

# GOMOS Daily Report 02-AUG-2010

## Level 0 and Level 1 products

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This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM\_TRA\_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	06AUG2010 04:56:14
Data source version	GOMOS/5.01
Start time of products	02AUG2010 00:01:06
Stop time of products	02AUG2010 23:50:40
Store outputs in DB	Yes
Nb of level 1b prods	115
Nb of prods with errors	1

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

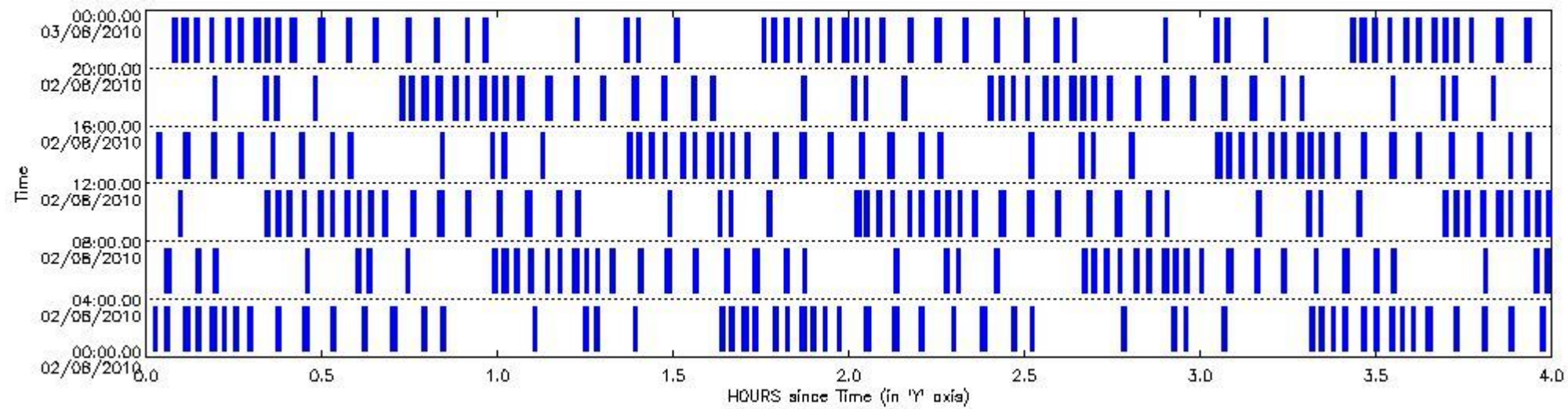
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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)

No missing products.

### 2.4 Summary of processed GOM\_TRA\_1P products

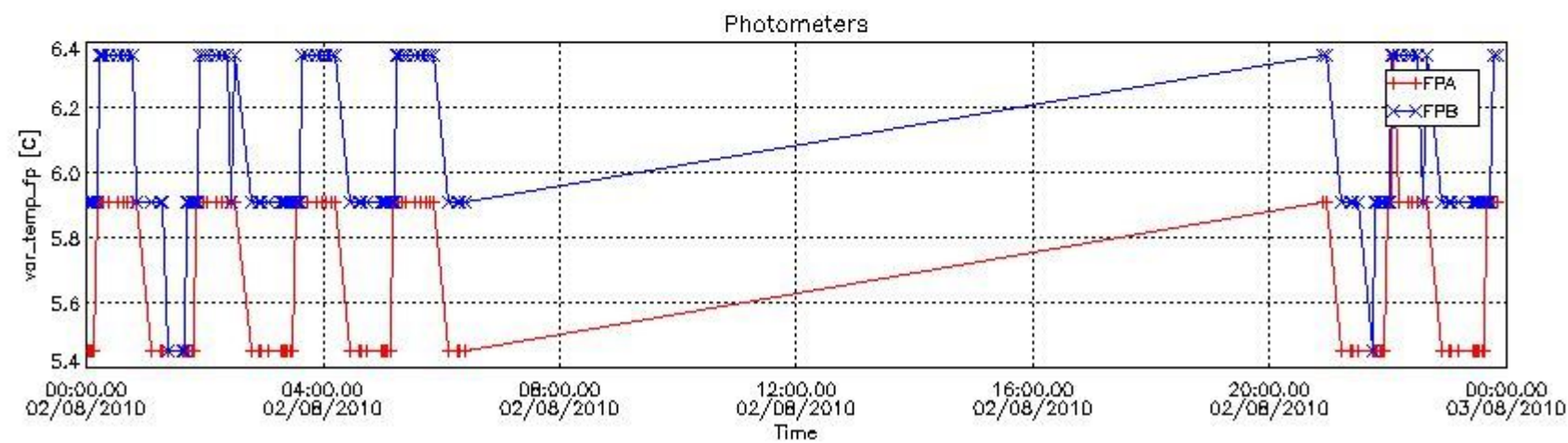
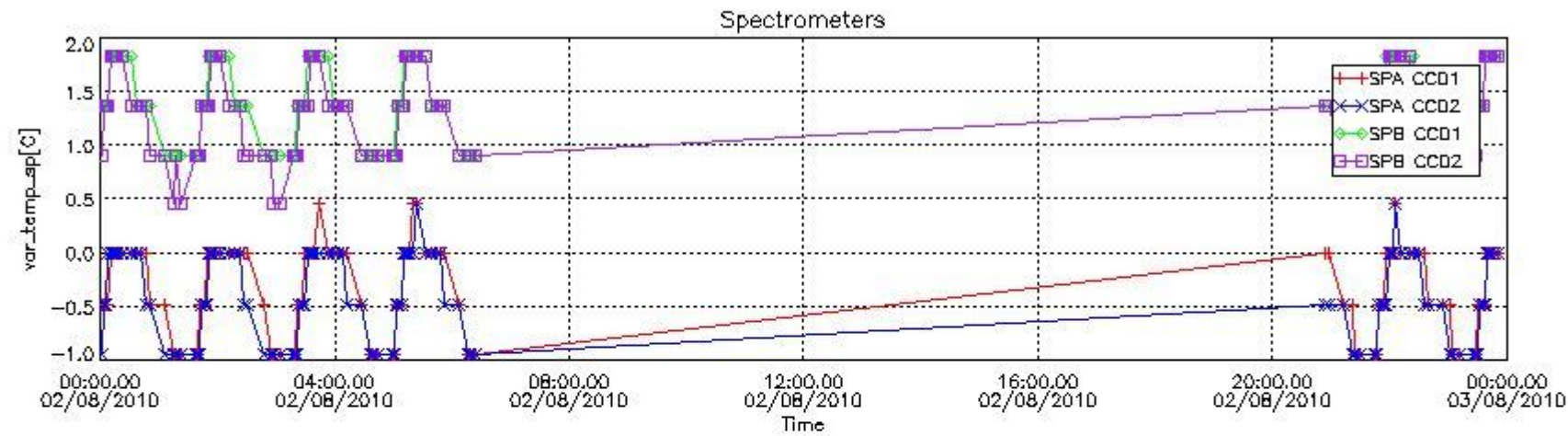
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100802_000106_000000412091_00388_44029_1695.N1	02-AUG-2010 00:01:06	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	44029	No
2	GOM_TRA_1PNPDE20100802_000301_000000462091_00388_44029_1696.N1	02-AUG-2010 00:03:01	Bright	46.000	149	45Eps Per	2.8880	30000.	92	44029	No
3	GOM_TRA_1PNPDE20100802_000622_000000562091_00388_44029_1697.N1	02-AUG-2010 00:06:22	Bright	56.000	28	12Bet Tau	1.6500	15200.	112	44029	No
4	GOM_TRA_1PNPDE20100802_000827_000000422091_00388_44029_1698.N1	02-AUG-2010 00:08:27	Twilight_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	44029	No
5	GOM_TRA_1PNPDE20100802_001059_000000642091_00388_44029_1699.N1	02-AUG-2010 00:10:59	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	44029	No
6	GOM_TRA_1PNPDE20100802_001259_000000422091_00388_44029_1700.N1	02-AUG-2010 00:12:59	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	44029	No
7	GOM_TRA_1PNPDE20100802_001453_000000422091_00388_44029_1701.N1	02-AUG-2010 00:14:53	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	44029	No
8	GOM_TRA_1PNPDE20100802_001723_000000462091_00388_44029_1702.N1	02-AUG-2010 00:17:23	Dark	45.500	7	19Bet Ori	0.10000	14000.	91	44029	No
9	GOM_TRA_1PNPDE20100802_002203_000000542091_00388_44029_1716.N1	02-AUG-2010 00:22:03	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	44029	No
10	GOM_TRA_1PNPDE20100802_003128_000000472091_00388_44029_1717.N1	02-AUG-2010 00:31:28	Dark	47.000	157	The1Eri	2.9060	9300.0	94	44029	No
11	GOM_TRA_1PNPDE20100802_003656_000000442091_00389_44030_1718.N1	02-AUG-2010 00:36:56	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44030	No
12	GOM_TRA_1PNPDE20100802_004146_000000562091_00389_44030_1719.N1	02-AUG-2010 00:41:46	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44030	No

13	GOM_TRA_1PNPDE20100802_004706_000000492091_00389_44030_1720.N1	02-AUG-2010 00:47:06	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	44030	No
14	GOM_TRA_1PNPDE20100802_005014_000000472091_00389_44030_1721.N1	02-AUG-2010 00:50:14	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	44030	No
15	GOM_TRA_1PNPDE20100802_010600_000000382091_00389_44030_1722.N1	02-AUG-2010 01:06:00	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44030	No
16	GOM_TRA_1PNPDE20100802_011435_000000452091_00389_44030_1723.N1	02-AUG-2010 01:14:35	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	44030	No
17	GOM_TRA_1PNPDE20100802_011634_000000382091_00389_44030_1724.N1	02-AUG-2010 01:16:34	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	44030	No
18	GOM_TRA_1PNPDE20100802_012308_000000432091_00389_44030_1725.N1	02-AUG-2010 01:23:08	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	44030	No
19	GOM_TRA_1PNPDE20100802_013757_000000532091_00389_44030_1726.N1	02-AUG-2010 01:37:57	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	44030	No
20	GOM_TRA_1PNPDE20100802_013937_000000502091_00389_44030_1727.N1	02-AUG-2010 01:39:37	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	44030	No
21	GOM_TRA_1PNPDE20100802_014142_000000562091_00389_44030_1728.N1	02-AUG-2010 01:41:42	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	44030	No
22	GOM_TRA_1PNPDE20100802_014337_000000452091_00389_44030_1729.N1	02-AUG-2010 01:43:37	Bright	45.000	149	45Eps Per	2.8880	30000.	90	44030	No
23	GOM_TRA_1PNPDE20100802_014658_000000462091_00389_44030_1730.N1	02-AUG-2010 01:46:58	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	44030	No
24	GOM_TRA_1PNPDE20100802_014903_000000412091_00389_44030_1731.N1	02-AUG-2010 01:49:03	Twilight	40.500	176	23Zet Tau	3.0200	22000.	81	44030	No
25	GOM_TRA_1PNPDE20100802_015135_000000612091_00389_44030_1732.N1	02-AUG-2010 01:51:35	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	44030	No
26	GOM_TRA_1PNPDE20100802_015335_000000452091_00389_44030_1733.N1	02-AUG-2010 01:53:35	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	44030	No
27	GOM_TRA_1PNPDE20100802_015530_000000422091_00389_44030_1734.N1	02-AUG-2010 01:55:30	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	44030	No
28	GOM_TRA_1PNPDE20100802_015759_000000412091_00389_44030_1734.N1	02-AUG-2010 01:57:59	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	44030	No
29	GOM_TRA_1PNPDE20100802_020239_000000582091_00389_44030_1735.N1	02-AUG-2010 02:02:39	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	44030	No
30	GOM_TRA_1PNPDE20100802_021205_000000462091_00389_44030_1736.N1	02-AUG-2010 02:12:05	Dark	46.000	157	The1Eri	2.9060	9300.0	92	44030	No
31	GOM_TRA_1PNPDE20100802_021732_000000432091_00390_44031_1737.N1	02-AUG-2010 02:17:32	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44031	No
32	GOM_TRA_1PNPDE20100802_022223_000000672091_00390_44031_1738.N1	02-AUG-2010 02:22:23	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	44031	No
33	GOM_TRA_1PNPDE20100802_022743_000000512091_00390_44031_1739.N1	02-AUG-2010 02:27:43	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	44031	No
34	GOM_TRA_1PNPDE20100802_023051_000000452091_00390_44031_1740.N1	02-AUG-2010 02:30:51	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44031	No
35	GOM_TRA_1PNPDE20100802_024636_000000402091_00390_44031_1741.N1	02-AUG-2010 02:46:36	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	44031	No
36	GOM_TRA_1PNPDE20100802_025511_000000462091_00390_44031_1742.N1	02-AUG-2010 02:55:11	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44031	No
37	GOM_TRA_1PNPDE20100802_025710_000000382091_00390_44031_1743.N1	02-AUG-2010 02:57:10	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	44031	No
38	GOM_TRA_1PNPDE20100802_030343_000000392091_00390_44031_1744.N1	02-AUG-2010 03:03:43	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44031	No
39	GOM_TRA_1PNPDE20100802_031832_000000482091_00390_44031_1765.N1	02-AUG-2010 03:18:32	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	44031	No
40	GOM_TRA_1PNPDE20100802_032013_000000502091_00390_44031_1766.N1	02-AUG-2010 03:20:13	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	44031	No
41	GOM_TRA_1PNPDE20100802_032219_000000422091_00390_44031_1767.N1	02-AUG-2010 03:22:19	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	44031	No
42	GOM_TRA_1PNPDE20100802_032413_000000532091_00390_44031_1768.N1	02-AUG-2010 03:24:13	Bright	53.000	149	45Eps Per	2.8880	30000.	106	44031	No
43	GOM_TRA_1PNPDE20100802_032734_000000462091_00390_44031_1769.N1	02-AUG-2010 03:27:34	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	44031	No
44	GOM_TRA_1PNPDE20100802_032939_000000412091_00390_44031_1770.N1	02-AUG-2010 03:29:39	Twilight	41.000	176	23Zet Tau	3.0200	22000.	82	44031	No
45	GOM_TRA_1PNPDE20100802_033212_000000532091_00390_44031_1771.N1	02-AUG-2010 03:32:12	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	44031	No
46	GOM_TRA_1PNPDE20100802_033411_000000402091_00390_44031_1772.N1	02-AUG-2010 03:34:11	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	44031	No
47	GOM_TRA_1PNPDE20100802_033606_000000382091_00390_44031_1773.N1	02-AUG-2010 03:36:06	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	44031	No
48	GOM_TRA_1PNPDE20100802_033836_000000562091_00390_44031_1774.N1	02-AUG-2010 03:38:36	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	44031	No
49	GOM_TRA_1PNPDE20100802_034316_000000572091_00390_44031_1775.N1	02-AUG-2010 03:43:16	Dark	57.000	165	34Gam Eri	2.9500	3200.0	114	44031	No
50	GOM_TRA_1PNPDE20100802_035242_000000462091_00390_44031_1776.N1	02-AUG-2010 03:52:42	Dark	46.000	157	The1Eri	2.9060	9300.0	92	44031	No
51	GOM_TRA_1PNPDE20100802_035809_000000452091_00391_44032_1777.N1	02-AUG-2010 03:58:09	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44032	No
52	GOM_TRA_1PNPDE20100802_040300_000000672091_00391_44032_1778.N1	02-AUG-2010 04:03:00	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	44032	No
53	GOM_TRA_1PNPDE20100802_040819_000000502091_00391_44032_1779.N1	02-AUG-2010 04:08:19	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	44032	No
54	GOM_TRA_1PNPDE20100802_041127_000000452091_00391_44032_1780.N1	02-AUG-2010 04:11:27	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44032	No
55	GOM_TRA_1PNPDE20100802_042712_000000392091_00391_44032_1781.N1	02-AUG-2010 04:27:12	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44032	No
56	GOM_TRA_1PNPDE20100802_043546_000000472091_00391_44032_1782.N1	02-AUG-2010 04:35:46	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	44032	No
57	GOM_TRA_1PNPDE20100802_043745_000000382091_00391_44032_1783.N1	02-AUG-2010 04:37:45	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	44032	No
58	GOM_TRA_1PNPDE20100802_044419_000000402091_00391_44032_1784.N1	02-AUG-2010 04:44:19	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44032	No
59	GOM_TRA_1PNPDE20100802_045908_000000492091_00391_44032_1798.N1	02-AUG-2010 04:59:08	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	44032	No
60	GOM_TRA_1PNPDE20100802_050048_000000522091_00391_44032_1799.N1	02-AUG-2010 05:00:48	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	44032	No
61	GOM_TRA_1PNPDE20100802_050254_000000442091_00391_44032_1800.N1	02-AUG-2010 05:02:54	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	44032	No
62	GOM_TRA_1PNPDE20100802_050521_000000372091_00391_44032_1801.N1	02-AUG-2010 05:05:21	Bright	36.500	107	37The Aur	2.6490	11000.	73	44032	No
63	GOM_TRA_1PNPDE20100802_050810_000000412091_00391_44032_1802.N1	02-AUG-2010 05:08:10	Bright	40.500	28	12Bet Tau	1.6500	15200.	81	44032	No
64	GOM_TRA_1PNPDE20100802_051016_000000392091_00391_44032_1803.N1	02-AUG-2010 05:10:16	Twilight	39.000	176	23Zet Tau	3.0200	22000.	78	44032	No
65	GOM_TRA_1PNPDE20100802_051248_000000642091_00391_44032_1804.N1	02-AUG-2010 05:12:48	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	44032	No
66	GOM_TRA_1PNPDE20100802_051448_000000402091_00391_44032_1805.N1	02-AUG-2010 05:14:48	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	44032	No
67	GOM_TRA_1PNPDE20100802_051642_000000382091_00391_44032_1806.N1	02-AUG-2010 05:16:42	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	44032	No
68	GOM_TRA_1PNPDE20100802_051912_000000472091_00391_44032_1807.N1	02-AUG-2010 05:19:12	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	44032	No
69	GOM_TRA_1PNPDE20100802_052354_000000572091_00391_44032_1808.N1	02-AUG-2010 05:23:54	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	44032	No
70	GOM_TRA_1PNPDE20100802_053319_000000462091_00391_44032_1809.N1	02-AUG-2010 05:33:19	Dark	46.000	157	The1Eri	2.9060	9300.0	92	44032	No
71	GOM_TRA_1PNPDE20100802_053846_000000432091_00392_44033_1810.N1	02-AUG-2010 05:38:46	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44033	No

72	GOM_TRA_1PNPDE20100802_054337_000000562091_00392_44033_1811.N1	02-AUG-2010 05:43:37	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44033	No
73	GOM_TRA_1PNPDE20100802_054856_000000462091_00392_44033_1812.N1	02-AUG-2010 05:48:56	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	44033	No
74	GOM_TRA_1PNPDE20100802_055204_000000442091_00392_44033_1813.N1	02-AUG-2010 05:52:04	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	44033	No
75	GOM_TRA_1PNPDE20100802_060748_000000392091_00392_44033_1814.N1	02-AUG-2010 06:07:48	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44033	No
76	GOM_TRA_1PNPDE20100802_061622_000000452091_00392_44033_1815.N1	02-AUG-2010 06:16:22	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	44033	No
77	GOM_TRA_1PNPDE20100802_061822_000000382091_00392_44033_1816.N1	02-AUG-2010 06:18:22	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	44033	No
78	GOM_TRA_1PNPDE20100802_062455_000000412091_00392_44033_1817.N1	02-AUG-2010 06:24:55	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44033	No
79	GOM_TRA_1PNPDE20100802_205424_000000432091_00401_44042_1935.N1	02-AUG-2010 20:54:24	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44042	No
80	GOM_TRA_1PNPDE20100802_205731_000000452091_00401_44042_1936.N1	02-AUG-2010 20:57:31	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44042	No
81	GOM_TRA_1PNPDE20100802_211311_000000392091_00401_44042_1937.N1	02-AUG-2010 21:13:11	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	44042	No
82	GOM_TRA_1PNPDE20100802_212141_000000412091_00401_44042_1938.N1	02-AUG-2010 21:21:41	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	44042	No
83	GOM_TRA_1PNPDE20100802_212343_000000382091_00401_44042_1939.N1	02-AUG-2010 21:23:43	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44042	No
84	GOM_TRA_1PNPDE20100802_213015_000000412091_00401_44042_1940.N1	02-AUG-2010 21:30:15	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44042	No
85	GOM_TRA_1PNPDE20100802_214504_000000462091_00401_44042_1941.N1	02-AUG-2010 21:45:04	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	44042	No
86	GOM_TRA_1PNPDE20100802_214645_000000512091_00401_44042_1942.N1	02-AUG-2010 21:46:45	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	44042	No
87	GOM_TRA_1PNPDE20100802_214854_000000432091_00401_44042_1943.N1	02-AUG-2010 21:48:54	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	44042	No
88	GOM_TRA_1PNPDE20100802_215122_000000342091_00401_44042_1944.N1	02-AUG-2010 21:51:22	Bright	33.500	107	37The Aur	2.6490	11000.	67	44042	No
89	GOM_TRA_1PNPDE20100802_215411_000000452091_00401_44042_1945.N1	02-AUG-2010 21:54:11	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	44042	No
90	GOM_TRA_1PNPDE20100802_215617_000000442091_00401_44042_1946.N1	02-AUG-2010 21:56:17	Twilight	43.500	176	23Zet Tau	3.0200	22000.	87	44042	No
91	GOM_TRA_1PNPDE20100802_215852_000000582091_00401_44042_1947.N1	02-AUG-2010 21:58:52	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	44042	No
92	GOM_TRA_1PNPDE20100802_220050_000000452091_00401_44042_1948.N1	02-AUG-2010 22:00:50	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	44042	No
93	GOM_TRA_1PNPDE20100802_220246_000000402091_00401_44042_1949.N1	02-AUG-2010 22:02:46	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	44042	No
94	GOM_TRA_1PNPDE20100802_220516_000000512091_00401_44042_1962.N1	02-AUG-2010 22:05:16	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	44042	Yes
95	GOM_TRA_1PNPDE20100802_221003_000000572091_00401_44042_1963.N1	02-AUG-2010 22:10:03	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	44042	No
96	GOM_TRA_1PNPDE20100802_221928_000000462091_00401_44042_1964.N1	02-AUG-2010 22:19:28	Dark	46.000	157	The1Eri	2.9060	9300.0	92	44042	No
97	GOM_TRA_1PNPDE20100802_222452_000000452091_00402_44043_1965.N1	02-AUG-2010 22:24:52	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44043	No
98	GOM_TRA_1PNPDE20100802_222947_000000532091_00402_44043_1966.N1	02-AUG-2010 22:29:47	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44043	No
99	GOM_TRA_1PNPDE20100802_223500_000000432091_00402_44043_1967.N1	02-AUG-2010 22:35:00	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44043	No
100	GOM_TRA_1PNPDE20100802_223808_000000432091_00402_44043_1968.N1	02-AUG-2010 22:38:08	Straylight	43.000	172	Gam Gru	3.0030	13100.	86	44043	No
101	GOM_TRA_1PNPDE20100802_225347_000000382091_00402_44043_1969.N1	02-AUG-2010 22:53:47	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	44043	No
102	GOM_TRA_1PNPDE20100802_230216_000000442091_00402_44043_1970.N1	02-AUG-2010 23:02:16	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	44043	No
103	GOM_TRA_1PNPDE20100802_230419_000000392091_00402_44043_1971.N1	02-AUG-2010 23:04:19	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	44043	No
104	GOM_TRA_1PNPDE20100802_231050_000000412091_00402_44043_1972.N1	02-AUG-2010 23:10:50	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44043	No
105	GOM_TRA_1PNPDE20100802_232539_000000492091_00402_44043_1973.N1	02-AUG-2010 23:25:39	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44043	No
106	GOM_TRA_1PNPDE20100802_232721_000000502091_00402_44043_1974.N1	02-AUG-2010 23:27:21	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	44043	No
107	GOM_TRA_1PNPDE20100802_232930_000000442091_00402_44043_1975.N1	02-AUG-2010 23:29:30	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	44043	No
108	GOM_TRA_1PNPDE20100802_233158_000000362091_00402_44043_1976.N1	02-AUG-2010 23:31:58	Bright	35.500	107	37The Aur	2.6490	11000.	71	44043	No
109	GOM_TRA_1PNPDE20100802_233447_000000472091_00402_44043_1977.N1	02-AUG-2010 23:34:47	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	44043	No
110	GOM_TRA_1PNPDE20100802_233653_000000432091_00402_44043_1978.N1	02-AUG-2010 23:36:53	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	44043	No
111	GOM_TRA_1PNPDE20100802_233928_000000592091_00402_44043_1979.N1	02-AUG-2010 23:39:28	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	44043	No
112	GOM_TRA_1PNPDE20100802_234127_000000442091_00402_44043_1980.N1	02-AUG-2010 23:41:27	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	44043	No
113	GOM_TRA_1PNPDE20100802_234322_000000442091_00402_44043_1981.N1	02-AUG-2010 23:43:22	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	44043	No
114	GOM_TRA_1PNPDE20100802_234553_000000412091_00402_44043_1982.N1	02-AUG-2010 23:45:53	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	44043	No
115	GOM_TRA_1PNPDE20100802_235040_000000552091_00402_44043_1999.N1	02-AUG-2010 23:50:40	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	44043	No

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





#### 4. Overview of dark signal processing per product

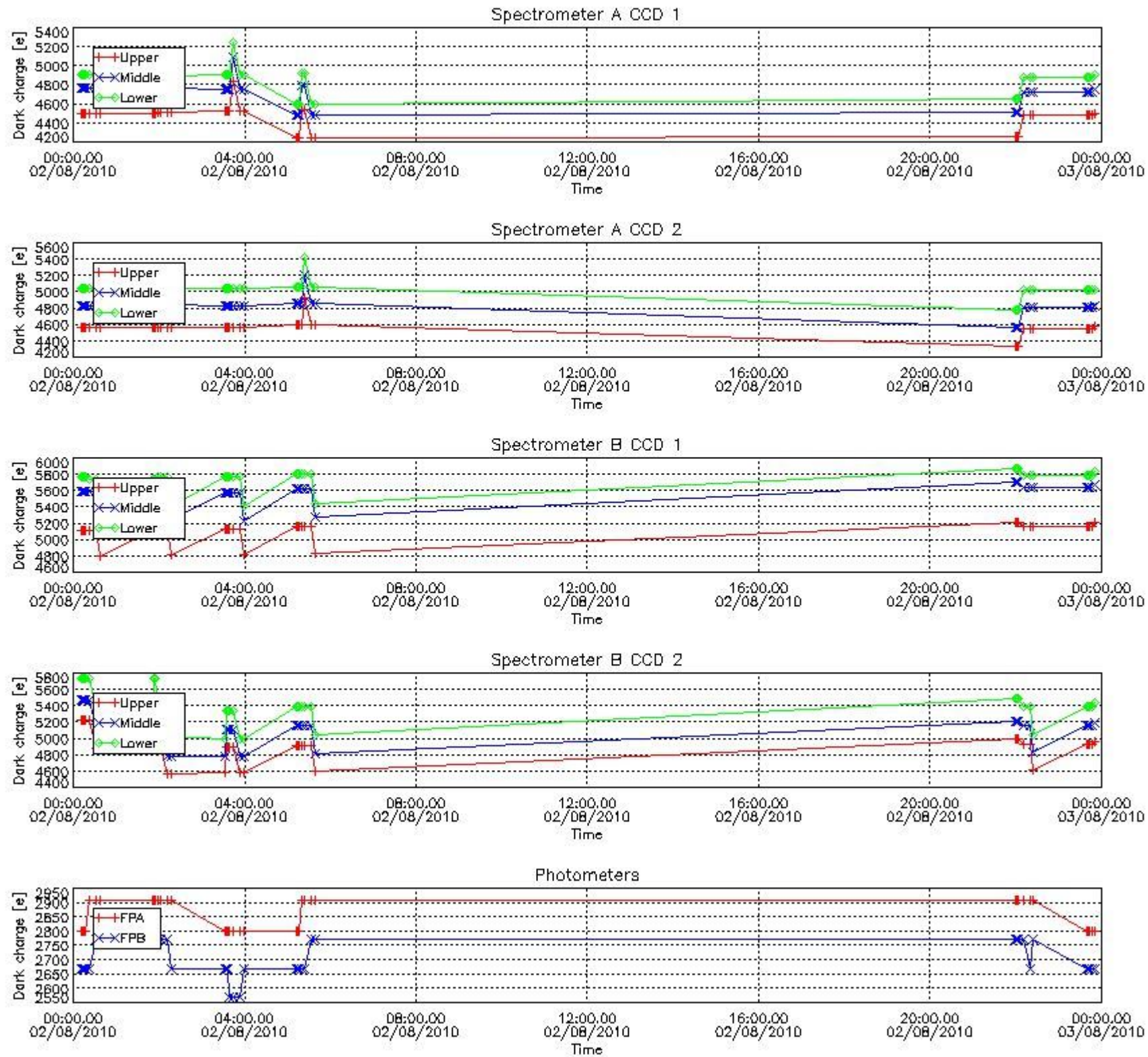
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100802_205424_000000432091_00401_44042_1935.N1	DC map used
GOM_TRA_1PNPDE20100802_205731_000000452091_00401_44042_1936.N1	DC map used
GOM_TRA_1PNPDE20100802_211311_000000392091_00401_44042_1937.N1	DC map used
GOM_TRA_1PNPDE20100802_212141_000000412091_00401_44042_1938.N1	DC map used
GOM_TRA_1PNPDE20100802_212343_000000382091_00401_44042_1939.N1	DC map used
GOM_TRA_1PNPDE20100802_213015_000000412091_00401_44042_1940.N1	DC map used
GOM_TRA_1PNPDE20100802_214504_000000462091_00401_44042_1941.N1	DC map used
GOM_TRA_1PNPDE20100802_214645_000000512091_00401_44042_1942.N1	DC map used
GOM_TRA_1PNPDE20100802_214854_000000432091_00401_44042_1943.N1	DC map used
GOM_TRA_1PNPDE20100802_215122_000000342091_00401_44042_1944.N1	DC map used
GOM_TRA_1PNPDE20100802_215411_000000452091_00401_44042_1945.N1	DC map used
GOM_TRA_1PNPDE20100802_215617_000000442091_00401_44042_1946.N1	DC map used
GOM_TRA_1PNPDE20100802_215852_000000582091_00401_44042_1947.N1	DC map used
GOM_TRA_1PNPDE20100802_220050_000000452091_00401_44042_1948.N1	DC map used

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



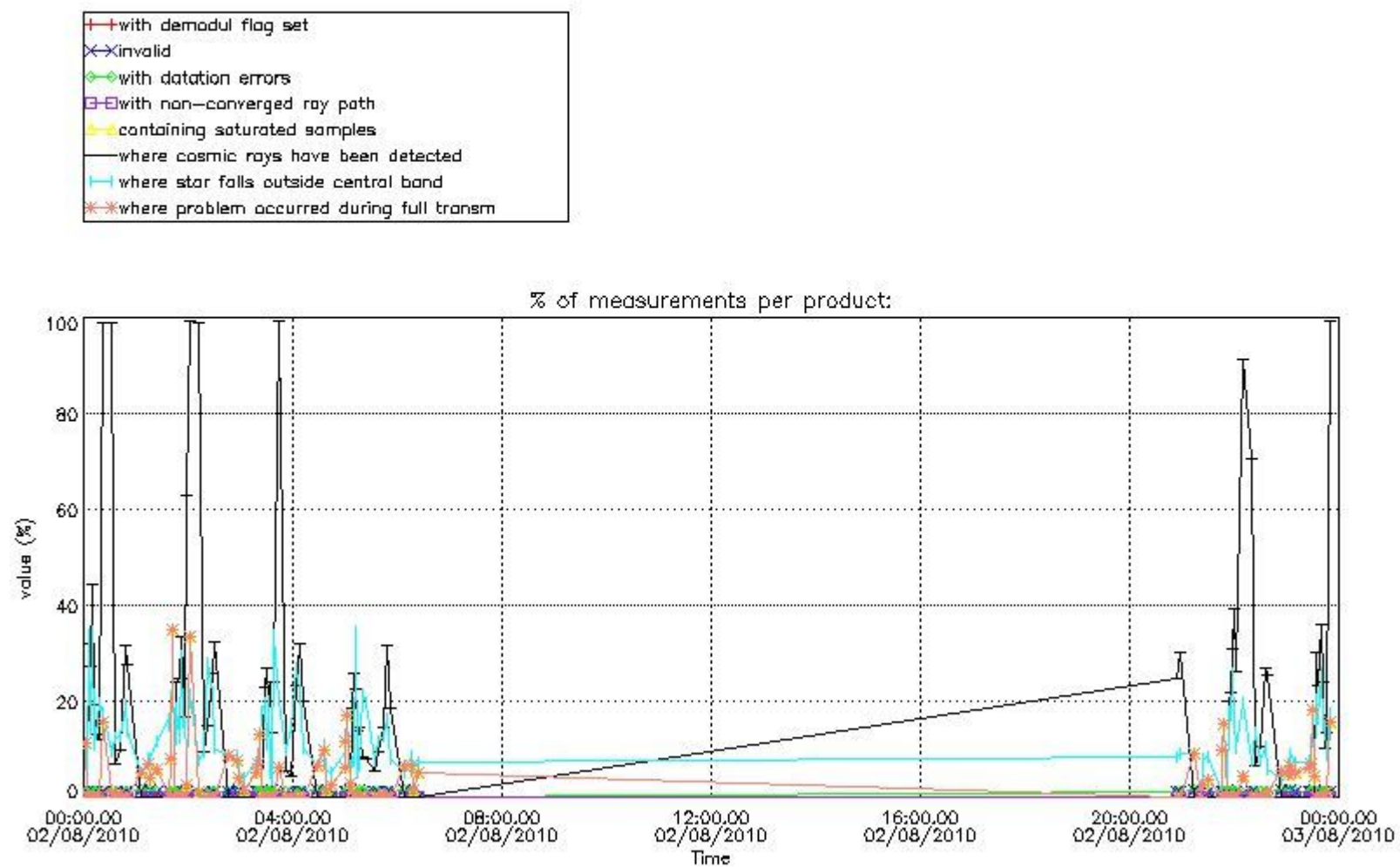
#### 5. Demodulation flag and quality information monitoring

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:

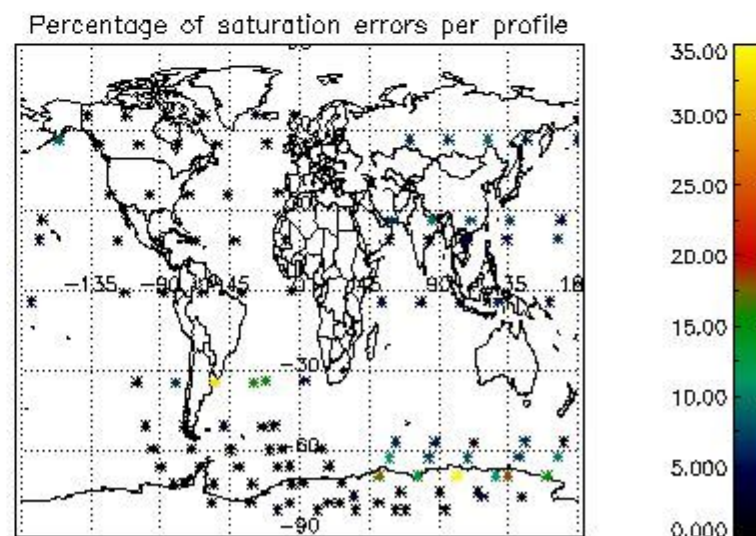
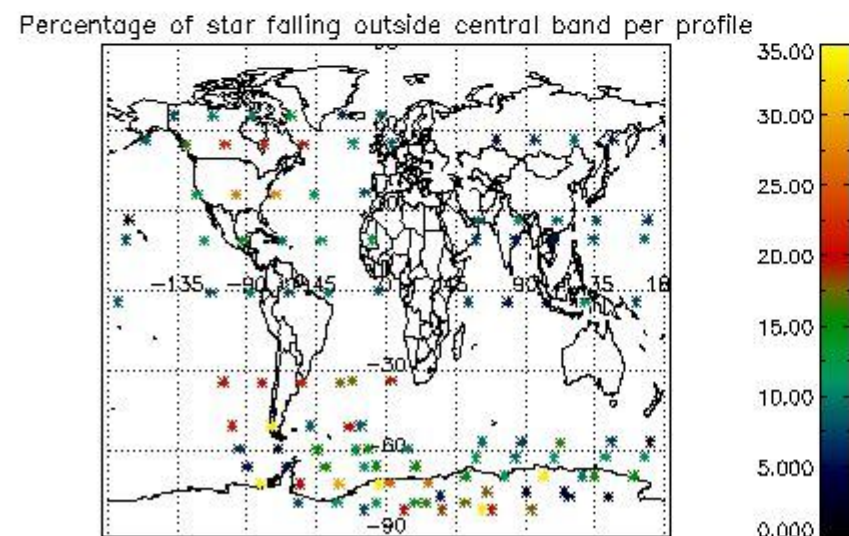
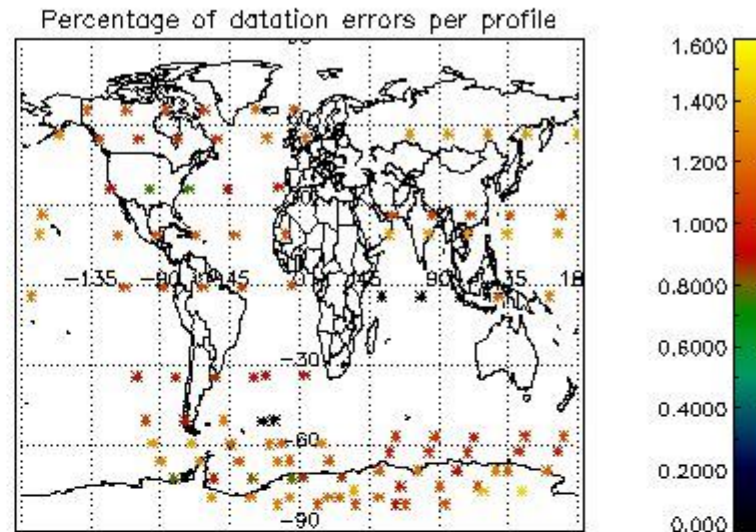
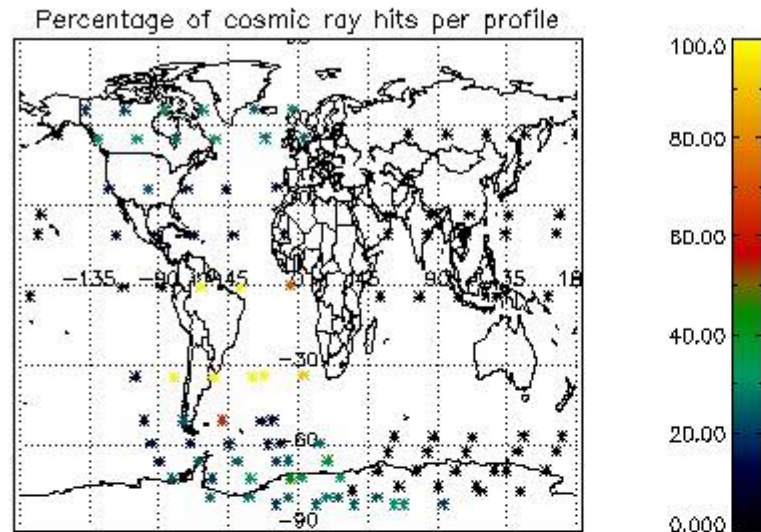
At least one measurement with demodulation flag set:	42.1053 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

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)

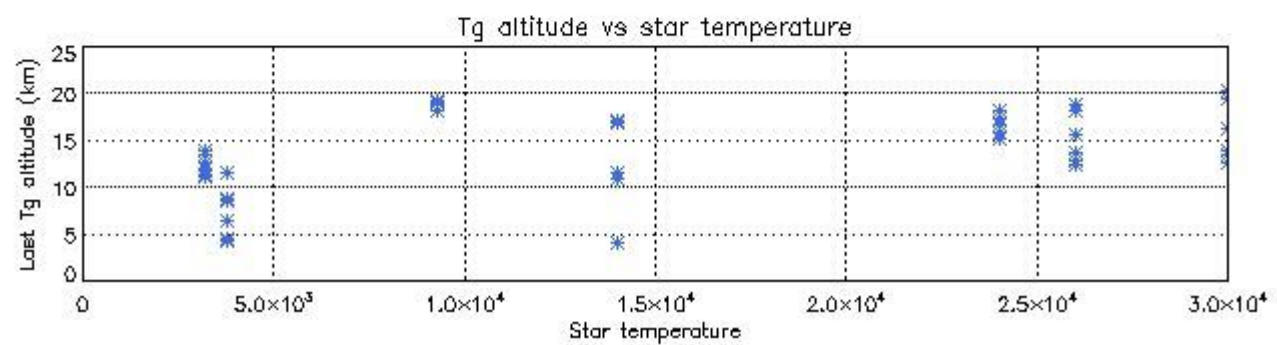
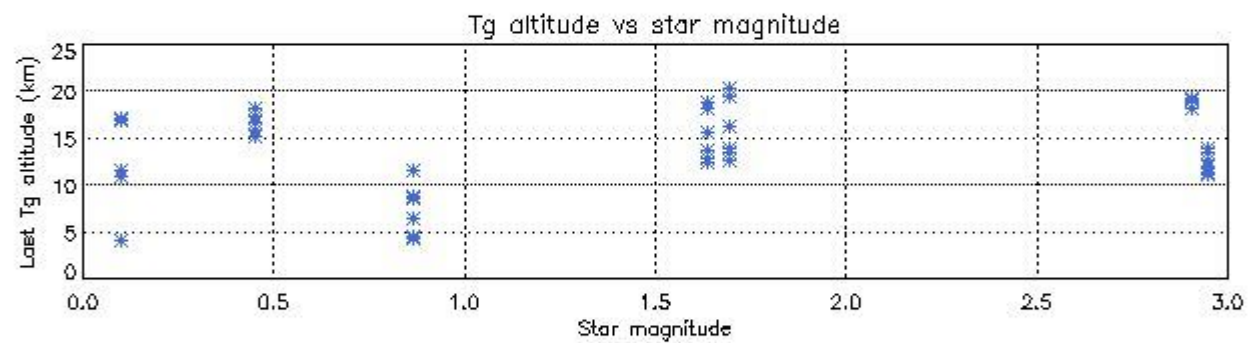
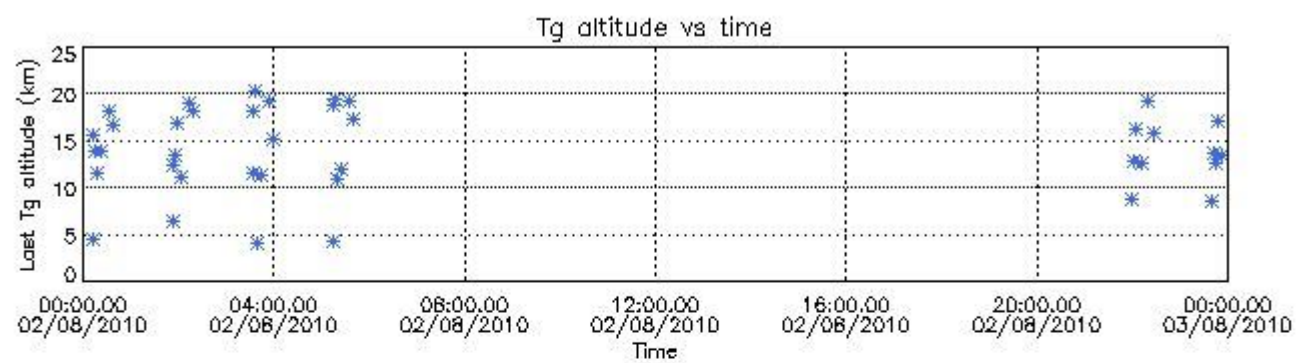
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.938	18.569	NaN
St. deviation:	4.4479	4.5970	NaN
Maximum:	20.236	27.392	NaN
Minimum:	3.9948	4.3981	NaN
Number of data:	39.000	52.000	NaN

### 6.2 Plot for DARK limb products

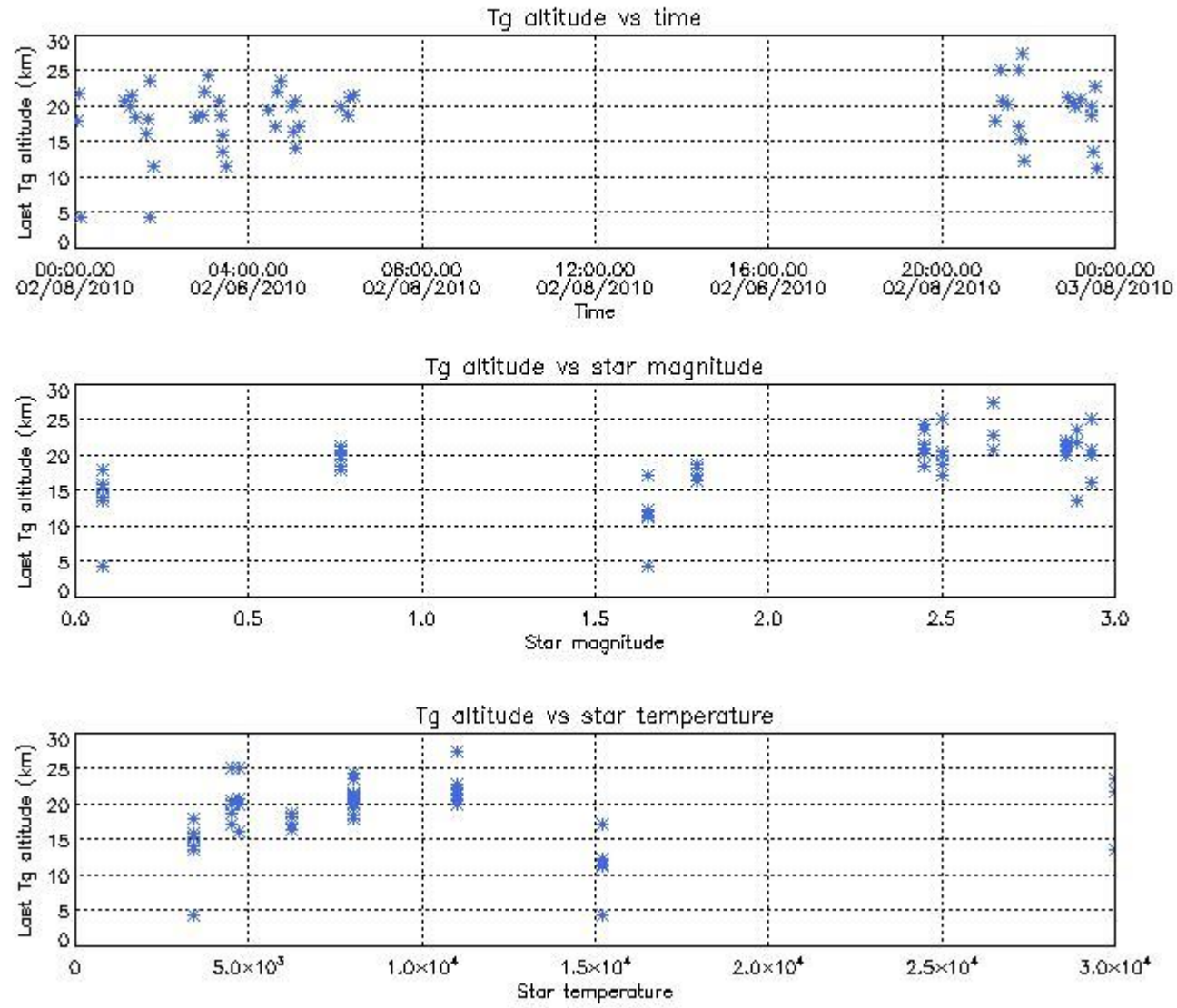


Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost

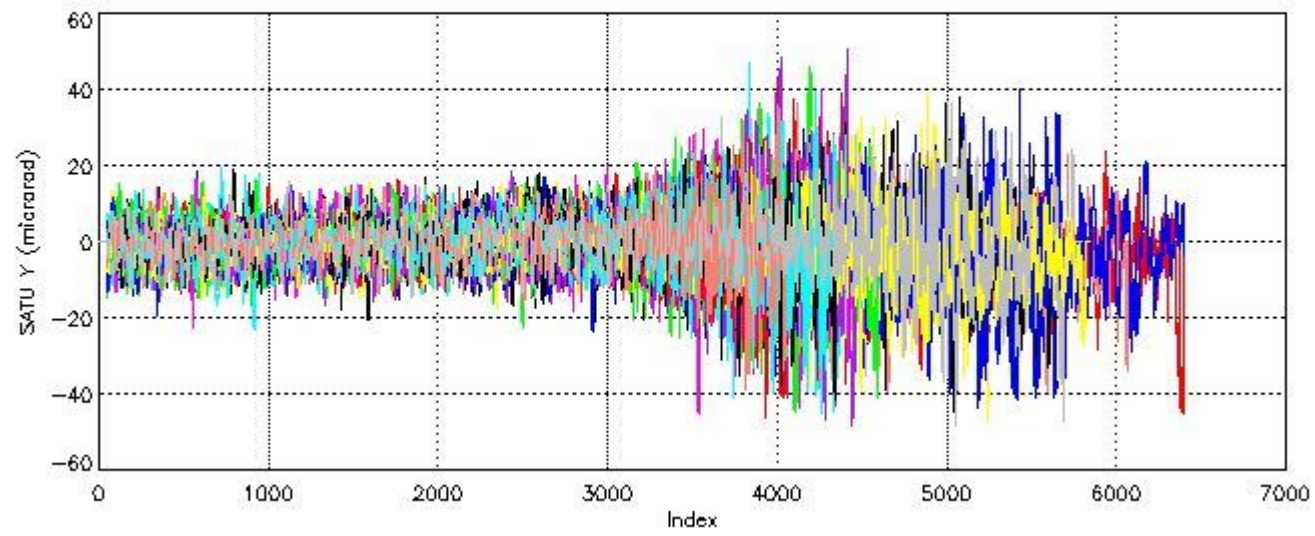
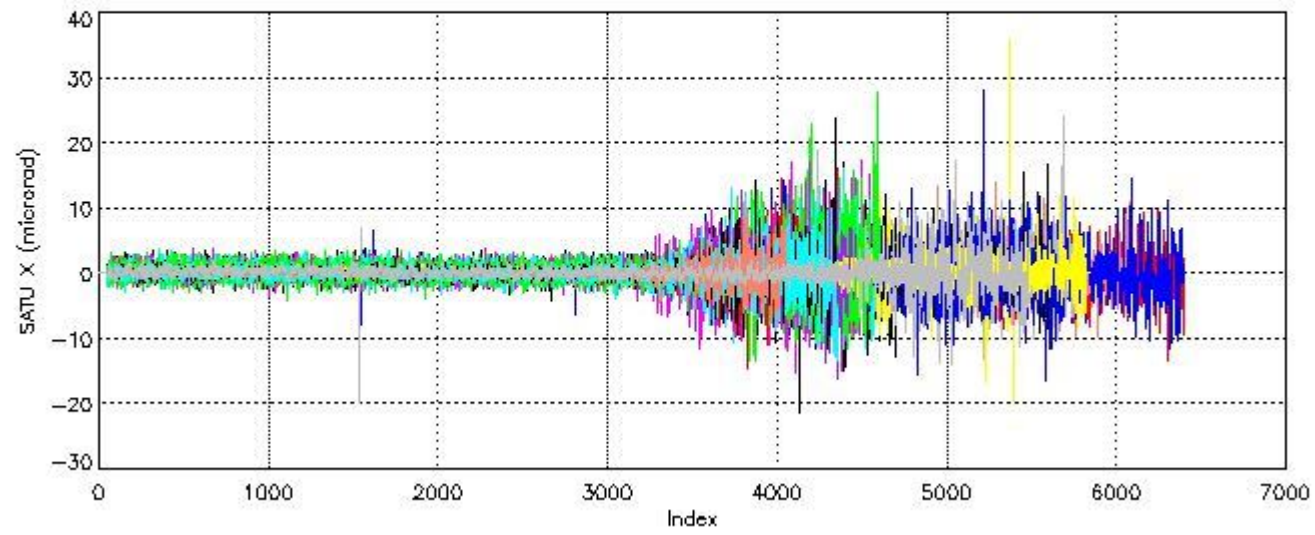


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.16503	-1.0678	0.20055	-0.80707
St. deviation:	0.46978	4.3308	0.74759	3.9906
Maximum:	3.8000	19.700	5.4000	16.900
Minimum:	-3.6000	-23.200	-6.3000	-22.100



Number of data:	39450.	39450.	51200.	51200.
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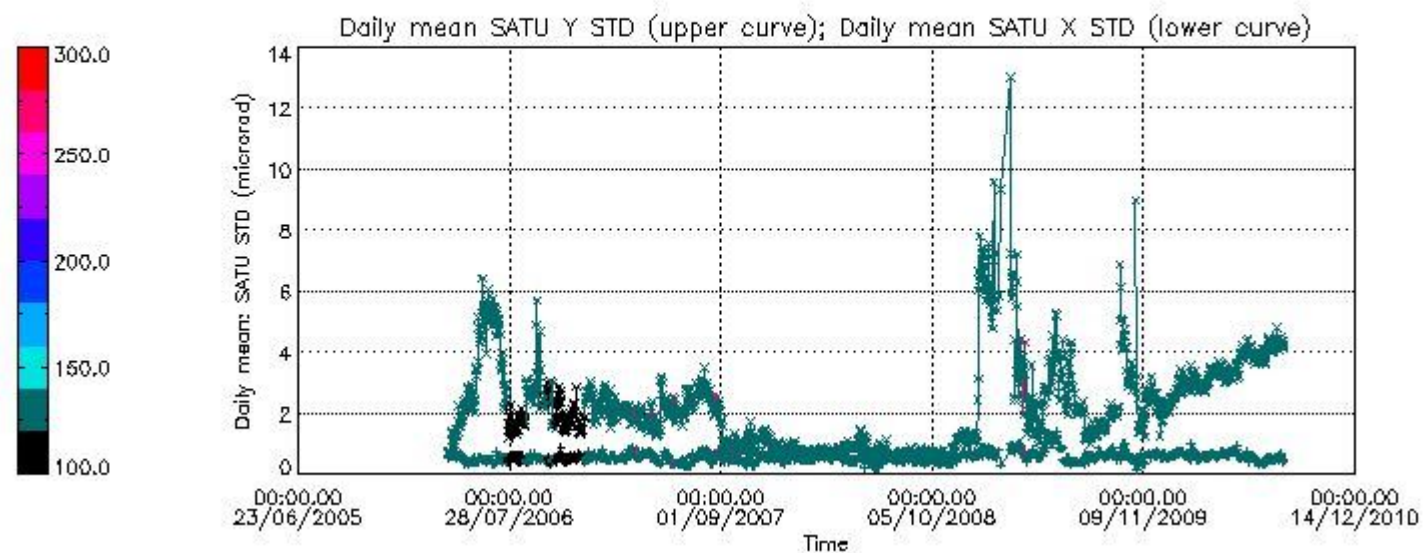
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

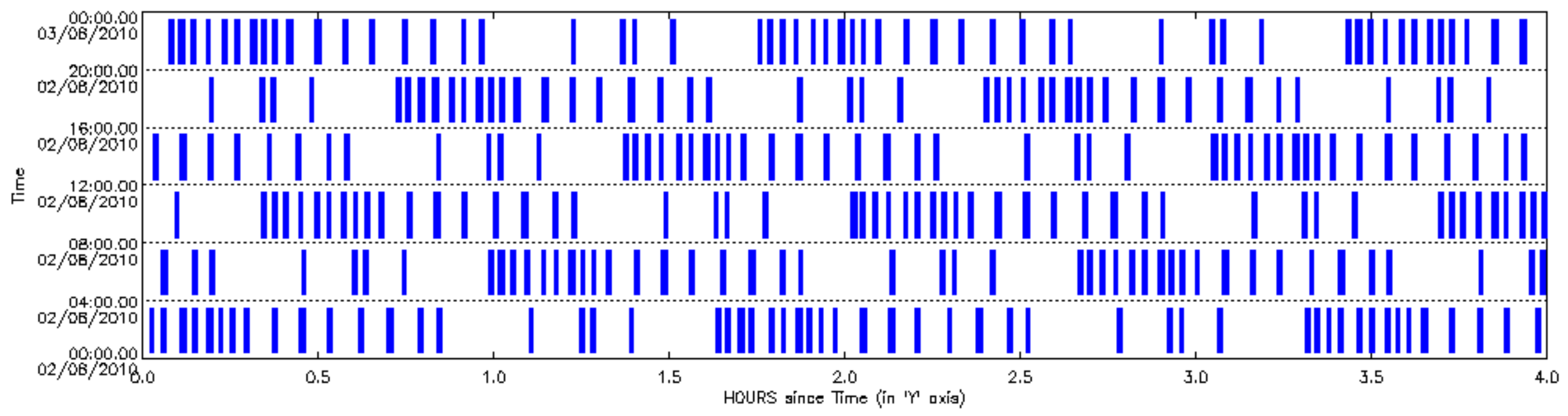
Lower curve: STD of SATU X axis

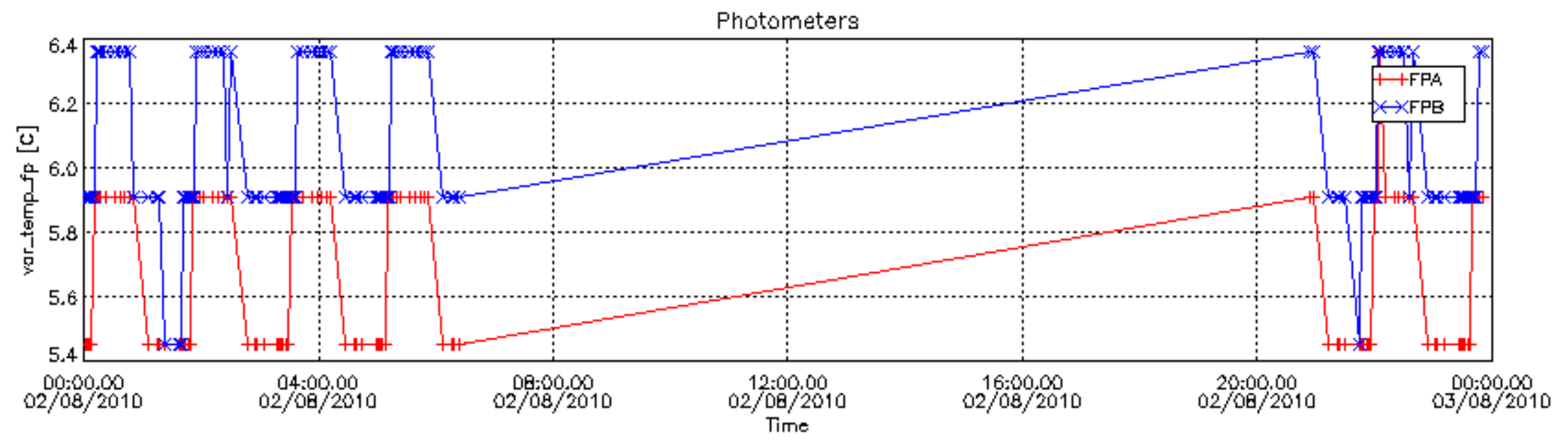
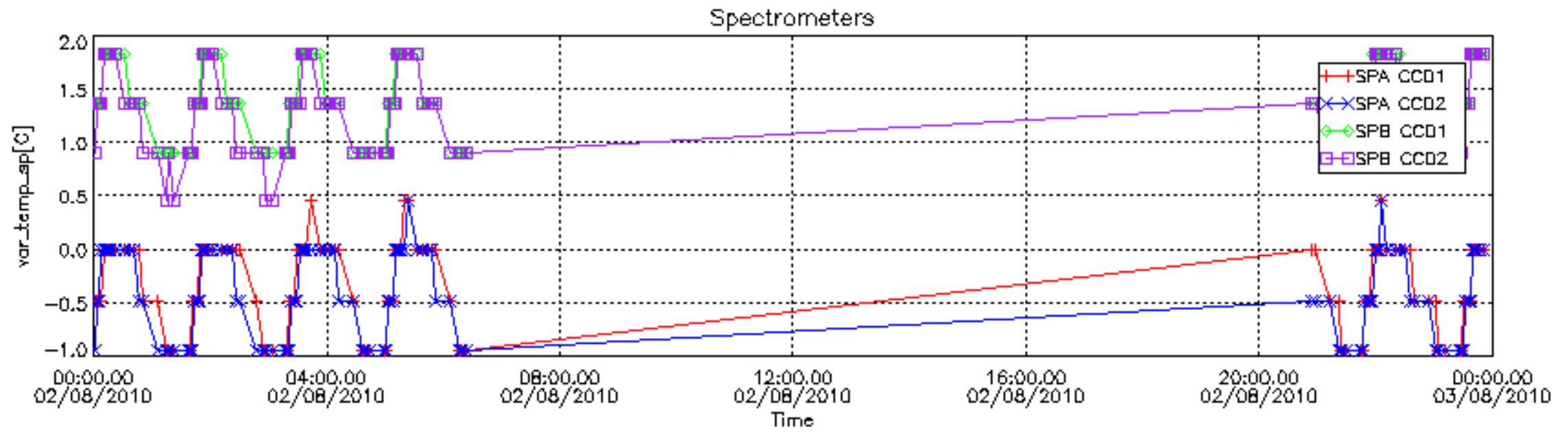


### 8. Auxiliary Data Files used for the production reported in section 2.4

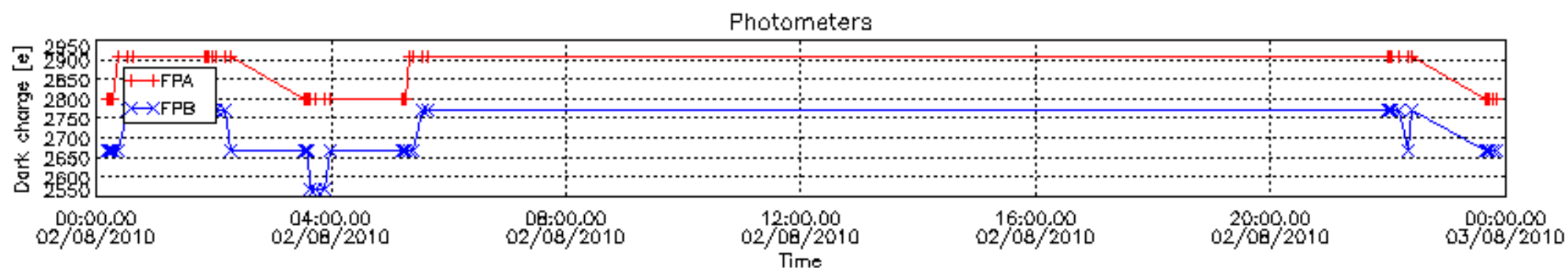
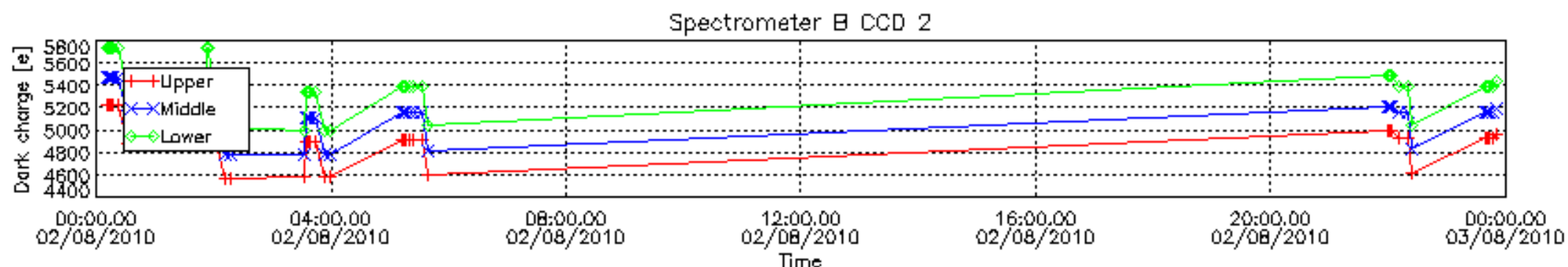
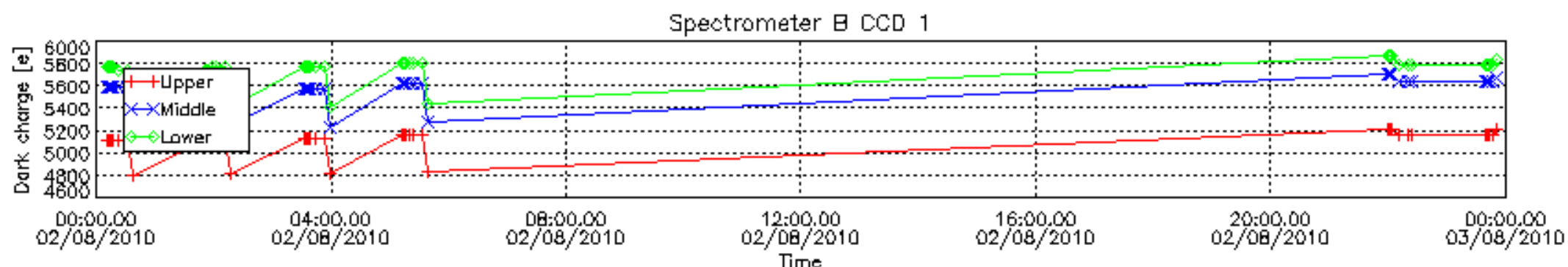
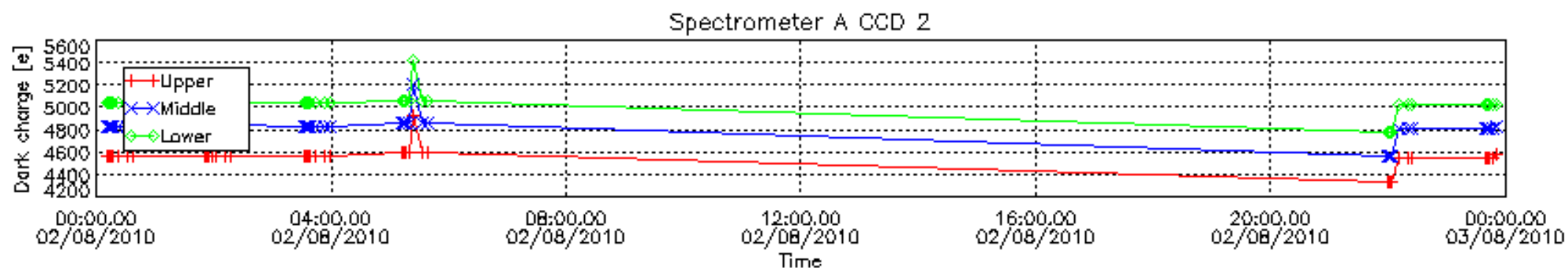
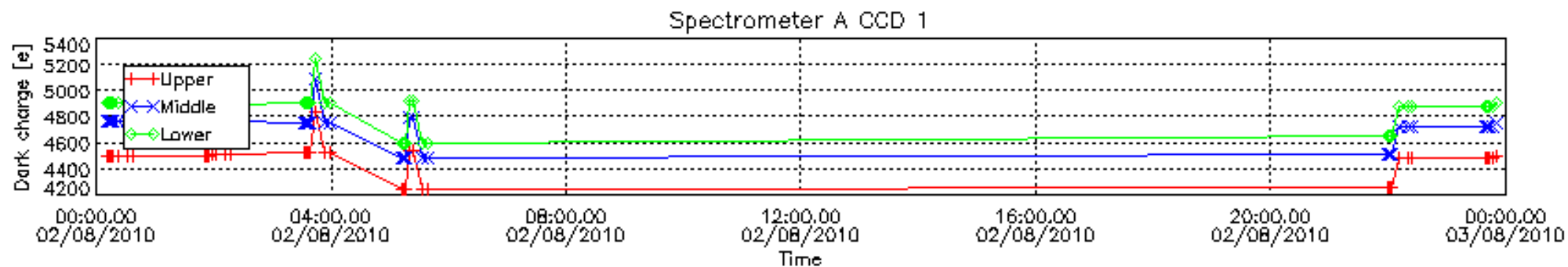
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

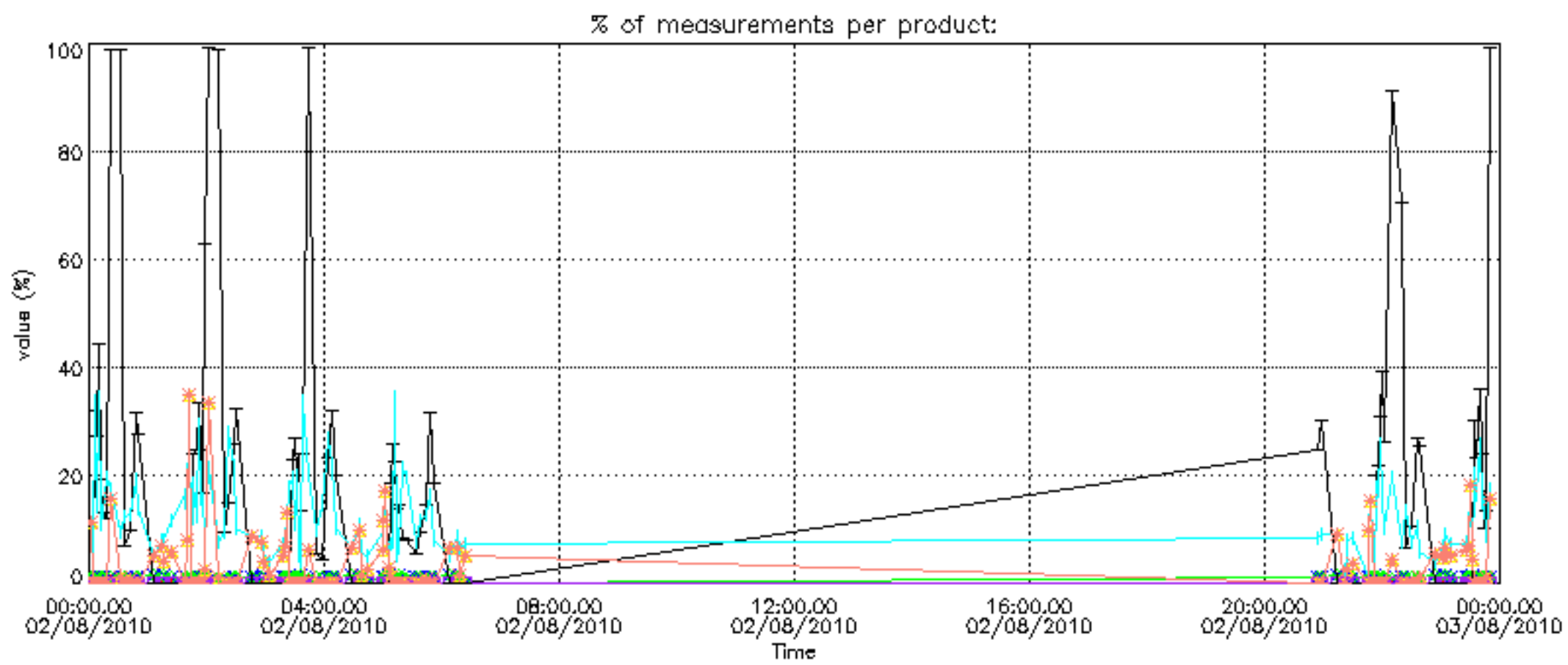
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-AUG-2010 00:01:06
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100727_083506_20100725_000000_20500101_000000	1	02-AUG-2010 00:01:06
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	02-AUG-2010 00:01:06
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	02-AUG-2010 00:01:06
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	02-AUG-2010 00:01:06
ECMWF_FILE	AUX_ECF_AXNECM20100801_054112_20100801_210000_20100802_090000	1	02-AUG-2010 00:01:06
ECMWF_FILE	AUX_ECF_AXNECM20100801_173632_20100802_030000_20100802_150000	39	02-AUG-2010 03:18:32
ECMWF_FILE	AUX_ECA_AXNECM20100802_052113_20100801_210000_20100802_090000	59	02-AUG-2010 04:59:08
ECMWF_FILE	AUX_ECF_AXNECM20100802_052114_20100802_150000_20100803_030000	79	02-AUG-2010 20:54:24
ECMWF_FILE	AUX_ECF_AXNECM20100802_054114_20100802_210000_20100803_090000	94	02-AUG-2010 22:05:16
OPTIONAL_ECMWF_FILE	MISSING	1	02-AUG-2010 00:01:06
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100801_223439_000057382091_00387_44028_0868.N1	1	02-AUG-2010 00:01:06
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100802_001536_000057382091_00388_44029_0869.N1	9	02-AUG-2010 00:22:03
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100802_015633_000041442091_00389_44030_0870.N1	28	02-AUG-2010 01:57:59
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100802_031056_000057382091_00390_44031_0871.N1	39	02-AUG-2010 03:18:32
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100802_045153_000057382091_00391_44032_0872.N1	59	02-AUG-2010 04:59:08
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100802_205334_000038252091_00401_44042_0873.N1	79	02-AUG-2010 20:54:24
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100802_220239_000057382091_00401_44042_0874.N1	94	02-AUG-2010 22:05:16
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100802_234336_000057382091_00402_44043_0875.N1	115	02-AUG-2010 23:50:40



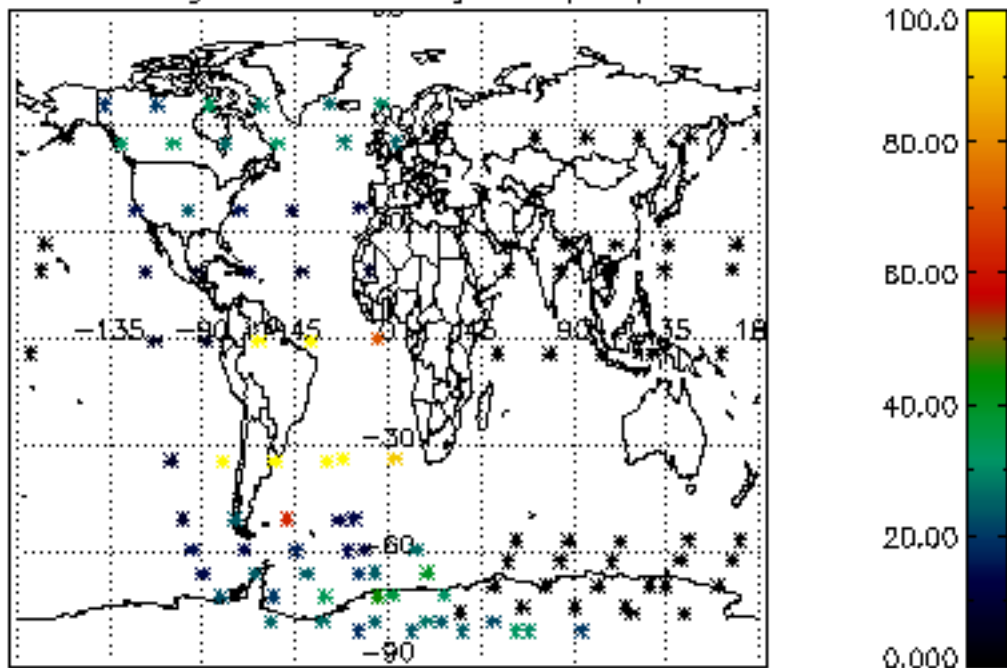




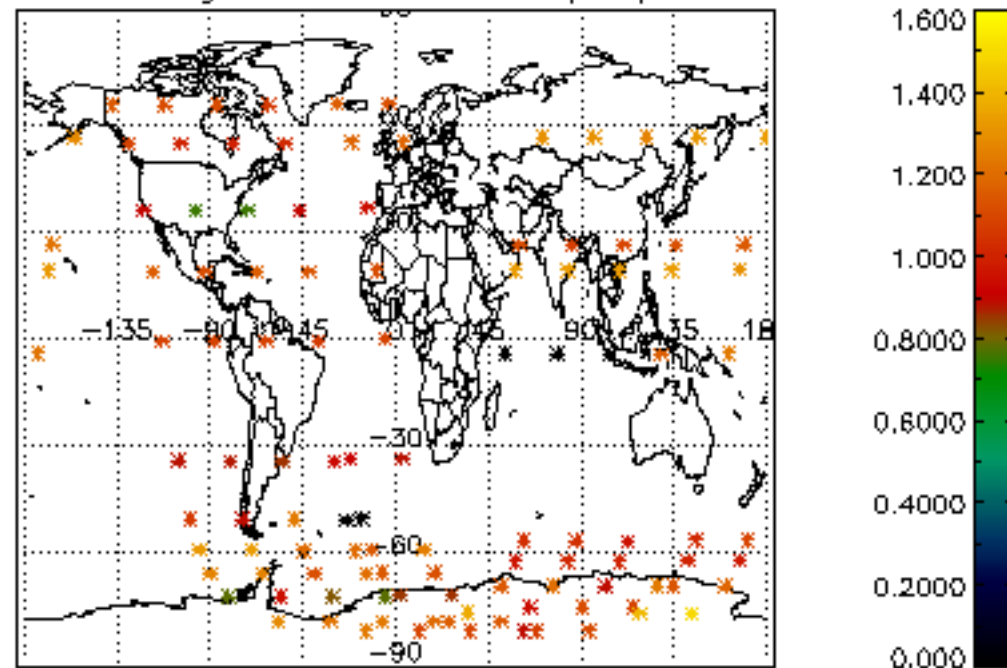




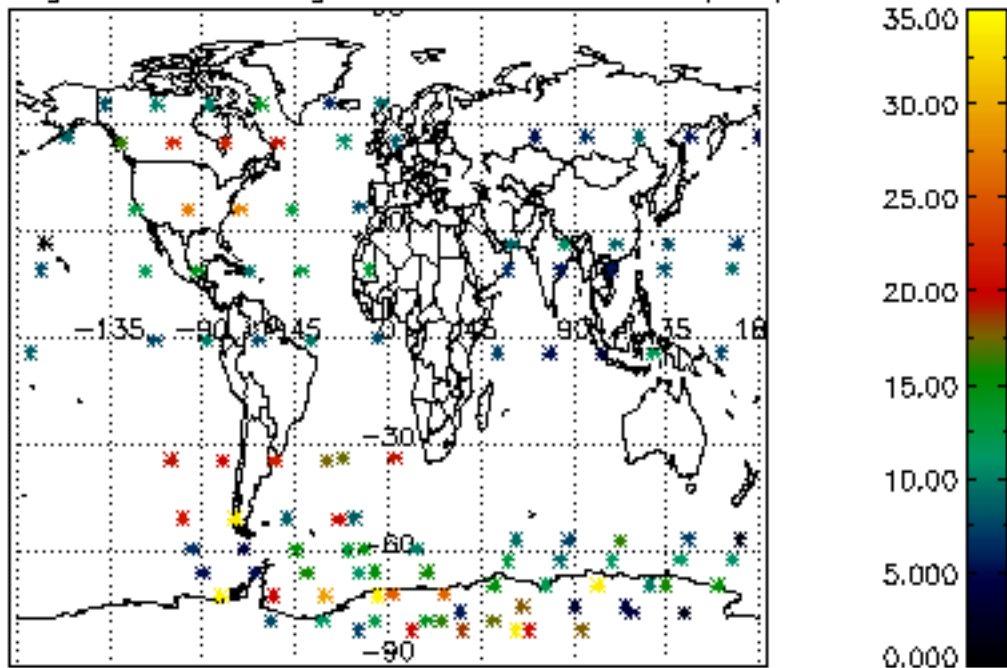
Percentage of cosmic ray hits per profile



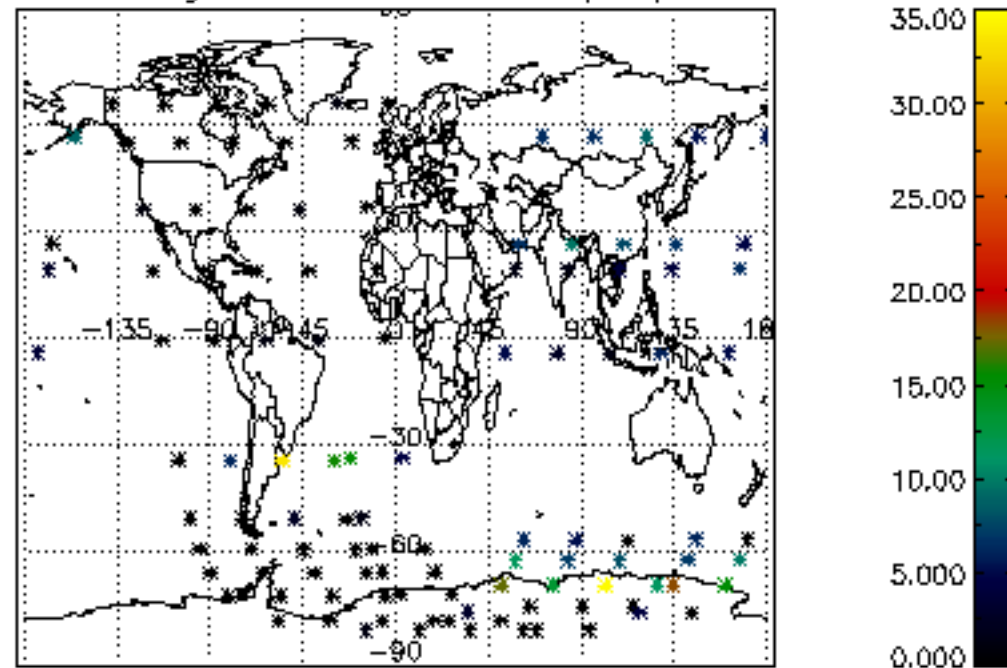
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

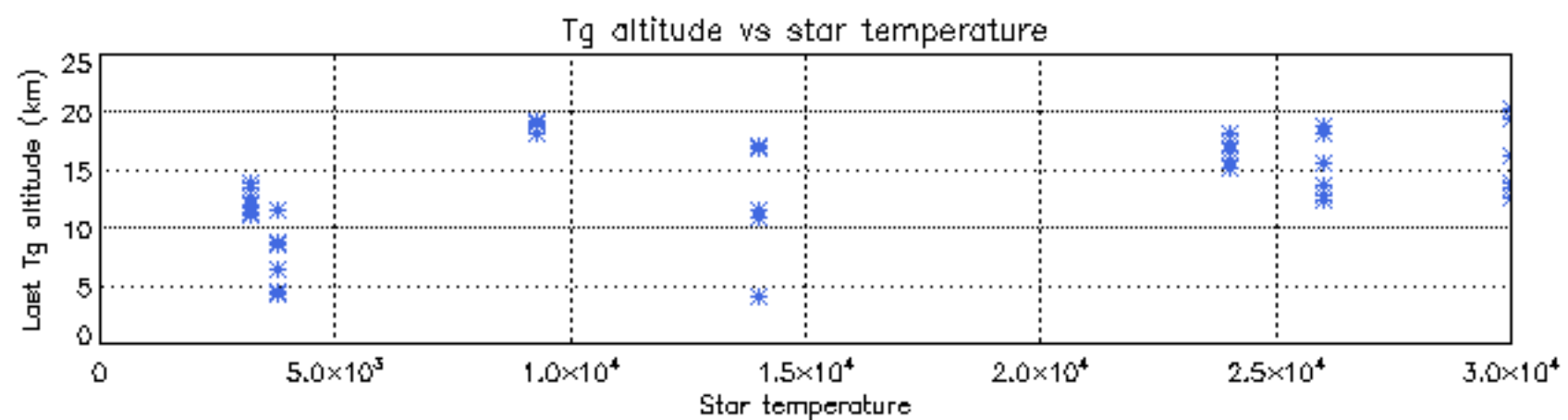
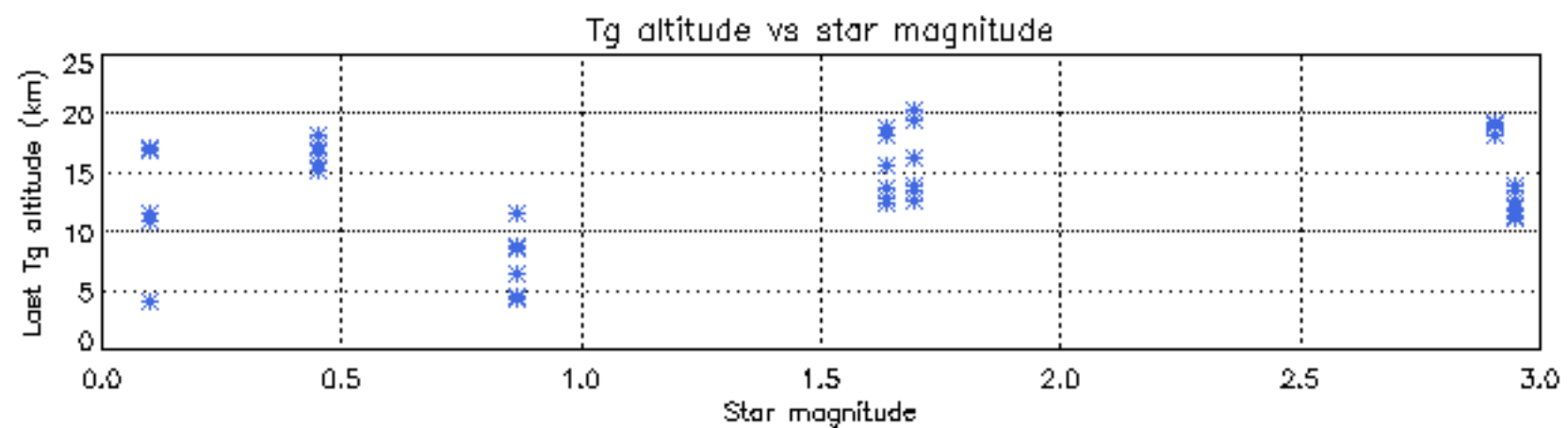
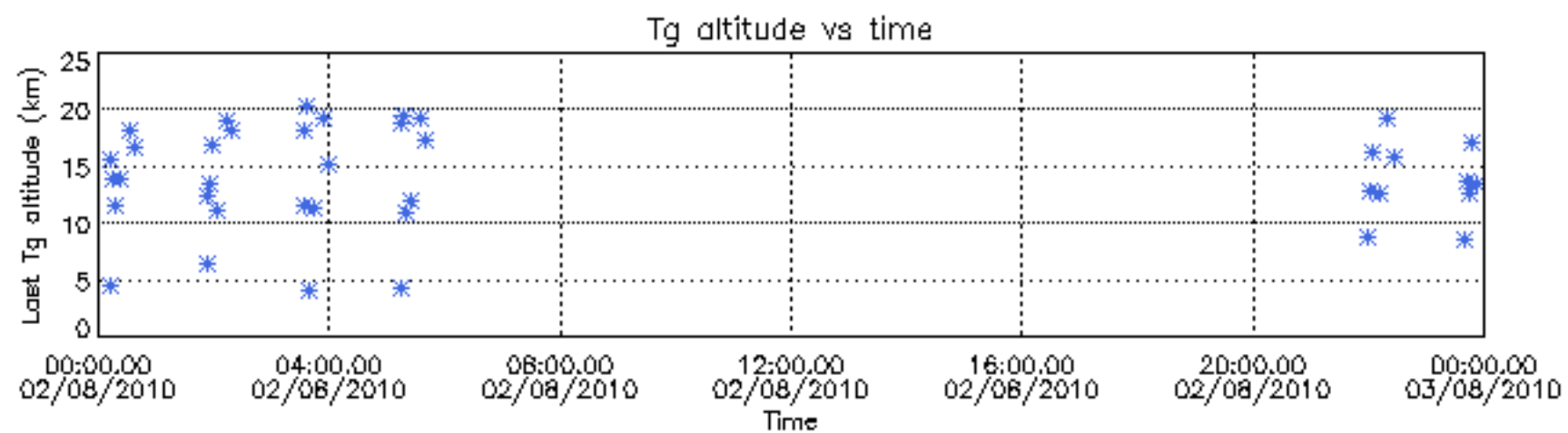


Percentage of saturation errors per profile

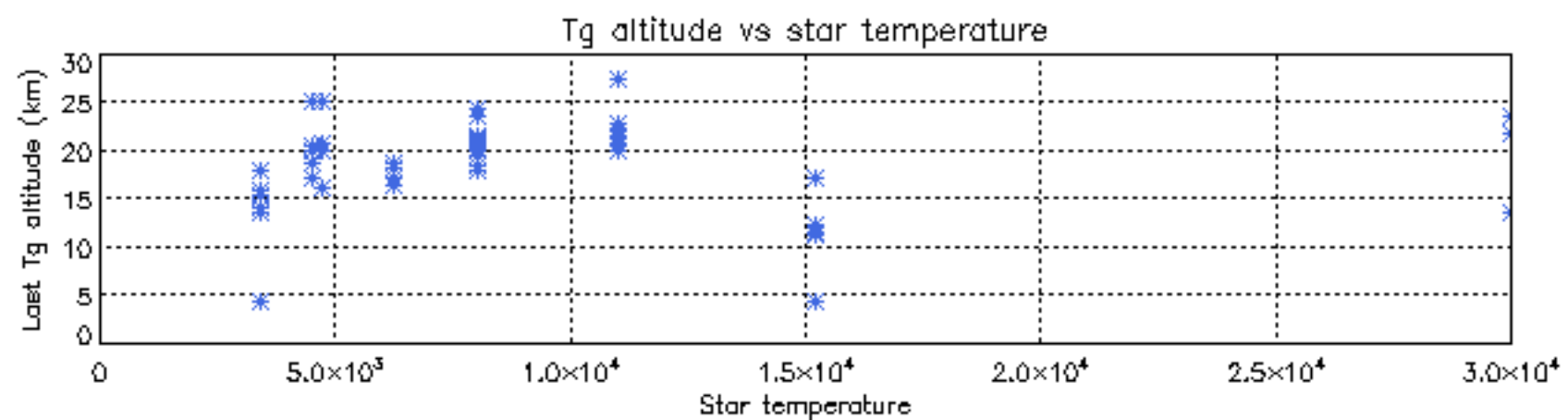
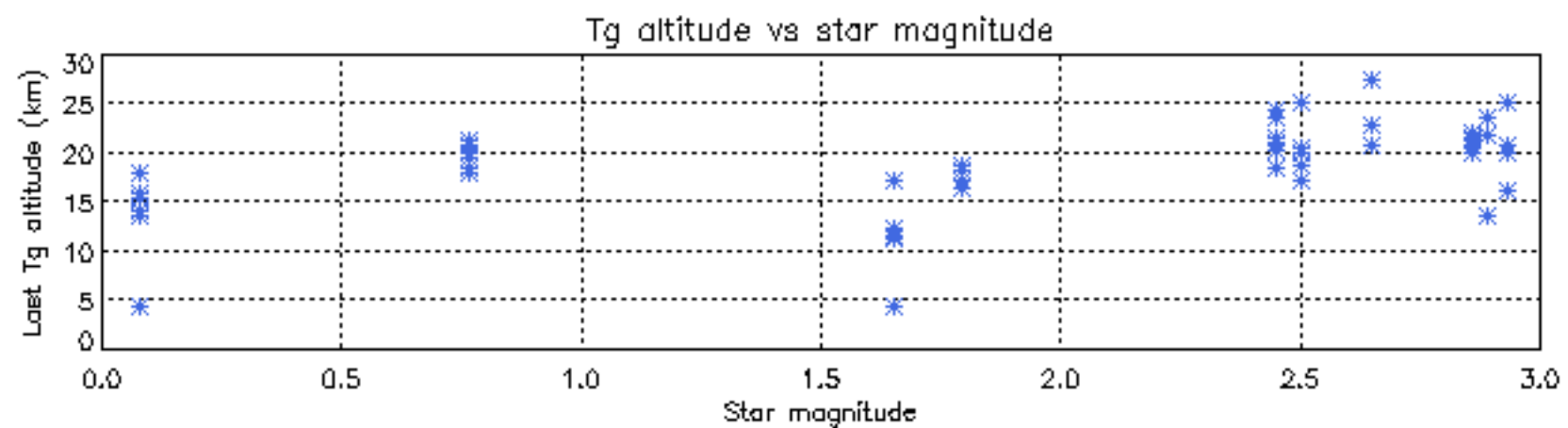
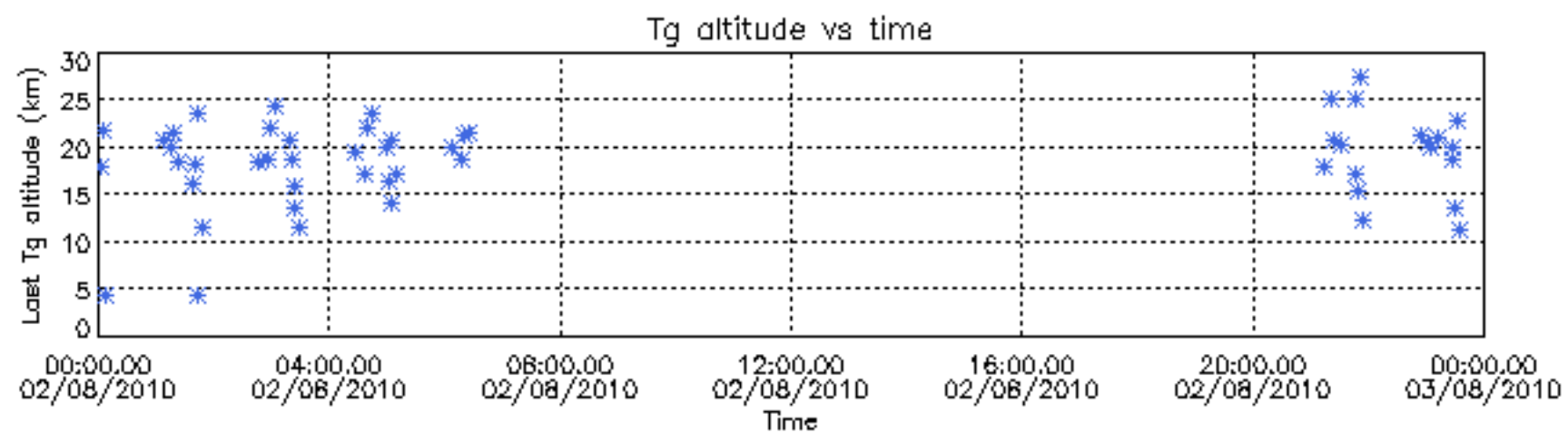


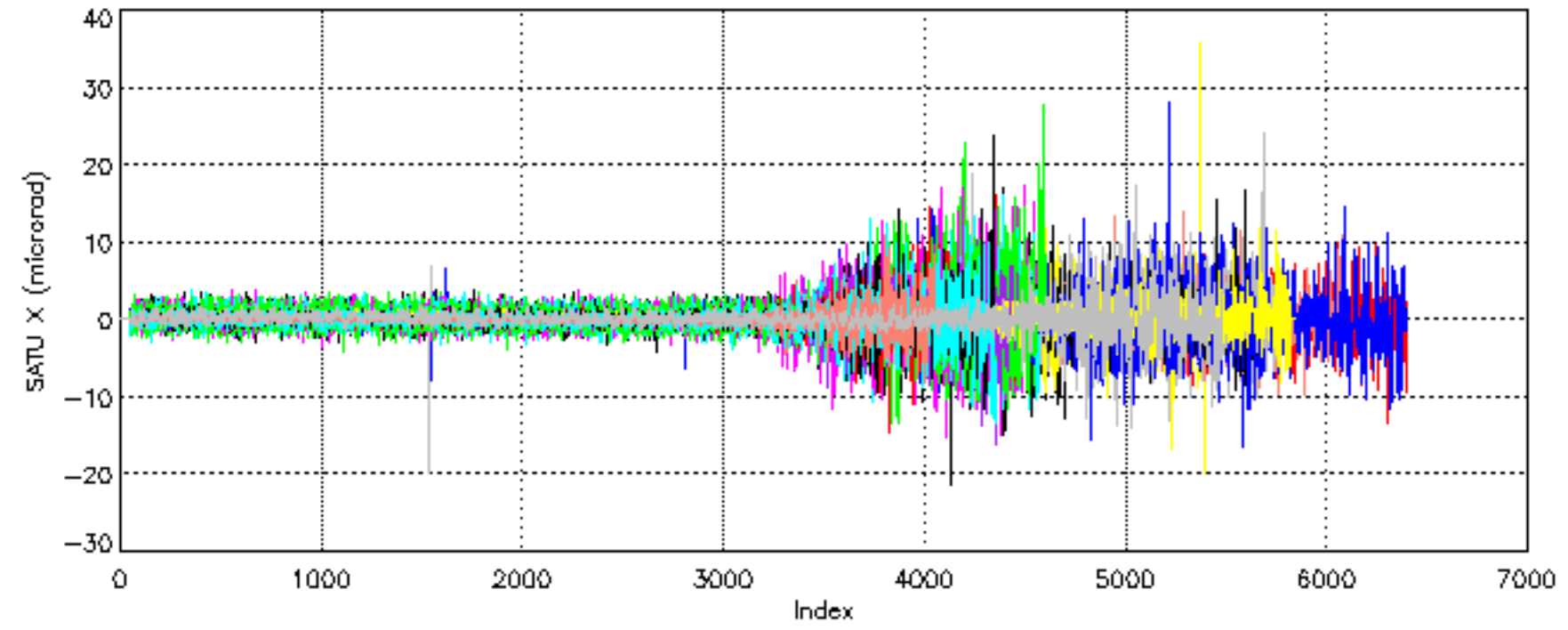


Tangent altitude at which the star is lost

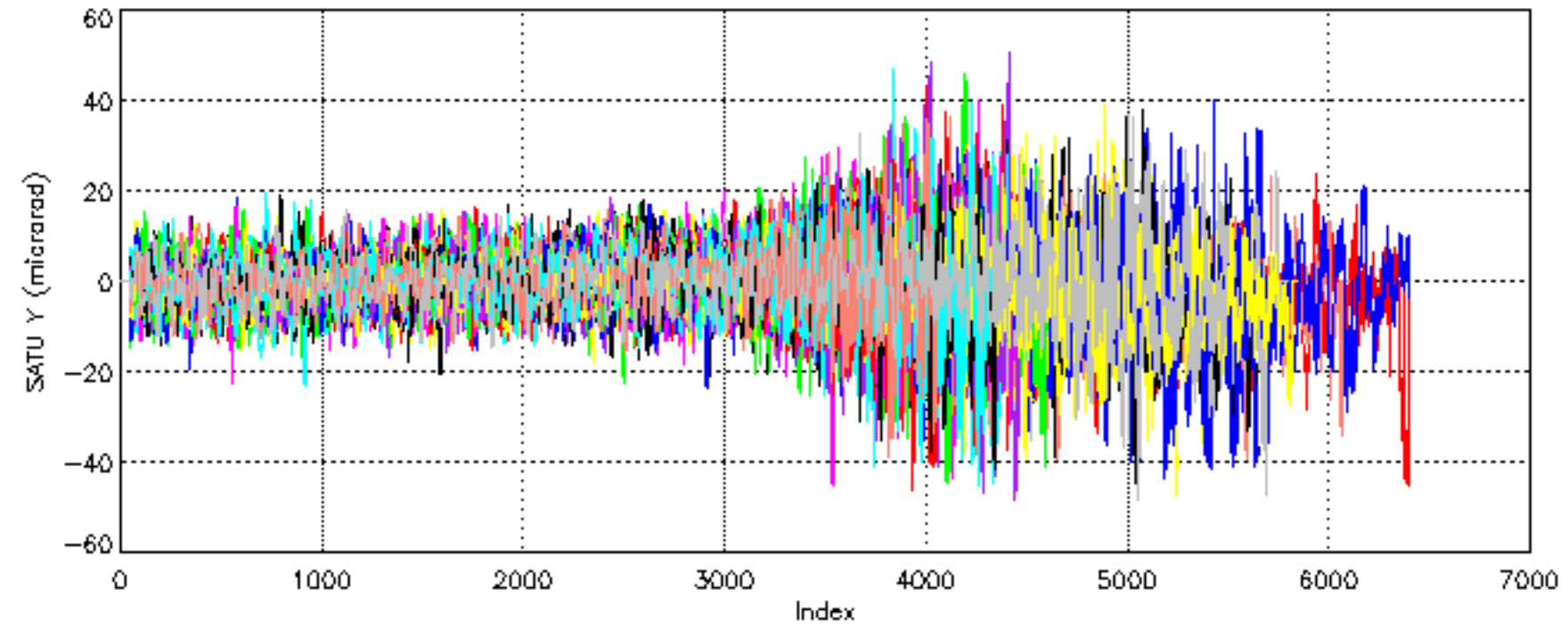


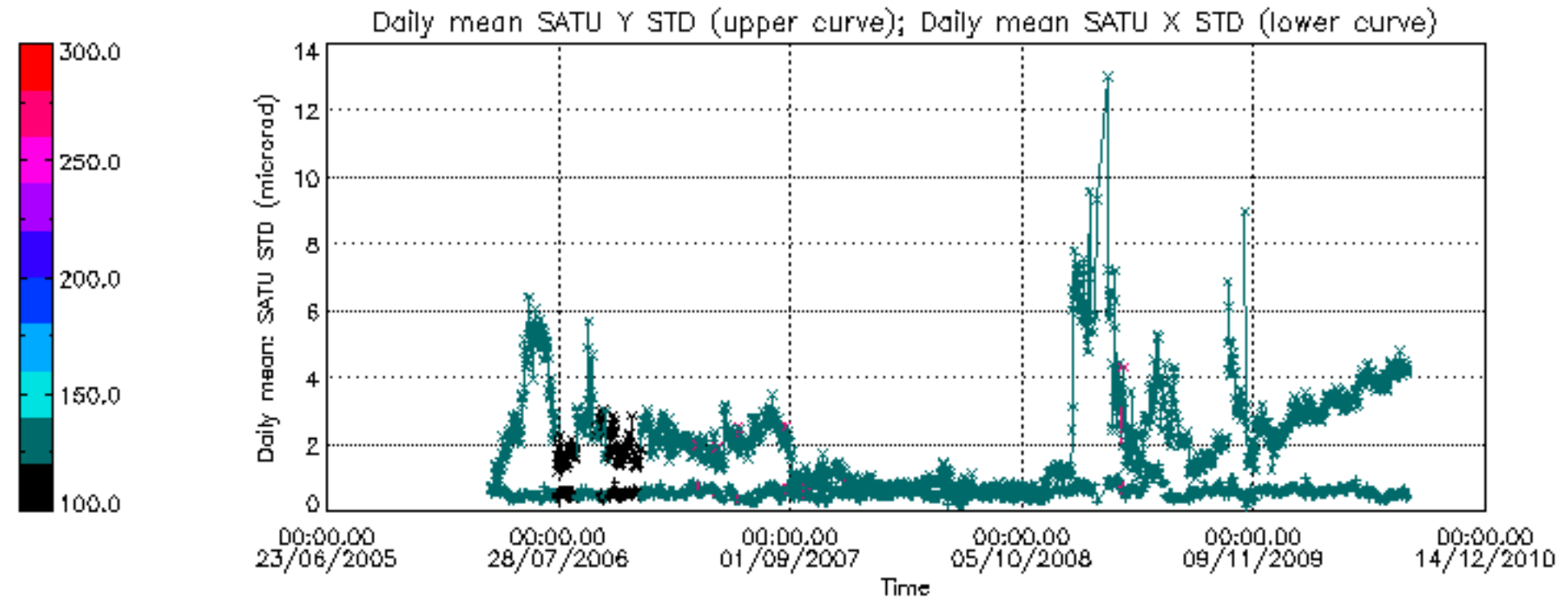
Tangent altitude at which the star is lost











/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20100801\_005326\_000072522091\_00374\_44015\_0601.N1

1; -592.7; 01-AUG-2010 00:53:26; Dark ; 56.0; 165; 34Gam Eri ; 2.95; 3200;occ; 112; 0;44015  
 2; -304.7; 01-AUG-2010 00:58:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44015  
 3; -27.8; 01-AUG-2010 01:02:51; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44015  
 4; 304.4; 01-AUG-2010 01:08:23; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44016  
 5; 589.1; 01-AUG-2010 01:13:08; Dark ; 64.5; 84; Alp Phe ; 2.40; 4500;occ; 129; 0;44016  
 6; 917.6; 01-AUG-2010 01:18:36; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;44016  
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6; 2554.8; 04-AUG-2010 20:18:14; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44070
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9; 4127.8; 04-AUG-2010 20:44:27; Bright; 46.0; 175; 39Del Per ; 3.01; 19400;occ; 92; 0;44070
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7; 342.4; 04-AUG-2010 21:21:58; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44071
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9; 945.0; 04-AUG-2010 21:32:00; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;44071
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23; 5043.1; 04-AUG-2010 22:40:18; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44071
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2; -518.2; 06-AUG-2010 01:37:48; Dark ; 58.0; 165; 34Gam Eri ; 2.95; 3200;occ; 116; 0;44087
3; -251.8; 06-AUG-2010 01:42:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44087
4; 44.7; 06-AUG-2010 01:47:11; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;44088
5; 354.0; 06-AUG-2010 01:52:20; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44088
6; 664.1; 06-AUG-2010 01:57:30; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44088
7; 953.2; 06-AUG-2010 02:02:19; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;44088
8; 1138.7; 06-AUG-2010 02:05:25; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;44088
9; 1576.7; 06-AUG-2010 02:12:43; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;44088
10; 1811.2; 06-AUG-2010 02:16:37; Bright; 50.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 100; 0;44088
11; 2056.7; 06-AUG-2010 02:20:42; Bright; 39.0; 11; 53Alp Aql ; 0.76; 8000;occ; 78; 0;44088
12; 2547.1; 06-AUG-2010 02:28:53; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44088
13; 2682.6; 06-AUG-2010 02:31:08; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44088
14; 3063.0; 06-AUG-2010 02:37:29; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44088
15; 3547.7; 06-AUG-2010 02:45:34; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44088
16; 3626.9; 06-AUG-2010 02:46:53; Bright; 8.5; 110; 37Del Cas ; 2.68; 8900;occ; 17; 0;44088
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2; 1577.7; 06-AUG-2010 20:39:19; Bright; 51.5; 142; 49Del Cap ; 2.85; 8900;occ; 103; 0;44099
3; 1809.9; 06-AUG-2010 20:43:11; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44099
4; 2542.7; 06-AUG-2010 20:55:24; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44099
5; 2624.1; 06-AUG-2010 20:56:45; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44099
6; 2732.9; 06-AUG-2010 20:58:34; Bright; 44.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 89; 0;44099
7; 3059.1; 06-AUG-2010 21:04:00; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44099

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8; 3540.0; 06-AUG-2010 21:12:01; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44099  
 9; 3619.6; 06-AUG-2010 21:13:21; Bright; 38.0; 110; 37Del Cas ; 2.68; 8900;occ; 76; 0;44099  
 10; 3946.9; 06-AUG-2010 21:18:48; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;44099  
 11; 4053.6; 06-AUG-2010 21:20:35; Bright; 44.0; 35; 33Alp Per ; 1.79; 6250;occ; 88; 0;44099  
 12; 4200.6; 06-AUG-2010 21:23:02; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;44099  
 13; 4310.8; 06-AUG-2010 21:24:52; Bright; 54.5; 149; 45Eps Per ; 2.89; 30000;occ; 109; 0;44099  
 14; 4528.3; 06-AUG-2010 21:28:30; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44099  
 15; 4657.0; 06-AUG-2010 21:30:38; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44099  
 16; 4824.0; 06-AUG-2010 21:33:25; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;44099  
 17; 4939.4; 06-AUG-2010 21:35:21; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44099  
 18; 5054.8; 06-AUG-2010 21:37:16; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44099  
 19; 5136.1; 06-AUG-2010 21:38:37; Dark ; 41.5; 125; 44Iot Ori ; 2.77; 30000;occ; 83; 0;44099  
 20; 5211.9; 06-AUG-2010 21:39:53; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;44099

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 3; 362.7; 06-AUG-2010 21:59:40; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44100  
 4; 676.2; 06-AUG-2010 22:04:53; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44100  
 5; 959.0; 06-AUG-2010 22:09:36; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;44100  
 6; 1184.8; 06-AUG-2010 22:13:22; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;44100  
 7; 1577.7; 06-AUG-2010 22:19:55; Bright; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44100  
 8; 1809.5; 06-AUG-2010 22:23:47; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44100  
 9; 2542.2; 06-AUG-2010 22:35:59; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44100  
 10; 2623.4; 06-AUG-2010 22:37:21; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44100  
 11; 2732.5; 06-AUG-2010 22:39:10; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44100  
 12; 3058.7; 06-AUG-2010 22:44:36; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44100  
 13; 3539.1; 06-AUG-2010 22:52:36; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44100  
 14; 3618.5; 06-AUG-2010 22:53:56; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;44100  
 15; 3946.5; 06-AUG-2010 22:59:24; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;44100  
 16; 4053.3; 06-AUG-2010 23:01:10; Bright; 40.0; 35; 33Alp Per ; 1.79; 6250;occ; 80; 0;44100  
 17; 4200.3; 06-AUG-2010 23:03:37; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;44100  
 18; 4310.7; 06-AUG-2010 23:05:28; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;44100  
 19; 4528.0; 06-AUG-2010 23:09:05; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44100  
 20; 4657.5; 06-AUG-2010 23:11:15; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44100  
 21; 4824.3; 06-AUG-2010 23:14:02; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;44100  
 22; 4939.8; 06-AUG-2010 23:15:57; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;44100  
 23; 5055.2; 06-AUG-2010 23:17:52; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44100  
 24; 5136.3; 06-AUG-2010 23:19:13; Dark ; 38.5; 125; 44Iot Ori ; 2.77; 30000;occ; 77; 0;44100  
 25; 5212.9; 06-AUG-2010 23:20:30; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;44100

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 3; 676.7; 06-AUG-2010 23:45:30; Dark ; 63.5; 84; Alp Phe ; 2.40; 4500;occ; 127; 0;44101  
 4; 958.9; 06-AUG-2010 23:50:12; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;44101  
 5; 1185.6; 06-AUG-2010 23:53:59; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;44101  
 6; 1577.4; 07-AUG-2010 00:00:30; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44101  
 7; 1809.5; 07-AUG-2010 00:04:23; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44101  
 8; 2541.9; 07-AUG-2010 00:16:35; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44101  
 9; 2623.5; 07-AUG-2010 00:17:57; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44101  
 10; 2732.0; 07-AUG-2010 00:19:45; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44101  
 11; 3058.5; 07-AUG-2010 00:25:12; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44101  
 12; 3538.5; 07-AUG-2010 00:33:12; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44101  
 13; 3617.9; 07-AUG-2010 00:34:31; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;44101  
 14; 3946.1; 07-AUG-2010 00:39:59; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;44101  
 15; 4052.9; 07-AUG-2010 00:41:46; Bright; 40.0; 35; 33Alp Per ; 1.79; 6250;occ; 80; 0;44101  
 16; 4200.3; 07-AUG-2010 00:44:13; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44101  
 17; 4310.6; 07-AUG-2010 00:46:04; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;44101  
 18; 4528.0; 07-AUG-2010 00:49:41; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;44101  
 19; 4657.8; 07-AUG-2010 00:51:51; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;44101  
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 21; 4940.1; 07-AUG-2010 00:56:33; Dark ; 43.0; 27; 24Gam Ori ; 1.64; 26000;occ; 86; 0;44101  
 22; 5055.5; 07-AUG-2010 00:58:29; Dark ; 40.5; 30; 46Eps Ori ; 1.69; 30000;occ; 81; 0;44101  
 23; 5136.5; 07-AUG-2010 00:59:50; Dark ; 39.0; 125; 44Iot Ori ; 2.77; 30000;occ; 78; 0;44101  
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 3; 1577.6; 06-AUG-2010 18:58:43; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;44098



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5; 2543.0; 06-AUG-2010 19:14:48; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44098
6; 2624.1; 06-AUG-2010 19:16:09; Bright; 42.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 85; 0;44098
7; 2733.2; 06-AUG-2010 19:17:58; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44098
8; 3059.1; 06-AUG-2010 19:23:24; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44098
9; 3540.7; 06-AUG-2010 19:31:26; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44098
10; 3620.1; 06-AUG-2010 19:32:45; Bright; 38.0; 110; 37Del Cas ; 2.68; 8900;occ; 76; 0;44098
11; 3947.5; 06-AUG-2010 19:38:13; Bright; 49.5; 160; 23Gam Per ; 2.93; 4700;occ; 99; 0;44098
12; 4054.0; 06-AUG-2010 19:39:59; Bright; 44.0; 35; 33Alp Per ; 1.79; 6250;occ; 88; 0;44098
13; 4200.4; 06-AUG-2010 19:42:26; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;44098
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15; 4528.1; 06-AUG-2010 19:47:53; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44098
16; 4657.0; 06-AUG-2010 19:50:02; Dark ; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;44098
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18; 4939.0; 06-AUG-2010 19:54:44; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;44098
19; 5054.3; 06-AUG-2010 19:56:40; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44098
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21; 5211.6; 06-AUG-2010 19:59:17; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;44098
22; 5498.1; 06-AUG-2010 20:04:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44098
23; 6092.4; 06-AUG-2010 20:13:58; Dark ; 47.0; 157; The1Eri ; 2.91; 9300;occ; 94; 0;44099
24; 6397.9; 06-AUG-2010 20:19:03; Dark ; 53.0; 9; Alp Eri ; 0.45; 24000;occ; 106; 0;44099
25; 6711.1; 06-AUG-2010 20:24:16; Dark ; 65.0; 84; Alp Phe ; 2.40; 4500;occ; 130; 0;44099
26; 6994.6; 06-AUG-2010 20:29:00; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;44099
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3; 678.1; 07-AUG-2010 01:26:07; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44102
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4; 959.3; 07-AUG-2010 01:30:48; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;44102
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23; 5137.3; 07-AUG-2010 02:40:26; Dark ; 39.5; 125; 44Iot Ori ; 2.77; 30000;occ; 79; 0;44102
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26; 6096.5; 07-AUG-2010 02:56:25; Dark ; 45.5; 157; The1Eri ; 2.91; 9300;occ; 91; 0;44103
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28; 6715.1; 07-AUG-2010 03:06:44; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44103
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31; 7613.8; 07-AUG-2010 03:21:43; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;44103
32; 7845.6; 07-AUG-2010 03:25:35; Bright; 47.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 95; 0;44103
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27; 5142.5; 07-AUG-2010 22:47:43; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44114
28; 5220.6; 07-AUG-2010 22:49:01; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;44114
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4; 73.2; 07-AUG-2010 23:03:49; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;44115

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6; 691.0; 07-AUG-2010 23:14:07; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44115  
7; 965.4; 07-AUG-2010 23:18:41; Dark ; 51.5; 31; Alp Gru ; 1.73; 15200;occ; 103; 0;44115  
8; 1193.1; 07-AUG-2010 23:22:29; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44115  
9; 1579.0; 07-AUG-2010 23:28:55; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44115  
10; 1808.0; 07-AUG-2010 23:32:44; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44115  
11; 2536.0; 07-AUG-2010 23:44:52; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44115  
12; 2619.4; 07-AUG-2010 23:46:15; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;44115  
13; 2726.8; 07-AUG-2010 23:48:03; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44115  
14; 3052.9; 07-AUG-2010 23:53:29; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44115  
15; 3528.2; 08-AUG-2010 00:01:24; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44115  
16; 3608.1; 08-AUG-2010 00:02:44; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;44115  
17; 3939.7; 08-AUG-2010 00:08:16; Bright; 26.0; 160; 23Gam Per ; 2.93; 4700;occ; 52; 0;44115  
18; 4116.4; 08-AUG-2010 00:11:13; Bright; 46.5; 175; 39Del Per ; 3.01; 19400;occ; 93; 0;44115  
19; 4356.4; 08-AUG-2010 00:15:12; Bright; 36.5; 107; 37The Aur ; 2.65; 11000;occ; 73; 0;44115  
20; 4530.7; 08-AUG-2010 00:18:07; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;44115  
21; 4661.1; 08-AUG-2010 00:20:17; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44115  
22; 4831.9; 08-AUG-2010 00:23:08; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;44115  
23; 4946.1; 08-AUG-2010 00:25:02; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44115  
24; 5061.1; 08-AUG-2010 00:26:57; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44115  
25; 5142.9; 08-AUG-2010 00:28:19; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44115  
26; 5220.9; 08-AUG-2010 00:29:37; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;44115

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2; -528.5; 08-AUG-2010 00:34:24; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44115  
3; 74.3; 08-AUG-2010 00:44:26; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44116  
4; 373.3; 08-AUG-2010 00:49:25; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44116  
5; 691.9; 08-AUG-2010 00:54:44; Dark ; 65.5; 84; Alp Phe ; 2.40; 4500;occ; 131; 0;44116  
6; 965.9; 08-AUG-2010 00:59:18; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44116  
7; 1193.8; 08-AUG-2010 01:03:06; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44116  
8; 1578.8; 08-AUG-2010 01:09:31; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;44116  
9; 1807.7; 08-AUG-2010 01:13:20; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44116  
10; 2535.7; 08-AUG-2010 01:25:28; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44116  
11; 2619.0; 08-AUG-2010 01:26:51; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44116  
12; 2726.3; 08-AUG-2010 01:28:38; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44116  
13; 3052.7; 08-AUG-2010 01:34:05; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44116  
14; 3527.6; 08-AUG-2010 01:42:00; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44116  
15; 3607.6; 08-AUG-2010 01:43:20; Bright; 31.0; 110; 37Del Cas ; 2.68; 8900;occ; 62; 0;44116  
16; 4116.3; 08-AUG-2010 01:51:48; Bright; 47.5; 175; 39Del Per ; 3.01; 19400;occ; 95; 0;44116  
17; 4356.7; 08-AUG-2010 01:55:49; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44116  
18; 4530.9; 08-AUG-2010 01:58:43; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;44116  
19; 4661.4; 08-AUG-2010 02:00:53; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44116  
20; 4832.0; 08-AUG-2010 02:03:44; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;44116  
21; 4946.5; 08-AUG-2010 02:05:39; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44116  
22; 5061.9; 08-AUG-2010 02:07:34; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;44116  
23; 5143.5; 08-AUG-2010 02:08:56; Dark ; 40.5; 125; 44Iot Ori ; 2.77; 30000;occ; 81; 0;44116

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2; -813.9; 08-AUG-2010 02:10:14; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;44116  
3; -690.6; 08-AUG-2010 02:12:17; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44116  
4; -527.9; 08-AUG-2010 02:15:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44116  
5; 75.4; 08-AUG-2010 02:25:03; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44117  
6; 374.1; 08-AUG-2010 02:30:02; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44117  
7; 692.6; 08-AUG-2010 02:35:20; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44117  
8; 966.1; 08-AUG-2010 02:39:54; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;44117  
9; 1194.3; 08-AUG-2010 02:43:42; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44117  
10; 1579.4; 08-AUG-2010 02:50:07; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44117  
11; 1807.6; 08-AUG-2010 02:53:56; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;44117  
12; 2535.8; 08-AUG-2010 03:06:04; Bright; 43.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 86; 0;44117  
13; 2618.7; 08-AUG-2010 03:07:27; Bright; 41.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 83; 0;44117  
14; 2726.2; 08-AUG-2010 03:09:14; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44117  
15; 3052.6; 08-AUG-2010 03:14:40; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44117  
16; 3526.8; 08-AUG-2010 03:22:35; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44117

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2; -2429.1; 08-AUG-2010 03:23:55; Bright; 31.0; 110; 37Del Cas ; 2.68; 8900;occ; 62; 0;44117  
3; -1920.0; 08-AUG-2010 03:32:24; Bright; 46.5; 175; 39Del Per ; 3.01; 19400;occ; 93; 0;44117  
4; -1679.3; 08-AUG-2010 03:36:25; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44117

5; -1505.0; 08-AUG-2010 03:39:19; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44117  
6; -1374.1; 08-AUG-2010 03:41:30; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;44117  
7; -1203.3; 08-AUG-2010 03:44:21; Dark ; 64.5; 13; 87Alp Tau ; 0.87; 3800;occ; 129; 0;44117  
8; -1088.9; 08-AUG-2010 03:46:15; Dark ; 44.0; 27; 24Gam Ori ; 1.64; 26000;occ; 88; 0;44117  
9; -973.1; 08-AUG-2010 03:48:11; Dark ; 42.0; 30; 46Eps Ori ; 1.69; 30000;occ; 84; 0;44117  
10; -891.9; 08-AUG-2010 03:49:32; Dark ; 41.0; 125; 44Iot Ori ; 2.77; 30000;occ; 82; 0;44117  
11; -813.7; 08-AUG-2010 03:50:50; Dark ; 50.0; 7; 19Bet Ori ; 0.10; 14000;occ; 100; 0;44117  
12; -690.2; 08-AUG-2010 03:52:54; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44117  
13; -527.3; 08-AUG-2010 03:55:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44117  
14; 76.8; 08-AUG-2010 04:05:41; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44118  
15; 375.1; 08-AUG-2010 04:10:39; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44118  
16; 694.1; 08-AUG-2010 04:15:58; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44118  
17; 966.9; 08-AUG-2010 04:20:31; Dark ; 49.5; 31; Alp Gru ; 1.73; 15200;occ; 99; 0;44118  
18; 1194.8; 08-AUG-2010 04:24:19; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44118  
19; 1579.3; 08-AUG-2010 04:30:43; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44118  
20; 1807.7; 08-AUG-2010 04:34:32; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;44118  
21; 2535.4; 08-AUG-2010 04:46:39; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44118  
22; 2619.0; 08-AUG-2010 04:48:03; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44118  
23; 2726.1; 08-AUG-2010 04:49:50; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44118  
24; 3052.6; 08-AUG-2010 04:55:16; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;44118  
25; 3526.1; 08-AUG-2010 05:03:10; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44118  
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3; -1679.0; 08-AUG-2010 05:17:01; Bright; 36.0; 107; 37The Aur ; 2.65; 11000;occ; 72; 0;44118  
4; -1504.7; 08-AUG-2010 05:19:55; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;44118  
5; -1373.8; 08-AUG-2010 05:22:06; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;44118  
6; -1202.9; 08-AUG-2010 05:24:57; Dark ; 53.5; 13; 87Alp Tau ; 0.87; 3800;occ; 107; 0;44118  
7; -1088.5; 08-AUG-2010 05:26:51; Dark ; 43.0; 27; 24Gam Ori ; 1.64; 26000;occ; 86; 0;44118  
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11; -689.2; 08-AUG-2010 05:33:31; Dark ; 45.0; 101; 11Alp Lep ; 2.58; 7000;occ; 90; 0;44118  
12; -526.7; 08-AUG-2010 05:36:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44118  
13; 77.8; 08-AUG-2010 05:46:18; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44119  
14; 375.8; 08-AUG-2010 05:51:16; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44119  
15; 695.0; 08-AUG-2010 05:56:35; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;44119  
16; 967.5; 08-AUG-2010 06:01:07; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44119  
17; 1195.3; 08-AUG-2010 06:04:55; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44119  
18; 1579.5; 08-AUG-2010 06:11:19; Bright; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44119  
19; 1807.5; 08-AUG-2010 06:15:07; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44119  
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21; 2619.0; 08-AUG-2010 06:28:39; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44119  
22; 2725.8; 08-AUG-2010 06:30:26; Bright; 43.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 87; 0;44119  
23; 3052.1; 08-AUG-2010 06:35:52; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44119  
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3; -1678.8; 08-AUG-2010 06:57:37; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;44119  
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6; -1202.2; 08-AUG-2010 07:05:34; Dark ; 60.0; 13; 87Alp Tau ; 0.87; 3800;occ; 120; 0;44119  
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11; -688.8; 08-AUG-2010 07:14:07; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44119  
12; -526.1; 08-AUG-2010 07:16:50; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44119  
13; 79.2; 08-AUG-2010 07:26:55; Dark ; 47.0; 157; The1Eri ; 2.91; 9300;occ; 94; 0;44120  
14; 376.5; 08-AUG-2010 07:31:52; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44120  
15; 695.7; 08-AUG-2010 07:37:11; Dark ; 66.0; 84; Alp Phe ; 2.40; 4500;occ; 132; 0;44120  
16; 967.6; 08-AUG-2010 07:41:43; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;44120  
17; 1195.8; 08-AUG-2010 07:45:32; Dark ; 62.0; 18; 24Alp PsA ; 1.17; 9700;occ; 124; 0;44120  
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4; 2725.5; 08-AUG-2010 08:11:01; Bright; 42.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 85; 0;44120
5; 3051.8; 08-AUG-2010 08:16:28; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44120
6; 3524.6; 08-AUG-2010 08:24:20; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44120
7; 3604.8; 08-AUG-2010 08:25:41; Bright; 30.0; 110; 37Del Cas ; 2.68; 8900;occ; 60; 0;44120
8; 4115.2; 08-AUG-2010 08:34:11; Bright; 72.0; 175; 39Del Per ; 3.01; 19400;occ; 144; 0;44120
9; 4218.2; 08-AUG-2010 08:35:54; Bright; 37.5; 42; 34Bet Aur ; 1.90; 10200;occ; 75; 0;44120
10; 4357.1; 08-AUG-2010 08:38:13; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;44120
11; 4532.0; 08-AUG-2010 08:41:08; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44120
12; 4662.6; 08-AUG-2010 08:43:18; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44120
13; 4834.2; 08-AUG-2010 08:46:10; Dark ; 68.5; 13; 87Alp Tau ; 0.87; 3800;occ; 137; 0;44120
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15; 5063.8; 08-AUG-2010 08:50:00; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;44120
16; 5145.5; 08-AUG-2010 08:51:21; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44120
17; 5224.2; 08-AUG-2010 08:52:40; Dark ; 48.0; 7; 19Bet Ori ; 0.10; 14000;occ; 96; 0;44120
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17; 4964.3; 10-AUG-2010 19:29:18; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;44155
18; 5079.8; 10-AUG-2010 19:31:13; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;44155
19; 5162.7; 10-AUG-2010 19:32:36; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44155
20; 5245.8; 10-AUG-2010 19:33:59; Dark ; 51.0; 7; 19Bet Ori ; 0.10; 14000;occ; 102; 0;44155
21; 5366.0; 10-AUG-2010 19:35:59; Dark ; 43.0; 101; 11Alp Lep ; 2.58; 7000;occ; 86; 0;44155
22; 5531.2; 10-AUG-2010 19:38:45; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44155
23; 6154.4; 10-AUG-2010 19:49:08; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44156
24; 6437.4; 10-AUG-2010 19:53:51; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44156
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 4; 121.4; 11-AUG-2010 00:50:58; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44159
 5; 403.3; 11-AUG-2010 00:55:40; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44159
 6; 732.8; 11-AUG-2010 01:01:10; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;44159
 7; 984.7; 11-AUG-2010 01:05:22; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;44159
 8; 1216.3; 11-AUG-2010 01:09:13; Dark ; 59.5; 18; 24Alp PsA ; 1.17; 9700;occ; 119; 0;44159
 9; 1583.7; 11-AUG-2010 01:15:21; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44159
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13; 2609.4; 11-AUG-2010 01:32:26; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44159
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15; 3038.4; 11-AUG-2010 01:39:35; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44159
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4; -787.4; 11-AUG-2010 02:16:26; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;44159
5; -667.7; 11-AUG-2010 02:18:25; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44159
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7; 122.6; 11-AUG-2010 02:31:36; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44160
8; 404.4; 11-AUG-2010 02:36:17; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44160
9; 733.7; 11-AUG-2010 02:41:47; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;44160
10; 985.0; 11-AUG-2010 02:45:58; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;44160
11; 1217.2; 11-AUG-2010 02:49:50; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44160
12; 1583.5; 11-AUG-2010 02:55:56; Bright; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44160
13; 1803.5; 11-AUG-2010 02:59:36; Bright; 47.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 94; 0;44160
14; 2142.7; 11-AUG-2010 03:05:16; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;44160
15; 2521.2; 11-AUG-2010 03:11:34; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44160
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6; -1069.3; 11-AUG-2010 03:52:20; Dark ; 44.0; 27; 24Gam Ori ; 1.64; 26000;occ; 88; 0;44160
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8; -870.6; 11-AUG-2010 03:55:38; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44160
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13; 404.9; 11-AUG-2010 04:16:54; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;44161
14; 734.6; 11-AUG-2010 04:22:23; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44161
15; 985.5; 11-AUG-2010 04:26:34; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;44161
16; 1217.5; 11-AUG-2010 04:30:26; Dark ; 60.5; 18; 24Alp PsA ; 1.17; 9700;occ; 121; 0;44161
17; 1583.8; 11-AUG-2010 04:36:33; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44161
18; 1803.5; 11-AUG-2010 04:40:12; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44161
19; 2142.3; 11-AUG-2010 04:45:51; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;44161
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23; 3037.7; 11-AUG-2010 05:00:47; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44161
24; 3364.2; 11-AUG-2010 05:06:13; Bright; 34.0; 74; 11Bet Cas ; 2.27; 6600;occ; 68; 0;44161
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4; -1362.6; 11-AUG-2010 05:28:02; Dark ; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;44161
5; -1179.6; 11-AUG-2010 05:31:05; Dark ; 68.5; 13; 87Alp Tau ; 0.87; 3800;occ; 137; 0;44161
6; -1068.8; 11-AUG-2010 05:32:56; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;44161
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12; 125.0; 11-AUG-2010 05:52:50; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;44162  
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16; 1217.9; 11-AUG-2010 06:11:03; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44162  
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22; 2712.4; 11-AUG-2010 06:35:57; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44162  
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3; 1584.6; 11-AUG-2010 21:22:33; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44171  
4; 1802.6; 11-AUG-2010 21:26:11; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44171  
5; 2137.9; 11-AUG-2010 21:31:46; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;44171  
6; 2518.0; 11-AUG-2010 21:38:06; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44171  
7; 2607.1; 11-AUG-2010 21:39:35; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;44171  
8; 2709.8; 11-AUG-2010 21:41:18; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44171  
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10; 3356.1; 11-AUG-2010 21:52:04; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44171  
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4; 136.3; 11-AUG-2010 22:39:01; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;44172  
5; 412.4; 11-AUG-2010 22:43:37; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44172  
6; 744.6; 11-AUG-2010 22:49:09; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44172  
7; 989.9; 11-AUG-2010 22:53:14; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;44172  
8; 1222.9; 11-AUG-2010 22:57:07; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;44172  
9; 1584.8; 11-AUG-2010 23:03:09; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44172  
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24; 5171.3; 12-AUG-2010 00:02:56; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44172  
25; 5256.4; 12-AUG-2010 00:04:21; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;44172  
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4; -1362.7; 11-AUG-2010 07:08:38; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44162
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 12; 445.0; 15-AUG-2010 05:32:18; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44219  
 13; 786.3; 15-AUG-2010 05:37:59; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44219  
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 17; 1800.0; 15-AUG-2010 05:54:53; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44219  
 18; 1926.5; 15-AUG-2010 05:56:59; Bright; 28.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 56; 0;44219  
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 20; 2506.1; 15-AUG-2010 06:06:39; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44219  
 21; 2599.9; 15-AUG-2010 06:08:13; Bright; 37.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 74; 0;44219  
 22; 2698.4; 15-AUG-2010 06:09:51; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44219  
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 13; 787.4; 15-AUG-2010 07:18:36; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44220  
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 15; 1244.9; 15-AUG-2010 07:26:14; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;44220  
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 4; 2505.8; 15-AUG-2010 07:47:15; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44220  
 5; 2599.6; 15-AUG-2010 07:48:48; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44220  
 6; 2698.1; 15-AUG-2010 07:50:27; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44220  
 7; 3019.9; 15-AUG-2010 07:55:49; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44220  
 8; 4194.6; 15-AUG-2010 08:15:23; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;44220  
 9; 4365.9; 15-AUG-2010 08:18:15; Bright; 57.0; 107; 37The Aur ; 2.65; 11000;occ; 114; 0;44220  
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 11; 4717.8; 15-AUG-2010 08:24:07; Dark ; 38.5; 44; 24Gam Gem ; 1.93; 11000;occ; 77; 0;44220  
 12; 4925.5; 15-AUG-2010 08:27:34; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;44220  
 13; 5114.4; 15-AUG-2010 08:30:43; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44220  
 14; 5199.2; 15-AUG-2010 08:32:08; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;44220  
 15; 5291.2; 15-AUG-2010 08:33:40; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;44220  
 16; 5404.8; 15-AUG-2010 08:35:34; Dark ; 47.0; 101; 11Alp Lep ; 2.58; 7000;occ; 94; 0;44220



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22; 7281.2; 15-AUG-2010 09:06:50; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44221
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 7; 3019.7; 15-AUG-2010 09:36:24; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44221
 8; 4194.6; 15-AUG-2010 09:55:59; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;44221
 9; 4365.9; 15-AUG-2010 09:58:51; Bright; 51.5; 107; 37The Aur ; 2.65; 11000;occ; 103; 0;44221
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12; 4925.8; 15-AUG-2010 10:08:11; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;44221
13; 5115.1; 15-AUG-2010 10:11:20; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;44221
14; 5199.6; 15-AUG-2010 10:12:44; Dark ; 44.5; 125; 44Tot Ori ; 2.77; 30000;occ; 89; 0;44221
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19; 6482.9; 15-AUG-2010 10:34:08; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44222
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 5; 2504.8; 15-AUG-2010 11:08:25; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44222
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 7; 2697.8; 15-AUG-2010 11:11:38; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44222
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 9; 4194.5; 15-AUG-2010 11:36:35; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;44222
10; 4365.8; 15-AUG-2010 11:39:26; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;44222
11; 4550.3; 15-AUG-2010 11:42:31; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;44222
12; 4718.2; 15-AUG-2010 11:45:19; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44222
13; 4926.5; 15-AUG-2010 11:48:47; Dark ; 49.0; 14; 58Alp Ori ; 0.87; 3000;occ; 98; 0;44222
14; 5115.9; 15-AUG-2010 11:51:57; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44222
15; 5200.5; 15-AUG-2010 11:53:21; Dark ; 47.5; 125; 44Tot Ori ; 2.77; 30000;occ; 95; 0;44222
16; 5292.7; 15-AUG-2010 11:54:53; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;44222
17; 5406.0; 15-AUG-2010 11:56:47; Dark ; 45.0; 101; 11Alp Lep ; 2.58; 7000;occ; 90; 0;44222
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 7; 3019.4; 15-AUG-2010 12:57:36; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44223
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10; 4550.5; 15-AUG-2010 13:23:07; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;44223
11; 4718.6; 15-AUG-2010 13:25:55; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;44223

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14; 5227.2; 18-AUG-2010 08:38:21; Dark ; 46.0; 125; 44Iot Ori ; 2.77; 30000;occ; 92; 0;44263
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 3; 2105.2; 18-AUG-2010 09:26:55; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;44264
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11; 4728.7; 18-AUG-2010 10:10:38; Dark ; 37.0; 44; 24Gam Gem ; 1.93; 11000;occ; 74; 0;44264
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14; 5228.1; 18-AUG-2010 10:18:58; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;44264
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 3; 2104.9; 18-AUG-2010 11:07:30; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44265
 4; 2497.3; 18-AUG-2010 11:14:03; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44265
 5; 2594.7; 18-AUG-2010 11:15:40; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;44265
 6; 2689.3; 18-AUG-2010 11:17:15; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44265
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 8; 4190.3; 18-AUG-2010 11:42:16; Bright; 63.0; 6; 13Alp Aur ; 0.08; 3400;occ; 126; 0;44265
 9; 4369.3; 18-AUG-2010 11:45:15; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44265
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 11; 4729.4; 18-AUG-2010 13:31:51; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44266  
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 10; 4369.3; 18-AUG-2010 15:06:27; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44267  
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 3; 1799.2; 18-AUG-2010 16:04:12; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44268  
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5; 2104.0; 18-AUG-2010 17:49:53; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;44269
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7; 2594.5; 18-AUG-2010 17:58:04; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44269
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26; 5243.6; 19-AUG-2010 23:12:24; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44286
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 3; -410.9; 19-AUG-2010 23:18:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44286
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 5; 491.3; 19-AUG-2010 23:33:47; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44287
 6; 842.0; 19-AUG-2010 23:39:38; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44287
 7; 1032.8; 19-AUG-2010 23:42:49; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44287
 8; 1272.5; 19-AUG-2010 23:46:48; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44287
 9; 1597.2; 19-AUG-2010 23:52:13; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44287
10; 1799.2; 19-AUG-2010 23:55:35; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44287
11; 1911.7; 19-AUG-2010 23:57:28; Bright; 48.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 97; 0;44287
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13; 2493.7; 20-AUG-2010 00:07:10; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44287
14; 2593.4; 20-AUG-2010 00:08:49; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;44287
15; 2686.0; 20-AUG-2010 00:10:22; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;44287
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21; 4734.8; 20-AUG-2010 00:44:31; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44287
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24; 5157.0; 20-AUG-2010 00:51:33; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44287
25; 5244.2; 20-AUG-2010 00:53:00; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;44287
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 3; -1474.9; 19-AUG-2010 06:15:02; Dark ; 54.0; 28; 12Bet Tau ; 1.65; 15200;occ; 108; 0;44276
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 5; -1085.2; 19-AUG-2010 06:21:31; Dark ; 41.5; 14; 58Alp Ori ; 0.87; 3000;occ; 83; 0;44276
 6; -886.4; 19-AUG-2010 06:24:50; Dark ; 52.0; 30; 46Eps Ori ; 1.69; 30000;occ; 104; 0;44276
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13; 834.5; 19-AUG-2010 06:53:31; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44277
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 3; 2101.9; 19-AUG-2010 07:14:39; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44277
 4; 2495.2; 19-AUG-2010 07:21:12; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44277
 5; 2594.2; 19-AUG-2010 07:22:51; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44277
 6; 2687.7; 19-AUG-2010 07:24:24; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44277
 7; 3005.5; 19-AUG-2010 07:29:42; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44277
 8; 3273.3; 19-AUG-2010 07:34:10; Bright; 36.0; 74; 11Bet Cas ; 2.27; 6600;occ; 72; 0;44277
 9; 4189.1; 19-AUG-2010 07:49:26; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44277
10; 4369.8; 19-AUG-2010 07:52:27; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;44277
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12; 4732.3; 19-AUG-2010 07:58:29; Dark ; 37.0; 44; 24Gam Gem ; 1.93; 11000;occ; 74; 0;44277
13; 4951.0; 19-AUG-2010 08:02:08; Dark ; 44.5; 14; 58Alp Ori ; 0.87; 3000;occ; 89; 0;44277
14; 5150.5; 19-AUG-2010 08:05:27; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;44277
15; 5236.8; 19-AUG-2010 08:06:53; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;44277
16; 5338.6; 19-AUG-2010 08:08:35; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;44277
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19; 6296.7; 19-AUG-2010 08:24:33; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44278

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23; 7304.9; 19-AUG-2010 08:41:22; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44278
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 5; 2593.8; 19-AUG-2010 09:03:26; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;44278
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 7; 3005.4; 19-AUG-2010 09:10:18; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44278
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11; 4561.4; 19-AUG-2010 09:36:14; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;44278
12; 4732.5; 19-AUG-2010 09:39:05; Dark ; 37.0; 44; 24Gam Gem ; 1.93; 11000;occ; 74; 0;44278
13; 4951.5; 19-AUG-2010 09:42:44; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;44278
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 4; 2494.9; 19-AUG-2010 12:22:59; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44280
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 7; 3004.9; 19-AUG-2010 12:31:29; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;44280
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8; -789.2; 20-AUG-2010 05:54:50; Dark ; 49.0; 125; 44Tot Ori ; 2.77; 30000;occ; 98; 0;44290  
9; -685.6; 20-AUG-2010 05:56:34; Dark ; 64.5; 7; 19Bet Ori ; 0.10; 14000;occ; 129; 0;44290  
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13; 493.5; 20-AUG-2010 06:16:13; Dark ; 48.0; 9; Alp Eri ; 0.45; 24000;occ; 96; 0;44291  
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18; 1799.1; 20-AUG-2010 06:37:59; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44291  
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5; 1798.8; 20-AUG-2010 20:02:46; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44299  
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13; 4371.2; 20-AUG-2010 20:45:38; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;44299  
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12; 2096.1; 20-AUG-2010 23:28:55; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44301
13; 2491.9; 20-AUG-2010 23:35:31; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44301
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 23; 6544.3; 21-AUG-2010 19:09:38; Dark ; 55.0; 9; Alp Eri ; 0.45; 24000;occ; 110; 0;44313  
 24; 6898.0; 21-AUG-2010 19:15:32; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44313  
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 3; 1600.4; 21-AUG-2010 19:27:50; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;44313  
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 6; 2093.1; 21-AUG-2010 19:36:03; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;44313  
 7; 2490.8; 21-AUG-2010 19:42:41; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44313  
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 13; 4644.4; 21-AUG-2010 20:18:34; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44313  
 14; 4742.1; 21-AUG-2010 20:20:12; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44313  
 15; 4969.1; 21-AUG-2010 20:23:59; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;44313  
 16; 5058.7; 21-AUG-2010 20:25:29; Dark ; 56.5; 27; 24Gam Ori ; 1.64; 26000;occ; 113; 0;44313  
 17; 5176.0; 21-AUG-2010 20:27:26; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44313  
 18; 5264.2; 21-AUG-2010 20:28:54; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44313  
 19; 5372.0; 21-AUG-2010 20:30:42; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;44313  
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 22; 6340.3; 21-AUG-2010 20:46:50; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44314  
 23; 6545.2; 21-AUG-2010 20:50:15; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44314  
 24; 6898.4; 21-AUG-2010 20:56:09; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44314  
 25; 7033.8; 21-AUG-2010 20:58:24; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;44314

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7; 511.2; 22-AUG-2010 01:52:05; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44317
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13; 1906.8; 22-AUG-2010 02:15:20; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44317
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16; 2682.6; 22-AUG-2010 02:28:16; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44317
17; 2996.7; 22-AUG-2010 02:33:30; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44317
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8; -768.4; 22-AUG-2010 03:11:21; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44317
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13; 511.7; 22-AUG-2010 03:32:41; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44318
14; 865.7; 22-AUG-2010 03:38:35; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44318
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16; 1284.1; 22-AUG-2010 03:45:34; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44318
17; 1601.2; 22-AUG-2010 03:50:51; Bright; 42.0; 142; 49Del Cap ; 2.85; 8900;occ; 84; 0;44318
18; 1799.5; 22-AUG-2010 03:54:09; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44318
19; 1906.9; 22-AUG-2010 03:55:56; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44318
20; 2092.3; 22-AUG-2010 03:59:02; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44318
21; 2490.2; 22-AUG-2010 04:05:40; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44318
22; 2682.5; 22-AUG-2010 04:08:52; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44318
23; 2996.7; 22-AUG-2010 04:14:06; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44318
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4; -1292.6; 22-AUG-2010 04:43:13; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 0;44318
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9; -658.8; 22-AUG-2010 04:53:47; Dark ; 67.0; 7; 19Bet Ori ; 0.10; 14000;occ; 134; 0;44318
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13; 512.5; 22-AUG-2010 05:13:18; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44319
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19; 1906.6; 22-AUG-2010 05:36:32; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44319
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22; 2682.3; 22-AUG-2010 05:49:28; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44319
23; 2996.5; 22-AUG-2010 05:54:42; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44319
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2; 1287.6; 22-AUG-2010 20:31:37; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44328
3; 1602.0; 22-AUG-2010 20:36:51; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;44328

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6; 2090.6; 22-AUG-2010 20:45:00; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44328
7; 2489.3; 22-AUG-2010 20:51:38; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44328
8; 2681.3; 22-AUG-2010 20:54:50; Bright; 35.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 70; 0;44328
9; 2994.7; 22-AUG-2010 21:00:04; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44328
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13; 4572.1; 22-AUG-2010 21:26:21; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44328
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6; 519.2; 22-AUG-2010 21:59:24; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44329
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14; 2489.1; 22-AUG-2010 22:32:14; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44329
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16; 2994.5; 22-AUG-2010 22:40:39; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;44329
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21; 4746.8; 23-AUG-2010 00:50:27; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44330
22; 4978.2; 23-AUG-2010 00:54:19; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44330
23; 5071.3; 23-AUG-2010 00:55:52; Dark ; 58.5; 27; 24Gam Ori ; 1.64; 26000;occ; 117; 0;44330
24; 5188.9; 23-AUG-2010 00:57:50; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;44330
25; 5277.9; 23-AUG-2010 00:59:19; Dark ; 50.0; 125; 44Iot Ori ; 2.77; 30000;occ; 100; 0;44330
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 11; -382.9; 22-AUG-2010 06:38:59; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44319  
 12; 311.7; 22-AUG-2010 06:50:33; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;44320  
 13; 513.2; 22-AUG-2010 06:53:55; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44320  
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 3; 2092.2; 22-AUG-2010 07:20:14; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;44320  
 4; 2490.0; 22-AUG-2010 07:26:52; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44320  
 5; 2682.2; 22-AUG-2010 07:30:04; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44320  
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 8; 4183.5; 22-AUG-2010 07:55:05; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;44320  
 9; 4372.2; 22-AUG-2010 07:58:14; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44320  
 10; 4570.6; 22-AUG-2010 08:01:32; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44320  
 11; 4744.0; 22-AUG-2010 08:04:26; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44320  
 12; 4973.0; 22-AUG-2010 08:08:15; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;44320  
 13; 5063.8; 22-AUG-2010 08:09:45; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;44320  
 14; 5181.4; 22-AUG-2010 08:11:43; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;44320  
 15; 5269.7; 22-AUG-2010 08:13:11; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;44320  
 16; 5379.4; 22-AUG-2010 08:15:01; Dark ; 60.0; 7; 19Bet Ori ; 0.10; 14000;occ; 120; 0;44320  
 17; 5478.9; 22-AUG-2010 08:16:40; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44320  
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 19; 6348.7; 22-AUG-2010 08:31:10; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44321  
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 22; 7036.6; 22-AUG-2010 08:42:38; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;44321  
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 3; 2092.0; 22-AUG-2010 09:00:49; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44321  
 4; 2490.0; 22-AUG-2010 09:07:27; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44321  
 5; 2682.1; 22-AUG-2010 09:10:39; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44321  
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 7; 3240.6; 22-AUG-2010 09:19:58; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44321  
 8; 4183.4; 22-AUG-2010 09:35:41; Bright; 66.0; 6; 13Alp Aur ; 0.08; 3400;occ; 132; 0;44321  
 9; 4372.7; 22-AUG-2010 09:38:50; Bright; 61.0; 107; 37The Aur ; 2.65; 11000;occ; 122; 0;44321  
 10; 4570.9; 22-AUG-2010 09:42:08; Dark ; 55.5; 28; 12Bet Tau ; 1.65; 15200;occ; 111; 0;44321  
 11; 4744.5; 22-AUG-2010 09:45:02; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44321  
 12; 4973.6; 22-AUG-2010 09:48:51; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;44321  
 13; 5064.8; 22-AUG-2010 09:50:22; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;44321  
 14; 5182.2; 22-AUG-2010 09:52:20; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;44321  
 15; 5270.6; 22-AUG-2010 09:53:48; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44321  
 16; 5380.1; 22-AUG-2010 09:55:38; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;44321  
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 19; 6350.0; 22-AUG-2010 10:11:47; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44322  
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 21; 6904.6; 22-AUG-2010 10:21:02; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44322  
 22; 7036.9; 22-AUG-2010 10:23:14; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;44322  
 23; 7321.2; 22-AUG-2010 10:27:59; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44322  
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 3; 2091.5; 22-AUG-2010 10:41:25; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44322  
 4; 2490.0; 22-AUG-2010 10:48:03; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44322  
 5; 2682.3; 22-AUG-2010 10:51:16; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;44322  
 6; 2996.0; 22-AUG-2010 10:56:29; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44322  
 7; 3239.7; 22-AUG-2010 11:00:33; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44322  
 8; 4183.1; 22-AUG-2010 11:16:16; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;44322  
 9; 4372.6; 22-AUG-2010 11:19:26; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44322  
 10; 4571.0; 22-AUG-2010 11:22:44; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44322  
 11; 4744.8; 22-AUG-2010 11:25:38; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44322  
 12; 4974.0; 22-AUG-2010 11:29:27; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;44322  
 13; 5065.5; 22-AUG-2010 11:30:59; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;44322  
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 15; 5271.4; 22-AUG-2010 11:34:25; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44322  
 16; 5381.1; 22-AUG-2010 11:36:14; Dark ; 63.5; 7; 19Bet Ori ; 0.10; 14000;occ; 127; 0;44322  
 17; 5480.3; 22-AUG-2010 11:37:54; Dark ; 52.0; 101; 11Alp Lep ; 2.58; 7000;occ; 104; 0;44322  
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 19; 6351.3; 22-AUG-2010 11:52:25; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44323  
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 22; 7037.7; 22-AUG-2010 12:03:51; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44323  
 23; 7321.6; 22-AUG-2010 12:08:35; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44323  
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 3; 1906.1; 22-AUG-2010 12:18:55; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44323  
 4; 2091.4; 22-AUG-2010 12:22:01; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44323  
 5; 2489.4; 22-AUG-2010 12:28:39; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44323  
 6; 2681.9; 22-AUG-2010 12:31:51; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;44323  
 7; 2995.6; 22-AUG-2010 12:37:05; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44323  
 8; 3238.9; 22-AUG-2010 12:41:08; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44323  
 9; 4183.2; 22-AUG-2010 12:56:52; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;44323  
 10; 4372.8; 22-AUG-2010 13:00:02; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;44323  
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 18; 5481.3; 22-AUG-2010 13:18:30; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;44323  
 19; 5656.5; 22-AUG-2010 13:21:26; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44323  
 20; 6352.3; 22-AUG-2010 13:33:01; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44324  
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 22; 6906.2; 22-AUG-2010 13:42:15; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44324  
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 13; 4975.3; 22-AUG-2010 14:50:40; Dark ; 54.5; 14; 58Alp Ori ; 0.87; 3000;occ; 109; 0;44324  
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 15; 5184.5; 22-AUG-2010 14:54:10; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44324  
 16; 5272.8; 22-AUG-2010 14:55:38; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;44324  
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 8; 3237.8; 22-AUG-2010 16:02:19; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44325
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16; 1289.9; 23-AUG-2010 08:15:50; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44335
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 3; 2089.0; 23-AUG-2010 08:29:09; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44335
 4; 2488.5; 23-AUG-2010 08:35:49; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44335
 5; 2680.6; 23-AUG-2010 08:39:01; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44335
 6; 2993.3; 23-AUG-2010 08:44:14; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44335
 7; 3230.2; 23-AUG-2010 08:48:11; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44335
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 9; 4373.6; 23-AUG-2010 09:07:14; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44335
10; 4573.7; 23-AUG-2010 09:10:34; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44335
11; 4748.6; 23-AUG-2010 09:13:29; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44335
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13; 5075.7; 23-AUG-2010 09:18:56; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44335
14; 5193.1; 23-AUG-2010 09:20:54; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44335

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 16; 5394.8; 23-AUG-2010 09:24:15; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;44335  
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 19; 6367.0; 23-AUG-2010 09:40:27; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44336  
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 23; 7326.1; 23-AUG-2010 09:56:27; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;44336  
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 4; 2488.5; 23-AUG-2010 10:16:25; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44336  
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 6; 2993.3; 23-AUG-2010 10:24:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44336  
 7; 3229.5; 23-AUG-2010 10:28:46; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44336  
 8; 4181.3; 23-AUG-2010 10:44:38; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44336  
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 11; 4649.7; 23-AUG-2010 10:52:26; Dark ; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;44336  
 12; 4748.6; 23-AUG-2010 10:54:05; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44336  
 13; 4981.9; 23-AUG-2010 10:57:58; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44336  
 14; 5076.4; 23-AUG-2010 10:59:33; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44336  
 15; 5193.7; 23-AUG-2010 11:01:30; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;44336  
 16; 5307.5; 23-AUG-2010 11:03:24; Dark ; 55.0; 1; 9Alp CMA ; -1.44; 11000;occ; 110; 0;44336  
 17; 5395.9; 23-AUG-2010 11:04:52; Dark ; 67.5; 7; 19Bet Ori ; 0.10; 14000;occ; 135; 0;44336  
 18; 5552.2; 23-AUG-2010 11:07:29; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;44336  
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 22; 6915.3; 23-AUG-2010 11:30:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44337  
 23; 7042.9; 23-AUG-2010 11:32:19; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44337  
 24; 7326.5; 23-AUG-2010 11:37:03; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44337  
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 5; 2488.5; 23-AUG-2010 11:57:01; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44337  
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 7; 2993.2; 23-AUG-2010 12:05:25; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44337  
 8; 3228.7; 23-AUG-2010 12:09:21; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44337  
 9; 4181.1; 23-AUG-2010 12:25:13; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;44337  
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 11; 4574.3; 23-AUG-2010 12:31:46; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44337  
 12; 4650.3; 23-AUG-2010 12:33:02; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;44337  
 13; 4749.1; 23-AUG-2010 12:34:41; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44337  
 14; 4982.4; 23-AUG-2010 12:38:35; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44337  
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 22; 6561.0; 23-AUG-2010 13:04:53; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44338  
 23; 6916.5; 23-AUG-2010 13:10:49; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44338  
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 3; 1904.5; 23-AUG-2010 13:27:53; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44338  
 4; 2088.6; 23-AUG-2010 13:30:57; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44338  
 5; 2488.5; 23-AUG-2010 13:37:37; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44338

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13; 4749.3; 23-AUG-2010 14:15:17; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44338
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22; 6561.5; 23-AUG-2010 14:45:30; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44339
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4; 2088.3; 23-AUG-2010 15:11:32; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44339
5; 2488.2; 23-AUG-2010 15:18:12; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44339
6; 2680.2; 23-AUG-2010 15:21:24; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44339
7; 2992.9; 23-AUG-2010 15:26:37; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;44339
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11; 4574.7; 23-AUG-2010 15:52:59; Dark ; 40.0; 28; 12Bet Tau ; 1.65; 15200;occ; 80; 0;44339
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13; 4749.9; 23-AUG-2010 15:55:54; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44339
14; 4983.4; 23-AUG-2010 15:59:47; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44339
15; 5079.0; 23-AUG-2010 16:01:23; Dark ; 31.0; 27; 24Gam Ori ; 1.64; 26000;occ; 62; 0;44339
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17; 5308.9; 23-AUG-2010 16:05:13; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;44339
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23; 6918.0; 23-AUG-2010 16:32:02; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44340
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4; 1903.9; 23-AUG-2010 16:49:04; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44340
5; 2088.1; 23-AUG-2010 16:52:08; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;44340
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16; 4984.2; 23-AUG-2010 17:40:24; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44340
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13; 4180.2; 23-AUG-2010 20:48:12; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;44342
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12; 1903.3; 23-AUG-2010 23:31:27; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44344
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9; 1010.0; 24-AUG-2010 00:57:10; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44345
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 2; -1661.9; 24-AUG-2010 05:14:26; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;44347  
 3; -1383.1; 24-AUG-2010 05:19:04; Dark ; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;44347  
 4; -1284.0; 24-AUG-2010 05:20:43; Dark ; 42.5; 44; 24Gam Gem ; 1.93; 11000;occ; 85; 0;44347  
 5; -1047.6; 24-AUG-2010 05:24:40; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;44347  
 6; -833.2; 24-AUG-2010 05:28:14; Dark ; 56.0; 30; 46Eps Ori ; 1.69; 30000;occ; 112; 0;44347  
 7; -723.4; 24-AUG-2010 05:30:04; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;44347  
 8; -628.1; 24-AUG-2010 05:31:39; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;44347  
 9; -473.5; 24-AUG-2010 05:34:14; Dark ; 50.5; 139; 9Bet Lep ; 2.83; 5600;occ; 101; 0;44347  
 10; -357.6; 24-AUG-2010 05:36:10; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44347  
 11; 345.8; 24-AUG-2010 05:47:53; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44348  
 12; 531.8; 24-AUG-2010 05:50:59; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44348  
 13; 888.1; 24-AUG-2010 05:56:55; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44348  
 14; 1011.4; 24-AUG-2010 05:58:59; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;44348  
 15; 1294.7; 24-AUG-2010 06:03:42; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44348  
 16; 1604.7; 24-AUG-2010 06:08:52; Dark ; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;44348  
 17; 1800.4; 24-AUG-2010 06:12:08; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44348  
 18; 1903.3; 24-AUG-2010 06:13:51; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44348  
 19; 2087.0; 24-AUG-2010 06:16:54; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44348  
 20; 2487.5; 24-AUG-2010 06:23:35; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;44348  
 21; 2679.8; 24-AUG-2010 06:26:47; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44348  
 22; 2991.3; 24-AUG-2010 06:31:59; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44348  
 23; 3221.2; 24-AUG-2010 06:35:49; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;44348  
 24; 3354.1; 24-AUG-2010 06:38:02; Bright; 30.5; 76; 27Gam Cas ; 2.30; 30000;occ; 61; 0;44348

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1; -1856.5; 24-AUG-2010 06:51:47; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;44348  
 2; -1661.8; 24-AUG-2010 06:55:02; Bright; 62.0; 107; 37The Aur ; 2.65; 11000;occ; 124; 0;44348  
 3; -1382.9; 24-AUG-2010 06:59:40; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44348  
 4; -1283.4; 24-AUG-2010 07:01:20; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;44348  
 5; -1047.4; 24-AUG-2010 07:05:16; Dark ; 60.5; 14; 58Alp Ori ; 0.87; 3000;occ; 121; 0;44348  
 6; -832.2; 24-AUG-2010 07:08:51; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;44348  
 7; -722.6; 24-AUG-2010 07:10:41; Dark ; 48.5; 1; 9Alp CMA ; -1.44; 11000;occ; 97; 0;44348



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11; 346.8; 24-AUG-2010 07:28:30; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44349
12; 532.3; 24-AUG-2010 07:31:36; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44349
13; 888.4; 24-AUG-2010 07:37:32; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;44349
14; 1011.9; 24-AUG-2010 07:39:35; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;44349
15; 1294.6; 24-AUG-2010 07:44:18; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44349
16; 1604.5; 24-AUG-2010 07:49:28; Dark ; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;44349
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2; 1800.1; 24-AUG-2010 07:52:43; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44349
3; 1902.8; 24-AUG-2010 07:54:26; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44349
4; 2087.0; 24-AUG-2010 07:57:30; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44349
5; 2487.6; 24-AUG-2010 08:04:11; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44349
6; 2679.5; 24-AUG-2010 08:07:23; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44349
7; 2990.9; 24-AUG-2010 08:12:34; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44349
8; 3220.2; 24-AUG-2010 08:16:24; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;44349
9; 3353.4; 24-AUG-2010 08:18:37; Bright; 31.0; 76; 27Gam Cas ; 2.30; 30000;occ; 62; 0;44349
10; 4179.4; 24-AUG-2010 08:32:23; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;44349
11; 4374.2; 24-AUG-2010 08:35:38; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;44349
12; 4653.6; 24-AUG-2010 08:40:17; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;44349
13; 4752.5; 24-AUG-2010 08:41:56; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44349
14; 4989.3; 24-AUG-2010 08:45:53; Dark ; 65.5; 14; 58Alp Ori ; 0.87; 3000;occ; 131; 0;44349
15; 5204.7; 24-AUG-2010 08:49:28; Dark ; 57.0; 30; 46Eps Ori ; 1.69; 30000;occ; 114; 0;44349
16; 5313.7; 24-AUG-2010 08:51:17; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;44349
17; 5410.1; 24-AUG-2010 08:52:53; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;44349
18; 5504.2; 24-AUG-2010 08:54:28; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;44349
19; 5680.2; 24-AUG-2010 08:57:24; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44349
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21; 6569.1; 24-AUG-2010 09:12:12; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44350
22; 6924.8; 24-AUG-2010 09:18:08; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44350
23; 7047.9; 24-AUG-2010 09:20:11; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;44350
24; 7330.6; 24-AUG-2010 09:24:54; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44350
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2; 1902.7; 24-AUG-2010 09:35:02; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44350
3; 2086.7; 24-AUG-2010 09:38:06; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44350
4; 2487.6; 24-AUG-2010 09:44:47; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44350
5; 2679.5; 24-AUG-2010 09:47:59; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;44350
6; 2990.8; 24-AUG-2010 09:53:10; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44350
7; 3219.1; 24-AUG-2010 09:56:58; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44350
8; 3352.7; 24-AUG-2010 09:59:12; Bright; 32.0; 76; 27Gam Cas ; 2.30; 30000;occ; 64; 0;44350
9; 4179.1; 24-AUG-2010 10:12:58; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;44350
10; 4374.2; 24-AUG-2010 10:16:13; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;44350
11; 4653.6; 24-AUG-2010 10:20:53; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;44350
12; 4752.7; 24-AUG-2010 10:22:32; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44350
13; 4989.9; 24-AUG-2010 10:26:29; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44350
14; 5205.3; 24-AUG-2010 10:30:05; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;44350
15; 5314.0; 24-AUG-2010 10:31:53; Dark ; 55.0; 1; 9Alp CMA ; -1.44; 11000;occ; 110; 0;44350
16; 5411.1; 24-AUG-2010 10:33:30; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;44350
17; 5504.7; 24-AUG-2010 10:35:04; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44350
18; 5681.1; 24-AUG-2010 10:38:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44350
19; 6385.5; 24-AUG-2010 10:49:45; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44351
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21; 6925.4; 24-AUG-2010 10:58:45; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44351
22; 7048.4; 24-AUG-2010 11:00:48; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44351
23; 7331.5; 24-AUG-2010 11:05:31; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;44351
24; 7640.8; 24-AUG-2010 11:10:40; Dark ; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44351
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3; 1902.5; 24-AUG-2010 11:15:38; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44351
4; 2086.5; 24-AUG-2010 11:18:42; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44351
5; 2487.4; 24-AUG-2010 11:25:23; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44351
6; 2679.7; 24-AUG-2010 11:28:35; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44351
7; 2990.4; 24-AUG-2010 11:33:46; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44351

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8; 3218.9; 24-AUG-2010 11:37:34; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44351  
 9; 3351.9; 24-AUG-2010 11:39:47; Bright; 32.0; 76; 27Gam Cas ; 2.30; 30000;occ; 64; 0;44351  
 10; 4178.9; 24-AUG-2010 11:53:34; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;44351  
 11; 4374.1; 24-AUG-2010 11:56:49; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;44351  
 12; 4653.8; 24-AUG-2010 12:01:29; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;44351  
 13; 4753.5; 24-AUG-2010 12:03:09; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44351  
 14; 4990.3; 24-AUG-2010 12:07:05; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44351  
 15; 5206.5; 24-AUG-2010 12:10:42; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44351  
 16; 5314.5; 24-AUG-2010 12:12:30; Dark ; 51.5; 1; 9Alp CMA ; -1.44; 11000;occ; 103; 0;44351  
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 19; 5682.0; 24-AUG-2010 12:18:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44351  
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 21; 6570.3; 24-AUG-2010 12:33:25; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44352  
 22; 6926.1; 24-AUG-2010 12:39:21; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44352  
 23; 7048.4; 24-AUG-2010 12:41:24; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;44352  
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 3; 1902.4; 24-AUG-2010 12:56:13; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44352  
 4; 2086.6; 24-AUG-2010 12:59:18; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44352  
 5; 2487.5; 24-AUG-2010 13:05:58; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44352  
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 9; 3351.5; 24-AUG-2010 13:20:23; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;44352  
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 11; 4374.4; 24-AUG-2010 13:37:25; Bright; 52.0; 107; 37The Aur ; 2.65; 11000;occ; 104; 0;44352  
 12; 4654.3; 24-AUG-2010 13:42:05; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44352  
 13; 4753.5; 24-AUG-2010 13:43:45; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;44352  
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 15; 5207.4; 24-AUG-2010 13:51:18; Dark ; 56.0; 30; 46Eps Ori ; 1.69; 30000;occ; 112; 0;44352  
 16; 5314.9; 24-AUG-2010 13:53:06; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;44352  
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 23; 7049.3; 24-AUG-2010 14:22:00; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;44353  
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 6; 2487.4; 24-AUG-2010 16:27:10; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44354  
 7; 2679.3; 24-AUG-2010 16:30:22; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44354  
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 9; 3216.8; 24-AUG-2010 16:39:20; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44354  
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 19; 5508.5; 24-AUG-2010 17:17:31; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44354  
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 21; 6390.9; 24-AUG-2010 17:32:14; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44355  
 22; 6572.3; 24-AUG-2010 17:35:15; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44355  
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 6; 2487.4; 24-AUG-2010 18:07:46; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44355  
 7; 2679.2; 24-AUG-2010 18:10:58; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44355  
 8; 2989.8; 24-AUG-2010 18:16:09; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44355  
 9; 3216.0; 24-AUG-2010 18:19:55; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44355  
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 11; 4178.3; 24-AUG-2010 18:35:57; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;44355  
 12; 4374.8; 24-AUG-2010 18:39:14; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44355  
 13; 4655.2; 24-AUG-2010 18:43:54; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;44355  
 14; 4754.6; 24-AUG-2010 18:45:34; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44355  
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 16; 5209.7; 24-AUG-2010 18:53:09; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;44355  
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 22; 6572.9; 24-AUG-2010 19:15:52; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44356  
 23; 6929.2; 24-AUG-2010 19:21:48; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44356  
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 3; 1605.4; 24-AUG-2010 19:33:40; Dark ; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44356  
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 6; 2086.0; 24-AUG-2010 19:41:41; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44356  
 7; 2487.2; 24-AUG-2010 19:48:22; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44356  
 8; 2679.0; 24-AUG-2010 19:51:34; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44356  
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 12; 4178.0; 24-AUG-2010 20:16:33; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;44356  
 13; 4374.7; 24-AUG-2010 20:19:50; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;44356  
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 15; 4755.0; 24-AUG-2010 20:26:10; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;44356  
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 22; 6392.9; 24-AUG-2010 20:53:28; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44357  
 23; 6573.5; 24-AUG-2010 20:56:28; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44357  
 24; 6929.8; 24-AUG-2010 21:02:25; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44357  
 25; 7050.5; 24-AUG-2010 21:04:25; Dark ; 29.0; 63; Bet Gru ; 2.15; 2800;occ; 58; 0;44357

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 6; 1901.8; 24-AUG-2010 21:19:13; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44357  
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 9; 2679.1; 24-AUG-2010 21:32:10; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44357  
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 11; 3214.4; 24-AUG-2010 21:41:05; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44357  
 12; 3347.3; 24-AUG-2010 21:43:18; Bright; 37.0; 76; 27Gam Cas ; 2.30; 30000;occ; 74; 0;44357  
 13; 4177.8; 24-AUG-2010 21:57:09; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44357  
 14; 4374.3; 24-AUG-2010 22:00:25; Bright; 56.0; 107; 37The Aur ; 2.65; 11000;occ; 112; 0;44357  
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6; 358.3; 24-AUG-2010 22:34:05; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44358
7; 537.9; 24-AUG-2010 22:37:05; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44358
8; 894.6; 24-AUG-2010 22:43:01; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44358
9; 1015.1; 24-AUG-2010 22:45:02; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;44358
10; 1297.5; 24-AUG-2010 22:49:44; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44358
11; 1605.5; 24-AUG-2010 22:54:52; Dark ; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44358
12; 1800.2; 24-AUG-2010 22:58:07; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44358
13; 1901.7; 24-AUG-2010 22:59:48; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44358
14; 2085.0; 24-AUG-2010 23:02:52; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44358
15; 2487.1; 24-AUG-2010 23:09:34; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44358
16; 2678.9; 24-AUG-2010 23:12:46; Bright; 33.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 67; 0;44358
17; 2989.3; 24-AUG-2010 23:17:56; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44358
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22; 4656.0; 24-AUG-2010 23:45:43; Dark ; 48.5; 151; 13Mu Gem ; 2.89; 3000;occ; 97; 0;44358
23; 4755.3; 24-AUG-2010 23:47:22; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44358
24; 4994.7; 24-AUG-2010 23:51:21; Dark ; 67.0; 14; 58Alp Ori ; 0.87; 3000;occ; 134; 0;44358
25; 5212.0; 24-AUG-2010 23:54:59; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44358
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7; 895.1; 25-AUG-2010 00:23:38; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44359
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9; 1297.7; 25-AUG-2010 00:30:20; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44359
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13; 2085.3; 25-AUG-2010 00:43:28; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44359
14; 2486.9; 25-AUG-2010 00:50:09; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44359
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23; 4995.1; 25-AUG-2010 01:31:58; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44359
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6; 360.7; 25-AUG-2010 01:55:19; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44360
7; 539.2; 25-AUG-2010 01:58:18; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44360
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9; 1015.8; 25-AUG-2010 02:06:14; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44360
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19; 6406.2; 25-AUG-2010 15:20:16; Dark ; 56.0; 157; The1Eri ; 2.91; 9300;occ; 112; 0;44368
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21; 6937.3; 25-AUG-2010 15:29:07; Dark ; 58.0; 84; Alp Phe ; 2.40; 4500;occ; 116; 0;44368
22; 7054.5; 25-AUG-2010 15:31:04; Dark ; 50.0; 63; Bet Gru ; 2.15; 2800;occ; 100; 0;44368
23; 7337.0; 25-AUG-2010 15:35:47; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44368
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 2; 1607.0; 25-AUG-2010 15:40:53; Dark ; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44368
 3; 1801.1; 25-AUG-2010 15:44:07; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44368
 4; 1900.7; 25-AUG-2010 15:45:47; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44368
 5; 2083.9; 25-AUG-2010 15:48:50; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44368
 6; 2486.5; 25-AUG-2010 15:55:32; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44368
 7; 2678.4; 25-AUG-2010 15:58:44; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44368
 8; 2987.7; 25-AUG-2010 16:03:54; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44368
 9; 3206.8; 25-AUG-2010 16:07:33; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44368
10; 3339.2; 25-AUG-2010 16:09:45; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44368
11; 4216.4; 25-AUG-2010 16:24:22; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;44368

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14; 4758.8; 25-AUG-2010 16:33:25; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;44368
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19; 5698.3; 25-AUG-2010 16:49:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44368
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3; 1800.8; 25-AUG-2010 17:24:43; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44369
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6; 2486.3; 25-AUG-2010 17:36:08; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44369
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11; 4216.4; 25-AUG-2010 18:04:58; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;44369
12; 4375.2; 25-AUG-2010 18:07:37; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;44369
13; 4658.8; 25-AUG-2010 18:12:21; Dark ; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;44369
14; 4759.1; 25-AUG-2010 18:14:01; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;44369
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22; 6938.9; 25-AUG-2010 18:50:21; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44370
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4; 1800.9; 25-AUG-2010 19:05:19; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44370
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9; 2987.4; 25-AUG-2010 19:25:05; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44370
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11; 3338.0; 25-AUG-2010 19:30:56; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44370
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13; 4374.9; 25-AUG-2010 19:48:13; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44370
14; 4659.5; 25-AUG-2010 19:52:57; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;44370
15; 4759.5; 25-AUG-2010 19:54:37; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44370
16; 5002.0; 25-AUG-2010 19:58:40; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44370
17; 5222.4; 25-AUG-2010 20:02:20; Dark ; 55.5; 33; 50Zet Ori ; 1.77; 30000;occ; 111; 0;44370
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20; 5700.2; 25-AUG-2010 20:10:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44370
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22; 6582.1; 25-AUG-2010 20:25:00; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44371
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3; 1301.6; 25-AUG-2010 20:37:35; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44371
4; 1607.2; 25-AUG-2010 20:42:41; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44371
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6; 1900.3; 25-AUG-2010 20:47:34; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44371
7; 2083.4; 25-AUG-2010 20:50:37; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44371

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 11; 3204.6; 25-AUG-2010 21:09:18; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;44371  
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 13; 4216.2; 25-AUG-2010 21:26:10; Bright; 54.0; 42; 34Bet Aur ; 1.90; 10200;occ; 108; 0;44371  
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 12; 1900.2; 25-AUG-2010 22:28:10; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;44372  
 13; 2083.5; 25-AUG-2010 22:31:13; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44372  
 14; 2486.5; 25-AUG-2010 22:37:56; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;44372  
 15; 2986.9; 25-AUG-2010 22:46:17; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44372  
 16; 3203.9; 25-AUG-2010 22:49:54; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44372  
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 22; 5003.1; 25-AUG-2010 23:19:53; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44372  
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 20; 4760.1; 26-AUG-2010 00:56:26; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44373  
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 5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374  
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6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374
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2; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
3; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
4; 1900.1; 26-AUG-2010 01:49:22; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44374
5; 2083.3; 26-AUG-2010 01:52:25; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44374
6; 2486.6; 26-AUG-2010 01:59:08; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44374
7; 2986.6; 26-AUG-2010 02:07:28; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44374
8; 3202.6; 26-AUG-2010 02:11:04; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44374
9; 3334.9; 26-AUG-2010 02:13:16; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44374
10; 4216.1; 26-AUG-2010 02:27:58; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;44374
11; 4375.4; 26-AUG-2010 02:30:37; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44374
12; 4660.1; 26-AUG-2010 02:35:22; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44374
13; 4760.5; 26-AUG-2010 02:37:02; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;44374
14; 5004.4; 26-AUG-2010 02:41:06; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44374
15; 5222.7; 26-AUG-2010 02:44:44; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44374
16; 5325.3; 26-AUG-2010 02:46:27; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;44374
17; 5704.0; 26-AUG-2010 02:52:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44374
18; 6415.2; 26-AUG-2010 03:04:37; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44375
19; 6585.0; 26-AUG-2010 03:07:26; Dark ; 49.0; 9; Alp Eri ; 0.45; 24000;occ; 98; 0;44375
20; 6942.0; 26-AUG-2010 03:13:23; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44375
21; 7057.2; 26-AUG-2010 03:15:19; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;44375
22; 7339.4; 26-AUG-2010 03:20:01; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44375
23; 7643.6; 26-AUG-2010 03:25:05; Dark ; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44375
24; 7837.3; 26-AUG-2010 03:28:19; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44375
25; 7936.0; 26-AUG-2010 03:29:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44375
26; 8119.0; 26-AUG-2010 03:33:00; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44375
27; 8530.9; 26-AUG-2010 03:39:52; Bright; 26.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 53; 0;44375
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2; 3202.0; 26-AUG-2010 03:51:39; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44375
3; 3334.4; 26-AUG-2010 03:53:52; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44375
4; 4216.1; 26-AUG-2010 04:08:33; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44375
5; 4375.3; 26-AUG-2010 04:11:13; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44375
6; 4660.5; 26-AUG-2010 04:15:58; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44375
7; 4761.0; 26-AUG-2010 04:17:38; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44375
8; 5005.2; 26-AUG-2010 04:21:43; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44375
9; 5223.7; 26-AUG-2010 04:25:21; Dark ; 59.5; 72; 34Del Ori ; 2.25; 30000;occ; 119; 0;44375
10; 5325.9; 26-AUG-2010 04:27:03; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;44375
11; 5528.0; 26-AUG-2010 04:30:25; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44375
12; 5705.1; 26-AUG-2010 04:33:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44375
13; 6416.6; 26-AUG-2010 04:45:14; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44376
14; 6585.8; 26-AUG-2010 04:48:03; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44376
15; 6943.2; 26-AUG-2010 04:54:01; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;44376
16; 7057.7; 26-AUG-2010 04:55:55; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44376
17; 7339.3; 26-AUG-2010 05:00:37; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44376
18; 7644.0; 26-AUG-2010 05:05:41; Dark ; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;44376
19; 7837.5; 26-AUG-2010 05:08:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44376
20; 7936.2; 26-AUG-2010 05:10:34; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44376
21; 8119.2; 26-AUG-2010 05:13:37; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44376
22; 8587.3; 26-AUG-2010 05:21:25; Bright; 49.5; 164; 44Eta Peg ; 2.95; 5400;occ; 99; 0;44376
23; 9022.7; 26-AUG-2010 05:28:40; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44376
24; 9237.1; 26-AUG-2010 05:32:14; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44376
25; 9369.6; 26-AUG-2010 05:34:27; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44376
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2; -1660.7; 26-AUG-2010 05:51:49; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;44376
3; -1375.4; 26-AUG-2010 05:56:34; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;44376
4; -1274.6; 26-AUG-2010 05:58:15; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44376

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2; -1660.6; 26-AUG-2010 07:32:25; Bright; 58.0; 107; 37The Aur ; 2.65; 11000;occ; 116; 0;44377  
3; -1374.9; 26-AUG-2010 07:37:10; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;44377  
4; -1274.3; 26-AUG-2010 07:38:51; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44377  
5; -1029.7; 26-AUG-2010 07:42:56; Dark ; 63.5; 14; 58Alp Ori ; 0.87; 3000;occ; 127; 0;44377  
6; -810.3; 26-AUG-2010 07:46:35; Dark ; 55.5; 72; 34Del Ori ; 2.25; 30000;occ; 111; 0;44377  
7; -709.2; 26-AUG-2010 07:48:16; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;44377  
8; -505.8; 26-AUG-2010 07:51:40; Dark ; 50.0; 101; 11Alp Lep ; 2.58; 7000;occ; 100; 0;44377  
9; -328.9; 26-AUG-2010 07:54:36; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44377  
10; 382.8; 26-AUG-2010 08:06:28; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44378  
11; 551.0; 26-AUG-2010 08:09:16; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44378  
12; 908.4; 26-AUG-2010 08:15:14; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44378  
13; 1022.3; 26-AUG-2010 08:17:08; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;44378  
14; 1304.2; 26-AUG-2010 08:21:50; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44378  
15; 1608.2; 26-AUG-2010 08:26:54; Dark ; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44378

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2; 1900.1; 26-AUG-2010 08:31:45; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44378  
3; 2082.6; 26-AUG-2010 08:34:48; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44378  
4; 2549.7; 26-AUG-2010 08:42:35; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44378  
5; 2986.1; 26-AUG-2010 08:49:51; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44378  
6; 3200.0; 26-AUG-2010 08:53:25; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44378  
7; 3331.9; 26-AUG-2010 08:55:37; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44378  
8; 4215.9; 26-AUG-2010 09:10:21; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44378  
9; 4375.5; 26-AUG-2010 09:13:01; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44378  
10; 4661.2; 26-AUG-2010 09:17:47; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44378  
11; 4761.8; 26-AUG-2010 09:19:27; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;44378  
12; 5006.9; 26-AUG-2010 09:23:32; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44378  
13; 5226.3; 26-AUG-2010 09:27:12; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44378  
14; 5327.1; 26-AUG-2010 09:28:52; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;44378  
15; 5530.9; 26-AUG-2010 09:32:16; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44378  
16; 5708.0; 26-AUG-2010 09:35:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44378

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3; 909.5; 26-AUG-2010 11:36:27; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44380  
4; 1023.3; 26-AUG-2010 11:38:20; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44380  
5; 1304.9; 26-AUG-2010 11:43:02; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44380  
6; 1608.3; 26-AUG-2010 11:48:05; Dark ; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44380

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2; 1899.7; 26-AUG-2010 11:52:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44380  
3; 2082.5; 26-AUG-2010 11:56:00; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44380  
4; 2548.5; 26-AUG-2010 12:03:46; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44380  
5; 2985.5; 26-AUG-2010 12:11:03; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44380  
6; 3198.7; 26-AUG-2010 12:14:36; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44380  
7; 4215.9; 26-AUG-2010 12:31:33; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;44380  
8; 4375.4; 26-AUG-2010 12:34:12; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44380  
9; 4661.6; 26-AUG-2010 12:38:59; Dark ; 59.5; 151; 13Mu Gem ; 2.89; 3000;occ; 119; 0;44380  
10; 4762.5; 26-AUG-2010 12:40:40; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44380  
11; 5008.4; 26-AUG-2010 12:44:46; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44380  
12; 5228.2; 26-AUG-2010 12:48:25; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44380  
13; 5328.2; 26-AUG-2010 12:50:05; Dark ; 44.0; 1; 9Alp CMa ; -1.44; 11000;occ; 88; 0;44380  
14; 5532.8; 26-AUG-2010 12:53:30; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;44380  
15; 5709.9; 26-AUG-2010 12:56:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44380  
16; 6422.2; 26-AUG-2010 13:08:19; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;44381  
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18; 6946.4; 26-AUG-2010 13:17:03; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44381  
19; 7059.2; 26-AUG-2010 13:18:56; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44381  
20; 7340.8; 26-AUG-2010 13:23:38; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;44381

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

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7; 3197.3; 26-AUG-2010 13:55:10; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44381
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9; 4215.5; 26-AUG-2010 14:12:08; Bright; 45.5; 42; 34Bet Aur ; 1.90; 10200;occ; 91; 0;44381
10; 4375.7; 26-AUG-2010 14:14:49; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44381
11; 4661.9; 26-AUG-2010 14:19:35; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;44381
12; 4762.8; 26-AUG-2010 14:21:16; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44381
13; 5008.6; 26-AUG-2010 14:25:22; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44381
14; 5229.4; 26-AUG-2010 14:29:02; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44381
15; 5328.9; 26-AUG-2010 14:30:42; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;44381
16; 5534.0; 26-AUG-2010 14:34:07; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;44381
17; 5711.0; 26-AUG-2010 14:37:04; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44381
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19; 6589.2; 26-AUG-2010 14:51:42; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44382
20; 6947.2; 26-AUG-2010 14:57:40; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44382
21; 7059.7; 26-AUG-2010 14:59:33; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;44382
22; 7341.2; 26-AUG-2010 15:04:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44382
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3; 1899.5; 26-AUG-2010 15:14:08; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44382
4; 2082.3; 26-AUG-2010 15:17:11; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44382
5; 2547.3; 26-AUG-2010 15:24:56; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;44382
6; 2985.5; 26-AUG-2010 15:32:14; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44382
7; 3196.7; 26-AUG-2010 15:35:46; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44382
8; 3328.9; 26-AUG-2010 15:37:58; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44382
9; 4215.8; 26-AUG-2010 15:52:45; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;44382
10; 4375.9; 26-AUG-2010 15:55:25; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44382
11; 4662.3; 26-AUG-2010 16:00:11; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44382
12; 4763.1; 26-AUG-2010 16:01:52; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44382
13; 5009.5; 26-AUG-2010 16:05:58; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44382
14; 5230.4; 26-AUG-2010 16:09:39; Dark ; 39.0; 72; 34Del Ori ; 2.25; 30000;occ; 78; 0;44382
15; 5329.1; 26-AUG-2010 16:11:18; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;44382
16; 5534.8; 26-AUG-2010 16:14:44; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;44382
17; 5712.0; 26-AUG-2010 16:17:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44382
18; 6425.0; 26-AUG-2010 16:29:34; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44383
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9;	1618.7;	01-SEP-2010	00:15:34;	Dark	;	48.5;	142;	49Del Cap	;	2.85;	8900;	occ;	97;	0;	44459
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