349
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15; 5204.7; 24-AUG-2010 08:49:28; Dark ; 57.0; 30; 46Eps Ori ; 1.69; 30000;occ; 114; 0;44349
16; 5313.7; 24-AUG-2010 08:51:17; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;44349
17; 5410.1; 24-AUG-2010 08:52:53; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;44349
18; 5504.2; 24-AUG-2010 08:54:28; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;44349
19; 5680.2; 24-AUG-2010 08:57:24; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44349
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2; 1902.7; 24-AUG-2010 09:35:02; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44350
3; 2086.7; 24-AUG-2010 09:38:06; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44350
4; 2487.6; 24-AUG-2010 09:44:47; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44350
5; 2679.5; 24-AUG-2010 09:47:59; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;44350
6; 2990.8; 24-AUG-2010 09:53:10; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44350
7; 3219.1; 24-AUG-2010 09:56:58; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44350
8; 3352.7; 24-AUG-2010 09:59:12; Bright; 32.0; 76; 27Gam Cas ; 2.30; 30000;occ; 64; 0;44350
9; 4179.1; 24-AUG-2010 10:12:58; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;44350
10; 4374.2; 24-AUG-2010 10:16:13; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;44350
11; 4653.6; 24-AUG-2010 10:20:53; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;44350
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13; 4989.9; 24-AUG-2010 10:26:29; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44350
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16; 5411.1; 24-AUG-2010 10:33:30; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;44350
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22; 7048.4; 24-AUG-2010 11:00:48; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44351
23; 7331.5; 24-AUG-2010 11:05:31; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;44351
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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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 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
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 16; 5314.5; 24-AUG-2010 12:12:30; Dark ; 51.5; 1; 9Alp CMA ; -1.44; 11000;occ; 103; 0;44351
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 21; 6570.3; 24-AUG-2010 12:33:25; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 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
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 9; 3351.5; 24-AUG-2010 13:20:23; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;44352
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 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
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 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
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 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
 24; 7332.1; 24-AUG-2010 14:26:43; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 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
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 9; 3216.8; 24-AUG-2010 16:39:20; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44354
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 23; 6928.6; 24-AUG-2010 17:41:12; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44355
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 2; 1605.1; 24-AUG-2010 17:53:04; Dark ; 42.0; 142; 49Del Cap ; 2.85; 8900;occ; 84; 0;44355
 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
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 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
 11; 4178.3; 24-AUG-2010 18:35:57; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;44355
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 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
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 19; 5509.5; 24-AUG-2010 18:58:08; Dark ; 50.0; 101; 11Alp Lep ; 2.58; 7000;occ; 100; 0;44355
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 23; 6929.2; 24-AUG-2010 19:21:48; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44356
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 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
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 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
 10; 3215.1; 24-AUG-2010 20:00:30; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;44356
 11; 3348.2; 24-AUG-2010 20:02:43; Bright; 37.0; 76; 27Gam Cas ; 2.30; 30000;occ; 74; 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
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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
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13; 1901.7; 24-AUG-2010 22:59:48; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44358
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7; 539.2; 25-AUG-2010 01:58:18; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44360
8; 895.8; 25-AUG-2010 02:04:14; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44360
9; 1015.8; 25-AUG-2010 02:06:14; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44360
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13; 1901.2; 25-AUG-2010 02:21:00; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44360

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16; 2678.7; 25-AUG-2010 02:33:57; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44360
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 7; -717.4; 25-AUG-2010 03:17:57; Dark ; 47.5; 1; 9Alp CMa ; -1.44; 11000;occ; 95; 0;44360
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11; 362.0; 25-AUG-2010 03:35:56; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44361
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4; 1800.9; 25-AUG-2010 19:05:19; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44370
5; 1900.5; 25-AUG-2010 19:06:58; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;44370
6; 2083.4; 25-AUG-2010 19:10:01; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44370
7; 2486.7; 25-AUG-2010 19:16:45; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44370
8; 2678.3; 25-AUG-2010 19:19:56; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44370
9; 2987.4; 25-AUG-2010 19:25:05; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44370
10; 3205.2; 25-AUG-2010 19:28:43; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44370
11; 3338.0; 25-AUG-2010 19:30:56; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44370
12; 4216.5; 25-AUG-2010 19:45:34; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44370
13; 4374.9; 25-AUG-2010 19:48:13; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44370
14; 4659.5; 25-AUG-2010 19:52:57; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;44370
15; 4759.5; 25-AUG-2010 19:54:37; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44370
16; 5002.0; 25-AUG-2010 19:58:40; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44370
17; 5222.4; 25-AUG-2010 20:02:20; Dark ; 55.5; 33; 50Zet Ori ; 1.77; 30000;occ; 111; 0;44370
18; 5323.6; 25-AUG-2010 20:04:01; Dark ; 52.0; 1; 9Alp CMa ; -1.44; 11000;occ; 104; 0;44370
19; 5523.3; 25-AUG-2010 20:07:21; Dark ; 52.0; 101; 11Alp Lep ; 2.58; 7000;occ; 104; 0;44370
20; 5700.2; 25-AUG-2010 20:10:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44370
21; 6410.0; 25-AUG-2010 20:22:08; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;44371
22; 6582.1; 25-AUG-2010 20:25:00; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44371
23; 6939.6; 25-AUG-2010 20:30:57; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;44371
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3; 1301.6; 25-AUG-2010 20:37:35; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44371
4; 1607.2; 25-AUG-2010 20:42:41; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44371
5; 1801.2; 25-AUG-2010 20:45:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44371
6; 1900.3; 25-AUG-2010 20:47:34; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44371
7; 2083.4; 25-AUG-2010 20:50:37; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44371

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

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

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 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
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3; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
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5; 2083.3; 26-AUG-2010 01:52:25; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44374
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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
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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
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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
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8; 5005.2; 26-AUG-2010 04:21:43; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44375
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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
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13; 6416.6; 26-AUG-2010 04:45:14; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 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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3; -1374.9; 26-AUG-2010 07:37:10; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;44377
4; -1274.3; 26-AUG-2010 07:38:51; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44377
5; -1029.7; 26-AUG-2010 07:42:56; Dark ; 63.5; 14; 58Alp Ori ; 0.87; 3000;occ; 127; 0;44377
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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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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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3; 2082.6; 26-AUG-2010 08:34:48; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44378
4; 2549.7; 26-AUG-2010 08:42:35; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44378
5; 2986.1; 26-AUG-2010 08:49:51; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44378
6; 3200.0; 26-AUG-2010 08:53:25; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44378
7; 3331.9; 26-AUG-2010 08:55:37; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44378
8; 4215.9; 26-AUG-2010 09:10:21; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44378
9; 4375.5; 26-AUG-2010 09:13:01; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44378
10; 4661.2; 26-AUG-2010 09:17:47; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44378
11; 4761.8; 26-AUG-2010 09:19:27; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;44378
12; 5006.9; 26-AUG-2010 09:23:32; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44378
13; 5226.3; 26-AUG-2010 09:27:12; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44378
14; 5327.1; 26-AUG-2010 09:28:52; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;44378
15; 5530.9; 26-AUG-2010 09:32:16; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44378
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2; 552.5; 26-AUG-2010 11:30:30; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44380
3; 909.5; 26-AUG-2010 11:36:27; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44380
4; 1023.3; 26-AUG-2010 11:38:20; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44380
5; 1304.9; 26-AUG-2010 11:43:02; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44380
6; 1608.3; 26-AUG-2010 11:48:05; Dark ; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44380

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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
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13; 5328.2; 26-AUG-2010 12:50:05; Dark ; 44.0; 1; 9Alp CMa ; -1.44; 11000;occ; 88; 0;44380
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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
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3; 1899.5; 26-AUG-2010 13:33:32; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44381
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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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
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15; 5328.9; 26-AUG-2010 14:30:42; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;44381
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17; 5711.0; 26-AUG-2010 14:37:04; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44381
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19; 6589.2; 26-AUG-2010 14:51:42; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44382
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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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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
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4; 1899.4; 26-AUG-2010 16:54:44; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44383
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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
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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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9; 3195.7; 26-AUG-2010 18:56:57; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44384
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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
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19; 5714.0; 26-AUG-2010 19:38:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44384
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12; 2518.8; 29-AUG-2010 22:12:36; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;44429
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7; 3288.6; 30-AUG-2010 13:30:49; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44438
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17; 5675.9; 31-AUG-2010 20:21:24; Dark ; 55.0; 139; 9Bet Lep ; 2.83; 5600;occ; 110; 0;44456
18; 5790.9; 31-AUG-2010 20:23:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44456
19; 6559.7; 31-AUG-2010 20:36:07; Dark ; 41.5; 143; Alp Hyi ; 2.86; 7200;occ; 83; 0;44457
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21; 6994.5; 31-AUG-2010 20:43:22; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44457
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3; 1618.2; 31-AUG-2010 20:54:22; Dark ; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44457
4; 1895.3; 31-AUG-2010 20:58:59; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;44457
5; 2075.4; 31-AUG-2010 21:01:59; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;44457
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7; 2975.8; 31-AUG-2010 21:16:59; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44457
8; 3146.7; 31-AUG-2010 21:19:50; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44457
9; 3275.1; 31-AUG-2010 21:21:59; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;44457
10; 4208.3; 31-AUG-2010 21:37:32; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;44457
11; 4377.8; 31-AUG-2010 21:40:21; Bright; 68.0; 107; 37The Aur ; 2.65; 11000;occ; 136; 0;44457
12; 4513.7; 31-AUG-2010 21:42:37; Bright; 39.0; 17; 78Bet Gem ; 1.16; 4500;occ; 78; 0;44457
13; 4684.7; 31-AUG-2010 21:45:28; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44457
14; 4789.9; 31-AUG-2010 21:47:13; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;44457
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17; 4377.8; 31-AUG-2010 23:20:57; Bright; 47.0; 107; 37The Aur ; 2.65; 11000;occ; 94; 0;44458
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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
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