

# GOMOS Daily Report 28-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	31AUG2010 04:53:59
Data source version	GOMOS/5.01
Start time of products	28AUG2010 00:01:23
Stop time of products	28AUG2010 23:58:24
Store outputs in DB	Yes
Nb of level 1b prods	125
Nb of prods with errors	1

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

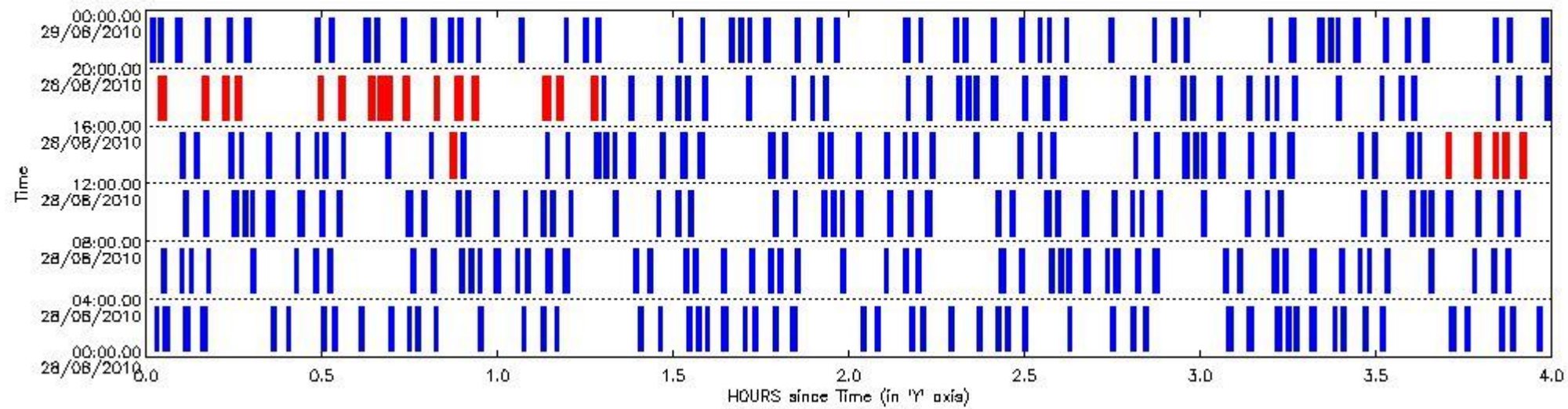
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
28-AUG-2010 12:51:45	11BetCas	74	44409
28-AUG-2010 15:41:53	24AlpPsA	18	44411
28-AUG-2010 15:46:51	49DelCap	142	44411
28-AUG-2010 15:50:02	22BetAqr	154	44411
28-AUG-2010 15:51:36	34AlpAqr	162	44411
28-AUG-2010 15:54:37	8EpsPeg	61	44411
28-AUG-2010 16:02:07	44EtaPeg	164	44411
28-AUG-2010 16:09:39	5AlpCep	89	44411
28-AUG-2010 16:12:55	11BetCas	74	44411
28-AUG-2010 16:15:06	27GamCas	76	44411
28-AUG-2010 16:29:26	13AlpAur	6	44411
28-AUG-2010 16:32:55	37TheAur	107	44411
28-AUG-2010 16:37:49	13MuGem	151	44411
28-AUG-2010 16:39:31	24GamGem	44	44411
28-AUG-2010 16:40:58	3BetCMi	153	44411

28-AUG-2010 16:43:47	58AlpOri	14	44411
28-AUG-2010 16:49:03	9AlpCMa	1	44411
28-AUG-2010 16:52:43	11AlpLep	101	44411
28-AUG-2010 16:55:40	DSA1062	0	44411
28-AUG-2010 17:07:39	The1Eri	157	44412
28-AUG-2010 17:10:07	AlpEri	9	44412
28-AUG-2010 17:16:05	AlpPhe	84	44412

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

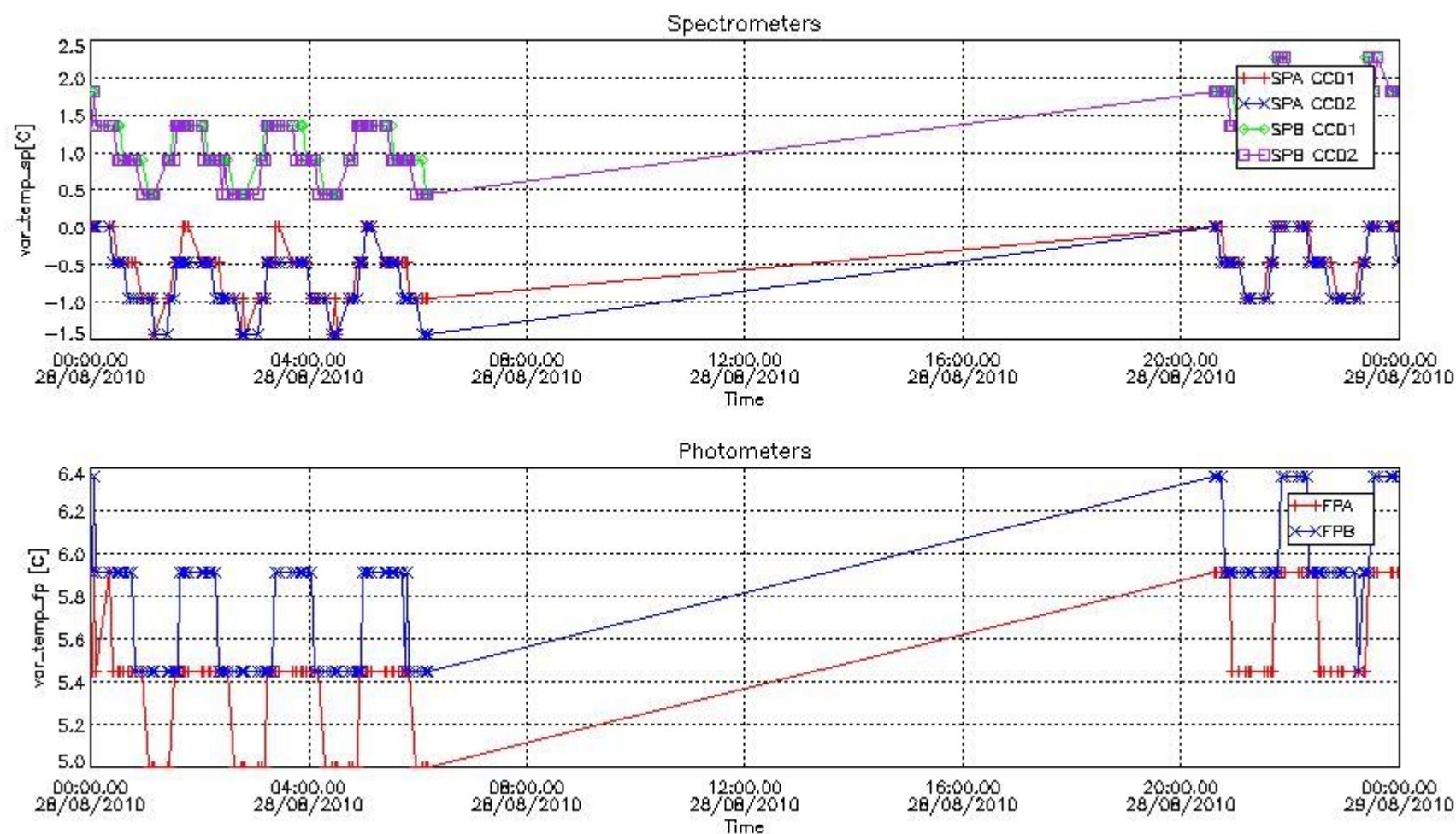
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100828_000123_000000422092_00259_44401_8870.N1	28-AUG-2010 00:01:23	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	44401	No
2	GOM_TRA_1PNPDE20100828_000251_000000562092_00259_44401_8871.N1	28-AUG-2010 00:02:51	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	44401	No
3	GOM_TRA_1PNPDE20100828_000626_000000532092_00259_44401_8872.N1	28-AUG-2010 00:06:26	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	44401	No
4	GOM_TRA_1PNPDE20100828_002120_000000532092_00260_44402_8873.N1	28-AUG-2010 00:21:20	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44402	No
5	GOM_TRA_1PNPDE20100828_002354_000000462092_00260_44402_8874.N1	28-AUG-2010 00:23:54	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44402	No
6	GOM_TRA_1PNPDE20100828_002952_000000582092_00260_44402_8875.N1	28-AUG-2010 00:29:52	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	44402	No
7	GOM_TRA_1PNPDE20100828_003138_000000512092_00260_44402_8876.N1	28-AUG-2010 00:31:38	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	44402	No
8	GOM_TRA_1PNPDE20100828_003619_000000502092_00260_44402_8877.N1	28-AUG-2010 00:36:19	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44402	No
9	GOM_TRA_1PNPDE20100828_004119_000000522092_00260_44402_8878.N1	28-AUG-2010 00:41:19	Bright	52.000	142	49Del Cap	2.8500	8900.0	104	44402	No
10	GOM_TRA_1PNPDE20100828_004430_000000392092_00260_44402_8879.N1	28-AUG-2010 00:44:30	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44402	No
11	GOM_TRA_1PNPDE20100828_004605_000000422092_00260_44402_8880.N1	28-AUG-2010 00:46:05	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44402	No
12	GOM_TRA_1PNPDE20100828_004907_000000402092_00260_44402_8881.N1	28-AUG-2010 00:49:07	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44402	No
13	GOM_TRA_1PNPDE20100828_005642_000000452092_00260_44402_8882.N1	28-AUG-2010 00:56:42	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44402	No
14	GOM_TRA_1PNPDE20100828_010410_000000342092_00260_44402_8883.N1	28-AUG-2010 01:04:10	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	44402	No
15	GOM_TRA_1PNPDE20100828_010730_000000462092_00260_44402_8884.N1	28-AUG-2010 01:07:30	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44402	No
16	GOM_TRA_1PNPDE20100828_010942_000000452092_00260_44402_8885.N1	28-AUG-2010 01:09:42	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44402	No
17	GOM_TRA_1PNPDE20100828_012357_000000592092_00260_44402_8886.N1	28-AUG-2010 01:23:57	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	44402	No
18	GOM_TRA_1PNPDE20100828_012724_000000432092_00260_44402_8887.N1	28-AUG-2010 01:27:24	Bright	42.500	107	37The Aur	2.6490	11000.	85	44402	No
19	GOM_TRA_1PNPDE20100828_013215_000000502092_00260_44402_8888.N1	28-AUG-2010 01:32:15	Twi_and_stray	50.000	151	13Mu Gem	2.8900	3000.0	100	44402	No
20	GOM_TRA_1PNPDE20100828_013357_000000472092_00260_44402_8889.N1	28-AUG-2010 01:33:57	Twi_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	44402	No
21	GOM_TRA_1PNPDE20100828_013525_000000392092_00260_44402_8890.N1	28-AUG-2010 01:35:25	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	44402	No
22	GOM_TRA_1PNPDE20100828_013810_000000652092_00260_44402_8891.N1	28-AUG-2010 01:38:10	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	44402	No
23	GOM_TRA_1PNPDE20100828_014200_000000342092_00260_44402_8887.N1	28-AUG-2010 01:42:00	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	44402	No
24	GOM_TRA_1PNPDE20100828_014327_000000482092_00260_44402_8888.N1	28-AUG-2010 01:43:27	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	44402	No
25	GOM_TRA_1PNPDE20100828_014703_000000542092_00260_44402_8889.N1	28-AUG-2010 01:47:03	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44402	No
26	GOM_TRA_1PNPDE20100828_020157_000000542092_00261_44403_8890.N1	28-AUG-2010 02:01:57	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44403	No
27	GOM_TRA_1PNPDE20100828_020430_000000442092_00261_44403_8891.N1	28-AUG-2010 02:04:30	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44403	No
28	GOM_TRA_1PNPDE20100828_021028_000000492092_00261_44403_8892.N1	28-AUG-2010 02:10:28	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44403	No
29	GOM_TRA_1PNPDE20100828_021214_000000482092_00261_44403_8893.N1	28-AUG-2010 02:12:14	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	44403	No
30	GOM_TRA_1PNPDE20100828_021655_000000512092_00261_44403_8894.N1	28-AUG-2010 02:16:55	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	44403	No
31	GOM_TRA_1PNPDE20100828_022155_000000472092_00261_44403_8895.N1	28-AUG-2010 02:21:55	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44403	No
32	GOM_TRA_1PNPDE20100828_022506_000000402092_00261_44403_8896.N1	28-AUG-2010 02:25:06	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	44403	No
33	GOM_TRA_1PNPDE20100828_022641_000000422092_00261_44403_8897.N1	28-AUG-2010 02:26:41	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44403	No
34	GOM_TRA_1PNPDE20100828_022943_000000402092_00261_44403_8898.N1	28-AUG-2010 02:29:43	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44403	No
35	GOM_TRA_1PNPDE20100828_023717_000000472092_00261_44403_8899.N1	28-AUG-2010 02:37:17	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	44403	No
36	GOM_TRA_1PNPDE20100828_024446_000000382092_00261_44403_8900.N1	28-AUG-2010 02:44:46	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44403	No
37	GOM_TRA_1PNPDE20100828_024806_000000462092_00261_44403_8901.N1	28-AUG-2010 02:48:06	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44403	No
38	GOM_TRA_1PNPDE20100828_025017_000000482092_00261_44403_8902.N1	28-AUG-2010 02:50:17	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44403	No
39	GOM_TRA_1PNPDE20100828_030433_000000592092_00261_44403_8921.N1	28-AUG-2010 03:04:33	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	44403	No
40	GOM_TRA_1PNPDE20100828_030800_000000652092_00261_44403_8922.N1	28-AUG-2010 03:08:00	Bright	65.000	107	37The Aur	2.6490	11000.	130	44403	No
41	GOM_TRA_1PNPDE20100828_031252_000000572092_00261_44403_8923.N1	28-AUG-2010 03:12:52	Twi_and_stray	56.500	151	13Mu Gem	2.8900	3000.0	113	44403	No
42	GOM_TRA_1PNPDE20100828_031433_000000492092_00261_44403_8924.N1	28-AUG-2010 03:14:33	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	44403	No
43	GOM_TRA_1PNPDE20100828_031601_000000402092_00261_44403_8925.N1	28-AUG-2010 03:16:01	Twilight	39.500	153	3Bet CMi	2.8940	13100.	79	44403	No
44	GOM_TRA_1PNPDE20100828_031847_000000622092_00261_44403_8926.N1	28-AUG-2010 03:18:47	Dark	61.500	14	58Alp Ori	0.87000	3000.0	123	44403	No
45	GOM_TRA_1PNPDE20100828_032237_000000342092_00261_44403_8927.N1	28-AUG-2010 03:22:37	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	44403	No
46	GOM_TRA_1PNPDE20100828_032403_000000472092_00261_44403_8928.N1	28-AUG-2010 03:24:03	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	44403	No
47	GOM_TRA_1PNPDE20100828_032739_000000482092_00261_44403_8929.N1	28-AUG-2010 03:27:39	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	44403	No

48	GOM_TRA_1PNPDE20100828_034234_000000562092_00262_44404_8930.N1	28-AUG-2010 03:42:34	Dark	55.500	157	The1Eri	2.9060	9300.0	111	44404	No
49	GOM_TRA_1PNPDE20100828_034507_000000472092_00262_44404_8931.N1	28-AUG-2010 03:45:07	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44404	No
50	GOM_TRA_1PNPDE20100828_035105_000000562092_00262_44404_8932.N1	28-AUG-2010 03:51:05	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44404	No
51	GOM_TRA_1PNPDE20100828_035251_000000542092_00262_44404_8933.N1	28-AUG-2010 03:52:51	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	44404	No
52	GOM_TRA_1PNPDE20100828_035732_000000512092_00262_44404_8934.N1	28-AUG-2010 03:57:32	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44404	No
53	GOM_TRA_1PNPDE20100828_040231_000000482092_00262_44404_8935.N1	28-AUG-2010 04:02:31	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	44404	No
54	GOM_TRA_1PNPDE20100828_040542_000000402092_00262_44404_8936.N1	28-AUG-2010 04:05:42	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44404	No
55	GOM_TRA_1PNPDE20100828_040717_000000422092_00262_44404_8937.N1	28-AUG-2010 04:07:17	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44404	No
56	GOM_TRA_1PNPDE20100828_041019_000000412092_00262_44404_8938.N1	28-AUG-2010 04:10:19	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44404	No
57	GOM_TRA_1PNPDE20100828_041753_000000462092_00262_44404_8939.N1	28-AUG-2010 04:17:53	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44404	No
58	GOM_TRA_1PNPDE20100828_042521_000000372092_00262_44404_8940.N1	28-AUG-2010 04:25:21	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44404	No
59	GOM_TRA_1PNPDE20100828_042841_000000452092_00262_44404_8941.N1	28-AUG-2010 04:28:41	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44404	No
60	GOM_TRA_1PNPDE20100828_043052_000000482092_00262_44404_8942.N1	28-AUG-2010 04:30:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44404	No
61	GOM_TRA_1PNPDE20100828_044508_000000542092_00262_44404_8951.N1	28-AUG-2010 04:45:08	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	44404	No
62	GOM_TRA_1PNPDE20100828_044836_000000442092_00262_44404_8952.N1	28-AUG-2010 04:48:36	Bright	44.000	107	37The Aur	2.6490	11000.	88	44404	No
63	GOM_TRA_1PNPDE20100828_045328_000000542092_00262_44404_8953.N1	28-AUG-2010 04:53:28	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44404	No
64	GOM_TRA_1PNPDE20100828_045510_000000472092_00262_44404_8954.N1	28-AUG-2010 04:55:10	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	44404	No
65	GOM_TRA_1PNPDE20100828_045637_000000412092_00262_44404_8955.N1	28-AUG-2010 04:56:37	Twilight	40.500	153	3Bet CMI	2.8940	13100.	81	44404	No
66	GOM_TRA_1PNPDE20100828_045923_000000632092_00262_44404_8956.N1	28-AUG-2010 04:59:23	Dark	62.500	14	58Alp Ori	0.87000	3000.0	125	44404	No
67	GOM_TRA_1PNPDE20100828_050314_000000252092_00262_44404_8957.N1	28-AUG-2010 05:03:14	Dark	25.000	30	46Eps Ori	1.6940	30000.	50	44404	No
68	GOM_TRA_1PNPDE20100828_050440_000000502092_00262_44404_8958.N1	28-AUG-2010 05:04:40	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44404	No
69	GOM_TRA_1PNPDE20100828_050817_000000522092_00262_44404_8959.N1	28-AUG-2010 05:08:17	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44404	No
70	GOM_TRA_1PNPDE20100828_052311_000000532092_00263_44405_8960.N1	28-AUG-2010 05:23:11	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44405	No
71	GOM_TRA_1PNPDE20100828_052544_000000452092_00263_44405_8961.N1	28-AUG-2010 05:25:44	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44405	No
72	GOM_TRA_1PNPDE20100828_053141_000000602092_00263_44405_8962.N1	28-AUG-2010 05:31:41	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	44405	No
73	GOM_TRA_1PNPDE20100828_053327_000000482092_00263_44405_8963.N1	28-AUG-2010 05:33:27	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	44405	No
74	GOM_TRA_1PNPDE20100828_053808_000000452092_00263_44405_8964.N1	28-AUG-2010 05:38:08	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44405	No
75	GOM_TRA_1PNPDE20100828_054307_000000452092_00263_44405_8965.N1	28-AUG-2010 05:43:07	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44405	No
76	GOM_TRA_1PNPDE20100828_054618_000000402092_00263_44405_8966.N1	28-AUG-2010 05:46:18	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44405	No
77	GOM_TRA_1PNPDE20100828_054753_000000432092_00263_44405_8967.N1	28-AUG-2010 05:47:53	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44405	No
78	GOM_TRA_1PNPDE20100828_055055_000000402092_00263_44405_8968.N1	28-AUG-2010 05:50:55	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44405	No
79	GOM_TRA_1PNPDE20100828_055828_000000482092_00263_44405_8969.N1	28-AUG-2010 05:58:28	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	44405	No
80	GOM_TRA_1PNPDE20100828_060557_000000382092_00263_44405_8970.N1	28-AUG-2010 06:05:57	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44405	No
81	GOM_TRA_1PNPDE20100828_060916_000000452092_00263_44405_8971.N1	28-AUG-2010 06:09:16	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44405	No
82	GOM_TRA_1PNPDE20100828_061128_000000462092_00263_44405_8972.N1	28-AUG-2010 06:11:28	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44405	No
83	GOM_TRA_1PNPDE20100828_203711_000000612092_00272_44414_9076.N1	28-AUG-2010 20:37:11	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	44414	No
84	GOM_TRA_1PNPDE20100828_203853_000000512092_00272_44414_9077.N1	28-AUG-2010 20:38:53	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	44414	No
85	GOM_TRA_1PNPDE20100828_204334_000000512092_00272_44414_9078.N1	28-AUG-2010 20:43:34	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44414	No
86	GOM_TRA_1PNPDE20100828_204831_000000542092_00272_44414_9079.N1	28-AUG-2010 20:48:31	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	44414	No
87	GOM_TRA_1PNPDE20100828_205142_000000382092_00272_44414_9080.N1	28-AUG-2010 20:51:42	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	44414	No
88	GOM_TRA_1PNPDE20100828_205316_000000422092_00272_44414_9081.N1	28-AUG-2010 20:53:16	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44414	No
89	GOM_TRA_1PNPDE20100828_205618_000000392092_00272_44414_9082.N1	28-AUG-2010 20:56:18	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44414	No
90	GOM_TRA_1PNPDE20100828_210346_000000442092_00272_44414_9083.N1	28-AUG-2010 21:03:46	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	44414	No
91	GOM_TRA_1PNPDE20100828_211119_000000402092_00272_44414_9084.N1	28-AUG-2010 21:11:19	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44414	No
92	GOM_TRA_1PNPDE20100828_211433_000000472092_00272_44414_9085.N1	28-AUG-2010 21:14:33	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	44414	No
93	GOM_TRA_1PNPDE20100828_211644_000000472092_00272_44414_9086.N1	28-AUG-2010 21:16:44	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44414	No
94	GOM_TRA_1PNPDE20100828_213106_000000252092_00272_44414_9087.N1	28-AUG-2010 21:31:06	Twilight	25.000	6	13Alp Aur	0.080000	3400.0	50	44414	No
95	GOM_TRA_1PNPDE20100828_213436_000000442092_00272_44414_9088.N1	28-AUG-2010 21:34:36	Bright	44.000	107	37The Aur	2.6490	11000.	88	44414	No
96	GOM_TRA_1PNPDE20100828_213930_000000572092_00272_44414_9089.N1	28-AUG-2010 21:39:30	Twilight	57.000	151	13Mu Gem	2.8900	3000.0	114	44414	No
97	GOM_TRA_1PNPDE20100828_214113_000000472092_00272_44414_9090.N1	28-AUG-2010 21:41:13	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	44414	No
98	GOM_TRA_1PNPDE20100828_214240_000000392092_00272_44414_9091.N1	28-AUG-2010 21:42:40	Twilight	38.500	153	3Bet CMI	2.8940	13100.	77	44414	No
99	GOM_TRA_1PNPDE20100828_214530_000000582092_00272_44414_9092.N1	28-AUG-2010 21:45:30	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	44414	No
100	GOM_TRA_1PNPDE20100828_215045_000000542092_00272_44414_9100.N1	28-AUG-2010 21:50:45	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	44414	No
101	GOM_TRA_1PNPDE20100828_215426_000000532092_00272_44414_9101.N1	28-AUG-2010 21:54:26	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	44414	No
102	GOM_TRA_1PNPDE20100828_220923_000000542092_00273_44415_9102.N1	28-AUG-2010 22:09:23	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44415	No
103	GOM_TRA_1PNPDE20100828_221149_000000462092_00273_44415_9103.N1	28-AUG-2010 22:11:49	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44415	No
104	GOM_TRA_1PNPDE20100828_221747_000000542092_00273_44415_9104.N1	28-AUG-2010 22:17:47	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	44415	No
105	GOM_TRA_1PNPDE20100828_221933_000000512092_00273_44415_9105.N1	28-AUG-2010 22:19:33	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	44415	No
106	GOM_TRA_1PNPDE20100828_222410_000000492092_00273_44415_9106.N1	28-AUG-2010 22:24:10	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44415	No



107	GOM_TRA_1PNPDE20100828_222907_000000472092_00273_44415_9107.N1	28-AUG-2010 22:29:07	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44415	No
108	GOM_TRA_1PNPDE20100828_223218_000000392092_00273_44415_9108.N1	28-AUG-2010 22:32:18	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44415	No
109	GOM_TRA_1PNPDE20100828_223352_000000422092_00273_44415_9109.N1	28-AUG-2010 22:33:52	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44415	No
110	GOM_TRA_1PNPDE20100828_223653_000000392092_00273_44415_9110.N1	28-AUG-2010 22:36:53	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44415	No
111	GOM_TRA_1PNPDE20100828_224422_000000472092_00273_44415_9111.N1	28-AUG-2010 22:44:22	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	44415	No
112	GOM_TRA_1PNPDE20100828_225155_000000382092_00273_44415_9112.N1	28-AUG-2010 22:51:55	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44415	No
113	GOM_TRA_1PNPDE20100828_225509_000000462092_00273_44415_9113.N1	28-AUG-2010 22:55:09	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44415	No
114	GOM_TRA_1PNPDE20100828_225720_000000472092_00273_44415_9114.N1	28-AUG-2010 22:57:20	Bright	46.500	76	27Gam Cas	2.3000	30000.0	93	44415	No
115	GOM_TRA_1PNPDE20100828_231142_000000252092_00273_44415_9115.N1	28-AUG-2010 23:11:42	Twilight	25.000	6	13Alp Aur	0.080000	3400.0	50	44415	No
116	GOM_TRA_1PNPDE20100828_231511_000000642092_00273_44415_9116.N1	28-AUG-2010 23:15:11	Bright	64.000	107	37The Aur	2.6490	11000.0	128	44415	No
117	GOM_TRA_1PNPDE20100828_232007_000000582092_00273_44415_9117.N1	28-AUG-2010 23:20:07	Twilight	58.000	151	13Mu Gem	2.8900	3000.0	116	44415	No
118	GOM_TRA_1PNPDE20100828_232149_000000472092_00273_44415_9118.N1	28-AUG-2010 23:21:49	Twilight	46.500	44	24Gam Gem	1.9280	11000.0	93	44415	No
119	GOM_TRA_1PNPDE20100828_232316_000000372092_00273_44415_9119.N1	28-AUG-2010 23:23:16	Twilight	37.000	153	3Bet CMi	2.8940	13100.0	74	44415	No
120	GOM_TRA_1PNPDE20100828_232606_000000702092_00273_44415_9120.N1	28-AUG-2010 23:26:06	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	44415	No
121	GOM_TRA_1PNPDE20100828_233121_000000502092_00273_44415_9121.N1	28-AUG-2010 23:31:21	Dark	49.500	1	9Alp CMa	-1.4400	11000.0	99	44415	Yes
122	GOM_TRA_1PNPDE20100828_233503_000000522092_00273_44415_9122.N1	28-AUG-2010 23:35:03	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44415	No
123	GOM_TRA_1PNPDE20100828_235000_000000522092_00274_44416_9123.N1	28-AUG-2010 23:50:00	Dark	51.500	157	The1Eri	2.9060	9300.0	103	44416	No
124	GOM_TRA_1PNPDE20100828_235226_000000452092_00274_44416_9124.N1	28-AUG-2010 23:52:26	Dark	44.500	9	Alp Eri	0.45300	24000.0	89	44416	No
125	GOM_TRA_1PNPDE20100828_235824_000000522092_00274_44416_9125.N1	28-AUG-2010 23:58:24	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	44416	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

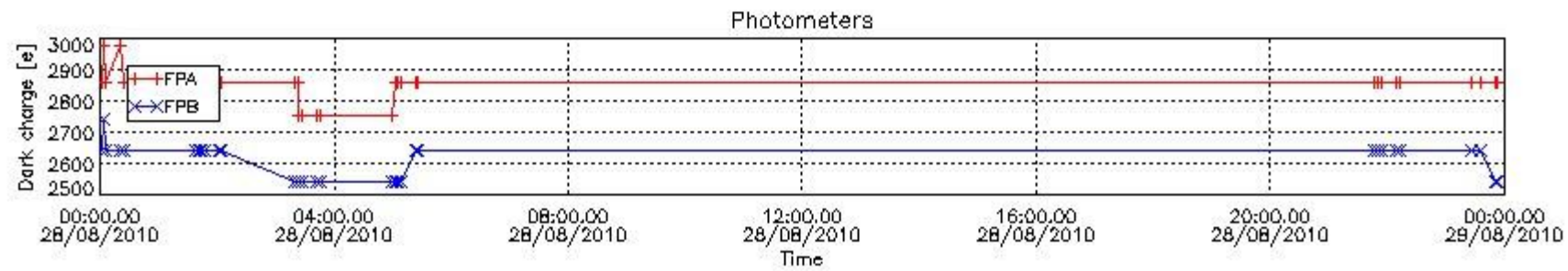
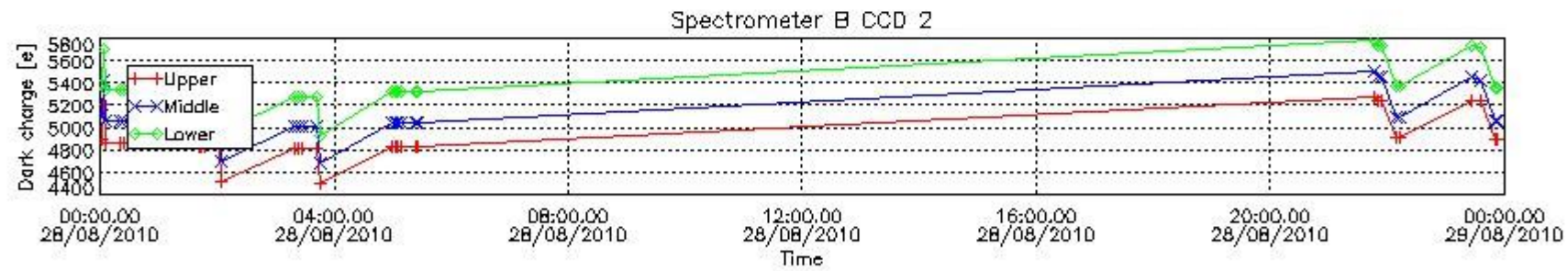
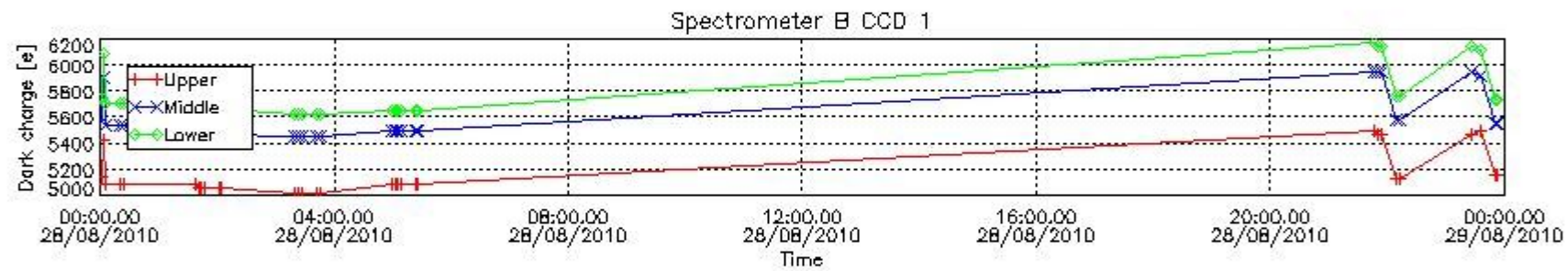
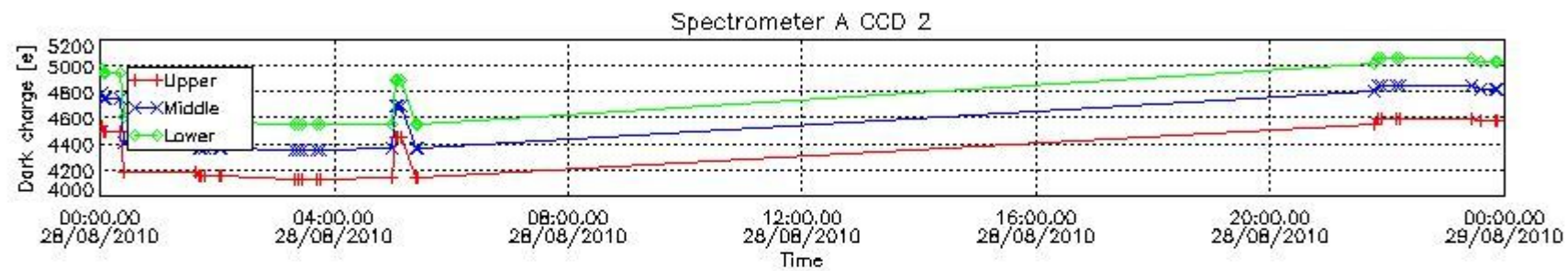
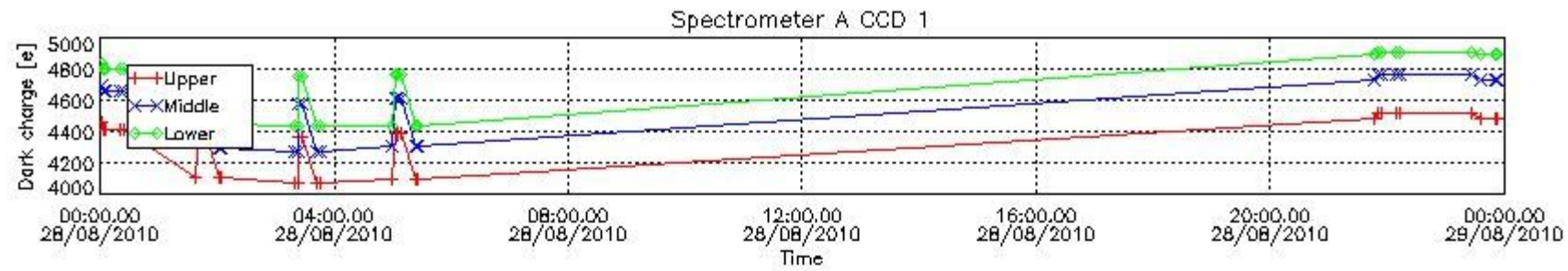
from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative 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_1PNPDE20100828_203711_000000612092_00272_44414_9076.N1	DC map used
GOM_TRA_1PNPDE20100828_203853_000000512092_00272_44414_9077.N1	DC map used
GOM_TRA_1PNPDE20100828_204334_000000512092_00272_44414_9078.N1	DC map used
GOM_TRA_1PNPDE20100828_204831_000000542092_00272_44414_9079.N1	DC map used
GOM_TRA_1PNPDE20100828_205142_000000382092_00272_44414_9080.N1	DC map used
GOM_TRA_1PNPDE20100828_205316_000000422092_00272_44414_9081.N1	DC map used
GOM_TRA_1PNPDE20100828_205618_000000392092_00272_44414_9082.N1	DC map used
GOM_TRA_1PNPDE20100828_210346_000000442092_00272_44414_9083.N1	DC map used
GOM_TRA_1PNPDE20100828_211119_000000402092_00272_44414_9084.N1	DC map used
GOM_TRA_1PNPDE20100828_211433_000000472092_00272_44414_9085.N1	DC map used
GOM_TRA_1PNPDE20100828_211644_000000472092_00272_44414_9086.N1	DC map used
GOM_TRA_1PNPDE20100828_213106_000000252092_00272_44414_9087.N1	DC map used
GOM_TRA_1PNPDE20100828_213436_000000442092_00272_44414_9088.N1	DC map used
GOM_TRA_1PNPDE20100828_213930_000000572092_00272_44414_9089.N1	DC map used
GOM_TRA_1PNPDE20100828_214113_000000472092_00272_44414_9090.N1	DC map used
GOM_TRA_1PNPDE20100828_214240_000000392092_00272_44414_9091.N1	DC map used
GOM_TRA_1PNPDE20100828_214530_000000582092_00272_44414_9092.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

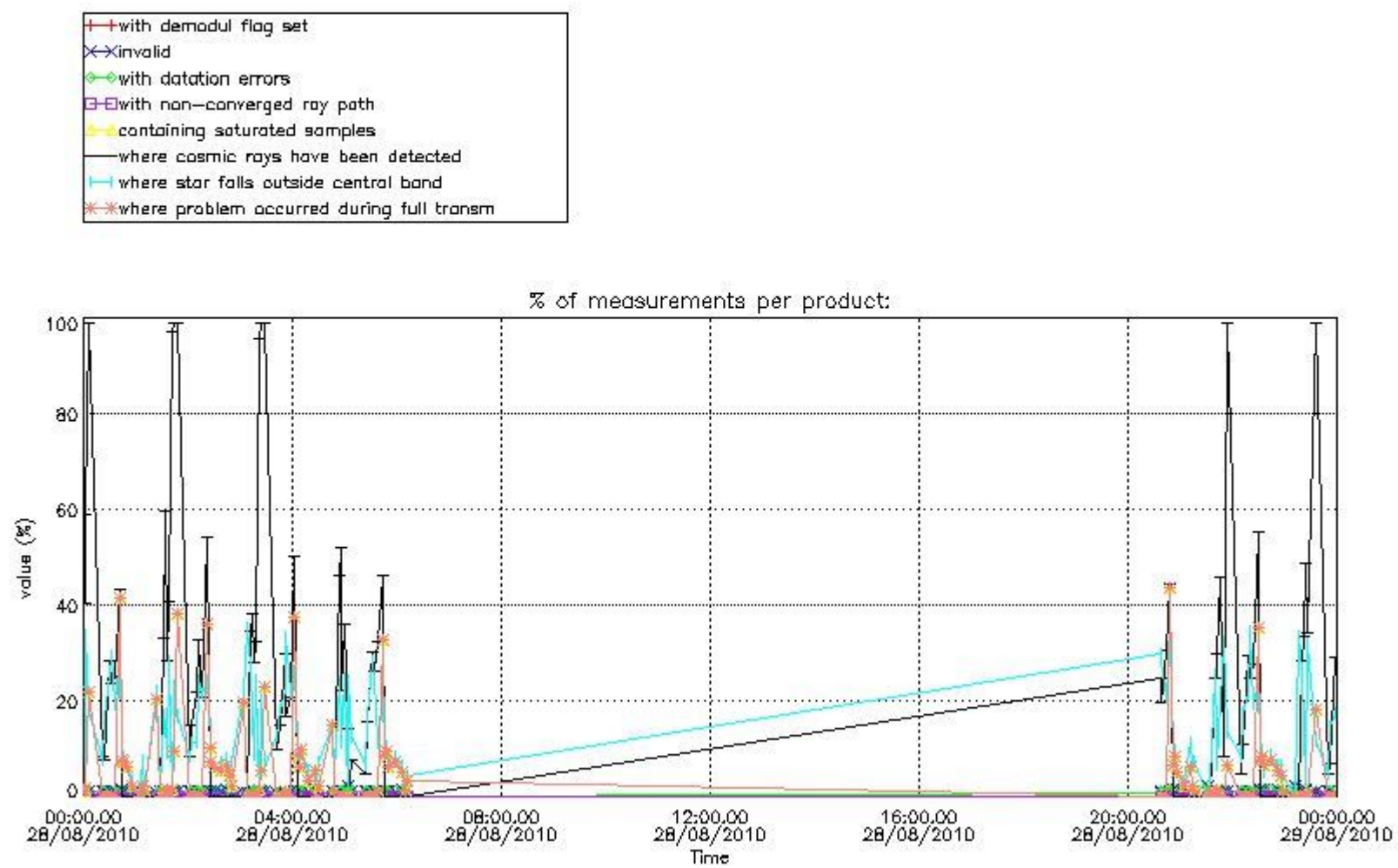
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

### 5.1 Percentage of products during reporting period with:



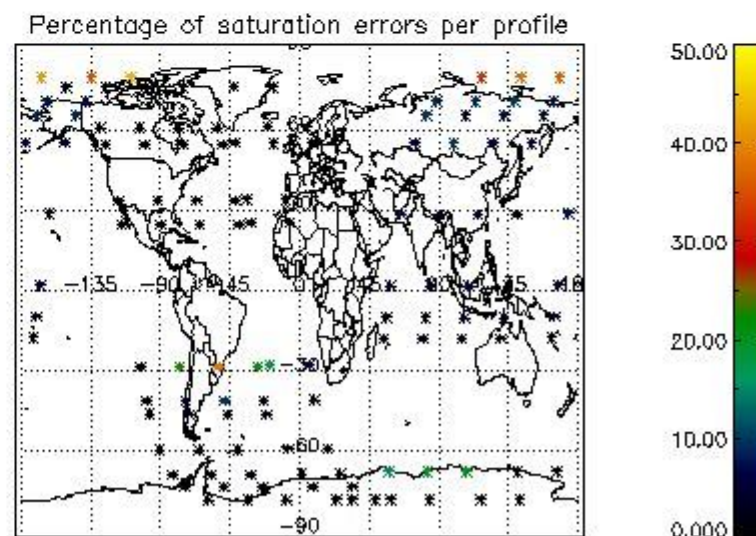
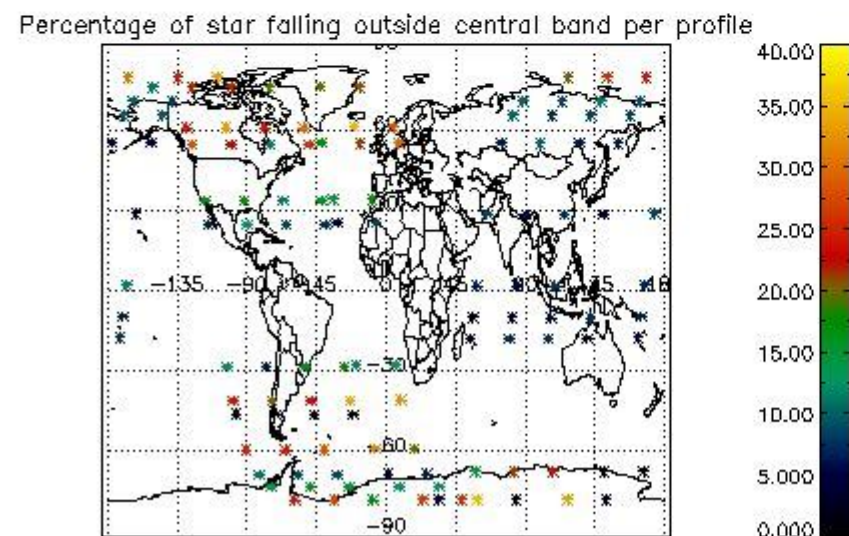
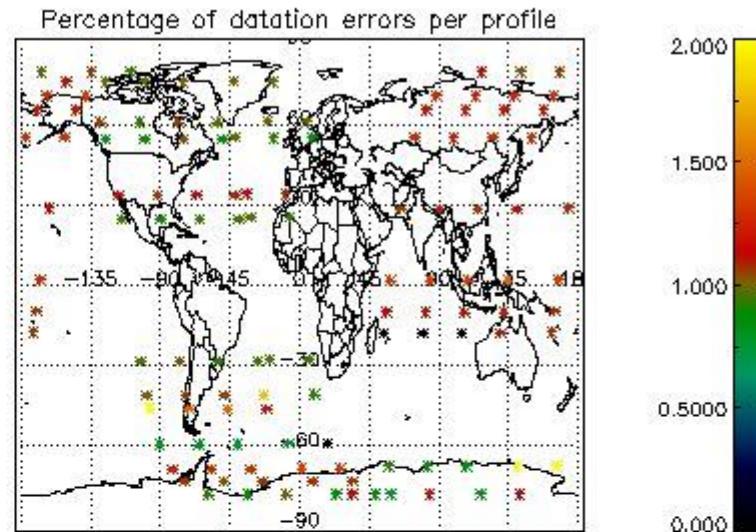
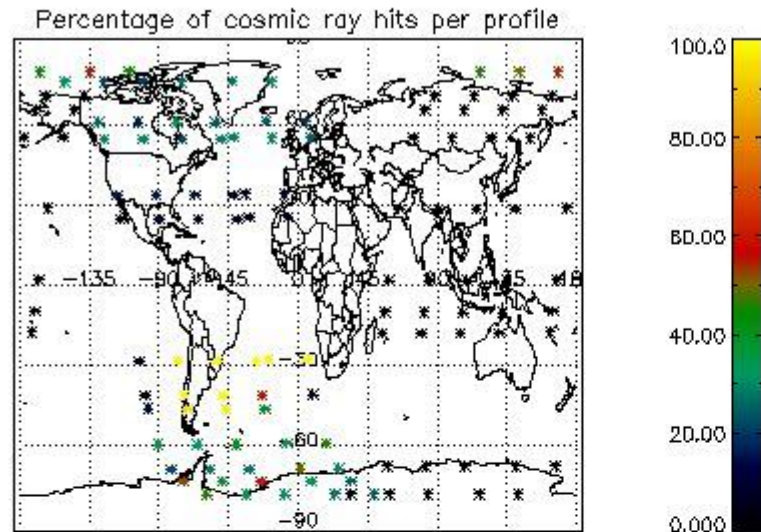
At least one measurement with demodulation flag set:	38.7097 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

### 5.2 Plot quality information per product (time dependant)



### 5.3 Plot quality information per product (world map)





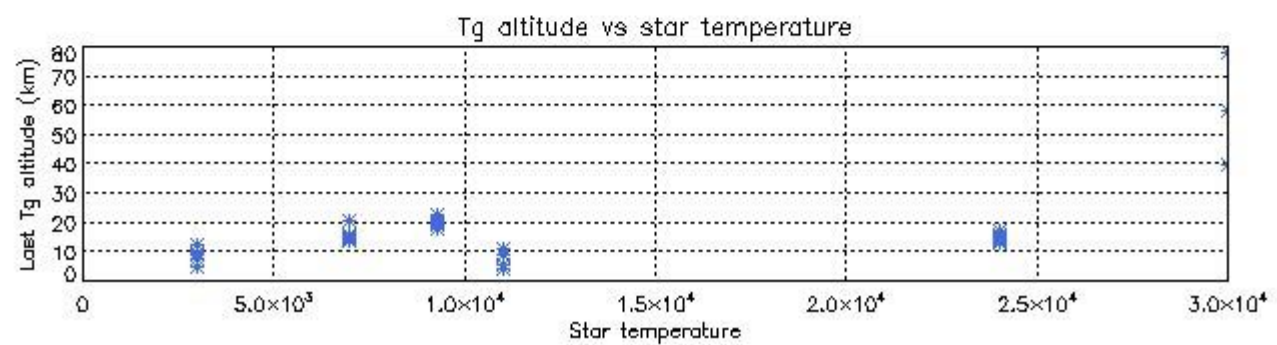
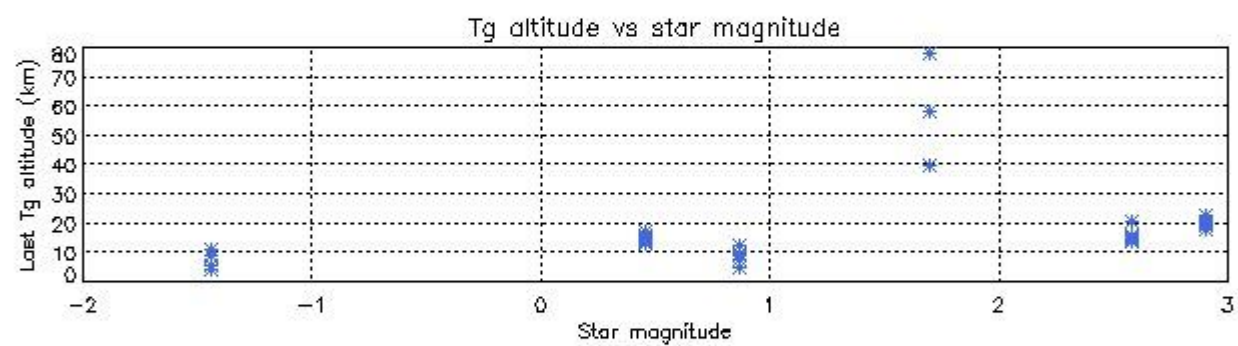
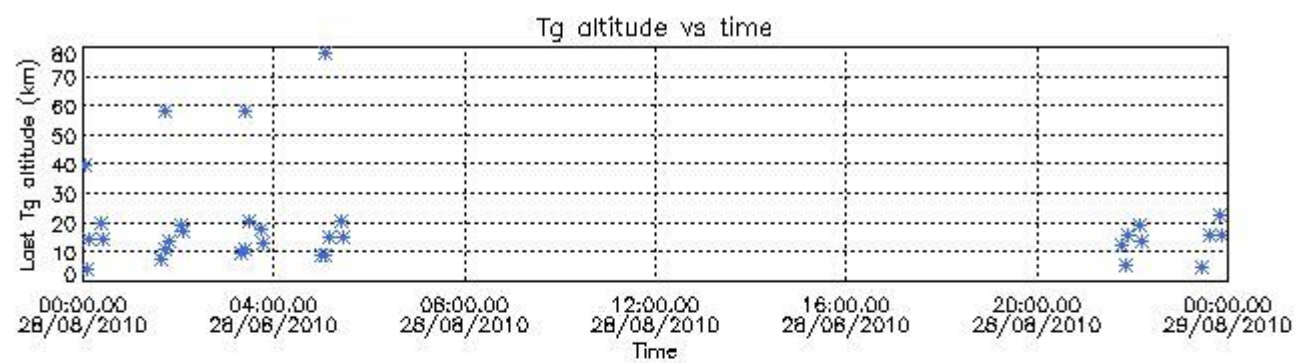
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	19.414	18.177	17.434
St. deviation:	16.492	5.2966	1.9742
Maximum:	78.123	27.953	20.477
Minimum:	4.1808	4.4663	15.327
Number of data:	32.000	56.000	5.0000

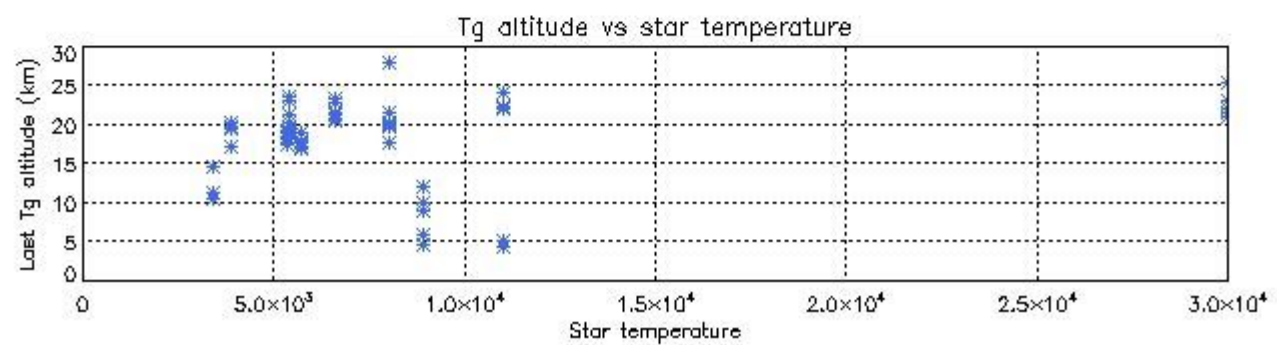
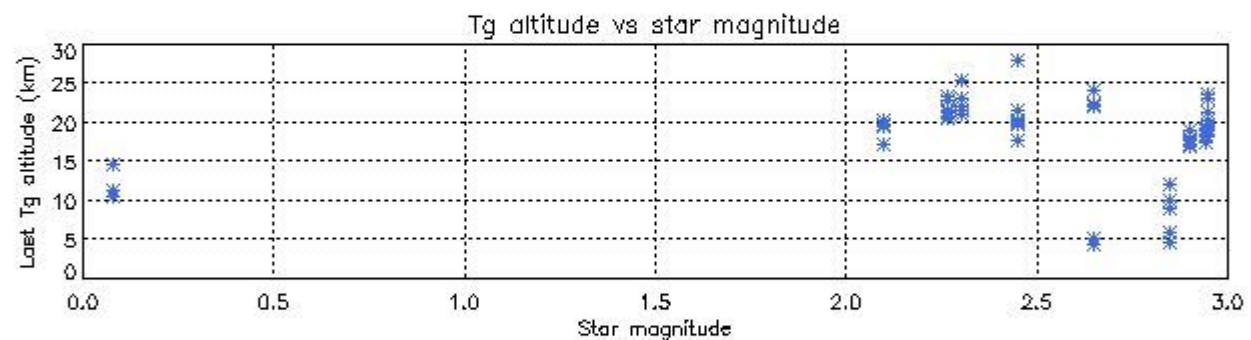
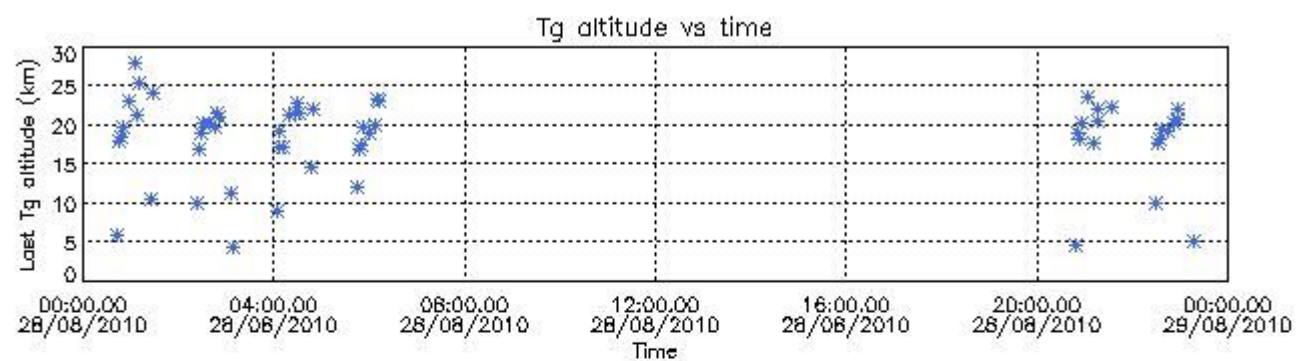
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

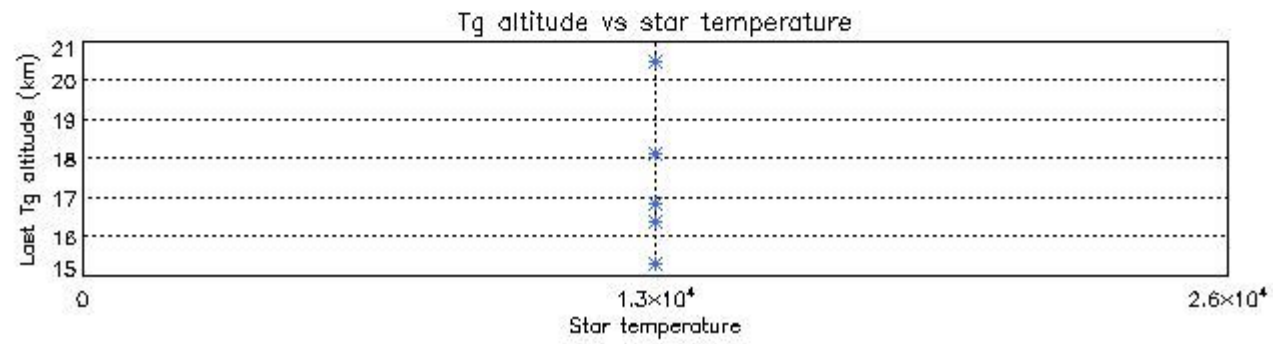
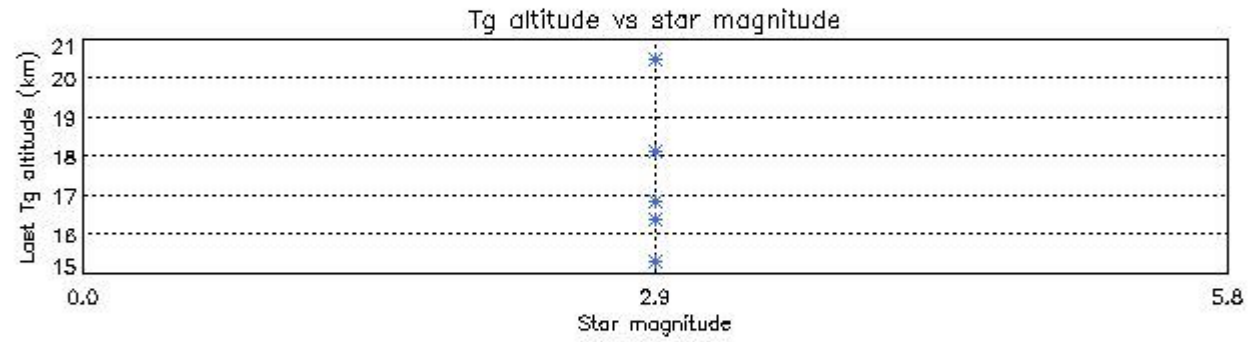
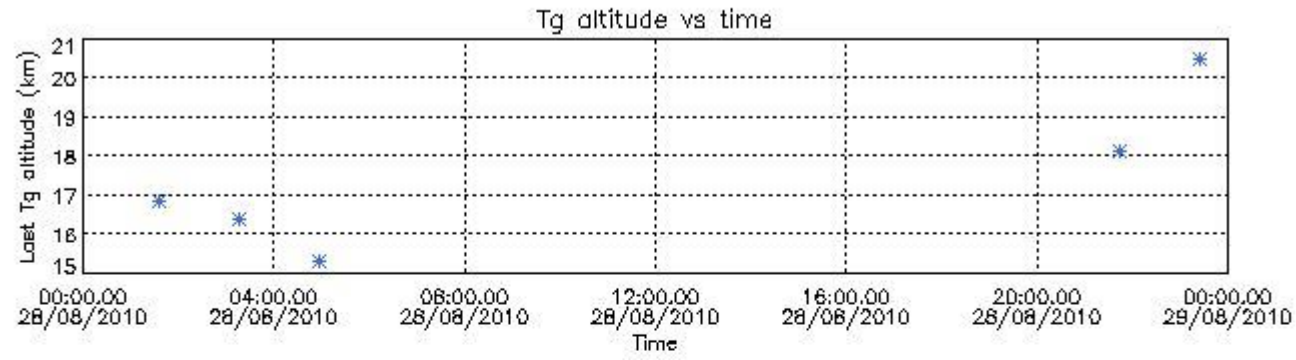
Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products



## Tangent altitude at which the star is lost

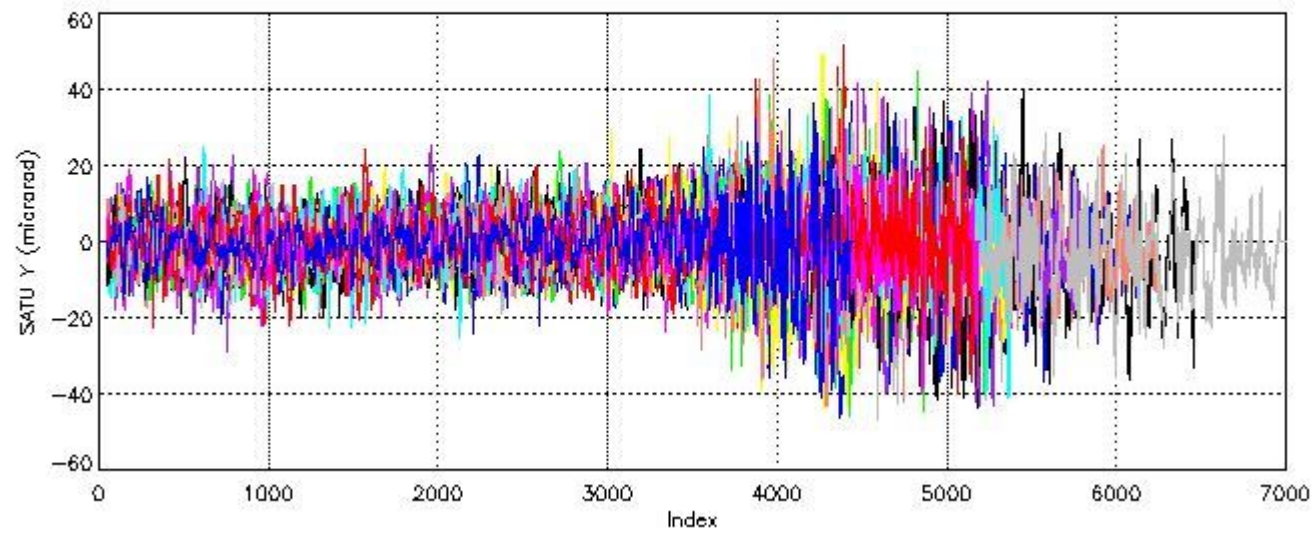
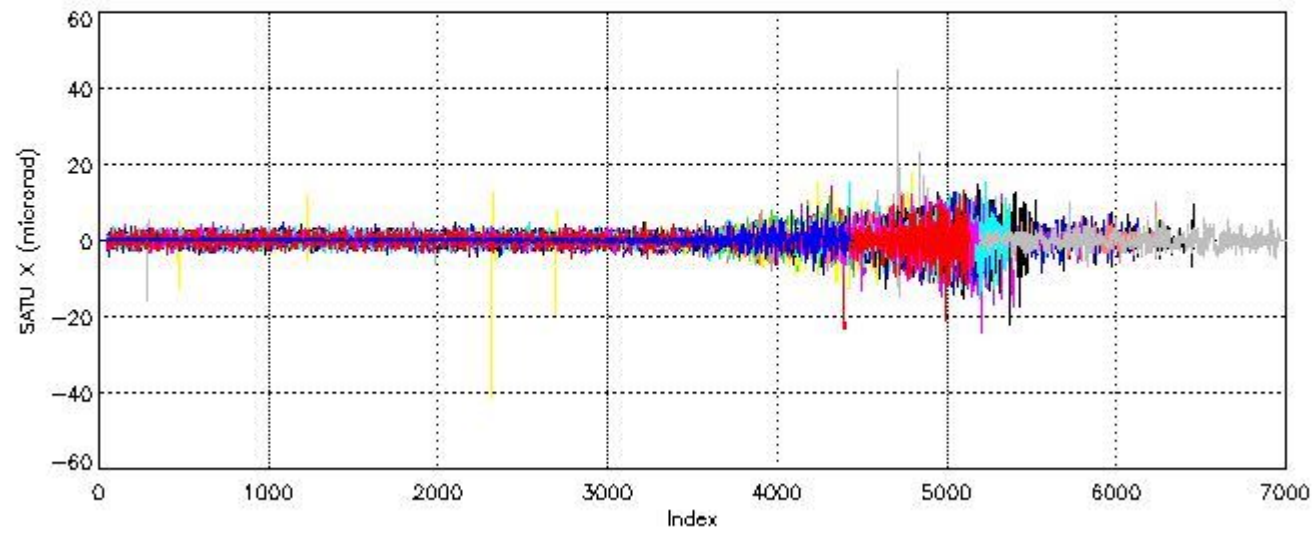


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.22008	-0.83820	0.24326	-0.66908
St. deviation:	0.61522	5.0855	0.84927	4.5474
Maximum:	5.5000	24.700	5.0000	20.000
Minimum:	-15.700	-28.800	-4.3000	-21.800

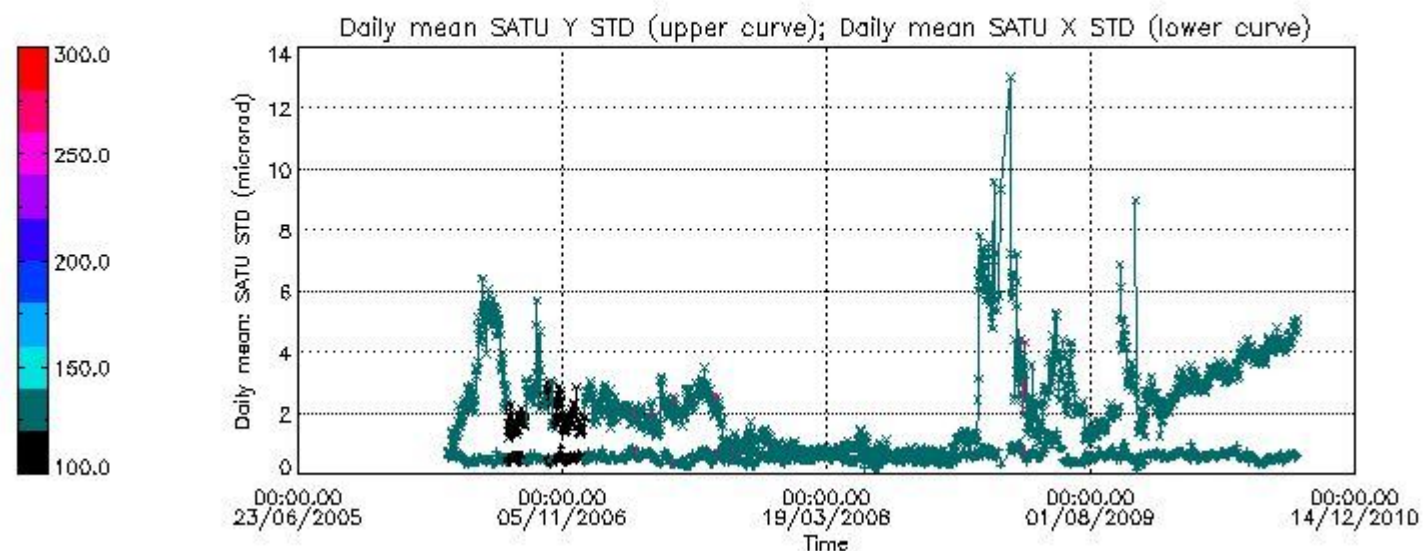
Number of data:	36300.	36300.	56800.	56800.
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### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

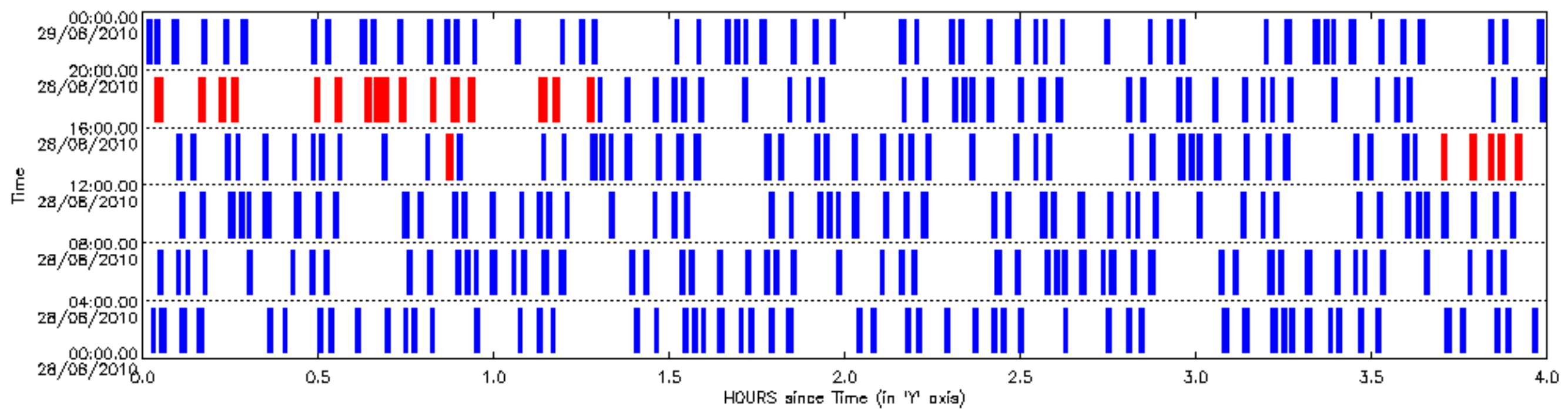


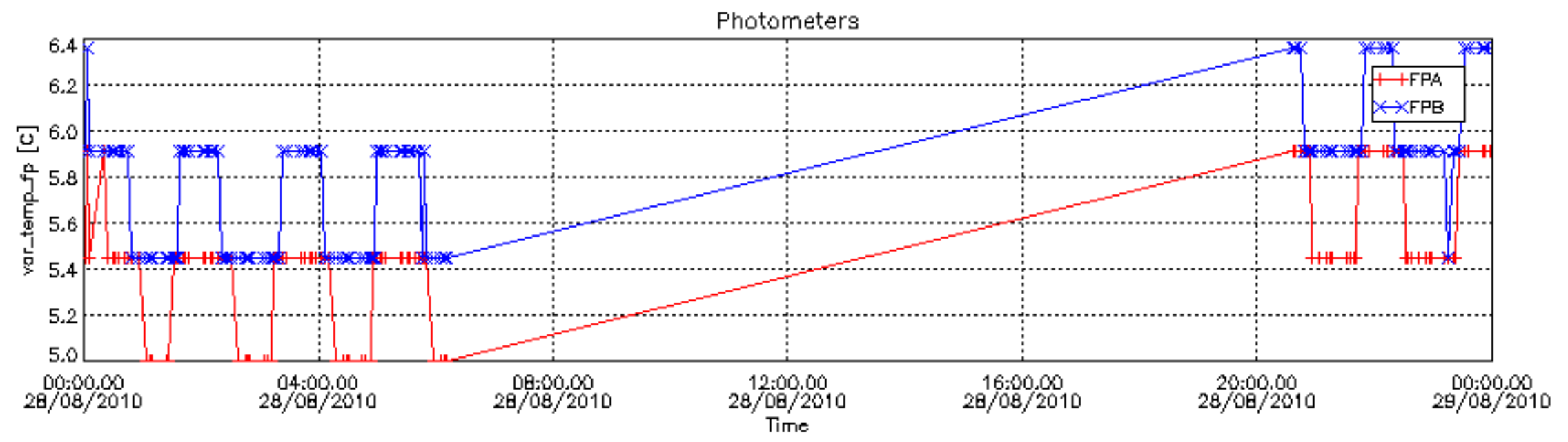
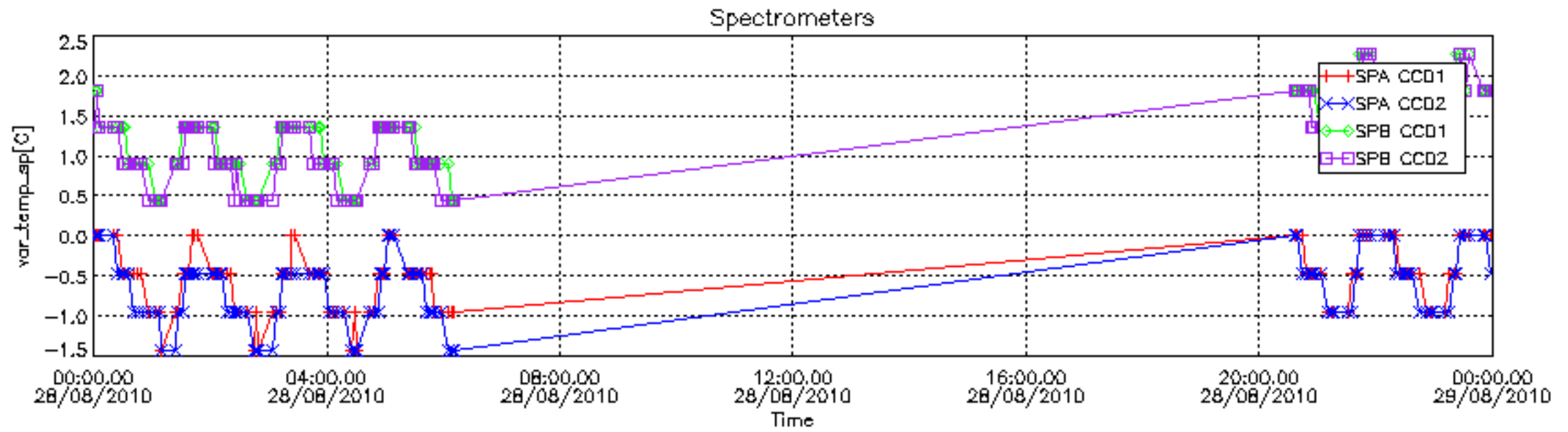
### 8. Auxiliary Data Files used for the production reported in section 2.4

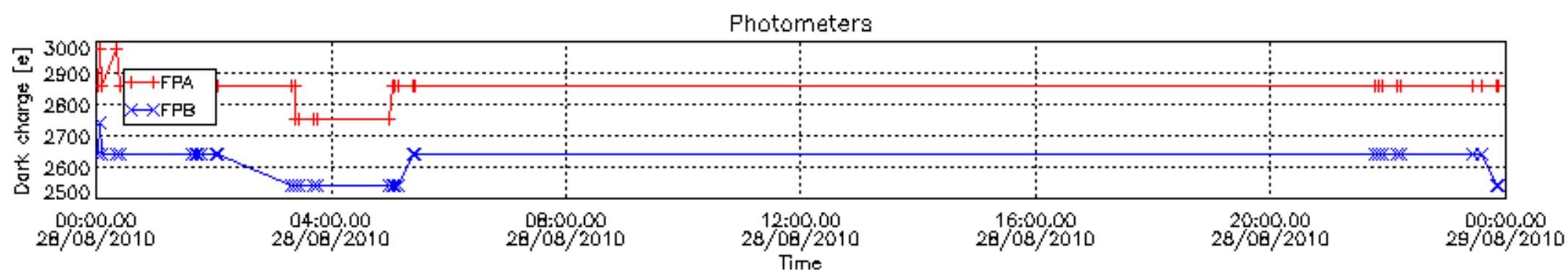
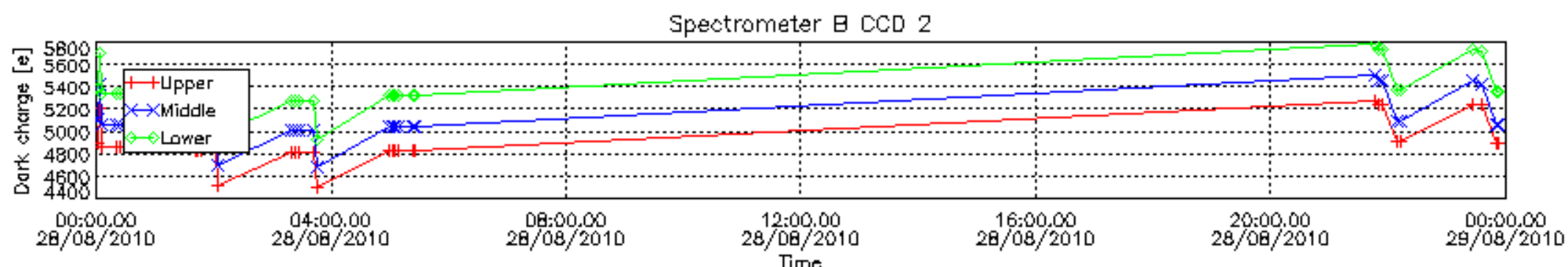
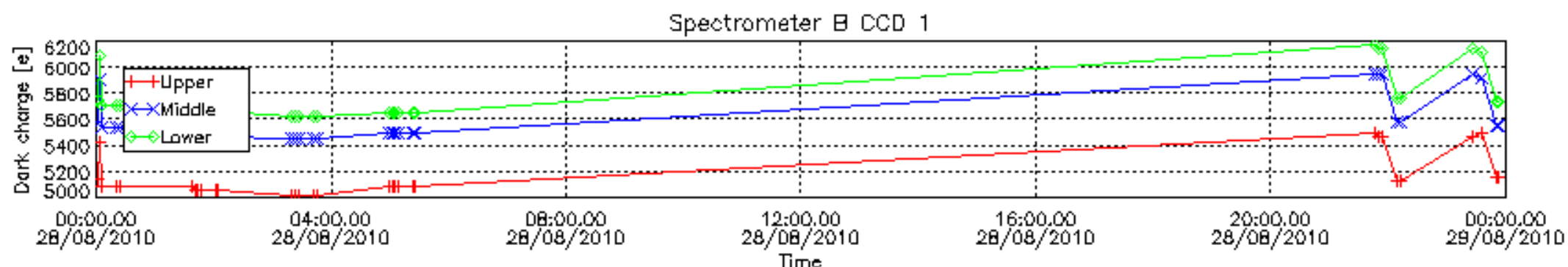
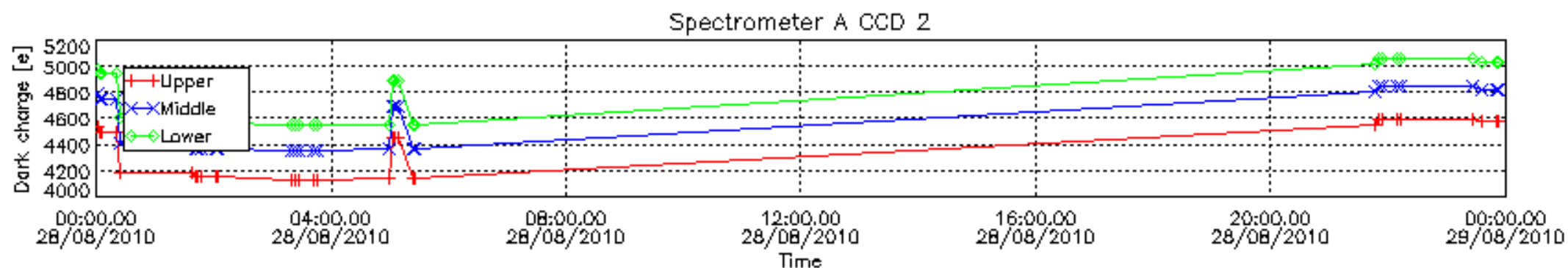
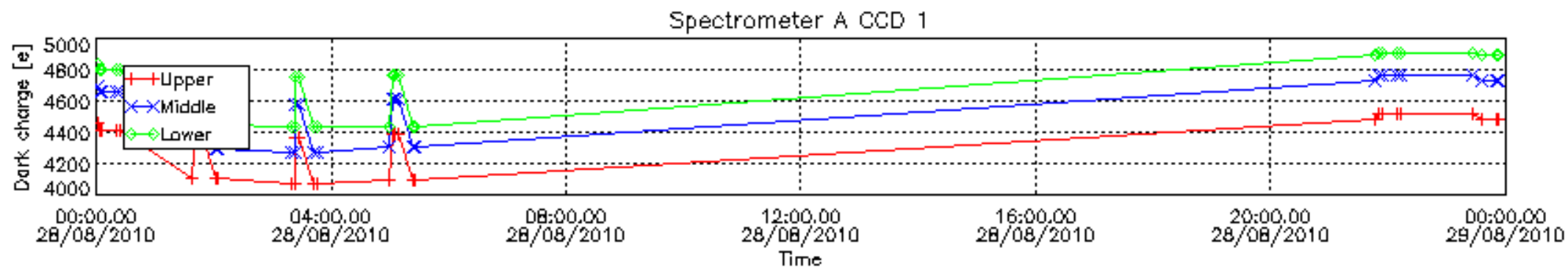
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-AUG-2010 00:01:23
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100824_082223_20100822_000000_20500101_000000	1	28-AUG-2010 00:01:23
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	28-AUG-2010 00:01:23
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	28-AUG-2010 00:01:23
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	28-AUG-2010 00:01:23
ECMWF_FILE	AUX_ECF_AXNECM20100827_054114_20100827_210000_20100828_090000	1	28-AUG-2010 00:01:23
ECMWF_FILE	AUX_ECF_AXNECM20100827_174114_20100828_030000_20100828_150000	39	28-AUG-2010 03:04:33
ECMWF_FILE	AUX_ECF_AXNECM20100828_054114_20100828_150000_20100829_030000	83	28-AUG-2010 20:37:11
ECMWF_FILE	AUX_ECF_AXNECM20100828_054114_20100828_210000_20100829_090000	100	28-AUG-2010 21:50:45
OPTIONAL_ECMWF_FILE	MISSING	1	28-AUG-2010 00:01:23
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ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100828_000129_000054192092_00259_44401_0941.N1	2	28-AUG-2010 00:02:51
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100828_013707_000041442092_00260_44402_0942.N1	23	28-AUG-2010 01:42:00
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100828_025130_000057382092_00261_44403_0943.N1	39	28-AUG-2010 03:04:33
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100828_043227_000057382092_00262_44404_0944.N1	61	28-AUG-2010 04:45:08
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100828_203408_000041442092_00272_44414_0945.N1	83	28-AUG-2010 20:37:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100828_214312_000060572092_00272_44414_0946.N1	100	28-AUG-2010 21:50:45
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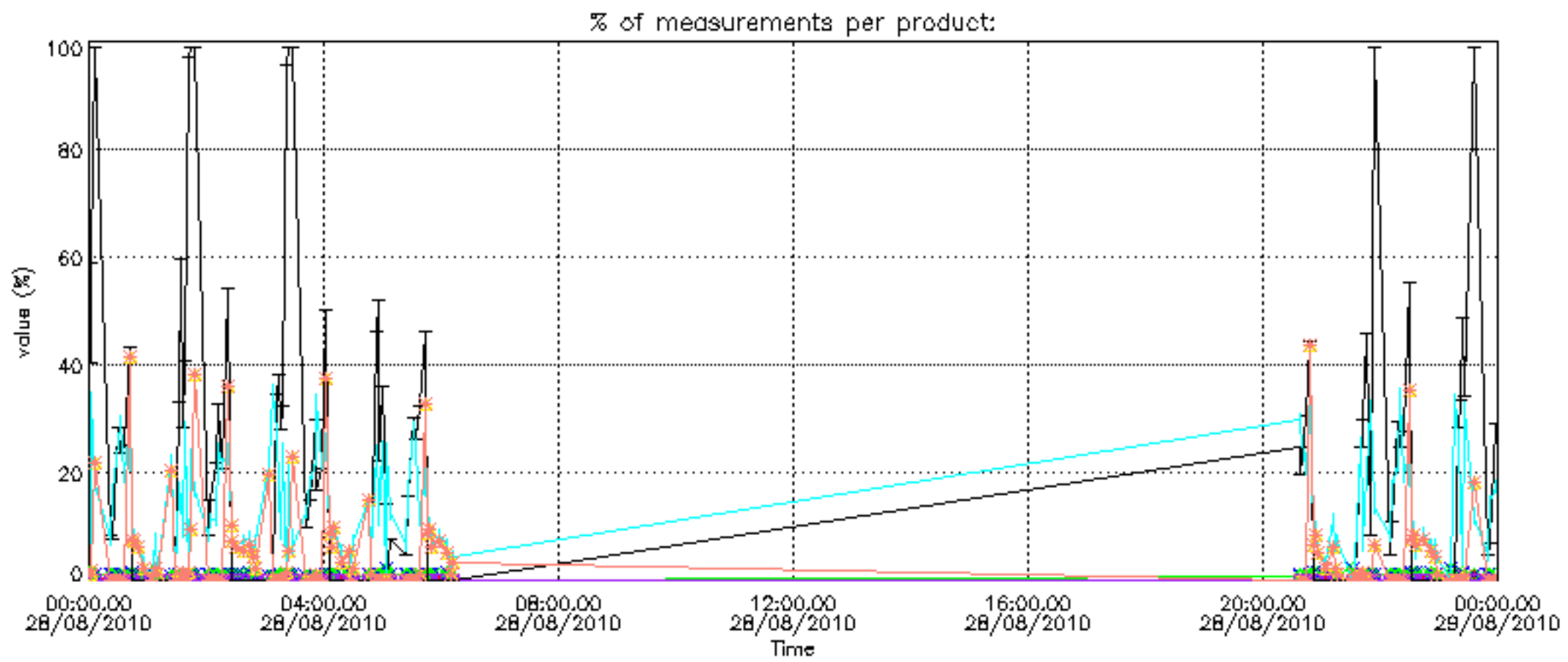




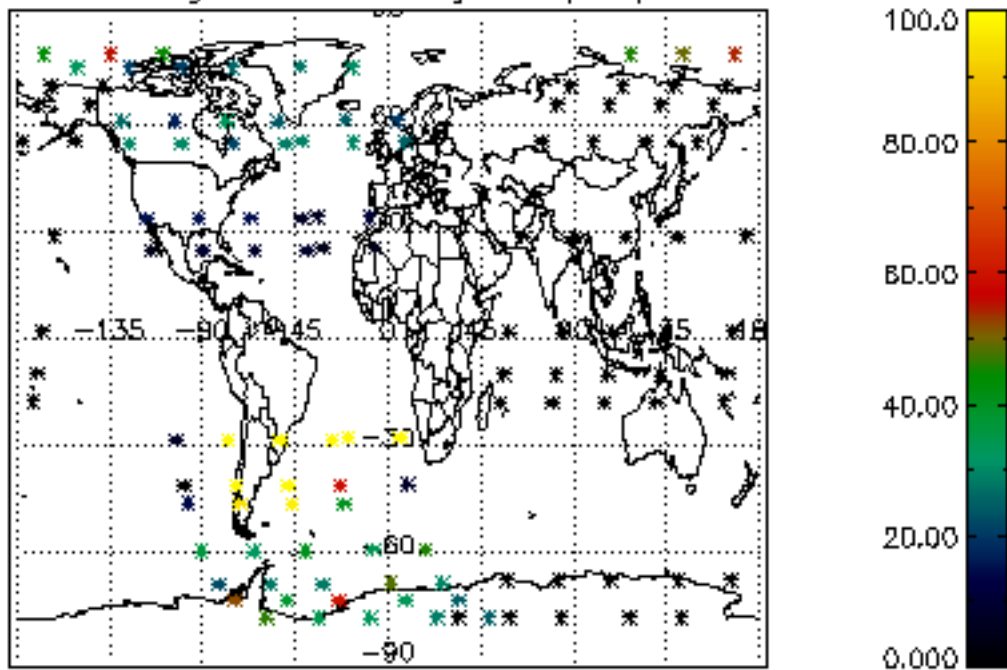




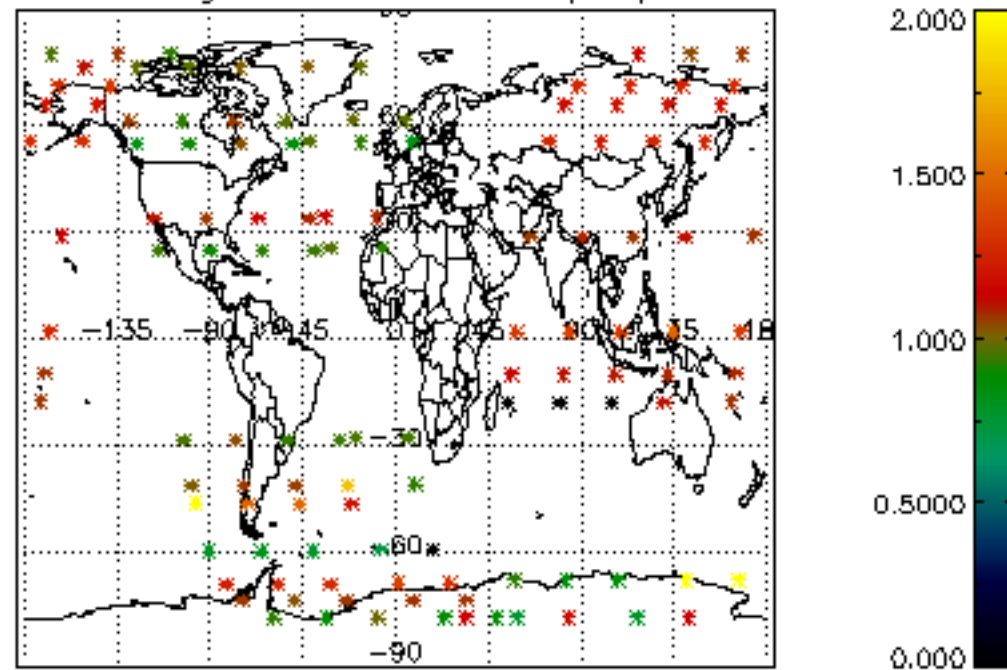




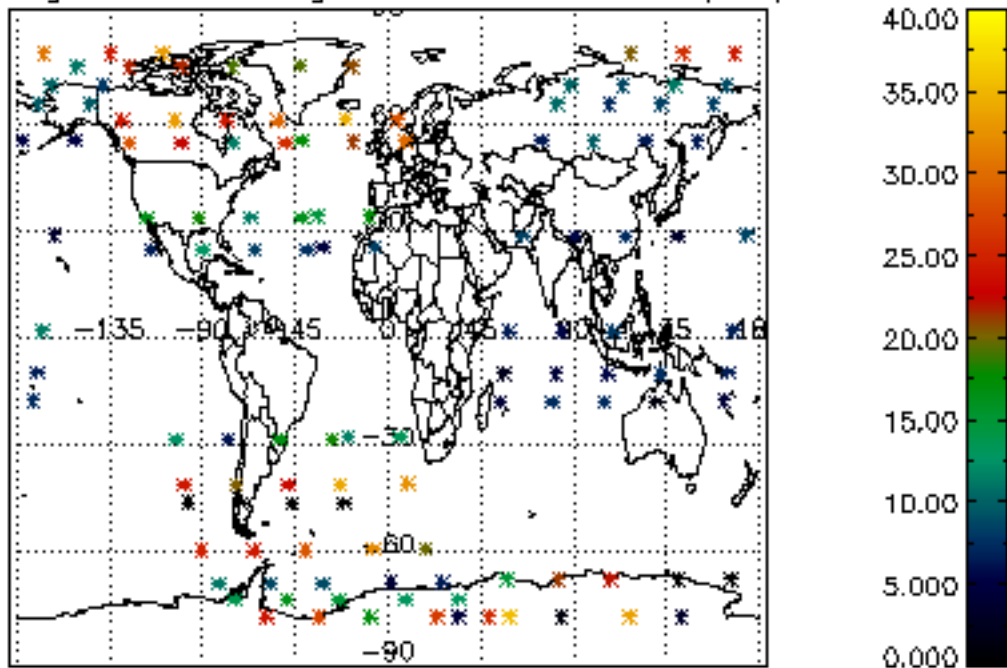
Percentage of cosmic ray hits per profile



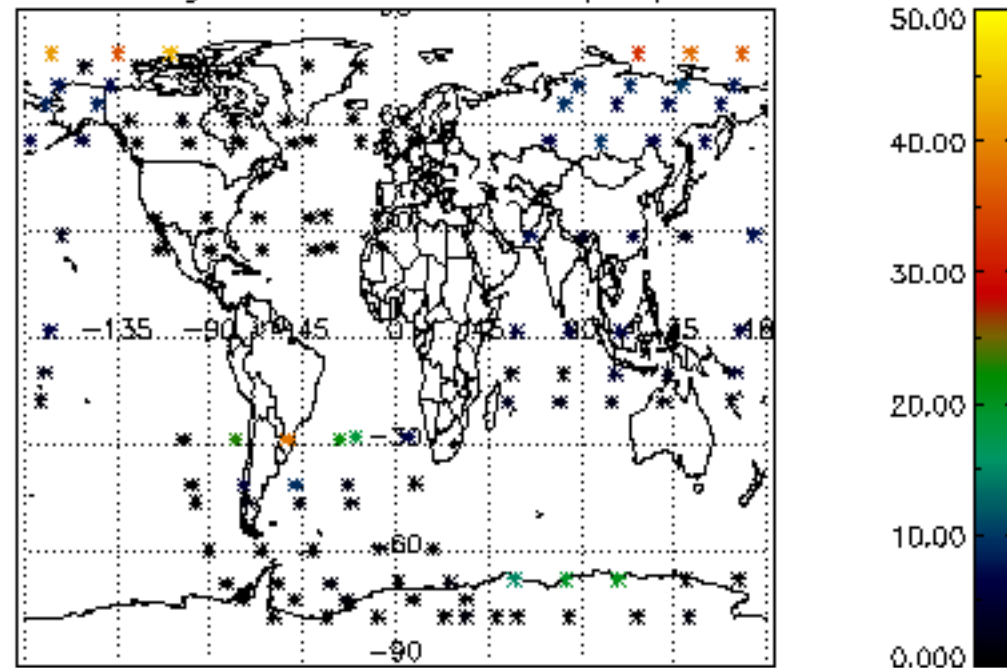
Percentage of datation errors per profile



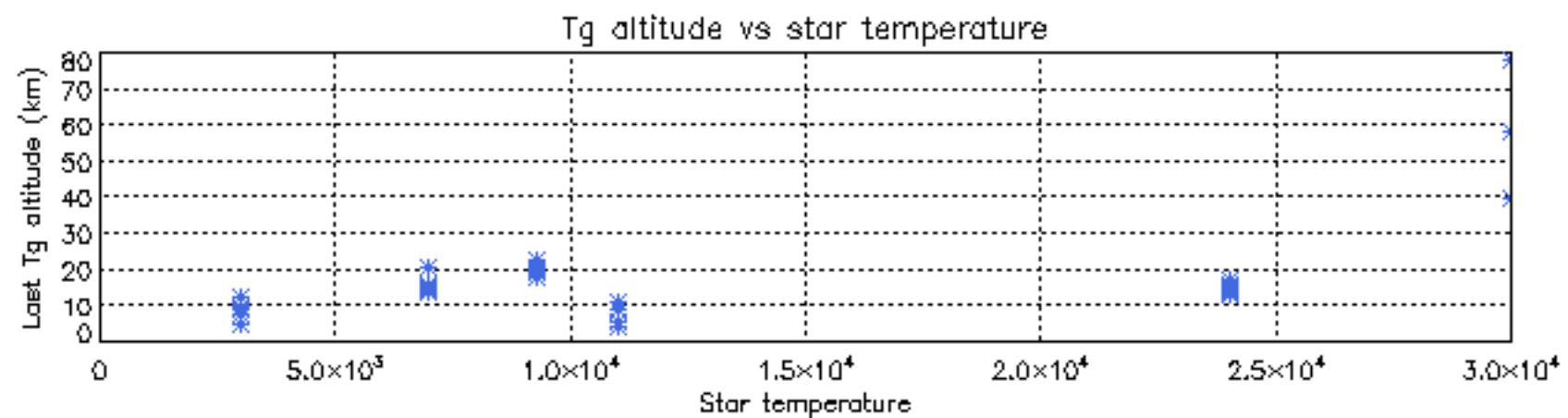
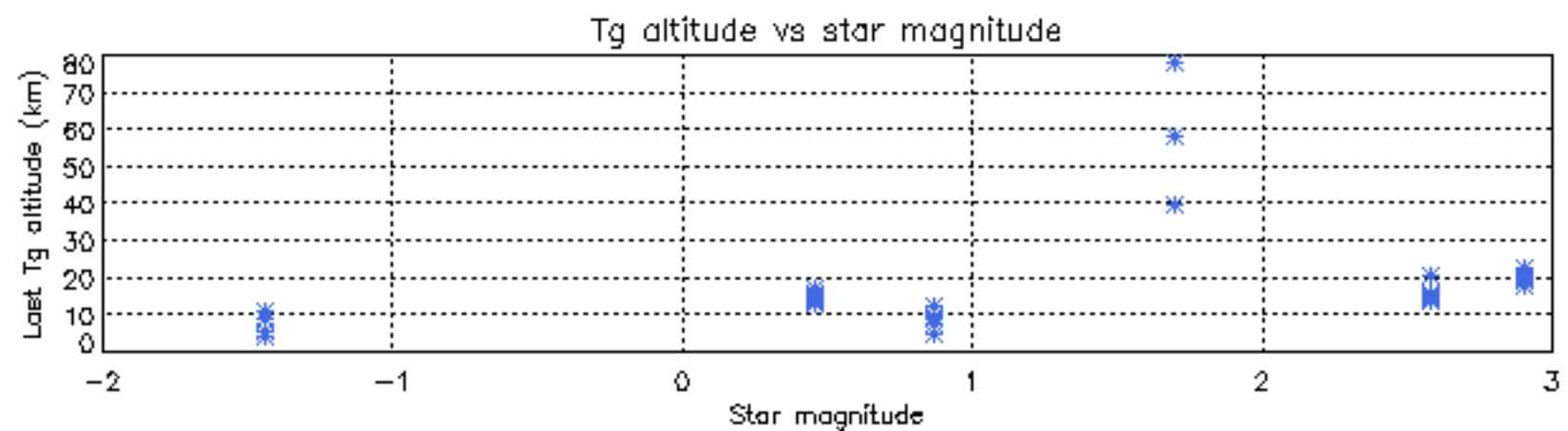
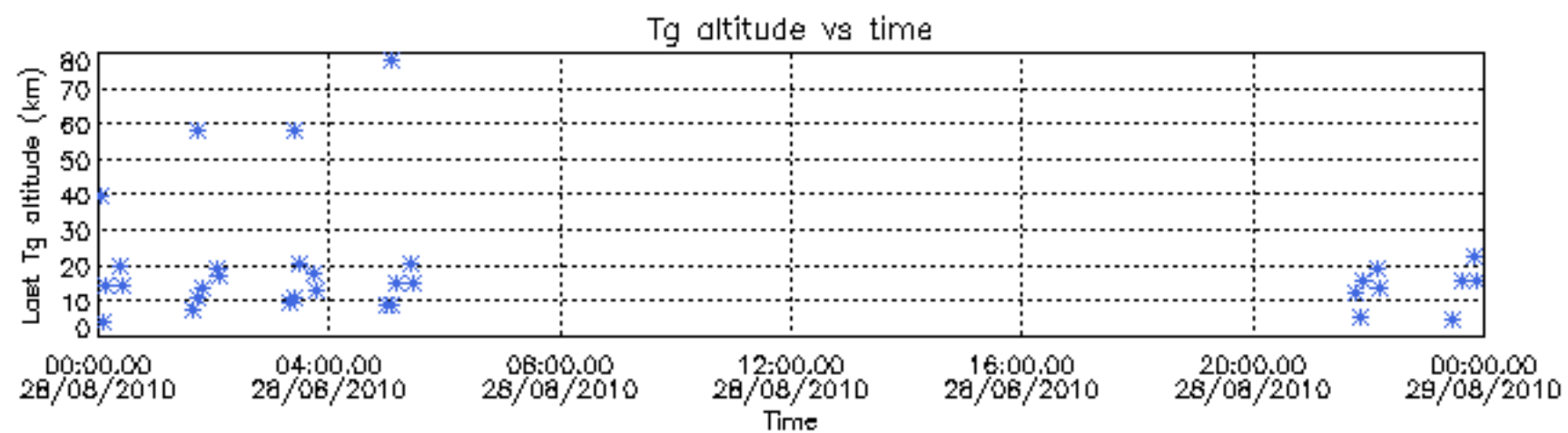
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

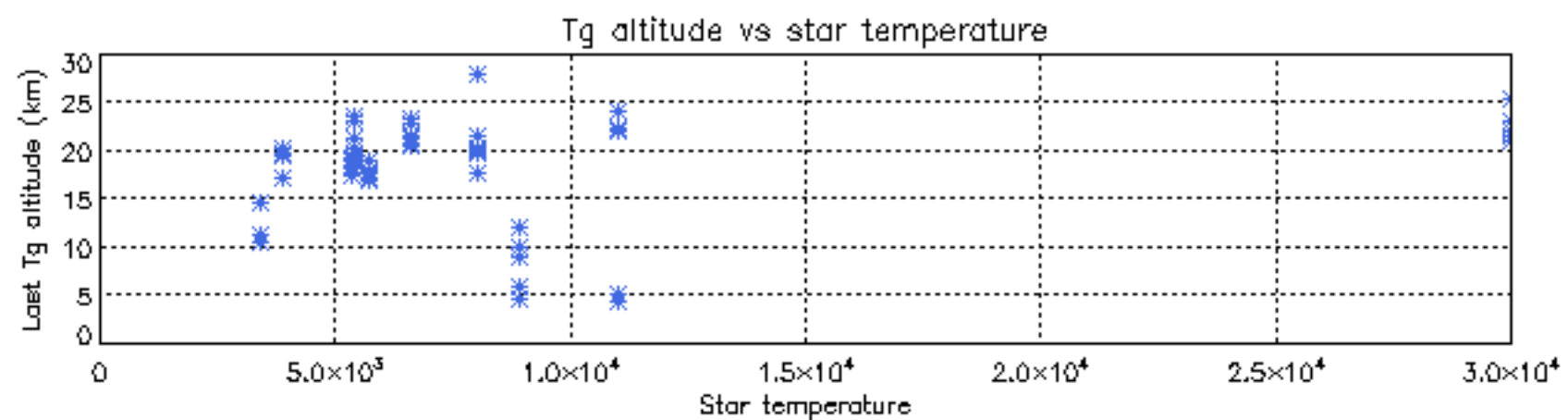
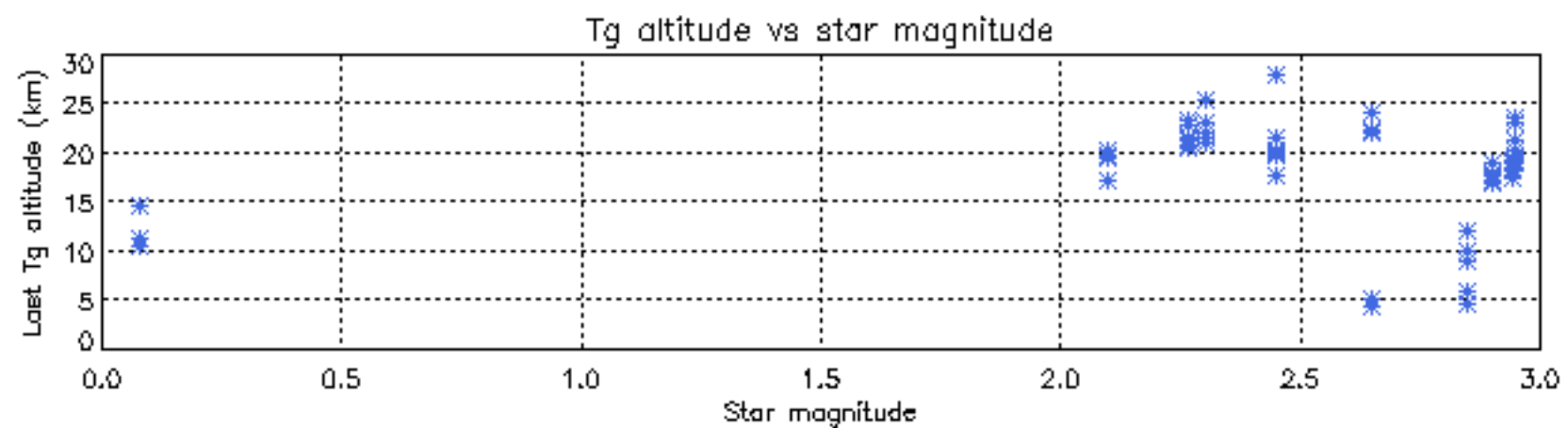
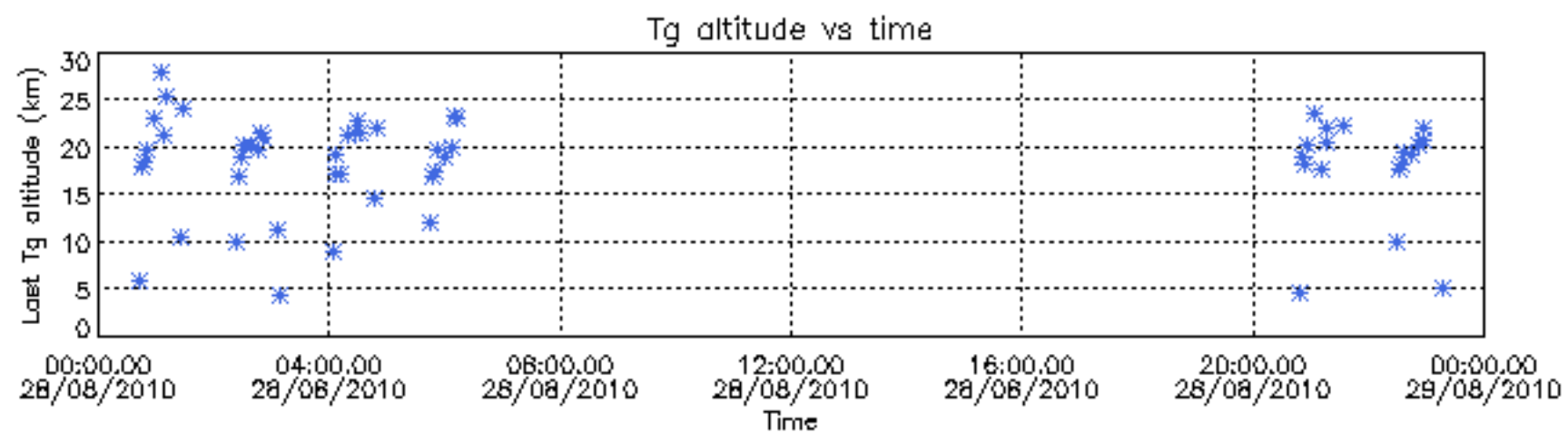


Tangent altitude at which the star is lost

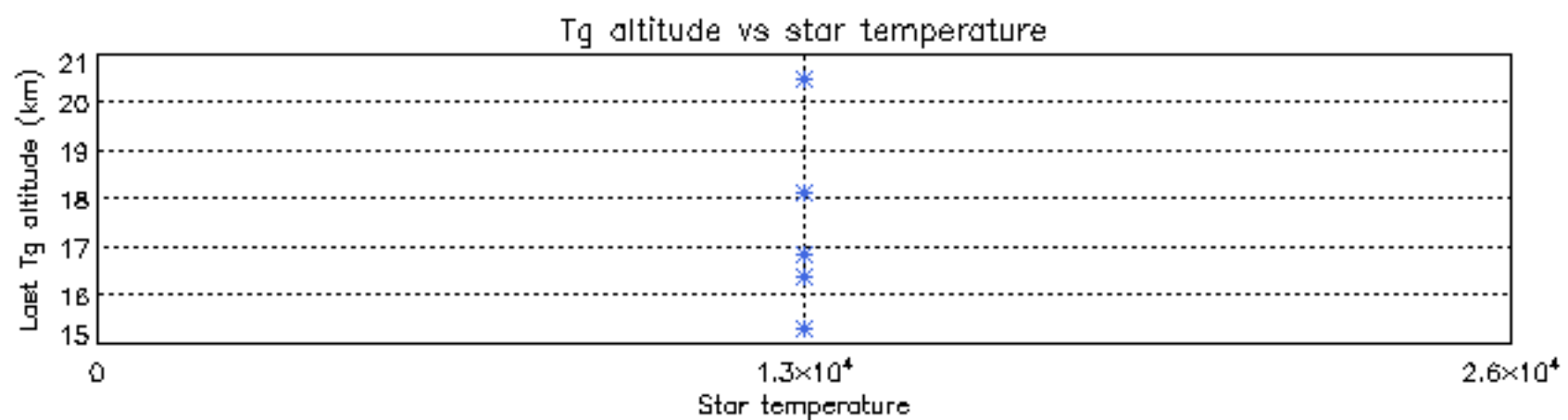
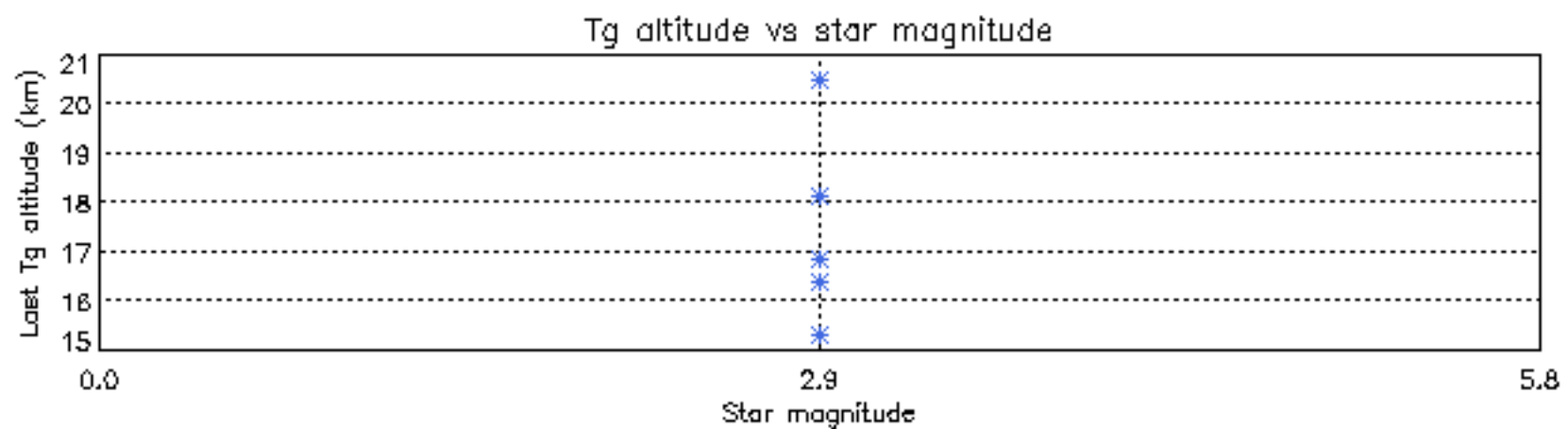
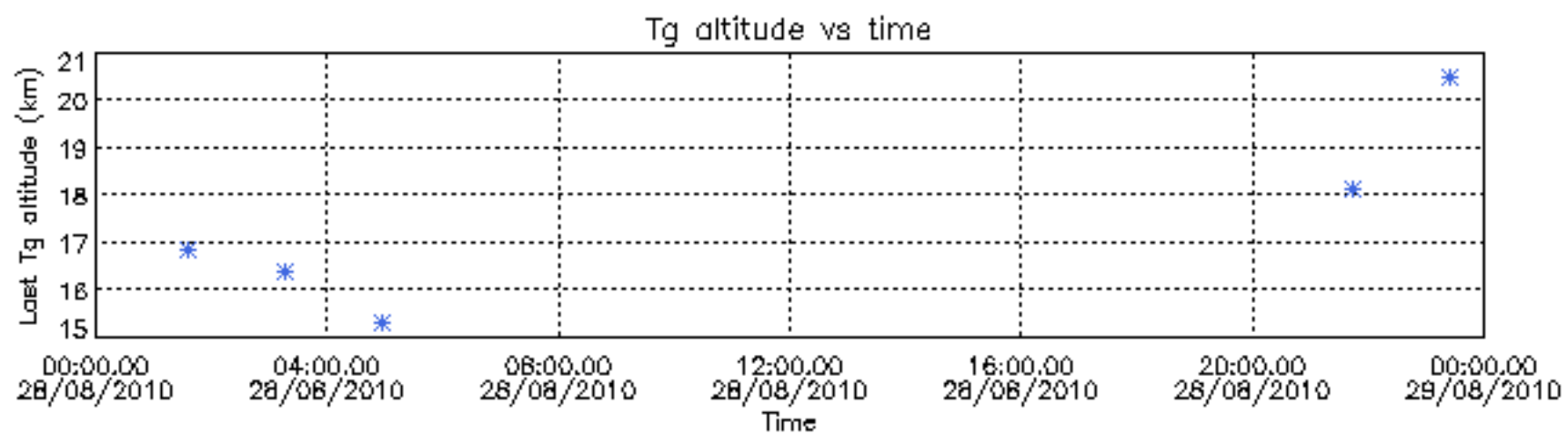


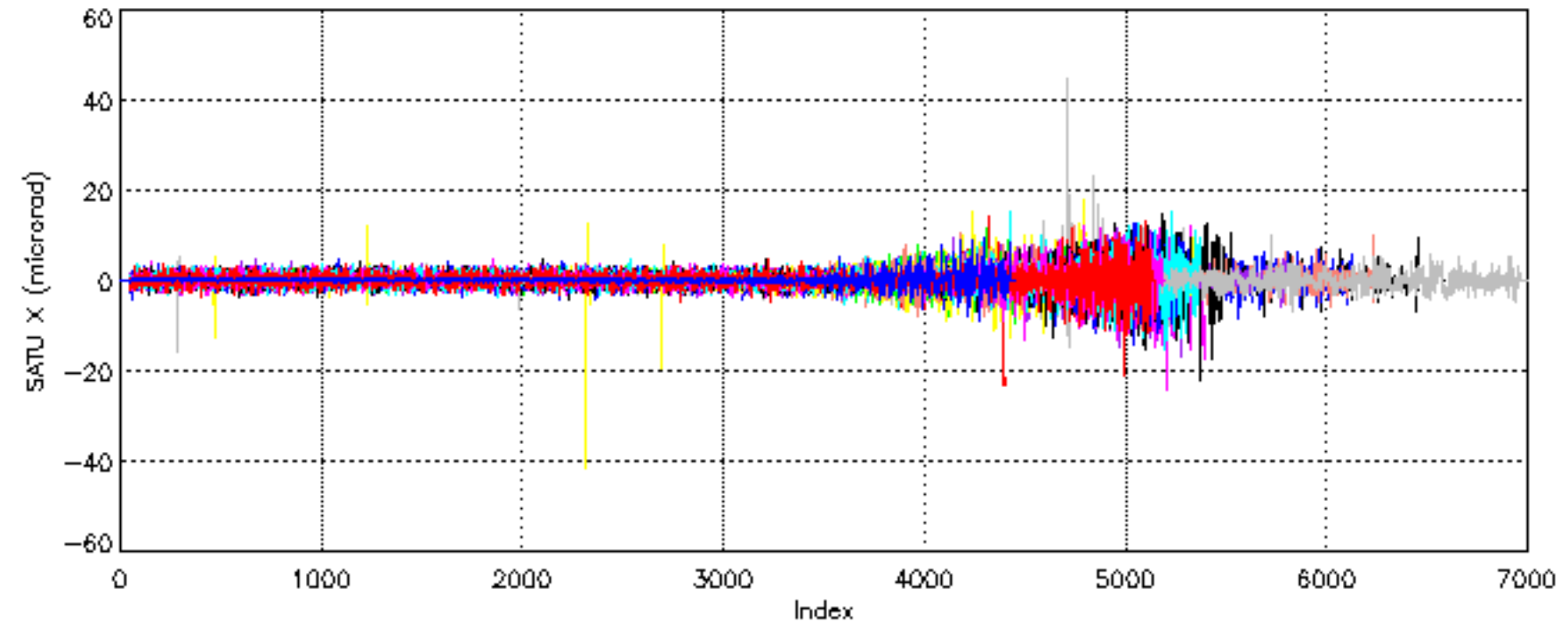


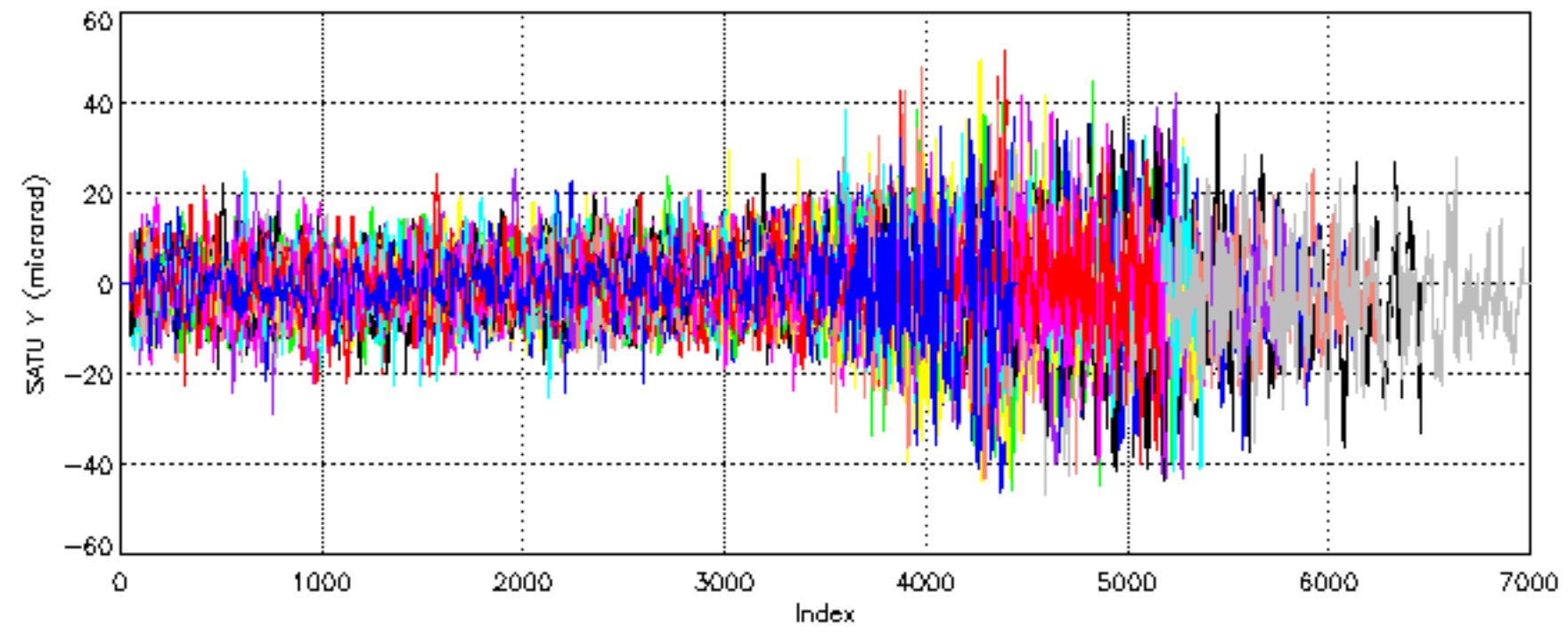
Tangent altitude at which the star is lost



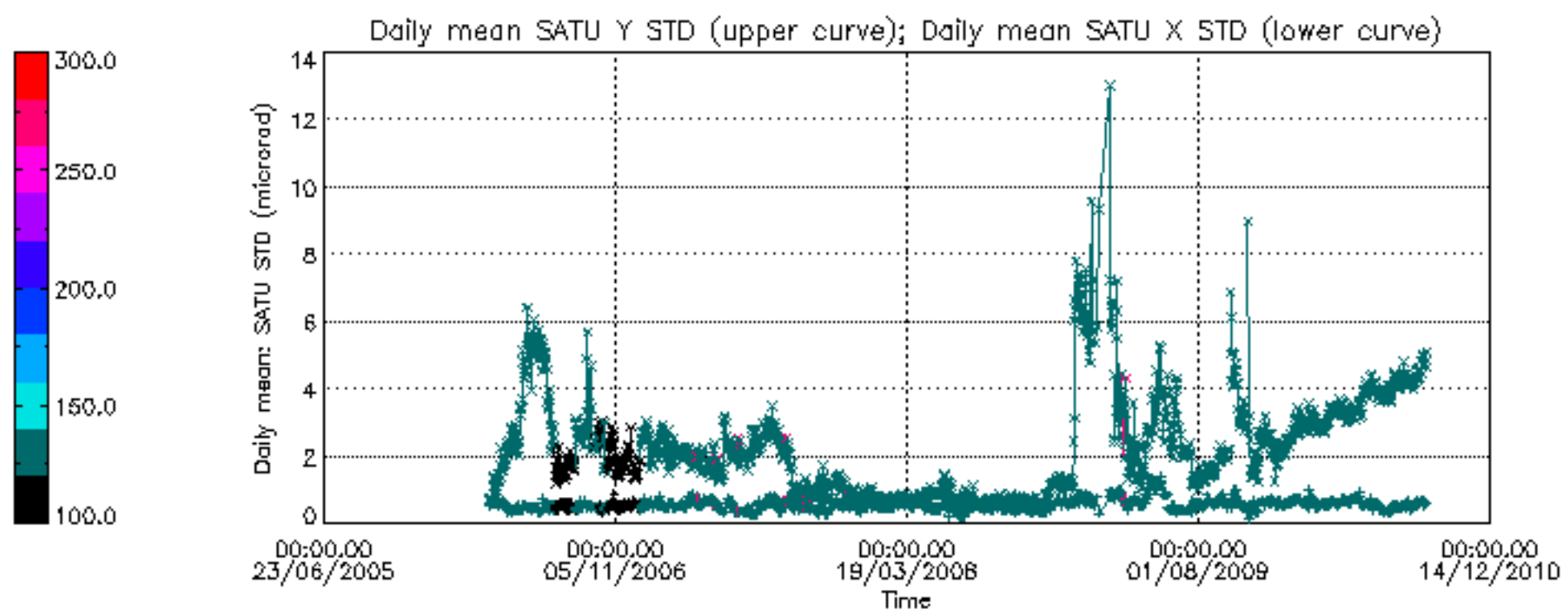
Tangent altitude at which the star is lost











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 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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 13; 4139.3; 01-AUG-2010 02:12:18; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 0;44016  
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 20; 5171.3; 01-AUG-2010 02:29:30; Dark ; 43.5; 7; 19Bet Ori ; 0.10; 14000;occ; 87; 0;44016  
 21; 5444.4; 01-AUG-2010 02:34:03; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;44016  
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 9; 4500.7; 01-AUG-2010 02:18:19; Dark ; 29.0; 150; 44Zet Per ; 2.89; 28000;occ; 58; 0;44016  
 10; 4638.3; 01-AUG-2010 02:20:37; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;44016

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6;-1397.4; 01-AUG-2010 04:01:13; Dark ; 39.0; 176; 23Zet Tau ; 3.02; 22000;occ; 78; 0;44017
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9;-1022.3; 01-AUG-2010 04:07:28; Dark ; 38.0; 72; 34Del Ori ; 2.25; 30000;occ; 76; 0;44017
10; -864.3; 01-AUG-2010 04:10:06; Dark ; 46.0; 7; 19Bet Ori ; 0.10; 14000;occ; 92; 0;44017
11; -590.5; 01-AUG-2010 04:14:40; Dark ; 57.0; 165; 34Gam Eri ; 2.95; 3200;occ; 114; 0;44017
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 7; 3542.5; 06-AUG-2010 16:10:16; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44096
 8; 3621.6; 06-AUG-2010 16:11:35; Bright; 39.0; 110; 37Del Cas ; 2.68; 8900;occ; 78; 0;44096

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9; 3948.4; 06-AUG-2010 16:17:02; Bright; 49.5; 160; 23Gam Per ; 2.93; 4700;occ; 99; 0;44096  
 10; 4054.9; 06-AUG-2010 16:18:48; Bright; 49.0; 35; 33Alp Per ; 1.79; 6250;occ; 98; 0;44096  
 11; 4200.9; 06-AUG-2010 16:21:14; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;44096  
 12; 4311.4; 06-AUG-2010 16:23:05; Bright; 49.5; 149; 45Eps Per ; 2.89; 30000;occ; 99; 0;44096  
 13; 4527.5; 06-AUG-2010 16:26:41; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44096  
 14; 4656.9; 06-AUG-2010 16:28:50; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;44096  
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 16; 4938.2; 06-AUG-2010 16:33:32; Dark ; 47.5; 27; 24Gam Ori ; 1.64; 26000;occ; 95; 0;44096  
 17; 5053.3; 06-AUG-2010 16:35:27; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;44096  
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 19; 5210.8; 06-AUG-2010 16:38:04; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44096  
 20; 5497.1; 06-AUG-2010 16:42:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44096  
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 22; 6396.4; 06-AUG-2010 16:57:50; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44097  
 23; 6709.4; 06-AUG-2010 17:03:03; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44097  
 24; 6993.2; 06-AUG-2010 17:07:47; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;44097  
 25; 7178.4; 06-AUG-2010 17:10:52; Dark ; 42.0; 172; Gam Gru ; 3.00; 13100;occ; 84; 0;44097

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 3; 1810.2; 06-AUG-2010 17:22:00; Bright; 47.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 94; 0;44097  
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 8; 3541.5; 06-AUG-2010 17:50:51; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44097  
 9; 3620.9; 06-AUG-2010 17:52:10; Bright; 39.0; 110; 37Del Cas ; 2.68; 8900;occ; 78; 0;44097  
 10; 3948.0; 06-AUG-2010 17:57:37; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;44097  
 11; 4054.5; 06-AUG-2010 17:59:24; Bright; 49.0; 35; 33Alp Per ; 1.79; 6250;occ; 98; 0;44097  
 12; 4200.4; 06-AUG-2010 18:01:50; Bright; 46.5; 6; 13Alp Aur ; 0.08; 3400;occ; 93; 0;44097  
 13; 4311.1; 06-AUG-2010 18:03:40; Bright; 50.5; 149; 45Eps Per ; 2.89; 30000;occ; 101; 0;44097  
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 17; 4938.8; 06-AUG-2010 18:14:08; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44097  
 18; 5053.9; 06-AUG-2010 18:16:03; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;44097  
 19; 5135.3; 06-AUG-2010 18:17:25; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44097  
 20; 5211.3; 06-AUG-2010 18:18:41; Dark ; 58.0; 7; 19Bet Ori ; 0.10; 14000;occ; 116; 0;44097  
 21; 5497.6; 06-AUG-2010 18:23:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44097  
 22; 6091.4; 06-AUG-2010 18:33:21; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;44098  
 23; 6397.3; 06-AUG-2010 18:38:27; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44098  
 24; 6710.3; 06-AUG-2010 18:43:40; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44098  
 25; 6993.7; 06-AUG-2010 18:48:23; Dark ; 19.5; 31; Alp Gru ; 1.73; 15200;occ; 39; 0;44098

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 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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 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



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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1; -537.3; 06-AUG-2010 21:44:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 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  
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 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  
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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  
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 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  
 20; 4824.8; 07-AUG-2010 00:54:38; Dark ; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;44101  
 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  
 24; 5213.5; 07-AUG-2010 01:01:07; Dark ; 52.0; 7; 19Bet Ori ; 0.10; 14000;occ; 104; 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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24; 6397.9; 06-AUG-2010 20:19:03; Dark ; 53.0; 9; Alp Eri ; 0.45; 24000;occ; 106; 0;44099
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24; 6407.6; 07-AUG-2010 19:47:36; Dark ; 55.0; 9; Alp Eri ; 0.45; 24000;occ; 110; 0;44113
25; 6725.0; 07-AUG-2010 19:52:53; Dark ; 63.5; 84; Alp Phe ; 2.40; 4500;occ; 127; 0;44113
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3; 1578.9; 07-AUG-2010 20:07:43; Bright; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44113
4; 1808.1; 07-AUG-2010 20:11:32; Bright; 51.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 102; 0;44113
5; 2536.8; 07-AUG-2010 20:23:41; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44113
6; 2619.8; 07-AUG-2010 20:25:04; Bright; 44.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 89; 0;44113
7; 2727.6; 07-AUG-2010 20:26:52; Bright; 44.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 88; 0;44113
8; 3054.1; 07-AUG-2010 20:32:18; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44113
9; 3529.6; 07-AUG-2010 20:40:14; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44113
10; 3609.7; 07-AUG-2010 20:41:34; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;44113
11; 3940.8; 07-AUG-2010 20:47:05; Bright; 30.0; 160; 23Gam Per ; 2.93; 4700;occ; 60; 0;44113
12; 4117.0; 07-AUG-2010 20:50:01; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;44113
13; 4356.4; 07-AUG-2010 20:54:01; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44113
14; 4530.2; 07-AUG-2010 20:56:55; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;44113
15; 4660.8; 07-AUG-2010 20:59:05; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44113
16; 4830.7; 07-AUG-2010 21:01:55; Dark ; 70.0; 13; 87Alp Tau ; 0.87; 3800;occ; 140; 0;44113
17; 4945.4; 07-AUG-2010 21:03:50; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44113
18; 5060.4; 07-AUG-2010 21:05:45; Dark ; 15.0; 30; 46Eps Ori ; 1.69; 30000;occ; 30; 0;44113
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5; -529.6; 07-AUG-2010 21:13:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44113
6; 72.3; 07-AUG-2010 21:23:13; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44114
7; 372.1; 07-AUG-2010 21:28:12; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44114
8; 689.9; 07-AUG-2010 21:33:30; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44114
9; 964.7; 07-AUG-2010 21:38:05; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44114
10; 1192.5; 07-AUG-2010 21:41:53; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44114
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12; 1808.0; 07-AUG-2010 21:52:08; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44114
13; 2537.0; 07-AUG-2010 22:04:17; Bright; 43.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 86; 0;44114
14; 2619.6; 07-AUG-2010 22:05:40; Bright; 43.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 87; 0;44114
15; 2727.3; 07-AUG-2010 22:07:28; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44114
16; 3053.4; 07-AUG-2010 22:12:54; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44114
17; 3528.9; 07-AUG-2010 22:20:49; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44114
18; 3608.8; 07-AUG-2010 22:22:09; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;44114
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20; 4116.8; 07-AUG-2010 22:30:37; Bright; 47.0; 175; 39Del Per ; 3.01; 19400;occ; 94; 0;44114
21; 4356.6; 07-AUG-2010 22:34:37; Bright; 35.5; 107; 37The Aur ; 2.65; 11000;occ; 71; 0;44114
22; 4530.7; 07-AUG-2010 22:37:31; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44114
23; 4660.7; 07-AUG-2010 22:39:41; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44114
24; 4831.1; 07-AUG-2010 22:42:31; Dark ; 67.0; 13; 87Alp Tau ; 0.87; 3800;occ; 134; 0;44114
25; 4945.8; 07-AUG-2010 22:44:26; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;44114
26; 5060.7; 07-AUG-2010 22:46:21; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;44114
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  
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19; 4356.4; 08-AUG-2010 00:15:12; Bright; 36.5; 107; 37The Aur ; 2.65; 11000;occ; 73; 0;44115  
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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  
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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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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  
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15; 3607.6; 08-AUG-2010 01:43:20; Bright; 31.0; 110; 37Del Cas ; 2.68; 8900;occ; 62; 0;44116  
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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  
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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  
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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



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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  
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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  
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18; 1194.8; 08-AUG-2010 04:24:19; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44118  
19; 1579.3; 08-AUG-2010 04:30:43; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44118  
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22; 2619.0; 08-AUG-2010 04:48:03; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44118  
23; 2726.1; 08-AUG-2010 04:49:50; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44118  
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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13; 77.8; 08-AUG-2010 05:46:18; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44119  
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 13; 4361.7; 11-AUG-2010 22:08:50; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44171  
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12; 125.8; 11-AUG-2010 07:33:27; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44163
13; 406.3; 11-AUG-2010 07:38:07; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44163
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4; 2608.9; 11-AUG-2010 08:14:50; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44163
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12; 4673.9; 11-AUG-2010 08:49:15; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44163
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22; 6773.4; 11-AUG-2010 09:24:14; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;44164
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9; 4198.2; 11-AUG-2010 10:21:55; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;44164
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12; 4673.9; 11-AUG-2010 10:29:51; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44164
13; 4858.1; 11-AUG-2010 10:32:55; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44164
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24; 7255.4; 11-AUG-2010 11:12:52; Dark ; 61.0; 18; 24Alp PsA ; 1.17; 9700;occ; 122; 0;44165
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 9; 3490.1; 11-AUG-2010 15:11:55; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44167  
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 13; 4675.0; 11-AUG-2010 15:31:39; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;44167  
 14; 4859.9; 11-AUG-2010 15:34:44; Dark ; 50.0; 13; 87Alp Tau ; 0.87; 3800;occ; 100; 0;44167  
 15; 4970.3; 11-AUG-2010 15:36:35; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;44167

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

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 5; 2518.9; 11-AUG-2010 16:36:19; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44168  
 6; 2607.7; 11-AUG-2010 16:37:48; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44168  
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 10; 3489.3; 11-AUG-2010 16:52:30; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;44168  
 11; 4198.2; 11-AUG-2010 17:04:19; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;44168  
 12; 4361.6; 11-AUG-2010 17:07:02; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;44168  
 13; 4540.0; 11-AUG-2010 17:10:00; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;44168  
 14; 4675.3; 11-AUG-2010 17:12:16; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;44168  
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 16; 4970.7; 11-AUG-2010 17:17:11; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;44168  
 17; 5086.5; 11-AUG-2010 17:19:07; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;44168  
 18; 5169.6; 11-AUG-2010 17:20:30; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44168  
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 21; 5539.4; 11-AUG-2010 17:26:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44168  
 22; 6168.9; 11-AUG-2010 17:37:09; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44169  
 23; 6446.6; 11-AUG-2010 17:41:47; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44169  
 24; 6778.3; 11-AUG-2010 17:47:19; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;44169  
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 4; 1803.0; 11-AUG-2010 18:04:59; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44169  
 5; 2138.8; 11-AUG-2010 18:10:35; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;44169  
 6; 2518.5; 11-AUG-2010 18:16:55; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44169  
 7; 2607.4; 11-AUG-2010 18:18:24; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44169  
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 10; 3358.0; 11-AUG-2010 18:30:54; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44169  
 11; 3488.6; 11-AUG-2010 18:33:05; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44169  
 12; 4197.8; 11-AUG-2010 18:44:54; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44169  
 13; 4361.4; 11-AUG-2010 18:47:38; Bright; 49.5; 107; 37The Aur ; 2.65; 11000;occ; 99; 0;44169  
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 15; 4675.5; 11-AUG-2010 18:52:52; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;44169  
 16; 4861.1; 11-AUG-2010 18:55:58; Dark ; 42.0; 13; 87Alp Tau ; 0.87; 3800;occ; 84; 0;44169  
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 18; 5086.8; 11-AUG-2010 18:59:43; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;44169  
 19; 5170.0; 11-AUG-2010 19:01:06; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44169  
 20; 5254.6; 11-AUG-2010 19:02:31; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;44169  
 21; 5373.6; 11-AUG-2010 19:04:30; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44169  
 22; 5540.0; 11-AUG-2010 19:07:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44169  
 23; 6169.9; 11-AUG-2010 19:17:46; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44170  
 24; 6447.3; 11-AUG-2010 19:22:24; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44170  
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 4; 1803.0; 11-AUG-2010 19:45:35; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44170  
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11; 3487.7; 11-AUG-2010 20:13:40; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44170
12; 4197.7; 11-AUG-2010 20:25:30; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44170
13; 4361.9; 11-AUG-2010 20:28:14; Bright; 56.0; 107; 37The Aur ; 2.65; 11000;occ; 112; 0;44170
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21; 5374.2; 11-AUG-2010 20:45:07; Dark ; 45.5; 101; 11Alp Lep ; 2.58; 7000;occ; 91; 0;44170
22; 5540.6; 11-AUG-2010 20:47:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44170
23; 6170.9; 11-AUG-2010 20:58:23; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44171
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25; 6779.8; 11-AUG-2010 21:08:32; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44171
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3; 137.1; 12-AUG-2010 00:19:37; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44173
4; 413.2; 12-AUG-2010 00:24:13; Dark ; 49.0; 9; Alp Eri ; 0.45; 24000;occ; 98; 0;44173
5; 745.6; 12-AUG-2010 00:29:46; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;44173
6; 990.2; 12-AUG-2010 00:33:50; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;44173
7; 1223.2; 12-AUG-2010 00:37:43; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44173
8; 1584.8; 12-AUG-2010 00:43:45; Bright; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44173
9; 1802.5; 12-AUG-2010 00:47:23; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44173
10; 2136.9; 12-AUG-2010 00:52:57; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;44173
11; 2517.5; 12-AUG-2010 00:59:18; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44173
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15; 3354.4; 12-AUG-2010 01:13:14; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;44173
16; 3485.5; 12-AUG-2010 01:15:26; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44173
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21; 4906.9; 12-AUG-2010 01:39:07; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;44173
22; 5088.9; 12-AUG-2010 01:42:09; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;44173
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5; 138.4; 12-AUG-2010 02:00:14; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44174
6; 413.9; 12-AUG-2010 02:04:50; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44174
7; 746.3; 12-AUG-2010 02:10:22; Dark ; 61.0; 84; Alp Phe ; 2.40; 4500;occ; 122; 0;44174
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11; 1802.4; 12-AUG-2010 02:27:58; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44174
12; 2136.1; 12-AUG-2010 02:33:32; Bright; 49.5; 61; 8Eps Peg ; 2.10; 3900;occ; 99; 0;44174
13; 2517.1; 12-AUG-2010 02:39:53; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44174
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15; 2708.7; 12-AUG-2010 02:43:05; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44174
16; 3033.6; 12-AUG-2010 02:48:30; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;44174
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6; 187.8; 15-AUG-2010 02:06:49; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44217
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 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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 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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 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  
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 15; 5293.5; 15-AUG-2010 13:35:30; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;44223  
 16; 5406.7; 15-AUG-2010 13:37:23; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44223  
 17; 5576.5; 15-AUG-2010 13:40:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44223  
 18; 6232.5; 15-AUG-2010 13:51:09; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44224  
 19; 6484.6; 15-AUG-2010 13:55:21; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44224  
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 21; 7046.4; 15-AUG-2010 14:04:43; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44224  
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 3; 1925.6; 15-AUG-2010 14:19:58; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;44224  
 4; 2117.6; 15-AUG-2010 14:23:10; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44224  
 5; 2504.7; 15-AUG-2010 14:29:37; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44224  
 6; 2599.2; 15-AUG-2010 14:31:12; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44224  
 7; 2697.3; 15-AUG-2010 14:32:50; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44224  
 8; 3019.2; 15-AUG-2010 14:38:12; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44224  
 9; 4194.4; 15-AUG-2010 14:57:47; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;44224  
 10; 4366.0; 15-AUG-2010 15:00:38; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;44224  
 11; 4550.8; 15-AUG-2010 15:03:43; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;44224  
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 19; 6233.3; 15-AUG-2010 15:31:46; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44225  
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 21; 6827.6; 15-AUG-2010 15:41:40; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44225  
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 3; 1924.9; 15-AUG-2010 16:00:33; Bright; 48.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 97; 0;44225  
 4; 2117.2; 15-AUG-2010 16:03:46; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;44225  
 5; 2504.9; 15-AUG-2010 16:10:13; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44225  
 6; 2599.1; 15-AUG-2010 16:11:47; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;44225  
 7; 2697.0; 15-AUG-2010 16:13:25; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44225  
 8; 3018.9; 15-AUG-2010 16:18:47; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44225  
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 11; 4551.2; 15-AUG-2010 16:44:20; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;44225  
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 4; 1800.2; 15-AUG-2010 17:39:05; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;44226  
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4; 1799.9; 15-AUG-2010 19:19:40; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;44227
5; 1924.5; 15-AUG-2010 19:21:45; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;44227
6; 2116.3; 15-AUG-2010 19:24:57; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;44227
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11; 4194.0; 15-AUG-2010 19:59:34; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44227
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12; 2102.9; 18-AUG-2010 22:51:40; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;44272
13; 2496.3; 18-AUG-2010 22:58:13; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44272
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17; 3277.2; 18-AUG-2010 23:11:14; Bright; 31.0; 74; 11Bet Cas ; 2.27; 6600;occ; 62; 0;44272
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23; 5147.0; 18-AUG-2010 23:42:24; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;44272
24; 5233.0; 18-AUG-2010 23:43:50; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;44272
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 4; 2497.7; 18-AUG-2010 07:52:51; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;44263
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13; 5141.7; 18-AUG-2010 10:17:31; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;44264
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22; 6309.5; 20-AUG-2010 02:51:21; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44289
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27; 7633.4; 20-AUG-2010 03:13:25; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;44289
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15; 6529.2; 20-AUG-2010 04:35:37; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44290
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21; 2493.5; 20-AUG-2010 06:49:33; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44291  
22; 2593.3; 20-AUG-2010 06:51:13; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44291  
23; 2685.6; 20-AUG-2010 06:52:45; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44291  
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4; 1599.0; 20-AUG-2010 19:59:26; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44299  
5; 1798.8; 20-AUG-2010 20:02:46; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44299  
6; 1909.7; 20-AUG-2010 20:04:37; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44299  
7; 2096.5; 20-AUG-2010 20:07:44; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44299  
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9; 2684.6; 20-AUG-2010 20:17:32; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44299  
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2; 1276.5; 20-AUG-2010 18:13:28; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44298
3; 1598.6; 20-AUG-2010 18:18:50; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;44298
4; 1799.2; 20-AUG-2010 18:22:10; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44298
5; 1909.8; 20-AUG-2010 18:24:01; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44298
6; 2096.4; 20-AUG-2010 18:27:08; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;44298

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

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3; -572.6; 21-AUG-2010 00:25:02; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;44301  
4; -398.4; 21-AUG-2010 00:27:56; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44301  
5; 289.4; 21-AUG-2010 00:39:24; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44302  
6; 501.2; 21-AUG-2010 00:42:56; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44302  
7; 853.7; 21-AUG-2010 00:48:48; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;44302  
8; 993.2; 21-AUG-2010 00:51:08; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;44302  
9; 1278.0; 21-AUG-2010 00:55:53; Dark ; 60.5; 18; 24Alp PsA ; 1.17; 9700;occ; 121; 0;44302  
10; 1599.0; 21-AUG-2010 01:01:14; Bright; 40.0; 142; 49Del Cap ; 2.85; 8900;occ; 80; 0;44302  
11; 1799.2; 21-AUG-2010 01:04:34; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44302  
12; 1909.0; 21-AUG-2010 01:06:24; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44302  
13; 2095.8; 21-AUG-2010 01:09:31; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44302  
14; 2491.8; 21-AUG-2010 01:16:07; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44302  
15; 2684.1; 21-AUG-2010 01:19:19; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;44302  
16; 2999.6; 21-AUG-2010 01:24:34; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44302  
17; 3254.5; 21-AUG-2010 01:28:49; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;44302  
18; 4186.0; 21-AUG-2010 01:44:21; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;44302  
19; 4371.4; 21-AUG-2010 01:47:26; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44302  
20; 4566.5; 21-AUG-2010 01:50:41; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;44302  
21; 4738.8; 21-AUG-2010 01:53:34; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44302  
22; 4963.4; 21-AUG-2010 01:57:18; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;44302  
23; 5050.3; 21-AUG-2010 01:58:45; Dark ; 51.0; 27; 24Gam Ori ; 1.64; 26000;occ; 102; 0;44302  
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3; -674.5; 21-AUG-2010 02:03:56; Dark ; 57.5; 7; 19Bet Ori ; 0.10; 14000;occ; 115; 0;44302  
4; -572.0; 21-AUG-2010 02:05:39; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;44302  
5; -397.6; 21-AUG-2010 02:08:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44302  
6; 290.8; 21-AUG-2010 02:20:01; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44303  
7; 501.9; 21-AUG-2010 02:23:33; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44303  
8; 854.5; 21-AUG-2010 02:29:25; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;44303  
9; 993.8; 21-AUG-2010 02:31:44; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44303  
10; 1278.4; 21-AUG-2010 02:36:29; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44303  
11; 1598.9; 21-AUG-2010 02:41:50; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44303  
12; 1798.9; 21-AUG-2010 02:45:10; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44303  
13; 1909.0; 21-AUG-2010 02:47:00; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44303  
14; 2095.6; 21-AUG-2010 02:50:06; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44303  
15; 2491.8; 21-AUG-2010 02:56:42; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;44303  
16; 2684.3; 21-AUG-2010 02:59:55; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44303  
17; 2999.6; 21-AUG-2010 03:05:10; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;44303  
18; 3253.7; 21-AUG-2010 03:09:24; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44303

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

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7; -867.5; 21-AUG-2010 03:41:19; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;44303
8; -779.6; 21-AUG-2010 03:42:47; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44303
9; -673.5; 21-AUG-2010 03:44:33; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;44303
10; -571.3; 21-AUG-2010 03:46:15; Dark ; 49.5; 101; 11Alp Lep ; 2.58; 7000;occ; 99; 0;44303
11; -396.7; 21-AUG-2010 03:49:10; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44303
12; 291.8; 21-AUG-2010 04:00:38; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44304
13; 502.8; 21-AUG-2010 04:04:09; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44304
14; 855.5; 21-AUG-2010 04:10:02; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44304
15; 994.2; 21-AUG-2010 04:12:21; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;44304
16; 1279.1; 21-AUG-2010 04:17:06; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44304
17; 1599.3; 21-AUG-2010 04:22:26; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44304
18; 1799.1; 21-AUG-2010 04:25:46; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44304
19; 1908.8; 21-AUG-2010 04:27:35; Bright; 48.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 96; 0;44304
20; 2095.4; 21-AUG-2010 04:30:42; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44304
21; 2491.9; 21-AUG-2010 04:37:18; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44304
22; 2684.0; 21-AUG-2010 04:40:31; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;44304
23; 2999.5; 21-AUG-2010 04:45:46; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;44304
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3; -1468.8; 21-AUG-2010 05:11:54; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;44304
4; -1296.5; 21-AUG-2010 05:14:46; Dark ; 39.0; 44; 24Gam Gem ; 1.93; 11000;occ; 78; 0;44304
5; -1071.3; 21-AUG-2010 05:18:31; Dark ; 44.0; 14; 58Alp Ori ; 0.87; 3000;occ; 88; 0;44304
6; -983.8; 21-AUG-2010 05:19:59; Dark ; 57.5; 27; 24Gam Ori ; 1.64; 26000;occ; 115; 0;44304
7; -866.6; 21-AUG-2010 05:21:56; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;44304
8; -778.8; 21-AUG-2010 05:23:24; Dark ; 49.5; 125; 44Iot Ori ; 2.77; 30000;occ; 99; 0;44304
9; -672.3; 21-AUG-2010 05:25:10; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;44304
10; -570.4; 21-AUG-2010 05:26:52; Dark ; 51.0; 101; 11Alp Lep ; 2.58; 7000;occ; 102; 0;44304
11; -395.8; 21-AUG-2010 05:29:47; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44304
12; 292.8; 21-AUG-2010 05:41:15; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44305
13; 503.2; 21-AUG-2010 05:44:46; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44305
14; 856.1; 21-AUG-2010 05:50:39; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44305
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16; 1279.4; 21-AUG-2010 05:57:42; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44305
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19; 1908.7; 21-AUG-2010 06:08:11; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44305
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21; 2491.7; 21-AUG-2010 06:17:54; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44305
22; 2684.0; 21-AUG-2010 06:21:07; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;44305
23; 2999.2; 21-AUG-2010 06:26:22; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44305
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3; 1600.2; 21-AUG-2010 21:08:26; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;44314
4; 1799.2; 21-AUG-2010 21:11:45; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44314
5; 1907.3; 21-AUG-2010 21:13:33; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44314
6; 2092.9; 21-AUG-2010 21:16:39; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;44314
7; 2490.7; 21-AUG-2010 21:23:17; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44314
8; 2682.9; 21-AUG-2010 21:26:29; Bright; 34.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 69; 0;44314
9; 2997.6; 21-AUG-2010 21:31:44; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44314
10; 3245.3; 21-AUG-2010 21:35:51; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44314
11; 4184.3; 21-AUG-2010 21:51:30; Bright; 55.5; 6; 13Alp Aur ; 0.08; 3400;occ; 111; 0;44314
12; 4371.8; 21-AUG-2010 21:54:38; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44314
13; 4644.4; 21-AUG-2010 21:59:10; Dark ; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;44314
14; 4742.4; 21-AUG-2010 22:00:48; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;44314
15; 4969.8; 21-AUG-2010 22:04:36; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;44314
16; 5059.3; 21-AUG-2010 22:06:05; Dark ; 56.5; 27; 24Gam Ori ; 1.64; 26000;occ; 113; 0;44314
17; 5176.5; 21-AUG-2010 22:08:03; Dark ; 55.0; 30; 46Eps Ori ; 1.69; 30000;occ; 110; 0;44314
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8; 998.3; 21-AUG-2010 22:39:00; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;44315
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13; 2093.0; 21-AUG-2010 22:57:15; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44315
14; 2490.5; 21-AUG-2010 23:03:52; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44315
15; 2682.5; 21-AUG-2010 23:07:04; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;44315
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5; 2683.7; 21-AUG-2010 11:22:54; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44308
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 9; 3248.3; 21-AUG-2010 16:34:06; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44311
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12; 4643.7; 21-AUG-2010 16:57:22; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44311
13; 4741.5; 21-AUG-2010 16:59:00; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44311

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 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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 23; 6545.2; 21-AUG-2010 20:50:15; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44314  
 24; 6898.4; 21-AUG-2010 20:56:09; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44314  
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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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 7; 3240.6; 22-AUG-2010 09:19:58; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44321  
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15; 6557.7; 23-AUG-2010 04:41:50; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44333
16; 6913.1; 23-AUG-2010 04:47:46; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44333

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18; 7325.1; 23-AUG-2010 04:54:38; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;44333
19; 7638.9; 23-AUG-2010 04:59:51; Dark ; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;44333
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21; 7940.9; 23-AUG-2010 05:04:53; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44333
22; 8125.5; 23-AUG-2010 05:07:58; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44333
23; 8525.0; 23-AUG-2010 05:14:37; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44333
24; 8716.9; 23-AUG-2010 05:17:49; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44333
25; 9029.8; 23-AUG-2010 05:23:02; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44333
26; 9267.8; 23-AUG-2010 05:27:00; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44333
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 3; -1462.6; 23-AUG-2010 05:49:22; Dark ; 56.5; 28; 12Bet Tau ; 1.65; 15200;occ; 113; 0;44333
 4; -1288.1; 23-AUG-2010 05:52:16; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 0;44333
 5; -1055.9; 23-AUG-2010 05:56:09; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44333
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 7; -844.4; 23-AUG-2010 05:59:40; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44333
 8; -755.5; 23-AUG-2010 06:01:09; Dark ; 49.5; 125; 44Iot Ori ; 2.77; 30000;occ; 99; 0;44333
 9; -643.2; 23-AUG-2010 06:03:01; Dark ; 73.5; 7; 19Bet Ori ; 0.10; 14000;occ; 147; 0;44333
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11; -370.4; 23-AUG-2010 06:07:34; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44333
12; 329.0; 23-AUG-2010 06:19:13; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44334
13; 522.1; 23-AUG-2010 06:22:27; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44334
14; 877.6; 23-AUG-2010 06:28:22; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44334
15; 1005.8; 23-AUG-2010 06:30:30; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;44334
16; 1289.4; 23-AUG-2010 06:35:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44334
17; 1602.9; 23-AUG-2010 06:40:27; Dark ; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;44334
18; 1800.1; 23-AUG-2010 06:43:45; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44334
19; 1904.5; 23-AUG-2010 06:45:29; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;44334
20; 2089.7; 23-AUG-2010 06:48:34; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44334
21; 2488.5; 23-AUG-2010 06:55:13; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44334
22; 2680.9; 23-AUG-2010 06:58:25; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44334
23; 2993.4; 23-AUG-2010 07:03:38; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44334
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 3; -1462.2; 23-AUG-2010 07:29:58; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44334
 4; -1287.6; 23-AUG-2010 07:32:53; Dark ; 42.5; 44; 24Gam Gem ; 1.93; 11000;occ; 85; 0;44334
 5; -1055.0; 23-AUG-2010 07:36:45; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;44334
 6; -961.2; 23-AUG-2010 07:38:19; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44334
 7; -843.6; 23-AUG-2010 07:40:17; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44334
 8; -754.4; 23-AUG-2010 07:41:46; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;44334
 9; -642.1; 23-AUG-2010 07:43:38; Dark ; 75.0; 7; 19Bet Ori ; 0.10; 14000;occ; 150; 0;44334
10; -485.4; 23-AUG-2010 07:46:15; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;44334
11; -369.5; 23-AUG-2010 07:48:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44334
12; 329.9; 23-AUG-2010 07:59:50; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44335
13; 523.1; 23-AUG-2010 08:03:03; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;44335
14; 878.4; 23-AUG-2010 08:08:59; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44335
15; 1006.2; 23-AUG-2010 08:11:07; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;44335
16; 1289.9; 23-AUG-2010 08:15:50; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44335
17; 1603.2; 23-AUG-2010 08:21:04; Dark ; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 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
 8; 4181.3; 23-AUG-2010 09:04:02; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44335
 9; 4373.6; 23-AUG-2010 09:07:14; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44335
10; 4573.7; 23-AUG-2010 09:10:34; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44335
11; 4748.6; 23-AUG-2010 09:13:29; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44335
12; 4981.5; 23-AUG-2010 09:17:22; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;44335
13; 5075.7; 23-AUG-2010 09:18:56; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44335
14; 5193.1; 23-AUG-2010 09:20:54; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44335

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15; 5282.4; 23-AUG-2010 09:22:23; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44335  
 16; 5394.8; 23-AUG-2010 09:24:15; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;44335  
 17; 5551.5; 23-AUG-2010 09:26:52; Dark ; 49.0; 139; 9Bet Lep ; 2.83; 5600;occ; 98; 0;44335  
 18; 5667.3; 23-AUG-2010 09:28:48; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44335  
 19; 6367.0; 23-AUG-2010 09:40:27; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44336  
 20; 6559.9; 23-AUG-2010 09:43:40; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44336  
 21; 6914.7; 23-AUG-2010 09:49:35; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44336  
 22; 7042.3; 23-AUG-2010 09:51:43; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;44336  
 23; 7326.1; 23-AUG-2010 09:56:27; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;44336  
 24; 7639.0; 23-AUG-2010 10:01:39; Dark ; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;44336

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 3; 2089.2; 23-AUG-2010 10:09:45; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44336  
 4; 2488.5; 23-AUG-2010 10:16:25; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44336  
 5; 2680.5; 23-AUG-2010 10:19:37; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;44336  
 6; 2993.3; 23-AUG-2010 10:24:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44336  
 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  
 9; 4373.4; 23-AUG-2010 10:47:50; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44336  
 10; 4574.2; 23-AUG-2010 10:51:11; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44336  
 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  
 19; 5668.2; 23-AUG-2010 11:09:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44336  
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 21; 6560.1; 23-AUG-2010 11:24:16; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44337  
 22; 6915.3; 23-AUG-2010 11:30:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44337  
 23; 7042.9; 23-AUG-2010 11:32:19; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44337  
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 4; 2088.9; 23-AUG-2010 11:50:21; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44337  
 5; 2488.5; 23-AUG-2010 11:57:01; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44337  
 6; 2680.6; 23-AUG-2010 12:00:13; Bright; 35.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 70; 0;44337  
 7; 2993.2; 23-AUG-2010 12:05:25; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44337  
 8; 3228.7; 23-AUG-2010 12:09:21; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44337  
 9; 4181.1; 23-AUG-2010 12:25:13; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;44337  
 10; 4373.3; 23-AUG-2010 12:28:26; Bright; 53.5; 107; 37The Aur ; 2.65; 11000;occ; 107; 0;44337  
 11; 4574.3; 23-AUG-2010 12:31:46; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44337  
 12; 4650.3; 23-AUG-2010 12:33:02; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;44337  
 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  
 15; 5077.3; 23-AUG-2010 12:40:09; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44337  
 16; 5194.6; 23-AUG-2010 12:42:07; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;44337  
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 19; 5553.1; 23-AUG-2010 12:48:05; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;44337  
 20; 5669.1; 23-AUG-2010 12:50:01; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44337  
 21; 6369.5; 23-AUG-2010 13:01:42; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44338  
 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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 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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12; 4650.8; 23-AUG-2010 14:13:39; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;44338
13; 4749.3; 23-AUG-2010 14:15:17; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44338
14; 4982.9; 23-AUG-2010 14:19:11; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;44338
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16; 5195.6; 23-AUG-2010 14:22:44; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44338
17; 5308.5; 23-AUG-2010 14:24:37; Dark ; 55.0; 1; 9Alp CMA ; -1.44; 11000;occ; 110; 0;44338
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19; 5554.4; 23-AUG-2010 14:28:42; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;44338
20; 5670.0; 23-AUG-2010 14:30:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44338
21; 6370.3; 23-AUG-2010 14:42:18; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44339
22; 6561.5; 23-AUG-2010 14:45:30; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44339
23; 6917.0; 23-AUG-2010 14:51:25; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44339
24; 7043.6; 23-AUG-2010 14:53:32; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;44339
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23; 4751.5; 24-AUG-2010 01:59:31; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44345
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5; -359.5; 24-AUG-2010 02:14:56; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44345
6; 343.8; 24-AUG-2010 02:26:39; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44346
7; 530.5; 24-AUG-2010 02:29:46; Dark ; 52.0; 9; Alp Eri ; 0.45; 24000;occ; 104; 0;44346
8; 886.4; 24-AUG-2010 02:35:42; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44346
9; 1010.6; 24-AUG-2010 02:37:46; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;44346

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 13; 1903.2; 24-AUG-2010 02:52:39; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44346  
 14; 2087.6; 24-AUG-2010 02:55:43; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44346  
 15; 2487.6; 24-AUG-2010 03:02:23; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44346  
 16; 2679.9; 24-AUG-2010 03:05:35; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44346  
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 11; 344.8; 24-AUG-2010 04:07:16; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;44347  
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 13; 886.5; 24-AUG-2010 04:16:18; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44347  
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 18; 1903.2; 24-AUG-2010 04:33:15; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44347  
 19; 2087.4; 24-AUG-2010 04:36:19; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44347  
 20; 2488.0; 24-AUG-2010 04:42:59; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44347  
 21; 2679.9; 24-AUG-2010 04:46:11; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;44347  
 22; 2991.0; 24-AUG-2010 04:51:22; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44347  
 23; 3221.8; 24-AUG-2010 04:55:13; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44347  
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 11; 345.8; 24-AUG-2010 05:47:53; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44348  
 12; 531.8; 24-AUG-2010 05:50:59; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44348  
 13; 888.1; 24-AUG-2010 05:56:55; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44348  
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 17; 1800.4; 24-AUG-2010 06:12:08; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44348  
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 19; 2087.0; 24-AUG-2010 06:16:54; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44348  
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 22; 2991.3; 24-AUG-2010 06:31:59; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44348  
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13; 888.4; 24-AUG-2010 07:37:32; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;44349
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6; 2679.5; 24-AUG-2010 08:07:23; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44349
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13; 4752.5; 24-AUG-2010 08:41:56; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44349
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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
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18; 6404.1; 25-AUG-2010 11:59:02; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44366
19; 6579.2; 25-AUG-2010 12:01:57; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44366
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21; 7053.9; 25-AUG-2010 12:09:52; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44366
22; 7336.2; 25-AUG-2010 12:14:34; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;44366
23; 7642.5; 25-AUG-2010 12:19:41; Dark ; 27.5; 142; 49Del Cap ; 2.85; 8900;occ; 55; 0;44366
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 2; 1800.7; 25-AUG-2010 12:22:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44366
 3; 1901.1; 25-AUG-2010 12:24:35; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44366
 4; 2084.4; 25-AUG-2010 12:27:38; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44366
 5; 2486.8; 25-AUG-2010 12:34:21; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44366
 6; 2678.5; 25-AUG-2010 12:37:33; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;44366
 7; 2988.0; 25-AUG-2010 12:42:42; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44366
 8; 3208.0; 25-AUG-2010 12:46:22; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44366
 9; 3340.9; 25-AUG-2010 12:48:35; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44366
10; 4176.3; 25-AUG-2010 13:02:30; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;44366
11; 4374.8; 25-AUG-2010 13:05:49; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;44366
12; 4657.8; 25-AUG-2010 13:10:32; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;44366
13; 4758.0; 25-AUG-2010 13:12:12; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44366
14; 4999.3; 25-AUG-2010 13:16:13; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;44366
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16; 5321.4; 25-AUG-2010 13:21:35; Dark ; 46.0; 1; 9Alp CMA ; -1.44; 11000;occ; 92; 0;44366
17; 5519.6; 25-AUG-2010 13:24:54; Dark ; 50.0; 101; 11Alp Lep ; 2.58; 7000;occ; 100; 0;44366
18; 5696.3; 25-AUG-2010 13:27:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44366
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21; 6936.9; 25-AUG-2010 13:48:31; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44367
22; 7054.6; 25-AUG-2010 13:50:29; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44367
23; 7336.4; 25-AUG-2010 13:55:10; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44367
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 3; 1900.8; 25-AUG-2010 14:05:11; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44367
 4; 2084.0; 25-AUG-2010 14:08:14; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44367
 5; 2486.8; 25-AUG-2010 14:14:57; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44367
 6; 2678.5; 25-AUG-2010 14:18:08; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44367
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 8; 3207.6; 25-AUG-2010 14:26:58; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44367
 9; 3340.4; 25-AUG-2010 14:29:10; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44367
10; 4176.1; 25-AUG-2010 14:43:06; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;44367
11; 4375.0; 25-AUG-2010 14:46:25; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;44367
12; 4658.5; 25-AUG-2010 14:51:08; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44367
13; 4758.3; 25-AUG-2010 14:52:48; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;44367
14; 5000.1; 25-AUG-2010 14:56:50; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;44367
15; 5219.8; 25-AUG-2010 15:00:30; Dark ; 52.0; 33; 50Zet Ori ; 1.77; 30000;occ; 104; 0;44367
16; 5322.0; 25-AUG-2010 15:02:12; Dark ; 48.0; 1; 9Alp CMA ; -1.44; 11000;occ; 96; 0;44367
17; 5520.7; 25-AUG-2010 15:05:31; Dark ; 52.0; 101; 11Alp Lep ; 2.58; 7000;occ; 104; 0;44367
18; 5697.3; 25-AUG-2010 15:08:27; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44367
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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 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
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 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
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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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 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  
 7; 2678.5; 25-AUG-2010 17:39:20; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44369  
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 9; 3206.1; 25-AUG-2010 17:48:08; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44369  
 10; 3338.8; 25-AUG-2010 17:50:21; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44369  
 11; 4216.4; 25-AUG-2010 18:04:58; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 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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 6; 2083.4; 25-AUG-2010 19:10:01; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44370  
 7; 2486.7; 25-AUG-2010 19:16:45; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44370  
 8; 2678.3; 25-AUG-2010 19:19:56; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44370  
 9; 2987.4; 25-AUG-2010 19:25:05; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44370  
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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  
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 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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 19; 5523.3; 25-AUG-2010 20:07:21; Dark ; 52.0; 101; 11Alp Lep ; 2.58; 7000;occ; 104; 0;44370  
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 21; 6410.0; 25-AUG-2010 20:22:08; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;44371  
 22; 6582.1; 25-AUG-2010 20:25:00; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44371  
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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



8; 2486.1; 25-AUG-2010 20:57:20; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44371  
 9; 2681.0; 25-AUG-2010 21:00:35; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 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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 15; 4659.1; 25-AUG-2010 21:33:33; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44371  
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 17; 5002.4; 25-AUG-2010 21:39:16; Dark ; 67.5; 14; 58Alp Ori ; 0.87; 3000;occ; 135; 0;44371  
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 9; 1302.6; 25-AUG-2010 22:18:12; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44372  
 10; 1607.4; 25-AUG-2010 22:23:17; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44372  
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 16; 3203.9; 25-AUG-2010 22:49:54; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44372  
 17; 3336.2; 25-AUG-2010 22:52:06; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44372  
 18; 4216.0; 25-AUG-2010 23:06:46; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;44372  
 19; 4375.1; 25-AUG-2010 23:09:25; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44372  
 20; 4659.6; 25-AUG-2010 23:14:09; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44372  
 21; 4759.8; 25-AUG-2010 23:15:50; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44372  
 22; 5003.1; 25-AUG-2010 23:19:53; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44372  
 23; 5324.0; 25-AUG-2010 23:25:14; Dark ; 1.5; 1; 9Alp CMA ; -1.44; 11000;occ; 3; 0;44372

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 2; -510.5; 25-AUG-2010 23:28:35; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44372  
 3; -333.8; 25-AUG-2010 23:31:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44372  
 4; 376.7; 25-AUG-2010 23:43:22; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44373  
 5; 547.9; 25-AUG-2010 23:46:14; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44373  
 6; 904.9; 25-AUG-2010 23:52:11; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;44373  
 7; 1020.4; 25-AUG-2010 23:54:06; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44373  
 8; 1302.4; 25-AUG-2010 23:58:48; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;44373  
 9; 1607.7; 26-AUG-2010 00:03:53; Dark ; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44373  
 10; 1800.9; 26-AUG-2010 00:07:07; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44373  
 11; 1900.3; 26-AUG-2010 00:08:46; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44373  
 12; 2082.9; 26-AUG-2010 00:11:48; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44373  
 13; 2486.2; 26-AUG-2010 00:18:32; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44373  
 14; 2986.6; 26-AUG-2010 00:26:52; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44373  
 15; 3203.2; 26-AUG-2010 00:30:29; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44373  
 16; 3335.5; 26-AUG-2010 00:32:41; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;44373  
 17; 4216.0; 26-AUG-2010 00:47:22; Bright; 47.5; 42; 34Bet Aur ; 1.90; 10200;occ; 95; 0;44373  
 18; 4375.1; 26-AUG-2010 00:50:01; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44373  
 19; 4659.9; 26-AUG-2010 00:54:46; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44373  
 20; 4760.1; 26-AUG-2010 00:56:26; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44373  
 21; 5003.6; 26-AUG-2010 01:00:29; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44373

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 2; -509.7; 26-AUG-2010 01:09:12; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;44373  
 3; -332.8; 26-AUG-2010 01:12:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44373  
 4; 378.0; 26-AUG-2010 01:23:59; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44374  
 5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374  
 6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374  
 7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374

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

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3; -332.8; 26-AUG-2010 01:12:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44373
4; 378.0; 26-AUG-2010 01:23:59; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44374
5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374
6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374
7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374
8; 1302.8; 26-AUG-2010 01:39:24; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44374
9; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
10; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
11; 1900.1; 26-AUG-2010 01:49:22; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 37;44374
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2; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
3; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
4; 1900.1; 26-AUG-2010 01:49:22; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44374
5; 2083.3; 26-AUG-2010 01:52:25; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44374
6; 2486.6; 26-AUG-2010 01:59:08; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44374
7; 2986.6; 26-AUG-2010 02:07:28; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44374
8; 3202.6; 26-AUG-2010 02:11:04; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44374
9; 3334.9; 26-AUG-2010 02:13:16; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44374
10; 4216.1; 26-AUG-2010 02:27:58; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;44374
11; 4375.4; 26-AUG-2010 02:30:37; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44374
12; 4660.1; 26-AUG-2010 02:35:22; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44374
13; 4760.5; 26-AUG-2010 02:37:02; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;44374
14; 5004.4; 26-AUG-2010 02:41:06; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44374
15; 5222.7; 26-AUG-2010 02:44:44; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44374
16; 5325.3; 26-AUG-2010 02:46:27; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;44374
17; 5704.0; 26-AUG-2010 02:52:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44374
18; 6415.2; 26-AUG-2010 03:04:37; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44375
19; 6585.0; 26-AUG-2010 03:07:26; Dark ; 49.0; 9; Alp Eri ; 0.45; 24000;occ; 98; 0;44375
20; 6942.0; 26-AUG-2010 03:13:23; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44375
21; 7057.2; 26-AUG-2010 03:15:19; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;44375
22; 7339.4; 26-AUG-2010 03:20:01; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44375
23; 7643.6; 26-AUG-2010 03:25:05; Dark ; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44375
24; 7837.3; 26-AUG-2010 03:28:19; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44375
25; 7936.0; 26-AUG-2010 03:29:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44375
26; 8119.0; 26-AUG-2010 03:33:00; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44375
27; 8530.9; 26-AUG-2010 03:39:52; Bright; 26.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 53; 0;44375
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2; 3202.0; 26-AUG-2010 03:51:39; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44375
3; 3334.4; 26-AUG-2010 03:53:52; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44375
4; 4216.1; 26-AUG-2010 04:08:33; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44375
5; 4375.3; 26-AUG-2010 04:11:13; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44375
6; 4660.5; 26-AUG-2010 04:15:58; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44375
7; 4761.0; 26-AUG-2010 04:17:38; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44375
8; 5005.2; 26-AUG-2010 04:21:43; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44375
9; 5223.7; 26-AUG-2010 04:25:21; Dark ; 59.5; 72; 34Del Ori ; 2.25; 30000;occ; 119; 0;44375
10; 5325.9; 26-AUG-2010 04:27:03; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;44375
11; 5528.0; 26-AUG-2010 04:30:25; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44375
12; 5705.1; 26-AUG-2010 04:33:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44375
13; 6416.6; 26-AUG-2010 04:45:14; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44376
14; 6585.8; 26-AUG-2010 04:48:03; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44376
15; 6943.2; 26-AUG-2010 04:54:01; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;44376
16; 7057.7; 26-AUG-2010 04:55:55; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44376
17; 7339.3; 26-AUG-2010 05:00:37; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44376
18; 7644.0; 26-AUG-2010 05:05:41; Dark ; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;44376
19; 7837.5; 26-AUG-2010 05:08:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44376
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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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  
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 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  
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 4; 2549.7; 26-AUG-2010 08:42:35; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44378  
 5; 2986.1; 26-AUG-2010 08:49:51; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44378  
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 7; 3331.9; 26-AUG-2010 08:55:37; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44378  
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 9; 4375.5; 26-AUG-2010 09:13:01; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44378  
 10; 4661.2; 26-AUG-2010 09:17:47; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44378  
 11; 4761.8; 26-AUG-2010 09:19:27; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;44378  
 12; 5006.9; 26-AUG-2010 09:23:32; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44378  
 13; 5226.3; 26-AUG-2010 09:27:12; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44378  
 14; 5327.1; 26-AUG-2010 09:28:52; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;44378  
 15; 5530.9; 26-AUG-2010 09:32:16; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44378  
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 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  
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 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  
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10; 4375.9; 26-AUG-2010 15:55:25; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44382
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12; 4375.8; 26-AUG-2010 19:16:37; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44384
13; 4662.7; 26-AUG-2010 19:21:24; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44384
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4;	-242.7;	31-AUG-2010	23:44:33;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	44458
5;	524.9;	31-AUG-2010	23:57:20;	Dark	;	39.5;	143;	Alp Hyi	;	2.86;	7200;	occ;	79;	0;	44459
6;	601.9;	31-AUG-2010	23:58:37;	Dark	;	45.0;	9;	Alp Eri	;	0.45;	24000;	occ;	90;	0;	44459
7;	959.7;	01-SEP-2010	00:04:35;	Dark	;	47.5;	84;	Alp Phe	;	2.40;	4500;	occ;	95;	0;	44459
8;	1328.2;	01-SEP-2010	00:10:44;	Dark	;	47.0;	18;	24Alp PsA	;	1.17;	9700;	occ;	94;	0;	44459
9;	1618.7;	01-SEP-2010	00:15:34;	Dark	;	48.5;	142;	49Del Cap	;	2.85;	8900;	occ;	97;	0;	44459
10;	1895.5;	01-SEP-2010	00:20:11;	Bright;		41.0;	162;	34Alp Aqr	;	2.94;	5350;	occ;	82;	0;	44459
11;	2075.2;	01-SEP-2010	00:23:11;	Bright;		41.0;	61;	8Eps Peg	;	2.10;	3900;	occ;	82;	0;	44459
12;	2503.0;	01-SEP-2010	00:30:18;	Bright;		46.0;	164;	44Eta Peg	;	2.95;	5400;	occ;	92;	0;	44459
13;	2975.5;	01-SEP-2010	00:38:11;	Bright;		38.5;	89;	5Alp Cep	;	2.45;	8000;	occ;	77;	0;	44459
14;	3145.2;	01-SEP-2010	00:41:01;	Bright;		43.5;	74;	11Bet Cas	;	2.27;	6600;	occ;	87;	0;	44459
15;	3273.7;	01-SEP-2010	00:43:09;	Bright;		45.0;	76;	27Gam Cas	;	2.30;	30000;	occ;	90;	0;	44459
16;	4208.2;	01-SEP-2010	00:58:43;	Bright;		45.5;	42;	34Bet Aur	;	1.90;	10200;	occ;	91;	0;	44459
17;	4377.9;	01-SEP-2010	01:01:33;	Bright;		57.0;	107;	37The Aur	;	2.65;	11000;	occ;	114;	0;	44459
18;	4514.1;	01-SEP-2010	01:03:49;	Bright;		39.0;	17;	78Bet Gem	;	1.16;	4500;	occ;	78;	0;	44459
19;	4685.5;	01-SEP-2010	01:06:41;	Dark	;	57.0;	151;	13Mu Gem	;	2.89;	3000;	occ;	114;	0;	44459
20;	4790.7;	01-SEP-2010	01:08:26;	Dark	;	52.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	105;	0;	44459
21;	4913.6;	01-SEP-2010	01:10:29;	Dark	;	49.5;	8;	10Alp CMi	;	0.40;	6500;	occ;	99;	0;	44459