

GOMOS Daily Report 18-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	21AUG2009 04:49:44
Data source version	GOMOS/5.00
Start time of products	18AUG2009 00:04:15
Stop time of products	18AUG2009 23:58:35
Store outputs in DB	Yes
Nb of level 1b prods	111
Nb of prods with errors	1

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

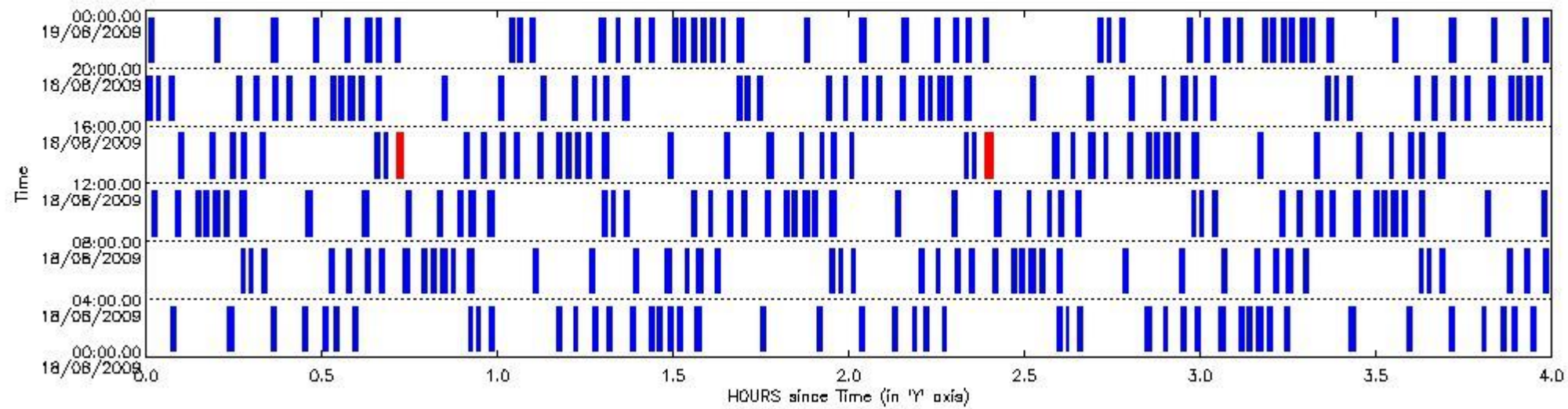
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
18-AUG-2009 12:42:39	37DelCas	110	39041
18-AUG-2009 14:23:14	37DelCas	110	39042

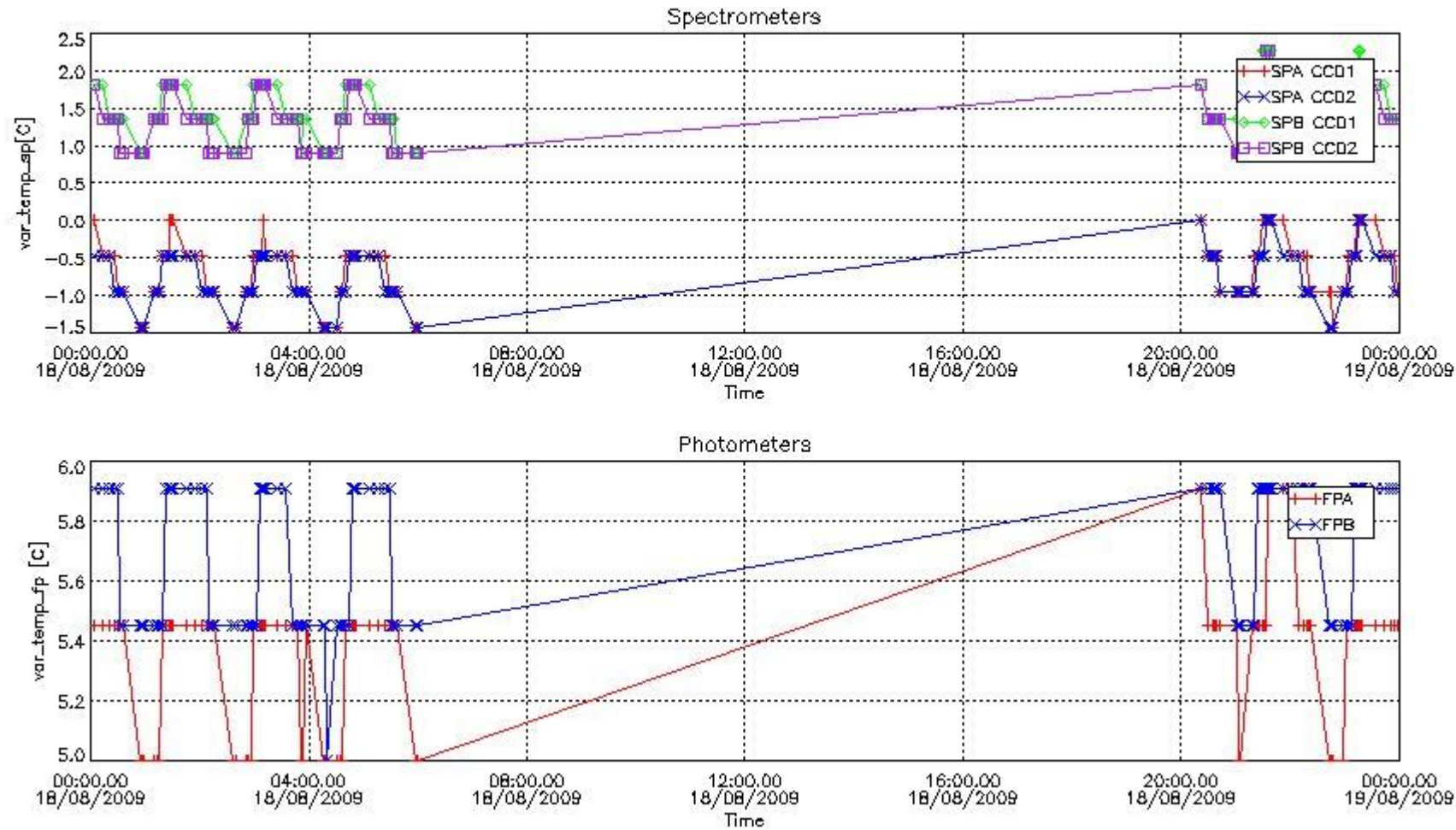
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20090818_000415_000000512081_00403_39034_5445.N1	18-AUG-2009 00:04:15	Dark	51.000	157	The1Eri	2.9060	9300.0	102	39034	No
2	GOM_TRA_1PNPDE20090818_001355_000000622081_00403_39034_5446.N1	18-AUG-2009 00:13:55	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	39034	No
3	GOM_TRA_1PNPDE20090818_002115_000000522081_00403_39034_5447.N1	18-AUG-2009 00:21:15	Twilight_stray	51.500	18	24Alp PsA	1.1660	9700.0	103	39034	No
4	GOM_TRA_1PNPDE20090818_002647_000000432081_00403_39034_5448.N1	18-AUG-2009 00:26:47	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	39034	No
5	GOM_TRA_1PNPDE20090818_003012_000000422081_00403_39034_5449.N1	18-AUG-2009 00:30:12	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	39034	No
6	GOM_TRA_1PNPDE20090818_003209_000000472081_00403_39034_5450.N1	18-AUG-2009 00:32:09	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	39034	No
7	GOM_TRA_1PNPDE20090818_003518_000000432081_00403_39034_5451.N1	18-AUG-2009 00:35:18	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	39034	No
8	GOM_TRA_1PNPDE20090818_005457_000000482081_00403_39034_5452.N1	18-AUG-2009 00:54:57	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	39034	No
9	GOM_TRA_1PNPDE20090818_005628_000000292081_00403_39034_5453.N1	18-AUG-2009 00:56:28	Twilight_stray	29.000	68	18Alp Cas	2.2250	4500.0	58	39034	No

10	GOM_TRA_1PNPDE20090818_005833_000000482081_00403_39034_5454.N1	18-AUG-2009 00:58:33	Bright	48.000	110	37Del Cas	2.6780	8900.0	96	39034	No
11	GOM_TRA_1PNPDE20090818_011003_000000532081_00403_39034_5455.N1	18-AUG-2009 01:10:03	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	39034	No
12	GOM_TRA_1PNPDE20090818_011302_000000402081_00403_39034_5456.N1	18-AUG-2009 01:13:02	Bright	40.000	107	37The Aur	2.6490	11000.	80	39034	No
13	GOM_TRA_1PNPDE20090818_011611_000000512081_00403_39034_5457.N1	18-AUG-2009 01:16:11	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	39034	No
14	GOM_TRA_1PNPDE20090818_011836_000000482081_00403_39034_5458.N1	18-AUG-2009 01:18:36	Twilight	47.500	176	23Zet Tau	3.0200	22000.	95	39034	No
15	GOM_TRA_1PNPDE20090818_012237_000000552081_00403_39034_5459.N1	18-AUG-2009 01:22:37	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39034	No
16	GOM_TRA_1PNPDE20090818_012553_000000502081_00403_39034_5460.N1	18-AUG-2009 01:25:53	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	39034	No
17	GOM_TRA_1PNPDE20090818_012719_000000482081_00403_39034_5582.N1	18-AUG-2009 01:27:19	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39034	No
18	GOM_TRA_1PNPDE20090818_012858_000000572081_00403_39034_5583.N1	18-AUG-2009 01:28:58	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	39034	No
19	GOM_TRA_1PNPDE20090818_013046_000000462081_00403_39034_5584.N1	18-AUG-2009 01:30:46	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	39034	No
20	GOM_TRA_1PNPDE20090818_014451_000000532081_00404_39035_5585.N1	18-AUG-2009 01:44:51	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39035	No
21	GOM_TRA_1PNPDE20090818_015432_000000552081_00404_39035_5586.N1	18-AUG-2009 01:54:32	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	39035	No
22	GOM_TRA_1PNPDE20090818_020151_000000522081_00404_39035_5587.N1	18-AUG-2009 02:01:51	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	39035	No
23	GOM_TRA_1PNPDE20090818_020723_000000452081_00404_39035_5588.N1	18-AUG-2009 02:07:23	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	39035	No
24	GOM_TRA_1PNPDE20090818_021047_000000422081_00404_39035_5589.N1	18-AUG-2009 02:10:47	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	39035	No
25	GOM_TRA_1PNPDE20090818_021244_000000452081_00404_39035_5590.N1	18-AUG-2009 02:12:44	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	39035	No
26	GOM_TRA_1PNPDE20090818_021554_000000442081_00404_39035_5591.N1	18-AUG-2009 02:15:54	Bright	44.000	61	8Eps Peg	2.1000	3900.0	88	39035	No
27	GOM_TRA_1PNPDE20090818_023532_000000442081_00404_39035_5592.N1	18-AUG-2009 02:35:32	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39035	No
28	GOM_TRA_1PNPDE20090818_023703_000000292081_00404_39035_5593.N1	18-AUG-2009 02:37:03	Twilight	29.000	68	18Alp Cas	2.2250	4500.0	58	39035	No
29	GOM_TRA_1PNPDE20090818_023908_000000462081_00404_39035_5594.N1	18-AUG-2009 02:39:08	Bright	45.500	110	37Del Cas	2.6780	8900.0	91	39035	No
30	GOM_TRA_1PNPDE20090818_025039_000000512081_00404_39035_5754.N1	18-AUG-2009 02:50:39	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	39035	No
31	GOM_TRA_1PNPDE20090818_025337_000000412081_00404_39035_5755.N1	18-AUG-2009 02:53:37	Bright	40.500	107	37The Aur	2.6490	11000.	81	39035	No
32	GOM_TRA_1PNPDE20090818_025647_000000502081_00404_39035_5756.N1	18-AUG-2009 02:56:47	Twilight	49.500	28	12Bet Tau	1.6500	15200.	99	39035	No
33	GOM_TRA_1PNPDE20090818_025912_000000492081_00404_39035_5757.N1	18-AUG-2009 02:59:12	Twilight	49.000	176	23Zet Tau	3.0200	22000.	98	39035	No
34	GOM_TRA_1PNPDE20090818_030313_000000582081_00404_39035_5758.N1	18-AUG-2009 03:03:13	Dark	57.500	14	58Alp Ori	0.87000	3000.0	115	39035	No
35	GOM_TRA_1PNPDE20090818_030630_000000492081_00404_39035_5759.N1	18-AUG-2009 03:06:30	Dark	49.000	30	46Eps Ori	1.6940	30000.	98	39035	No
36	GOM_TRA_1PNPDE20090818_030756_000000472081_00404_39035_5760.N1	18-AUG-2009 03:07:56	Dark	46.500	125	44Iot Ori	2.7700	30000.	93	39035	No
37	GOM_TRA_1PNPDE20090818_030935_000000582081_00404_39035_5761.N1	18-AUG-2009 03:09:35	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	39035	No
38	GOM_TRA_1PNPDE20090818_031123_000000482081_00404_39035_5762.N1	18-AUG-2009 03:11:23	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	39035	No
39	GOM_TRA_1PNPDE20090818_032529_000000512081_00405_39036_5763.N1	18-AUG-2009 03:25:29	Dark	50.500	157	The1Eri	2.9060	9300.0	101	39036	No
40	GOM_TRA_1PNPDE20090818_033509_000000532081_00405_39036_5764.N1	18-AUG-2009 03:35:09	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39036	No
41	GOM_TRA_1PNPDE20090818_034228_000000512081_00405_39036_5765.N1	18-AUG-2009 03:42:28	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39036	No
42	GOM_TRA_1PNPDE20090818_034759_000000432081_00405_39036_5766.N1	18-AUG-2009 03:47:59	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	39036	No
43	GOM_TRA_1PNPDE20090818_035124_000000412081_00405_39036_5767.N1	18-AUG-2009 03:51:24	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	39036	No
44	GOM_TRA_1PNPDE20090818_035320_000000482081_00405_39036_5768.N1	18-AUG-2009 03:53:20	Bright	47.500	162	34Alp Aqr	2.9440	5350.0	95	39036	No
45	GOM_TRA_1PNPDE20090818_035629_000000442081_00405_39036_5769.N1	18-AUG-2009 03:56:29	Bright	44.000	61	8Eps Peg	2.1000	3900.0	88	39036	No
46	GOM_TRA_1PNPDE20090818_041607_000000452081_00405_39036_5770.N1	18-AUG-2009 04:16:07	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39036	No
47	GOM_TRA_1PNPDE20090818_041738_000000302081_00405_39036_5771.N1	18-AUG-2009 04:17:38	Twilight	30.000	68	18Alp Cas	2.2250	4500.0	60	39036	No
48	GOM_TRA_1PNPDE20090818_041943_000000482081_00405_39036_5772.N1	18-AUG-2009 04:19:43	Bright	47.500	110	37Del Cas	2.6780	8900.0	95	39036	No
49	GOM_TRA_1PNPDE20090818_043115_000000522081_00405_39036_5894.N1	18-AUG-2009 04:31:15	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	39036	No
50	GOM_TRA_1PNPDE20090818_043413_000000402081_00405_39036_5895.N1	18-AUG-2009 04:34:13	Bright	39.500	107	37The Aur	2.6490	11000.	79	39036	No
51	GOM_TRA_1PNPDE20090818_043723_000000532081_00405_39036_5896.N1	18-AUG-2009 04:37:23	Twilight	53.000	28	12Bet Tau	1.6500	15200.	106	39036	No
52	GOM_TRA_1PNPDE20090818_043948_000000502081_00405_39036_5897.N1	18-AUG-2009 04:39:48	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39036	No
53	GOM_TRA_1PNPDE20090818_044350_000000612081_00405_39036_5898.N1	18-AUG-2009 04:43:50	Dark	61.000	14	58Alp Ori	0.87000	3000.0	122	39036	No
54	GOM_TRA_1PNPDE20090818_044707_000000502081_00405_39036_5899.N1	18-AUG-2009 04:47:07	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	39036	No
55	GOM_TRA_1PNPDE20090818_044833_000000472081_00405_39036_5900.N1	18-AUG-2009 04:48:33	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	39036	No
56	GOM_TRA_1PNPDE20090818_045012_000000632081_00405_39036_5901.N1	18-AUG-2009 04:50:12	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	39036	No
57	GOM_TRA_1PNPDE20090818_045200_000000482081_00405_39036_5902.N1	18-AUG-2009 04:52:00	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	39036	No
58	GOM_TRA_1PNPDE20090818_050606_000000512081_00406_39037_5903.N1	18-AUG-2009 05:06:06	Dark	50.500	157	The1Eri	2.9060	9300.0	101	39037	No
59	GOM_TRA_1PNPDE20090818_051545_000000532081_00406_39037_5904.N1	18-AUG-2009 05:15:45	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39037	No
60	GOM_TRA_1PNPDE20090818_052304_000000522081_00406_39037_5905.N1	18-AUG-2009 05:23:04	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	39037	No
61	GOM_TRA_1PNPDE20090818_052836_000000592081_00406_39037_5906.N1	18-AUG-2009 05:28:36	Bright	59.000	142	49Del Cap	2.8500	8900.0	118	39037	No
62	GOM_TRA_1PNPDE20090818_053200_000000412081_00406_39037_5907.N1	18-AUG-2009 05:32:00	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	39037	No
63	GOM_TRA_1PNPDE20090818_053356_000000662081_00406_39037_5908.N1	18-AUG-2009 05:33:56	Bright	66.000	162	34Alp Aqr	2.9440	5350.0	132	39037	No
64	GOM_TRA_1PNPDE20090818_053705_000000442081_00406_39037_5909.N1	18-AUG-2009 05:37:05	Bright	44.000	61	8Eps Peg	2.1000	3900.0	88	39037	No
65	GOM_TRA_1PNPDE20090818_055643_000000472081_00406_39037_5910.N1	18-AUG-2009 05:56:43	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39037	No
66	GOM_TRA_1PNPDE20090818_055813_000000302081_00406_39037_5911.N1	18-AUG-2009 05:58:13	Twilight	30.000	68	18Alp Cas	2.2250	4500.0	60	39037	No
67	GOM_TRA_1PNPDE20090818_060019_000000482081_00406_39037_5912.N1	18-AUG-2009 06:00:19	Bright	47.500	110	37Del Cas	2.6780	8900.0	95	39037	No
68	GOM_TRA_1PNPDE20090818_202116_000000612081_00415_39046_6444.N1	18-AUG-2009 20:21:16	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	39046	Yes

69	GOM_TRA_1PNPDE20090818_202831_000000512081_00415_39046_6445.N1	18-AUG-2009 20:28:31	Twilight	51.000	18	24Alp PsA	1.1660	9700.0	102	39046	No
70	GOM_TRA_1PNPDE20090818_203400_000000442081_00415_39046_6446.N1	18-AUG-2009 20:34:00	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	39046	No
71	GOM_TRA_1PNPDE20090818_203723_000000582081_00415_39046_6447.N1	18-AUG-2009 20:37:23	Bright	58.000	154	22Bet Aqr	2.8990	5700.0	116	39046	No
72	GOM_TRA_1PNPDE20090818_203918_000000472081_00415_39046_6448.N1	18-AUG-2009 20:39:18	Bright	47.000	162	34Alp Aqr	2.9440	5350.0	94	39046	No
73	GOM_TRA_1PNPDE20090818_204226_000000432081_00415_39046_6449.N1	18-AUG-2009 20:42:26	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	39046	No
74	GOM_TRA_1PNPDE20090818_210159_000000492081_00415_39046_6450.N1	18-AUG-2009 21:01:59	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	39046	No
75	GOM_TRA_1PNPDE20090818_210328_000000382081_00415_39046_6451.N1	18-AUG-2009 21:03:28	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	39046	No
76	GOM_TRA_1PNPDE20090818_210535_000000502081_00415_39046_6452.N1	18-AUG-2009 21:05:35	Bright	49.500	110	37Del Cas	2.6780	8900.0	99	39046	No
77	GOM_TRA_1PNPDE20090818_211713_000000642081_00415_39046_6453.N1	18-AUG-2009 21:17:13	Bright	64.000	6	13Alp Aur	0.080000	3400.0	128	39046	No
78	GOM_TRA_1PNPDE20090818_212014_000000392081_00415_39046_6454.N1	18-AUG-2009 21:20:14	Bright	38.500	107	37The Aur	2.6490	11000.	77	39046	No
79	GOM_TRA_1PNPDE20090818_212325_000000542081_00415_39046_6455.N1	18-AUG-2009 21:23:25	Twilight	53.500	28	12Bet Tau	1.6500	15200.	107	39046	No
80	GOM_TRA_1PNPDE20090818_212551_000000492081_00415_39046_6456.N1	18-AUG-2009 21:25:51	Twilight	48.500	176	23Zet Tau	3.0200	22000.	97	39046	No
81	GOM_TRA_1PNPDE20090818_212954_000000552081_00415_39046_6457.N1	18-AUG-2009 21:29:54	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	39046	No
82	GOM_TRA_1PNPDE20090818_213115_000000532081_00415_39046_6458.N1	18-AUG-2009 21:31:15	Dark	52.500	27	24Gam Ori	1.6360	26000.	105	39046	No
83	GOM_TRA_1PNPDE20090818_213312_000000512081_00415_39046_6459.N1	18-AUG-2009 21:33:12	Dark	50.500	30	46Eps Ori	1.6940	30000.	101	39046	No
84	GOM_TRA_1PNPDE20090818_213439_000000462081_00415_39046_6460.N1	18-AUG-2009 21:34:39	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	39046	No
85	GOM_TRA_1PNPDE20090818_213620_000000552081_00415_39046_6589.N1	18-AUG-2009 21:36:20	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	39046	No
86	GOM_TRA_1PNPDE20090818_213807_000000462081_00415_39046_6590.N1	18-AUG-2009 21:38:07	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	39046	No
87	GOM_TRA_1PNPDE20090818_215217_000000542081_00416_39047_6591.N1	18-AUG-2009 21:52:17	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39047	No
88	GOM_TRA_1PNPDE20090818_220153_000000582081_00416_39047_6592.N1	18-AUG-2009 22:01:53	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	39047	No
89	GOM_TRA_1PNPDE20090818_220908_000000522081_00416_39047_6593.N1	18-AUG-2009 22:09:08	Twilight	52.000	18	24Alp PsA	1.1660	9700.0	104	39047	No
90	GOM_TRA_1PNPDE20090818_221436_000000442081_00416_39047_6594.N1	18-AUG-2009 22:14:36	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	39047	No
91	GOM_TRA_1PNPDE20090818_221759_000000412081_00416_39047_6595.N1	18-AUG-2009 22:17:59	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39047	No
92	GOM_TRA_1PNPDE20090818_221954_000000472081_00416_39047_6596.N1	18-AUG-2009 22:19:54	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	39047	No
93	GOM_TRA_1PNPDE20090818_222302_000000422081_00416_39047_6597.N1	18-AUG-2009 22:23:02	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	39047	No
94	GOM_TRA_1PNPDE20090818_224234_000000472081_00416_39047_6598.N1	18-AUG-2009 22:42:34	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	39047	No
95	GOM_TRA_1PNPDE20090818_224403_000000382081_00416_39047_6599.N1	18-AUG-2009 22:44:03	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	39047	No
96	GOM_TRA_1PNPDE20090818_224610_000000482081_00416_39047_6600.N1	18-AUG-2009 22:46:10	Bright	47.500	110	37Del Cas	2.6780	8900.0	95	39047	No
97	GOM_TRA_1PNPDE20090818_225749_000000532081_00416_39047_6601.N1	18-AUG-2009 22:57:49	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	39047	No
98	GOM_TRA_1PNPDE20090818_230049_000000432081_00416_39047_6602.N1	18-AUG-2009 23:00:49	Bright	42.500	107	37The Aur	2.6490	11000.	85	39047	No
99	GOM_TRA_1PNPDE20090818_230401_000000542081_00416_39047_6603.N1	18-AUG-2009 23:04:01	Twilight	53.500	28	12Bet Tau	1.6500	15200.	107	39047	No
100	GOM_TRA_1PNPDE20090818_230627_000000492081_00416_39047_6604.N1	18-AUG-2009 23:06:27	Twilight	49.000	176	23Zet Tau	3.0200	22000.	98	39047	No
101	GOM_TRA_1PNPDE20090818_231030_000000542081_00416_39047_6605.N1	18-AUG-2009 23:10:30	Dark	53.500	14	58Alp Ori	0.87000	3000.0	107	39047	No
102	GOM_TRA_1PNPDE20090818_231152_000000532081_00416_39047_6606.N1	18-AUG-2009 23:11:52	Dark	52.500	27	24Gam Ori	1.6360	26000.	105	39047	No
103	GOM_TRA_1PNPDE20090818_231349_000000512081_00416_39047_6607.N1	18-AUG-2009 23:13:49	Dark	50.500	30	46Eps Ori	1.6940	30000.	101	39047	No
104	GOM_TRA_1PNPDE20090818_231516_000000482081_00416_39047_6608.N1	18-AUG-2009 23:15:16	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39047	No
105	GOM_TRA_1PNPDE20090818_231657_000000672081_00416_39047_6742.N1	18-AUG-2009 23:16:57	Dark	67.000	7	19Bet Ori	0.10000	14000.	134	39047	No
106	GOM_TRA_1PNPDE20090818_231843_000000482081_00416_39047_6743.N1	18-AUG-2009 23:18:43	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	39047	No
107	GOM_TRA_1PNPDE20090818_233254_000000522081_00417_39048_6744.N1	18-AUG-2009 23:32:54	Dark	51.500	157	The1Eri	2.9060	9300.0	103	39048	No
108	GOM_TRA_1PNPDE20090818_234229_000000622081_00417_39048_6745.N1	18-AUG-2009 23:42:29	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	39048	No
109	GOM_TRA_1PNPDE20090818_234944_000000512081_00417_39048_6746.N1	18-AUG-2009 23:49:44	Twilight	51.000	18	24Alp PsA	1.1660	9700.0	102	39048	No
110	GOM_TRA_1PNPDE20090818_235512_000000442081_00417_39048_6747.N1	18-AUG-2009 23:55:12	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	39048	No
111	GOM_TRA_1PNPDE20090818_235835_000000412081_00417_39048_6748.N1	18-AUG-2009 23:58:35	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	39048	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).

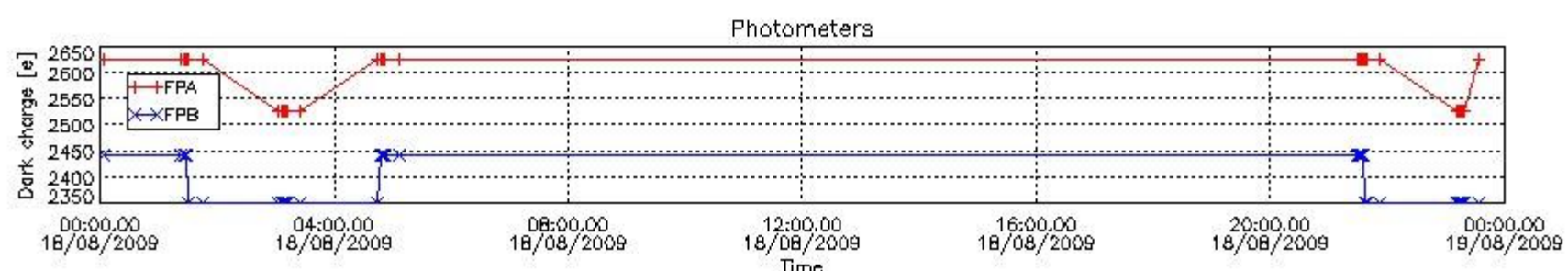
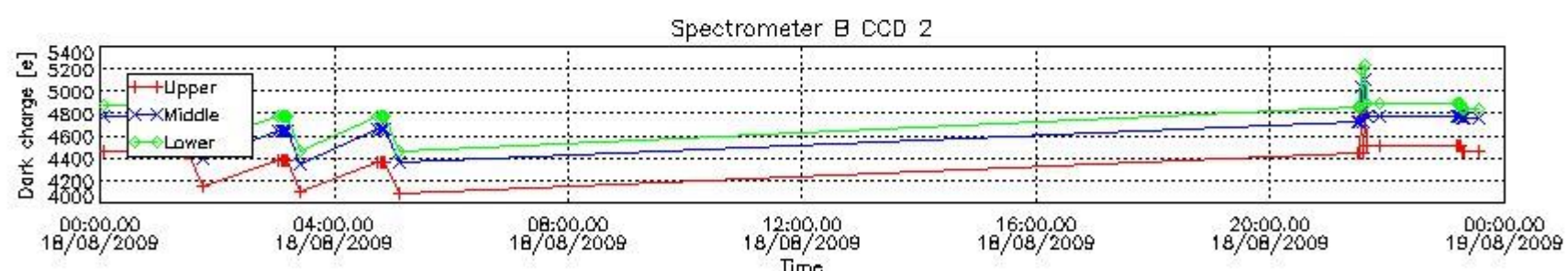
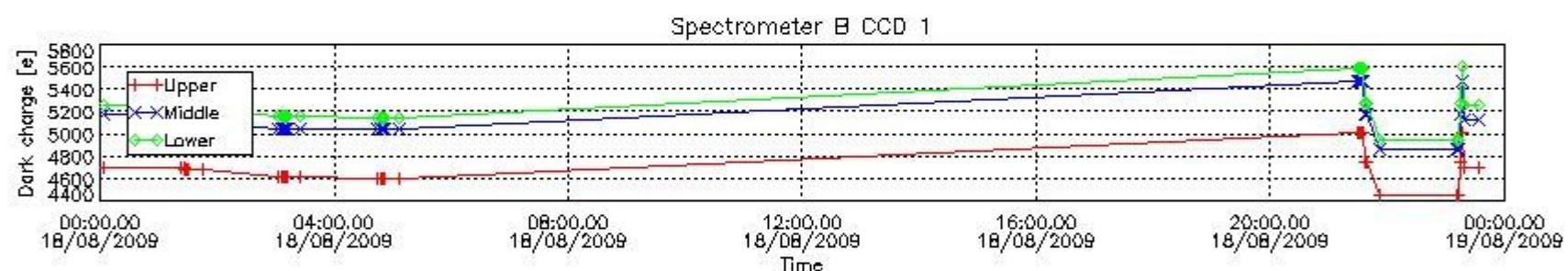
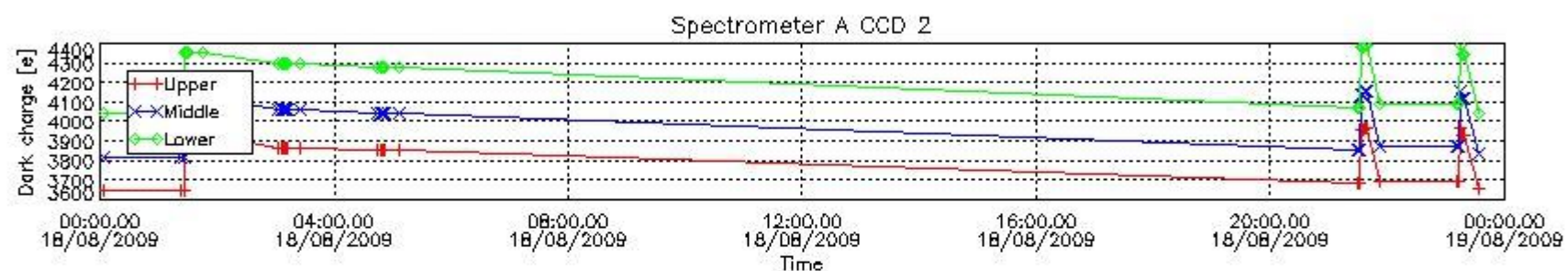
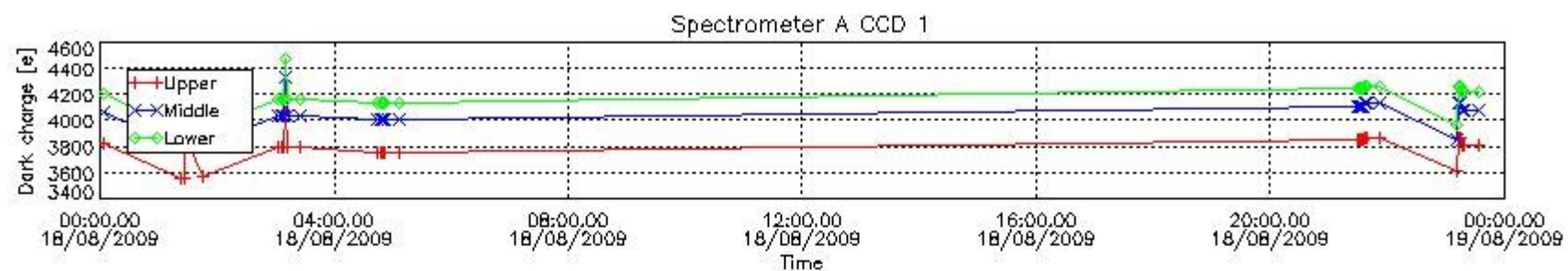
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20090818_202116_000000612081_00415_39046_6444.N1	DC map with no T dep.
GOM_TRA_1PNPDE20090818_202831_000000512081_00415_39046_6445.N1	DC map used
GOM_TRA_1PNPDE20090818_203400_000000442081_00415_39046_6446.N1	DC map used
GOM_TRA_1PNPDE20090818_203723_000000582081_00415_39046_6447.N1	DC map used
GOM_TRA_1PNPDE20090818_203918_000000472081_00415_39046_6448.N1	DC map used
GOM_TRA_1PNPDE20090818_204226_000000432081_00415_39046_6449.N1	DC map used
GOM_TRA_1PNPDE20090818_210159_000000492081_00415_39046_6450.N1	DC map used
GOM_TRA_1PNPDE20090818_210328_000000382081_00415_39046_6451.N1	DC map used
GOM_TRA_1PNPDE20090818_210535_000000502081_00415_39046_6452.N1	DC map used
GOM_TRA_1PNPDE20090818_211713_000000642081_00415_39046_6453.N1	DC map used
GOM_TRA_1PNPDE20090818_212014_000000392081_00415_39046_6454.N1	DC map used
GOM_TRA_1PNPDE20090818_212325_000000542081_00415_39046_6455.N1	DC map used
GOM_TRA_1PNPDE20090818_212551_000000492081_00415_39046_6456.N1	DC map used
GOM_TRA_1PNPDE20090818_212954_000000552081_00415_39046_6457.N1	DC map used

GOM_TRA_1PNPDE20090818_213115_000000532081_00415_39046_6458.N1	DC map used
GOM_TRA_1PNPDE20090818_213312_000000512081_00415_39046_6459.N1	DC map used
GOM_TRA_1PNPDE20090818_213439_000000462081_00415_39046_6460.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

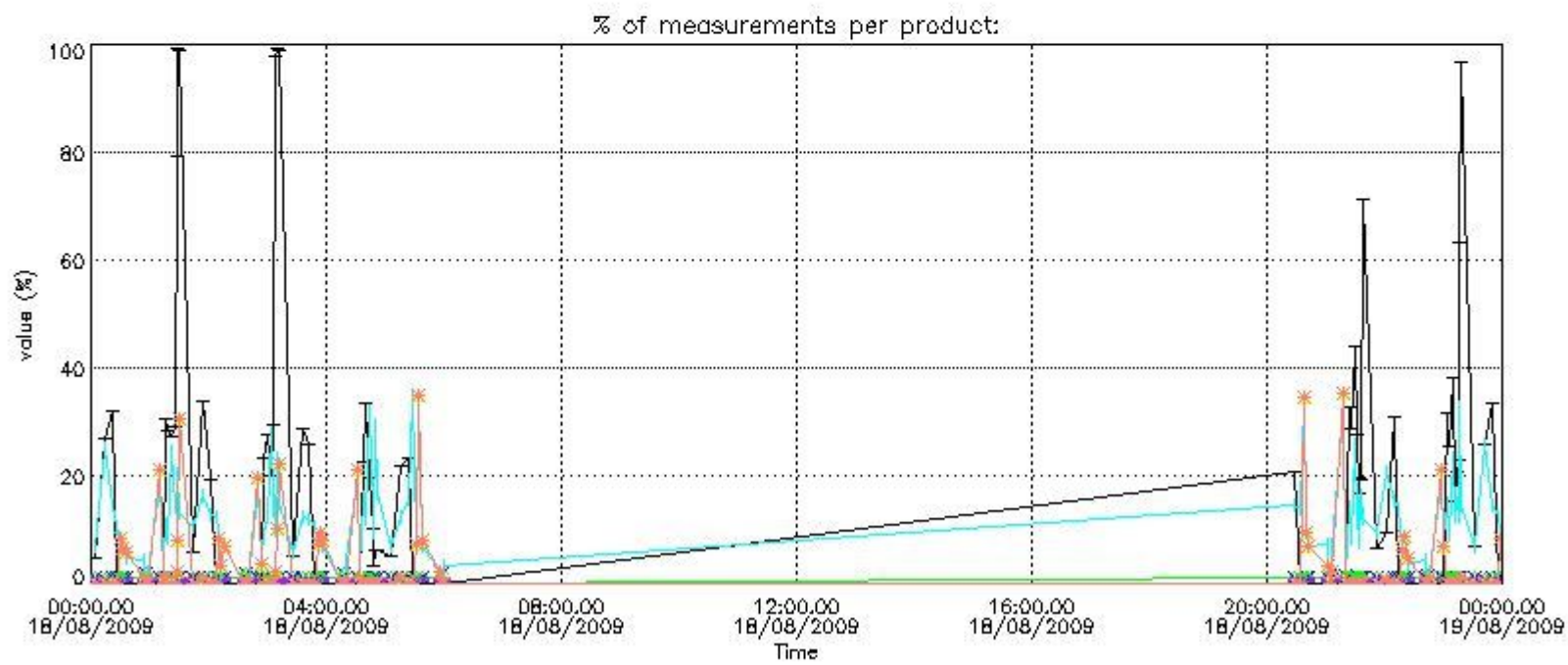
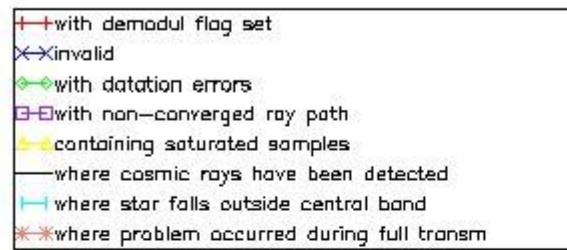
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors

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

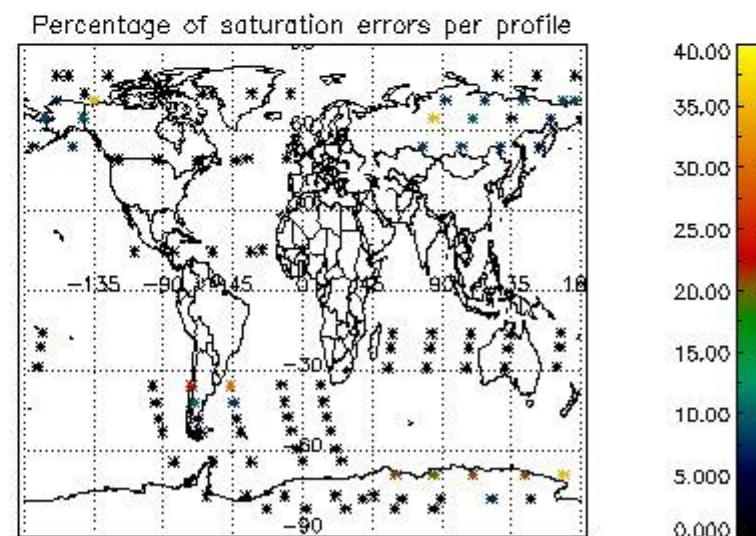
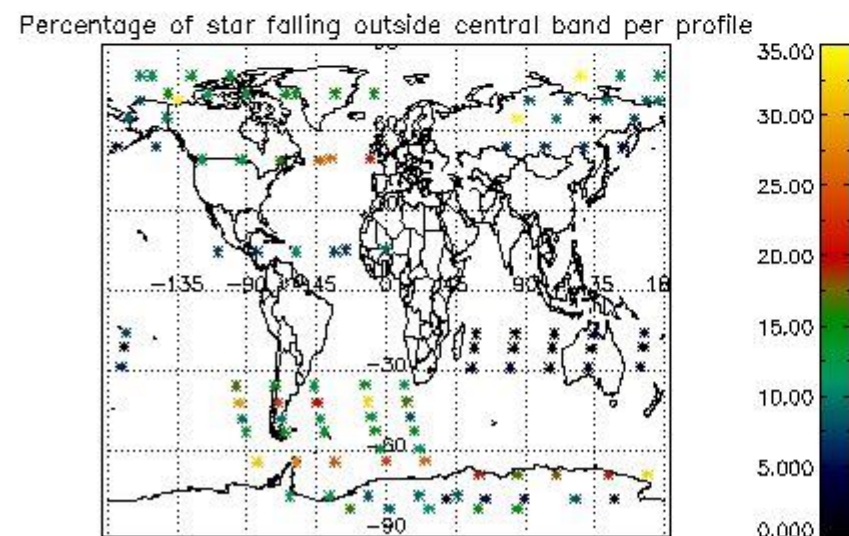
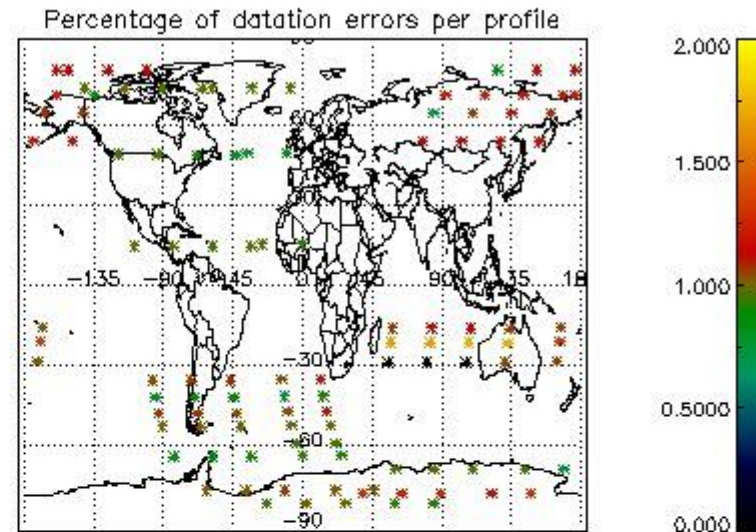
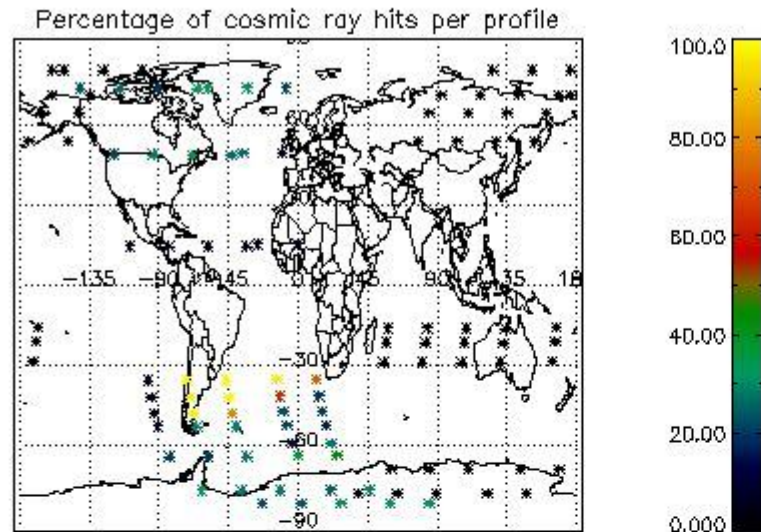
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	37.2727 %
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)



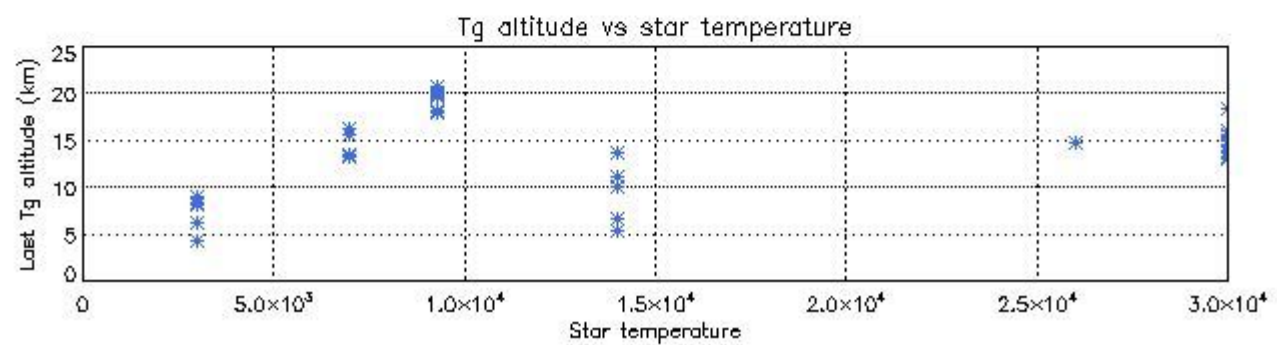
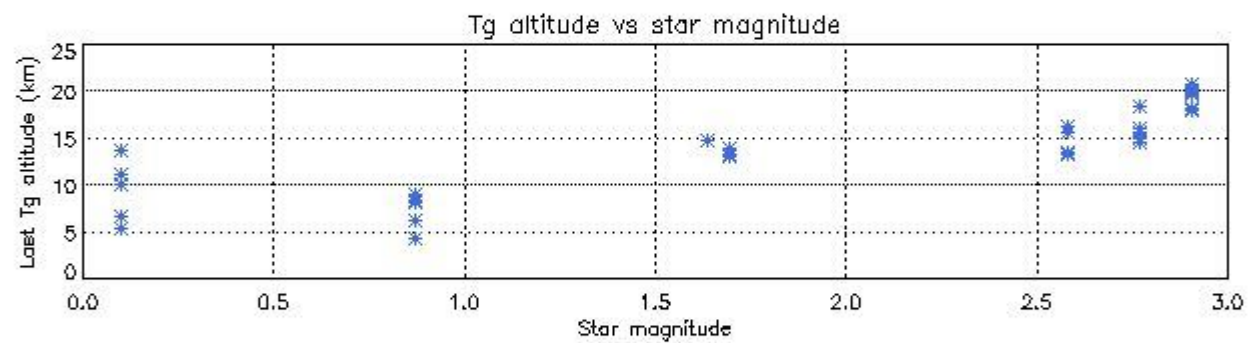
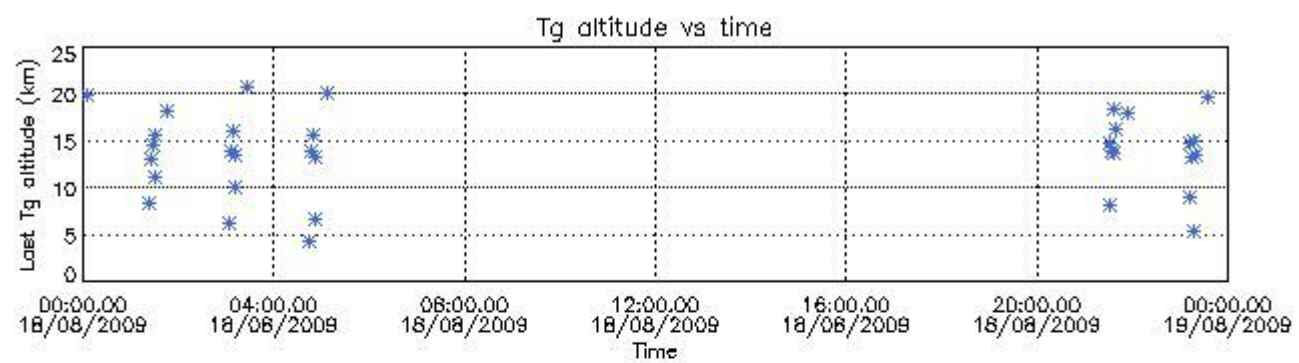
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.563	19.348	NaN
St. deviation:	4.3760	8.2213	NaN
Maximum:	20.674	48.153	NaN
Minimum:	4.3701	3.5452	NaN
Number of data:	33.000	50.000	NaN

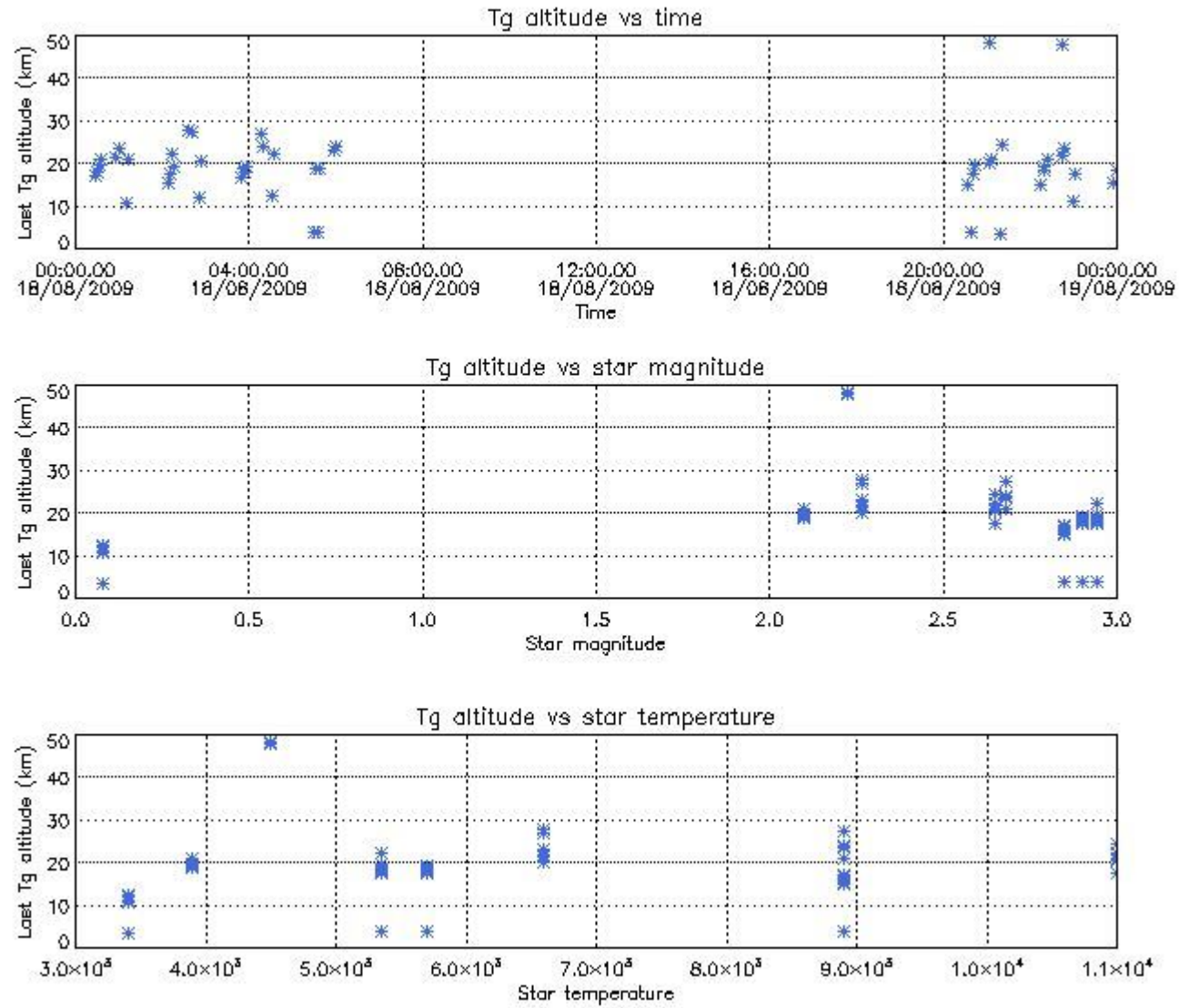
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

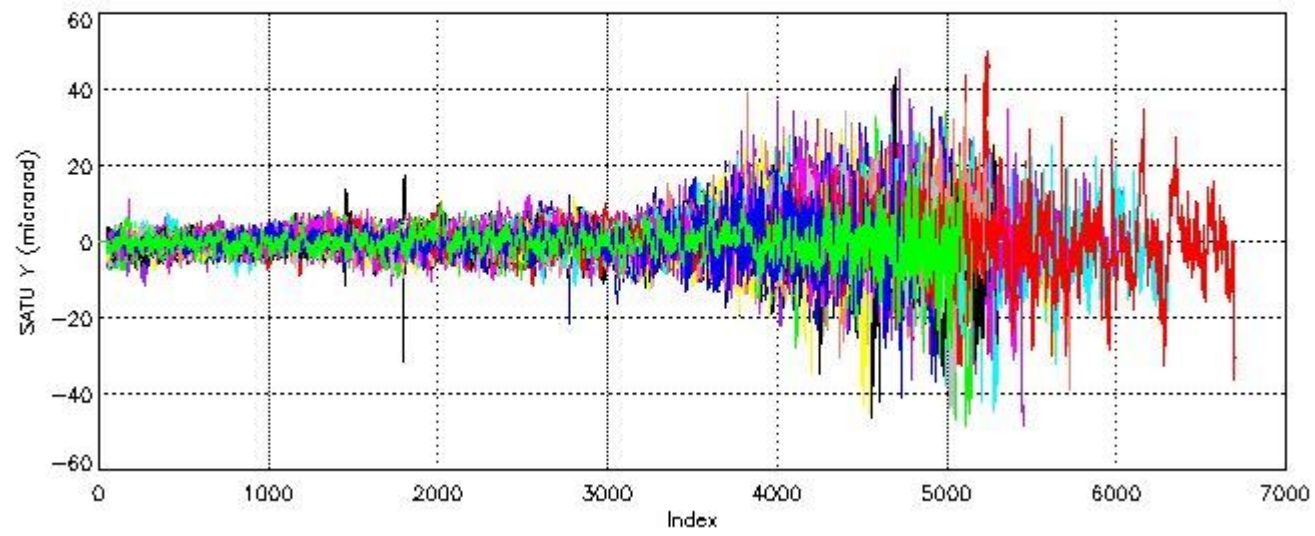
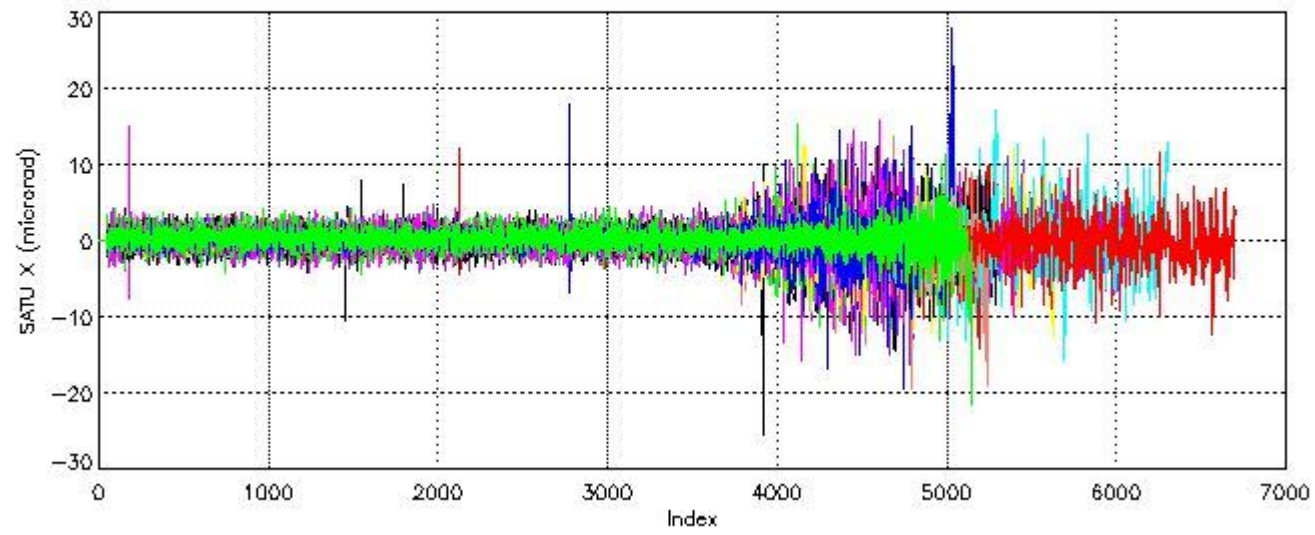


7. Star Acquisition and Tracking Unit (SATU)

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:	0.25073	-0.65090	0.32119	-0.64445
St. deviation:	0.62329	1.5820	0.79024	1.7546
Maximum:	15.000	10.900	4.7000	7.7000
Minimum:	-7.7000	-11.500	-4.0000	-9.2000

Number of data:	36350.	36350.	51400.	51400.
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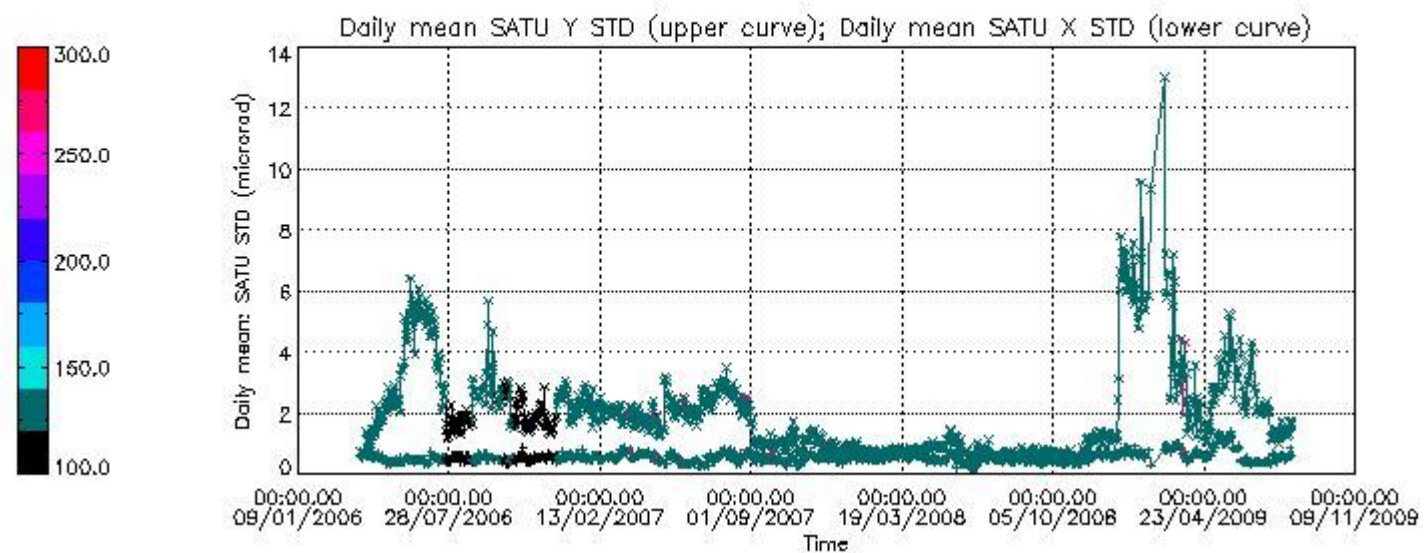
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

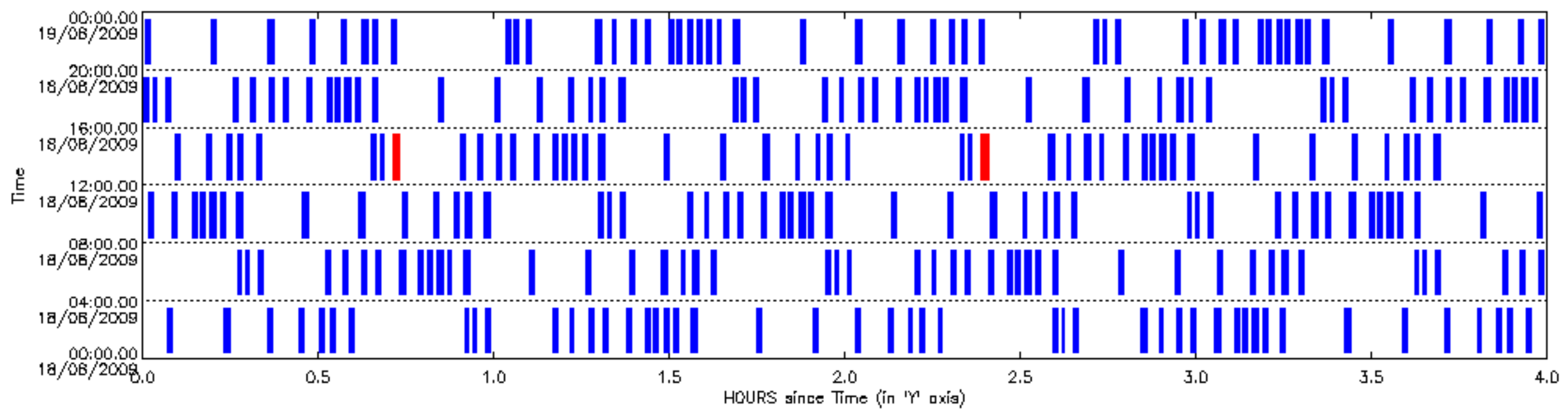
Lower curve: STD of SATU X axis

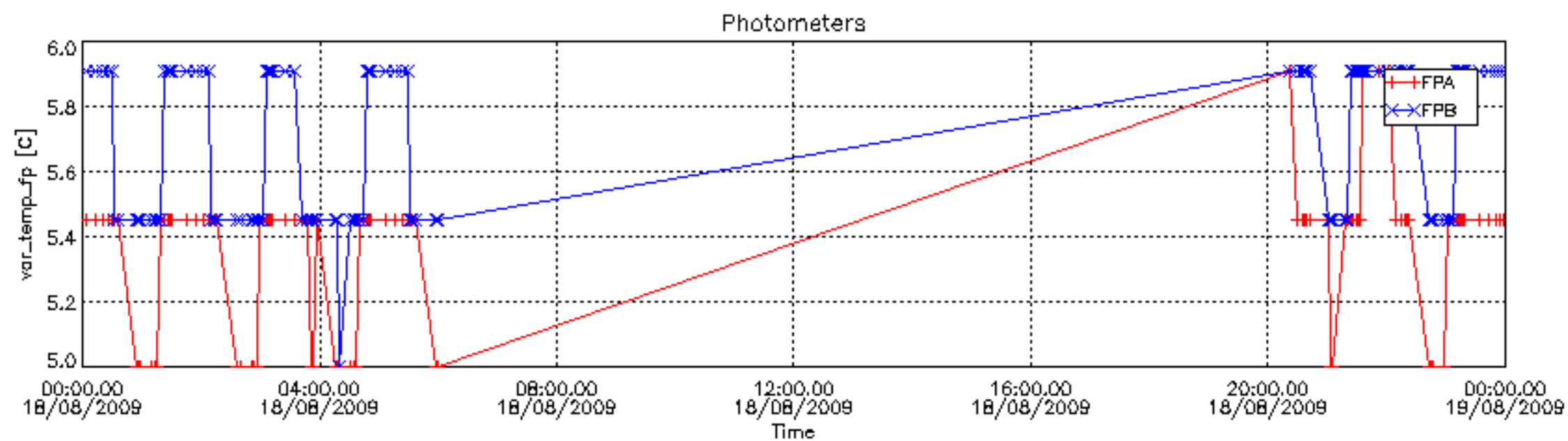
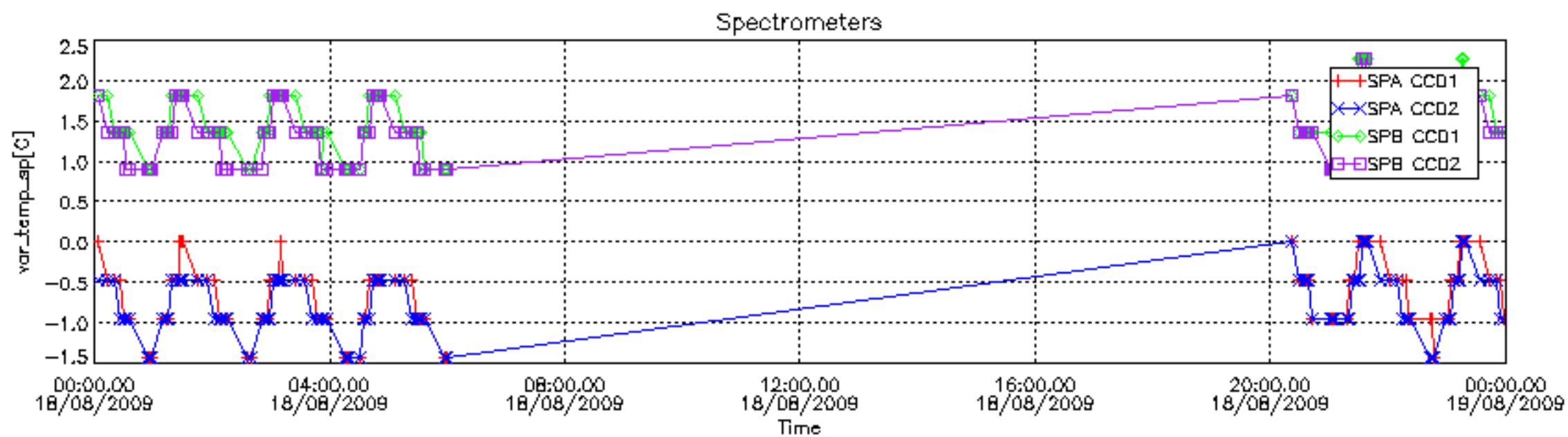


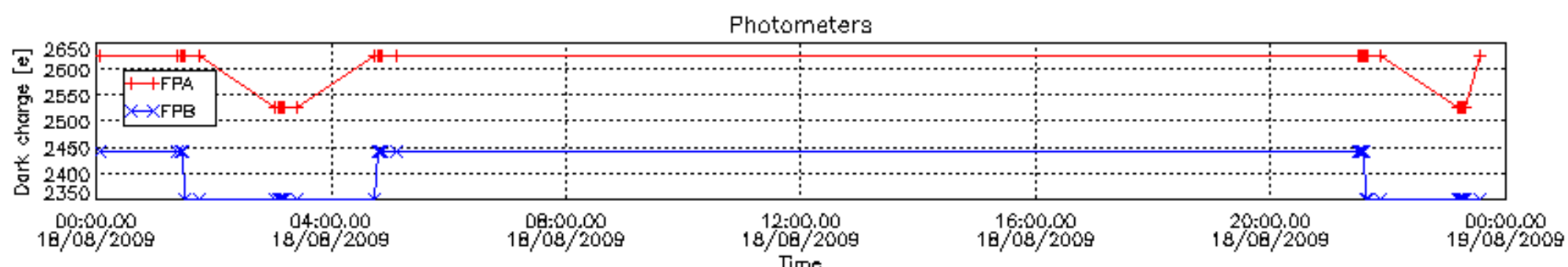
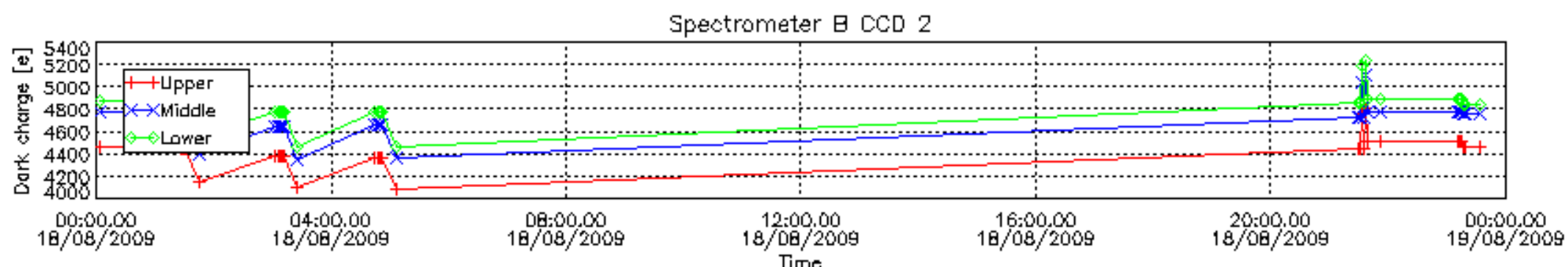
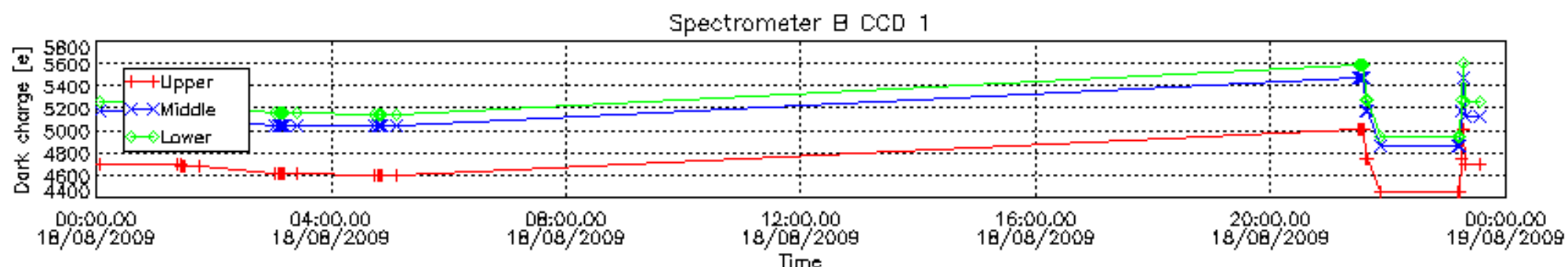
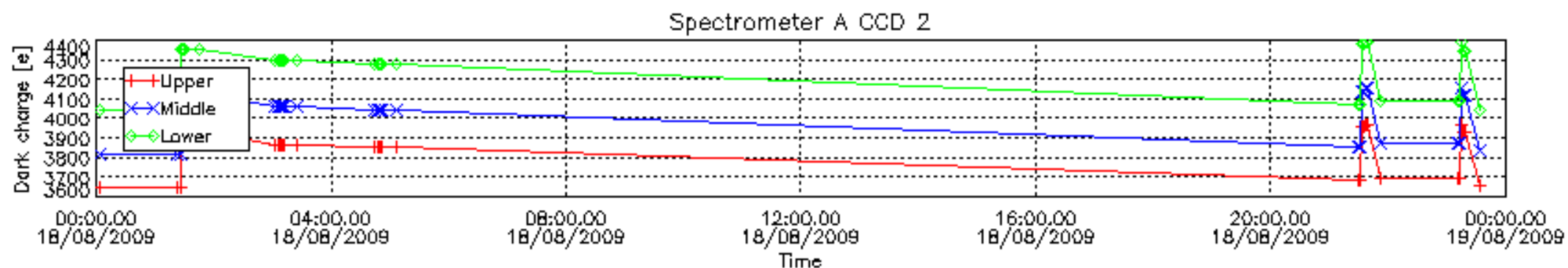
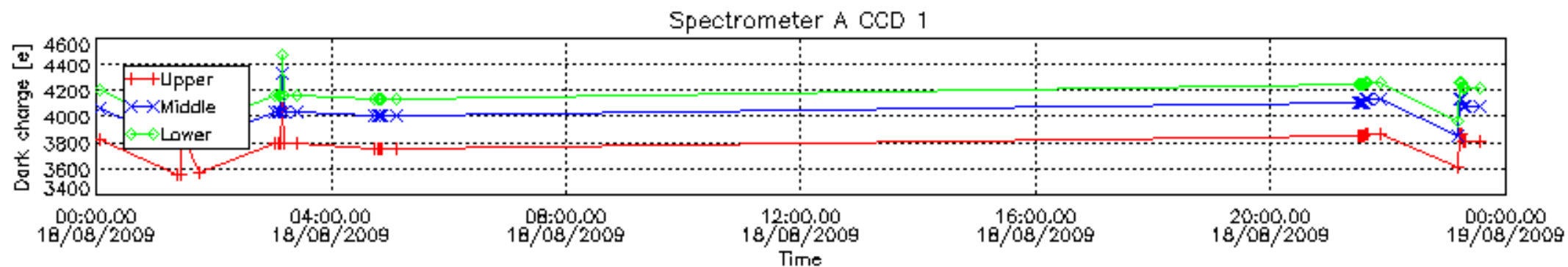
8. Auxiliary Data Files used for the production reported in section 2.4

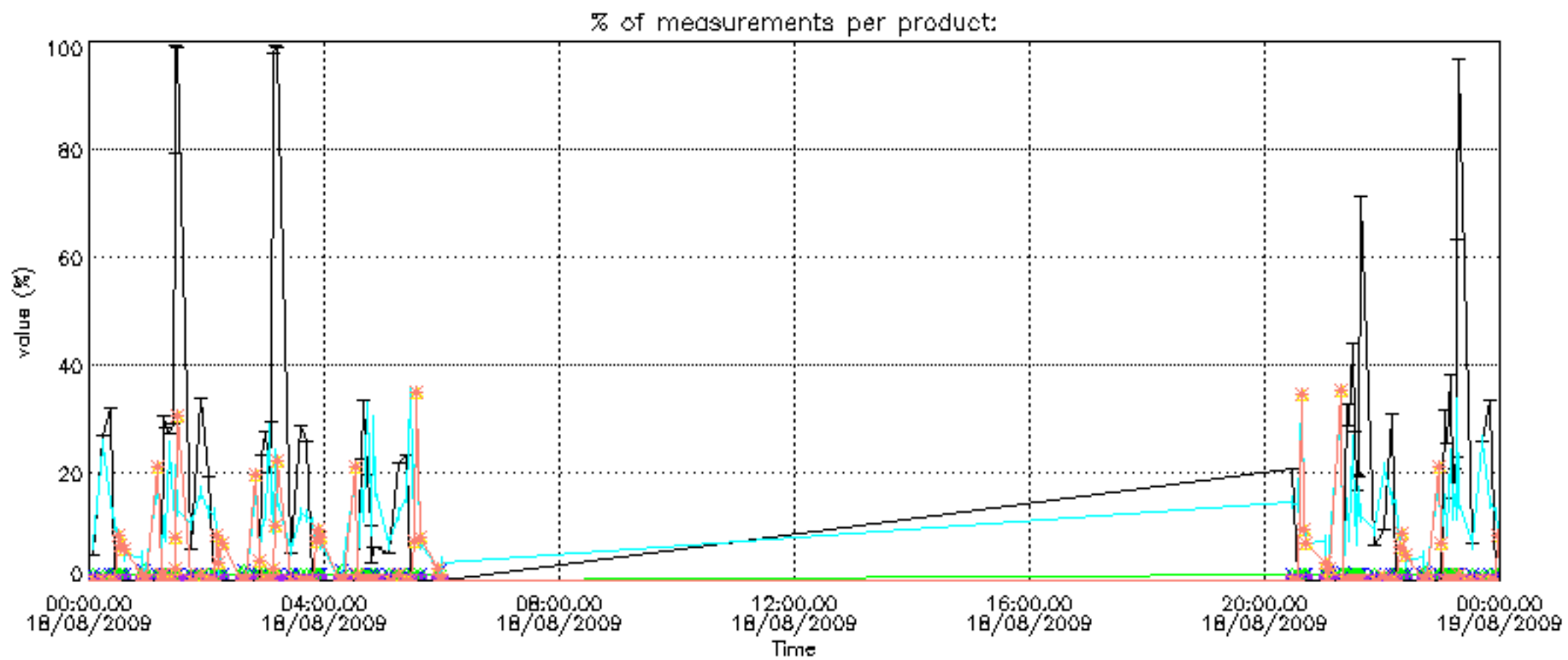
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	18-AUG-2009 00:04:15
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090811_154222_20090809_000000_20100101_000000	1	18-AUG-2009 00:04:15
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20090818_144743_20090816_000000_20100101_000000	68	18-AUG-2009 20:21:16
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	18-AUG-2009 00:04:15
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	18-AUG-2009 00:04:15
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	18-AUG-2009 00:04:15
ECMWF_FILE	AUX_ECF_AXNECM20090817_062113_20090817_210000_20090818_090000	1	18-AUG-2009 00:04:15
ECMWF_FILE	AUX_ECF_AXNECM20090817_182112_20090818_030000_20090818_150000	49	18-AUG-2009 04:31:15
ECMWF_FILE	AUX_ECF_AXNECM20090818_064112_20090818_150000_20090819_030000	68	18-AUG-2009 20:21:16
ECMWF_FILE	AUX_ECF_AXNECM20090818_064112_20090818_210000_20090819_090000	85	18-AUG-2009 21:36:20
OPTIONAL_ECMWF_FILE	MISSING	1	18-AUG-2009 00:04:15
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090817_220159_000060572081_00401_39032_8577.N1	1	18-AUG-2009 00:04:15
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090817_234256_000057382081_00402_39033_8578.N1	17	18-AUG-2009 01:27:19
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090818_012353_000044632081_00403_39034_8579.N1	30	18-AUG-2009 02:50:39
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090818_024335_000054192081_00404_39035_8580.N1	49	18-AUG-2009 04:31:15
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090818_202054_000041442081_00415_39046_8582.N1	68	18-AUG-2009 20:21:16
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20090818_212958_000060572081_00415_39046_8583.N1	105	18-AUG-2009 23:16:57

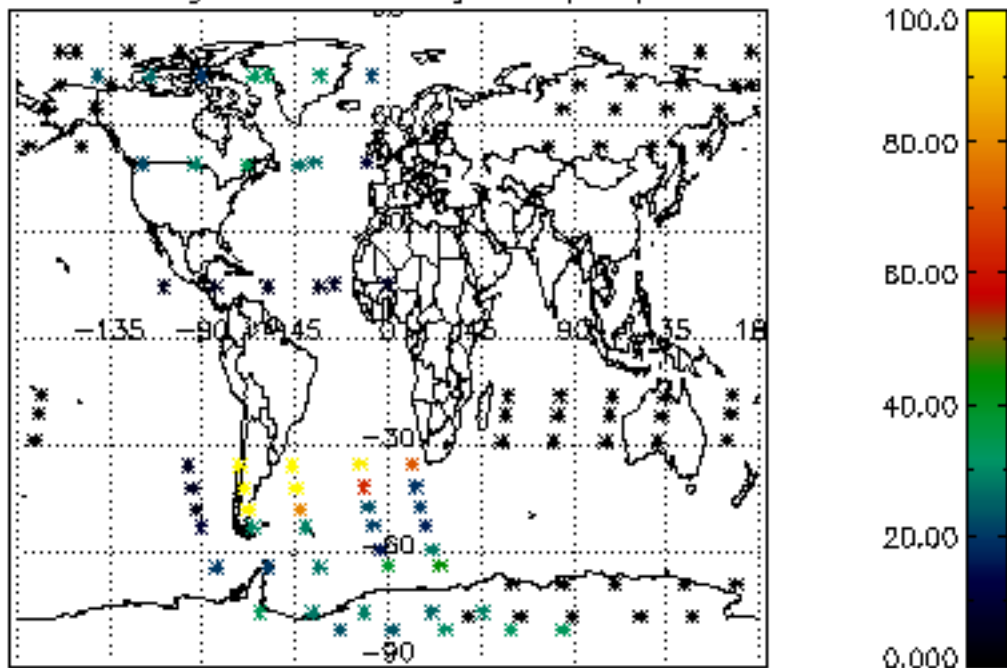




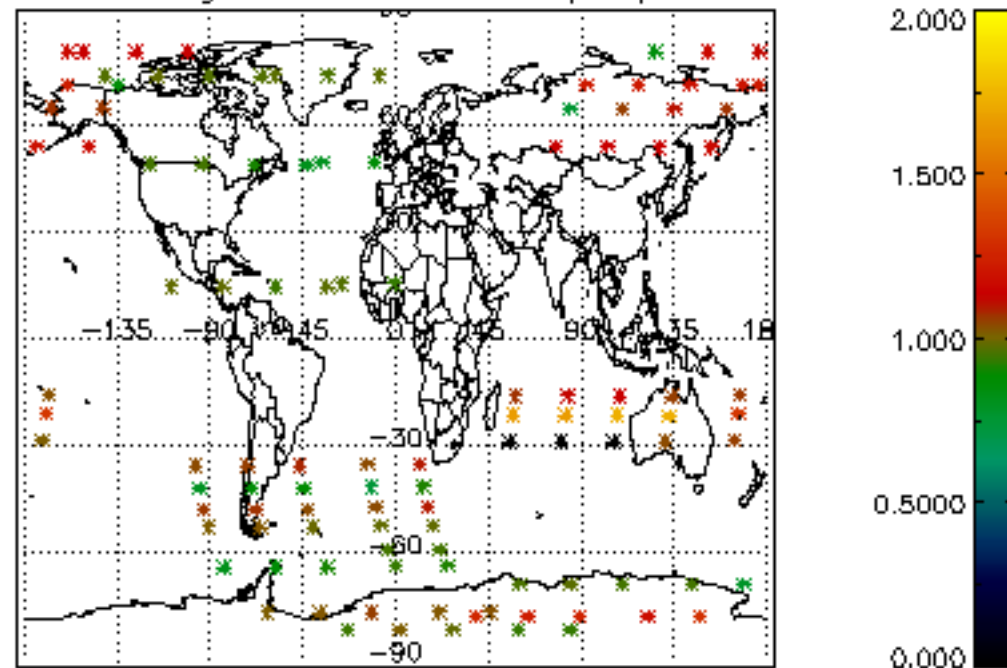




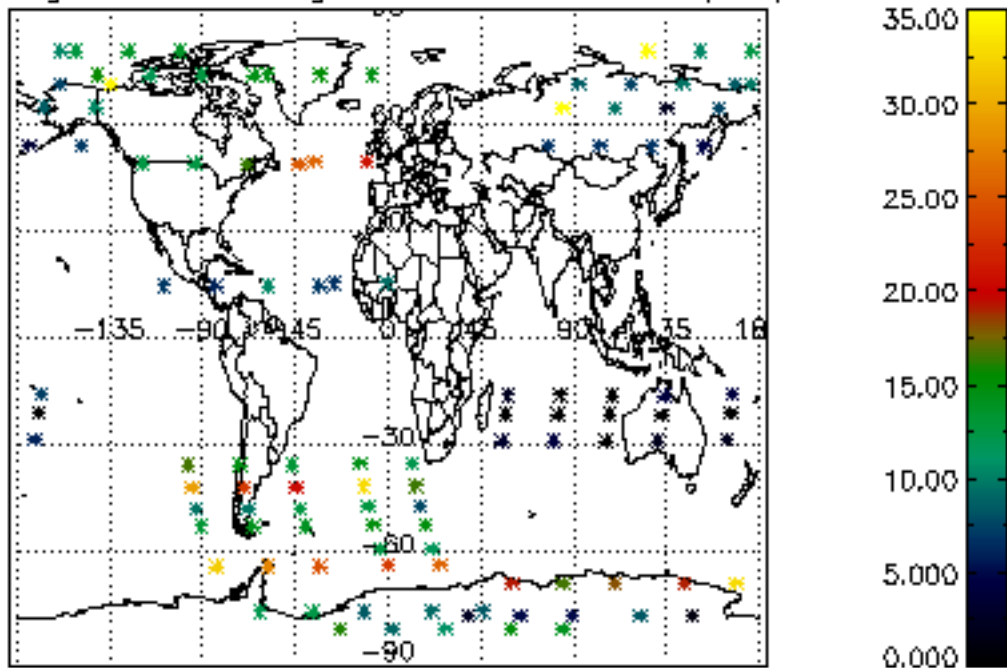
Percentage of cosmic ray hits per profile



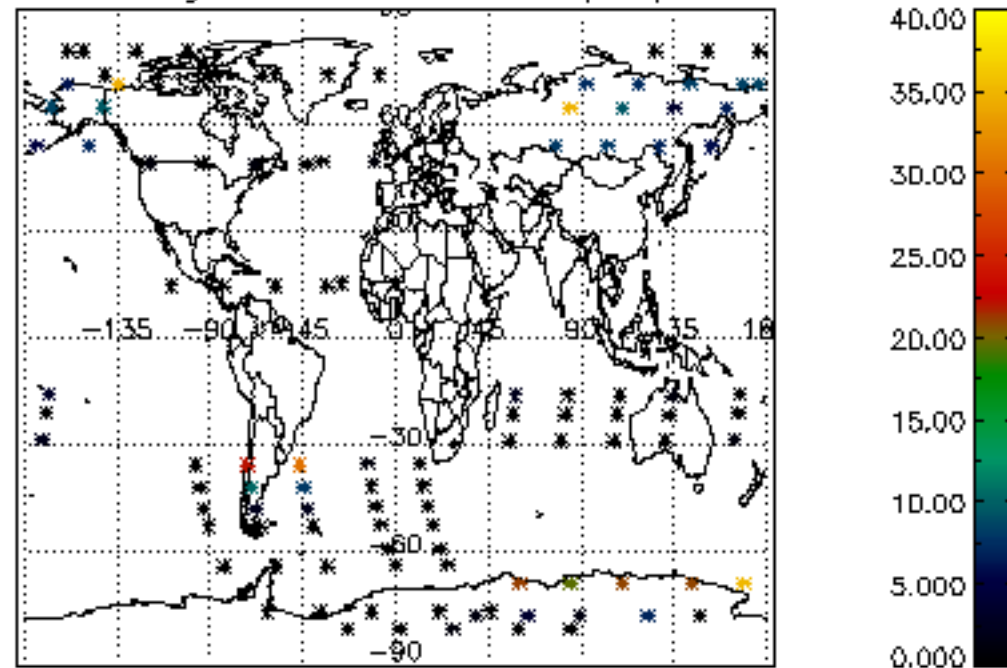
Percentage of datation errors per profile



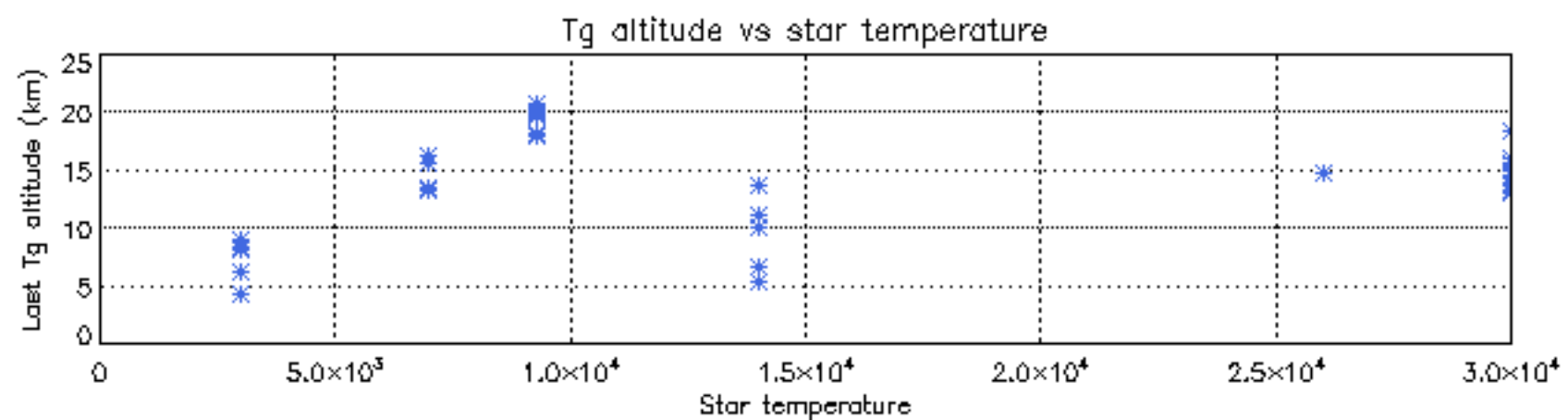
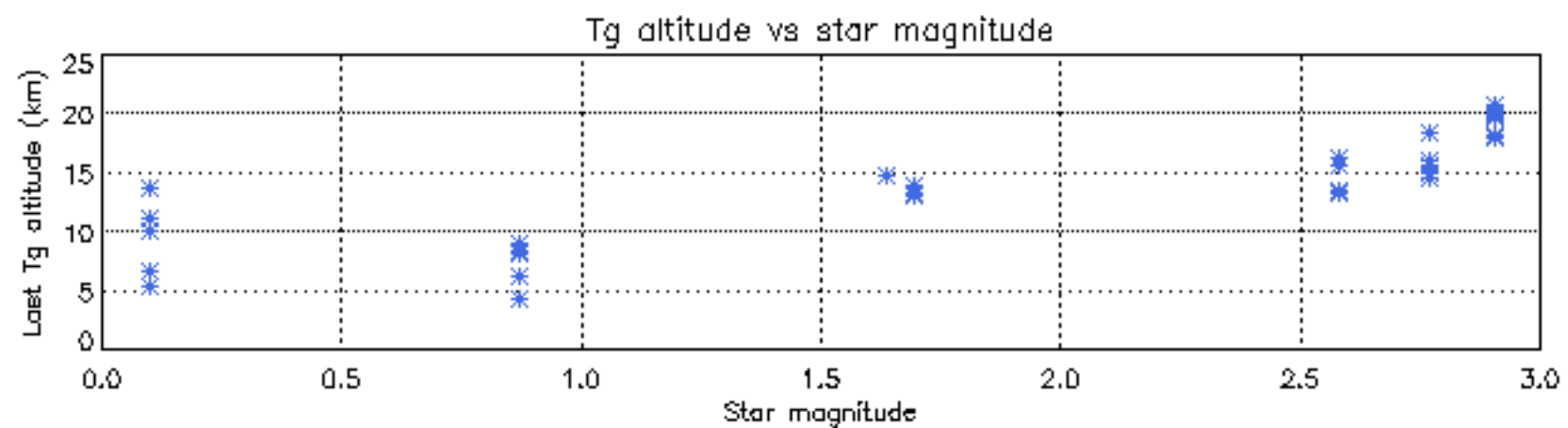
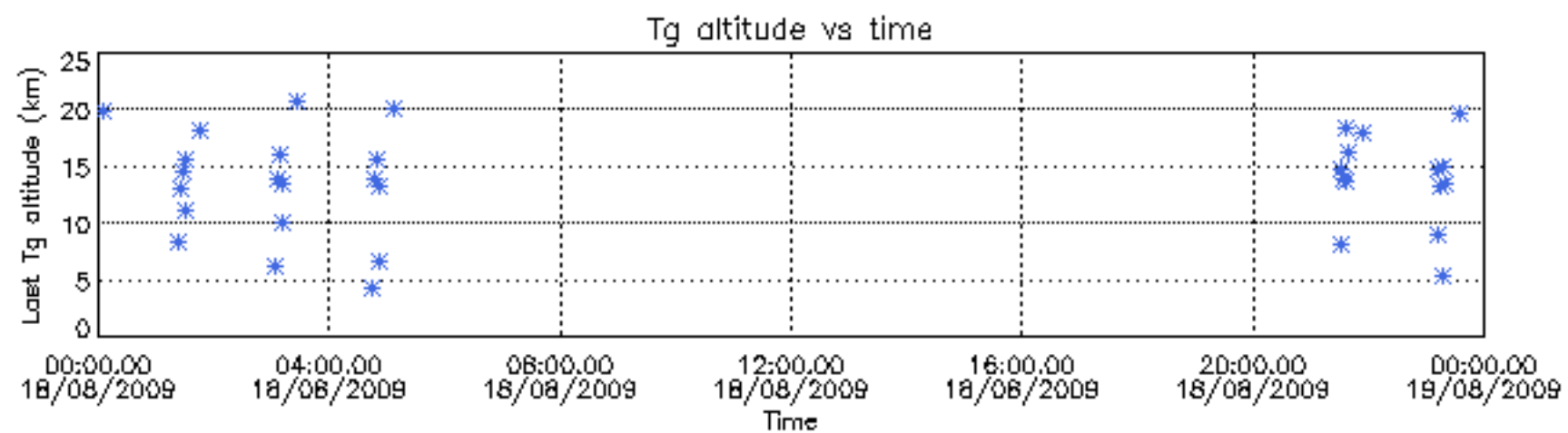
Percentage of star falling outside central band per profile



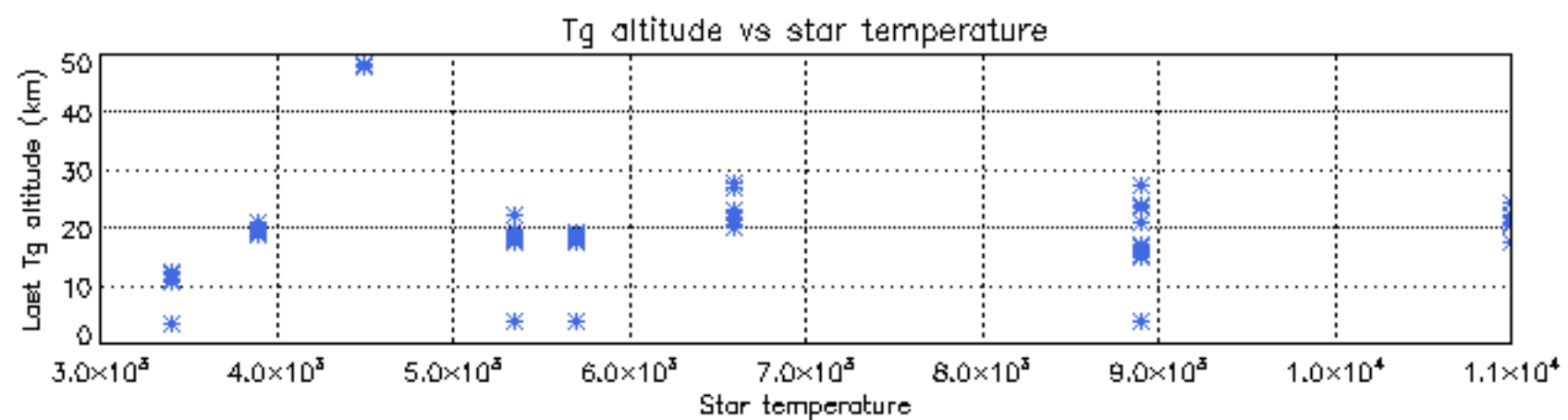
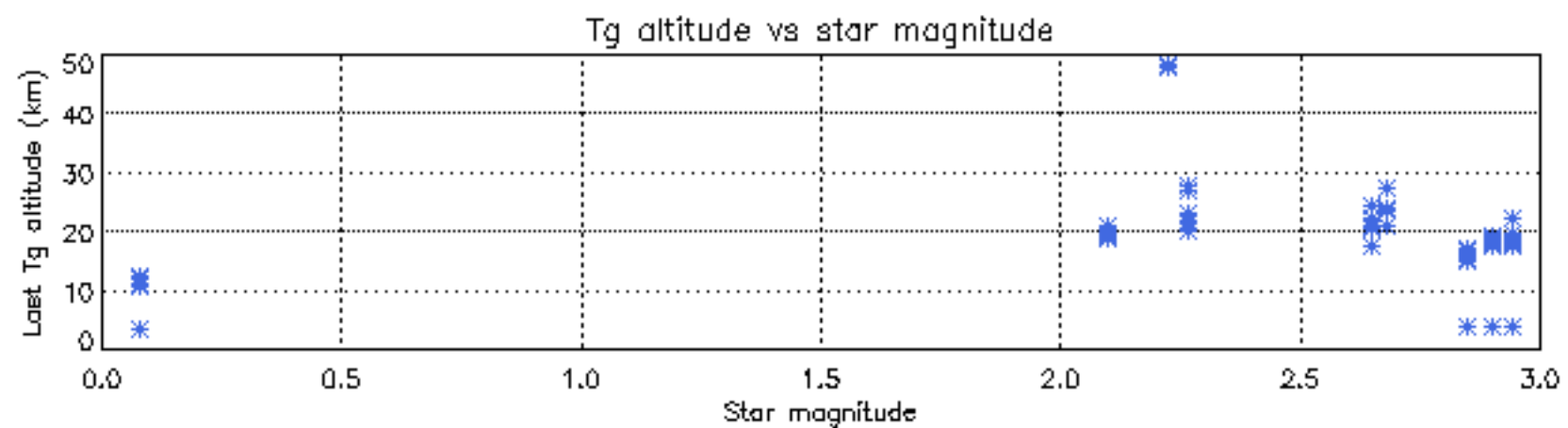
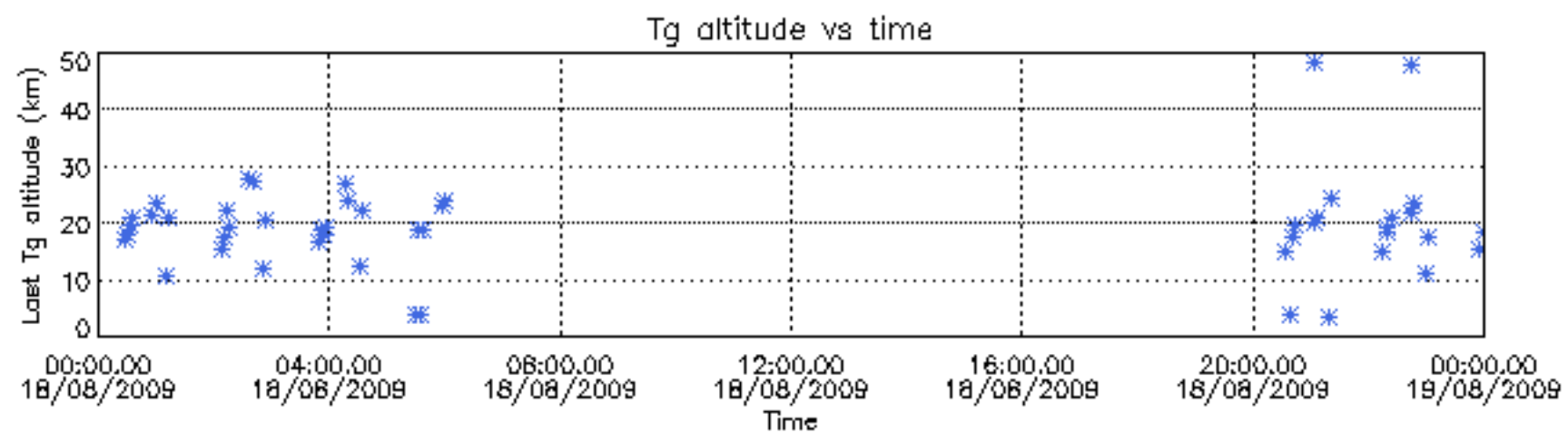
Percentage of saturation errors per profile

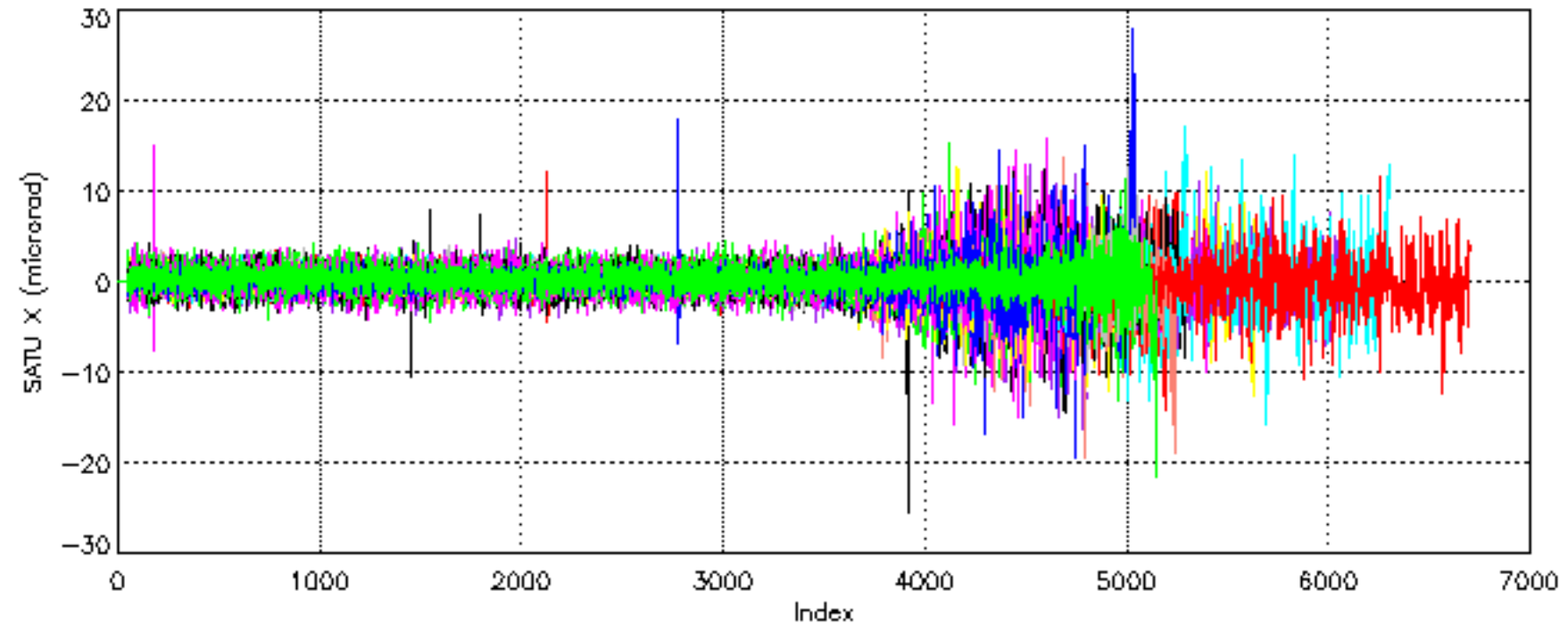


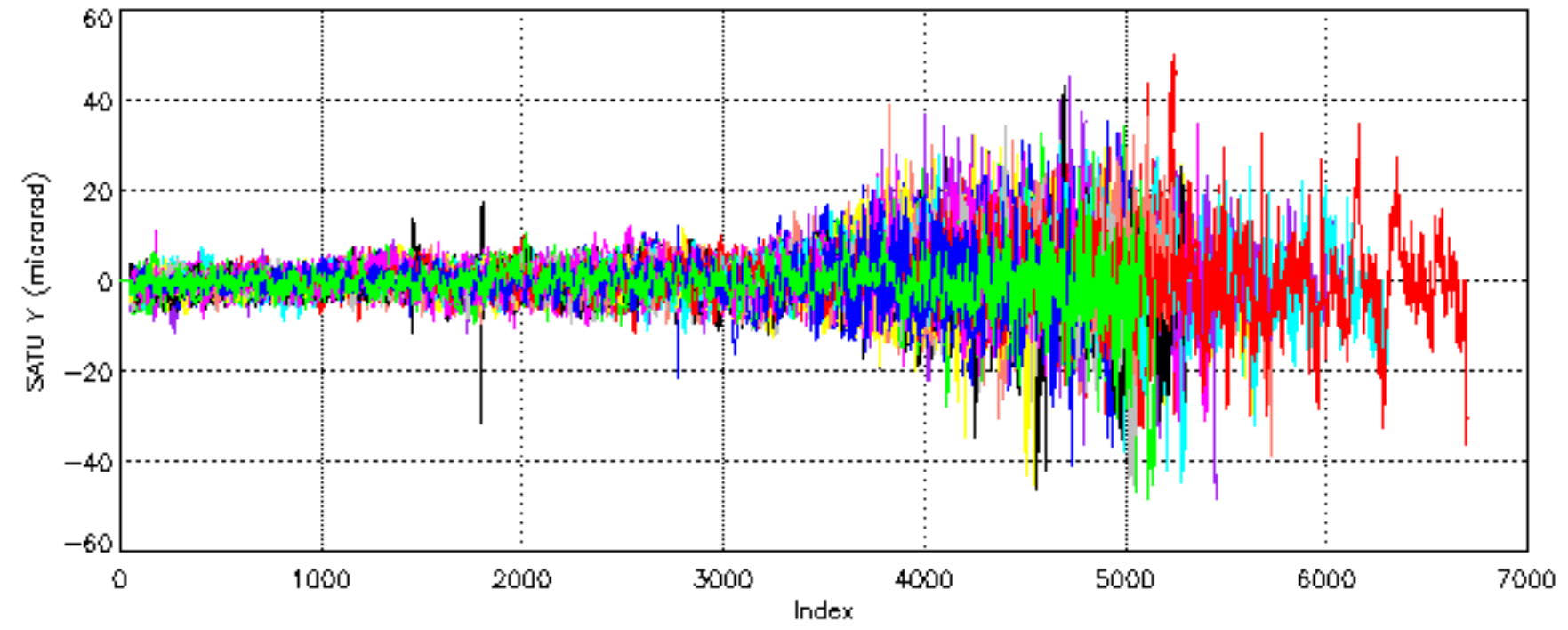
Tangent altitude at which the star is lost

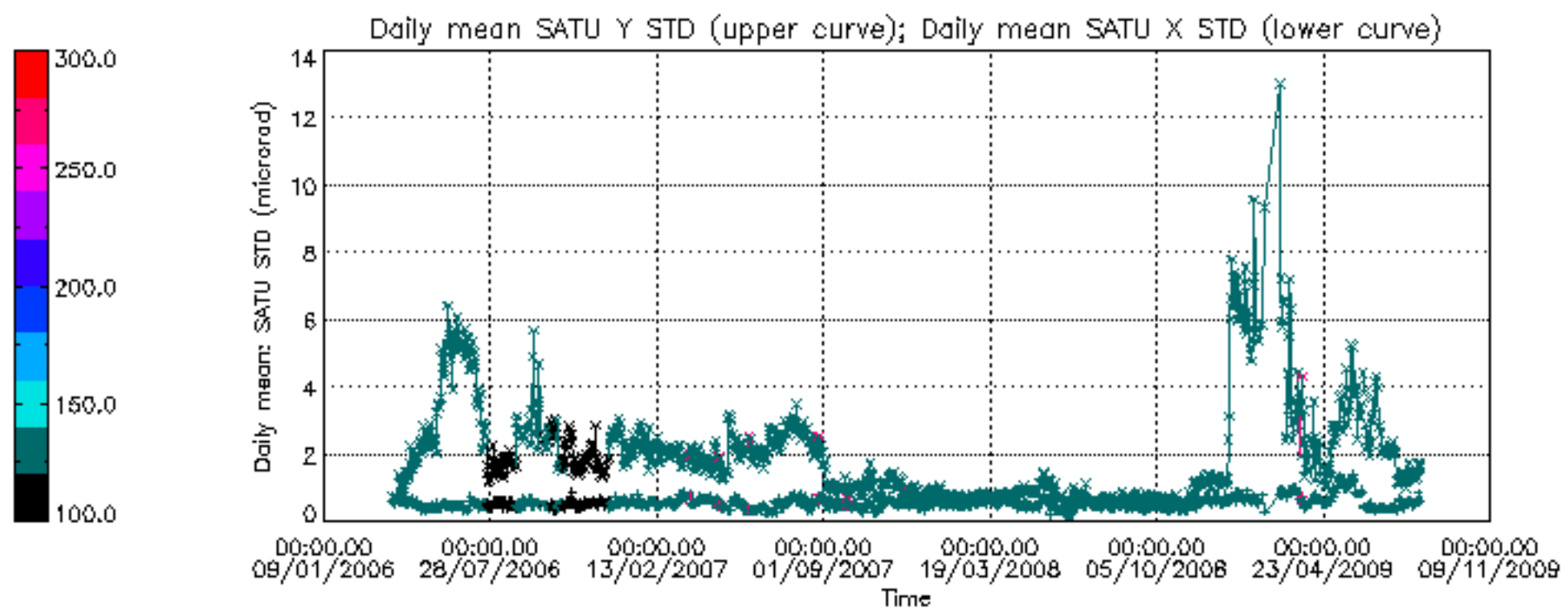


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20090801_002250_000055632081_00159_38790_8268.N1

1; -711.5; 01-AUG-2009 00:22:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 71;38790
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
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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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6; 1108.3; 01-AUG-2009 02:33:46; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;38792
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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
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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
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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
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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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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
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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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17; 3476.7; 01-AUG-2009 06:34:27; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38794
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 6; 3086.0; 01-AUG-2009 21:33:19; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38803
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 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
 5; 927.5; 01-AUG-2009 22:37:57; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;38804
 6; 1114.2; 01-AUG-2009 22:41:03; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;38804
 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
10; 2760.2; 01-AUG-2009 23:08:29; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 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
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16; 4314.9; 01-AUG-2009 23:34:24; Bright; 48.5; 149; 45Eps Per ; 2.89; 30000;occ; 97; 0;38804
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 4; 607.9; 02-AUG-2009 00:13:13; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38805
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 9; 2572.1; 02-AUG-2009 00:45:57; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;38805
10; 2759.8; 02-AUG-2009 00:49:05; Bright; 60.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 120; 0;38805
11; 3085.1; 02-AUG-2009 00:54:30; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38805
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4; 2724.0; 08-AUG-2009 11:03:35; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38897
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9; 4044.3; 08-AUG-2009 11:25:35; Bright; 51.0; 35; 33Alp Per ; 1.79; 6250;occ; 102; 0;38897
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12; 4532.6; 08-AUG-2009 11:33:43; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38897
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4; 2532.6; 08-AUG-2009 12:40:59; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38898
5; 2723.5; 08-AUG-2009 12:44:10; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;38898
6; 3049.4; 08-AUG-2009 12:49:36; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38898
7; 3392.4; 08-AUG-2009 12:55:19; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38898
8; 3520.5; 08-AUG-2009 12:57:27; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38898
9; 3934.6; 08-AUG-2009 13:04:21; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38898
10; 4043.9; 08-AUG-2009 13:06:10; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38898
11; 4200.0; 08-AUG-2009 13:08:46; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;38898
12; 4308.6; 08-AUG-2009 13:10:35; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38898
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22; 6947.5; 08-AUG-2009 13:54:34; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;38898
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3; 2158.9; 08-AUG-2009 14:15:21; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38899
4; 2532.3; 08-AUG-2009 14:21:35; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38899
5; 2723.3; 08-AUG-2009 14:24:46; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;38899
6; 3049.2; 08-AUG-2009 14:30:11; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38899
7; 3391.7; 08-AUG-2009 14:35:54; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;38899
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9; 3934.3; 08-AUG-2009 14:44:57; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;38899
10; 4043.8; 08-AUG-2009 14:46:46; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38899
11; 4200.1; 08-AUG-2009 14:49:22; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;38899
12; 4308.6; 08-AUG-2009 14:51:11; Bright; 51.5; 149; 45Eps Per ; 2.89; 30000;occ; 103; 0;38899
13; 4533.3; 08-AUG-2009 14:54:56; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38899
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15; 4838.4; 08-AUG-2009 15:00:01; Dark ; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;38899
16; 4952.2; 08-AUG-2009 15:01:54; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38899
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21; 6740.1; 08-AUG-2009 15:31:42; Dark ; 58.0; 84; Alp Phe ; 2.40; 4500;occ; 116; 0;38899
22; 6948.2; 08-AUG-2009 15:35:10; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;38899
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3; 2158.5; 08-AUG-2009 15:55:57; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;38900

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7; 3390.7; 08-AUG-2009 16:16:29; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38900
8; 3518.9; 08-AUG-2009 16:18:37; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38900
9; 3933.9; 08-AUG-2009 16:25:32; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38900
10; 4043.3; 08-AUG-2009 16:27:21; Bright; 58.0; 35; 33Alp Per ; 1.79; 6250;occ; 116; 0;38900
11; 4199.9; 08-AUG-2009 16:29:58; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;38900
12; 4308.5; 08-AUG-2009 16:31:47; Bright; 53.5; 149; 45Eps Per ; 2.89; 30000;occ; 107; 0;38900
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3; 1806.8; 08-AUG-2009 17:30:41; Bright; 66.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 132; 0;38901
4; 2157.9; 08-AUG-2009 17:36:32; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;38901
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6; 2722.6; 08-AUG-2009 17:45:57; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38901
7; 3048.7; 08-AUG-2009 17:51:23; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38901
8; 3390.1; 08-AUG-2009 17:57:04; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38901
9; 3518.0; 08-AUG-2009 17:59:12; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38901
10; 3933.4; 08-AUG-2009 18:06:08; Bright; 70.5; 160; 23Gam Per ; 2.93; 4700;occ; 141; 0;38901
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13; 4308.4; 08-AUG-2009 18:12:23; Bright; 56.0; 149; 45Eps Per ; 2.89; 30000;occ; 112; 0;38901
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5; 2531.5; 08-AUG-2009 19:23:22; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38902
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9; 3517.3; 08-AUG-2009 19:39:48; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38902
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12; 4199.8; 08-AUG-2009 19:51:10; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38902
13; 4308.3; 08-AUG-2009 19:52:58; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38902
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 9; 2155.4; 09-AUG-2009 01:59:29; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38906
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 3;-1836.1; 09-AUG-2009 02:33:34; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;38906
 4;-1728.1; 09-AUG-2009 02:35:22; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38906
 5;-1501.5; 09-AUG-2009 02:39:08; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;38906
 6;-1369.2; 09-AUG-2009 02:41:20; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38906
 7;-1194.0; 09-AUG-2009 02:44:16; Dark ; 70.5; 13; 87Alp Tau ; 0.87; 3800;occ; 141; 0;38906
 8;-1080.7; 09-AUG-2009 02:46:09; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38906
 9; -802.8; 09-AUG-2009 02:50:47; Dark ; 50.5; 7; 19Bet Ori ; 0.10; 14000;occ; 101; 0;38906
 10; -459.7; 09-AUG-2009 02:56:30; Dark ; 63.5; 165; 34Gam Eri ; 2.95; 3200;occ; 127; 0;38906
 11; -213.4; 09-AUG-2009 03:00:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38906
 12; 95.7; 09-AUG-2009 03:05:45; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38907
 13; 710.9; 09-AUG-2009 03:16:01; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;38907
 14; 915.9; 09-AUG-2009 03:19:26; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;38907
 15; 1204.7; 09-AUG-2009 03:24:14; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38907
 16; 1806.0; 09-AUG-2009 03:34:16; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;38907
 17; 2155.0; 09-AUG-2009 03:40:05; Bright; 52.5; 61; 8Eps Peg ; 2.10; 3900;occ; 105; 0;38907
 18; 2529.7; 09-AUG-2009 03:46:19; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38907
 19; 2721.0; 09-AUG-2009 03:49:31; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38907
 20; 3046.6; 09-AUG-2009 03:54:56; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;38907
 21; 3385.2; 09-AUG-2009 04:00:35; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38907
 22; 3513.8; 09-AUG-2009 04:02:44; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38907

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 2;-1995.3; 09-AUG-2009 04:11:30; Bright; 57.0; 35; 33Alp Per ; 1.79; 6250;occ; 114; 0;38907
 3;-1836.2; 09-AUG-2009 04:14:09; Bright; 46.5; 6; 13Alp Aur ; 0.08; 3400;occ; 93; 0;38907
 4;-1728.2; 09-AUG-2009 04:15:58; Bright; 52.0; 149; 45Eps Per ; 2.89; 30000;occ; 104; 0;38907
 5;-1501.2; 09-AUG-2009 04:19:44; Dark ; 46.0; 28; 12Bet Tau ; 1.65; 15200;occ; 92; 0;38907
 6;-1369.1; 09-AUG-2009 04:21:57; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;38907
 7;-1193.4; 09-AUG-2009 04:24:52; Dark ; 64.5; 13; 87Alp Tau ; 0.87; 3800;occ; 129; 0;38907
 8;-1080.3; 09-AUG-2009 04:26:45; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;38907
 9; -802.2; 09-AUG-2009 04:31:24; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;38907
 10; -458.4; 09-AUG-2009 04:37:07; Dark ; 65.0; 165; 34Gam Eri ; 2.95; 3200;occ; 130; 0;38907
 11; -212.5; 09-AUG-2009 04:41:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38907
 12; 96.7; 09-AUG-2009 04:46:22; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38908
 13; 711.7; 09-AUG-2009 04:56:37; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38908
 14; 916.4; 09-AUG-2009 05:00:02; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;38908
 15; 1205.0; 09-AUG-2009 05:04:51; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;38908
 16; 1581.4; 09-AUG-2009 05:11:07; Bright; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;38908
 17; 1806.0; 09-AUG-2009 05:14:52; Bright; 65.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 130; 0;38908
 18; 2154.4; 09-AUG-2009 05:20:40; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;38908
 19; 2529.2; 09-AUG-2009 05:26:55; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38908
 20; 2720.6; 09-AUG-2009 05:30:06; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;38908
 21; 3046.4; 09-AUG-2009 05:35:32; Bright; 57.0; 89; 5Alp Cep ; 2.45; 8000;occ; 114; 0;38908
 22; 3384.4; 09-AUG-2009 05:41:10; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38908
 23; 3513.0; 09-AUG-2009 05:43:19; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;38908

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 2;-1995.8; 09-AUG-2009 05:52:06; Bright; 51.5; 35; 33Alp Per ; 1.79; 6250;occ; 103; 0;38908
 3;-1836.2; 09-AUG-2009 05:54:45; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38908
 4;-1728.2; 09-AUG-2009 05:56:33; Bright; 54.5; 149; 45Eps Per ; 2.89; 30000;occ; 109; 0;38908


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7; -1193.0; 09-AUG-2009 06:05:29; Dark ; 67.5; 13; 87Alp Tau ; 0.87; 3800;occ; 135; 0;38908
8; -1079.8; 09-AUG-2009 06:07:22; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38908
9; -801.6; 09-AUG-2009 06:12:00; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 0;38908
10; -457.3; 09-AUG-2009 06:17:44; Dark ; 63.5; 165; 34Gam Eri ; 2.95; 3200;occ; 127; 0;38908
11; -211.7; 09-AUG-2009 06:21:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38908
12; 98.0; 09-AUG-2009 06:27:00; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38909
13; 712.9; 09-AUG-2009 06:37:15; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38909
14; 917.2; 09-AUG-2009 06:40:39; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;38909
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17; 1805.8; 09-AUG-2009 06:55:28; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38909
18; 2153.9; 09-AUG-2009 07:01:16; Bright; 51.5; 61; 8Eps Peg ; 2.10; 3900;occ; 103; 0;38909
19; 2529.0; 09-AUG-2009 07:07:31; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38909
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22; 3383.3; 09-AUG-2009 07:21:45; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38909
23; 3512.2; 09-AUG-2009 07:23:54; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38909
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3; 1805.1; 09-AUG-2009 20:20:14; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38917
4; 2149.9; 09-AUG-2009 20:25:59; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38917
5; 2526.2; 09-AUG-2009 20:32:15; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38917
6; 2717.5; 09-AUG-2009 20:35:27; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38917
7; 3043.1; 09-AUG-2009 20:40:52; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38917
8; 3377.0; 09-AUG-2009 20:46:26; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38917
9; 3506.1; 09-AUG-2009 20:48:35; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38917
10; 3925.6; 09-AUG-2009 20:55:35; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38917
11; 4036.5; 09-AUG-2009 20:57:26; Bright; 55.5; 35; 33Alp Per ; 1.79; 6250;occ; 111; 0;38917
12; 4199.3; 09-AUG-2009 21:00:08; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38917
13; 4306.7; 09-AUG-2009 21:01:56; Bright; 53.0; 149; 45Eps Per ; 2.89; 30000;occ; 106; 0;38917
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19; 5240.0; 09-AUG-2009 21:17:29; Dark ; 10.5; 7; 19Bet Ori ; 0.10; 14000;occ; 21; 0;38917
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4; 108.0; 09-AUG-2009 21:32:33; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38918
5; 721.3; 09-AUG-2009 21:42:46; Dark ; 63.5; 84; Alp Phe ; 2.40; 4500;occ; 127; 0;38918
6; 921.7; 09-AUG-2009 21:46:07; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;38918
7; 1210.3; 09-AUG-2009 21:50:55; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38918
8; 1582.4; 09-AUG-2009 21:57:07; Bright; 64.0; 142; 49Del Cap ; 2.85; 8900;occ; 128; 0;38918
9; 1805.1; 09-AUG-2009 22:00:50; Bright; 45.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 90; 0;38918
10; 2149.4; 09-AUG-2009 22:06:34; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38918
11; 2525.9; 09-AUG-2009 22:12:51; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;38918
12; 2717.4; 09-AUG-2009 22:16:02; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;38918
13; 3042.7; 09-AUG-2009 22:21:28; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38918
14; 3376.2; 09-AUG-2009 22:27:01; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38918
15; 3505.7; 09-AUG-2009 22:29:11; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;38918
16; 3925.0; 09-AUG-2009 22:36:10; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;38918
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18; 4199.2; 09-AUG-2009 22:40:44; Bright; 46.5; 6; 13Alp Aur ; 0.08; 3400;occ; 93; 0;38918
19; 4306.6; 09-AUG-2009 22:42:32; Bright; 55.0; 149; 45Eps Per ; 2.89; 30000;occ; 110; 0;38918
20; 4536.5; 09-AUG-2009 22:46:22; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38918
21; 4669.6; 09-AUG-2009 22:48:35; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38918
22; 4848.5; 09-AUG-2009 22:51:34; Dark ; 73.0; 13; 87Alp Tau ; 0.87; 3800;occ; 146; 0;38918
23; 4960.6; 09-AUG-2009 22:53:26; Dark ; 49.0; 27; 24Gam Ori ; 1.64; 26000;occ; 98; 0;38918
24; 5067.7; 09-AUG-2009 22:55:13; Dark ; 46.5; 72; 34Del Ori ; 2.25; 30000;occ; 93; 0;38918
25; 5240.5; 09-AUG-2009 22:58:06; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;38918
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 4; 722.2; 09-AUG-2009 23:23:23; Dark ; 63.5; 84; Alp Phe ; 2.40; 4500;occ; 127; 0;38919
 5; 922.0; 09-AUG-2009 23:26:43; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;38919
 6; 1210.8; 09-AUG-2009 23:31:32; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;38919
 7; 1582.5; 09-AUG-2009 23:37:43; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38919
 8; 1805.0; 09-AUG-2009 23:41:26; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38919
 9; 2148.7; 09-AUG-2009 23:47:10; Bright; 51.0; 61; 8Eps Peg ; 2.10; 3900;occ; 102; 0;38919
 10; 2525.6; 09-AUG-2009 23:53:26; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38919
 11; 2717.0; 09-AUG-2009 23:56:38; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;38919
 12; 3042.5; 10-AUG-2009 00:02:03; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38919
 13; 3375.3; 10-AUG-2009 00:07:36; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38919
 14; 3504.9; 10-AUG-2009 00:09:46; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38919
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 16; 4035.5; 10-AUG-2009 00:18:36; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38919
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 18; 4306.4; 10-AUG-2009 00:23:07; Bright; 54.5; 149; 45Eps Per ; 2.89; 30000;occ; 109; 0;38919
 19; 4536.7; 10-AUG-2009 00:26:58; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38919
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 22; 4961.1; 10-AUG-2009 00:34:02; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38919
 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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 5;-1500.9; 09-AUG-2009 07:40:57; Dark ; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;38909
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 7;-1192.4; 09-AUG-2009 07:46:05; Dark ; 69.0; 13; 87Alp Tau ; 0.87; 3800;occ; 138; 0;38909
 8;-1079.4; 09-AUG-2009 07:47:58; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;38909
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 13; 713.6; 09-AUG-2009 08:17:51; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38910
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 3; 2153.4; 09-AUG-2009 08:41:51; Bright; 51.5; 61; 8Eps Peg ; 2.10; 3900;occ; 103; 0;38910
 4; 2528.7; 09-AUG-2009 08:48:06; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38910
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 3; 1804.2; 10-AUG-2009 16:27:24; Bright; 64.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 128; 0;38929
 4; 1946.3; 10-AUG-2009 16:29:46; Bright; 25.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 50; 0;38929
 5; 2144.2; 10-AUG-2009 16:33:04; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38929
 6; 2522.5; 10-AUG-2009 16:39:23; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38929
 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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 12; 4031.6; 10-AUG-2009 17:04:32; Bright; 52.0; 35; 33Alp Per ; 1.79; 6250;occ; 104; 0;38929
 13; 4198.8; 10-AUG-2009 17:07:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38929
 14; 4305.5; 10-AUG-2009 17:09:06; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;38929
 15; 4538.6; 10-AUG-2009 17:12:59; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38929
 16; 4672.5; 10-AUG-2009 17:15:13; Dark ; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;38929
 17; 4854.6; 10-AUG-2009 17:18:15; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 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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 23; 6157.3; 10-AUG-2009 17:39:57; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38929
 24; 6768.5; 10-AUG-2009 17:50:09; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38929
 25; 6964.0; 10-AUG-2009 17:53:24; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 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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 6; 2522.1; 10-AUG-2009 18:19:58; Bright; 58.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 116; 0;38930
 7; 2713.7; 10-AUG-2009 18:23:10; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;38930
 8; 3038.9; 10-AUG-2009 18:28:35; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38930
 9; 3366.5; 10-AUG-2009 18:34:03; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38930
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 11; 3918.9; 10-AUG-2009 18:43:15; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;38930
 12; 4031.1; 10-AUG-2009 18:45:07; Bright; 54.5; 35; 33Alp Per ; 1.79; 6250;occ; 109; 0;38930
 13; 4198.6; 10-AUG-2009 18:47:55; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38930
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 16; 4672.8; 10-AUG-2009 18:55:49; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;38930
 17; 4855.2; 10-AUG-2009 18:58:51; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38930
 18; 4966.3; 10-AUG-2009 19:00:42; Dark ; 47.5; 27; 24Gam Ori ; 1.64; 26000;occ; 95; 0;38930
 19; 5073.9; 10-AUG-2009 19:02:30; Dark ; 43.0; 72; 34Del Ori ; 2.25; 30000;occ; 86; 0;38930
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 21; 5608.4; 10-AUG-2009 19:11:25; Dark ; 69.5; 165; 34Gam Eri ; 2.95; 3200;occ; 139; 0;38930
 22; 5843.3; 10-AUG-2009 19:15:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38930
 23; 6158.5; 10-AUG-2009 19:20:35; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38930
 24; 6769.3; 10-AUG-2009 19:30:45; Dark ; 64.5; 84; Alp Phe ; 2.40; 4500;occ; 129; 0;38930

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 3; 125.7; 11-AUG-2009 00:22:25; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38934
 4; 736.0; 11-AUG-2009 00:32:36; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38934
 5; 1218.1; 11-AUG-2009 00:40:38; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;38934
 6; 1584.0; 11-AUG-2009 00:46:44; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38934
 7; 1803.6; 11-AUG-2009 00:50:23; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38934
 8; 1944.2; 11-AUG-2009 00:52:44; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;38934
 9; 2141.7; 11-AUG-2009 00:56:01; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38934
 10; 2521.0; 11-AUG-2009 01:02:21; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38934
 11; 2712.6; 11-AUG-2009 01:05:32; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;38934
 12; 3037.3; 11-AUG-2009 01:10:57; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38934
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 18; 4539.2; 11-AUG-2009 01:35:59; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;38934
 19; 4673.9; 11-AUG-2009 01:38:14; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38934
 20; 4857.3; 11-AUG-2009 01:41:17; Dark ; 76.0; 13; 87Alp Tau ; 0.87; 3800;occ; 152; 0;38934
 21; 4968.1; 11-AUG-2009 01:43:08; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;38934
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5; 126.9; 11-AUG-2009 02:03:03; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38935
6; 737.1; 11-AUG-2009 02:13:13; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38935
7; 1218.7; 11-AUG-2009 02:21:14; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38935
8; 1584.2; 11-AUG-2009 02:27:20; Bright; 64.0; 142; 49Del Cap ; 2.85; 8900;occ; 128; 0;38935
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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
13; 2712.3; 11-AUG-2009 02:46:08; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 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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5; -1361.8; 11-AUG-2009 03:18:50; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38935
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11; -188.3; 11-AUG-2009 03:38:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38935
12; 128.0; 11-AUG-2009 03:43:40; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38936
13; 738.1; 11-AUG-2009 03:53:50; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;38936
14; 1219.3; 11-AUG-2009 04:01:51; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38936
15; 1584.4; 11-AUG-2009 04:07:56; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38936
16; 1803.6; 11-AUG-2009 04:11:35; Bright; 45.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 90; 0;38936
17; 1943.7; 11-AUG-2009 04:13:55; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38936
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16; 1803.6; 11-AUG-2009 05:52:11; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38937
17; 1943.4; 11-AUG-2009 05:54:31; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 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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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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12; 4024.1; 11-AUG-2009 21:34:35; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38946
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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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 2; -2007.8; 11-AUG-2009 06:29:16; Bright; 56.0; 35; 33Alp Per ; 1.79; 6250;occ; 112; 0;38937
 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
 11; -186.5; 11-AUG-2009 06:59:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38937
 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
 15; 1584.5; 11-AUG-2009 07:29:08; Bright; 63.5; 142; 49Del Cap ; 2.85; 8900;occ; 127; 0;38938

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 2; 1942.9; 11-AUG-2009 07:35:06; Bright; 53.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 106; 0;38938
 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
 14; 4859.8; 11-AUG-2009 08:23:43; Dark ; 76.0; 13; 87Alp Tau ; 0.87; 3800;occ; 152; 0;38938
 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
 17; 5253.5; 11-AUG-2009 08:30:17; Dark ; 52.0; 7; 19Bet Ori ; 0.10; 14000;occ; 104; 0;38938
 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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 3; 2139.6; 11-AUG-2009 09:18:59; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38939
 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
 6; 3036.1; 11-AUG-2009 09:33:56; Bright; 57.0; 89; 5Alp Cep ; 2.45; 8000;occ; 114; 0;38939
 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
 15; 4970.7; 11-AUG-2009 10:06:10; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38939
 16; 5086.5; 11-AUG-2009 10:08:06; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;38939
 17; 5254.1; 11-AUG-2009 10:10:54; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38939
 18; 5621.2; 11-AUG-2009 10:17:01; Dark ; 72.5; 165; 34Gam Eri ; 2.95; 3200;occ; 145; 0;38939
 19; 5851.1; 11-AUG-2009 10:20:51; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38939
 20; 6168.4; 11-AUG-2009 10:26:08; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38939
 21; 6777.5; 11-AUG-2009 10:36:17; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38939
 22; 7257.3; 11-AUG-2009 10:44:17; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38939
 23; 7620.5; 11-AUG-2009 10:50:20; Bright; 62.5; 142; 49Del Cap ; 2.85; 8900;occ; 125; 0;38939

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 2; 1942.4; 11-AUG-2009 10:56:18; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38940
 3; 2139.2; 11-AUG-2009 10:59:35; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;38940

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5; 2710.8; 11-AUG-2009 11:09:06; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38940
6; 3035.4; 11-AUG-2009 11:14:31; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;38940
7; 3358.5; 11-AUG-2009 11:19:54; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38940
8; 3489.3; 11-AUG-2009 11:22:05; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38940
9; 3913.7; 11-AUG-2009 11:29:09; Bright; 70.5; 160; 23Gam Per ; 2.93; 4700;occ; 141; 0;38940
10; 4026.9; 11-AUG-2009 11:31:02; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38940
11; 4100.5; 11-AUG-2009 11:32:16; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38940
12; 4540.6; 11-AUG-2009 11:39:36; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38940
13; 4675.3; 11-AUG-2009 11:41:51; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38940
14; 4860.8; 11-AUG-2009 11:44:56; Dark ; 76.5; 13; 87Alp Tau ; 0.87; 3800;occ; 153; 0;38940
15; 4971.2; 11-AUG-2009 11:46:47; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;38940
16; 5086.9; 11-AUG-2009 11:48:42; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;38940
17; 5254.8; 11-AUG-2009 11:51:30; Dark ; 50.0; 7; 19Bet Ori ; 0.10; 14000;occ; 100; 0;38940
18; 5622.6; 11-AUG-2009 11:57:38; Dark ; 66.5; 165; 34Gam Eri ; 2.95; 3200;occ; 133; 0;38940
19; 5852.0; 11-AUG-2009 12:01:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38940
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5; 2710.6; 11-AUG-2009 12:49:42; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38941
6; 3035.2; 11-AUG-2009 12:55:06; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38941
7; 3357.8; 11-AUG-2009 13:00:29; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38941
8; 3488.6; 11-AUG-2009 13:02:40; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38941
9; 3913.3; 11-AUG-2009 13:09:45; Bright; 58.5; 160; 23Gam Per ; 2.93; 4700;occ; 117; 0;38941
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11; 4100.2; 11-AUG-2009 13:12:51; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38941
12; 4540.7; 11-AUG-2009 13:20:12; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38941
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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16; 5087.5; 11-AUG-2009 13:29:19; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38941
17; 5255.5; 11-AUG-2009 13:32:07; Dark ; 55.0; 7; 19Bet Ori ; 0.10; 14000;occ; 110; 0;38941
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19; 5852.9; 11-AUG-2009 13:42:04; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38941
20; 6171.0; 11-AUG-2009 13:47:22; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38941
21; 6779.4; 11-AUG-2009 13:57:31; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38941
22; 7258.3; 11-AUG-2009 14:05:30; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;38941
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3; 1941.7; 11-AUG-2009 14:17:29; Bright; 53.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 107; 0;38942
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16; 1586.1; 12-AUG-2009 06:57:33; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38952
17; 1802.5; 12-AUG-2009 07:01:09; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;38952
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
20; 2515.8; 12-AUG-2009 07:13:02; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;38952
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22; 3032.0; 12-AUG-2009 07:21:39; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38952
23; 3349.0; 12-AUG-2009 07:26:56; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;38952
24; 3480.3; 12-AUG-2009 07:29:07; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38952
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2; 1587.0; 12-AUG-2009 20:22:21; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38960
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
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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
9; 2130.4; 12-AUG-2009 22:12:00; Bright; 68.0; 61; 8Eps Peg ; 2.10; 3900;occ; 136; 0;38961
10; 2513.4; 12-AUG-2009 22:18:23; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38961
11; 3029.2; 12-AUG-2009 22:26:59; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38961
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
17; 4544.4; 12-AUG-2009 22:52:14; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38961
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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3; 157.6; 12-AUG-2009 23:19:43; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38962
4; 761.6; 12-AUG-2009 23:29:47; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;38962
5; 1231.7; 12-AUG-2009 23:37:37; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38962
6; 1587.2; 12-AUG-2009 23:43:33; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38962
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
11; 3029.0; 13-AUG-2009 00:07:35; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38962
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
14; 3902.0; 13-AUG-2009 00:22:08; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38962
15; 4092.7; 13-AUG-2009 00:25:18; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38962
16; 4196.7; 13-AUG-2009 00:27:02; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;38962
17; 4544.7; 13-AUG-2009 00:32:50; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38962
18; 4681.7; 13-AUG-2009 00:35:07; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38962
19; 4874.3; 13-AUG-2009 00:38:20; Dark ; 79.0; 13; 87Alp Tau ; 0.87; 3800;occ; 158; 0;38962
20; 4982.3; 13-AUG-2009 00:40:08; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38962
21; 5098.4; 13-AUG-2009 00:42:04; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;38962
22; 5182.1; 13-AUG-2009 00:43:28; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38962
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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2;-2014.2; 12-AUG-2009 07:38:08; Bright; 29.0; 35; 33Alp Per ; 1.79; 6250;occ; 58; 0;38952
3;-1939.4; 12-AUG-2009 07:39:23; Bright; 76.0; 175; 39Del Per ; 3.01; 19400;occ; 152; 0;38952
4;-1493.2; 12-AUG-2009 07:46:49; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38952
5;-1357.0; 12-AUG-2009 07:49:05; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38952
6;-1167.7; 12-AUG-2009 07:52:15; Dark ; 65.5; 13; 87Alp Tau ; 0.87; 3800;occ; 131; 0;38952
7;-1058.7; 12-AUG-2009 07:54:04; Dark ; 44.0; 27; 24Gam Ori ; 1.64; 26000;occ; 88; 0;38952
8; -942.7; 12-AUG-2009 07:56:00; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38952
9; -859.2; 12-AUG-2009 07:57:23; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38952
10; -773.0; 12-AUG-2009 07:58:49; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;38952
11; -395.7; 12-AUG-2009 08:05:07; Dark ; 49.0; 165; 34Gam Eri ; 2.95; 3200;occ; 98; 0;38952
12; -173.1; 12-AUG-2009 08:08:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38952
13; 147.3; 12-AUG-2009 08:14:10; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38953
14; 753.5; 12-AUG-2009 08:24:16; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38953
15; 1227.7; 12-AUG-2009 08:32:10; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38953
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3; 2133.6; 12-AUG-2009 08:47:16; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38953
4; 2515.6; 12-AUG-2009 08:53:38; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;38953
5; 2707.6; 12-AUG-2009 08:56:50; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38953
6; 3031.6; 12-AUG-2009 09:02:14; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38953
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8; 3479.6; 12-AUG-2009 09:09:42; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;38953
9; 3907.0; 12-AUG-2009 09:16:49; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38953
10; 4021.3; 12-AUG-2009 09:18:44; Bright; 29.0; 35; 33Alp Per ; 1.79; 6250;occ; 58; 0;38953
11; 4096.2; 12-AUG-2009 09:19:59; Bright; 49.0; 175; 39Del Per ; 3.01; 19400;occ; 98; 0;38953
12; 4542.9; 12-AUG-2009 09:27:25; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38953
13; 4679.3; 12-AUG-2009 09:29:42; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38953
14; 4868.7; 12-AUG-2009 09:32:51; Dark ; 70.5; 13; 87Alp Tau ; 0.87; 3800;occ; 141; 0;38953
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16; 5093.7; 12-AUG-2009 09:36:36; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38953
17; 5177.0; 12-AUG-2009 09:38:00; Dark ; 42.0; 125; 44Iot Ori ; 2.77; 30000;occ; 84; 0;38953
18; 5263.5; 12-AUG-2009 09:39:26; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38953
19; 5641.7; 12-AUG-2009 09:45:44; Dark ; 49.0; 165; 34Gam Eri ; 2.95; 3200;occ; 98; 0;38953
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21; 6184.3; 12-AUG-2009 09:54:47; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38953
22; 6790.2; 12-AUG-2009 10:04:53; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;38953
23; 7264.1; 12-AUG-2009 10:12:47; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38953
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2; 1937.6; 12-AUG-2009 10:24:36; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38954
3; 2133.2; 12-AUG-2009 10:27:52; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38954


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7; 3347.3; 12-AUG-2009 10:48:06; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38954
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16; 5094.2; 12-AUG-2009 11:17:13; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;38954
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6; 2706.9; 12-AUG-2009 12:18:01; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38955
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13; 4543.2; 12-AUG-2009 12:48:37; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38955
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 6; 2510.3; 13-AUG-2009 20:06:07; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38974
 7; 3025.3; 13-AUG-2009 20:14:42; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38974
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 11; 4088.5; 13-AUG-2009 20:32:25; Bright; 39.0; 175; 39Del Per ; 3.01; 19400;occ; 78; 0;38974
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 11; 2124.7; 13-AUG-2009 21:40:18; Bright; 67.0; 61; 8Eps Peg ; 2.10; 3900;occ; 134; 0;38975
 12; 2509.9; 13-AUG-2009 21:46:43; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38975
 13; 3024.9; 13-AUG-2009 21:55:18; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38975
 14; 3330.6; 13-AUG-2009 22:00:23; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;38975
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 22; 4882.5; 13-AUG-2009 22:26:15; Dark ; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;38975
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7; 3335.3; 13-AUG-2009 11:56:53; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38969
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9; 3898.0; 13-AUG-2009 12:06:15; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38969
10; 4090.4; 13-AUG-2009 12:09:28; Bright; 53.0; 175; 39Del Per ; 3.01; 19400;occ; 106; 0;38969
11; 4196.4; 13-AUG-2009 12:11:14; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38969
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4; 2126.8; 13-AUG-2009 13:17:20; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;38970
5; 2511.0; 13-AUG-2009 13:23:44; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38970
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7; 3466.9; 13-AUG-2009 13:39:40; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38970
8; 3897.6; 13-AUG-2009 13:46:51; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38970
9; 4090.0; 13-AUG-2009 13:50:03; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38970
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11; 4364.2; 13-AUG-2009 13:54:37; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;38970
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13; 4683.9; 13-AUG-2009 13:59:57; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38970
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2; 1801.3; 13-AUG-2009 14:52:30; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38971
3; 1932.6; 13-AUG-2009 14:54:42; Bright; 50.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 100; 0;38971
4; 2126.5; 13-AUG-2009 14:57:55; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38971
5; 2511.0; 13-AUG-2009 15:04:20; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38971
6; 3026.2; 13-AUG-2009 15:12:55; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38971
7; 3334.0; 13-AUG-2009 15:18:03; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38971
8; 3466.2; 13-AUG-2009 15:20:15; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38971
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10; 4089.6; 13-AUG-2009 15:30:39; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38971
11; 4196.4; 13-AUG-2009 15:32:25; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;38971
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13; 4546.3; 13-AUG-2009 15:38:15; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;38971
14; 4684.3; 13-AUG-2009 15:40:33; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38971
15; 4880.2; 13-AUG-2009 15:43:49; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38971
16; 4987.3; 13-AUG-2009 15:45:36; Dark ; 52.5; 27; 24Gam Ori ; 1.64; 26000;occ; 105; 0;38971
17; 5103.3; 13-AUG-2009 15:47:32; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;38971
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2; 1588.0; 13-AUG-2009 16:29:33; Bright; 61.5; 142; 49Del Cap ; 2.85; 8900;occ; 123; 0;38972
3; 1801.3; 13-AUG-2009 16:33:06; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38972
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5; 2126.1; 13-AUG-2009 16:38:31; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38972
6; 2510.6; 13-AUG-2009 16:44:56; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38972
7; 3026.0; 13-AUG-2009 16:53:31; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38972
8; 3333.1; 13-AUG-2009 16:58:38; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38972
9; 3465.4; 13-AUG-2009 17:00:50; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;38972
10; 3896.5; 13-AUG-2009 17:08:01; Bright; 46.0; 160; 23Gam Per ; 2.93; 4700;occ; 92; 0;38972
11; 4089.4; 13-AUG-2009 17:11:14; Bright; 43.0; 175; 39Del Per ; 3.01; 19400;occ; 86; 0;38972
12; 4196.2; 13-AUG-2009 17:13:01; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;38972
13; 4364.6; 13-AUG-2009 17:15:50; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;38972
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17; 4987.8; 13-AUG-2009 17:26:13; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;38972
18; 5103.8; 13-AUG-2009 17:28:09; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;38972
19; 5188.1; 13-AUG-2009 17:29:33; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;38972
20; 5276.9; 13-AUG-2009 17:31:02; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;38972
21; 5881.3; 13-AUG-2009 17:41:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38972
22; 6206.1; 13-AUG-2009 17:46:31; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38972
23; 6807.7; 13-AUG-2009 17:56:33; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38972
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3; 1801.3; 13-AUG-2009 18:13:42; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38973
4; 1931.9; 13-AUG-2009 18:15:53; Bright; 72.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 144; 0;38973
5; 2125.8; 13-AUG-2009 18:19:07; Bright; 56.5; 61; 8Eps Peg ; 2.10; 3900;occ; 113; 0;38973
6; 2510.5; 13-AUG-2009 18:25:31; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38973
7; 3025.6; 13-AUG-2009 18:34:07; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38973
8; 3332.2; 13-AUG-2009 18:39:13; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38973
9; 3464.6; 13-AUG-2009 18:41:26; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38973
10; 3895.9; 13-AUG-2009 18:48:37; Bright; 46.0; 160; 23Gam Per ; 2.93; 4700;occ; 92; 0;38973
11; 4088.8; 13-AUG-2009 18:51:50; Bright; 43.0; 175; 39Del Per ; 3.01; 19400;occ; 86; 0;38973
12; 4196.2; 13-AUG-2009 18:53:37; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38973
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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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3; 774.7; 14-AUG-2009 00:38:59; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38977
4; 1238.7; 14-AUG-2009 00:46:43; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38977
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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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2; 777.7; 14-AUG-2009 05:40:50; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;38980
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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2; 1590.0; 14-AUG-2009 20:59:46; Bright; 40.5; 142; 49Del Cap ; 2.85; 8900;occ; 81; 0;38989
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
17; 5289.5; 14-AUG-2009 22:01:25; Dark ; 14.5; 7; 19Bet Ori ; 0.10; 14000;occ; 29; 0;38989
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3; -138.7; 14-AUG-2009 22:11:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38989
4; 189.7; 14-AUG-2009 22:17:01; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38990
5; 786.0; 14-AUG-2009 22:26:58; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38990
6; 1244.5; 14-AUG-2009 22:34:36; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38990
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
9; 1927.1; 14-AUG-2009 22:45:59; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38990
10; 2119.6; 14-AUG-2009 22:49:11; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;38990
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
16; 4549.7; 14-AUG-2009 23:29:41; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;38990
17; 4689.8; 14-AUG-2009 23:32:01; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38990
18; 4925.1; 14-AUG-2009 23:35:57; Dark ; 56.0; 14; 58Alp Ori ; 0.87; 3000;occ; 112; 0;38990
19; 5113.8; 14-AUG-2009 23:39:06; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;38990
20; 5198.5; 14-AUG-2009 23:40:30; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38990
21; 5290.2; 14-AUG-2009 23:42:02; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;38990
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3; 190.8; 14-AUG-2009 23:57:38; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38991
4; 786.7; 15-AUG-2009 00:07:34; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38991
5; 1245.0; 15-AUG-2009 00:15:13; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38991
6; 1589.9; 15-AUG-2009 00:20:58; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;38991
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
9; 2119.2; 15-AUG-2009 00:29:47; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;38991
10; 3020.7; 15-AUG-2009 00:44:48; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38991
11; 3318.1; 15-AUG-2009 00:49:46; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38991
12; 3450.9; 15-AUG-2009 00:51:58; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;38991
13; 4194.8; 15-AUG-2009 01:04:22; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38991
14; 4365.9; 15-AUG-2009 01:07:13; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;38991
15; 4550.1; 15-AUG-2009 01:10:18; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38991
16; 4689.9; 15-AUG-2009 01:12:38; Dark ; 47.5; 176; 23Zet Tau ; 3.02; 22000;occ; 95; 0;38991
17; 4925.4; 15-AUG-2009 01:16:33; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;38991
18; 5114.4; 15-AUG-2009 01:19:42; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;38991
19; 5199.1; 15-AUG-2009 01:21:07; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;38991
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4; -1670.8; 14-AUG-2009 06:40:38; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;38980

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9; -927.7; 14-AUG-2009 06:53:01; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;38980
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13; 179.3; 14-AUG-2009 07:11:28; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;38981
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3; 2123.0; 14-AUG-2009 07:43:51; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;38981
4; 2508.3; 14-AUG-2009 07:50:17; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38981
5; 3023.3; 14-AUG-2009 07:58:52; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38981
6; 3326.0; 14-AUG-2009 08:03:54; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;38981
7; 3458.7; 14-AUG-2009 08:06:07; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38981
8; 3891.4; 14-AUG-2009 08:13:20; Bright; 33.0; 160; 23Gam Per ; 2.93; 4700;occ; 66; 0;38981
9; 4086.0; 14-AUG-2009 08:16:34; Bright; 25.0; 175; 39Del Per ; 3.01; 19400;occ; 50; 0;38981
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9; 4195.5; 14-AUG-2009 09:59:00; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38982
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14; 5109.4; 14-AUG-2009 10:14:14; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;38982
15; 5193.9; 14-AUG-2009 10:15:38; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;38982
16; 5284.2; 14-AUG-2009 10:17:09; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;38982
17; 5890.5; 14-AUG-2009 10:27:15; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38982
18; 6217.6; 14-AUG-2009 10:32:42; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;38982
19; 6815.9; 14-AUG-2009 10:42:40; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38982
20; 7277.3; 14-AUG-2009 10:50:22; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;38982
21; 7625.4; 14-AUG-2009 10:56:10; Bright; 60.5; 142; 49Del Cap ; 2.85; 8900;occ; 121; 0;38982
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3; 1928.9; 14-AUG-2009 11:01:49; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38983
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5; 2507.9; 14-AUG-2009 11:11:28; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38983
6; 3022.7; 14-AUG-2009 11:20:03; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;38983
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8; 3890.1; 14-AUG-2009 11:34:30; Bright; 30.0; 160; 23Gam Per ; 2.93; 4700;occ; 60; 0;38983
9; 4195.4; 14-AUG-2009 11:39:36; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38983

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9; 1800.1; 15-AUG-2009 22:12:15; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;39004
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13; 4367.0; 16-AUG-2009 00:35:38; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39005
14; 4470.0; 16-AUG-2009 00:37:21; Dark ; 57.5; 114; 3Iot Aur ; 2.69; 4600;occ; 115; 0;39005
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5; 3447.4; 15-AUG-2009 09:14:55; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38996
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 4; 2116.6; 15-AUG-2009 13:54:31; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38999
 5; 3445.1; 15-AUG-2009 14:16:40; Bright; 72.0; 76; 27Gam Cas ; 2.30; 30000;occ; 144; 0;38999
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 4; 3290.8; 17-AUG-2009 11:30:16; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39026
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 17; 6853.0; 17-AUG-2009 12:29:38; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 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
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4; 2612.4; 20-AUG-2009 09:44:06; Bright; 28.0; 164; 44Eta Peg ; 2.95; 5400;occ; 56; 0;39068
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13;	5048.3;	20-AUG-2009	13:45:54;	Dark	;	53.5;	27;	24Gam Ori	;	1.64;	26000;occ;	107;	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
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7;	3256.0;	20-AUG-2009	16:37:14;	Bright;		48.0;	74;	11Bet Cas	;	2.27;	6600;occ;	96;	0;	39072
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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
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20;	6325.2;	20-AUG-2009	17:28:23;	Dark	;	52.0;	157;	The1Eri	;	2.91;	9300;occ;	104;	0;	39072
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7;	3255.2;	20-AUG-2009	18:17:49;	Bright;		46.5;	74;	11Bet Cas	;	2.27;	6600;occ;	93;	0;	39073
8;	3389.3;	20-AUG-2009	18:20:03;	Bright;		47.5;	76;	27Gam Cas	;	2.30;	30000;occ;	95;	0;	39073
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 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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4; 3225.3; 23-AUG-2009 15:01:52; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39114
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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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 2; 1900.8; 25-AUG-2009 16:57:45; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;39144
 3; 2083.7; 25-AUG-2009 17:00:48; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39144
 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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 2; 1900.6; 25-AUG-2009 18:38:21; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;39145
 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
 6; 3335.8; 25-AUG-2009 19:02:16; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39145
 7; 4175.2; 25-AUG-2009 19:16:15; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;39145
 8; 4375.5; 25-AUG-2009 19:19:36; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;39145

9; 4583.2; 25-AUG-2009 19:23:03; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39145
 10; 4760.8; 25-AUG-2009 19:26:01; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;39145
 11; 5004.3; 25-AUG-2009 19:30:04; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;39145
 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
 14; 5343.4; 25-AUG-2009 19:35:44; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39145
 15; 5438.4; 25-AUG-2009 19:37:19; Dark ; 66.0; 7; 19Bet Ori ; 0.10; 14000;occ; 132; 0;39145
 16; 5587.5; 25-AUG-2009 19:39:48; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;39145
 17; 5703.5; 25-AUG-2009 19:41:44; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39145
 18; 6414.6; 25-AUG-2009 19:53:35; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39145
 19; 6942.1; 25-AUG-2009 20:02:22; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;39145

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1; -754.6; 26-AUG-2009 00:36:29; Dark ; 57.5; 30; 46Eps Ori ; 1.69; 30000;occ; 115; 105;39148
 2; -689.9; 26-AUG-2009 00:37:34; Dark ; 51.0; 56; 53Kap Ori ; 2.07; 30000;occ; 102; 0;39148
 3; -594.0; 26-AUG-2009 00:39:10; Dark ; 68.0; 7; 19Bet Ori ; 0.10; 14000;occ; 136; 0;39148
 4; -445.5; 26-AUG-2009 00:41:38; Dark ; 49.5; 139; 9Bet Lep ; 2.83; 5600;occ; 99; 0;39148
 5; -329.5; 26-AUG-2009 00:43:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39148
 6; 382.5; 26-AUG-2009 00:55:26; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39149
 7; 908.0; 26-AUG-2009 01:04:12; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;39149
 8; 1304.2; 26-AUG-2009 01:10:48; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;39149
 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
 11; 2550.3; 26-AUG-2009 01:31:34; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39149
 12; 3200.4; 26-AUG-2009 01:42:24; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39149
 13; 3332.8; 26-AUG-2009 01:44:36; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39149
 14; 4174.6; 26-AUG-2009 01:58:38; Bright; 69.0; 6; 13Alp Aur ; 0.08; 3400;occ; 138; 0;39149
 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
 17; 4762.0; 26-AUG-2009 02:08:26; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;39149
 18; 5006.9; 26-AUG-2009 02:12:31; Dark ; 65.5; 14; 58Alp Ori ; 0.87; 3000;occ; 131; 0;39149

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1; -1019.0; 26-AUG-2009 02:12:41; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 20;39149
 2; -923.6; 26-AUG-2009 02:14:16; Dark ; 62.5; 27; 24Gam Ori ; 1.64; 26000;occ; 125; 0;39149
 3; -806.3; 26-AUG-2009 02:16:13; Dark ; 57.5; 30; 46Eps Ori ; 1.69; 30000;occ; 115; 0;39149
 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
 6; -444.4; 26-AUG-2009 02:22:15; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;39149
 7; -328.5; 26-AUG-2009 02:24:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39149
 8; 383.6; 26-AUG-2009 02:36:03; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39150
 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
 11; 1900.2; 26-AUG-2009 03:01:20; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39150
 12; 2083.0; 26-AUG-2009 03:04:22; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39150
 13; 2549.9; 26-AUG-2009 03:12:09; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39150
 14; 3199.6; 26-AUG-2009 03:22:59; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39150
 15; 3332.1; 26-AUG-2009 03:25:12; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39150

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1; -1861.5; 26-AUG-2009 03:39:14; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;39150
 2; -1660.4; 26-AUG-2009 03:42:35; Bright; 47.0; 107; 37The Aur ; 2.65; 11000;occ; 94; 0;39150
 3; -1451.6; 26-AUG-2009 03:46:04; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39150
 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
 8; -688.3; 26-AUG-2009 03:58:47; Dark ; 52.5; 56; 53Kap Ori ; 2.07; 30000;occ; 105; 0;39150
 9; -591.4; 26-AUG-2009 04:00:24; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39150
 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
 12; 384.9; 26-AUG-2009 04:16:40; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39151
 13; 909.5; 26-AUG-2009 04:25:25; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;39151
 14; 1304.9; 26-AUG-2009 04:32:00; Dark ; 46.5; 18; 24Alp PsA ; 1.17; 9700;occ; 93; 0;39151
 15; 1900.1; 26-AUG-2009 04:41:56; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39151
 16; 2082.8; 26-AUG-2009 04:44:58; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;39151
 17; 2549.1; 26-AUG-2009 04:52:45; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39151
 18; 3199.0; 26-AUG-2009 05:03:35; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;39151
 19; 3331.4; 26-AUG-2009 05:05:47; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39151

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3;-1451.3; 26-AUG-2009 05:26:40; Dark ; 60.0; 28; 12Bet Tau ; 1.65; 15200;occ; 120; 0;39151
4;-1273.4; 26-AUG-2009 05:29:38; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39151
5;-1027.8; 26-AUG-2009 05:33:44; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;39151
6; -921.9; 26-AUG-2009 05:35:30; Dark ; 65.0; 27; 24Gam Ori ; 1.64; 26000;occ; 130; 0;39151
7; -804.6; 26-AUG-2009 05:37:27; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;39151
8; -687.6; 26-AUG-2009 05:39:24; Dark ; 51.5; 56; 53Kap Ori ; 2.07; 30000;occ; 103; 0;39151
9; -590.2; 26-AUG-2009 05:41:01; Dark ; 69.0; 7; 19Bet Ori ; 0.10; 14000;occ; 138; 0;39151
10; -442.6; 26-AUG-2009 05:43:29; Dark ; 49.0; 139; 9Bet Lep ; 2.83; 5600;occ; 98; 0;39151
11; -326.5; 26-AUG-2009 05:45:25; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39151
12; 386.1; 26-AUG-2009 05:57:18; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39152
13; 910.3; 26-AUG-2009 06:06:02; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39152
14; 1305.3; 26-AUG-2009 06:12:37; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;39152
15; 1900.0; 26-AUG-2009 06:22:31; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;39152
16; 2082.7; 26-AUG-2009 06:25:34; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;39152
17; 2548.6; 26-AUG-2009 06:33:20; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39152
18; 3198.4; 26-AUG-2009 06:44:10; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39152
19; 3330.5; 26-AUG-2009 06:46:22; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39152
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2; 1308.0; 26-AUG-2009 21:18:03; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;39161
3; 1899.2; 26-AUG-2009 21:27:54; Bright; 59.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 118; 0;39161
4; 2081.3; 26-AUG-2009 21:30:56; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;39161
5; 2542.6; 26-AUG-2009 21:38:38; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;39161
6; 3192.1; 26-AUG-2009 21:49:27; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39161
7; 3323.8; 26-AUG-2009 21:51:39; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39161
8; 4172.0; 26-AUG-2009 22:05:47; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;39161
9; 4376.0; 26-AUG-2009 22:09:11; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39161
10; 4587.0; 26-AUG-2009 22:12:42; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39161
11; 4765.7; 26-AUG-2009 22:15:41; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;39161
12; 5014.5; 26-AUG-2009 22:19:49; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;39161
13; 5123.5; 26-AUG-2009 22:21:38; Dark ; 63.5; 27; 24Gam Ori ; 1.64; 26000;occ; 127; 0;39161
14; 5240.6; 26-AUG-2009 22:23:35; Dark ; 35.0; 30; 46Eps Ori ; 1.69; 30000;occ; 70; 0;39161
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3; -578.2; 26-AUG-2009 22:27:13; Dark ; 73.5; 7; 19Bet Ori ; 0.10; 14000;occ; 147; 0;39161
4; -432.5; 26-AUG-2009 22:29:38; Dark ; 54.0; 139; 9Bet Lep ; 2.83; 5600;occ; 108; 0;39161
5; -316.6; 26-AUG-2009 22:31:34; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39161
6; 398.3; 26-AUG-2009 22:43:29; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39162
7; 916.8; 26-AUG-2009 22:52:08; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39162
8; 1308.4; 26-AUG-2009 22:58:39; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39162
9; 1898.9; 26-AUG-2009 23:08:30; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;39162
10; 2081.3; 26-AUG-2009 23:11:32; Bright; 56.0; 61; 8Eps Peg ; 2.10; 3900;occ; 112; 0;39162
11; 2542.0; 26-AUG-2009 23:19:13; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39162
12; 3191.4; 26-AUG-2009 23:30:02; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39162
13; 3323.1; 26-AUG-2009 23:32:14; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39162
14; 4171.9; 26-AUG-2009 23:46:23; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;39162
15; 4376.2; 26-AUG-2009 23:49:47; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;39162
16; 4587.2; 26-AUG-2009 23:53:18; Dark ; 61.0; 28; 12Bet Tau ; 1.65; 15200;occ; 122; 0;39162
17; 4766.1; 26-AUG-2009 23:56:17; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;39162
18; 5015.2; 27-AUG-2009 00:00:26; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39162
19; 5124.5; 27-AUG-2009 00:02:15; Dark ; 64.5; 27; 24Gam Ori ; 1.64; 26000;occ; 129; 0;39162
20; 5241.7; 27-AUG-2009 00:04:12; Dark ; 57.5; 30; 46Eps Ori ; 1.69; 30000;occ; 115; 0;39162
21; 5357.9; 27-AUG-2009 00:06:09; Dark ; 25.5; 56; 53Kap Ori ; 2.07; 30000;occ; 51; 0;39162
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6; -920.8; 26-AUG-2009 07:16:07; Dark ; 59.5; 27; 24Gam Ori ; 1.64; 26000;occ; 119; 0;39152
7; -803.5; 26-AUG-2009 07:18:04; Dark ; 59.5; 30; 46Eps Ori ; 1.69; 30000;occ; 119; 0;39152
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3; 2547.8; 26-AUG-2009 08:13:55; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;39153
4; 3197.8; 26-AUG-2009 08:24:45; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39153
5; 3329.9; 26-AUG-2009 08:26:57; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39153
6; 4173.7; 26-AUG-2009 08:41:01; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;39153
7; 4375.6; 26-AUG-2009 08:44:23; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39153
8; 4585.1; 26-AUG-2009 08:47:53; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39153
9; 4763.2; 26-AUG-2009 08:50:51; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39153
10; 5009.3; 26-AUG-2009 08:54:57; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;39153
11; 5116.1; 26-AUG-2009 08:56:44; Dark ; 63.0; 27; 24Gam Ori ; 1.64; 26000;occ; 126; 0;39153
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13; 5350.1; 26-AUG-2009 09:00:38; Dark ; 50.5; 56; 53Kap Ori ; 2.07; 30000;occ; 101; 0;39153
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18; 6947.4; 26-AUG-2009 09:27:15; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39153
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3; 2547.0; 26-AUG-2009 09:54:30; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39154
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7; 4375.7; 26-AUG-2009 10:24:59; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39154
8; 4585.3; 26-AUG-2009 10:28:29; Dark ; 58.0; 28; 12Bet Tau ; 1.65; 15200;occ; 116; 0;39154
9; 4763.6; 26-AUG-2009 10:31:27; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39154
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13; 5350.9; 26-AUG-2009 10:41:14; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39154
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16; 5712.3; 26-AUG-2009 10:47:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39154
17; 6425.5; 26-AUG-2009 10:59:09; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39154
18; 6948.1; 26-AUG-2009 11:07:51; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;39154
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3; 3196.0; 26-AUG-2009 11:45:55; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;39155
4; 3328.3; 26-AUG-2009 11:48:08; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39155
5; 4173.3; 26-AUG-2009 12:02:13; Bright; 55.5; 6; 13Alp Aur ; 0.08; 3400;occ; 111; 0;39155
6; 4375.7; 26-AUG-2009 12:05:35; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39155
7; 4585.6; 26-AUG-2009 12:09:05; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39155
8; 4763.8; 26-AUG-2009 12:12:03; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39155
9; 5010.6; 26-AUG-2009 12:16:10; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;39155
10; 5117.8; 26-AUG-2009 12:17:57; Dark ; 60.0; 27; 24Gam Ori ; 1.64; 26000;occ; 120; 0;39155
11; 5235.1; 26-AUG-2009 12:19:54; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;39155
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13; 5450.5; 26-AUG-2009 12:23:30; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39155
14; 5597.3; 26-AUG-2009 12:25:57; Dark ; 49.5; 139; 9Bet Lep ; 2.83; 5600;occ; 99; 0;39155
15; 5713.3; 26-AUG-2009 12:27:53; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39155
16; 6426.9; 26-AUG-2009 12:39:46; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39155
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 4; 3195.3; 26-AUG-2009 13:26:30; Bright; 67.0; 74; 11Bet Cas ; 2.27; 6600;occ; 134; 0;39156
 5; 4173.3; 26-AUG-2009 13:42:48; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;39156
 6; 4375.9; 26-AUG-2009 13:46:11; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;39156
 7; 4585.7; 26-AUG-2009 13:49:41; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39156
 8; 4764.2; 26-AUG-2009 13:52:39; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39156
 9; 5011.4; 26-AUG-2009 13:56:46; Dark ; 58.5; 14; 58Alp Ori ; 0.87; 3000;occ; 117; 0;39156
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 11; 5236.0; 26-AUG-2009 14:00:31; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;39156
 12; 5352.6; 26-AUG-2009 14:02:28; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39156
 13; 5451.6; 26-AUG-2009 14:04:07; Dark ; 67.5; 7; 19Bet Ori ; 0.10; 14000;occ; 135; 0;39156
 14; 5598.3; 26-AUG-2009 14:06:33; Dark ; 54.0; 139; 9Bet Lep ; 2.83; 5600;occ; 108; 0;39156
 15; 5714.3; 26-AUG-2009 14:08:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39156
 16; 6428.2; 26-AUG-2009 14:20:23; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;39156
 17; 6949.5; 26-AUG-2009 14:29:05; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;39156
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 3; 2545.2; 26-AUG-2009 14:56:16; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39157
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 10; 5012.1; 26-AUG-2009 15:37:23; Dark ; 61.5; 14; 58Alp Ori ; 0.87; 3000;occ; 123; 0;39157
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 16; 5715.4; 26-AUG-2009 15:49:06; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39157
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11; 3180.4; 28-AUG-2009 02:19:26; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;39178
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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
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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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5; 929.2; 28-AUG-2009 06:43:43; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39181
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4; 467.0; 30-AUG-2009 20:38:09; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;39218
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6; 953.8; 31-AUG-2009 01:48:04; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;39221
7; 1325.8; 31-AUG-2009 01:54:16; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;39221
8; 1895.7; 31-AUG-2009 02:03:46; Bright; 39.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 78; 0;39221
9; 2257.3; 31-AUG-2009 02:09:47; Bright; 48.5; 90; 54Alp Peg ; 2.49; 11000;occ; 97; 0;39221
10; 2508.1; 31-AUG-2009 02:13:58; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39221
11; 3151.9; 31-AUG-2009 02:24:42; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39221
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3; -1353.2; 31-AUG-2009 02:50:13; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;39221
4; -1248.6; 31-AUG-2009 02:51:57; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39221
5; -732.4; 31-AUG-2009 03:00:34; Dark ; 64.0; 30; 46Eps Ori ; 1.69; 30000;occ; 128; 0;39221
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9; 471.8; 31-AUG-2009 03:20:38; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;39222
10; 954.6; 31-AUG-2009 03:28:41; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;39222
11; 1326.2; 31-AUG-2009 03:34:52; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;39222
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14; 2507.7; 31-AUG-2009 03:54:34; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39222
15; 3151.3; 31-AUG-2009 04:05:17; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39222
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4; -1248.1; 31-AUG-2009 04:32:34; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39222
5; -977.2; 31-AUG-2009 04:37:05; Dark ; 68.5; 14; 58Alp Ori ; 0.87; 3000;occ; 137; 0;39222
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8; -427.8; 31-AUG-2009 04:46:14; Dark ; 56.0; 101; 11Alp Lep ; 2.58; 7000;occ; 112; 0;39222
9; -251.4; 31-AUG-2009 04:49:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39222
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11; 955.2; 31-AUG-2009 05:09:17; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39223
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13; 1895.8; 31-AUG-2009 05:24:58; Bright; 56.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 112; 0;39223
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15; 2507.3; 31-AUG-2009 05:35:09; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39223
16; 3150.6; 31-AUG-2009 05:45:53; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39223

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3; 2502.7; 31-AUG-2009 20:40:28; Bright; 40.5; 164; 44Eta Peg ; 2.95; 5400;occ; 81; 0;39232
4; 3144.8; 31-AUG-2009 20:51:10; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39232
5; 3273.2; 31-AUG-2009 20:53:19; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;39232
6; 4156.4; 31-AUG-2009 21:08:02; Bright; 60.5; 6; 13Alp Aur ; 0.08; 3400;occ; 121; 0;39232
7; 4378.1; 31-AUG-2009 21:11:43; Bright; 49.0; 107; 37The Aur ; 2.65; 11000;occ; 98; 0;39232
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9; 4791.6; 31-AUG-2009 21:18:37; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39232
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3; -415.8; 31-AUG-2009 21:32:25; Dark ; 55.0; 101; 11Alp Lep ; 2.58; 7000;occ; 110; 0;39232
4; -240.0; 31-AUG-2009 21:35:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39232
5; 485.0; 31-AUG-2009 21:47:26; Dark ; 56.0; 157; The1Eri ; 2.91; 9300;occ; 112; 0;39233
6; 961.1; 31-AUG-2009 21:55:22; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;39233
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9; 2502.2; 31-AUG-2009 22:21:03; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39233
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11; 3272.4; 31-AUG-2009 22:33:54; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39233
12; 4156.1; 31-AUG-2009 22:48:37; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;39233
13; 4378.1; 31-AUG-2009 22:52:19; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;39233
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16; 5067.4; 31-AUG-2009 23:03:49; Dark ; 74.5; 14; 58Alp Ori ; 0.87; 3000;occ; 149; 0;39233
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4; 486.3; 31-AUG-2009 23:28:03; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39234
5; 961.6; 31-AUG-2009 23:35:59; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39234
6; 1329.5; 31-AUG-2009 23:42:07; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39234
7; 2250.3; 31-AUG-2009 23:57:27; Bright; 47.0; 90; 54Alp Peg ; 2.49; 11000;occ; 94; 0;39234
8; 2501.6; 01-SEP-2009 00:01:39; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;39234
9; 3143.7; 01-SEP-2009 00:12:21; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39234
10; 3271.6; 01-SEP-2009 00:14:29; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39234
11; 4155.9; 01-SEP-2009 00:29:13; Bright; 64.0; 6; 13Alp Aur ; 0.08; 3400;occ; 128; 0;39234
12; 4378.0; 01-SEP-2009 00:32:55; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39234
13; 4686.7; 01-SEP-2009 00:38:04; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;39234
14; 4792.4; 01-SEP-2009 00:39:49; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39234
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5; -976.6; 31-AUG-2009 06:17:41; Dark ; 73.5; 14; 58Alp Ori ; 0.87; 3000;occ; 147; 0;39223
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3; 2506.7; 31-AUG-2009 07:15:45; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39224
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5; 3278.8; 31-AUG-2009 07:28:37; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39224
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 12; 5442.8; 31-AUG-2009 08:04:41; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39224
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 3; 2505.1; 31-AUG-2009 12:17:31; Bright; 41.0; 164; 44Eta Peg ; 2.95; 5400;occ; 82; 0;39227
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 13; 5613.9; 31-AUG-2009 13:09:19; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39227
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 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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7; 4684.9; 31-AUG-2009 14:34:26; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;39228
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3; 2504.2; 31-AUG-2009 15:38:42; Bright; 55.5; 164; 44Eta Peg ; 2.95; 5400;occ; 111; 0;39229
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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
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10; 5064.4; 31-AUG-2009 16:21:22; Dark ; 73.0; 14; 58Alp Ori ; 0.87; 3000;occ; 146; 0;39229
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6; 4157.1; 31-AUG-2009 17:46:51; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;39230
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