

GOMOS Daily Report 12-AUG-2009

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	15AUG2009 04:52:01
Data source version	GOMOS/5.00
Start time of products	12AUG2009 00:01:12
Stop time of products	12AUG2009 23:58:59
Store outputs in DB	Yes
Nb of level 1b prods	151
Nb of prods with errors	0

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

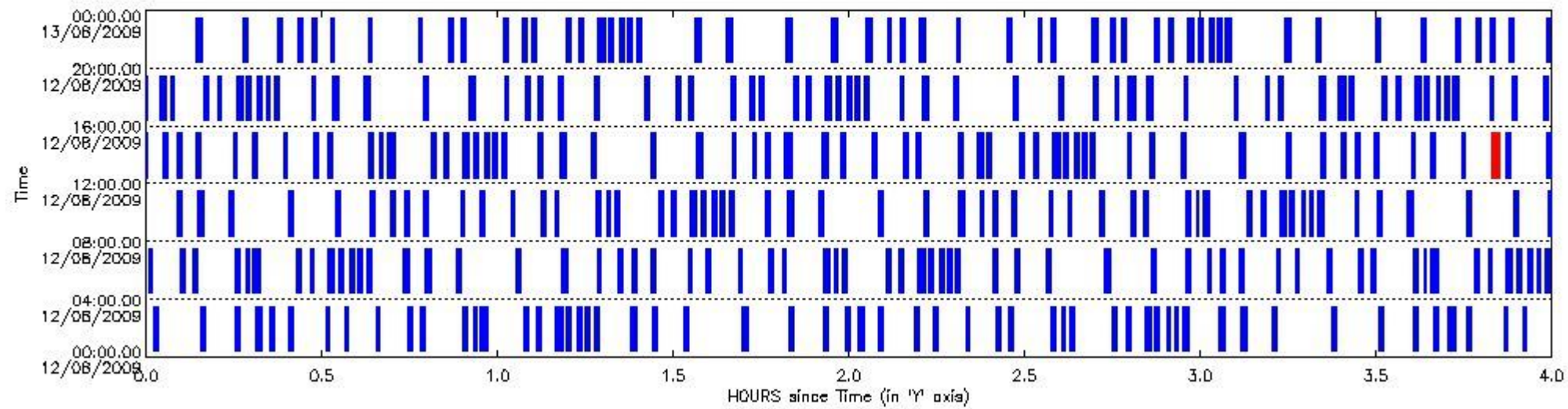
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
12-AUG-2009 15:49:51	11BetCas	74	38957

2.4 Summary of processed GOM_TRA_1P products

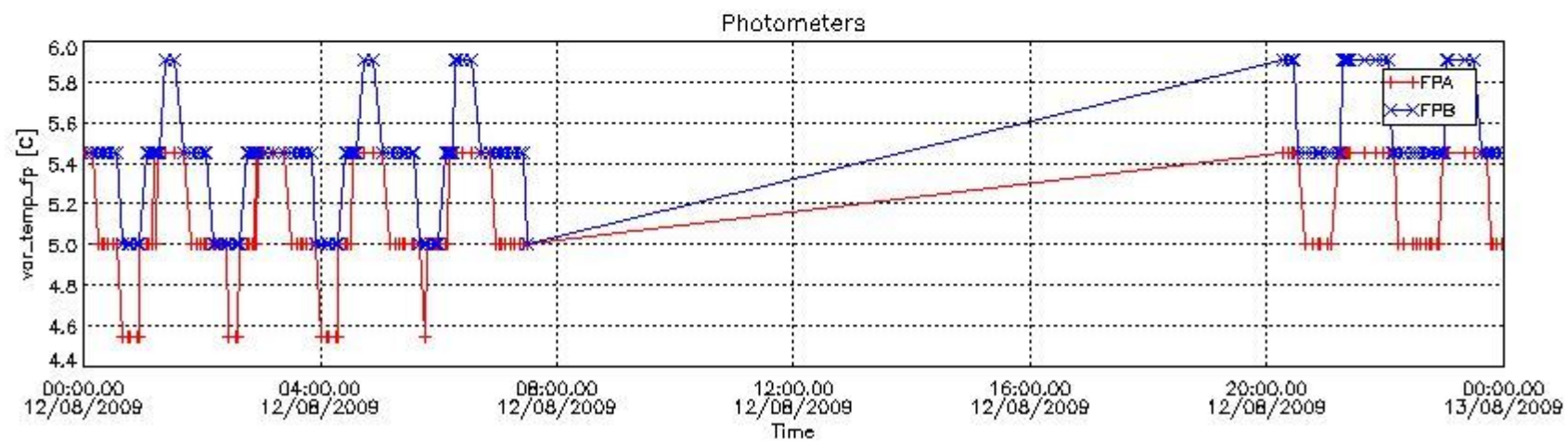
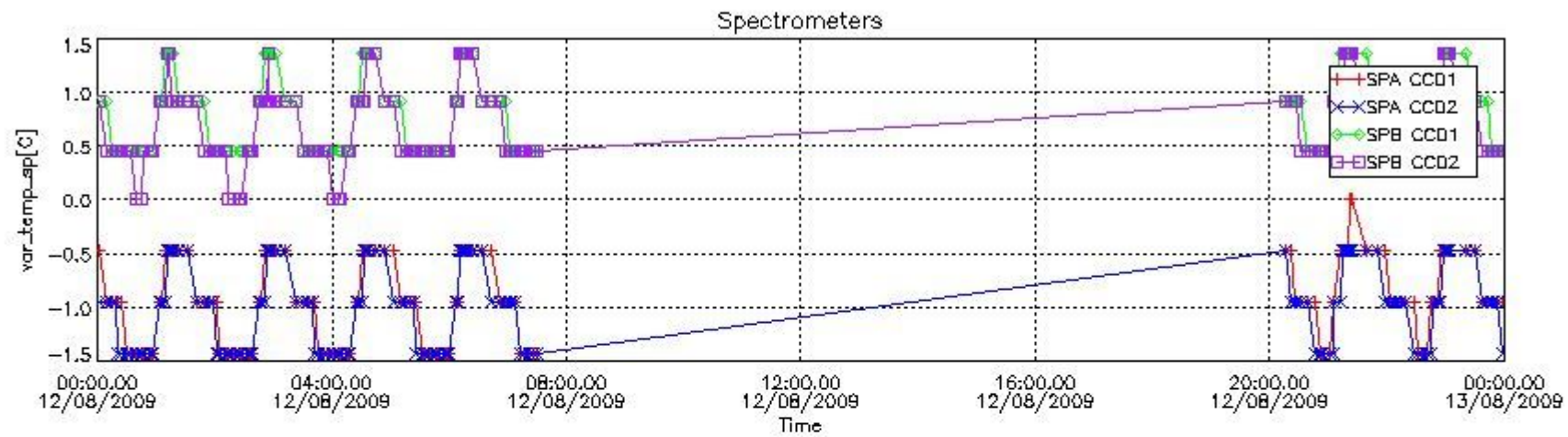
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20090812_000112_000000542081_00317_38948_7148.N1	12-AUG-2009 00:01:12	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38948	No
2	GOM_TRA_1PNPDE20090812_000908_000000572081_00317_38948_7149.N1	12-AUG-2009 00:09:08	Twilight_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	38948	No
3	GOM_TRA_1PNPDE20090812_001509_000000452081_00317_38948_7150.N1	12-AUG-2009 00:15:09	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38948	No
4	GOM_TRA_1PNPDE20090812_001845_000000602081_00317_38948_7151.N1	12-AUG-2009 00:18:45	Bright	59.500	154	22Bet Aqr	2.8990	5700.0	119	38948	No
5	GOM_TRA_1PNPDE20090812_002102_000000512081_00317_38948_7152.N1	12-AUG-2009 00:21:02	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	38948	No
6	GOM_TRA_1PNPDE20090812_002418_000000482081_00317_38948_7153.N1	12-AUG-2009 00:24:18	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	38948	No
7	GOM_TRA_1PNPDE20090812_003040_000000372081_00317_38948_7154.N1	12-AUG-2009 00:30:40	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	38948	No
8	GOM_TRA_1PNPDE20090812_003352_000000362081_00317_38948_7155.N1	12-AUG-2009 00:33:52	Bright	35.500	19	50Alp Cyg	1.2460	10500.0	71	38948	No
9	GOM_TRA_1PNPDE20090812_003916_000000392081_00317_38948_7156.N1	12-AUG-2009 00:39:16	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38948	No
10	GOM_TRA_1PNPDE20090812_004435_000000462081_00317_38948_7157.N1	12-AUG-2009 00:44:35	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	38948	No

11	GOM_TRA_1PNPDE20090812_004646_000000512081_00317_38948_7158.N1	12-AUG-2009 00:46:46	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38948	No
12	GOM_TRA_1PNPDE20090812_005352_000000522081_00317_38948_7159.N1	12-AUG-2009 00:53:52	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38948	No
13	GOM_TRA_1PNPDE20090812_005546_000000382081_00317_38948_7160.N1	12-AUG-2009 00:55:46	Bright	38.000	35	33Alp Per	1.7950	6250.0	76	38948	No
14	GOM_TRA_1PNPDE20090812_005701_000000752081_00317_38948_7161.N1	12-AUG-2009 00:57:01	Bright	75.000	175	39Del Per	3.0100	19400.	150	38948	No
15	GOM_TRA_1PNPDE20090812_010425_000000512081_00317_38948_7162.N1	12-AUG-2009 01:04:25	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	38948	No
16	GOM_TRA_1PNPDE20090812_010640_000000452081_00317_38948_7163.N1	12-AUG-2009 01:06:40	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	38948	No
17	GOM_TRA_1PNPDE20090812_010948_000000782081_00317_38948_7164.N1	12-AUG-2009 01:09:48	Dark	78.000	13	87Alp Tau	0.86700	3800.0	156	38948	No
18	GOM_TRA_1PNPDE20090812_011138_000000502081_00317_38948_7165.N1	12-AUG-2009 01:11:38	Dark	50.000	27	24Gam Ori	1.6360	26000.	100	38948	No
19	GOM_TRA_1PNPDE20090812_011334_000000472081_00317_38948_7166.N1	12-AUG-2009 01:13:34	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	38948	No
20	GOM_TRA_1PNPDE20090812_011457_000000452081_00317_38948_7167.N1	12-AUG-2009 01:14:57	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	38948	No
21	GOM_TRA_1PNPDE20090812_011623_000000522081_00317_38948_7168.N1	12-AUG-2009 01:16:23	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	38948	No
22	GOM_TRA_1PNPDE20090812_012237_000000622081_00317_38948_7275.N1	12-AUG-2009 01:22:37	Dark	62.000	165	34Gam Eri	2.9500	3200.0	124	38948	No
23	GOM_TRA_1PNPDE20090812_013141_000000502081_00318_38949_7276.N1	12-AUG-2009 01:31:41	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38949	No
24	GOM_TRA_1PNPDE20090812_014149_000000562081_00318_38949_7277.N1	12-AUG-2009 01:41:49	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38949	No
25	GOM_TRA_1PNPDE20090812_014944_000000542081_00318_38949_7278.N1	12-AUG-2009 01:49:44	Twilight	54.000	18	24Alp PsA	1.1660	9700.0	108	38949	No
26	GOM_TRA_1PNPDE20090812_015544_000000432081_00318_38949_7279.N1	12-AUG-2009 01:55:44	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	38949	No
27	GOM_TRA_1PNPDE20090812_015921_000000422081_00318_38949_7280.N1	12-AUG-2009 01:59:21	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	38949	No
28	GOM_TRA_1PNPDE20090812_020138_000000512081_00318_38949_7281.N1	12-AUG-2009 02:01:38	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	38949	No
29	GOM_TRA_1PNPDE20090812_020454_000000472081_00318_38949_7282.N1	12-AUG-2009 02:04:54	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38949	No
30	GOM_TRA_1PNPDE20090812_021115_000000402081_00318_38949_7283.N1	12-AUG-2009 02:11:15	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38949	No
31	GOM_TRA_1PNPDE20090812_021427_000000392081_00318_38949_7284.N1	12-AUG-2009 02:14:27	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38949	No
32	GOM_TRA_1PNPDE20090812_021951_000000352081_00318_38949_7285.N1	12-AUG-2009 02:19:51	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	38949	No
33	GOM_TRA_1PNPDE20090812_022510_000000482081_00318_38949_7286.N1	12-AUG-2009 02:25:10	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	38949	No
34	GOM_TRA_1PNPDE20090812_022721_000000492081_00318_38949_7287.N1	12-AUG-2009 02:27:21	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38949	No
35	GOM_TRA_1PNPDE20090812_023428_000000512081_00318_38949_7440.N1	12-AUG-2009 02:34:28	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38949	No
36	GOM_TRA_1PNPDE20090812_023622_000000382081_00318_38949_7441.N1	12-AUG-2009 02:36:22	Bright	38.000	35	33Alp Per	1.7950	6250.0	76	38949	No
37	GOM_TRA_1PNPDE20090812_023736_000000592081_00318_38949_7442.N1	12-AUG-2009 02:37:36	Bright	58.500	175	39Del Per	3.0100	19400.	117	38949	No
38	GOM_TRA_1PNPDE20090812_024501_000000492081_00318_38949_7443.N1	12-AUG-2009 02:45:01	Twilight	49.000	28	12Bet Tau	1.6500	15200.	98	38949	No
39	GOM_TRA_1PNPDE20090812_024717_000000462081_00318_38949_7444.N1	12-AUG-2009 02:47:17	Twilight	46.000	176	23Zet Tau	3.0200	22000.	92	38949	No
40	GOM_TRA_1PNPDE20090812_025025_000000762081_00318_38949_7445.N1	12-AUG-2009 02:50:25	Dark	75.500	13	87Alp Tau	0.86700	3800.0	151	38949	No
41	GOM_TRA_1PNPDE20090812_025214_000000482081_00318_38949_7446.N1	12-AUG-2009 02:52:14	Dark	47.500	27	24Gam Ori	1.6360	26000.	95	38949	No
42	GOM_TRA_1PNPDE20090812_025410_000000472081_00318_38949_7447.N1	12-AUG-2009 02:54:10	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	38949	No
43	GOM_TRA_1PNPDE20090812_025534_000000432081_00318_38949_7448.N1	12-AUG-2009 02:55:34	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	38949	No
44	GOM_TRA_1PNPDE20090812_025659_000000572081_00318_38949_7449.N1	12-AUG-2009 02:56:59	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	38949	No
45	GOM_TRA_1PNPDE20090812_030314_000000622081_00318_38949_7450.N1	12-AUG-2009 03:03:14	Dark	62.000	165	34Gam Eri	2.9500	3200.0	124	38949	No
46	GOM_TRA_1PNPDE20090812_031218_000000492081_00319_38950_7451.N1	12-AUG-2009 03:12:18	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38950	No
47	GOM_TRA_1PNPDE20090812_032225_000000552081_00319_38950_7452.N1	12-AUG-2009 03:22:25	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38950	No
48	GOM_TRA_1PNPDE20090812_033021_000000572081_00319_38950_7453.N1	12-AUG-2009 03:30:21	Twilight	56.500	18	24Alp PsA	1.1660	9700.0	113	38950	No
49	GOM_TRA_1PNPDE20090812_033621_000000452081_00319_38950_7454.N1	12-AUG-2009 03:36:21	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38950	No
50	GOM_TRA_1PNPDE20090812_033957_000000442081_00319_38950_7455.N1	12-AUG-2009 03:39:57	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38950	No
51	GOM_TRA_1PNPDE20090812_034214_000000742081_00319_38950_7456.N1	12-AUG-2009 03:42:14	Bright	74.000	162	34Alp Aqr	2.9440	5350.0	148	38950	No
52	GOM_TRA_1PNPDE20090812_034530_000000492081_00319_38950_7457.N1	12-AUG-2009 03:45:30	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38950	No
53	GOM_TRA_1PNPDE20090812_035151_000000392081_00319_38950_7458.N1	12-AUG-2009 03:51:51	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	38950	No
54	GOM_TRA_1PNPDE20090812_035503_000000382081_00319_38950_7459.N1	12-AUG-2009 03:55:03	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38950	No
55	GOM_TRA_1PNPDE20090812_040027_000000372081_00319_38950_7460.N1	12-AUG-2009 04:00:27	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	38950	No
56	GOM_TRA_1PNPDE20090812_040545_000000472081_00319_38950_7461.N1	12-AUG-2009 04:05:45	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	38950	No
57	GOM_TRA_1PNPDE20090812_040756_000000512081_00319_38950_7462.N1	12-AUG-2009 04:07:56	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38950	No
58	GOM_TRA_1PNPDE20090812_041503_000000552081_00319_38950_7627.N1	12-AUG-2009 04:15:03	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	38950	No
59	GOM_TRA_1PNPDE20090812_041657_000000332081_00319_38950_7628.N1	12-AUG-2009 04:16:57	Twilight	33.000	35	33Alp Per	1.7950	6250.0	66	38950	No
60	GOM_TRA_1PNPDE20090812_041812_000000762081_00319_38950_7629.N1	12-AUG-2009 04:18:12	Bright	76.000	175	39Del Per	3.0100	19400.	152	38950	No
61	GOM_TRA_1PNPDE20090812_042537_000000462081_00319_38950_7630.N1	12-AUG-2009 04:25:37	Twilight	46.000	28	12Bet Tau	1.6500	15200.	92	38950	No
62	GOM_TRA_1PNPDE20090812_042753_000000462081_00319_38950_7631.N1	12-AUG-2009 04:27:53	Twilight	46.000	176	23Zet Tau	3.0200	22000.	92	38950	No
63	GOM_TRA_1PNPDE20090812_043102_000000682081_00319_38950_7632.N1	12-AUG-2009 04:31:02	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38950	No
64	GOM_TRA_1PNPDE20090812_043251_000000502081_00319_38950_7633.N1	12-AUG-2009 04:32:51	Dark	49.500	27	24Gam Ori	1.6360	26000.	99	38950	No
65	GOM_TRA_1PNPDE20090812_043447_000000482081_00319_38950_7634.N1	12-AUG-2009 04:34:47	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	38950	No
66	GOM_TRA_1PNPDE20090812_043610_000000442081_00319_38950_7635.N1	12-AUG-2009 04:36:10	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	38950	No
67	GOM_TRA_1PNPDE20090812_043736_000000572081_00319_38950_7636.N1	12-AUG-2009 04:37:36	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	38950	No
68	GOM_TRA_1PNPDE20090812_044352_000000552081_00319_38950_7637.N1	12-AUG-2009 04:43:52	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	38950	No
69	GOM_TRA_1PNPDE20090812_045256_000000502081_00320_38951_7638.N1	12-AUG-2009 04:52:56	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38951	No

70	GOM_TRA_1PNPDE20090812_050302_000000552081_00320_38951_7639.N1	12-AUG-2009 05:03:02	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38951	No
71	GOM_TRA_1PNPDE20090812_051057_000000562081_00320_38951_7640.N1	12-AUG-2009 05:10:57	Twilight_and_stray	56.000	18	24Alp PsA	1.1660	9700.0	112	38951	No
72	GOM_TRA_1PNPDE20090812_051656_000000452081_00320_38951_7641.N1	12-AUG-2009 05:16:56	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38951	No
73	GOM_TRA_1PNPDE20090812_052033_000000442081_00320_38951_7642.N1	12-AUG-2009 05:20:33	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38951	No
74	GOM_TRA_1PNPDE20090812_052249_000000522081_00320_38951_7643.N1	12-AUG-2009 05:22:49	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38951	No
75	GOM_TRA_1PNPDE20090812_052605_000000462081_00320_38951_7644.N1	12-AUG-2009 05:26:05	Bright	46.000	61	8Eps Peg	2.1000	3900.0	92	38951	No
76	GOM_TRA_1PNPDE20090812_053227_000000412081_00320_38951_7645.N1	12-AUG-2009 05:32:27	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38951	No
77	GOM_TRA_1PNPDE20090812_053539_000000392081_00320_38951_7646.N1	12-AUG-2009 05:35:39	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38951	No
78	GOM_TRA_1PNPDE20090812_054103_000000382081_00320_38951_7647.N1	12-AUG-2009 05:41:03	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38951	No
79	GOM_TRA_1PNPDE20090812_054620_000000502081_00320_38951_7648.N1	12-AUG-2009 05:46:20	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38951	No
80	GOM_TRA_1PNPDE20090812_054832_000000482081_00320_38951_7649.N1	12-AUG-2009 05:48:32	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38951	No
81	GOM_TRA_1PNPDE20090812_055539_000000662081_00320_38951_7792.N1	12-AUG-2009 05:55:39	Bright	66.000	160	23Gam Per	2.9300	4700.0	132	38951	No
82	GOM_TRA_1PNPDE20090812_055733_000000332081_00320_38951_7793.N1	12-AUG-2009 05:57:33	Twilight_and_stray	33.000	35	33Alp Per	1.7950	6250.0	66	38951	No
83	GOM_TRA_1PNPDE20090812_055847_000000572081_00320_38951_7794.N1	12-AUG-2009 05:58:47	Bright	56.500	175	39Del Per	3.0100	19400.	113	38951	No
84	GOM_TRA_1PNPDE20090812_060613_000000502081_00320_38951_7795.N1	12-AUG-2009 06:06:13	Twilight_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	38951	No
85	GOM_TRA_1PNPDE20090812_060829_000000442081_00320_38951_7796.N1	12-AUG-2009 06:08:29	Twilight_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	38951	No
86	GOM_TRA_1PNPDE20090812_061138_000000782081_00320_38951_7797.N1	12-AUG-2009 06:11:38	Dark	78.000	13	87Alp Tau	0.86700	3800.0	156	38951	No
87	GOM_TRA_1PNPDE20090812_061327_000000492081_00320_38951_7798.N1	12-AUG-2009 06:13:27	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38951	No
88	GOM_TRA_1PNPDE20090812_061523_000000472081_00320_38951_7799.N1	12-AUG-2009 06:15:23	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	38951	No
89	GOM_TRA_1PNPDE20090812_061647_000000442081_00320_38951_7800.N1	12-AUG-2009 06:16:47	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	38951	No
90	GOM_TRA_1PNPDE20090812_061813_000000502081_00320_38951_7801.N1	12-AUG-2009 06:18:13	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	38951	No
91	GOM_TRA_1PNPDE20090812_062429_000000552081_00320_38951_7802.N1	12-AUG-2009 06:24:29	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	38951	No
92	GOM_TRA_1PNPDE20090812_063333_000000502081_00321_38952_7803.N1	12-AUG-2009 06:33:33	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38952	No
93	GOM_TRA_1PNPDE20090812_064339_000000532081_00321_38952_7804.N1	12-AUG-2009 06:43:39	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38952	No
94	GOM_TRA_1PNPDE20090812_065134_000000562081_00321_38952_7805.N1	12-AUG-2009 06:51:34	Twilight_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	38952	No
95	GOM_TRA_1PNPDE20090812_065733_000000452081_00321_38952_7806.N1	12-AUG-2009 06:57:33	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38952	No
96	GOM_TRA_1PNPDE20090812_070109_000000452081_00321_38952_7807.N1	12-AUG-2009 07:01:09	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	38952	No
97	GOM_TRA_1PNPDE20090812_070325_000000522081_00321_38952_7808.N1	12-AUG-2009 07:03:25	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38952	No
98	GOM_TRA_1PNPDE20090812_070641_000000472081_00321_38952_7809.N1	12-AUG-2009 07:06:41	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38952	No
99	GOM_TRA_1PNPDE20090812_071302_000000402081_00321_38952_7810.N1	12-AUG-2009 07:13:02	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38952	No
100	GOM_TRA_1PNPDE20090812_071614_000000392081_00321_38952_7811.N1	12-AUG-2009 07:16:14	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38952	No
101	GOM_TRA_1PNPDE20090812_072139_000000392081_00321_38952_7812.N1	12-AUG-2009 07:21:39	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38952	No
102	GOM_TRA_1PNPDE20090812_072656_000000472081_00321_38952_7813.N1	12-AUG-2009 07:26:56	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	38952	No
103	GOM_TRA_1PNPDE20090812_072907_000000472081_00321_38952_7814.N1	12-AUG-2009 07:29:07	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38952	No
104	GOM_TRA_1PNPDE20090812_201625_000000562081_00329_38960_8165.N1	12-AUG-2009 20:16:25	Twilight_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	38960	No
105	GOM_TRA_1PNPDE20090812_202221_000000452081_00329_38960_8166.N1	12-AUG-2009 20:22:21	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38960	No
106	GOM_TRA_1PNPDE20090812_202556_000000432081_00329_38960_8167.N1	12-AUG-2009 20:25:56	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38960	No
107	GOM_TRA_1PNPDE20090812_202810_000000502081_00329_38960_8168.N1	12-AUG-2009 20:28:10	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	38960	No
108	GOM_TRA_1PNPDE20090812_203125_000000452081_00329_38960_8169.N1	12-AUG-2009 20:31:25	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	38960	No
109	GOM_TRA_1PNPDE20090812_203748_000000382081_00329_38960_8170.N1	12-AUG-2009 20:37:48	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	38960	No
110	GOM_TRA_1PNPDE20090812_204624_000000402081_00329_38960_8171.N1	12-AUG-2009 20:46:24	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38960	No
111	GOM_TRA_1PNPDE20090812_205136_000000502081_00329_38960_8172.N1	12-AUG-2009 20:51:36	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38960	No
112	GOM_TRA_1PNPDE20090812_205348_000000492081_00329_38960_8173.N1	12-AUG-2009 20:53:48	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38960	No
113	GOM_TRA_1PNPDE20090812_210057_000000542081_00329_38960_8174.N1	12-AUG-2009 21:00:57	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	38960	No
114	GOM_TRA_1PNPDE20090812_210408_000000482081_00329_38960_8175.N1	12-AUG-2009 21:04:08	Bright	47.500	175	39Del Per	3.0100	19400.	95	38960	No
115	GOM_TRA_1PNPDE20090812_210551_000000512081_00329_38960_8176.N1	12-AUG-2009 21:05:51	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	38960	No
116	GOM_TRA_1PNPDE20090812_211138_000000522081_00329_38960_8177.N1	12-AUG-2009 21:11:38	Twilight_and_stray	52.000	28	12Bet Tau	1.6500	15200.	104	38960	No
117	GOM_TRA_1PNPDE20090812_211355_000000472081_00329_38960_8178.N1	12-AUG-2009 21:13:55	Twilight_and_stray	47.000	176	23Zet Tau	3.0200	22000.	94	38960	No
118	GOM_TRA_1PNPDE20090812_211707_000000772081_00329_38960_8179.N1	12-AUG-2009 21:17:07	Dark	76.500	13	87Alp Tau	0.86700	3800.0	153	38960	No
119	GOM_TRA_1PNPDE20090812_211855_000000472081_00329_38960_8180.N1	12-AUG-2009 21:18:55	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38960	No
120	GOM_TRA_1PNPDE20090812_212051_000000462081_00329_38960_8181.N1	12-AUG-2009 21:20:51	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	38960	No
121	GOM_TRA_1PNPDE20090812_212215_000000452081_00329_38960_8182.N1	12-AUG-2009 21:22:15	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	38960	No
122	GOM_TRA_1PNPDE20090812_212342_000000582081_00329_38960_8312.N1	12-AUG-2009 21:23:42	Dark	57.500	7	19Bet Ori	0.10000	14000.	115	38960	No
123	GOM_TRA_1PNPDE20090812_213906_000000522081_00330_38961_8313.N1	12-AUG-2009 21:39:06	Dark	51.500	157	The1Eri	2.9060	9300.0	103	38961	No
124	GOM_TRA_1PNPDE20090812_214910_000000612081_00330_38961_8314.N1	12-AUG-2009 21:49:10	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	38961	No
125	GOM_TRA_1PNPDE20090812_215702_000000552081_00330_38961_8315.N1	12-AUG-2009 21:57:02	Twilight_and_stray	55.000	18	24Alp PsA	1.1660	9700.0	110	38961	No
126	GOM_TRA_1PNPDE20090812_220257_000000622081_00330_38961_8316.N1	12-AUG-2009 22:02:57	Bright	62.000	142	49Del Cap	2.8500	8900.0	124	38961	No
127	GOM_TRA_1PNPDE20090812_220632_000000432081_00330_38961_8317.N1	12-AUG-2009 22:06:32	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38961	No
128	GOM_TRA_1PNPDE20090812_220845_000000512081_00330_38961_8318.N1	12-AUG-2009 22:08:45	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	38961	No

129	GOM_TRA_1PNPDE20090812_221200_000000682081_00330_38961_8319.N1	12-AUG-2009 22:12:00	Bright	68.000	61	8Eps Peg	2.1000	3900.0	136	38961	No
130	GOM_TRA_1PNPDE20090812_221823_000000382081_00330_38961_8320.N1	12-AUG-2009 22:18:23	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38961	No
131	GOM_TRA_1PNPDE20090812_222659_000000402081_00330_38961_8321.N1	12-AUG-2009 22:26:59	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38961	No
132	GOM_TRA_1PNPDE20090812_223212_000000462081_00330_38961_8322.N1	12-AUG-2009 22:32:12	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	38961	No
133	GOM_TRA_1PNPDE20090812_223423_000000452081_00330_38961_8323.N1	12-AUG-2009 22:34:23	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	38961	No
134	GOM_TRA_1PNPDE20090812_224132_000000522081_00330_38961_8324.N1	12-AUG-2009 22:41:32	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38961	No
135	GOM_TRA_1PNPDE20090812_224443_000000522081_00330_38961_8325.N1	12-AUG-2009 22:44:43	Bright	51.500	175	39Del Per	3.0100	19400.	103	38961	No
136	GOM_TRA_1PNPDE20090812_224627_000000482081_00330_38961_8326.N1	12-AUG-2009 22:46:27	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	38961	No
137	GOM_TRA_1PNPDE20090812_225214_000000502081_00330_38961_8327.N1	12-AUG-2009 22:52:14	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	38961	No
138	GOM_TRA_1PNPDE20090812_225431_000000462081_00330_38961_8328.N1	12-AUG-2009 22:54:31	Twilight	45.500	176	23Zet Tau	3.0200	22000.	91	38961	No
139	GOM_TRA_1PNPDE20090812_225744_000000732081_00330_38961_8329.N1	12-AUG-2009 22:57:44	Dark	72.500	13	87Alp Tau	0.86700	3800.0	145	38961	No
140	GOM_TRA_1PNPDE20090812_225932_000000492081_00330_38961_8330.N1	12-AUG-2009 22:59:32	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38961	No
141	GOM_TRA_1PNPDE20090812_230128_000000502081_00330_38961_8331.N1	12-AUG-2009 23:01:28	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	38961	No
142	GOM_TRA_1PNPDE20090812_230252_000000442081_00330_38961_8332.N1	12-AUG-2009 23:02:52	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	38961	No
143	GOM_TRA_1PNPDE20090812_230419_000000632081_00330_38961_8455.N1	12-AUG-2009 23:04:19	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	38961	No
144	GOM_TRA_1PNPDE20090812_231943_000000502081_00331_38962_8456.N1	12-AUG-2009 23:19:43	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38962	No
145	GOM_TRA_1PNPDE20090812_232947_000000622081_00331_38962_8457.N1	12-AUG-2009 23:29:47	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	38962	No
146	GOM_TRA_1PNPDE20090812_233737_000000552081_00331_38962_8458.N1	12-AUG-2009 23:37:37	Twilight	55.000	18	24Alp PsA	1.1660	9700.0	110	38962	No
147	GOM_TRA_1PNPDE20090812_234333_000000452081_00331_38962_8459.N1	12-AUG-2009 23:43:33	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38962	No
148	GOM_TRA_1PNPDE20090812_234708_000000432081_00331_38962_8460.N1	12-AUG-2009 23:47:08	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38962	No
149	GOM_TRA_1PNPDE20090812_234921_000000512081_00331_38962_8461.N1	12-AUG-2009 23:49:21	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	38962	No
150	GOM_TRA_1PNPDE20090812_235236_000000472081_00331_38962_8462.N1	12-AUG-2009 23:52:36	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38962	No
151	GOM_TRA_1PNPDE20090812_235859_000000372081_00331_38962_8463.N1	12-AUG-2009 23:58:59	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	38962	No

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



4. Overview of dark signal processing per product

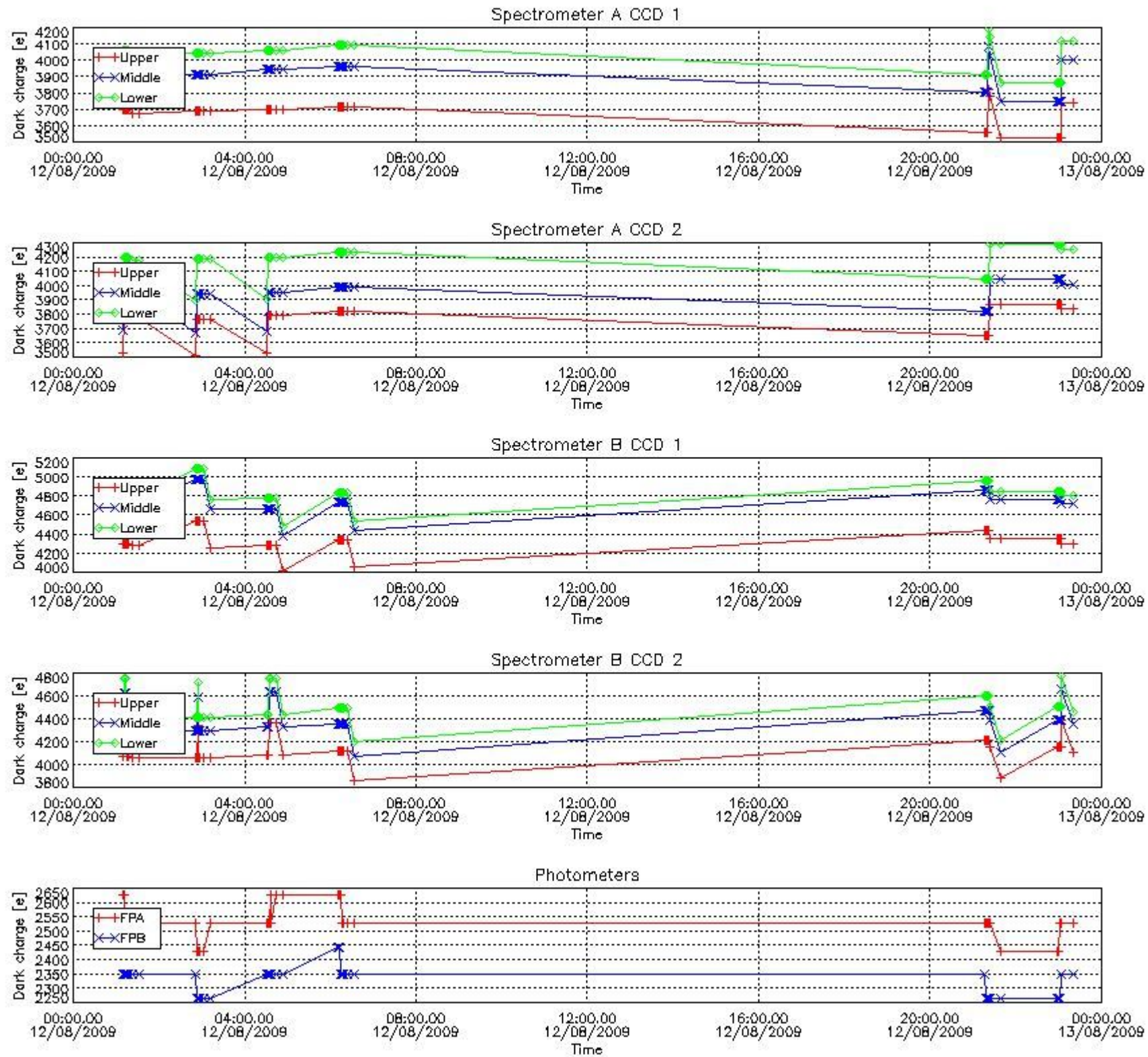
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

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

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

Product name	DC information
GOM_TRA_1PNPDE20090812_201625_000000562081_00329_38960_8165.N1	DC map used
GOM_TRA_1PNPDE20090812_202221_000000452081_00329_38960_8166.N1	DC map used
GOM_TRA_1PNPDE20090812_202556_000000432081_00329_38960_8167.N1	DC map used
GOM_TRA_1PNPDE20090812_202810_000000502081_00329_38960_8168.N1	DC map used
GOM_TRA_1PNPDE20090812_203125_000000452081_00329_38960_8169.N1	DC map used
GOM_TRA_1PNPDE20090812_203748_000000382081_00329_38960_8170.N1	DC map used
GOM_TRA_1PNPDE20090812_204624_000000402081_00329_38960_8171.N1	DC map used
GOM_TRA_1PNPDE20090812_205136_000000502081_00329_38960_8172.N1	DC map used
GOM_TRA_1PNPDE20090812_205348_000000492081_00329_38960_8173.N1	DC map used
GOM_TRA_1PNPDE20090812_210057_000000542081_00329_38960_8174.N1	DC map used
GOM_TRA_1PNPDE20090812_210408_000000482081_00329_38960_8175.N1	DC map used
GOM_TRA_1PNPDE20090812_210551_000000512081_00329_38960_8176.N1	DC map used
GOM_TRA_1PNPDE20090812_211138_000000522081_00329_38960_8177.N1	DC map used
GOM_TRA_1PNPDE20090812_211355_000000472081_00329_38960_8178.N1	DC map used
GOM_TRA_1PNPDE20090812_211707_000000772081_00329_38960_8179.N1	DC map used
GOM_TRA_1PNPDE20090812_211855_000000472081_00329_38960_8180.N1	DC map used
GOM_TRA_1PNPDE20090812_212051_000000462081_00329_38960_8181.N1	DC map used
GOM_TRA_1PNPDE20090812_212215_000000452081_00329_38960_8182.N1	DC map used

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



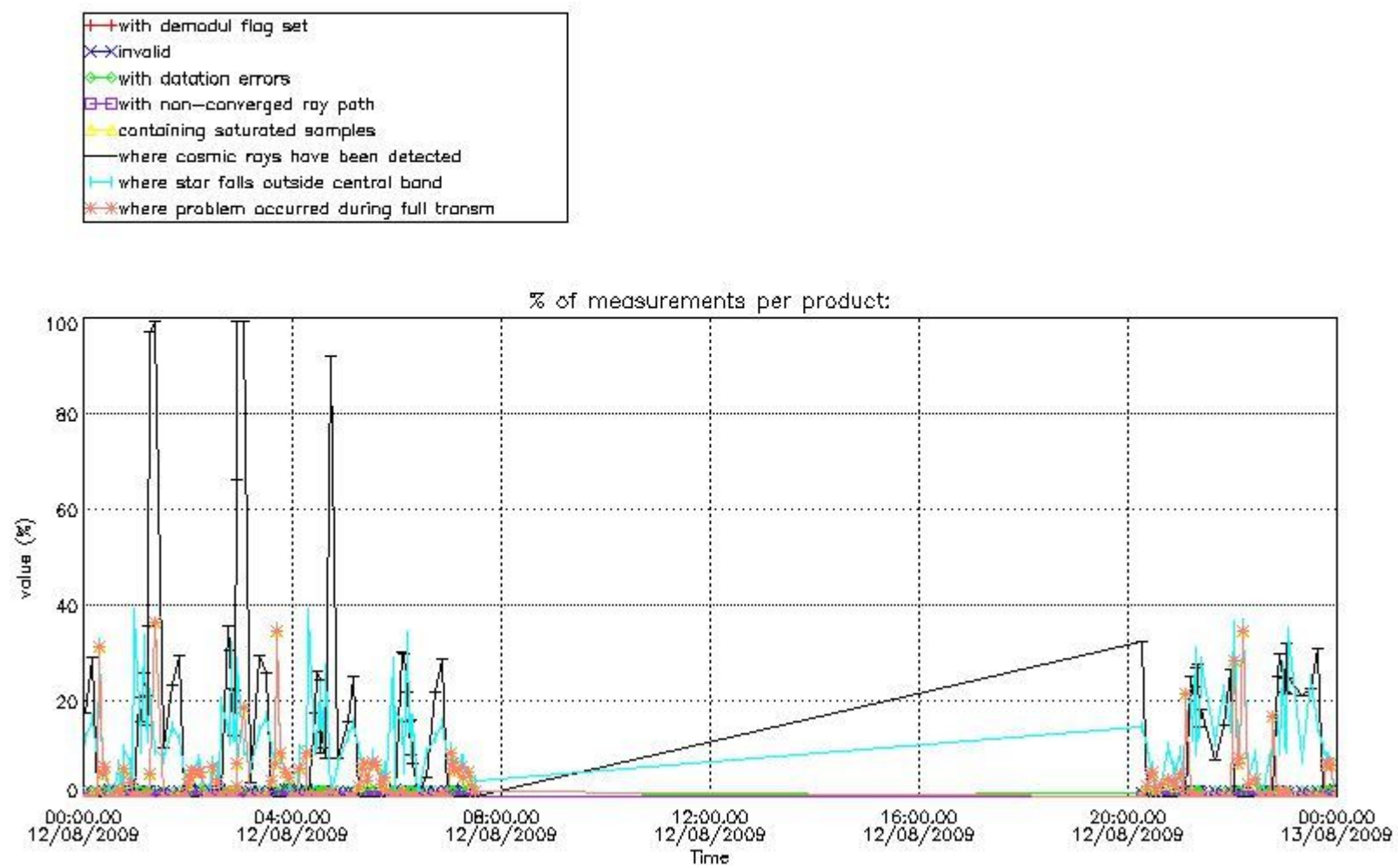
5. Demodulation flag and quality information monitoring

In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

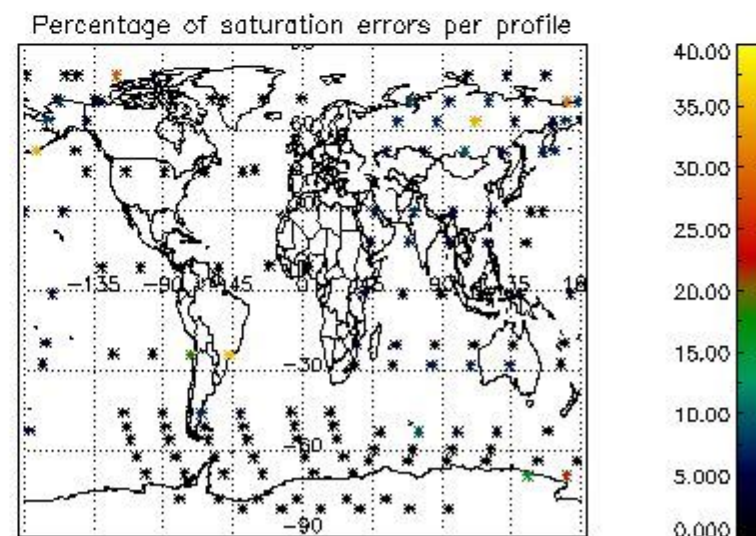
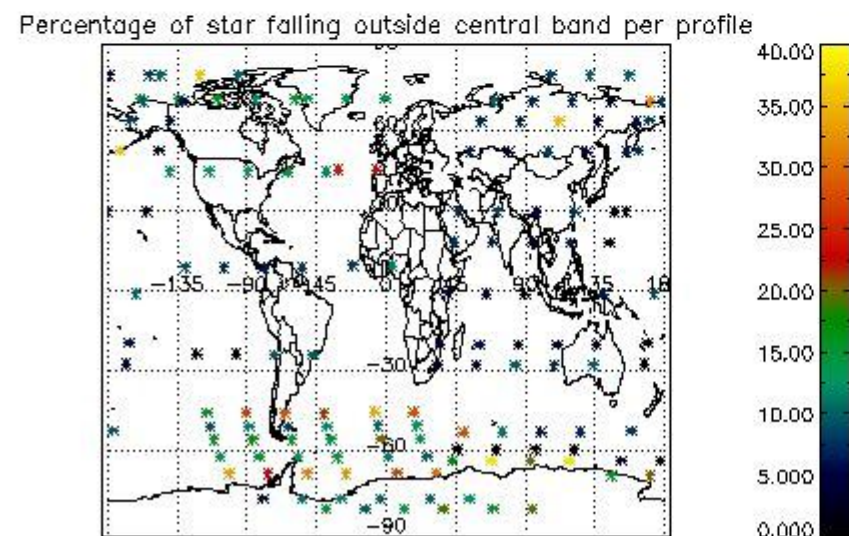
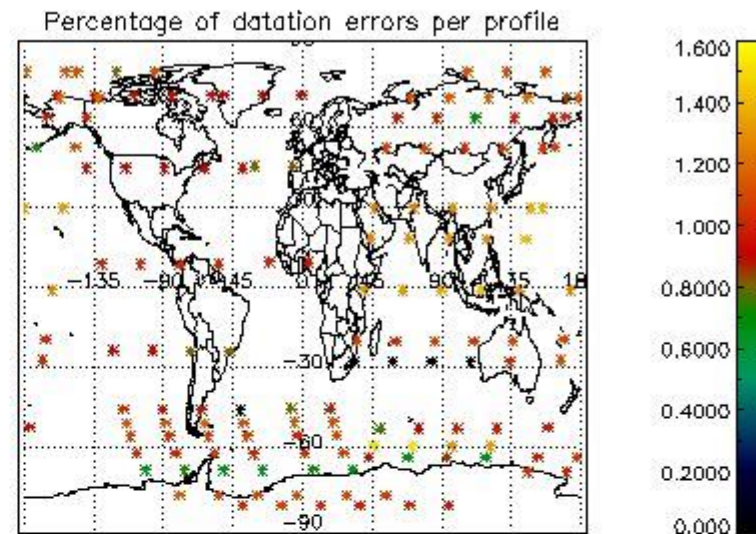
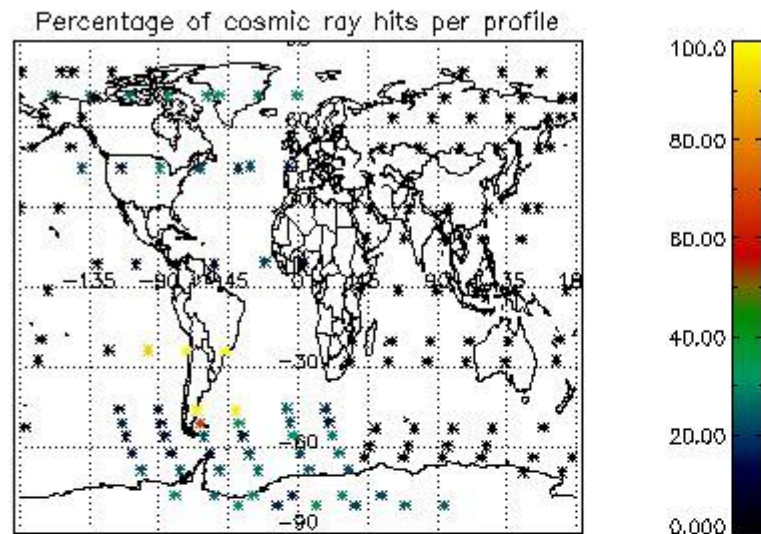
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	26.4901 %
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)



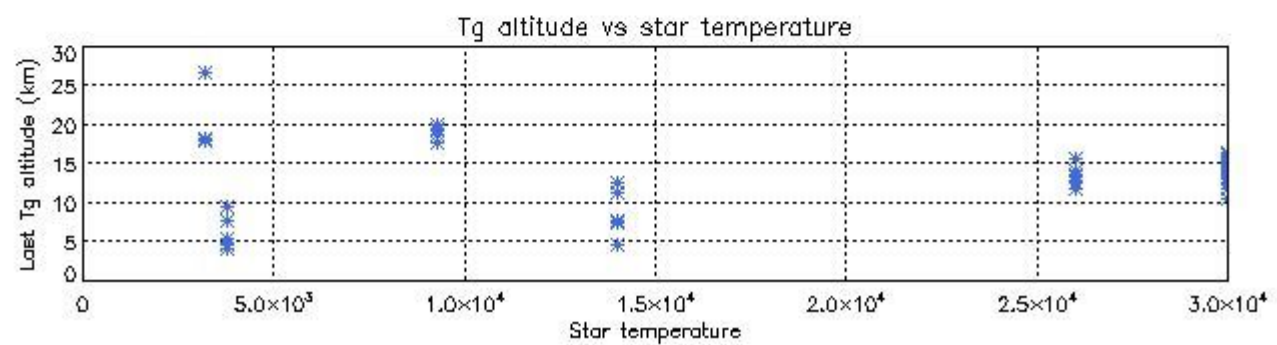
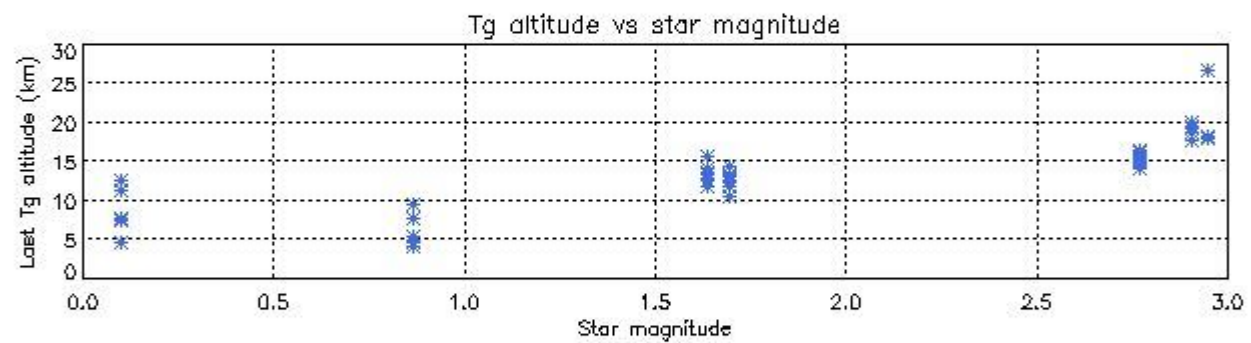
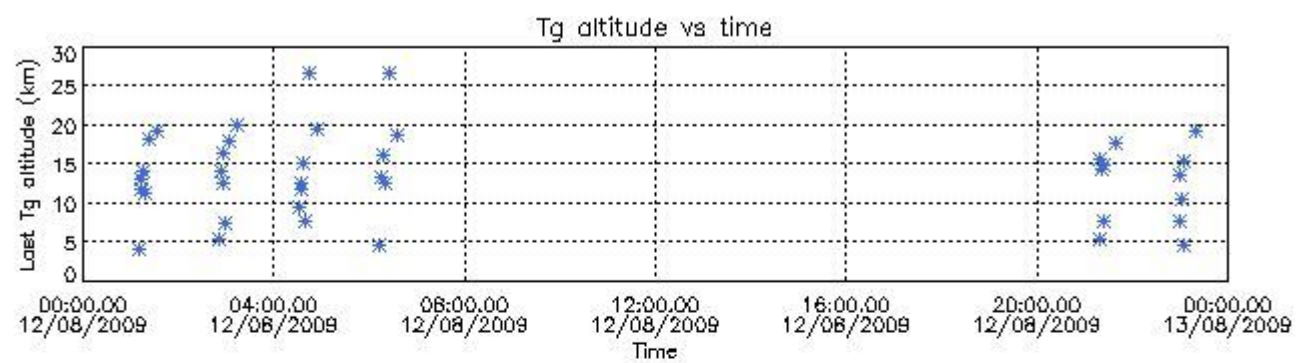
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.492	20.084	NaN
St. deviation:	5.4518	7.0900	NaN
Maximum:	26.734	49.103	NaN
Minimum:	4.1515	3.3647	NaN
Number of data:	40.000	82.000	NaN

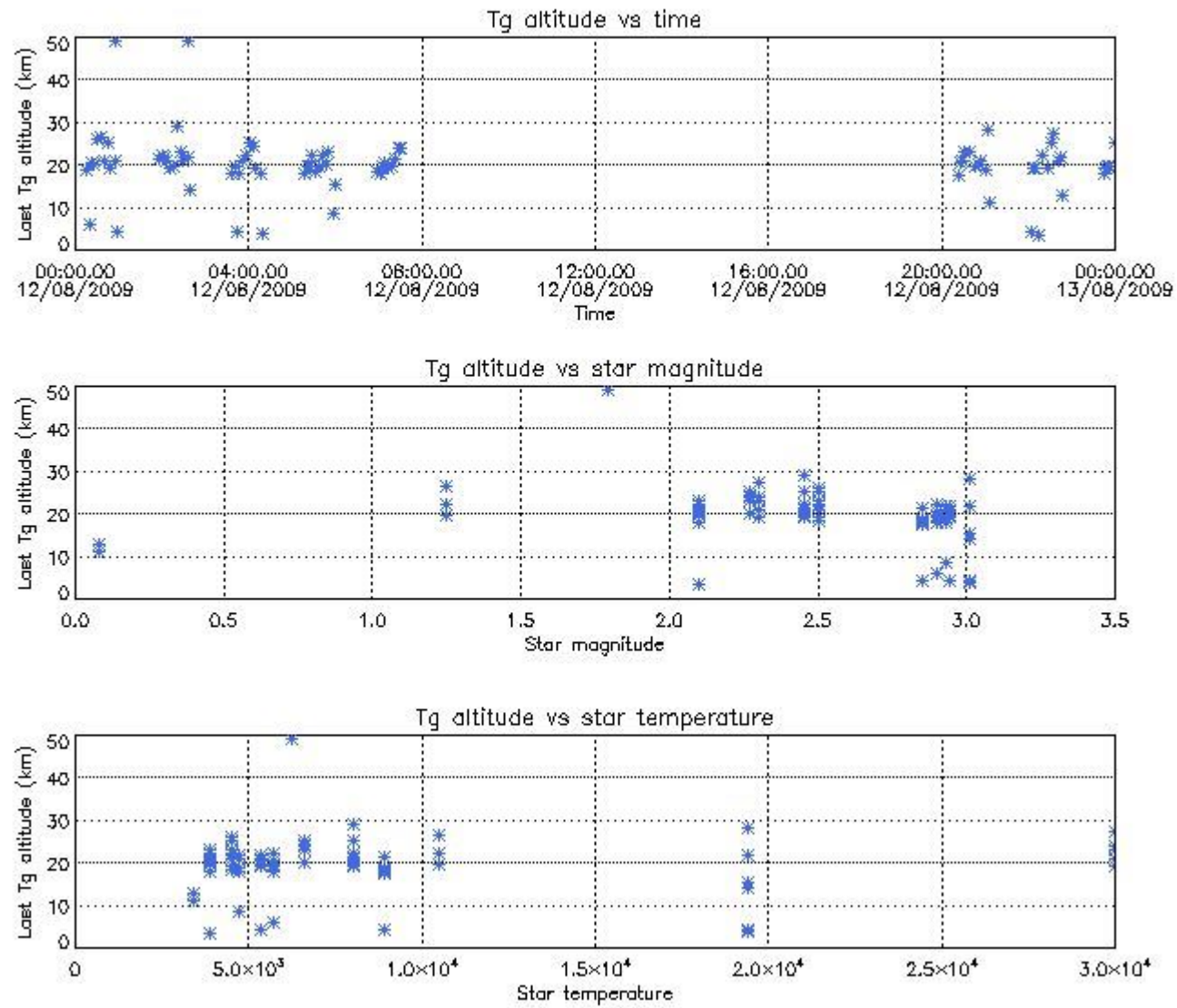
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

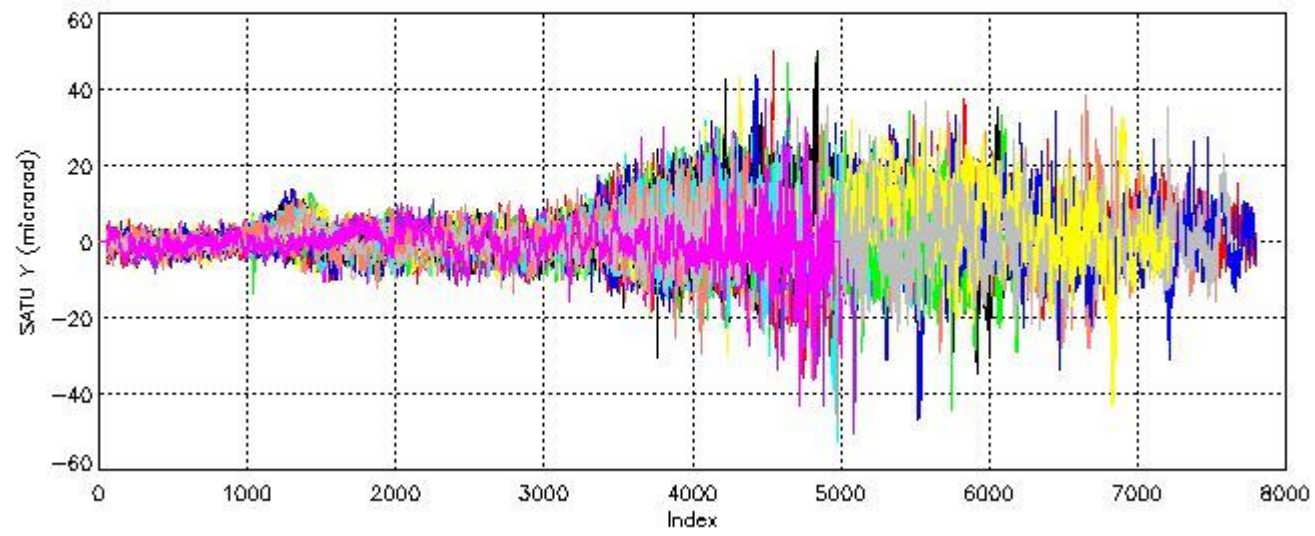
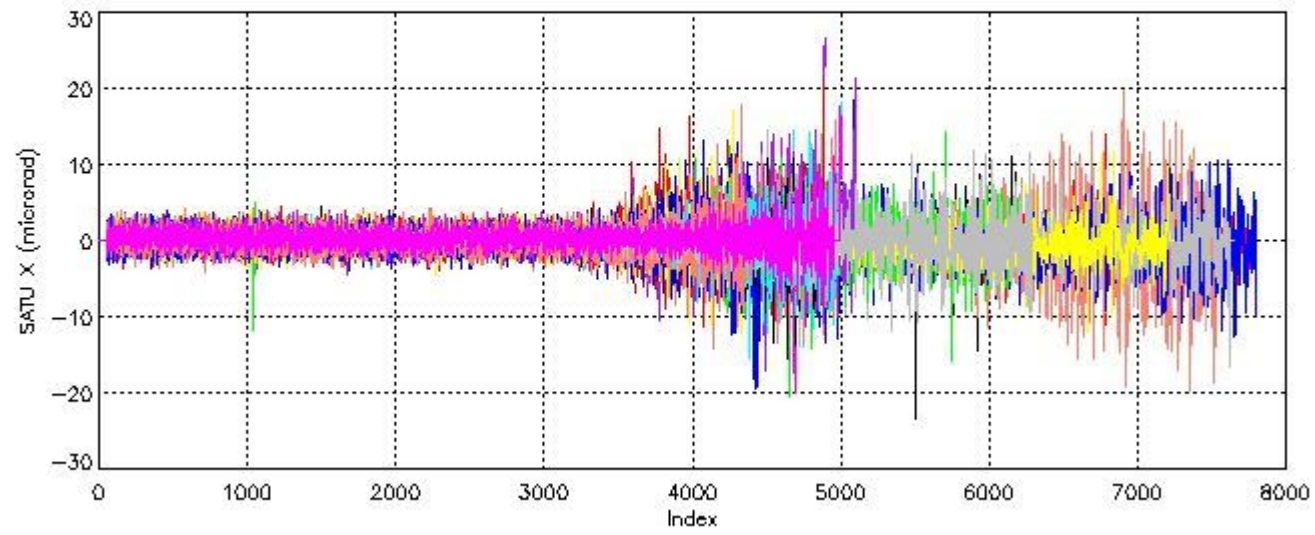


7. Star Acquisition and Tracking Unit (SATU)

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:	0.21752	-0.43139	0.28694	-0.59594
St. deviation:	0.55892	1.2271	0.78218	1.4394
Maximum:	5.0000	7.4000	6.5000	8.7000
Minimum:	-11.800	-13.700	-5.2000	-8.8000

Number of data:	44800.	44800.	86950.	86950.
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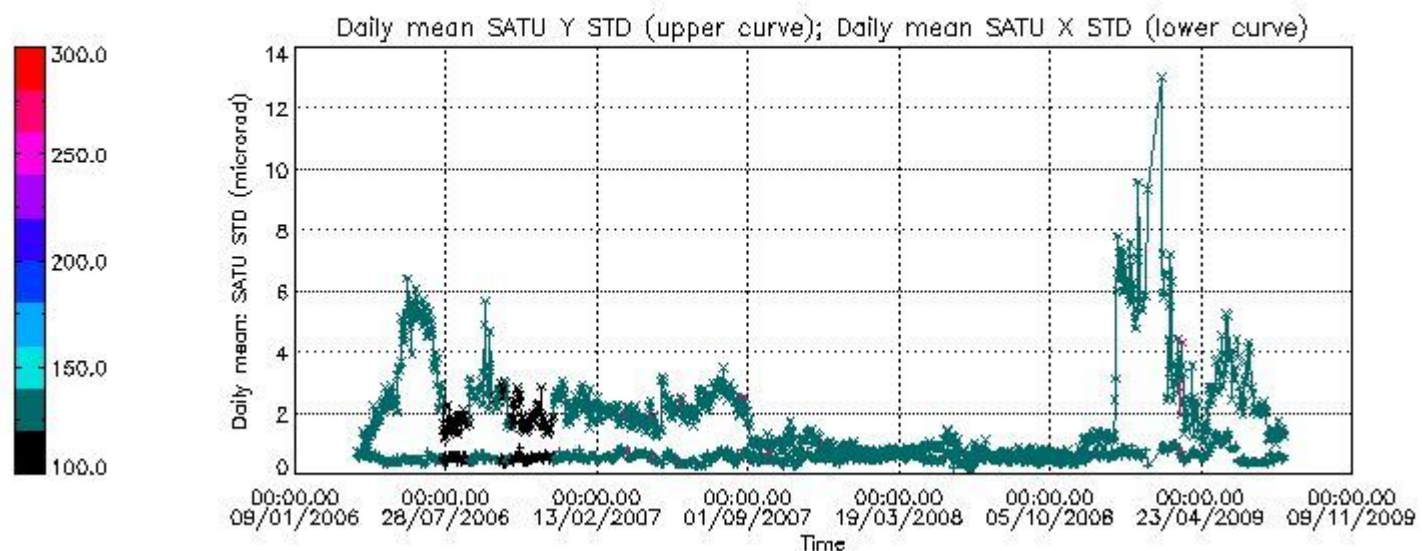
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

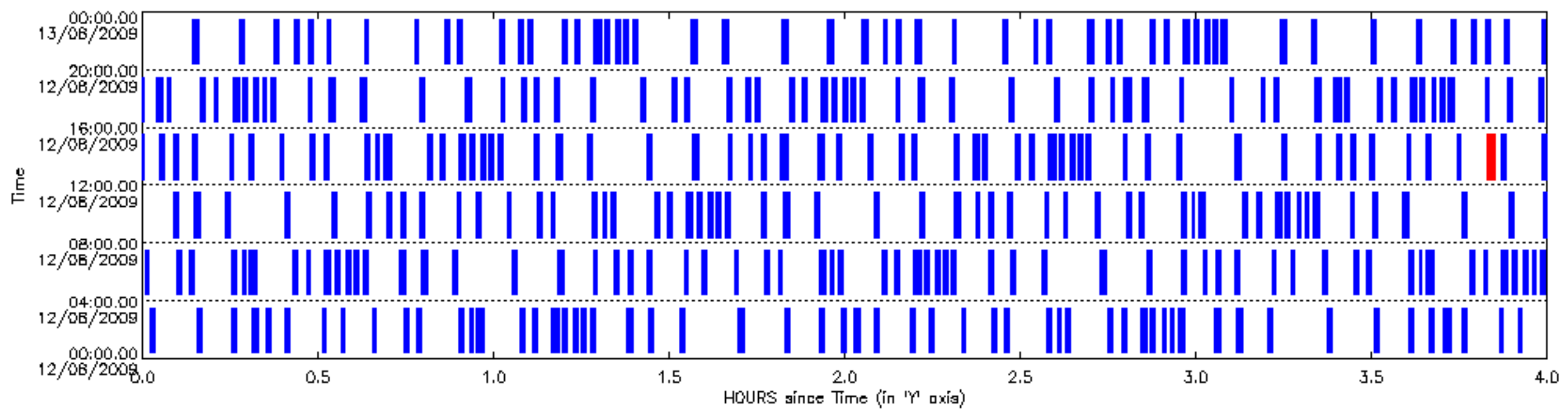
Lower curve: STD of SATU X axis

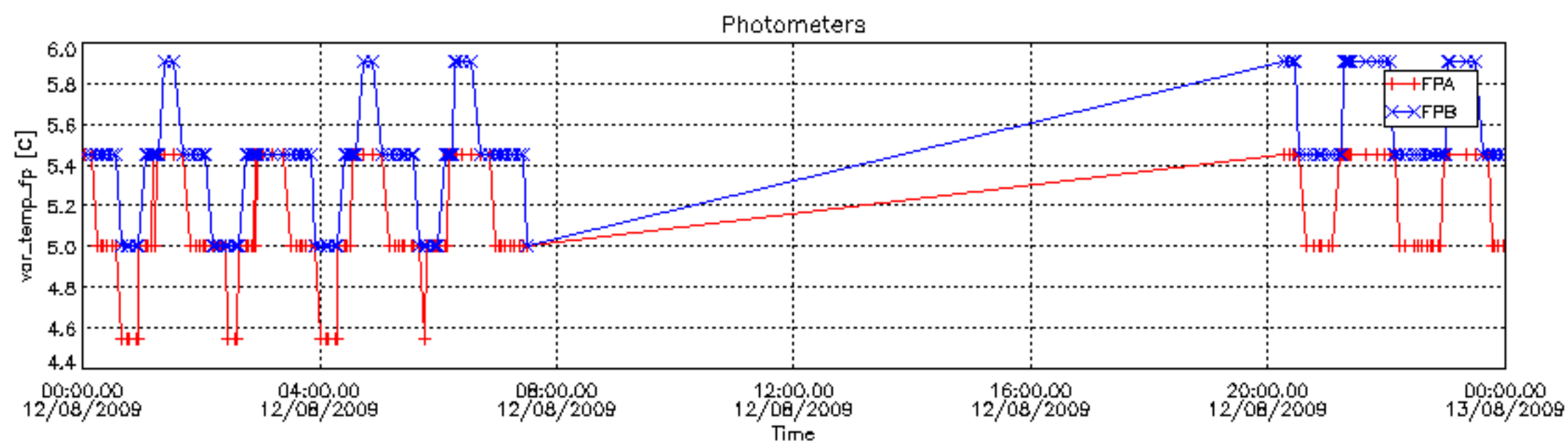
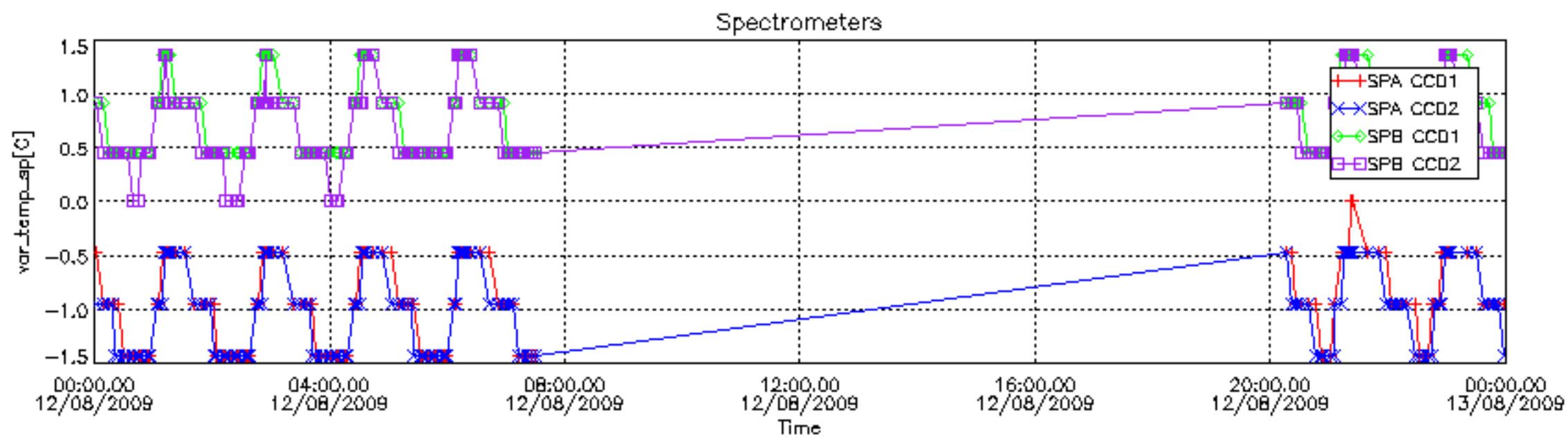


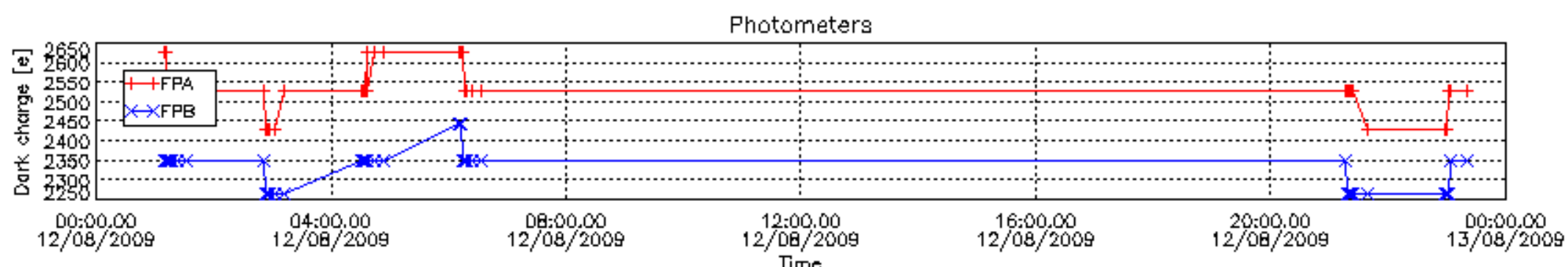
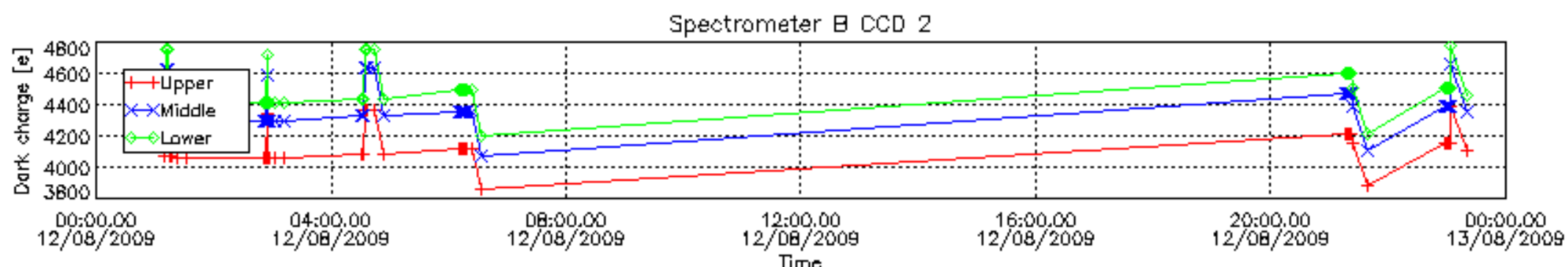
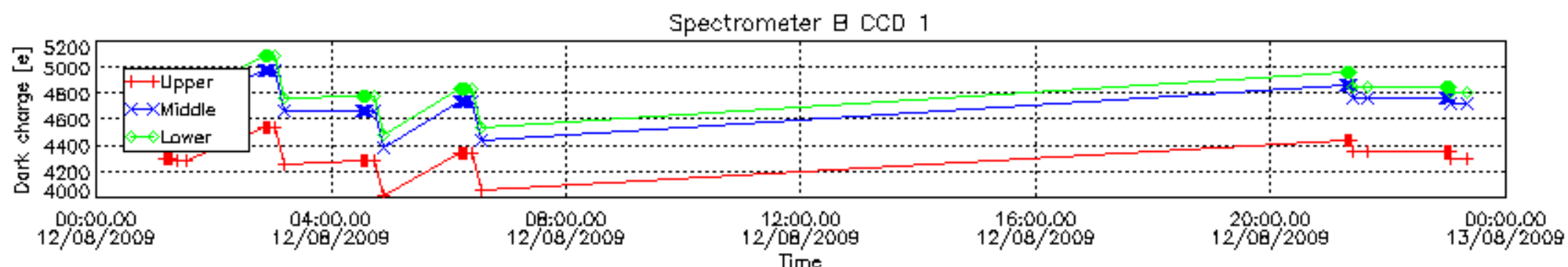
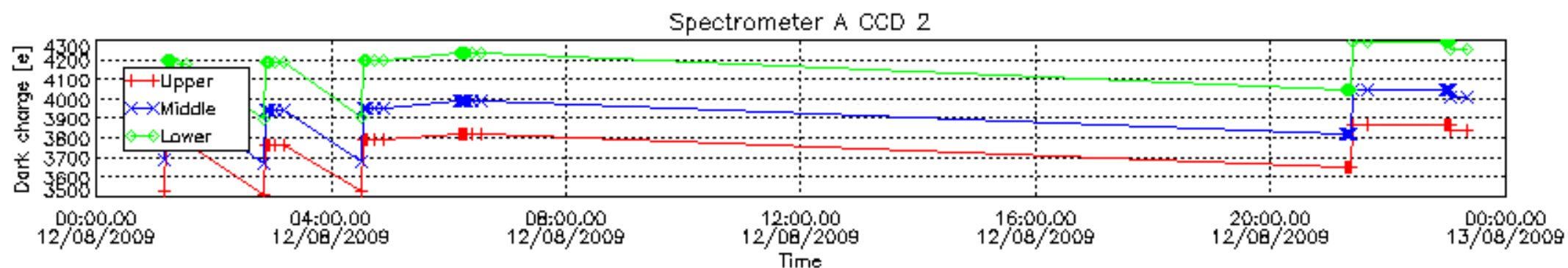
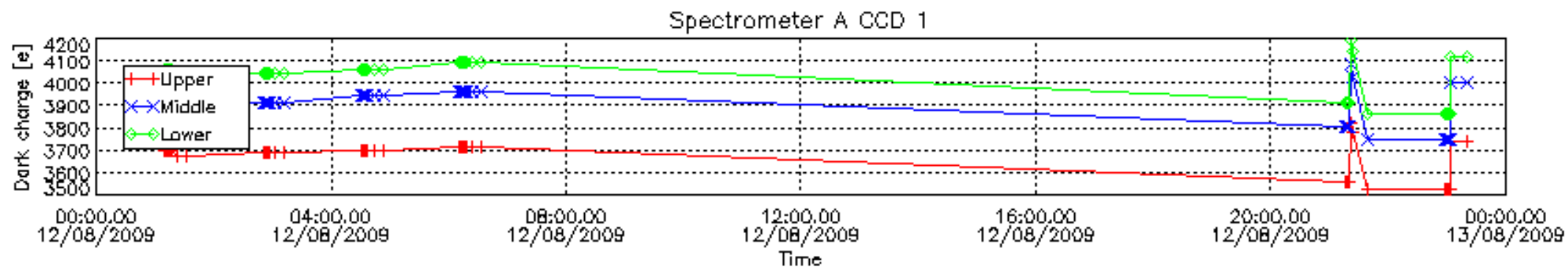
8. Auxiliary Data Files used for the production reported in section 2.4

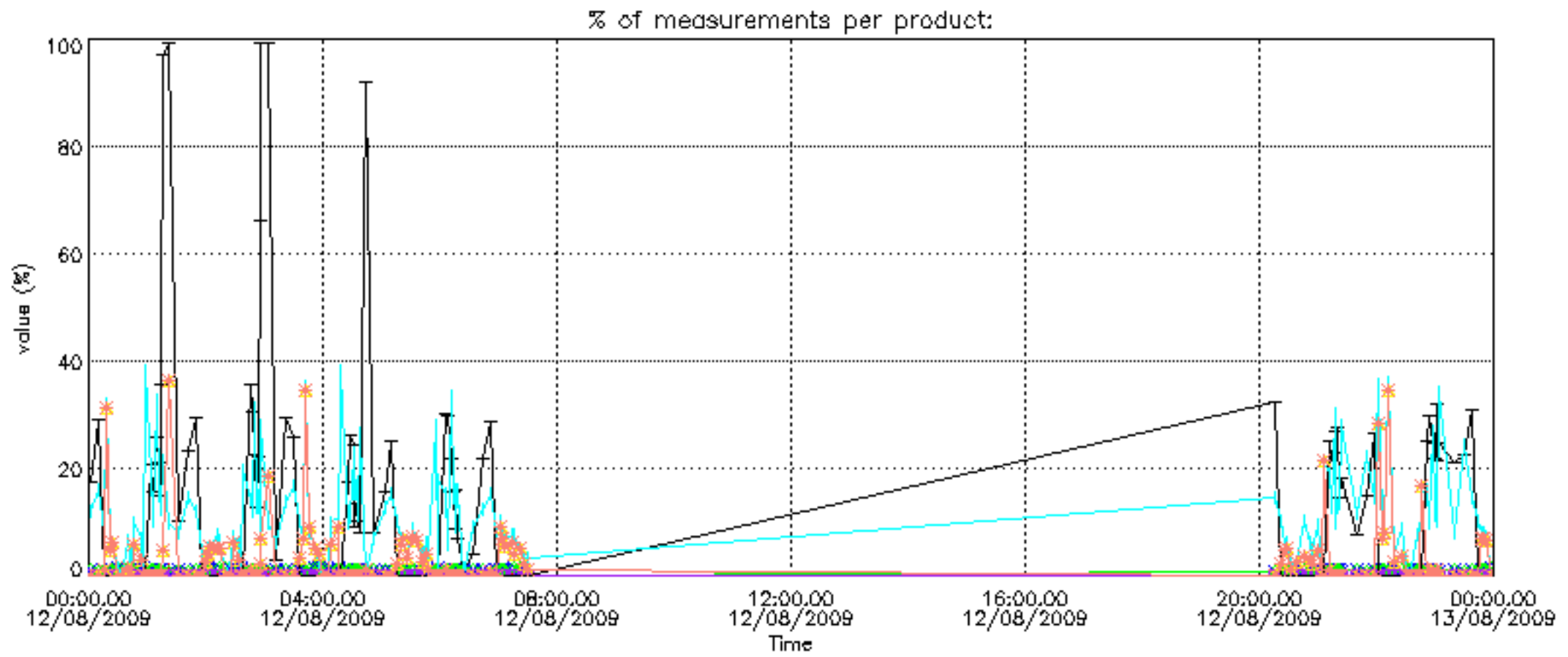
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	12-AUG-2009 00:01:12
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090811_154222_20090809_000000_20100101_000000	1	12-AUG-2009 00:01:12
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	12-AUG-2009 00:01:12
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	12-AUG-2009 00:01:12
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	12-AUG-2009 00:01:12
ECMWF_FILE	AUX_ECF_AXNECM20090811_064112_20090811_210000_20090812_090000	1	12-AUG-2009 00:01:12
ECMWF_FILE	AUX_ECF_AXNECM20090811_184112_20090812_030000_20090812_150000	58	12-AUG-2009 04:15:03
ECMWF_FILE	AUX_ECF_AXNECM20090812_062113_20090812_150000_20090813_030000	104	12-AUG-2009 20:16:25
ECMWF_FILE	AUX_ECF_AXNECM20090812_064112_20090812_210000_20090813_090000	122	12-AUG-2009 21:23:42
OPTIONAL_ECMWF_FILE	MISSING	1	12-AUG-2009 00:01:12
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090811_215210_000057382081_00315_38946_8536.N1	1	12-AUG-2009 00:01:12
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090811_233307_000057382081_00316_38947_8537.N1	22	12-AUG-2009 01:22:37
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090812_011404_000041442081_00317_38948_8538.N1	35	12-AUG-2009 02:34:28
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090812_022827_000057382081_00318_38949_8539.N1	58	12-AUG-2009 04:15:03
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090812_040924_000057382081_00319_38950_8540.N1	81	12-AUG-2009 05:55:39
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090812_200546_000041442081_00329_38960_8542.N1	104	12-AUG-2009 20:16:25
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090812_212009_000057382081_00329_38960_8543.N1	143	12-AUG-2009 23:04:19

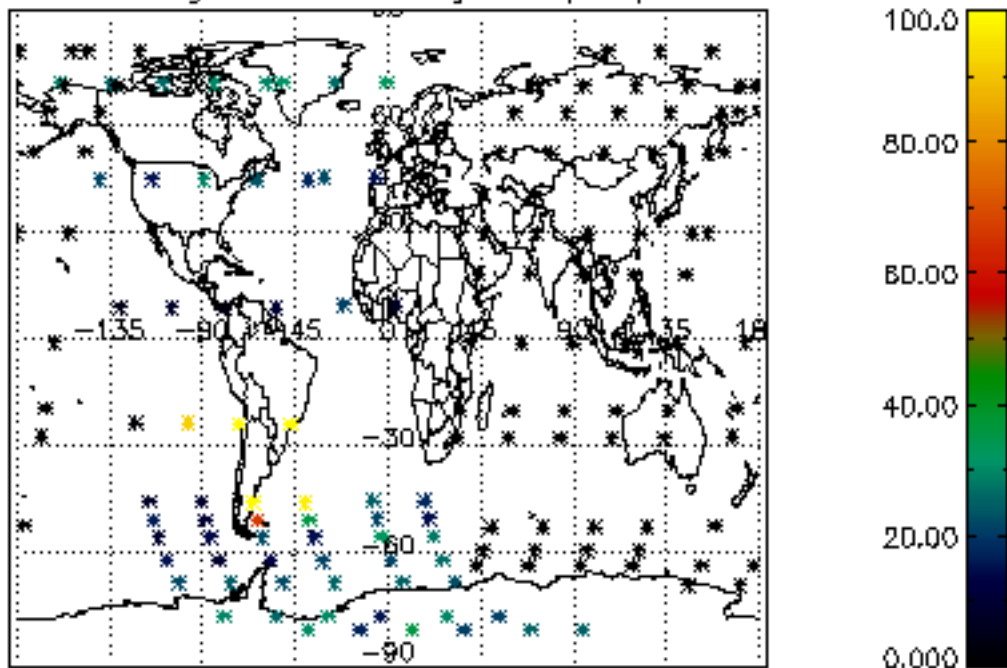




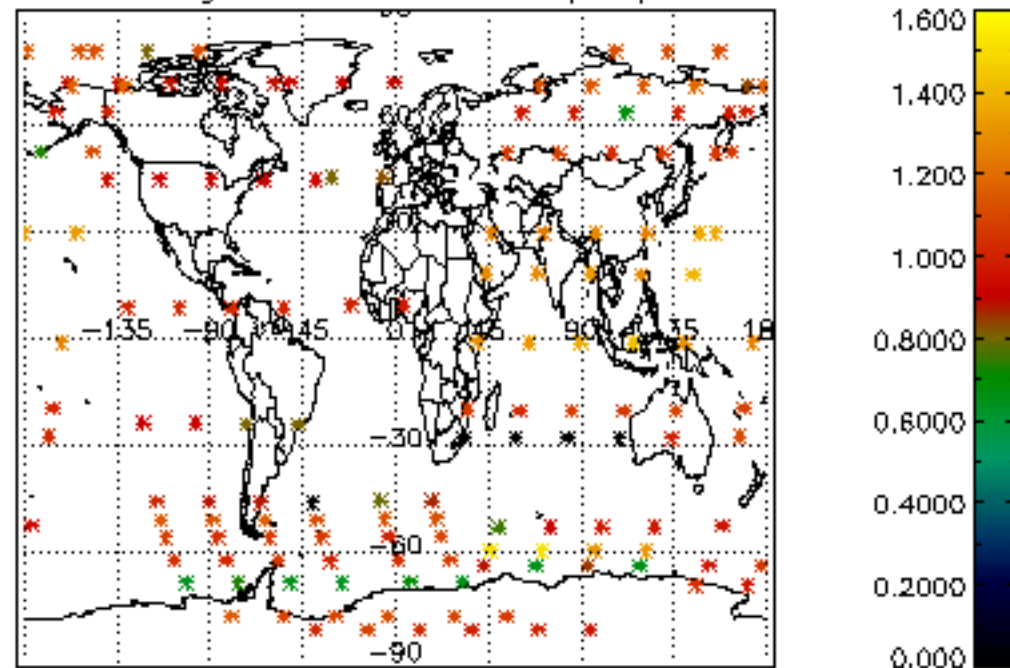




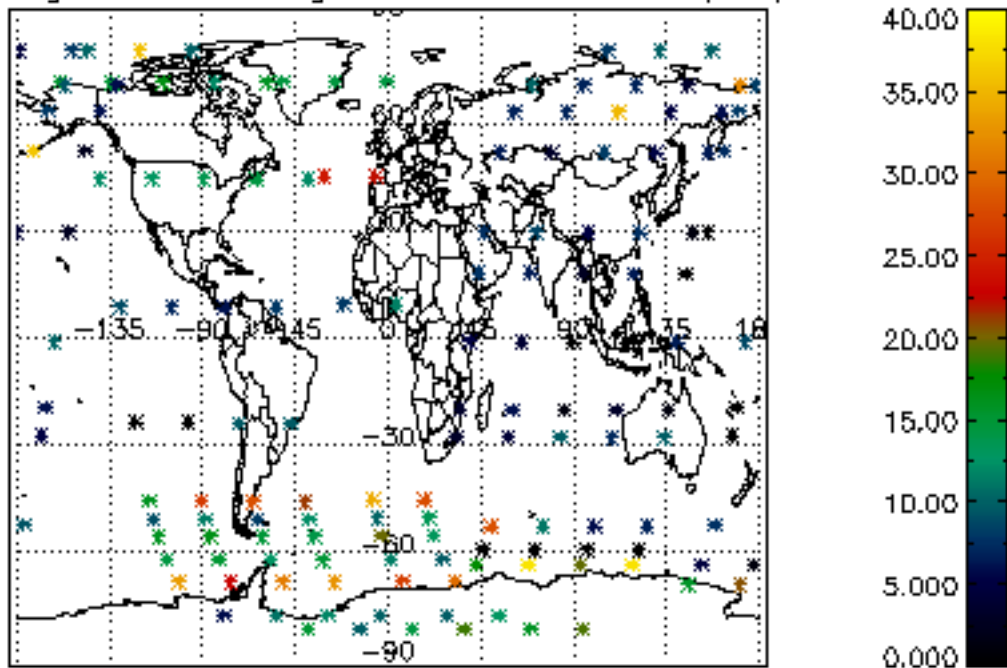
Percentage of cosmic ray hits per profile



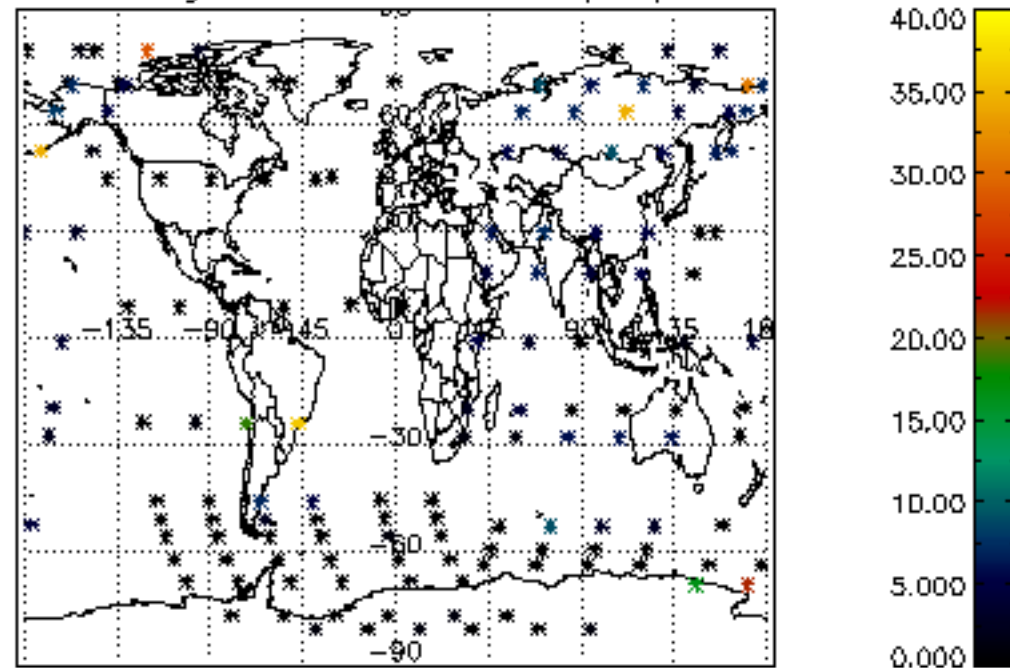
Percentage of datation errors per profile



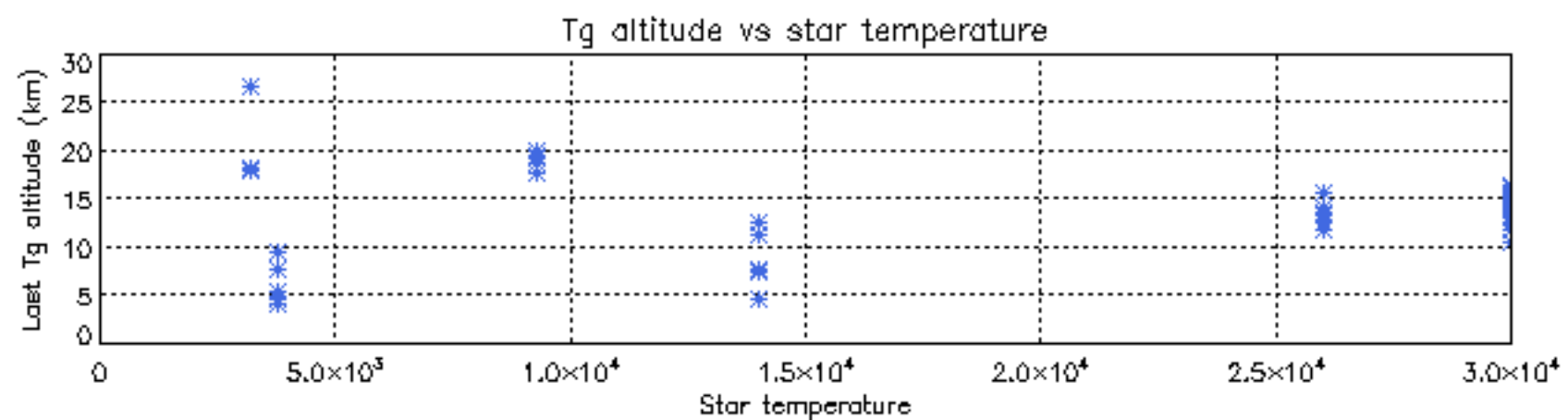
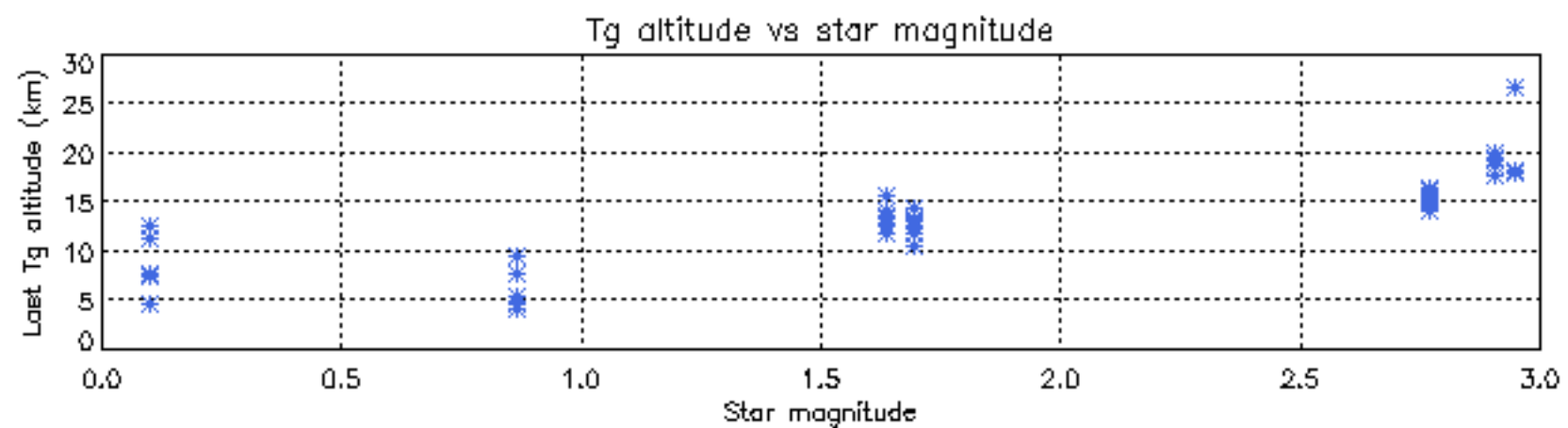
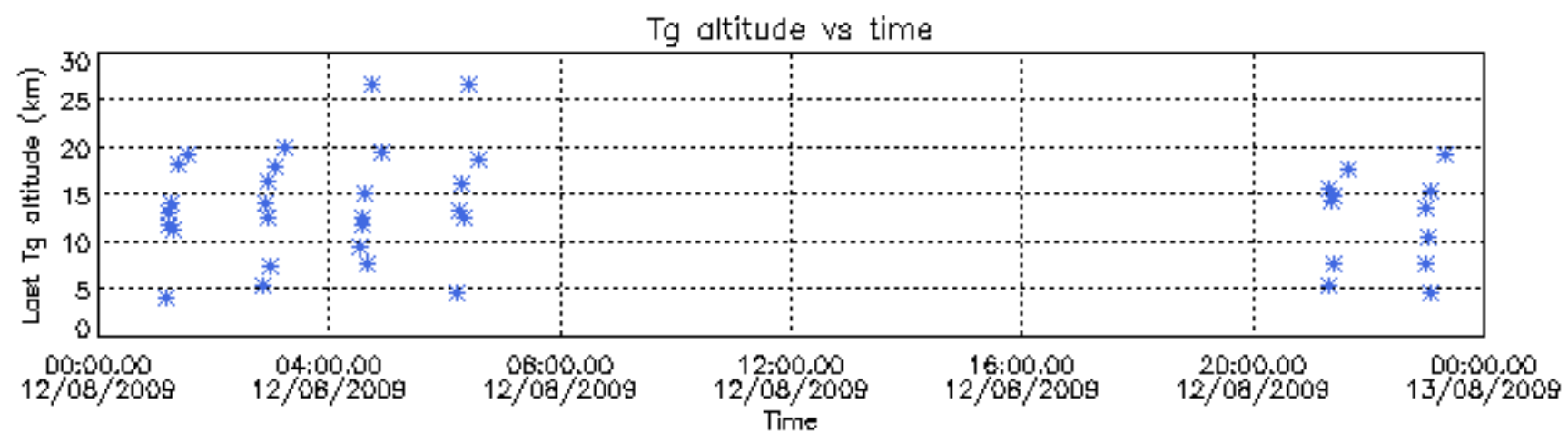
Percentage of star falling outside central band per profile



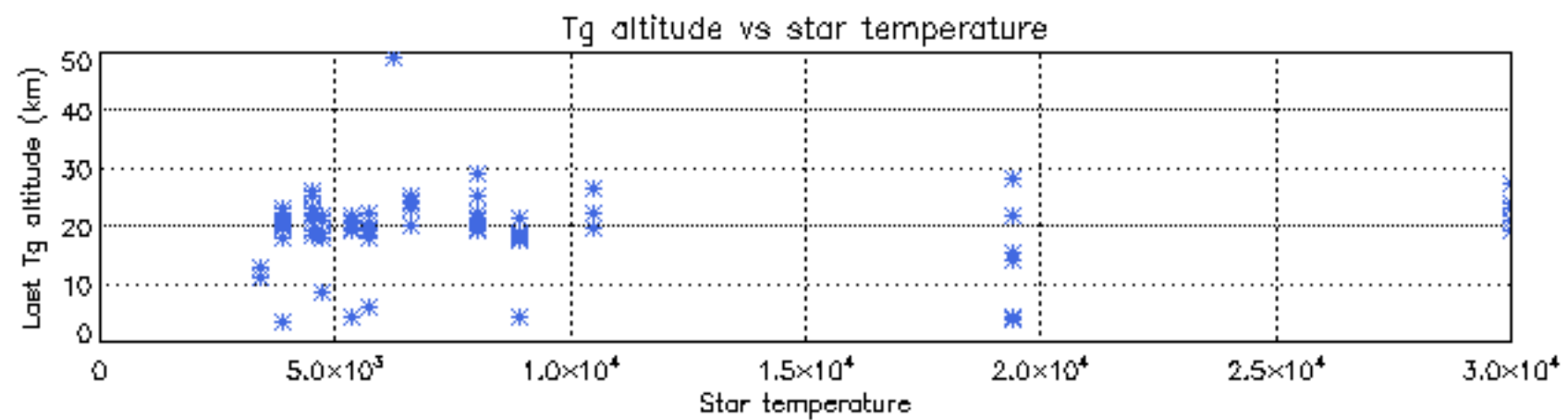
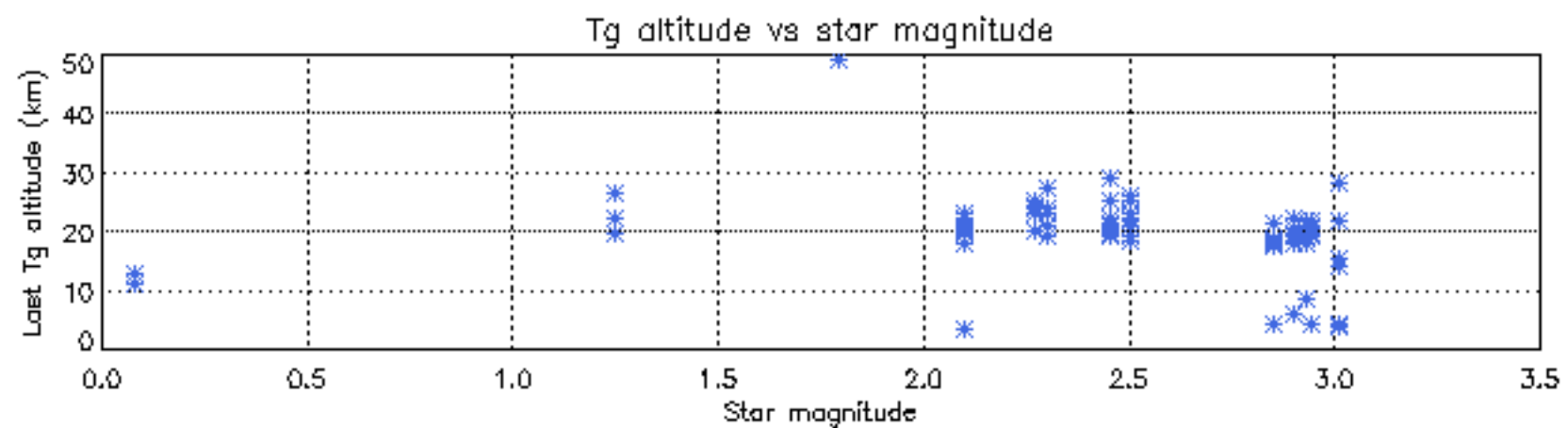
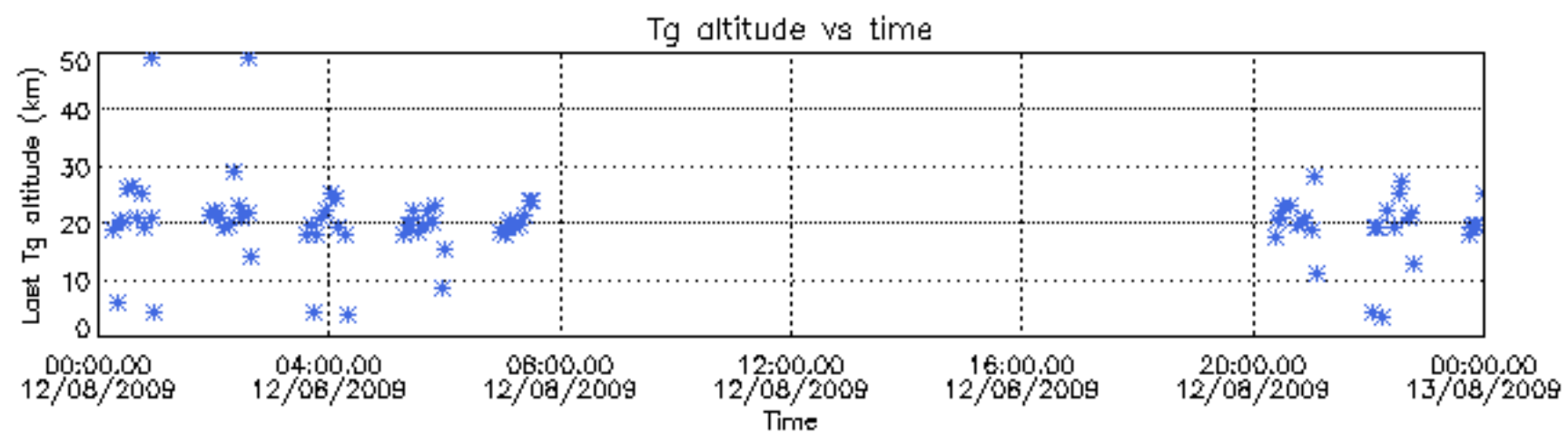
Percentage of saturation errors per profile

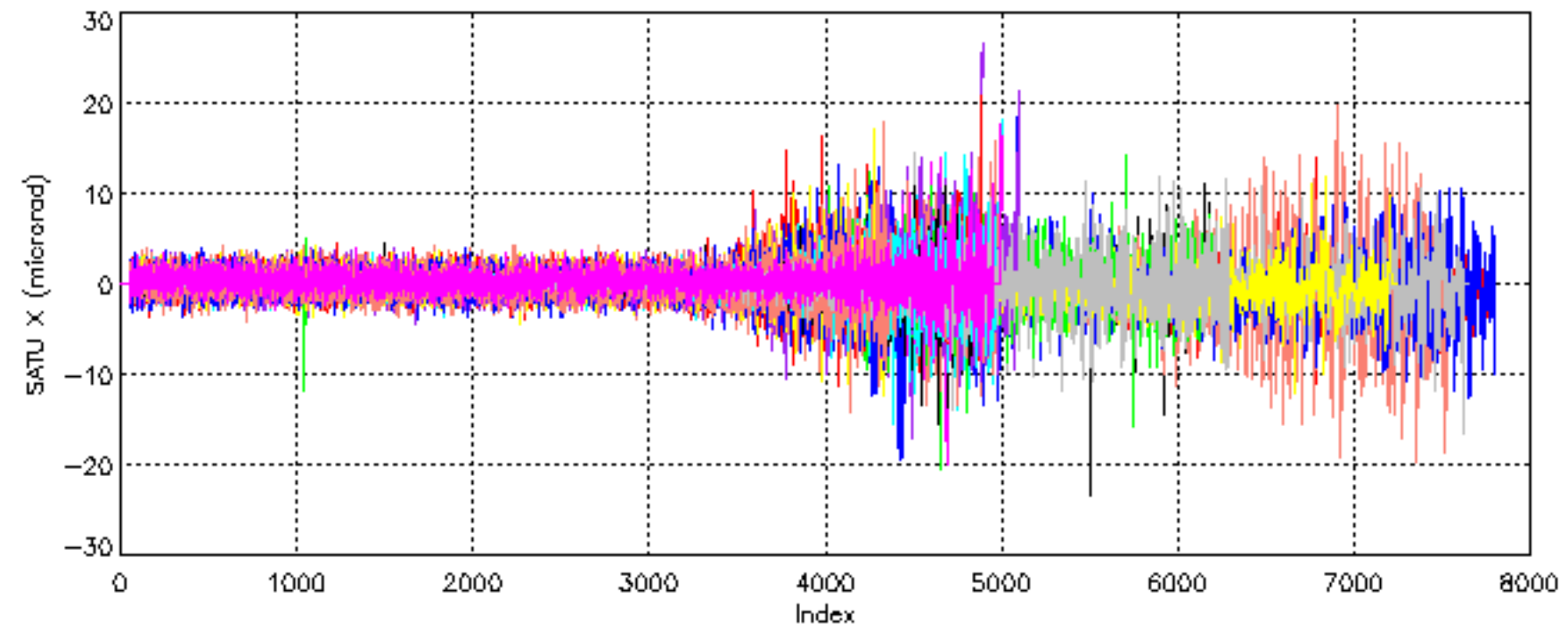


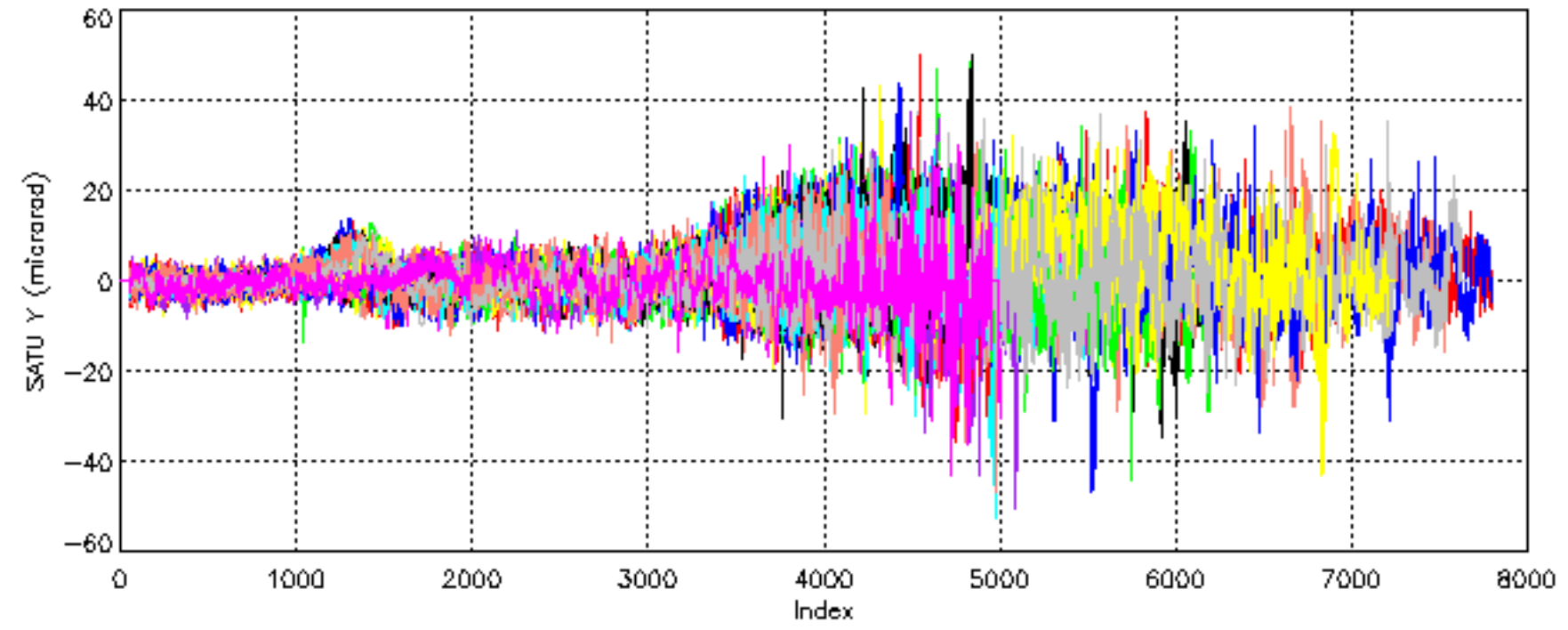
Tangent altitude at which the star is lost

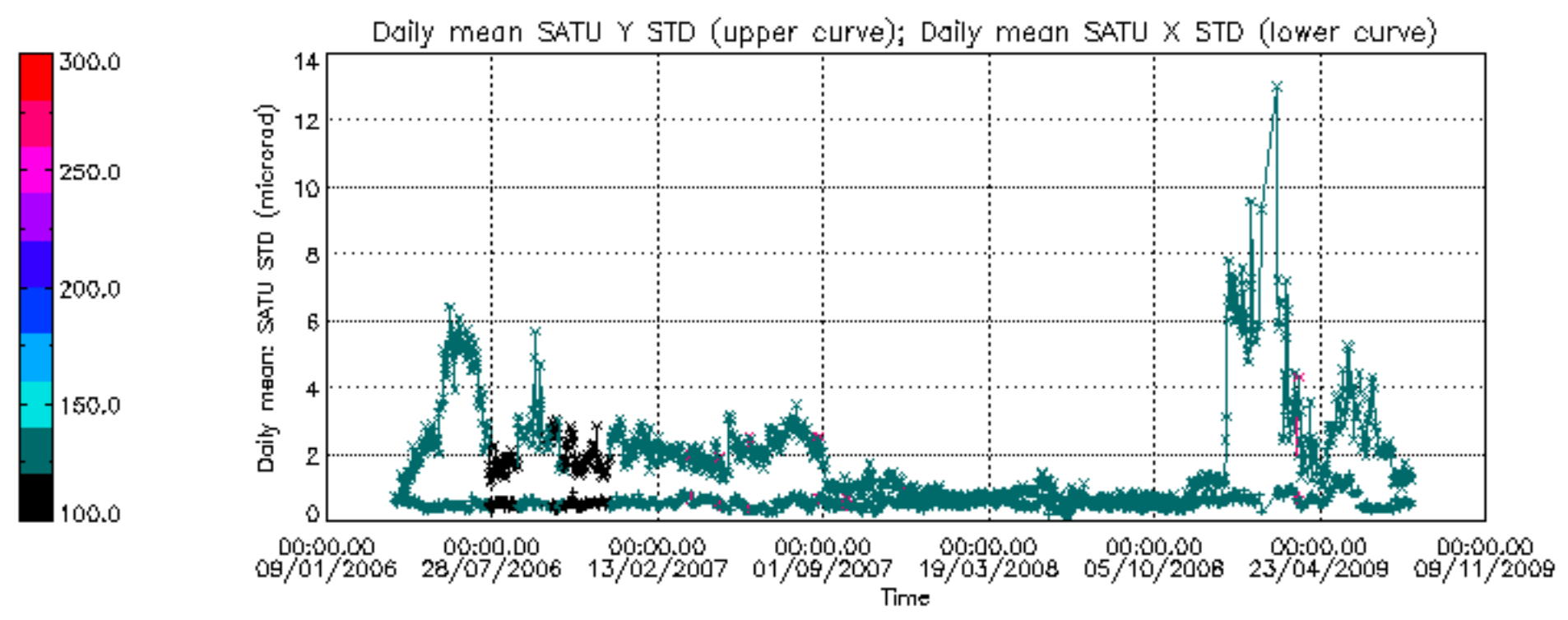


Tangent altitude at which the star is lost









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 2; -588.9; 01-AUG-2009 00:24:53; Dark ; 55.5; 165; 34Gam Eri ; 2.95; 3200;occ; 111; 0;38790
 3; -23.8; 01-AUG-2009 00:34:18; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;38790
 4; 593.0; 01-AUG-2009 00:44:35; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38791
 5; 919.4; 01-AUG-2009 00:50:01; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;38791
 6; 1107.9; 01-AUG-2009 00:53:10; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;38791
 7; 1570.1; 01-AUG-2009 01:00:52; Bright; 53.0; 142; 49Del Cap ; 2.85; 8900;occ; 106; 0;38791
 8; 1823.7; 01-AUG-2009 01:05:06; Bright; 54.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 108; 0;38791
 9; 2579.6; 01-AUG-2009 01:17:41; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;38791
 10; 2766.4; 01-AUG-2009 01:20:48; Bright; 61.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 122; 0;38791
 11; 3090.9; 01-AUG-2009 01:26:13; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;38791
 12; 3478.8; 01-AUG-2009 01:32:41; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38791
 13; 3596.5; 01-AUG-2009 01:34:38; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38791
 14; 3979.2; 01-AUG-2009 01:41:01; Bright; 46.5; 160; 23Gam Per ; 2.93; 4700;occ; 93; 0;38791
 15; 4078.5; 01-AUG-2009 01:42:40; Bright; 50.0; 35; 33Alp Per ; 1.79; 6250;occ; 100; 0;38791
 16; 4315.6; 01-AUG-2009 01:46:37; Bright; 47.5; 149; 45Eps Per ; 2.89; 30000;occ; 95; 0;38791
 17; 4501.5; 01-AUG-2009 01:49:43; Dark ; 54.5; 150; 44Zet Per ; 2.89; 28000;occ; 109; 0;38791
 18; 4789.6; 01-AUG-2009 01:54:32; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38791

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 3; -22.9; 01-AUG-2009 02:14:55; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;38791
 4; 594.1; 01-AUG-2009 02:25:12; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;38792
 5; 919.9; 01-AUG-2009 02:30:38; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;38792
 6; 1108.3; 01-AUG-2009 02:33:46; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;38792
 7; 1570.1; 01-AUG-2009 02:41:28; Bright; 51.0; 142; 49Del Cap ; 2.85; 8900;occ; 102; 0;38792
 8; 1823.6; 01-AUG-2009 02:45:41; Bright; 53.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 106; 0;38792
 9; 2579.1; 01-AUG-2009 02:58:17; Bright; 45.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 90; 0;38792
 10; 2765.9; 01-AUG-2009 03:01:24; Bright; 42.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 85; 0;38792
 11; 3090.6; 01-AUG-2009 03:06:48; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38792
 12; 3478.4; 01-AUG-2009 03:13:16; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38792
 13; 3595.8; 01-AUG-2009 03:15:14; Bright; 5.0; 76; 27Gam Cas ; 2.30; 30000;occ; 10; 0;38792

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 3; -1957.7; 01-AUG-2009 03:23:16; Bright; 61.0; 35; 33Alp Per ; 1.79; 6250;occ; 122; 0;38792
 4; -1720.3; 01-AUG-2009 03:27:13; Bright; 45.5; 149; 45Eps Per ; 2.89; 30000;occ; 91; 0;38792
 5; -1534.4; 01-AUG-2009 03:30:19; Dark ; 55.0; 150; 44Zet Per ; 2.89; 28000;occ; 110; 0;38792
 6; -1245.8; 01-AUG-2009 03:35:08; Dark ; 44.0; 13; 87Alp Tau ; 0.87; 3800;occ; 88; 0;38792
 7; -1085.9; 01-AUG-2009 03:37:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38792
 8; -587.1; 01-AUG-2009 03:46:07; Dark ; 57.0; 165; 34Gam Eri ; 2.95; 3200;occ; 114; 0;38792
 9; -21.8; 01-AUG-2009 03:55:32; Dark ; 44.5; 157; The1Eri ; 2.91; 9300;occ; 89; 0;38792
 10; 595.3; 01-AUG-2009 04:05:49; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;38793
 11; 920.5; 01-AUG-2009 04:11:14; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;38793
 12; 1109.0; 01-AUG-2009 04:14:23; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;38793
 13; 1570.6; 01-AUG-2009 04:22:04; Bright; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;38793
 14; 1823.3; 01-AUG-2009 04:26:17; Bright; 52.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 105; 0;38793
 15; 2578.6; 01-AUG-2009 04:38:52; Bright; 43.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 87; 0;38793
 16; 2765.5; 01-AUG-2009 04:41:59; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;38793
 17; 3090.1; 01-AUG-2009 04:47:24; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38793
 18; 3477.5; 01-AUG-2009 04:53:51; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38793
 19; 3595.3; 01-AUG-2009 04:55:49; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38793

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 2; -1957.9; 01-AUG-2009 05:03:52; Bright; 51.0; 35; 33Alp Per ; 1.79; 6250;occ; 102; 0;38793
 3; -1720.3; 01-AUG-2009 05:07:49; Bright; 45.0; 149; 45Eps Per ; 2.89; 30000;occ; 90; 0;38793
 4; -1534.2; 01-AUG-2009 05:10:56; Dark ; 53.5; 150; 44Zet Per ; 2.89; 28000;occ; 107; 0;38793
 5; -1245.3; 01-AUG-2009 05:15:45; Dark ; 54.5; 13; 87Alp Tau ; 0.87; 3800;occ; 109; 0;38793
 6; -1085.4; 01-AUG-2009 05:18:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38793
 7; -586.0; 01-AUG-2009 05:26:44; Dark ; 54.0; 165; 34Gam Eri ; 2.95; 3200;occ; 108; 0;38793
 8; -20.9; 01-AUG-2009 05:36:09; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;38793
 9; 596.4; 01-AUG-2009 05:46:26; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;38794
 10; 921.2; 01-AUG-2009 05:51:51; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;38794
 11; 1109.5; 01-AUG-2009 05:54:59; Dark ; 45.0; 172; Gam Gru ; 3.00; 13100;occ; 90; 0;38794
 12; 1570.5; 01-AUG-2009 06:02:40; Bright; 53.5; 142; 49Del Cap ; 2.85; 8900;occ; 107; 0;38794
 13; 1823.1; 01-AUG-2009 06:06:53; Bright; 53.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 106; 0;38794
 14; 2578.0; 01-AUG-2009 06:19:28; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;38794


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15; 2765.1; 01-AUG-2009 06:22:35; Bright; 61.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 122; 0;38794
16; 3089.9; 01-AUG-2009 06:28:00; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;38794
17; 3476.7; 01-AUG-2009 06:34:27; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38794
18; 3594.7; 01-AUG-2009 06:36:24; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38794
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 2; 1571.3; 01-AUG-2009 21:08:05; Bright; 52.5; 142; 49Del Cap ; 2.85; 8900;occ; 105; 0;38803
 3; 1821.1; 01-AUG-2009 21:12:14; Bright; 53.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 107; 0;38803
 4; 2573.2; 01-AUG-2009 21:24:46; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;38803
 5; 2760.7; 01-AUG-2009 21:27:54; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;38803
 6; 3086.0; 01-AUG-2009 21:33:19; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38803
 7; 3469.2; 01-AUG-2009 21:39:43; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38803
 8; 3588.3; 01-AUG-2009 21:41:42; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38803
 9; 3974.8; 01-AUG-2009 21:48:08; Bright; 48.0; 160; 23Gam Per ; 2.93; 4700;occ; 96; 0;38803
10; 4075.3; 01-AUG-2009 21:49:49; Bright; 69.0; 35; 33Alp Per ; 1.79; 6250;occ; 138; 0;38803
11; 4315.0; 01-AUG-2009 21:53:48; Bright; 46.5; 149; 45Eps Per ; 2.89; 30000;occ; 93; 0;38803
12; 4503.1; 01-AUG-2009 21:56:56; Dark ; 55.5; 150; 44Zet Per ; 2.89; 28000;occ; 111; 0;38803
13; 4698.7; 01-AUG-2009 22:00:12; Dark ; 59.5; 146; 25Eta Tau ; 2.87; 15200;occ; 119; 0;38803
14; 4794.5; 01-AUG-2009 22:01:48; Dark ; 57.5; 13; 87Alp Tau ; 0.87; 3800;occ; 115; 0;38803
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 4; 606.9; 01-AUG-2009 22:32:36; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;38804
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 7; 1571.5; 01-AUG-2009 22:48:41; Bright; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;38804
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 9; 2572.8; 01-AUG-2009 23:05:22; Bright; 47.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 95; 0;38804
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12; 3468.5; 01-AUG-2009 23:20:18; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38804
13; 3587.5; 01-AUG-2009 23:22:17; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38804
14; 3974.4; 01-AUG-2009 23:28:43; Bright; 70.0; 160; 23Gam Per ; 2.93; 4700;occ; 140; 0;38804
15; 4075.0; 01-AUG-2009 23:30:24; Bright; 69.0; 35; 33Alp Per ; 1.79; 6250;occ; 138; 0;38804
16; 4314.9; 01-AUG-2009 23:34:24; Bright; 48.5; 149; 45Eps Per ; 2.89; 30000;occ; 97; 0;38804
17; 4503.3; 01-AUG-2009 23:37:32; Dark ; 55.5; 150; 44Zet Per ; 2.89; 28000;occ; 111; 0;38804
18; 4699.2; 01-AUG-2009 23:40:48; Dark ; 57.0; 146; 25Eta Tau ; 2.87; 15200;occ; 114; 0;38804
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11; 4201.0; 05-AUG-2009 19:45:26; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38859
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 5; 2728.9; 07-AUG-2009 09:54:41; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;38882
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 7; 3405.4; 07-AUG-2009 10:05:57; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38882
 8; 3532.0; 07-AUG-2009 10:08:04; Bright; 72.0; 76; 27Gam Cas ; 2.30; 30000;occ; 144; 0;38882
 9; 3942.2; 07-AUG-2009 10:14:54; Bright; 53.0; 160; 23Gam Per ; 2.93; 4700;occ; 106; 0;38882
 10; 4049.9; 07-AUG-2009 10:16:42; Bright; 53.0; 35; 33Alp Per ; 1.79; 6250;occ; 106; 0;38882
 11; 4200.4; 07-AUG-2009 10:19:12; Bright; 46.5; 6; 13Alp Aur ; 0.08; 3400;occ; 93; 0;38882
 12; 4310.1; 07-AUG-2009 10:21:02; Bright; 55.5; 149; 45Eps Per ; 2.89; 30000;occ; 111; 0;38882
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 6; 3054.9; 07-AUG-2009 11:40:42; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38883
 7; 3404.6; 07-AUG-2009 11:46:32; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38883
 8; 3531.3; 07-AUG-2009 11:48:39; Bright; 72.0; 76; 27Gam Cas ; 2.30; 30000;occ; 144; 0;38883
 9; 3941.6; 07-AUG-2009 11:55:29; Bright; 73.0; 160; 23Gam Per ; 2.93; 4700;occ; 146; 0;38883
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 12; 4310.0; 07-AUG-2009 12:01:38; Bright; 53.0; 149; 45Eps Per ; 2.89; 30000;occ; 106; 0;38883
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 4; 2537.7; 07-AUG-2009 13:12:41; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38884
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 3; 1808.3; 07-AUG-2009 16:21:44; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;38886
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 5; 2537.2; 07-AUG-2009 16:33:52; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38886
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11; 3940.5; 07-AUG-2009 16:57:16; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38886
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18; 4947.3; 07-AUG-2009 20:35:15; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;38888
19; 5222.4; 07-AUG-2009 20:39:50; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;38888
20; 5807.6; 07-AUG-2009 20:49:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38888
21; 6112.1; 07-AUG-2009 20:54:39; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38888
22; 6729.4; 07-AUG-2009 21:04:57; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38888
23; 6942.3; 07-AUG-2009 21:08:30; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;38888
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3; 695.4; 08-AUG-2009 00:26:10; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38891
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5; 1195.7; 08-AUG-2009 00:34:31; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38891
6; 1579.6; 08-AUG-2009 00:40:54; Bright; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;38891
7; 1807.7; 08-AUG-2009 00:44:43; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38891
8; 2163.3; 08-AUG-2009 00:50:38; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38891
9; 2535.1; 08-AUG-2009 00:56:50; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38891
10; 2618.9; 08-AUG-2009 00:58:14; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;38891
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12; 3052.0; 08-AUG-2009 01:05:27; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38891
13; 3398.0; 08-AUG-2009 01:11:13; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38891
14; 3525.4; 08-AUG-2009 01:13:20; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38891
15; 3937.8; 08-AUG-2009 01:20:13; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38891
16; 4046.4; 08-AUG-2009 01:22:01; Bright; 50.5; 35; 33Alp Per ; 1.79; 6250;occ; 101; 0;38891
17; 4200.1; 08-AUG-2009 01:24:35; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;38891
18; 4309.0; 08-AUG-2009 01:26:24; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38891
19; 4531.5; 08-AUG-2009 01:30:06; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38891
20; 4662.5; 08-AUG-2009 01:32:17; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38891
21; 4834.0; 08-AUG-2009 01:35:09; Dark ; 60.0; 13; 87Alp Tau ; 0.87; 3800;occ; 120; 0;38891
22; 4948.5; 08-AUG-2009 01:37:03; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38891
23; 5224.2; 08-AUG-2009 01:41:39; Dark ; 31.5; 7; 19Bet Ori ; 0.10; 14000;occ; 63; 0;38891

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 3; 79.4; 08-AUG-2009 01:56:30; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38892
 4; 696.4; 08-AUG-2009 02:06:47; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;38892
 5; 907.8; 08-AUG-2009 02:10:19; Dark ; 50.0; 63; Bet Gru ; 2.15; 2800;occ; 100; 0;38892
 6; 1196.2; 08-AUG-2009 02:15:07; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;38892
 7; 1579.9; 08-AUG-2009 02:21:31; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;38892
 8; 1807.5; 08-AUG-2009 02:25:18; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38892
 9; 2162.7; 08-AUG-2009 02:31:13; Bright; 52.5; 61; 8Eps Peg ; 2.10; 3900;occ; 105; 0;38892
 10; 2534.7; 08-AUG-2009 02:37:25; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38892
 11; 2618.5; 08-AUG-2009 02:38:49; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;38892
 12; 2725.5; 08-AUG-2009 02:40:36; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;38892
 13; 3051.6; 08-AUG-2009 02:46:02; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38892
 14; 3397.0; 08-AUG-2009 02:51:48; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38892
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 2;-1989.8; 08-AUG-2009 03:02:37; Bright; 54.5; 35; 33Alp Per ; 1.79; 6250;occ; 109; 0;38892
 3;-1835.8; 08-AUG-2009 03:05:11; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38892
 4;-1726.8; 08-AUG-2009 03:07:00; Bright; 54.0; 149; 45Eps Per ; 2.89; 30000;occ; 108; 0;38892
 5;-1504.0; 08-AUG-2009 03:10:43; Dark ; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;38892
 6;-1372.9; 08-AUG-2009 03:12:54; Dark ; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;38892
 7;-1201.2; 08-AUG-2009 03:15:45; Dark ; 61.5; 13; 87Alp Tau ; 0.87; 3800;occ; 123; 0;38892
 8;-1086.9; 08-AUG-2009 03:17:40; Dark ; 41.5; 27; 24Gam Ori ; 1.64; 26000;occ; 83; 0;38892
 9; -811.1; 08-AUG-2009 03:22:16; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;38892
 10; -225.0; 08-AUG-2009 03:32:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38892
 11; 80.7; 08-AUG-2009 03:37:07; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38893
 12; 697.5; 08-AUG-2009 03:47:24; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38893
 13; 908.4; 08-AUG-2009 03:50:55; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;38893
 14; 1197.0; 08-AUG-2009 03:55:44; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;38893
 15; 1580.1; 08-AUG-2009 04:02:07; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38893
 16; 1807.6; 08-AUG-2009 04:05:54; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;38893
 17; 2162.2; 08-AUG-2009 04:11:49; Bright; 53.5; 61; 8Eps Peg ; 2.10; 3900;occ; 107; 0;38893
 18; 2534.5; 08-AUG-2009 04:18:01; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38893
 19; 2618.5; 08-AUG-2009 04:19:25; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;38893
 20; 2725.3; 08-AUG-2009 04:21:12; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38893
 21; 3051.5; 08-AUG-2009 04:26:38; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38893
 22; 3396.4; 08-AUG-2009 04:32:23; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38893
 23; 3524.0; 08-AUG-2009 04:34:31; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38893

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 3;-1835.8; 08-AUG-2009 04:45:47; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;38893
 4;-1727.0; 08-AUG-2009 04:47:36; Bright; 53.5; 149; 45Eps Per ; 2.89; 30000;occ; 107; 0;38893
 5;-1503.7; 08-AUG-2009 04:51:19; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;38893
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 7;-1200.6; 08-AUG-2009 04:56:22; Dark ; 71.0; 13; 87Alp Tau ; 0.87; 3800;occ; 142; 0;38893
 8;-1086.6; 08-AUG-2009 04:58:16; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;38893
 9; -810.6; 08-AUG-2009 05:02:52; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;38893
 10; -224.2; 08-AUG-2009 05:12:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38893
 11; 81.7; 08-AUG-2009 05:17:44; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38894
 12; 698.3; 08-AUG-2009 05:28:01; Dark ; 61.0; 84; Alp Phe ; 2.40; 4500;occ; 122; 0;38894
 13; 908.9; 08-AUG-2009 05:31:32; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;38894
 14; 1197.6; 08-AUG-2009 05:36:20; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38894
 15; 1580.1; 08-AUG-2009 05:42:43; Bright; 66.0; 142; 49Del Cap ; 2.85; 8900;occ; 132; 0;38894
 16; 1807.6; 08-AUG-2009 05:46:30; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;38894
 17; 2161.7; 08-AUG-2009 05:52:24; Bright; 69.0; 61; 8Eps Peg ; 2.10; 3900;occ; 138; 0;38894
 18; 2534.0; 08-AUG-2009 05:58:37; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;38894
 19; 2618.0; 08-AUG-2009 06:00:01; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;38894
 20; 2724.8; 08-AUG-2009 06:01:48; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;38894
 21; 3051.0; 08-AUG-2009 06:07:14; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38894
 22; 3395.7; 08-AUG-2009 06:12:58; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38894
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 2; 1580.9; 08-AUG-2009 20:48:07; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;38903
 3; 1806.4; 08-AUG-2009 20:51:53; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;38903


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4; 2156.9; 08-AUG-2009 20:57:43; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38903
5; 2531.1; 08-AUG-2009 21:03:57; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;38903
6; 2721.9; 08-AUG-2009 21:07:08; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38903
7; 3047.8; 08-AUG-2009 21:12:34; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38903
8; 3388.1; 08-AUG-2009 21:18:14; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38903
9; 3516.7; 08-AUG-2009 21:20:23; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38903
10; 3932.3; 08-AUG-2009 21:27:18; Bright; 74.0; 160; 23Gam Per ; 2.93; 4700;occ; 148; 0;38903
11; 4041.9; 08-AUG-2009 21:29:08; Bright; 56.5; 35; 33Alp Per ; 1.79; 6250;occ; 113; 0;38903
12; 4199.8; 08-AUG-2009 21:31:46; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38903
13; 4308.0; 08-AUG-2009 21:33:34; Bright; 57.5; 149; 45Eps Per ; 2.89; 30000;occ; 115; 0;38903
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15; 4665.7; 08-AUG-2009 21:39:32; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38903
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5; 707.9; 08-AUG-2009 22:14:10; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38904
6; 914.1; 08-AUG-2009 22:17:36; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;38904
7; 1202.9; 08-AUG-2009 22:22:25; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;38904
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9; 1806.3; 08-AUG-2009 22:32:28; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38904
10; 2156.4; 08-AUG-2009 22:38:18; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;38904
11; 2530.5; 08-AUG-2009 22:44:33; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;38904
12; 2721.6; 08-AUG-2009 22:47:44; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;38904
13; 3047.5; 08-AUG-2009 22:53:10; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38904
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16; 3931.8; 08-AUG-2009 23:07:54; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;38904
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19; 4308.0; 08-AUG-2009 23:14:10; Bright; 52.0; 149; 45Eps Per ; 2.89; 30000;occ; 104; 0;38904
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21; 4665.8; 08-AUG-2009 23:20:08; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38904
22; 4840.9; 08-AUG-2009 23:23:03; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38904
23; 4954.2; 08-AUG-2009 23:24:56; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38904
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4; 94.0; 08-AUG-2009 23:44:32; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38905
5; 708.8; 08-AUG-2009 23:54:47; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38905
6; 914.8; 08-AUG-2009 23:58:13; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;38905
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9; 1806.2; 09-AUG-2009 00:13:04; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38905
10; 2155.9; 09-AUG-2009 00:18:54; Bright; 51.5; 61; 8Eps Peg ; 2.10; 3900;occ; 103; 0;38905
11; 2530.6; 09-AUG-2009 00:25:09; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38905
12; 2721.5; 09-AUG-2009 00:28:19; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38905
13; 3047.1; 09-AUG-2009 00:33:45; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38905
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22; 4841.4; 09-AUG-2009 01:03:39; Dark ; 73.0; 13; 87Alp Tau ; 0.87; 3800;occ; 146; 0;38905
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 23; 5068.4; 10-AUG-2009 00:35:49; Dark ; 44.5; 72; 34Del Ori ; 2.25; 30000;occ; 89; 0;38919
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 9; 3498.3; 10-AUG-2009 15:15:03; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38928
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12; 4198.9; 10-AUG-2009 15:26:43; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38928
13; 4305.5; 10-AUG-2009 15:28:30; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;38928
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23; 6767.5; 10-AUG-2009 16:09:32; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38928
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 5; 2144.2; 10-AUG-2009 16:33:04; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38929
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 7; 2714.0; 10-AUG-2009 16:42:34; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38929
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 9; 3367.4; 10-AUG-2009 16:53:28; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38929
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11; 3919.5; 10-AUG-2009 17:02:40; Bright; 75.0; 160; 23Gam Per ; 2.93; 4700;occ; 150; 0;38929
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 4; 1946.3; 10-AUG-2009 16:29:46; Bright; 25.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 50; 0;38929
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 6; 2522.5; 10-AUG-2009 16:39:23; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38929
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 13; 4198.8; 10-AUG-2009 17:07:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38929
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 19; 5073.5; 10-AUG-2009 17:21:54; Dark ; 45.0; 72; 34Del Ori ; 2.25; 30000;occ; 90; 0;38929
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 3; 1804.0; 10-AUG-2009 18:08:00; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38930
 4; 1945.9; 10-AUG-2009 18:10:22; Bright; 31.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 62; 0;38930
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 7; 1803.6; 11-AUG-2009 00:50:23; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38934
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10; 1944.0; 11-AUG-2009 02:33:20; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;38935
11; 2141.1; 11-AUG-2009 02:36:37; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38935
12; 2520.6; 11-AUG-2009 02:42:56; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38935
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16; 3492.8; 11-AUG-2009 02:59:08; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38935
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13; 738.1; 11-AUG-2009 03:53:50; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;38936
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16; 1803.6; 11-AUG-2009 04:11:35; Bright; 45.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 90; 0;38936
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19; 2520.3; 11-AUG-2009 04:23:32; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38936
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22; 3361.8; 11-AUG-2009 04:37:33; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38936
23; 3492.3; 11-AUG-2009 04:39:44; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38936
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3; -1837.6; 11-AUG-2009 04:51:30; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38936
4; -1496.2; 11-AUG-2009 04:57:11; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38936
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6; -1177.3; 11-AUG-2009 05:02:30; Dark ; 70.5; 13; 87Alp Tau ; 0.87; 3800;occ; 141; 0;38936
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9; -783.8; 11-AUG-2009 05:09:04; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;38936
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11; -187.4; 11-AUG-2009 05:19:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38936
12; 129.0; 11-AUG-2009 05:24:17; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;38937
13; 738.9; 11-AUG-2009 05:34:26; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;38937
14; 1220.0; 11-AUG-2009 05:42:28; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;38937
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17; 1943.4; 11-AUG-2009 05:54:31; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38937
18; 2140.3; 11-AUG-2009 05:57:48; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38937
19; 2520.3; 11-AUG-2009 06:04:08; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38937
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22; 3361.1; 11-AUG-2009 06:18:09; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38937
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2; 1585.4; 11-AUG-2009 20:53:56; Bright; 54.0; 142; 49Del Cap ; 2.85; 8900;occ; 108; 0;38946
3; 1802.7; 11-AUG-2009 20:57:34; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38946

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5; 2136.5; 11-AUG-2009 21:03:08; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;38946
6; 2517.3; 11-AUG-2009 21:09:28; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38946
7; 2709.2; 11-AUG-2009 21:12:40; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38946
8; 3033.8; 11-AUG-2009 21:18:05; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38946
9; 3353.7; 11-AUG-2009 21:23:25; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38946
10; 3484.7; 11-AUG-2009 21:25:36; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38946
11; 3910.7; 11-AUG-2009 21:32:42; Bright; 59.5; 160; 23Gam Per ; 2.93; 4700;occ; 119; 0;38946
12; 4024.1; 11-AUG-2009 21:34:35; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38946
13; 4098.3; 11-AUG-2009 21:35:49; Bright; 50.0; 175; 39Del Per ; 3.01; 19400;occ; 100; 0;38946
14; 4541.6; 11-AUG-2009 21:43:13; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38946
15; 4677.2; 11-AUG-2009 21:45:28; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38946
16; 4864.4; 11-AUG-2009 21:48:35; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38946
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18; 5089.9; 11-AUG-2009 21:52:21; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38946
19; 5173.2; 11-AUG-2009 21:53:44; Dark ; 43.5; 125; 44Iot Ori ; 2.77; 30000;occ; 87; 0;38946
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4; 140.4; 11-AUG-2009 22:10:27; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;38947
5; 748.0; 11-AUG-2009 22:20:35; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;38947
6; 1224.8; 11-AUG-2009 22:28:32; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38947
7; 1585.3; 11-AUG-2009 22:34:32; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38947
8; 1802.8; 11-AUG-2009 22:38:10; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38947
9; 1939.9; 11-AUG-2009 22:40:27; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38947
10; 2136.3; 11-AUG-2009 22:43:43; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;38947
11; 2517.3; 11-AUG-2009 22:50:04; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38947
12; 2709.1; 11-AUG-2009 22:53:16; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38947
13; 3033.5; 11-AUG-2009 22:58:40; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38947
14; 3353.0; 11-AUG-2009 23:04:00; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38947
15; 3483.9; 11-AUG-2009 23:06:11; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38947
16; 3910.2; 11-AUG-2009 23:13:17; Bright; 53.0; 160; 23Gam Per ; 2.93; 4700;occ; 106; 0;38947
17; 4023.6; 11-AUG-2009 23:15:11; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38947
18; 4098.0; 11-AUG-2009 23:16:25; Bright; 64.0; 175; 39Del Per ; 3.01; 19400;occ; 128; 0;38947
19; 4541.8; 11-AUG-2009 23:23:49; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38947
20; 4677.4; 11-AUG-2009 23:26:04; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38947
21; 4864.9; 11-AUG-2009 23:29:12; Dark ; 74.5; 13; 87Alp Tau ; 0.87; 3800;occ; 149; 0;38947
22; 4974.7; 11-AUG-2009 23:31:02; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;38947
23; 5090.4; 11-AUG-2009 23:32:57; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;38947
24; 5173.7; 11-AUG-2009 23:34:21; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38947
25; 5259.4; 11-AUG-2009 23:35:46; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;38947

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2; -177.6; 11-AUG-2009 23:45:45; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38947
3; 141.4; 11-AUG-2009 23:51:04; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38948
4; 748.8; 12-AUG-2009 00:01:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38948
5; 1225.3; 12-AUG-2009 00:09:08; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38948
6; 1585.7; 12-AUG-2009 00:15:09; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38948
7; 1802.4; 12-AUG-2009 00:18:45; Bright; 59.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 119; 0;38948
8; 1939.6; 12-AUG-2009 00:21:02; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38948
9; 2135.7; 12-AUG-2009 00:24:18; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38948
10; 2516.8; 12-AUG-2009 00:30:40; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38948
11; 2708.9; 12-AUG-2009 00:33:52; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;38948
12; 3033.3; 12-AUG-2009 00:39:16; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38948
13; 3352.1; 12-AUG-2009 00:44:35; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38948
14; 3483.2; 12-AUG-2009 00:46:46; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38948
15; 3909.6; 12-AUG-2009 00:53:52; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38948
16; 4023.4; 12-AUG-2009 00:55:46; Bright; 38.0; 35; 33Alp Per ; 1.79; 6250;occ; 76; 0;38948
17; 4097.8; 12-AUG-2009 00:57:01; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38948
18; 4542.0; 12-AUG-2009 01:04:25; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;38948
19; 4677.7; 12-AUG-2009 01:06:40; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38948
20; 4865.5; 12-AUG-2009 01:09:48; Dark ; 78.0; 13; 87Alp Tau ; 0.87; 3800;occ; 156; 0;38948
21; 4975.2; 12-AUG-2009 01:11:38; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38948
22; 5091.0; 12-AUG-2009 01:13:34; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38948
23; 5174.4; 12-AUG-2009 01:14:57; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;38948
24; 5260.0; 12-AUG-2009 01:16:23; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;38948

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 3; -1837.6; 11-AUG-2009 06:32:06; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;38937
 4; -1496.0; 11-AUG-2009 06:37:48; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38937
 5; -1361.3; 11-AUG-2009 06:40:02; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38937
 6; -1176.7; 11-AUG-2009 06:43:07; Dark ; 69.0; 13; 87Alp Tau ; 0.87; 3800;occ; 138; 0;38937
 7; -1066.2; 11-AUG-2009 06:44:57; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;38937
 8; -950.5; 11-AUG-2009 06:46:53; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38937
 9; -783.2; 11-AUG-2009 06:49:40; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;38937
 10; -417.6; 11-AUG-2009 06:55:46; Dark ; 68.5; 165; 34Gam Eri ; 2.95; 3200;occ; 137; 0;38937
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 12; 130.0; 11-AUG-2009 07:04:54; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38938
 13; 740.0; 11-AUG-2009 07:15:04; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;38938
 14; 1220.4; 11-AUG-2009 07:23:04; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38938
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 3; 2140.2; 11-AUG-2009 07:38:24; Bright; 49.5; 61; 8Eps Peg ; 2.10; 3900;occ; 99; 0;38938
 4; 2519.7; 11-AUG-2009 07:44:43; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38938
 5; 2711.6; 11-AUG-2009 07:47:55; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38938
 6; 3036.3; 11-AUG-2009 07:53:20; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38938
 7; 3360.2; 11-AUG-2009 07:58:44; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38938
 8; 3490.8; 11-AUG-2009 08:00:54; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38938
 9; 3914.8; 11-AUG-2009 08:07:58; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;38938
 10; 4027.7; 11-AUG-2009 08:09:51; Bright; 55.5; 35; 33Alp Per ; 1.79; 6250;occ; 111; 0;38938
 11; 4198.4; 11-AUG-2009 08:12:42; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;38938
 12; 4540.2; 11-AUG-2009 08:18:24; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38938
 13; 4675.0; 11-AUG-2009 08:20:39; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38938
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 15; 4970.1; 11-AUG-2009 08:25:34; Dark ; 42.5; 27; 24Gam Ori ; 1.64; 26000;occ; 85; 0;38938
 16; 5086.0; 11-AUG-2009 08:27:30; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;38938
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 18; 5619.8; 11-AUG-2009 08:36:23; Dark ; 62.5; 165; 34Gam Eri ; 2.95; 3200;occ; 125; 0;38938
 19; 5850.3; 11-AUG-2009 08:40:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38938
 20; 6167.2; 11-AUG-2009 08:45:31; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38938
 21; 6776.7; 11-AUG-2009 08:55:40; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38938
 22; 7256.7; 11-AUG-2009 09:03:40; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;38938
 23; 7620.5; 11-AUG-2009 09:09:44; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;38938

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 4; 2519.4; 11-AUG-2009 09:25:19; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38939
 5; 2711.1; 11-AUG-2009 09:28:31; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38939
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 7; 3359.3; 11-AUG-2009 09:39:19; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38939
 8; 3490.0; 11-AUG-2009 09:41:29; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38939
 9; 3914.5; 11-AUG-2009 09:48:34; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38939
 10; 4027.4; 11-AUG-2009 09:50:27; Bright; 58.0; 35; 33Alp Per ; 1.79; 6250;occ; 116; 0;38939
 11; 4198.3; 11-AUG-2009 09:53:18; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;38939
 12; 4540.3; 11-AUG-2009 09:59:00; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38939
 13; 4675.3; 11-AUG-2009 10:01:15; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38939
 14; 4860.3; 11-AUG-2009 10:04:20; Dark ; 66.5; 13; 87Alp Tau ; 0.87; 3800;occ; 133; 0;38939
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 22; 7257.3; 11-AUG-2009 10:44:17; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38939
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13; 4675.9; 11-AUG-2009 13:22:27; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38941
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12; 4099.7; 11-AUG-2009 16:34:03; Bright; 48.5; 175; 39Del Per ; 3.01; 19400;occ; 97; 0;38943
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14; 4676.4; 11-AUG-2009 16:43:40; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38943
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 10; 2516.6; 12-AUG-2009 02:11:15; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;38949
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 13; 143.9; 12-AUG-2009 03:12:18; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38950
 14; 750.8; 12-AUG-2009 03:22:25; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38950
 15; 1226.3; 12-AUG-2009 03:30:21; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38950
 16; 1586.0; 12-AUG-2009 03:36:21; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38950
 17; 1802.6; 12-AUG-2009 03:39:57; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38950
 18; 1939.0; 12-AUG-2009 03:42:14; Bright; 74.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 148; 0;38950
 19; 2135.0; 12-AUG-2009 03:45:30; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38950
 20; 2516.4; 12-AUG-2009 03:51:51; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38950
 21; 2708.4; 12-AUG-2009 03:55:03; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;38950
 22; 3032.6; 12-AUG-2009 04:00:27; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38950
 23; 3350.7; 12-AUG-2009 04:05:45; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;38950
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 9; -860.4; 12-AUG-2009 04:36:10; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38950
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 11; -398.7; 12-AUG-2009 04:43:52; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;38950
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 16; 1585.9; 12-AUG-2009 05:16:56; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38951
 17; 1802.5; 12-AUG-2009 05:20:33; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38951
 18; 1938.7; 12-AUG-2009 05:22:49; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38951
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 22; 3032.4; 12-AUG-2009 05:41:03; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38951
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13; 146.1; 12-AUG-2009 06:33:33; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38952
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18; 1938.3; 12-AUG-2009 07:03:25; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38952
19; 2134.1; 12-AUG-2009 07:06:41; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38952
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23; 3349.0; 12-AUG-2009 07:26:56; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;38952
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3; 1802.0; 12-AUG-2009 20:25:56; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38960
4; 1935.7; 12-AUG-2009 20:28:10; Bright; 50.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 100; 0;38960
5; 2130.9; 12-AUG-2009 20:31:25; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;38960
6; 2513.8; 12-AUG-2009 20:37:48; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38960
7; 3029.5; 12-AUG-2009 20:46:24; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38960
8; 3342.5; 12-AUG-2009 20:51:36; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38960
9; 3474.2; 12-AUG-2009 20:53:48; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38960
10; 3903.1; 12-AUG-2009 21:00:57; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;38960
11; 4093.6; 12-AUG-2009 21:04:08; Bright; 47.5; 175; 39Del Per ; 3.01; 19400;occ; 95; 0;38960
12; 4197.0; 12-AUG-2009 21:05:51; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;38960
13; 4544.2; 12-AUG-2009 21:11:38; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;38960
14; 4681.2; 12-AUG-2009 21:13:55; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38960
15; 4873.1; 12-AUG-2009 21:17:07; Dark ; 76.5; 13; 87Alp Tau ; 0.87; 3800;occ; 153; 0;38960
16; 4981.3; 12-AUG-2009 21:18:55; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38960
17; 5097.3; 12-AUG-2009 21:20:51; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;38960
18; 5181.2; 12-AUG-2009 21:22:15; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;38960
19; 5268.2; 12-AUG-2009 21:23:42; Dark ; 47.0; 7; 19Bet Ori ; 0.10; 14000;occ; 94; 0;38960
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3; 156.3; 12-AUG-2009 21:39:06; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38961
4; 760.6; 12-AUG-2009 21:49:10; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;38961
5; 1231.7; 12-AUG-2009 21:57:02; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38961
6; 1587.1; 12-AUG-2009 22:02:57; Bright; 62.0; 142; 49Del Cap ; 2.85; 8900;occ; 124; 0;38961
7; 1802.1; 12-AUG-2009 22:06:32; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38961
8; 1935.6; 12-AUG-2009 22:08:45; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38961
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10; 2513.4; 12-AUG-2009 22:18:23; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38961
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12; 3341.9; 12-AUG-2009 22:32:12; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38961
13; 3473.5; 12-AUG-2009 22:34:23; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;38961
14; 3902.5; 12-AUG-2009 22:41:32; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;38961
15; 4093.2; 12-AUG-2009 22:44:43; Bright; 51.5; 175; 39Del Per ; 3.01; 19400;occ; 103; 0;38961
16; 4196.8; 12-AUG-2009 22:46:27; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38961
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18; 4681.3; 12-AUG-2009 22:54:31; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38961
19; 4873.6; 12-AUG-2009 22:57:44; Dark ; 72.5; 13; 87Alp Tau ; 0.87; 3800;occ; 145; 0;38961
20; 4981.8; 12-AUG-2009 22:59:32; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38961
21; 5097.9; 12-AUG-2009 23:01:28; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;38961
22; 5181.6; 12-AUG-2009 23:02:52; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38961
23; 5269.0; 12-AUG-2009 23:04:19; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;38961
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7; 1801.9; 12-AUG-2009 23:47:08; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38962
8; 1935.1; 12-AUG-2009 23:49:21; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38962
9; 2129.9; 12-AUG-2009 23:52:36; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38962
10; 2513.1; 12-AUG-2009 23:58:59; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38962
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12; 3340.9; 13-AUG-2009 00:12:47; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;38962
13; 3472.8; 13-AUG-2009 00:14:59; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38962
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15; 4092.7; 13-AUG-2009 00:25:18; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38962
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23; 5269.7; 13-AUG-2009 00:44:55; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;38962

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14; 4092.6; 13-AUG-2009 02:05:54; Bright; 66.0; 175; 39Del Per ; 3.01; 19400;occ; 132; 0;38963
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3; 1932.6; 13-AUG-2009 14:54:42; Bright; 50.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 100; 0;38971
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15; 4684.9; 13-AUG-2009 19:01:46; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38973
16; 4881.3; 13-AUG-2009 19:05:02; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;38973
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5; 1588.6; 14-AUG-2009 00:52:33; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;38977
6; 1800.9; 14-AUG-2009 00:56:05; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38977
7; 1930.6; 14-AUG-2009 00:58:15; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38977
8; 2124.0; 14-AUG-2009 01:01:29; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38977
9; 2509.2; 14-AUG-2009 01:07:54; Bright; 56.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 112; 0;38977
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13; 3893.7; 14-AUG-2009 01:30:58; Bright; 39.0; 160; 23Gam Per ; 2.93; 4700;occ; 78; 0;38977
14; 4087.5; 14-AUG-2009 01:34:12; Bright; 34.0; 175; 39Del Per ; 3.01; 19400;occ; 68; 0;38977
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16; 4364.9; 14-AUG-2009 01:38:50; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;38977
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6; 775.8; 14-AUG-2009 02:19:36; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;38978
7; 1239.2; 14-AUG-2009 02:27:20; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38978
8; 1588.8; 14-AUG-2009 02:33:09; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38978
9; 1801.1; 14-AUG-2009 02:36:42; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;38978
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11; 2124.0; 14-AUG-2009 02:42:04; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38978
12; 2509.0; 14-AUG-2009 02:48:29; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38978
13; 3024.0; 14-AUG-2009 02:57:04; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;38978
14; 3328.2; 14-AUG-2009 03:02:09; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;38978
15; 3460.6; 14-AUG-2009 03:04:21; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;38978
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4; -1671.0; 14-AUG-2009 03:19:25; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;38978
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6; -1349.9; 14-AUG-2009 03:24:47; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38978
7; -1151.4; 14-AUG-2009 03:28:05; Dark ; 43.0; 13; 87Alp Tau ; 0.87; 3800;occ; 86; 0;38978
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9; -928.8; 14-AUG-2009 03:31:48; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38978
10; -844.6; 14-AUG-2009 03:33:12; Dark ; 46.0; 125; 44Iot Ori ; 2.77; 30000;occ; 92; 0;38978
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3; 1240.3; 14-AUG-2009 05:48:33; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38980
4; 1589.2; 14-AUG-2009 05:54:22; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38980
5; 1801.0; 14-AUG-2009 05:57:53; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;38980
6; 1929.9; 14-AUG-2009 06:00:02; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38980
7; 2123.1; 14-AUG-2009 06:03:16; Bright; 66.0; 61; 8Eps Peg ; 2.10; 3900;occ; 132; 0;38980
8; 2508.7; 14-AUG-2009 06:09:41; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;38980
9; 3023.5; 14-AUG-2009 06:18:16; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38980

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3; 1800.6; 14-AUG-2009 21:03:16; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;38989
4; 1927.4; 14-AUG-2009 21:05:23; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38989
5; 2119.9; 14-AUG-2009 21:08:36; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38989
6; 2511.5; 14-AUG-2009 21:15:07; Bright; 33.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 66; 0;38989
7; 3021.1; 14-AUG-2009 21:23:37; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38989
8; 3319.7; 14-AUG-2009 21:28:36; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38989
9; 3452.6; 14-AUG-2009 21:30:48; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38989
10; 4194.8; 14-AUG-2009 21:43:11; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;38989
11; 4365.8; 14-AUG-2009 21:46:02; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;38989
12; 4549.7; 14-AUG-2009 21:49:06; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;38989
13; 4689.3; 14-AUG-2009 21:51:25; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38989
14; 4924.6; 14-AUG-2009 21:55:21; Dark ; 50.5; 14; 58Alp Ori ; 0.87; 3000;occ; 101; 0;38989
15; 5113.3; 14-AUG-2009 21:58:29; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;38989
16; 5197.9; 14-AUG-2009 21:59:54; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38989
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7; 1590.1; 14-AUG-2009 22:40:22; Bright; 52.5; 142; 49Del Cap ; 2.85; 8900;occ; 105; 0;38990
8; 1800.3; 14-AUG-2009 22:43:52; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38990
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11; 3021.2; 14-AUG-2009 23:04:13; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38990
12; 3318.8; 14-AUG-2009 23:09:11; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38990
13; 3451.7; 14-AUG-2009 23:11:23; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;38990
14; 4194.9; 14-AUG-2009 23:23:47; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;38990
15; 4365.7; 14-AUG-2009 23:26:37; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;38990
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17; 4689.8; 14-AUG-2009 23:32:01; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38990
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19; 5113.8; 14-AUG-2009 23:39:06; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;38990
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5; 1245.0; 15-AUG-2009 00:15:13; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38991
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7; 1800.4; 15-AUG-2009 00:24:28; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;38991
8; 1926.9; 15-AUG-2009 00:26:34; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38991
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10; 3020.7; 15-AUG-2009 00:44:48; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38991
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9; 1923.2; 15-AUG-2009 23:54:54; Bright; 48.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 96; 0;39005
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22; 5324.7; 17-AUG-2009 23:48:21; Dark ; 38.0; 7; 19Bet Ori ; 0.10; 14000;occ; 76; 0;39033
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4; 242.0; 18-AUG-2009 00:04:15; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39034
5; 822.7; 18-AUG-2009 00:13:55; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;39034
6; 1262.7; 18-AUG-2009 00:21:15; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;39034
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8; 1799.2; 18-AUG-2009 00:30:12; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;39034
9; 1916.3; 18-AUG-2009 00:32:09; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;39034
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12; 3375.0; 18-AUG-2009 00:56:28; Bright; 29.0; 68; 18Alp Cas ; 2.22; 4500;occ; 58; 0;39034
13; 3500.3; 18-AUG-2009 00:58:33; Bright; 48.0; 110; 37Del Cas ; 2.68; 8900;occ; 96; 0;39034
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15; 4369.0; 18-AUG-2009 01:13:02; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39034
16; 4558.4; 18-AUG-2009 01:16:11; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;39034
17; 4703.4; 18-AUG-2009 01:18:36; Dark ; 47.5; 176; 23Zet Tau ; 3.02; 22000;occ; 95; 0;39034
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19; 5140.8; 18-AUG-2009 01:25:53; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;39034
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3; -1479.6; 17-AUG-2009 06:49:34; Dark ; 54.0; 28; 12Bet Tau ; 1.65; 15200;occ; 108; 0;39023
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8; -719.4; 17-AUG-2009 07:02:14; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39023
9; -609.4; 17-AUG-2009 07:04:04; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;39023
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12; 814.6; 17-AUG-2009 07:27:48; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;39024
13; 1259.0; 17-AUG-2009 07:35:12; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39024
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3; 2108.7; 17-AUG-2009 07:49:22; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;39024
4; 3292.4; 17-AUG-2009 08:09:06; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39024
5; 3426.2; 17-AUG-2009 08:11:19; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39024
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7; 4368.3; 17-AUG-2009 08:27:02; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;39024
8; 4556.6; 17-AUG-2009 08:30:10; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;39024
9; 4700.2; 17-AUG-2009 08:32:33; Dark ; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;39024
10; 4939.8; 17-AUG-2009 08:36:33; Dark ; 50.5; 14; 58Alp Ori ; 0.87; 3000;occ; 101; 0;39024
11; 5134.6; 17-AUG-2009 08:39:48; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;39024
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13; 5317.5; 17-AUG-2009 08:42:51; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;39024
14; 5427.2; 17-AUG-2009 08:44:40; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;39024
15; 5598.4; 17-AUG-2009 08:47:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39024
16; 6267.3; 17-AUG-2009 08:58:40; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39024
17; 6851.4; 17-AUG-2009 09:08:25; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39024
18; 7295.4; 17-AUG-2009 09:15:49; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;39024
19; 7630.0; 17-AUG-2009 09:21:23; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;39024

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3; 2108.5; 17-AUG-2009 09:29:58; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;39025
4; 3291.8; 17-AUG-2009 09:49:41; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;39025
5; 3425.3; 17-AUG-2009 09:51:54; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;39025
6; 4191.8; 17-AUG-2009 10:04:41; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;39025
7; 4368.4; 17-AUG-2009 10:07:38; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39025
8; 4556.8; 17-AUG-2009 10:10:46; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;39025
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13; 5318.4; 17-AUG-2009 10:23:27; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;39025
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16; 6268.4; 17-AUG-2009 10:39:18; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;39025
17; 6852.1; 17-AUG-2009 10:49:01; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39025
18; 7295.7; 17-AUG-2009 10:56:25; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;39025
19; 7629.9; 17-AUG-2009 11:01:59; Bright; 42.0; 142; 49Del Cap ; 2.85; 8900;occ; 84; 0;39025

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3; 2108.1; 17-AUG-2009 11:10:33; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39026
4; 3290.8; 17-AUG-2009 11:30:16; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39026
5; 3424.7; 17-AUG-2009 11:32:30; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39026
6; 4191.8; 17-AUG-2009 11:45:17; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;39026
7; 4368.5; 17-AUG-2009 11:48:13; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39026
8; 4557.1; 17-AUG-2009 11:51:22; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;39026
9; 4700.9; 17-AUG-2009 11:53:46; Dark ; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;39026
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11; 5136.0; 17-AUG-2009 12:01:01; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;39026
12; 5221.8; 17-AUG-2009 12:02:27; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;39026
13; 5319.1; 17-AUG-2009 12:04:04; Dark ; 55.0; 7; 19Bet Ori ; 0.10; 14000;occ; 110; 0;39026
14; 5428.6; 17-AUG-2009 12:05:54; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 0;39026
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16; 6269.5; 17-AUG-2009 12:19:54; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39026
17; 6853.0; 17-AUG-2009 12:29:38; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39026
18; 7296.2; 17-AUG-2009 12:37:01; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;39026
19; 7629.9; 17-AUG-2009 12:42:35; Bright; 28.0; 142; 49Del Cap ; 2.85; 8900;occ; 56; 0;39026

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3; 1918.3; 17-AUG-2009 12:47:59; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;39027
4; 2107.8; 17-AUG-2009 12:51:09; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;39027
5; 3290.1; 17-AUG-2009 13:10:51; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39027
6; 3423.9; 17-AUG-2009 13:13:05; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;39027
7; 4191.8; 17-AUG-2009 13:25:53; Bright; 63.0; 6; 13Alp Aur ; 0.08; 3400;occ; 126; 0;39027


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3; 1918.1; 17-AUG-2009 14:28:35; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;39028
4; 2107.6; 17-AUG-2009 14:31:44; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;39028
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12; 2105.4; 18-AUG-2009 02:15:54; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;39035
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 6; 1279.3; 21-AUG-2009 00:27:17; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39077
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 12; 3252.3; 21-AUG-2009 01:00:09; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39077
 13; 3386.1; 21-AUG-2009 01:02:23; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;39077
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 18; 4965.4; 21-AUG-2009 01:28:43; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;39077
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 12; 281.9; 20-AUG-2009 07:24:40; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39067
 13; 848.9; 20-AUG-2009 07:34:07; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;39067
 14; 1275.9; 20-AUG-2009 07:41:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39067
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11;	4715.9;	20-AUG-2009	13:40:22;	Dark	;	50.5;	176;	23Zet Tau	;	3.02;	22000;occ;	101;	0;	39070
12;	4961.9;	20-AUG-2009	13:44:28;	Dark	;	54.5;	14;	58Alp Ori	;	0.87;	3000;occ;	109;	0;	39070
13;	5048.3;	20-AUG-2009	13:45:54;	Dark	;	53.5;	27;	24Gam Ori	;	1.64;	26000;occ;	107;	0;	39070
14;	5165.6;	20-AUG-2009	13:47:51;	Dark	;	53.0;	30;	46Eps Ori	;	1.69;	30000;occ;	106;	0;	39070
15;	5253.3;	20-AUG-2009	13:49:19;	Dark	;	48.5;	125;	44Tot Ori	;	2.77;	30000;occ;	97;	0;	39070
16;	5358.5;	20-AUG-2009	13:51:04;	Dark	;	61.0;	7;	19Bet Ori	;	0.10;	14000;occ;	122;	0;	39070
17;	5461.6;	20-AUG-2009	13:52:47;	Dark	;	45.5;	101;	11Alp Lep	;	2.58;	7000;occ;	91;	0;	39070
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19;	6322.7;	20-AUG-2009	14:07:08;	Dark	;	54.0;	157;	The1Eri	;	2.91;	9300;occ;	108;	0;	39070
20;	6887.8;	20-AUG-2009	14:16:33;	Dark	;	50.5;	84;	Alp Phe	;	2.40;	4500;occ;	101;	0;	39070
21;	7313.3;	20-AUG-2009	14:23:39;	Dark	;	49.5;	18;	24Alp PsA	;	1.17;	9700;occ;	99;	0;	39070
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4;	2096.9;	20-AUG-2009	14:37:18;	Bright;		61.0;	61;	8Eps Peg	;	2.10;	3900;occ;	122;	0;	39071
5;	2609.9;	20-AUG-2009	14:45:51;	Bright;		34.0;	164;	44Eta Peg	;	2.95;	5400;occ;	68;	0;	39071
6;	3256.7;	20-AUG-2009	14:56:38;	Bright;		47.5;	74;	11Bet Cas	;	2.27;	6600;occ;	95;	0;	39071
7;	3390.8;	20-AUG-2009	14:58:52;	Bright;		47.5;	76;	27Gam Cas	;	2.30;	30000;occ;	95;	0;	39071
8;	4186.7;	20-AUG-2009	15:12:08;	Bright;		51.0;	6;	13Alp Aur	;	0.08;	3400;occ;	102;	0;	39071
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11;	4716.4;	20-AUG-2009	15:20:58;	Dark	;	50.0;	176;	23Zet Tau	;	3.02;	22000;occ;	100;	0;	39071
12;	4962.6;	20-AUG-2009	15:25:04;	Dark	;	54.0;	14;	58Alp Ori	;	0.87;	3000;occ;	108;	0;	39071
13;	5049.3;	20-AUG-2009	15:26:31;	Dark	;	56.0;	27;	24Gam Ori	;	1.64;	26000;occ;	112;	0;	39071
14;	5166.4;	20-AUG-2009	15:28:28;	Dark	;	51.5;	30;	46Eps Ori	;	1.69;	30000;occ;	103;	0;	39071
15;	5254.1;	20-AUG-2009	15:29:56;	Dark	;	49.0;	125;	44Tot Ori	;	2.77;	30000;occ;	98;	0;	39071
16;	5359.5;	20-AUG-2009	15:31:41;	Dark	;	61.0;	7;	19Bet Ori	;	0.10;	14000;occ;	122;	0;	39071
17;	5462.5;	20-AUG-2009	15:33:24;	Dark	;	49.0;	101;	11Alp Lep	;	2.58;	7000;occ;	98;	0;	39071
18;	5636.2;	20-AUG-2009	15:36:18;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	39071
19;	6324.0;	20-AUG-2009	15:47:46;	Dark	;	52.5;	157;	The1Eri	;	2.91;	9300;occ;	105;	0;	39071
20;	6888.6;	20-AUG-2009	15:57:10;	Dark	;	50.0;	84;	Alp Phe	;	2.40;	4500;occ;	100;	0;	39071
21;	7313.7;	20-AUG-2009	16:04:15;	Dark	;	49.5;	18;	24Alp PsA	;	1.17;	9700;occ;	99;	0;	39071
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4;	1909.8;	20-AUG-2009	16:14:47;	Bright;		44.0;	162;	34Alp Aqr	;	2.94;	5350;occ;	88;	0;	39072
5;	2096.6;	20-AUG-2009	16:17:54;	Bright;		60.0;	61;	8Eps Peg	;	2.10;	3900;occ;	120;	0;	39072
6;	2609.2;	20-AUG-2009	16:26:27;	Bright;		40.0;	164;	44Eta Peg	;	2.95;	5400;occ;	80;	0;	39072
7;	3256.0;	20-AUG-2009	16:37:14;	Bright;		48.0;	74;	11Bet Cas	;	2.27;	6600;occ;	96;	0;	39072
8;	3390.0;	20-AUG-2009	16:39:28;	Bright;		49.5;	76;	27Gam Cas	;	2.30;	30000;occ;	99;	0;	39072
9;	4186.6;	20-AUG-2009	16:52:44;	Bright;		52.0;	6;	13Alp Aur	;	0.08;	3400;occ;	104;	0;	39072
10;	4371.7;	20-AUG-2009	16:55:49;	Bright;		41.5;	107;	37The Aur	;	2.65;	11000;occ;	83;	0;	39072
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12;	4716.4;	20-AUG-2009	17:01:34;	Dark	;	50.0;	176;	23Zet Tau	;	3.02;	22000;occ;	100;	0;	39072
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14;	5049.9;	20-AUG-2009	17:07:07;	Dark	;	54.5;	27;	24Gam Ori	;	1.64;	26000;occ;	109;	0;	39072
15;	5167.1;	20-AUG-2009	17:09:05;	Dark	;	53.0;	30;	46Eps Ori	;	1.69;	30000;occ;	106;	0;	39072
16;	5254.8;	20-AUG-2009	17:10:32;	Dark	;	49.5;	125;	44Tot Ori	;	2.77;	30000;occ;	99;	0;	39072
17;	5360.6;	20-AUG-2009	17:12:18;	Dark	;	71.0;	7;	19Bet Ori	;	0.10;	14000;occ;	142;	0;	39072
18;	5463.2;	20-AUG-2009	17:14:01;	Dark	;	47.5;	101;	11Alp Lep	;	2.58;	7000;occ;	95;	0;	39072
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3;	1799.3;	20-AUG-2009	17:53:33;	Bright;		40.5;	154;	22Bet Aqr	;	2.90;	5700;occ;	81;	0;	39073
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6;	2608.3;	20-AUG-2009	18:07:02;	Bright;		40.0;	164;	44Eta Peg	;	2.95;	5400;occ;	80;	0;	39073
7;	3255.2;	20-AUG-2009	18:17:49;	Bright;		46.5;	74;	11Bet Cas	;	2.27;	6600;occ;	93;	0;	39073
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9;	4186.4;	20-AUG-2009	18:33:20;	Bright;		51.5;	6;	13Alp Aur	;	0.08;	3400;occ;	103;	0;	39073
10;	4371.5;	20-AUG-2009	18:36:25;	Bright;		50.0;	107;	37The Aur	;	2.65;	11000;occ;	100;	0;	39073
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 4; 1909.3; 20-AUG-2009 19:35:59; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;39074
 5; 2095.9; 20-AUG-2009 19:39:05; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;39074
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16; 5256.2; 20-AUG-2009 20:31:46; Dark ; 48.5; 125; 44Tot Ori ; 2.77; 30000;occ; 97; 0;39074
17; 5362.2; 20-AUG-2009 20:33:32; Dark ; 69.0; 7; 19Bet Ori ; 0.10; 14000;occ; 138; 0;39074
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19; 5638.7; 20-AUG-2009 20:38:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39074
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 5; 295.1; 21-AUG-2009 01:51:28; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;39078
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10; 1908.7; 21-AUG-2009 02:18:22; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;39078
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13; 3251.4; 21-AUG-2009 02:40:44; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39078
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 3; 2577.6; 23-AUG-2009 09:49:16; Bright; 48.5; 164; 44Eta Peg ; 2.95; 5400;occ; 97; 0;39111
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 5; 3360.9; 23-AUG-2009 10:02:20; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;39111
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17; 6373.9; 23-AUG-2009 12:33:08; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;39112
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17; 6919.8; 23-AUG-2009 14:22:50; Dark ; 57.5; 84; Alp Phe ; 2.40; 4500;occ; 115; 0;39113
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 6; 345.4; 23-AUG-2009 22:36:51; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;39119
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 11; 2571.4; 23-AUG-2009 23:13:57; Bright; 65.0; 164; 44Eta Peg ; 2.95; 5400;occ; 130; 0;39119
 12; 3221.3; 23-AUG-2009 23:24:47; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39119
 13; 3354.8; 23-AUG-2009 23:27:01; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39119
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 18; 4988.3; 23-AUG-2009 23:54:14; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;39119
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 21; 5293.0; 23-AUG-2009 23:59:19; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;39119
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 11; 3354.0; 24-AUG-2009 01:07:36; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39120
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 13; 4374.2; 24-AUG-2009 01:24:36; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;39120
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 6; 347.8; 24-AUG-2009 01:58:06; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39121
 7; 888.6; 24-AUG-2009 02:07:06; Dark ; 60.0; 84; Alp Phe ; 2.40; 4500;occ; 120; 0;39121
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 11; 2569.9; 24-AUG-2009 02:35:08; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;39121
 12; 3219.9; 24-AUG-2009 02:45:58; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39121
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3; 1900.6; 25-AUG-2009 20:18:57; Bright; 53.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 106; 0;39146
4; 2083.3; 25-AUG-2009 20:21:59; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39146
5; 2552.4; 25-AUG-2009 20:29:48; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;39146
6; 3202.5; 25-AUG-2009 20:40:39; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39146
7; 3335.0; 25-AUG-2009 20:42:51; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39146
8; 4175.1; 25-AUG-2009 20:56:51; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;39146
9; 4375.7; 25-AUG-2009 21:00:12; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39146
10; 4583.3; 25-AUG-2009 21:03:39; Dark ; 59.5; 28; 12Bet Tau ; 1.65; 15200;occ; 119; 0;39146
11; 4761.0; 25-AUG-2009 21:06:37; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;39146
12; 5004.9; 25-AUG-2009 21:10:41; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;39146
13; 5109.5; 25-AUG-2009 21:12:26; Dark ; 63.0; 27; 24Gam Ori ; 1.64; 26000;occ; 126; 0;39146
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3; -691.7; 25-AUG-2009 21:16:20; Dark ; 50.0; 56; 53Kap Ori ; 2.07; 30000;occ; 100; 0;39146
4; -596.3; 25-AUG-2009 21:17:56; Dark ; 75.5; 7; 19Bet Ori ; 0.10; 14000;occ; 151; 0;39146
5; -447.4; 25-AUG-2009 21:20:25; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;39146
6; -331.5; 25-AUG-2009 21:22:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39146
7; 379.8; 25-AUG-2009 21:34:12; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39147
8; 906.8; 25-AUG-2009 21:42:59; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;39147
9; 1303.7; 25-AUG-2009 21:49:36; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;39147
10; 1900.4; 25-AUG-2009 21:59:32; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;39147
11; 2083.1; 25-AUG-2009 22:02:35; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39147
12; 2551.8; 25-AUG-2009 22:10:24; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;39147
13; 3201.7; 25-AUG-2009 22:21:14; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39147
14; 3334.2; 25-AUG-2009 22:23:26; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39147
15; 4174.8; 25-AUG-2009 22:37:27; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;39147
16; 4375.5; 25-AUG-2009 22:40:47; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;39147
17; 4583.5; 25-AUG-2009 22:44:15; Dark ; 57.5; 28; 12Bet Tau ; 1.65; 15200;occ; 115; 0;39147
18; 4761.4; 25-AUG-2009 22:47:13; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39147
19; 5005.5; 25-AUG-2009 22:51:17; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;39147
20; 5110.5; 25-AUG-2009 22:53:02; Dark ; 61.0; 27; 24Gam Ori ; 1.64; 26000;occ; 122; 0;39147
21; 5227.8; 25-AUG-2009 22:55:00; Dark ; 59.5; 30; 46Eps Ori ; 1.69; 30000;occ; 119; 0;39147
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 4; -330.5; 25-AUG-2009 23:02:57; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39147
 5; 381.2; 25-AUG-2009 23:14:49; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;39148
 6; 907.5; 25-AUG-2009 23:23:35; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;39148
 7; 1303.9; 25-AUG-2009 23:30:12; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;39148
 8; 1900.3; 25-AUG-2009 23:40:08; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;39148
 9; 2083.1; 25-AUG-2009 23:43:11; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;39148
 10; 2551.0; 25-AUG-2009 23:50:59; Bright; 44.5; 164; 44Eta Peg ; 2.95; 5400;occ; 89; 0;39148
 11; 3201.0; 26-AUG-2009 00:01:49; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39148
 12; 3333.5; 26-AUG-2009 00:04:01; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39148
 13; 4174.7; 26-AUG-2009 00:18:03; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;39148
 14; 4375.5; 26-AUG-2009 00:21:23; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;39148
 15; 4583.7; 26-AUG-2009 00:24:51; Dark ; 61.5; 28; 12Bet Tau ; 1.65; 15200;occ; 123; 0;39148
 16; 4761.7; 26-AUG-2009 00:27:49; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;39148
 17; 5006.1; 26-AUG-2009 00:31:54; Dark ; 65.5; 14; 58Alp Ori ; 0.87; 3000;occ; 131; 0;39148
 18; 5111.4; 26-AUG-2009 00:33:39; Dark ; 61.5; 27; 24Gam Ori ; 1.64; 26000;occ; 123; 0;39148
 19; 5228.7; 26-AUG-2009 00:35:37; Dark ; 57.0; 30; 46Eps Ori ; 1.69; 30000;occ; 114; 0;39148

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 3; 2554.3; 25-AUG-2009 15:28:02; Bright; 69.0; 164; 44Eta Peg ; 2.95; 5400;occ; 138; 0;39143
 4; 3204.6; 25-AUG-2009 15:38:53; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39143
 5; 3337.3; 25-AUG-2009 15:41:05; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39143
 6; 4175.7; 25-AUG-2009 15:55:04; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;39143
 7; 4375.4; 25-AUG-2009 15:58:23; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39143
 8; 4582.8; 25-AUG-2009 16:01:51; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39143
 9; 4760.1; 25-AUG-2009 16:04:48; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39143
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 11; 5107.0; 25-AUG-2009 16:10:35; Dark ; 63.0; 27; 24Gam Ori ; 1.64; 26000;occ; 126; 0;39143
 12; 5223.9; 25-AUG-2009 16:12:32; Dark ; 52.0; 33; 50Zet Ori ; 1.77; 30000;occ; 104; 0;39143
 13; 5315.2; 25-AUG-2009 16:14:03; Dark ; 50.0; 125; 44Tot Ori ; 2.77; 30000;occ; 100; 0;39143
 14; 5409.3; 25-AUG-2009 16:15:37; Dark ; 60.0; 128; 67Bet Eri ; 2.78; 9700;occ; 120; 0;39143
 15; 5525.1; 25-AUG-2009 16:17:33; Dark ; 49.5; 101; 11Alp Lep ; 2.58; 7000;occ; 99; 0;39143
 16; 5701.6; 25-AUG-2009 16:20:30; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39143
 17; 6412.2; 25-AUG-2009 16:32:20; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39143
 18; 6940.8; 25-AUG-2009 16:41:09; Dark ; 57.5; 84; Alp Phe ; 2.40; 4500;occ; 115; 0;39143

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 4; 2553.9; 25-AUG-2009 17:08:38; Bright; 69.0; 164; 44Eta Peg ; 2.95; 5400;occ; 138; 0;39144
 5; 3203.8; 25-AUG-2009 17:19:28; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39144
 6; 3336.4; 25-AUG-2009 17:21:41; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39144
 7; 4175.5; 25-AUG-2009 17:35:40; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39144
 8; 4375.4; 25-AUG-2009 17:39:00; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39144
 9; 4583.0; 25-AUG-2009 17:42:27; Dark ; 61.0; 28; 12Bet Tau ; 1.65; 15200;occ; 122; 0;39144
 10; 4760.5; 25-AUG-2009 17:45:25; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39144
 11; 5003.9; 25-AUG-2009 17:49:28; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;39144
 12; 5107.8; 25-AUG-2009 17:51:12; Dark ; 59.5; 27; 24Gam Ori ; 1.64; 26000;occ; 119; 0;39144
 13; 5225.2; 25-AUG-2009 17:53:09; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;39144
 14; 5342.5; 25-AUG-2009 17:55:07; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39144
 15; 5437.2; 25-AUG-2009 17:56:41; Dark ; 75.0; 7; 19Bet Ori ; 0.10; 14000;occ; 150; 0;39144
 16; 5586.7; 25-AUG-2009 17:59:11; Dark ; 52.5; 139; 9Bet Lep ; 2.83; 5600;occ; 105; 0;39144
 17; 5702.6; 25-AUG-2009 18:01:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39144
 18; 6413.5; 25-AUG-2009 18:12:58; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;39144
 19; 6941.6; 25-AUG-2009 18:21:46; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;39144

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 3; 2083.6; 25-AUG-2009 18:41:24; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;39145
 4; 2553.1; 25-AUG-2009 18:49:13; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39145
 5; 3203.3; 25-AUG-2009 19:00:03; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39145
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9; 4583.2; 25-AUG-2009 19:23:03; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39145
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 12; 5108.7; 25-AUG-2009 19:31:49; Dark ; 64.0; 27; 24Gam Ori ; 1.64; 26000;occ; 128; 0;39145
 13; 5226.2; 25-AUG-2009 19:33:46; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39145
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 15; 5438.4; 25-AUG-2009 19:37:19; Dark ; 66.0; 7; 19Bet Ori ; 0.10; 14000;occ; 132; 0;39145
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 3; -594.0; 26-AUG-2009 00:39:10; Dark ; 68.0; 7; 19Bet Ori ; 0.10; 14000;occ; 136; 0;39148
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 5; -329.5; 26-AUG-2009 00:43:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39148
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 9; 1900.2; 26-AUG-2009 01:20:44; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39149
 10; 2082.9; 26-AUG-2009 01:23:47; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39149
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 13; 3332.8; 26-AUG-2009 01:44:36; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39149
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 15; 4375.5; 26-AUG-2009 02:01:59; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;39149
 16; 4584.1; 26-AUG-2009 02:05:28; Dark ; 62.0; 28; 12Bet Tau ; 1.65; 15200;occ; 124; 0;39149
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 4; -689.1; 26-AUG-2009 02:18:10; Dark ; 52.5; 56; 53Kap Ori ; 2.07; 30000;occ; 105; 0;39149
 5; -592.6; 26-AUG-2009 02:19:47; Dark ; 74.5; 7; 19Bet Ori ; 0.10; 14000;occ; 149; 0;39149
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 9; 908.8; 26-AUG-2009 02:44:48; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;39150
 10; 1304.5; 26-AUG-2009 02:51:24; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;39150
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 4; -1273.6; 26-AUG-2009 03:49:02; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39150
 5; -1028.4; 26-AUG-2009 03:53:07; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;39150
 6; -922.7; 26-AUG-2009 03:54:53; Dark ; 64.0; 27; 24Gam Ori ; 1.64; 26000;occ; 128; 0;39150
 7; -805.3; 26-AUG-2009 03:56:50; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39150
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 10; -443.5; 26-AUG-2009 04:02:52; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;39150
 11; -327.5; 26-AUG-2009 04:04:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39150
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5; 3329.9; 26-AUG-2009 08:26:57; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39153
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 4; 3194.8; 26-AUG-2009 15:07:06; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39157
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 7; 4375.9; 26-AUG-2009 15:26:47; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39157
 8; 4586.0; 26-AUG-2009 15:30:17; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39157
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 13; 5353.7; 26-AUG-2009 15:43:05; Dark ; 53.0; 56; 53Kap Ori ; 2.07; 30000;occ; 106; 0;39157
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 15; 5599.3; 26-AUG-2009 15:47:10; Dark ; 55.0; 139; 9Bet Lep ; 2.83; 5600;occ; 110; 0;39157
 16; 5715.4; 26-AUG-2009 15:49:06; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39157
 17; 6429.4; 26-AUG-2009 16:01:00; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;39157
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 11; 5119.8; 26-AUG-2009 15:39:11; Dark ; 65.0; 27; 24Gam Ori ; 1.64; 26000;occ; 130; 0;39157
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 15; 5599.3; 26-AUG-2009 15:47:10; Dark ; 55.0; 139; 9Bet Lep ; 2.83; 5600;occ; 110; 0;39157
 16; 5715.4; 26-AUG-2009 15:49:06; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39157
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 3; 2081.8; 26-AUG-2009 16:29:09; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;39158
 4; 2544.7; 26-AUG-2009 16:36:52; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39158
 5; 3194.1; 26-AUG-2009 16:47:41; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39158
 6; 3326.3; 26-AUG-2009 16:49:53; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39158
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 9; 4586.3; 26-AUG-2009 17:10:53; Dark ; 61.0; 28; 12Bet Tau ; 1.65; 15200;occ; 122; 0;39158
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15; 5454.2; 26-AUG-2009 17:25:21; Dark ; 70.0; 7; 19Bet Ori ; 0.10; 14000;occ; 140; 0;39158
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17; 5716.4; 26-AUG-2009 17:29:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39158
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 3; 2546.3; 26-AUG-2009 11:35:06; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;39155
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 9; 4763.8; 26-AUG-2009 12:12:03; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39155
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13; 5351.8; 26-AUG-2009 12:21:51; Dark ; 49.0; 56; 53Kap Ori ; 2.07; 30000;occ; 98; 0;39155
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16; 5713.3; 26-AUG-2009 12:27:53; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39155
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 5; 3193.4; 26-AUG-2009 18:28:16; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39159
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 8; 4376.1; 26-AUG-2009 18:47:59; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;39159
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11; 5013.4; 26-AUG-2009 18:58:36; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;39159
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13; 5239.0; 26-AUG-2009 19:02:22; Dark ; 59.0; 30; 46Eps Ori ; 1.69; 30000;occ; 118; 0;39159
14; 5355.4; 26-AUG-2009 19:04:18; Dark ; 52.5; 56; 53Kap Ori ; 2.07; 30000;occ; 105; 0;39159
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16; 5601.4; 26-AUG-2009 19:08:24; Dark ; 50.5; 139; 9Bet Lep ; 2.83; 5600;occ; 101; 0;39159
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 3; 1899.3; 26-AUG-2009 19:47:18; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;39160
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17; 5015.9; 27-AUG-2009 01:41:02; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39163
18; 5125.4; 27-AUG-2009 01:42:52; Dark ; 65.5; 27; 24Gam Ori ; 1.64; 26000;occ; 131; 0;39163
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 3; 2080.2; 27-AUG-2009 17:38:06; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;39173
 4; 2535.1; 27-AUG-2009 17:45:41; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39173
 5; 3183.7; 27-AUG-2009 17:56:30; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39173
 6; 3315.4; 27-AUG-2009 17:58:41; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;39173
 7; 4170.0; 27-AUG-2009 18:12:56; Bright; 57.5; 6; 13Alp Aur ; 0.08; 3400;occ; 115; 0;39173
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 9; 4590.2; 27-AUG-2009 18:19:56; Dark ; 64.5; 28; 12Bet Tau ; 1.65; 15200;occ; 129; 0;39173
10; 4770.1; 27-AUG-2009 18:22:56; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39173
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13; 5367.9; 27-AUG-2009 18:32:54; Dark ; 49.0; 56; 53Kap Ori ; 2.07; 30000;occ; 98; 0;39173
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 3; 2079.9; 27-AUG-2009 19:18:42; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;39174
 4; 2286.5; 27-AUG-2009 19:22:08; Bright; 25.0; 90; 54Alp Peg ; 2.49; 11000;occ; 50; 0;39174
 5; 2534.6; 27-AUG-2009 19:26:16; Bright; 44.5; 164; 44Eta Peg ; 2.95; 5400;occ; 89; 0;39174
 6; 3183.1; 27-AUG-2009 19:37:05; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39174
 7; 3314.5; 27-AUG-2009 19:39:16; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39174
 8; 4169.7; 27-AUG-2009 19:53:32; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;39174
 9; 4376.5; 27-AUG-2009 19:56:58; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;39174
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11; 4770.3; 27-AUG-2009 20:03:32; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39174
12; 5023.3; 27-AUG-2009 20:07:45; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;39174
13; 5253.2; 27-AUG-2009 20:11:35; Dark ; 60.0; 30; 46Eps Ori ; 1.69; 30000;occ; 120; 0;39174
14; 5368.6; 27-AUG-2009 20:13:31; Dark ; 51.5; 56; 53Kap Ori ; 2.07; 30000;occ; 103; 0;39174
15; 5474.5; 27-AUG-2009 20:15:16; Dark ; 76.0; 7; 19Bet Ori ; 0.10; 14000;occ; 152; 0;39174
16; 5616.8; 27-AUG-2009 20:17:39; Dark ; 55.0; 139; 9Bet Lep ; 2.83; 5600;occ; 110; 0;39174
17; 5732.6; 27-AUG-2009 20:19:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39174
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 4; 2079.8; 27-AUG-2009 20:59:18; Bright; 56.0; 61; 8Eps Peg ; 2.10; 3900;occ; 112; 0;39175
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 7; 3182.4; 27-AUG-2009 21:17:40; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39175
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 9; 4169.4; 27-AUG-2009 21:34:07; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39175
10; 4376.4; 27-AUG-2009 21:37:34; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;39175
11; 4590.6; 27-AUG-2009 21:41:08; Dark ; 62.5; 28; 12Bet Tau ; 1.65; 15200;occ; 125; 0;39175
12; 4770.5; 27-AUG-2009 21:44:08; Dark ; 42.5; 44; 24Gam Gem ; 1.93; 11000;occ; 85; 0;39175
13; 5024.1; 27-AUG-2009 21:48:22; Dark ; 71.0; 14; 58Alp Ori ; 0.87; 3000;occ; 142; 0;39175
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7; 926.0; 27-AUG-2009 22:20:40; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39176
8; 1312.7; 27-AUG-2009 22:27:06; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;39176
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13; 3312.9; 27-AUG-2009 23:00:27; Bright; 43.5; 76; 27Gam Cas ; 2.30; 30000;occ; 87; 0;39176
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19; 5256.1; 28-AUG-2009 01:13:26; Dark ; 62.0; 30; 46Eps Ori ; 1.69; 30000;occ; 124; 0;39177
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5; 417.8; 28-AUG-2009 01:33:23; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39178
6; 927.2; 28-AUG-2009 01:41:53; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;39178
7; 1313.3; 28-AUG-2009 01:48:19; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;39178
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9; 2283.8; 28-AUG-2009 02:04:29; Bright; 39.0; 90; 54Alp Peg ; 2.49; 11000;occ; 78; 0;39178
10; 2532.2; 28-AUG-2009 02:08:38; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39178
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4; -1366.4; 28-AUG-2009 02:44:15; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;39178
5; -1264.3; 28-AUG-2009 02:45:57; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39178
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3; 1313.8; 28-AUG-2009 05:09:31; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;39180
4; 1898.0; 28-AUG-2009 05:19:15; Bright; 39.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 79; 0;39180
5; 2282.6; 28-AUG-2009 05:25:40; Bright; 45.0; 90; 54Alp Peg ; 2.49; 11000;occ; 90; 0;39180
6; 2530.8; 28-AUG-2009 05:29:48; Bright; 67.0; 164; 44Eta Peg ; 2.95; 5400;occ; 134; 0;39180

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 15; 5776.8; 30-AUG-2009 17:04:51; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39215
 16; 6500.3; 30-AUG-2009 17:16:55; Dark ; 56.0; 157; The1Eri ; 2.91; 9300;occ; 112; 0;39215
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2; -1658.0; 31-AUG-2009 06:06:20; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;39223
3; -1352.6; 31-AUG-2009 06:11:25; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;39223
4; -1247.7; 31-AUG-2009 06:13:10; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39223
5; -976.6; 31-AUG-2009 06:17:41; Dark ; 73.5; 14; 58Alp Ori ; 0.87; 3000;occ; 147; 0;39223
6; -730.1; 31-AUG-2009 06:21:48; Dark ; 66.0; 30; 46Eps Ori ; 1.69; 30000;occ; 132; 0;39223
7; -594.0; 31-AUG-2009 06:24:04; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39223
8; -426.7; 31-AUG-2009 06:26:51; Dark ; 58.0; 101; 11Alp Lep ; 2.58; 7000;occ; 116; 0;39223
9; -250.2; 31-AUG-2009 06:29:48; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39223
10; 474.1; 31-AUG-2009 06:41:52; Dark ; 56.5; 157; The1Eri ; 2.91; 9300;occ; 113; 0;39224
11; 955.8; 31-AUG-2009 06:49:54; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;39224
12; 1326.8; 31-AUG-2009 06:56:05; Dark ; 41.5; 18; 24Alp PsA ; 1.17; 9700;occ; 83; 0;39224
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2; 2255.8; 31-AUG-2009 07:11:34; Bright; 47.5; 90; 54Alp Peg ; 2.49; 11000;occ; 95; 0;39224
3; 2506.7; 31-AUG-2009 07:15:45; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39224
4; 3149.9; 31-AUG-2009 07:26:28; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39224
5; 3278.8; 31-AUG-2009 07:28:37; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39224
6; 4158.4; 31-AUG-2009 07:43:16; Bright; 63.5; 6; 13Alp Aur ; 0.08; 3400;occ; 127; 0;39224
7; 4378.1; 31-AUG-2009 07:46:56; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39224

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8; 4683.6; 31-AUG-2009 07:52:02; Dark ; 59.0; 151; 13Mu Gem ; 2.89; 3000;occ; 118; 0;39224
 9; 4788.4; 31-AUG-2009 07:53:46; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;39224
 10; 5060.4; 31-AUG-2009 07:58:18; Dark ; 77.0; 14; 58Alp Ori ; 0.87; 3000;occ; 154; 0;39224
 11; 5307.1; 31-AUG-2009 08:02:25; Dark ; 64.0; 30; 46Eps Ori ; 1.69; 30000;occ; 128; 0;39224
 12; 5442.8; 31-AUG-2009 08:04:41; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39224
 13; 5610.4; 31-AUG-2009 08:07:28; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39224
 14; 5786.8; 31-AUG-2009 08:10:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39224
 15; 6511.6; 31-AUG-2009 08:22:30; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39224
 16; 6992.5; 31-AUG-2009 08:30:30; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;39224
 17; 7363.0; 31-AUG-2009 08:36:41; Dark ; 45.0; 18; 24Alp PsA ; 1.17; 9700;occ; 90; 0;39224

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 2; 2255.2; 31-AUG-2009 08:52:09; Bright; 48.5; 90; 54Alp Peg ; 2.49; 11000;occ; 97; 0;39225
 3; 2506.1; 31-AUG-2009 08:56:20; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39225
 4; 3149.4; 31-AUG-2009 09:07:03; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39225
 5; 3278.0; 31-AUG-2009 09:09:12; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39225
 6; 4158.2; 31-AUG-2009 09:23:52; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;39225
 7; 4378.1; 31-AUG-2009 09:27:32; Bright; 50.0; 107; 37The Aur ; 2.65; 11000;occ; 100; 0;39225
 8; 4683.9; 31-AUG-2009 09:32:38; Dark ; 61.0; 151; 13Mu Gem ; 2.89; 3000;occ; 122; 0;39225
 9; 4788.9; 31-AUG-2009 09:34:23; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;39225
 10; 5061.2; 31-AUG-2009 09:38:55; Dark ; 70.5; 14; 58Alp Ori ; 0.87; 3000;occ; 141; 0;39225
 11; 5308.1; 31-AUG-2009 09:43:02; Dark ; 64.5; 30; 46Eps Ori ; 1.69; 30000;occ; 129; 0;39225
 12; 5443.4; 31-AUG-2009 09:45:17; Dark ; 42.5; 47; 2Bet CMA ; 1.98; 28000;occ; 85; 0;39225
 13; 5611.6; 31-AUG-2009 09:48:06; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;39225
 14; 5787.9; 31-AUG-2009 09:51:02; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39225
 15; 6512.6; 31-AUG-2009 10:03:06; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39225
 16; 6993.1; 31-AUG-2009 10:11:07; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39225
 17; 7363.2; 31-AUG-2009 10:17:17; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39225

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 2; 2254.7; 31-AUG-2009 10:32:44; Bright; 47.5; 90; 54Alp Peg ; 2.49; 11000;occ; 95; 0;39226
 3; 2505.7; 31-AUG-2009 10:36:55; Bright; 43.0; 164; 44Eta Peg ; 2.95; 5400;occ; 86; 0;39226
 4; 3148.7; 31-AUG-2009 10:47:39; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39226
 5; 3277.3; 31-AUG-2009 10:49:47; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39226
 6; 4157.9; 31-AUG-2009 11:04:28; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39226
 7; 4378.2; 31-AUG-2009 11:08:08; Bright; 48.5; 107; 37The Aur ; 2.65; 11000;occ; 97; 0;39226
 8; 4684.2; 31-AUG-2009 11:13:14; Dark ; 64.0; 151; 13Mu Gem ; 2.89; 3000;occ; 128; 0;39226
 9; 4789.1; 31-AUG-2009 11:14:59; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39226
 10; 5061.9; 31-AUG-2009 11:19:32; Dark ; 75.0; 14; 58Alp Ori ; 0.87; 3000;occ; 150; 0;39226
 11; 5309.1; 31-AUG-2009 11:23:39; Dark ; 63.0; 30; 46Eps Ori ; 1.69; 30000;occ; 126; 0;39226
 12; 5444.1; 31-AUG-2009 11:25:54; Dark ; 47.5; 47; 2Bet CMA ; 1.98; 28000;occ; 95; 0;39226
 13; 5612.7; 31-AUG-2009 11:28:42; Dark ; 55.5; 101; 11Alp Lep ; 2.58; 7000;occ; 111; 0;39226
 14; 5789.0; 31-AUG-2009 11:31:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39226
 15; 6513.8; 31-AUG-2009 11:43:44; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39226
 16; 6993.6; 31-AUG-2009 11:51:43; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;39226
 17; 7363.4; 31-AUG-2009 11:57:53; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;39226

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 2; 2254.1; 31-AUG-2009 12:13:20; Bright; 49.0; 90; 54Alp Peg ; 2.49; 11000;occ; 98; 0;39227
 3; 2505.1; 31-AUG-2009 12:17:31; Bright; 41.0; 164; 44Eta Peg ; 2.95; 5400;occ; 82; 0;39227
 4; 3148.2; 31-AUG-2009 12:28:14; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39227
 5; 3276.6; 31-AUG-2009 12:30:22; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39227
 6; 4157.6; 31-AUG-2009 12:45:03; Bright; 73.0; 6; 13Alp Aur ; 0.08; 3400;occ; 146; 0;39227
 7; 4378.2; 31-AUG-2009 12:48:44; Bright; 51.5; 107; 37The Aur ; 2.65; 11000;occ; 103; 0;39227
 8; 4684.5; 31-AUG-2009 12:53:50; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;39227
 9; 4789.7; 31-AUG-2009 12:55:35; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;39227
 10; 5062.8; 31-AUG-2009 13:00:08; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;39227
 11; 5310.3; 31-AUG-2009 13:04:16; Dark ; 59.0; 30; 46Eps Ori ; 1.69; 30000;occ; 118; 0;39227
 12; 5445.0; 31-AUG-2009 13:06:31; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39227
 13; 5613.9; 31-AUG-2009 13:09:19; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39227
 14; 5790.2; 31-AUG-2009 13:12:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39227
 15; 6515.1; 31-AUG-2009 13:24:21; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39227
 16; 6994.1; 31-AUG-2009 13:32:20; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39227
 17; 7363.8; 31-AUG-2009 13:38:29; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39227

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 2; 2504.8; 31-AUG-2009 13:58:06; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39228
 3; 3147.5; 31-AUG-2009 14:08:49; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39228


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4; 3275.8; 31-AUG-2009 14:10:57; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39228
5; 4157.6; 31-AUG-2009 14:25:39; Bright; 62.0; 6; 13Alp Aur ; 0.08; 3400;occ; 124; 0;39228
6; 4378.3; 31-AUG-2009 14:29:20; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39228
7; 4684.9; 31-AUG-2009 14:34:26; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;39228
8; 4790.1; 31-AUG-2009 14:36:12; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39228
9; 5063.8; 31-AUG-2009 14:40:45; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39228
10; 5311.7; 31-AUG-2009 14:44:53; Dark ; 65.0; 30; 46Eps Ori ; 1.69; 30000;occ; 130; 0;39228
11; 5445.8; 31-AUG-2009 14:47:07; Dark ; 46.5; 47; 2Bet CMA ; 1.98; 28000;occ; 93; 0;39228
12; 5615.1; 31-AUG-2009 14:49:57; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;39228
13; 5791.4; 31-AUG-2009 14:52:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39228
14; 6516.3; 31-AUG-2009 15:04:58; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39228
15; 6994.7; 31-AUG-2009 15:12:56; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39228
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2; 2253.0; 31-AUG-2009 15:34:30; Bright; 47.5; 90; 54Alp Peg ; 2.49; 11000;occ; 95; 0;39229
3; 2504.2; 31-AUG-2009 15:38:42; Bright; 55.5; 164; 44Eta Peg ; 2.95; 5400;occ; 111; 0;39229
4; 3146.9; 31-AUG-2009 15:49:24; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39229
5; 3275.1; 31-AUG-2009 15:51:33; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39229
6; 4157.4; 31-AUG-2009 16:06:15; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;39229
7; 4378.1; 31-AUG-2009 16:09:56; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;39229
8; 4685.1; 31-AUG-2009 16:15:03; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;39229
9; 4790.5; 31-AUG-2009 16:16:48; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;39229
10; 5064.4; 31-AUG-2009 16:21:22; Dark ; 73.0; 14; 58Alp Ori ; 0.87; 3000;occ; 146; 0;39229
11; 5313.1; 31-AUG-2009 16:25:30; Dark ; 65.0; 30; 46Eps Ori ; 1.69; 30000;occ; 130; 0;39229
12; 5446.5; 31-AUG-2009 16:27:44; Dark ; 48.0; 47; 2Bet CMA ; 1.98; 28000;occ; 96; 0;39229
13; 5616.3; 31-AUG-2009 16:30:34; Dark ; 56.0; 101; 11Alp Lep ; 2.58; 7000;occ; 112; 0;39229
14; 5792.6; 31-AUG-2009 16:33:30; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39229
15; 6517.5; 31-AUG-2009 16:45:35; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39229
16; 6995.3; 31-AUG-2009 16:53:33; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;39229
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3; 2503.7; 31-AUG-2009 17:19:17; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39230
4; 3146.3; 31-AUG-2009 17:30:00; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39230
5; 3274.4; 31-AUG-2009 17:32:08; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39230
6; 4157.1; 31-AUG-2009 17:46:51; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;39230
7; 4378.2; 31-AUG-2009 17:50:32; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39230
8; 4685.5; 31-AUG-2009 17:55:39; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;39230
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10; 5314.3; 31-AUG-2009 18:06:08; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;39230
11; 5447.4; 31-AUG-2009 18:08:21; Dark ; 45.5; 47; 2Bet CMA ; 1.98; 28000;occ; 91; 0;39230
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13; 5793.7; 31-AUG-2009 18:14:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39230
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3; 2503.2; 31-AUG-2009 18:59:53; Bright; 42.5; 164; 44Eta Peg ; 2.95; 5400;occ; 85; 0;39231
4; 3145.5; 31-AUG-2009 19:10:35; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39231
5; 3273.8; 31-AUG-2009 19:12:43; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39231
6; 4156.8; 31-AUG-2009 19:27:26; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39231
7; 4378.2; 31-AUG-2009 19:31:08; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39231
8; 4685.8; 31-AUG-2009 19:36:15; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;39231
9; 4791.2; 31-AUG-2009 19:38:01; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;39231
10; 5315.1; 31-AUG-2009 19:46:45; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;39231
11; 5447.9; 31-AUG-2009 19:48:57; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39231
12; 5618.7; 31-AUG-2009 19:51:48; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;39231
13; 5794.8; 31-AUG-2009 19:54:44; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39231
14; 6519.9; 31-AUG-2009 20:06:49; Dark ; 56.5; 157; The1Eri ; 2.91; 9300;occ; 113; 0;39231
15; 6996.5; 31-AUG-2009 20:14:46; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;39231

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