

# GOMOS Daily Report 29-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	03SEP2010 04:54:15
Data source version	GOMOS/5.01
Start time of products	29AUG2010 00:04:46
Stop time of products	29AUG2010 23:53:12
Store outputs in DB	Yes
Nb of level 1b prods	140
Nb of prods with errors	0

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

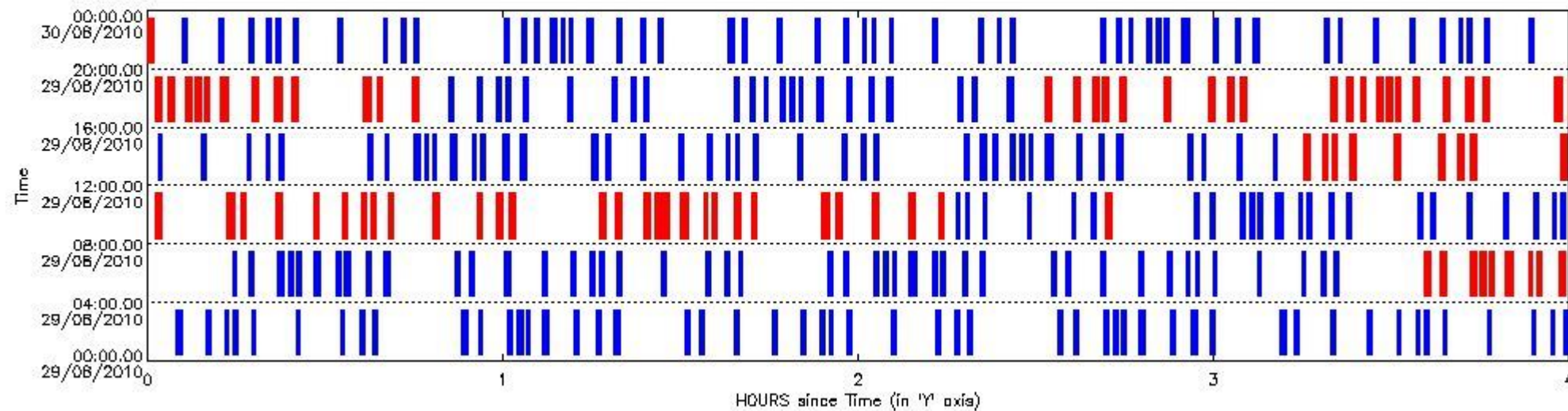
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
29-AUG-2010 07:35:34	34BetAur	42	44420
29-AUG-2010 07:38:19	37TheAur	107	44420
29-AUG-2010 07:43:15	13MuGem	151	44420
29-AUG-2010 07:44:58	24GamGem	44	44420
29-AUG-2010 07:46:24	3BetCMi	153	44420
29-AUG-2010 07:49:17	58AlpOri	14	44420
29-AUG-2010 07:53:10	50ZetOri	33	44420
29-AUG-2010 07:54:31	9AlpCMa	1	44420
29-AUG-2010 07:58:16	11AlpLep	101	44420
29-AUG-2010 08:01:13	DSA1062	0	44420
29-AUG-2010 08:13:13	The1Eri	157	44421
29-AUG-2010 08:15:36	AlpEri	9	44421
29-AUG-2010 08:21:34	AlpPhe	84	44421
29-AUG-2010 08:27:55	24AlpPsA	18	44421
29-AUG-2010 08:32:51	49DelCap	142	44421

29-AUG-2010 08:36:02	22BetAqr	154	44421
29-AUG-2010 08:37:34	34AlpAqr	162	44421
29-AUG-2010 08:40:35	8EpsPeg	61	44421
29-AUG-2010 08:48:01	44EtaPeg	164	44421
29-AUG-2010 08:55:37	5AlpCep	89	44421
29-AUG-2010 08:58:48	11BetCas	74	44421
29-AUG-2010 09:00:58	27GamCas	76	44421
29-AUG-2010 09:16:10	34BetAur	42	44421
29-AUG-2010 09:18:55	37TheAur	107	44421
29-AUG-2010 09:23:51	13MuGem	151	44421
29-AUG-2010 09:25:34	24GamGem	44	44421
29-AUG-2010 09:27:01	3BetCMi	153	44421
29-AUG-2010 09:29:54	58AlpOri	14	44421
29-AUG-2010 09:33:47	50ZetOri	33	44421
29-AUG-2010 09:35:07	9AlpCMa	1	44421
29-AUG-2010 09:38:53	11AlpLep	101	44421
29-AUG-2010 09:41:50	DSA1062	0	44421
29-AUG-2010 09:53:50	The1Eri	157	44422
29-AUG-2010 09:56:12	AlpEri	9	44422
29-AUG-2010 10:02:11	AlpPhe	84	44422
29-AUG-2010 10:08:31	24AlpPsA	18	44422
29-AUG-2010 10:13:27	49DelCap	142	44422
29-AUG-2010 10:41:34	27GamCas	76	44422
29-AUG-2010 15:15:15	49DelCap	142	44425
29-AUG-2010 15:18:26	22BetAqr	154	44425
29-AUG-2010 15:19:58	34AlpAqr	162	44425
29-AUG-2010 15:22:59	8EpsPeg	61	44425
29-AUG-2010 15:30:22	44EtaPeg	164	44425
29-AUG-2010 15:38:01	5AlpCep	89	44425
29-AUG-2010 15:41:09	11BetCas	74	44425
29-AUG-2010 15:43:19	27GamCas	76	44425
29-AUG-2010 15:58:33	34BetAur	42	44425
29-AUG-2010 16:01:18	37TheAur	107	44425
29-AUG-2010 16:03:30	78BetGem	17	44425
29-AUG-2010 16:06:16	13MuGem	151	44425
29-AUG-2010 16:07:59	24GamGem	44	44425
29-AUG-2010 16:09:26	3BetCMi	153	44425
29-AUG-2010 16:12:20	58AlpOri	14	44425
29-AUG-2010 16:17:33	9AlpCMa	1	44425
29-AUG-2010 16:21:21	11AlpLep	101	44425
29-AUG-2010 16:24:18	DSA1062	0	44425
29-AUG-2010 16:36:19	The1Eri	157	44426
29-AUG-2010 16:38:39	AlpEri	9	44426
29-AUG-2010 16:44:37	AlpPhe	84	44426
29-AUG-2010 18:31:32	24AlpPsA	18	44427
29-AUG-2010 18:36:28	49DelCap	142	44427
29-AUG-2010 18:39:38	22BetAqr	154	44427
29-AUG-2010 18:41:10	34AlpAqr	162	44427
29-AUG-2010 18:44:11	8EpsPeg	61	44427
29-AUG-2010 18:51:33	44EtaPeg	164	44427
29-AUG-2010 18:59:12	5AlpCep	89	44427
29-AUG-2010 19:02:19	11BetCas	74	44427
29-AUG-2010 19:04:30	27GamCas	76	44427
29-AUG-2010 19:19:45	34BetAur	42	44427
29-AUG-2010 19:22:30	37TheAur	107	44427
29-AUG-2010 19:24:42	78BetGem	17	44427
29-AUG-2010 19:27:29	13MuGem	151	44427
29-AUG-2010 19:29:12	24GamGem	44	44427
29-AUG-2010 19:30:38	3BetCMi	153	44427

29-AUG-2010 19:33:34	58AlpOri	14	44427
29-AUG-2010 19:38:46	9AlpCMa	1	44427
29-AUG-2010 19:42:35	11AlpLep	101	44427
29-AUG-2010 19:45:32	DSA1062	0	44427
29-AUG-2010 19:57:33	The1Eri	157	44428
29-AUG-2010 19:59:52	AlpEri	9	44428

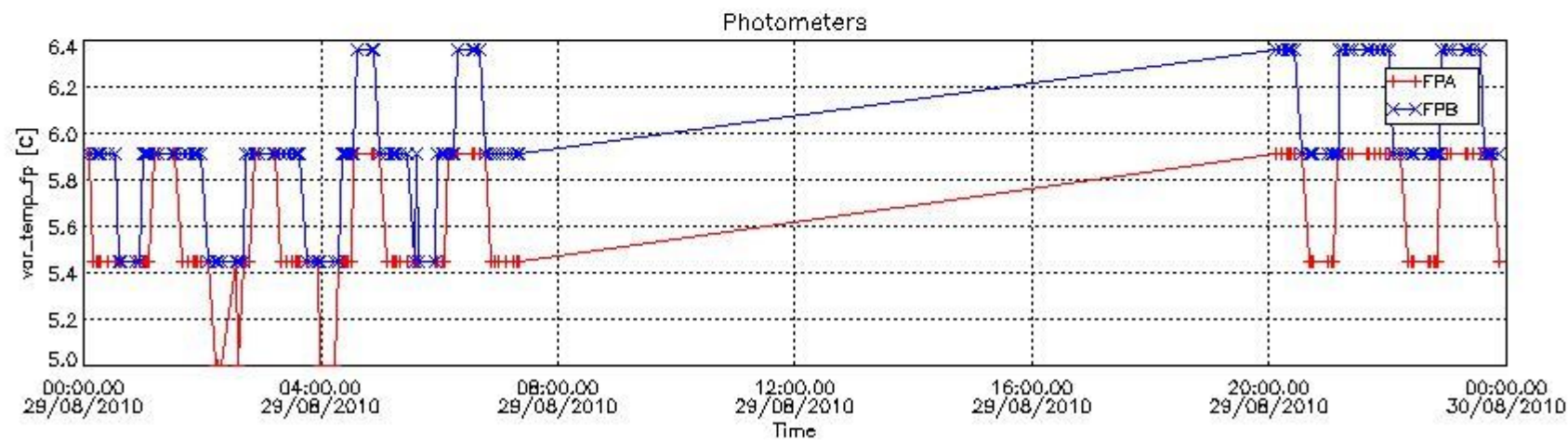
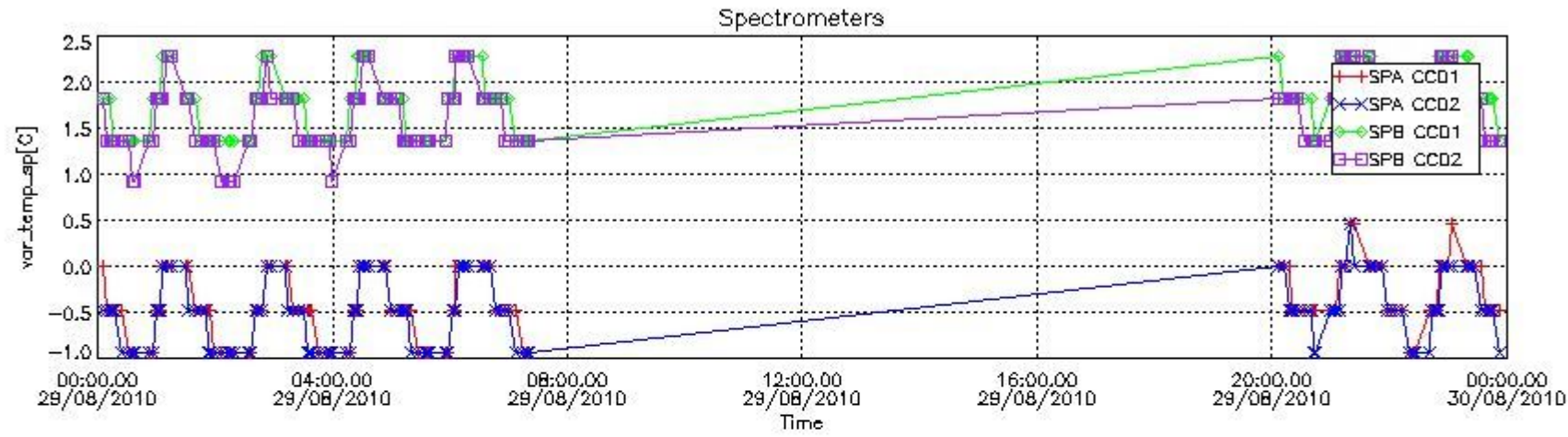
## 2.4 Summary of processed GOM\_TRA\_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100829_000446_000000542092_00274_44416_9126.N1	29-AUG-2010 00:04:46	Straylight	54.000	18	24Alp PsA	1.1660	9700.0	108	44416	No
2	GOM_TRA_1PNPDE20100829_000943_000000512092_00274_44416_9127.N1	29-AUG-2010 00:09:43	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	44416	No
3	GOM_TRA_1PNPDE20100829_001254_000000402092_00274_44416_9128.N1	29-AUG-2010 00:12:54	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44416	No
4	GOM_TRA_1PNPDE20100829_001427_000000432092_00274_44416_9129.N1	29-AUG-2010 00:14:27	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44416	No
5	GOM_TRA_1PNPDE20100829_001729_000000402092_00274_44416_9130.N1	29-AUG-2010 00:17:29	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44416	No
6	GOM_TRA_1PNPDE20100829_002457_000000442092_00274_44416_9131.N1	29-AUG-2010 00:24:57	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44416	No
7	GOM_TRA_1PNPDE20100829_003231_000000372092_00274_44416_9132.N1	29-AUG-2010 00:32:31	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	44416	No
8	GOM_TRA_1PNPDE20100829_003544_000000452092_00274_44416_9133.N1	29-AUG-2010 00:35:44	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44416	No
9	GOM_TRA_1PNPDE20100829_003755_000000482092_00274_44416_9134.N1	29-AUG-2010 00:37:55	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44416	No
10	GOM_TRA_1PNPDE20100829_005303_000000632092_00274_44416_9135.N1	29-AUG-2010 00:53:03	Bright	63.000	42	34Bet Aur	1.9000	10200.	126	44416	No
11	GOM_TRA_1PNPDE20100829_005547_000000452092_00274_44416_9136.N1	29-AUG-2010 00:55:47	Bright	45.000	107	37The Aur	2.6490	11000.	90	44416	No
12	GOM_TRA_1PNPDE20100829_010042_000000552092_00274_44416_9137.N1	29-AUG-2010 01:00:42	Twilight	54.500	151	13Mu Gem	2.8900	3000.0	109	44416	No
13	GOM_TRA_1PNPDE20100829_010225_000000522092_00274_44416_9138.N1	29-AUG-2010 01:02:25	Twilight	51.500	44	24Gam Gem	1.9280	11000.	103	44416	No
14	GOM_TRA_1PNPDE20100829_010352_000000392092_00274_44416_9139.N1	29-AUG-2010 01:03:52	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	44416	No
15	GOM_TRA_1PNPDE20100829_010643_000000632092_00274_44416_9140.N1	29-AUG-2010 01:06:43	Dark	62.500	14	58Alp Ori	0.87000	3000.0	125	44416	No
16	GOM_TRA_1PNPDE20100829_011157_000000552092_00274_44416_9155.N1	29-AUG-2010 01:11:57	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	44416	No
17	GOM_TRA_1PNPDE20100829_011540_000000542092_00274_44416_9156.N1	29-AUG-2010 01:15:40	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44416	No
18	GOM_TRA_1PNPDE20100829_013037_000000552092_00275_44417_9157.N1	29-AUG-2010 01:30:37	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44417	No
19	GOM_TRA_1PNPDE20100829_013303_000000482092_00275_44417_9158.N1	29-AUG-2010 01:33:03	Dark	47.500	9	Alp Eri	0.45300	24000.	95	44417	No
20	GOM_TRA_1PNPDE20100829_013900_000000502092_00275_44417_9159.N1	29-AUG-2010 01:39:00	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	44417	No
21	GOM_TRA_1PNPDE20100829_014523_000000502092_00275_44417_9160.N1	29-AUG-2010 01:45:23	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44417	No
22	GOM_TRA_1PNPDE20100829_015019_000000472092_00275_44417_9161.N1	29-AUG-2010 01:50:19	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44417	No
23	GOM_TRA_1PNPDE20100829_015330_000000392092_00275_44417_9162.N1	29-AUG-2010 01:53:30	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44417	No
24	GOM_TRA_1PNPDE20100829_015504_000000422092_00275_44417_9163.N1	29-AUG-2010 01:55:04	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44417	No
25	GOM_TRA_1PNPDE20100829_015804_000000412092_00275_44417_9164.N1	29-AUG-2010 01:58:04	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44417	No
26	GOM_TRA_1PNPDE20100829_020532_000000482092_00275_44417_9165.N1	29-AUG-2010 02:05:32	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	44417	No
27	GOM_TRA_1PNPDE20100829_021307_000000392092_00275_44417_9166.N1	29-AUG-2010 02:13:07	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44417	No
28	GOM_TRA_1PNPDE20100829_021619_000000422092_00275_44417_9167.N1	29-AUG-2010 02:16:19	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44417	No
29	GOM_TRA_1PNPDE20100829_021830_000000472092_00275_44417_9168.N1	29-AUG-2010 02:18:30	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44417	No
30	GOM_TRA_1PNPDE20100829_023339_000000472092_00275_44417_9169.N1	29-AUG-2010 02:33:39	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44417	No
31	GOM_TRA_1PNPDE20100829_023623_000000472092_00275_44417_9170.N1	29-AUG-2010 02:36:23	Bright	46.500	107	37The Aur	2.6490	11000.	93	44417	No
32	GOM_TRA_1PNPDE20100829_024119_000000542092_00275_44417_9171.N1	29-AUG-2010 02:41:19	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44417	No
33	GOM_TRA_1PNPDE20100829_024301_000000482092_00275_44417_9172.N1	29-AUG-2010 02:43:01	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	44417	No
34	GOM_TRA_1PNPDE20100829_024428_000000412092_00275_44417_9173.N1	29-AUG-2010 02:44:28	Twilight	41.000	153	3Bet CMi	2.8940	13100.	82	44417	No
35	GOM_TRA_1PNPDE20100829_024719_000000692092_00275_44417_9174.N1	29-AUG-2010 02:47:19	Dark	69.000	14	58Alp Ori	0.87000	3000.0	138	44417	No
36	GOM_TRA_1PNPDE20100829_025234_000000502092_00275_44417_9175.N1	29-AUG-2010 02:52:34	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44417	No
37	GOM_TRA_1PNPDE20100829_025617_000000532092_00275_44417_9176.N1	29-AUG-2010 02:56:17	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	44417	No
38	GOM_TRA_1PNPDE20100829_031114_000000552092_00276_44418_9177.N1	29-AUG-2010 03:11:14	Dark	55.000	157	The1Eri	2.9060	9300.0	110	44418	No
39	GOM_TRA_1PNPDE20100829_031339_000000462092_00276_44418_9178.N1	29-AUG-2010 03:13:39	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44418	No
40	GOM_TRA_1PNPDE20100829_031937_000000522092_00276_44418_9179.N1	29-AUG-2010 03:19:37	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	44418	No
41	GOM_TRA_1PNPDE20100829_032559_000000502092_00276_44418_9180.N1	29-AUG-2010 03:25:59	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	44418	No
42	GOM_TRA_1PNPDE20100829_033056_000000432092_00276_44418_9181.N1	29-AUG-2010 03:30:56	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	44418	No
43	GOM_TRA_1PNPDE20100829_033406_000000402092_00276_44418_9182.N1	29-AUG-2010 03:34:06	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44418	No
44	GOM_TRA_1PNPDE20100829_033539_000000432092_00276_44418_9183.N1	29-AUG-2010 03:35:39	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44418	No
45	GOM_TRA_1PNPDE20100829_033841_000000392092_00276_44418_9184.N1	29-AUG-2010 03:38:41	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44418	No
46	GOM_TRA_1PNPDE20100829_034607_000000462092_00276_44418_9185.N1	29-AUG-2010 03:46:07	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44418	No
47	GOM_TRA_1PNPDE20100829_035343_000000362092_00276_44418_9197.N1	29-AUG-2010 03:53:43	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	44418	No
48	GOM_TRA_1PNPDE20100829_035655_000000432092_00276_44418_9198.N1	29-AUG-2010 03:56:55	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44418	No

49	GOM_TRA_1PNPDE20100829_035905_000000442092_00276_44418_9199.N1	29-AUG-2010 03:59:05	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44418	No
50	GOM_TRA_1PNPDE20100829_041415_000000442092_00276_44418_9200.N1	29-AUG-2010 04:14:15	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	44418	No
51	GOM_TRA_1PNPDE20100829_041659_000000442092_00276_44418_9201.N1	29-AUG-2010 04:16:59	Bright	43.500	107	37The Aur	2.6490	11000.	87	44418	No
52	GOM_TRA_1PNPDE20100829_042155_000000542092_00276_44418_9202.N1	29-AUG-2010 04:21:55	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44418	No
53	GOM_TRA_1PNPDE20100829_042338_000000472092_00276_44418_9203.N1	29-AUG-2010 04:23:38	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	44418	No
54	GOM_TRA_1PNPDE20100829_042505_000000412092_00276_44418_9204.N1	29-AUG-2010 04:25:05	Twilight	40.500	153	3Bet CMI	2.8940	13100.	81	44418	No
55	GOM_TRA_1PNPDE20100829_042756_000000642092_00276_44418_9205.N1	29-AUG-2010 04:27:56	Dark	64.000	14	58Alp Ori	0.87000	3000.0	128	44418	No
56	GOM_TRA_1PNPDE20100829_043149_000000492092_00276_44418_9206.N1	29-AUG-2010 04:31:49	Dark	49.000	33	50Zet Ori	1.7660	30000.	98	44418	No
57	GOM_TRA_1PNPDE20100829_043311_000000562092_00276_44418_9207.N1	29-AUG-2010 04:33:11	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	44418	No
58	GOM_TRA_1PNPDE20100829_043654_000000522092_00276_44418_9208.N1	29-AUG-2010 04:36:54	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44418	No
59	GOM_TRA_1PNPDE20100829_045151_000000552092_00277_44419_9209.N1	29-AUG-2010 04:51:51	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44419	No
60	GOM_TRA_1PNPDE20100829_045415_000000452092_00277_44419_9210.N1	29-AUG-2010 04:54:15	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44419	No
61	GOM_TRA_1PNPDE20100829_050013_000000592092_00277_44419_9211.N1	29-AUG-2010 05:00:13	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	44419	No
62	GOM_TRA_1PNPDE20100829_050635_000000522092_00277_44419_9212.N1	29-AUG-2010 05:06:35	Straylight	52.000	18	24Alp PsA	1.1660	9700.0	104	44419	No
63	GOM_TRA_1PNPDE20100829_051132_000000482092_00277_44419_9213.N1	29-AUG-2010 05:11:32	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	44419	No
64	GOM_TRA_1PNPDE20100829_051442_000000402092_00277_44419_9214.N1	29-AUG-2010 05:14:42	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44419	No
65	GOM_TRA_1PNPDE20100829_051615_000000412092_00277_44419_9215.N1	29-AUG-2010 05:16:15	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44419	No
66	GOM_TRA_1PNPDE20100829_051917_000000392092_00277_44419_9216.N1	29-AUG-2010 05:19:17	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44419	No
67	GOM_TRA_1PNPDE20100829_052643_000000462092_00277_44419_9217.N1	29-AUG-2010 05:26:43	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44419	No
68	GOM_TRA_1PNPDE20100829_053418_000000372092_00277_44419_9218.N1	29-AUG-2010 05:34:18	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44419	No
69	GOM_TRA_1PNPDE20100829_053730_000000462092_00277_44419_9219.N1	29-AUG-2010 05:37:30	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44419	No
70	GOM_TRA_1PNPDE20100829_053941_000000472092_00277_44419_9220.N1	29-AUG-2010 05:39:41	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44419	No
71	GOM_TRA_1PNPDE20100829_055451_000000462092_00277_44419_9222.N1	29-AUG-2010 05:54:51	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	44419	No
72	GOM_TRA_1PNPDE20100829_055735_000000472092_00277_44419_9223.N1	29-AUG-2010 05:57:35	Bright	47.000	107	37The Aur	2.6490	11000.	94	44419	No
73	GOM_TRA_1PNPDE20100829_060232_000000522092_00277_44419_9224.N1	29-AUG-2010 06:02:32	Twilight	52.000	151	13Mu Gem	2.8900	3000.0	104	44419	No
74	GOM_TRA_1PNPDE20100829_060414_000000492092_00277_44419_9225.N1	29-AUG-2010 06:04:14	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	44419	No
75	GOM_TRA_1PNPDE20100829_060541_000000412092_00277_44419_9226.N1	29-AUG-2010 06:05:41	Twilight	40.500	153	3Bet CMI	2.8940	13100.	81	44419	No
76	GOM_TRA_1PNPDE20100829_060833_000000732092_00277_44419_9227.N1	29-AUG-2010 06:08:33	Dark	72.500	14	58Alp Ori	0.87000	3000.0	145	44419	No
77	GOM_TRA_1PNPDE20100829_061226_000000492092_00277_44419_9228.N1	29-AUG-2010 06:12:26	Dark	49.000	33	50Zet Ori	1.7660	30000.	98	44419	No
78	GOM_TRA_1PNPDE20100829_061347_000000542092_00277_44419_9229.N1	29-AUG-2010 06:13:47	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	44419	No
79	GOM_TRA_1PNPDE20100829_061732_000000562092_00277_44419_9230.N1	29-AUG-2010 06:17:32	Dark	55.500	101	11Alp Lep	2.5820	7000.0	111	44419	No
80	GOM_TRA_1PNPDE20100829_063229_000000532092_00278_44420_9231.N1	29-AUG-2010 06:32:29	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44420	No
81	GOM_TRA_1PNPDE20100829_063452_000000542092_00278_44420_9232.N1	29-AUG-2010 06:34:52	Dark	54.000	9	Alp Eri	0.45300	24000.	108	44420	No
82	GOM_TRA_1PNPDE20100829_064050_000000522092_00278_44420_9233.N1	29-AUG-2010 06:40:50	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	44420	No
83	GOM_TRA_1PNPDE20100829_064712_000000482092_00278_44420_9234.N1	29-AUG-2010 06:47:12	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44420	No
84	GOM_TRA_1PNPDE20100829_065208_000000492092_00278_44420_9235.N1	29-AUG-2010 06:52:08	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	44420	No
85	GOM_TRA_1PNPDE20100829_065518_000000402092_00278_44420_9236.N1	29-AUG-2010 06:55:18	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44420	No
86	GOM_TRA_1PNPDE20100829_065651_000000422092_00278_44420_9237.N1	29-AUG-2010 06:56:51	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44420	No
87	GOM_TRA_1PNPDE20100829_065952_000000392092_00278_44420_9238.N1	29-AUG-2010 06:59:52	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44420	No
88	GOM_TRA_1PNPDE20100829_070718_000000432092_00278_44420_9239.N1	29-AUG-2010 07:07:18	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	44420	No
89	GOM_TRA_1PNPDE20100829_071454_000000382092_00278_44420_9240.N1	29-AUG-2010 07:14:54	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44420	No
90	GOM_TRA_1PNPDE20100829_071805_000000462092_00278_44420_9241.N1	29-AUG-2010 07:18:05	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44420	No
91	GOM_TRA_1PNPDE20100829_072016_000000472092_00278_44420_9242.N1	29-AUG-2010 07:20:16	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44420	No
92	GOM_TRA_1PNPDE20100829_200542_000000612092_00286_44428_9343.N1	29-AUG-2010 20:05:42	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	44428	No
93	GOM_TRA_1PNPDE20100829_201201_000000502092_00286_44428_9344.N1	29-AUG-2010 20:12:01	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44428	No
94	GOM_TRA_1PNPDE20100829_201656_000000482092_00286_44428_9345.N1	29-AUG-2010 20:16:56	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	44428	No
95	GOM_TRA_1PNPDE20100829_202006_000000392092_00286_44428_9346.N1	29-AUG-2010 20:20:06	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44428	No
96	GOM_TRA_1PNPDE20100829_202138_000000422092_00286_44428_9347.N1	29-AUG-2010 20:21:38	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44428	No
97	GOM_TRA_1PNPDE20100829_202439_000000412092_00286_44428_9348.N1	29-AUG-2010 20:24:39	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44428	No
98	GOM_TRA_1PNPDE20100829_203201_000000432092_00286_44428_9349.N1	29-AUG-2010 20:32:01	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44428	No
99	GOM_TRA_1PNPDE20100829_203941_000000362092_00286_44428_9350.N1	29-AUG-2010 20:39:41	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	44428	No
100	GOM_TRA_1PNPDE20100829_204247_000000472092_00286_44428_9351.N1	29-AUG-2010 20:42:47	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	44428	No
101	GOM_TRA_1PNPDE20100829_204457_000000492092_00286_44428_9352.N1	29-AUG-2010 20:44:57	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	44428	No
102	GOM_TRA_1PNPDE20100829_210013_000000462092_00286_44428_9353.N1	29-AUG-2010 21:00:13	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44428	No
103	GOM_TRA_1PNPDE20100829_210259_000000492092_00286_44428_9354.N1	29-AUG-2010 21:02:59	Bright	48.500	107	37The Aur	2.6490	11000.	97	44428	No
104	GOM_TRA_1PNPDE20100829_210511_000000532092_00286_44428_9355.N1	29-AUG-2010 21:05:11	Bright	53.000	17	78Bet Gem	1.1610	4500.0	106	44428	No
105	GOM_TRA_1PNPDE20100829_210757_000000572092_00286_44428_9356.N1	29-AUG-2010 21:07:57	Twilight	56.500	151	13Mu Gem	2.8900	3000.0	113	44428	No
106	GOM_TRA_1PNPDE20100829_210941_000000482092_00286_44428_9357.N1	29-AUG-2010 21:09:41	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	44428	No
107	GOM_TRA_1PNPDE20100829_211107_000000392092_00286_44428_9358.N1	29-AUG-2010 21:11:07	Twilight	38.500	153	3Bet CMI	2.8940	13100.	77	44428	No

108	GOM_TRA_1PNPDE20100829_211403_000000602092_00286_44428_9359.N1	29-AUG-2010 21:14:03	Dark	60.000	14	58Alp Ori	0.87000	3000.0	120	44428	No
109	GOM_TRA_1PNPDE20100829_211916_000000522092_00286_44428_9372.N1	29-AUG-2010 21:19:16	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	44428	No
110	GOM_TRA_1PNPDE20100829_212304_000000512092_00286_44428_9373.N1	29-AUG-2010 21:23:04	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	44428	No
111	GOM_TRA_1PNPDE20100829_213803_000000532092_00287_44429_9374.N1	29-AUG-2010 21:38:03	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44429	No
112	GOM_TRA_1PNPDE20100829_214021_000000472092_00287_44429_9375.N1	29-AUG-2010 21:40:21	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44429	No
113	GOM_TRA_1PNPDE20100829_214619_000000502092_00287_44429_9376.N1	29-AUG-2010 21:46:19	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	44429	No
114	GOM_TRA_1PNPDE20100829_215237_000000512092_00287_44429_9377.N1	29-AUG-2010 21:52:37	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44429	No
115	GOM_TRA_1PNPDE20100829_215732_000000462092_00287_44429_9378.N1	29-AUG-2010 21:57:32	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44429	No
116	GOM_TRA_1PNPDE20100829_220042_000000402092_00287_44429_9379.N1	29-AUG-2010 22:00:42	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44429	No
117	GOM_TRA_1PNPDE20100829_220214_000000422092_00287_44429_9380.N1	29-AUG-2010 22:02:14	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44429	No
118	GOM_TRA_1PNPDE20100829_220515_000000392092_00287_44429_9381.N1	29-AUG-2010 22:05:15	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44429	No
119	GOM_TRA_1PNPDE20100829_221236_000000462092_00287_44429_9382.N1	29-AUG-2010 22:12:36	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44429	No
120	GOM_TRA_1PNPDE20100829_222017_000000402092_00287_44429_9383.N1	29-AUG-2010 22:20:17	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44429	No
121	GOM_TRA_1PNPDE20100829_222323_000000442092_00287_44429_9384.N1	29-AUG-2010 22:23:23	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44429	No
122	GOM_TRA_1PNPDE20100829_222533_000000472092_00287_44429_9385.N1	29-AUG-2010 22:25:33	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44429	No
123	GOM_TRA_1PNPDE20100829_224049_000000452092_00287_44429_9386.N1	29-AUG-2010 22:40:49	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	44429	No
124	GOM_TRA_1PNPDE20100829_224334_000000462092_00287_44429_9387.N1	29-AUG-2010 22:43:34	Bright	46.000	107	37The Aur	2.6490	11000.	92	44429	No
125	GOM_TRA_1PNPDE20100829_224546_000000362092_00287_44429_9388.N1	29-AUG-2010 22:45:46	Bright	35.500	17	78Bet Gem	1.1610	4500.0	71	44429	No
126	GOM_TRA_1PNPDE20100829_224834_000000542092_00287_44429_9389.N1	29-AUG-2010 22:48:34	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44429	No
127	GOM_TRA_1PNPDE20100829_225017_000000452092_00287_44429_9390.N1	29-AUG-2010 22:50:17	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	44429	No
128	GOM_TRA_1PNPDE20100829_225143_000000402092_00287_44429_9391.N1	29-AUG-2010 22:51:43	Twilight	40.000	153	3Bet CMi	2.8940	13100.	80	44429	No
129	GOM_TRA_1PNPDE20100829_225440_000000702092_00287_44429_9392.N1	29-AUG-2010 22:54:40	Dark	69.500	14	58Alp Ori	0.87000	3000.0	139	44429	No
130	GOM_TRA_1PNPDE20100829_225952_000000482092_00287_44429_9390.N1	29-AUG-2010 22:59:52	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	44429	No
131	GOM_TRA_1PNPDE20100829_230341_000000532092_00287_44429_9391.N1	29-AUG-2010 23:03:41	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	44429	No
132	GOM_TRA_1PNPDE20100829_231841_000000542092_00288_44430_9392.N1	29-AUG-2010 23:18:41	Dark	53.500	157	The1Eri	2.9060	9300.0	107	44430	No
133	GOM_TRA_1PNPDE20100829_232057_000000442092_00288_44430_9393.N1	29-AUG-2010 23:20:57	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44430	No
134	GOM_TRA_1PNPDE20100829_232655_000000572092_00288_44430_9394.N1	29-AUG-2010 23:26:55	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	44430	No
135	GOM_TRA_1PNPDE20100829_233313_000000452092_00288_44430_9395.N1	29-AUG-2010 23:33:13	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44430	No
136	GOM_TRA_1PNPDE20100829_233808_000000482092_00288_44430_9396.N1	29-AUG-2010 23:38:08	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	44430	No
137	GOM_TRA_1PNPDE20100829_234118_000000392092_00288_44430_9397.N1	29-AUG-2010 23:41:18	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44430	No
138	GOM_TRA_1PNPDE20100829_234250_000000422092_00288_44430_9398.N1	29-AUG-2010 23:42:50	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44430	No
139	GOM_TRA_1PNPDE20100829_234551_000000412092_00288_44430_9399.N1	29-AUG-2010 23:45:51	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44430	No
140	GOM_TRA_1PNPDE20100829_235312_000000442092_00288_44430_9400.N1	29-AUG-2010 23:53:12	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44430	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).

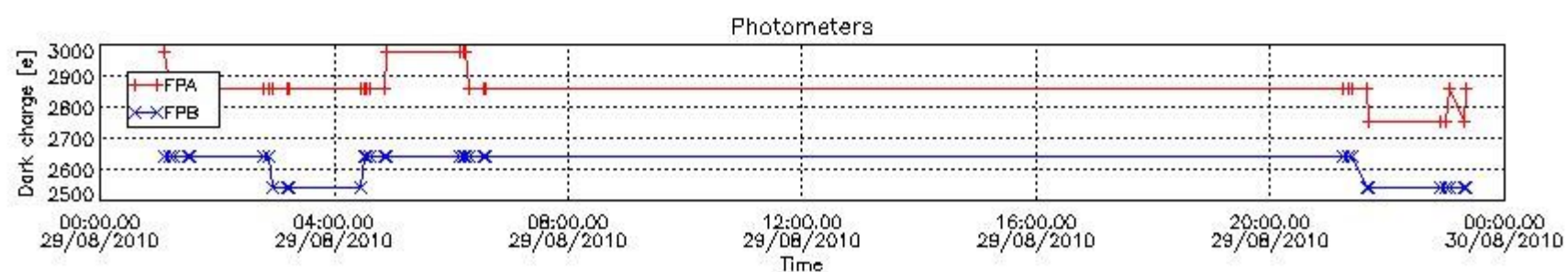
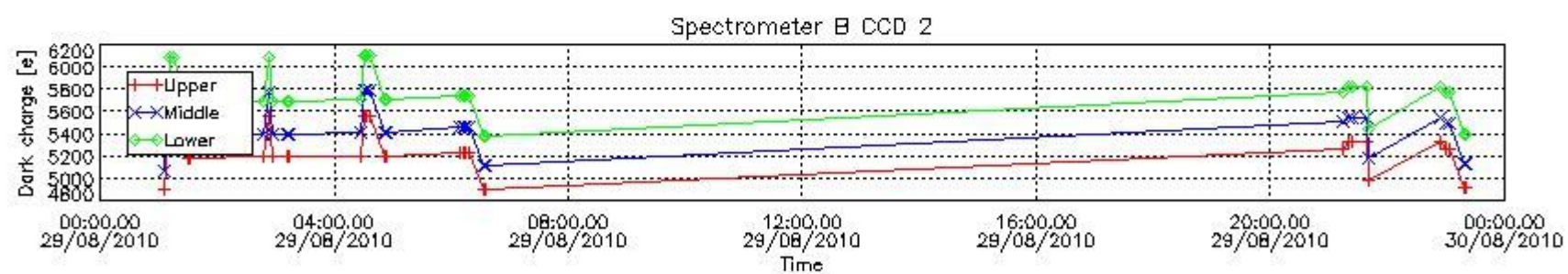
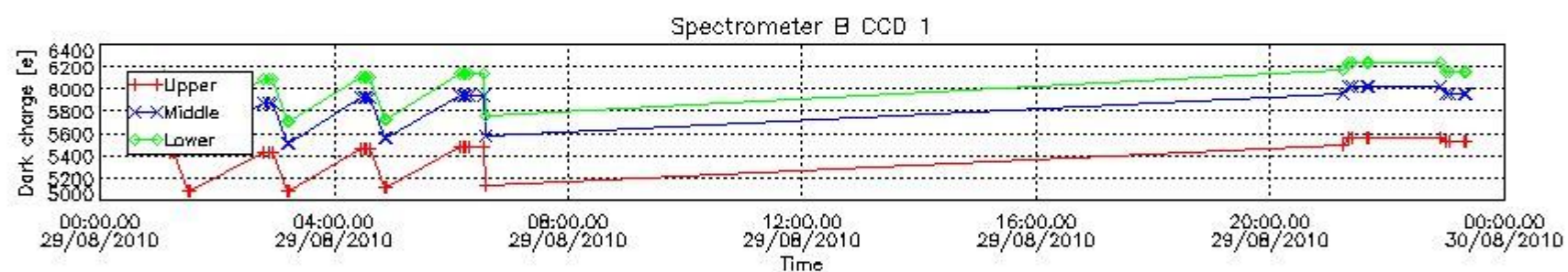
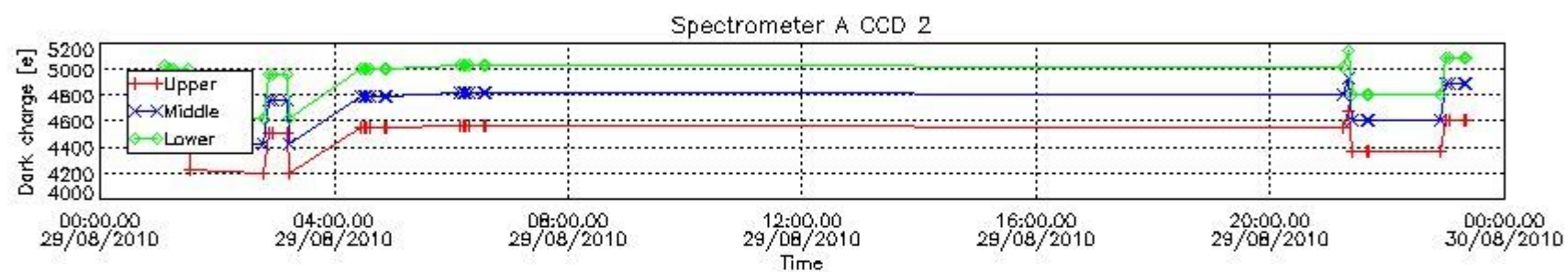
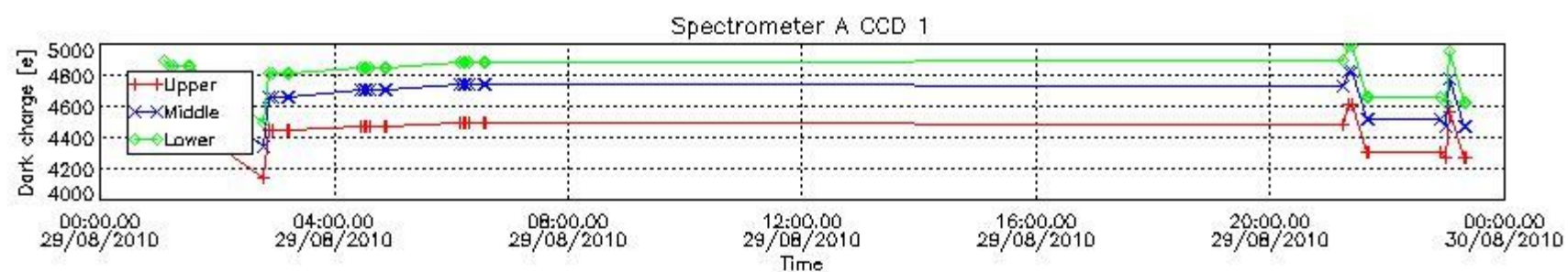
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20100829_200542_000000612092_00286_44428_9343.N1	DC map used
GOM_TRA_1PNPDE20100829_201201_000000502092_00286_44428_9344.N1	DC map used
GOM_TRA_1PNPDE20100829_201656_000000482092_00286_44428_9345.N1	DC map used
GOM_TRA_1PNPDE20100829_202006_000000392092_00286_44428_9346.N1	DC map used
GOM_TRA_1PNPDE20100829_202138_000000422092_00286_44428_9347.N1	DC map used
GOM_TRA_1PNPDE20100829_202439_000000412092_00286_44428_9348.N1	DC map used
GOM_TRA_1PNPDE20100829_203201_000000432092_00286_44428_9349.N1	DC map used
GOM_TRA_1PNPDE20100829_203941_000000362092_00286_44428_9350.N1	DC map used
GOM_TRA_1PNPDE20100829_204247_000000472092_00286_44428_9351.N1	DC map used
GOM_TRA_1PNPDE20100829_204457_000000492092_00286_44428_9352.N1	DC map used
GOM_TRA_1PNPDE20100829_210013_000000462092_00286_44428_9353.N1	DC map used
GOM_TRA_1PNPDE20100829_210259_000000492092_00286_44428_9354.N1	DC map used
GOM_TRA_1PNPDE20100829_210511_000000532092_00286_44428_9355.N1	DC map used
GOM_TRA_1PNPDE20100829_210757_000000572092_00286_44428_9356.N1	DC map used

GOM_TRA_1PNPDE20100829_210941_000000482092_00286_44428_9357.N1	DC map used
GOM_TRA_1PNPDE20100829_211107_000000392092_00286_44428_9358.N1	DC map used
GOM_TRA_1PNPDE20100829_211403_000000602092_00286_44428_9359.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

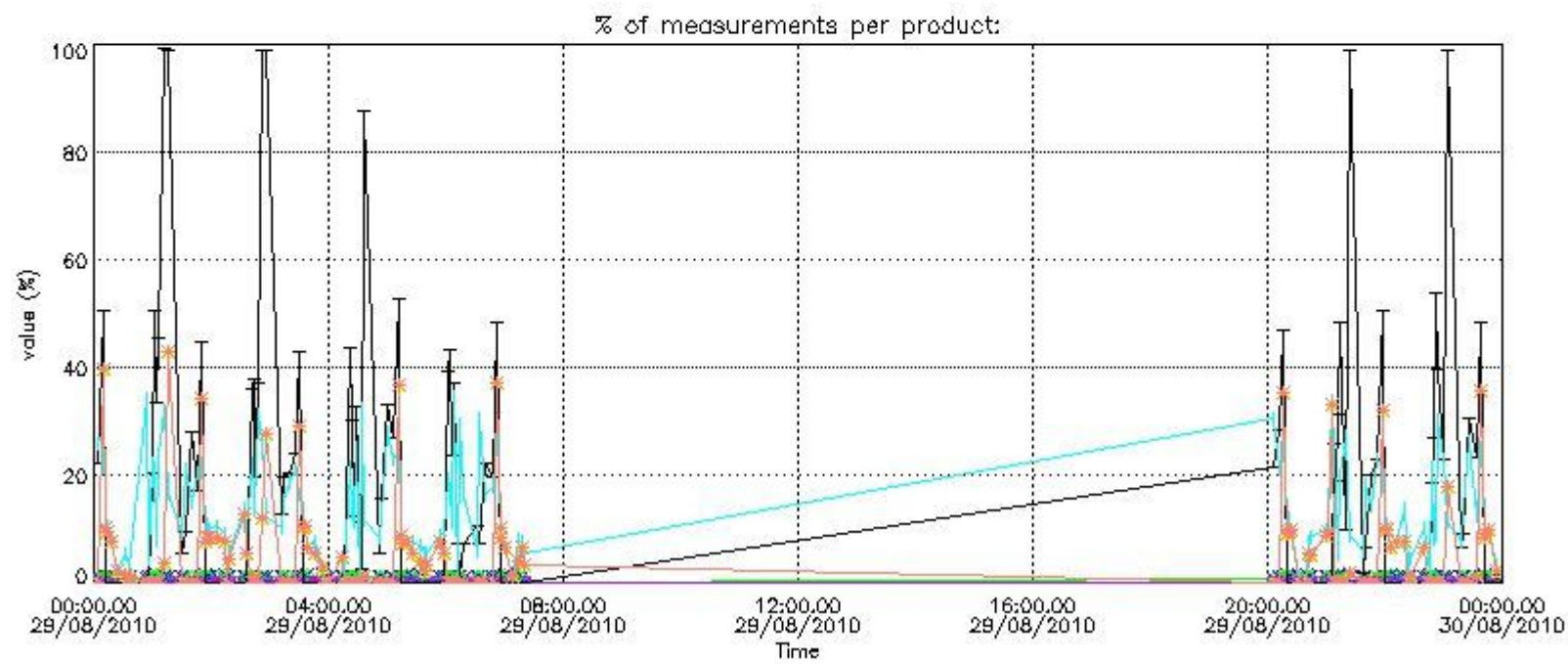
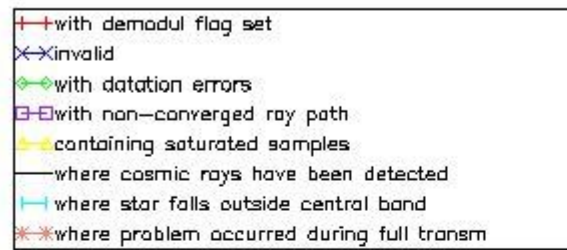


(error flag in the MPH set to "0") are used.

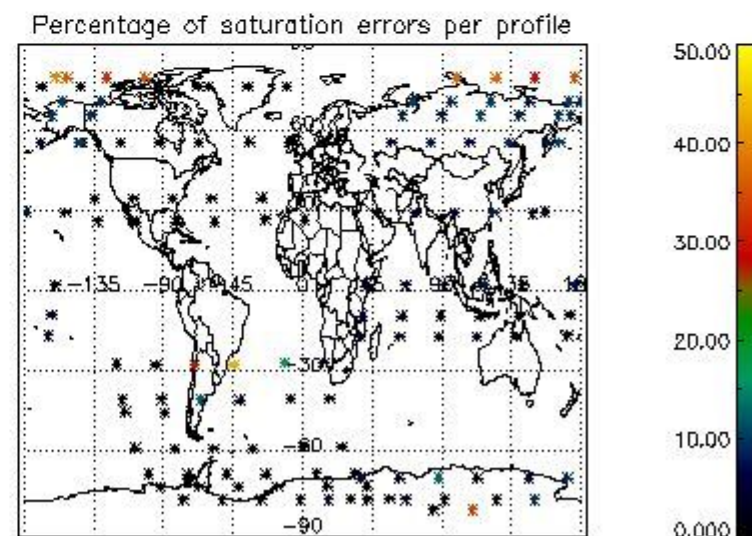
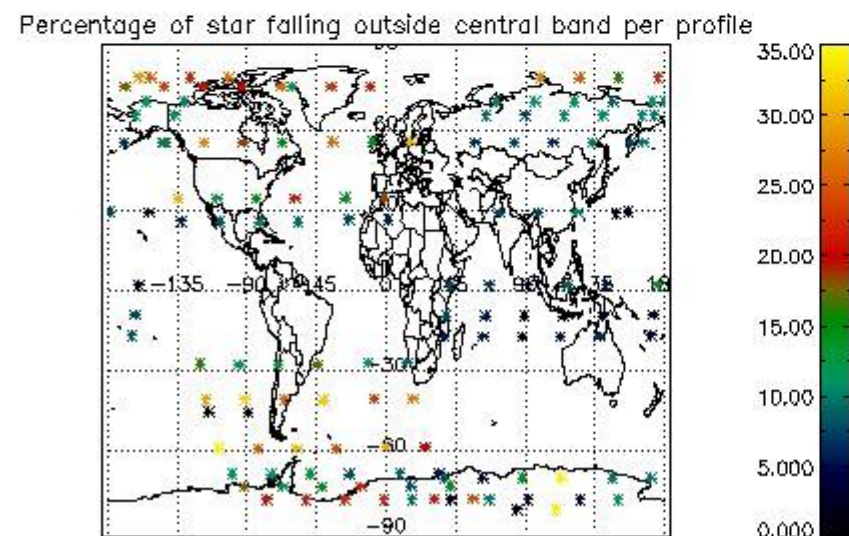
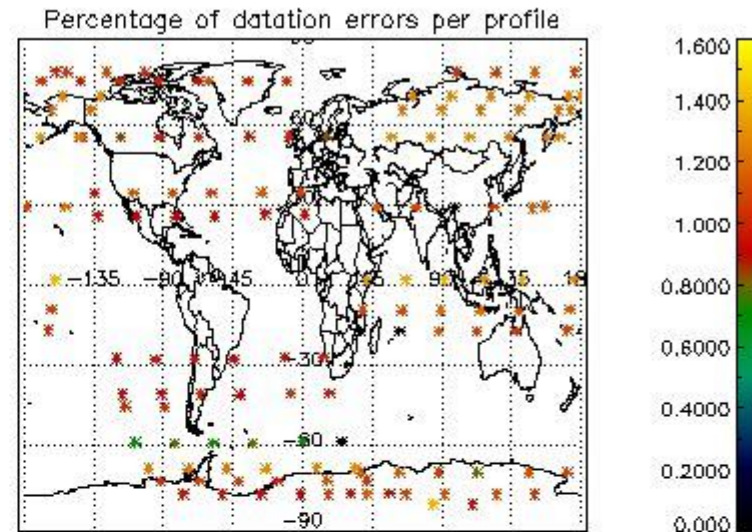
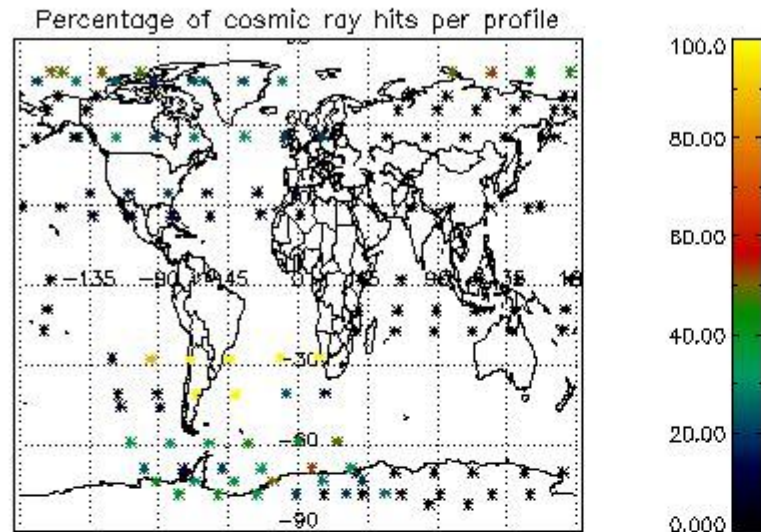
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	38.5714 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



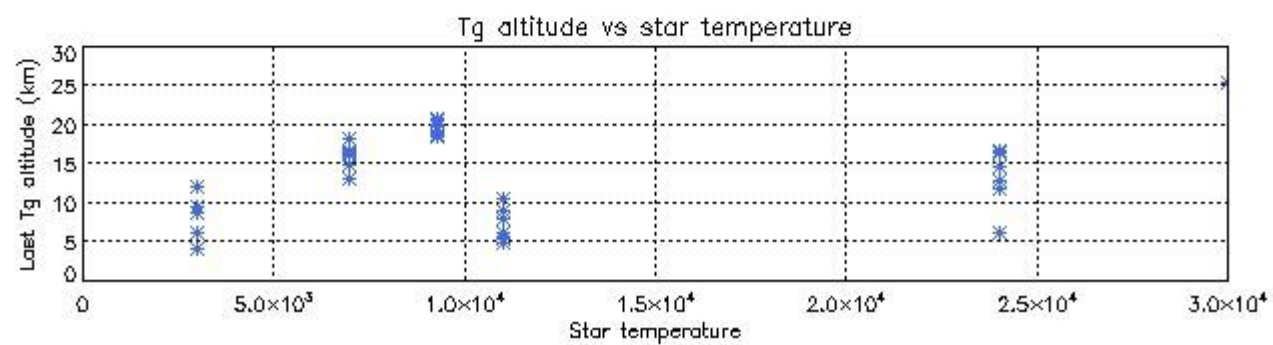
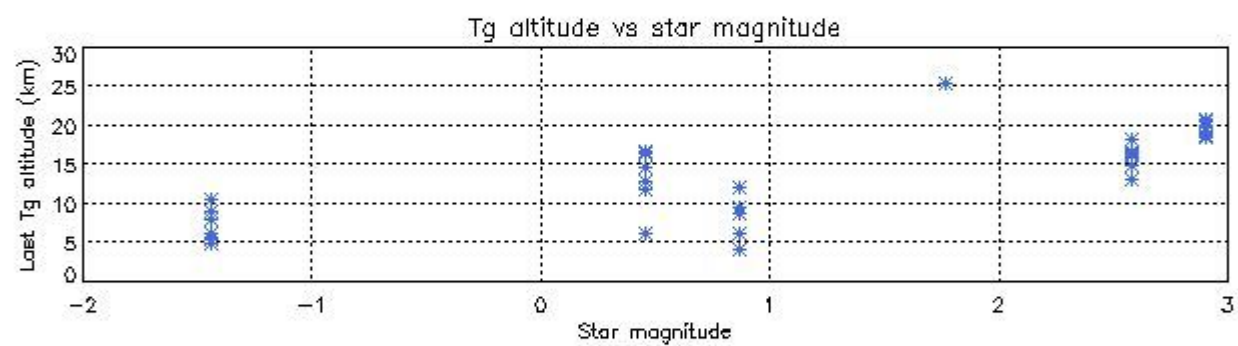
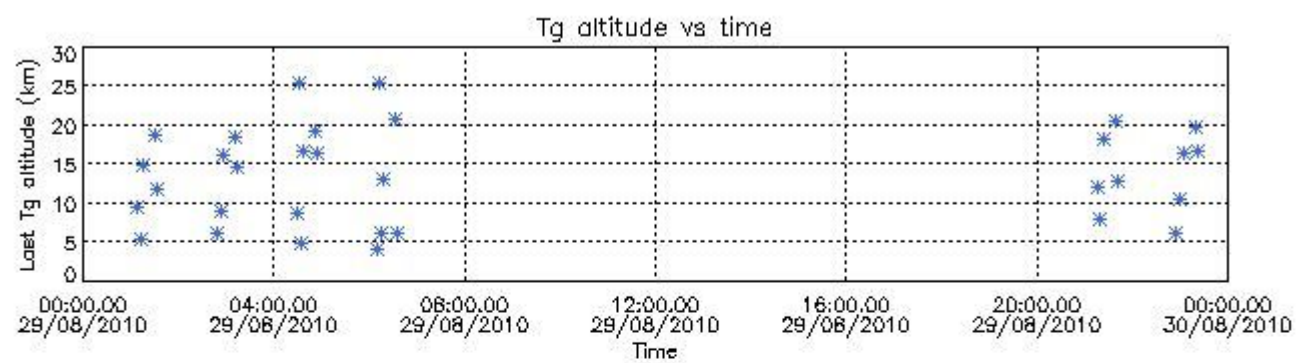
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.504	18.480	16.249
St. deviation:	6.0202	4.8690	1.5731
Maximum:	25.354	28.809	18.612
Minimum:	4.0341	4.2680	14.524
Number of data:	32.000	75.000	6.0000

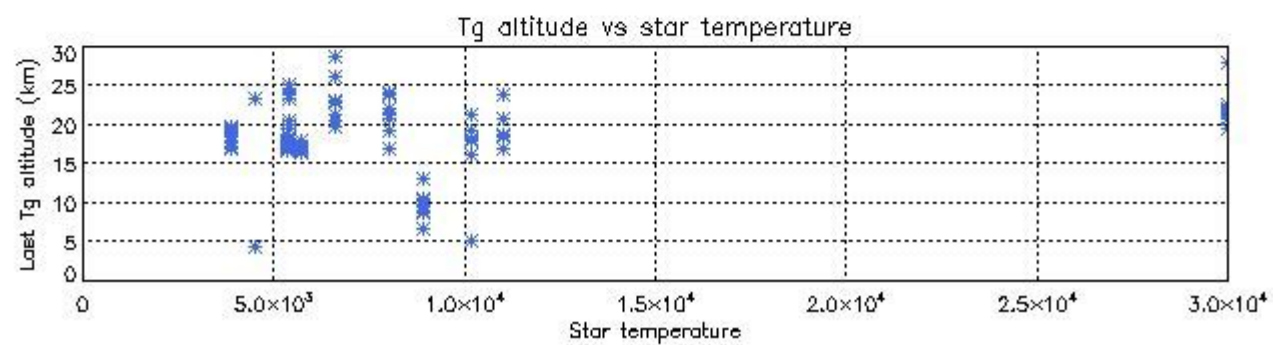
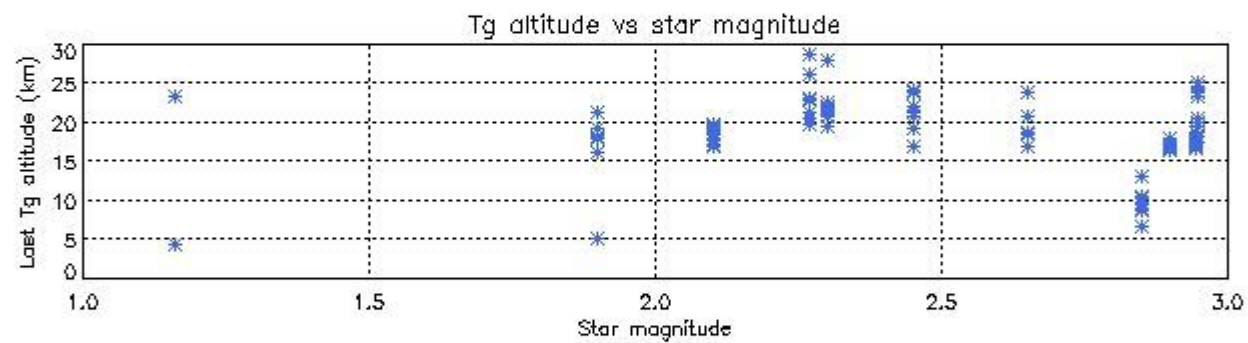
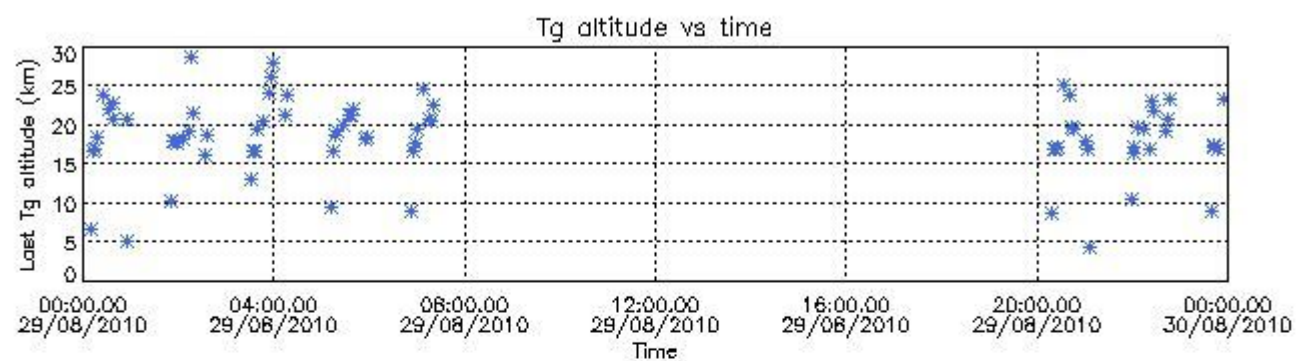
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



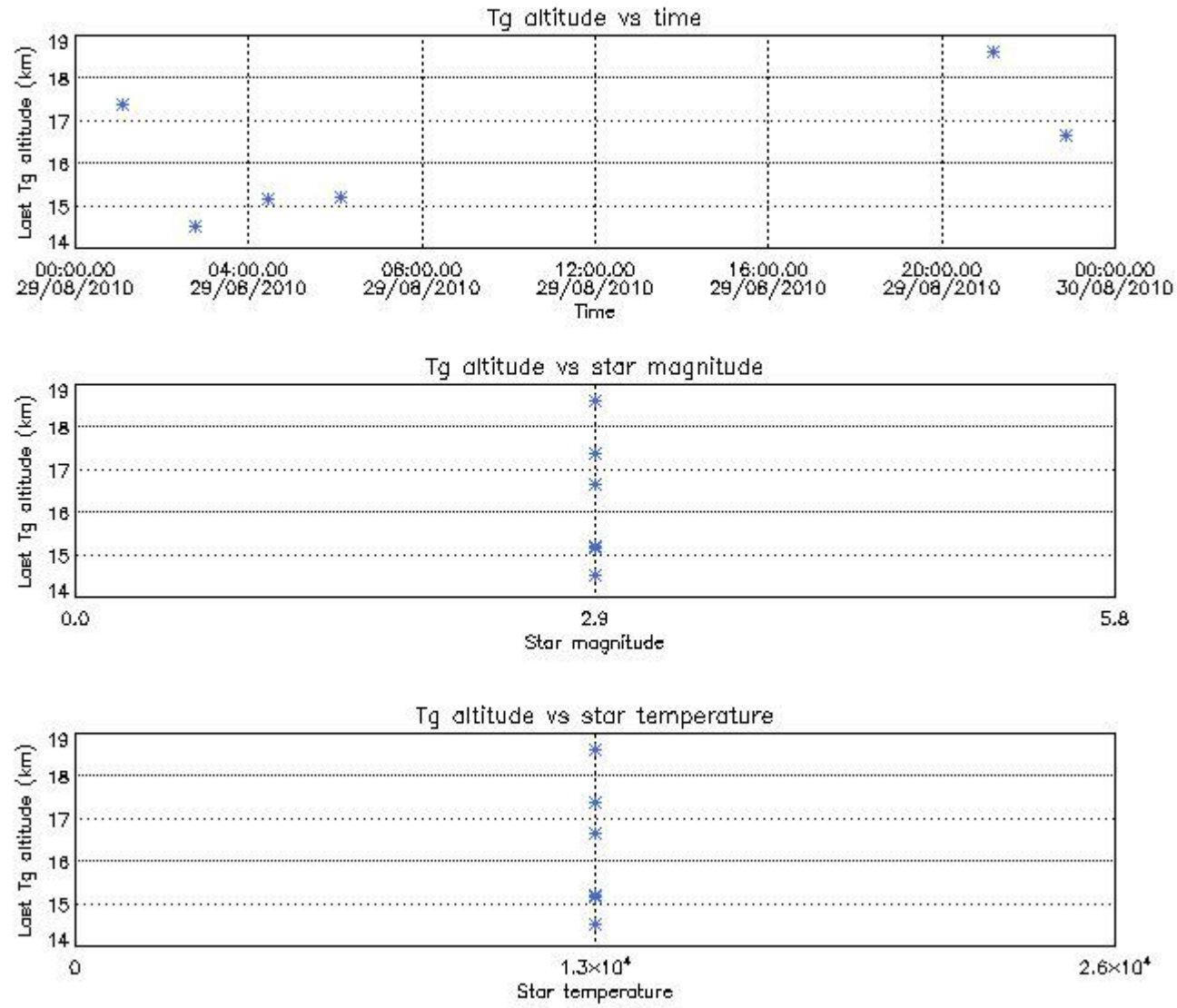
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

## Tangent altitude at which the star is lost

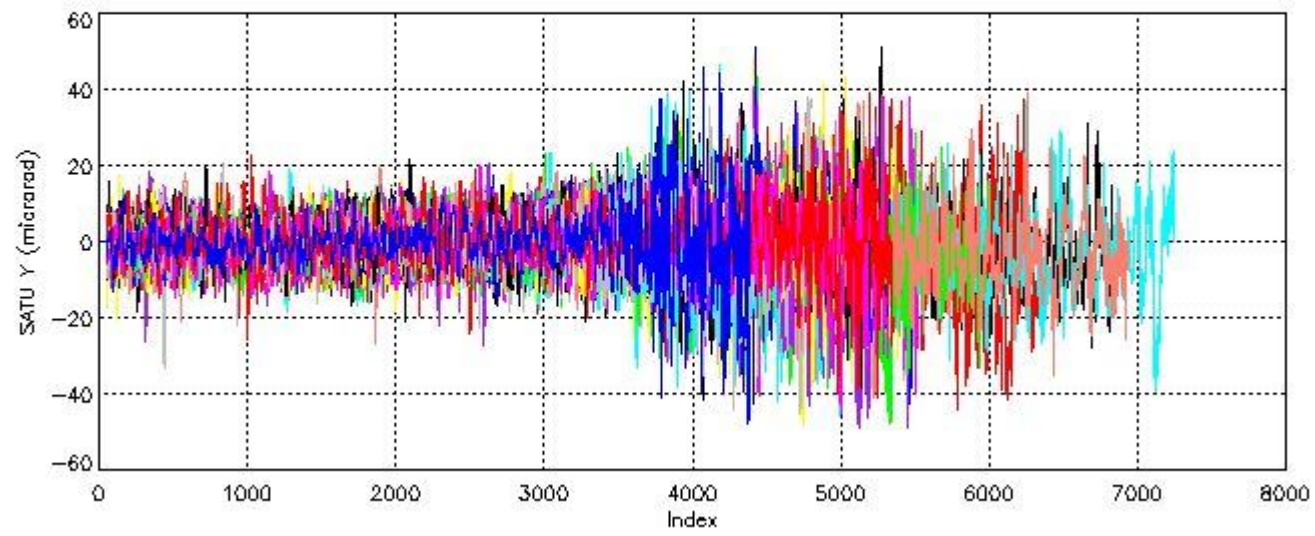
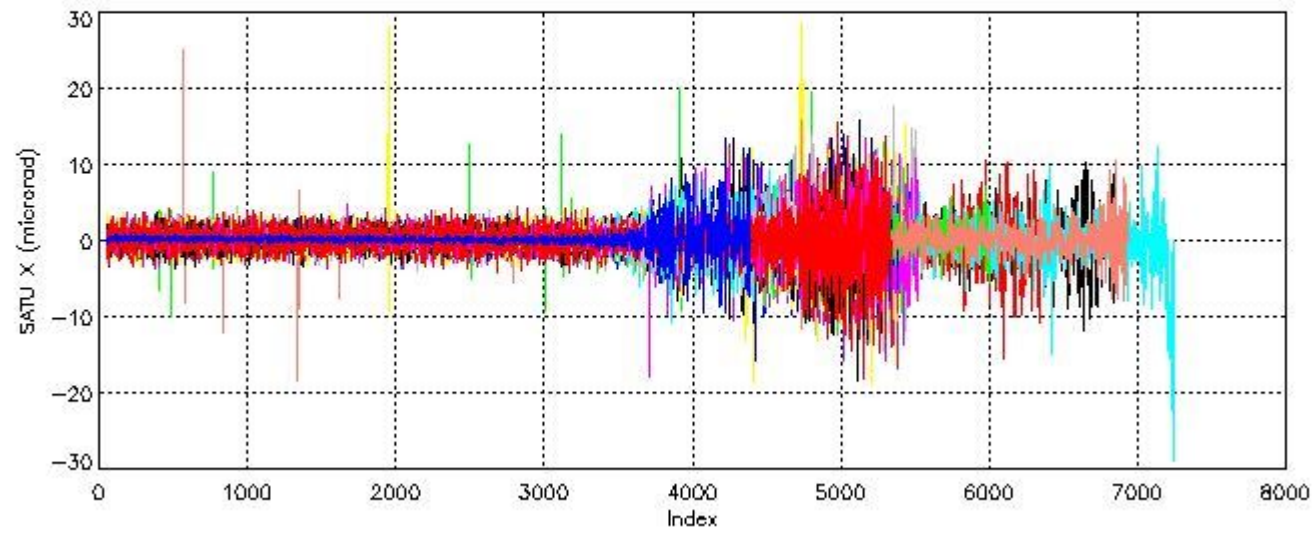


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.18819	-0.71135	0.20955	-0.56812
St. deviation:	0.58197	4.6878	0.82968	4.4040
Maximum:	24.900	22.700	4.6000	18.600
Minimum:	-12.100	-32.900	-4.5000	-25.200

Number of data:	36100.	36100.	74450.	74450.
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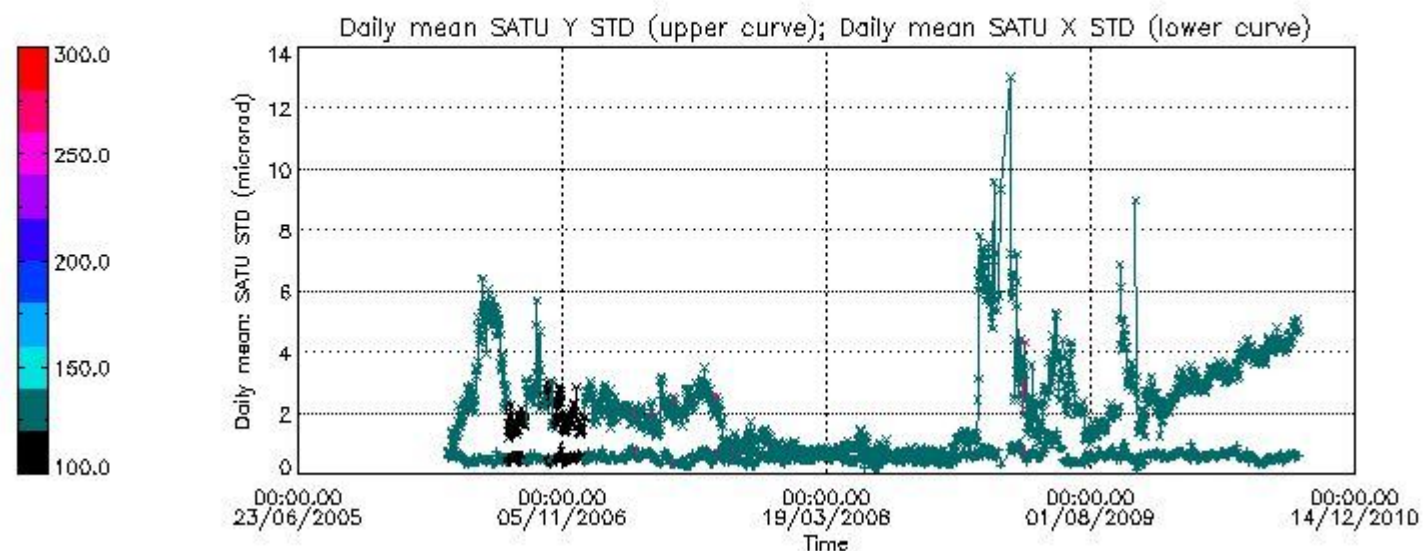
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

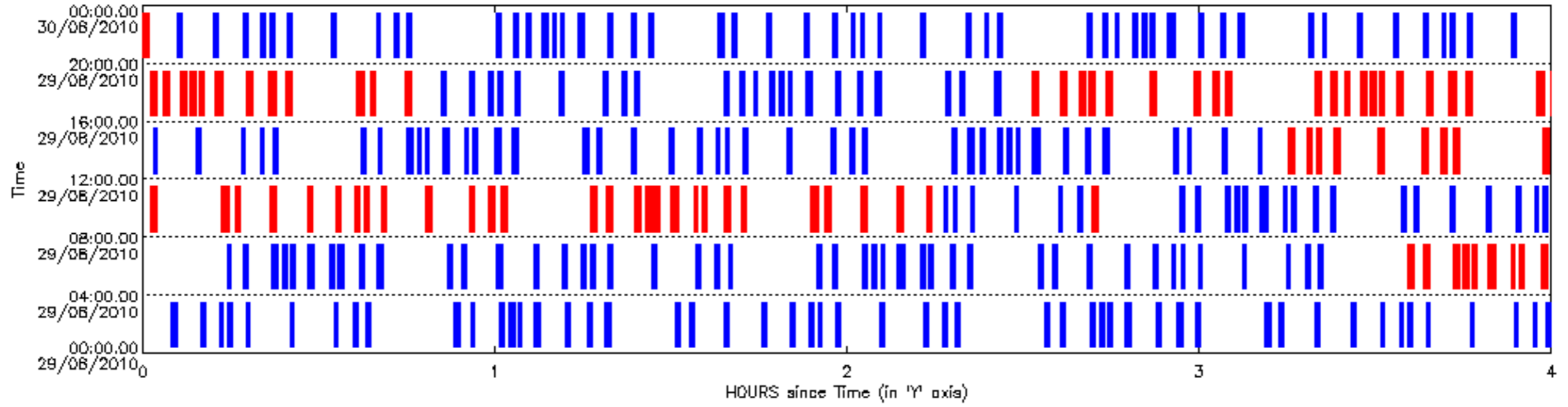
Lower curve: STD of SATU X axis



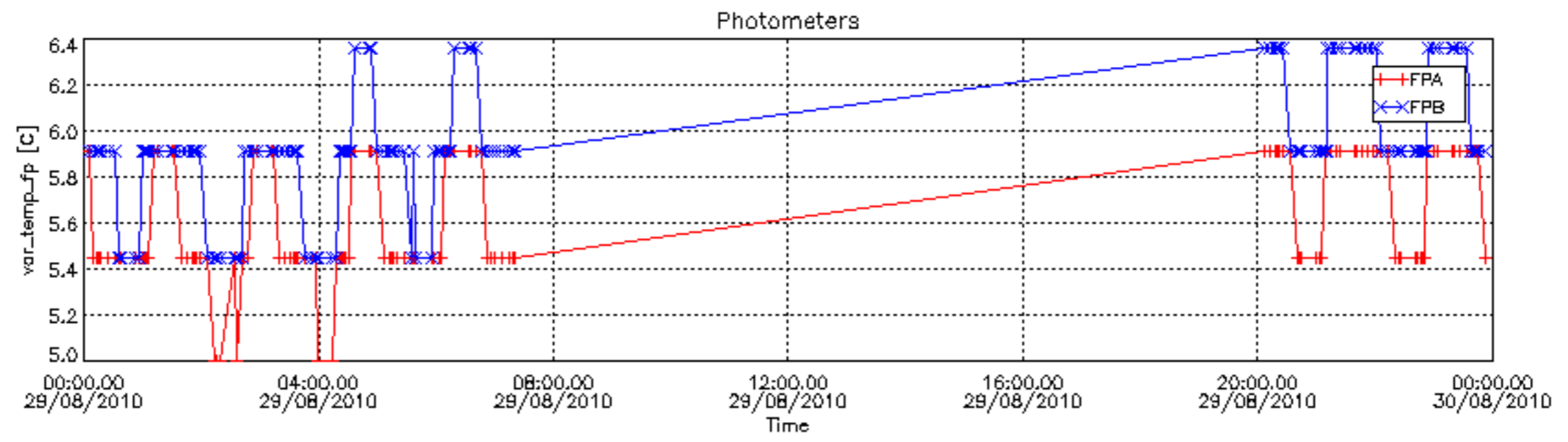
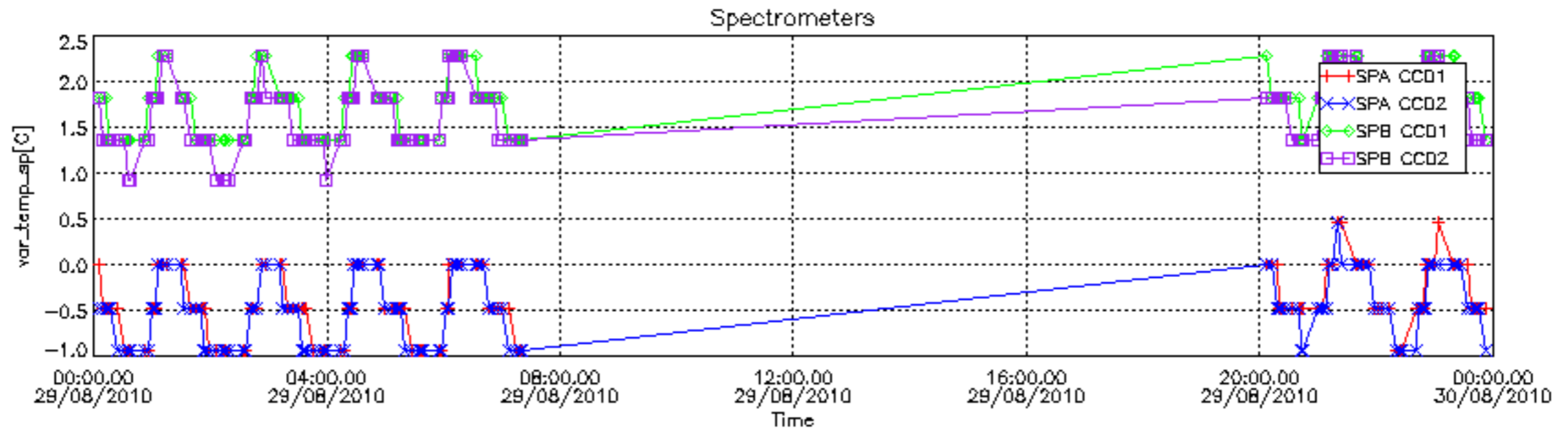
### 8. Auxiliary Data Files used for the production reported in section 2.4

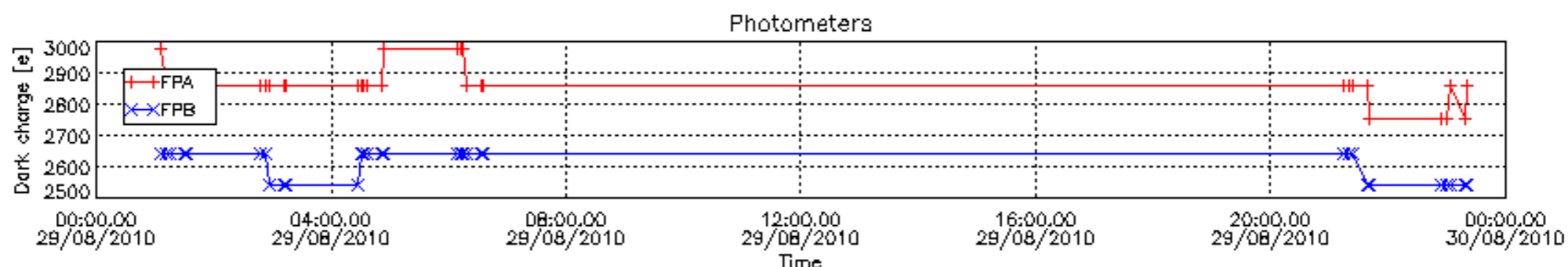
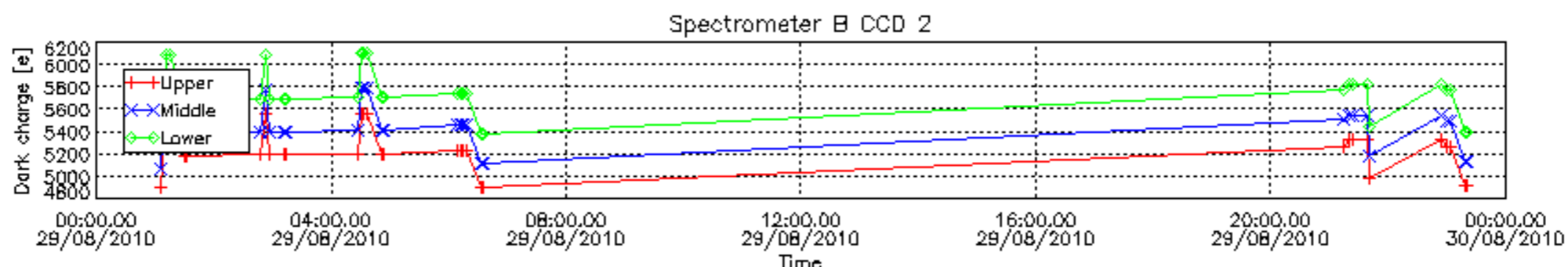
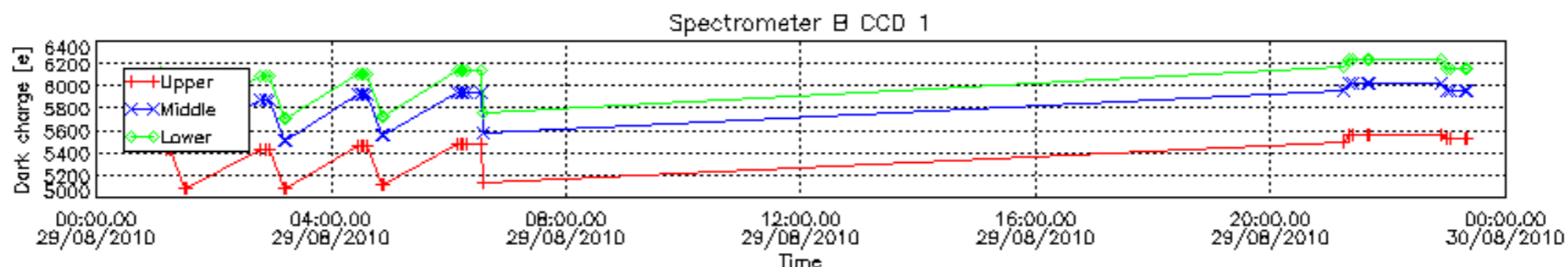
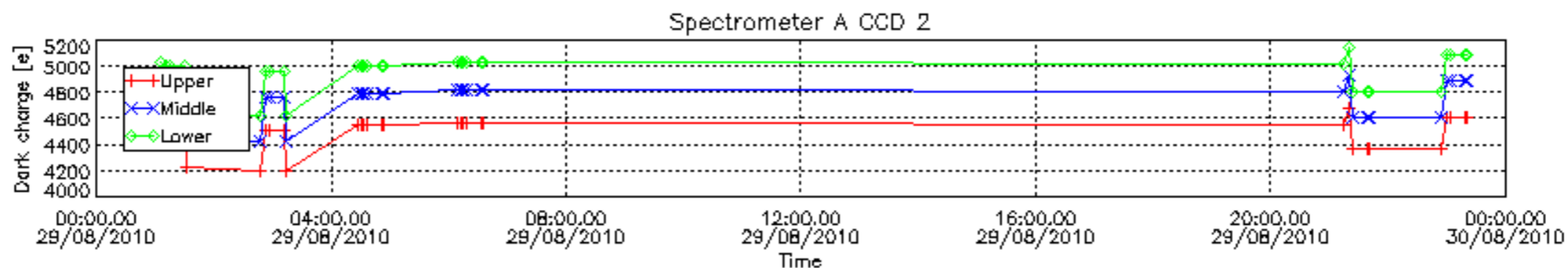
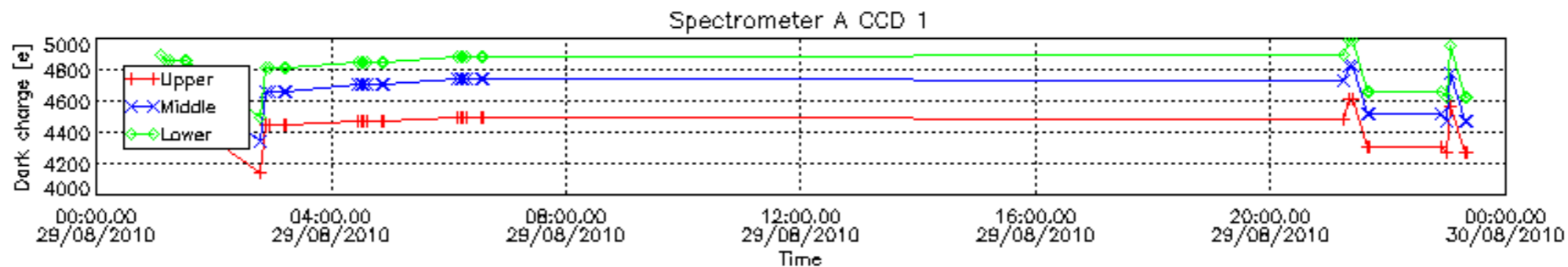
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
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LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	29-AUG-2010 00:04:46
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	29-AUG-2010 00:04:46
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	29-AUG-2010 00:04:46
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ECMWF_FILE	AUX_ECF_AXNECM20100829_054113_20100829_150000_20100830_030000	92	29-AUG-2010 20:05:42
ECMWF_FILE	AUX_ECF_AXNECM20100829_054113_20100829_210000_20100830_090000	109	29-AUG-2010 21:19:16
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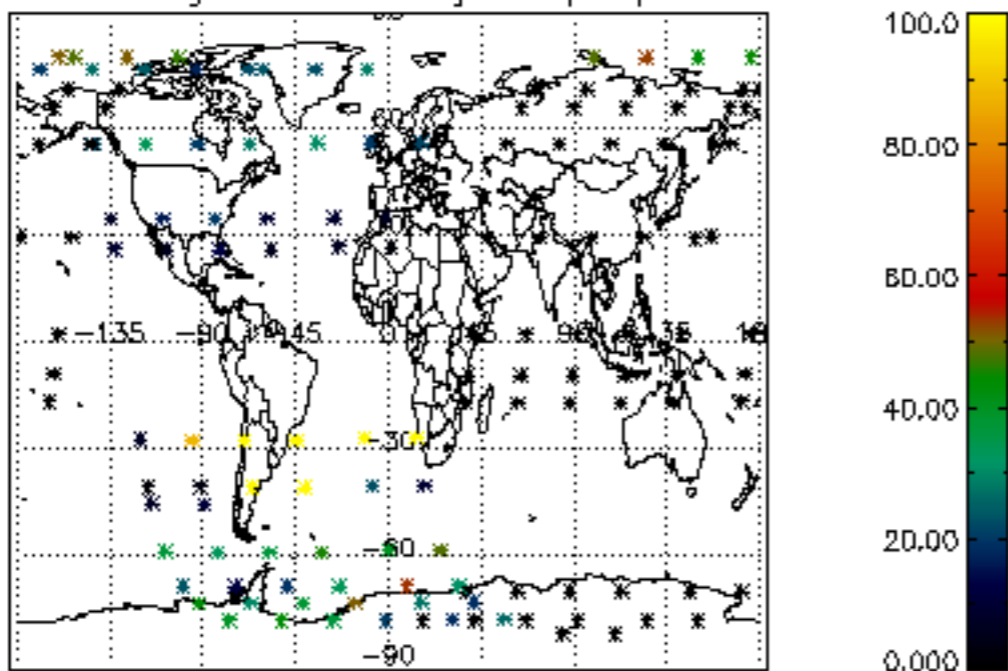




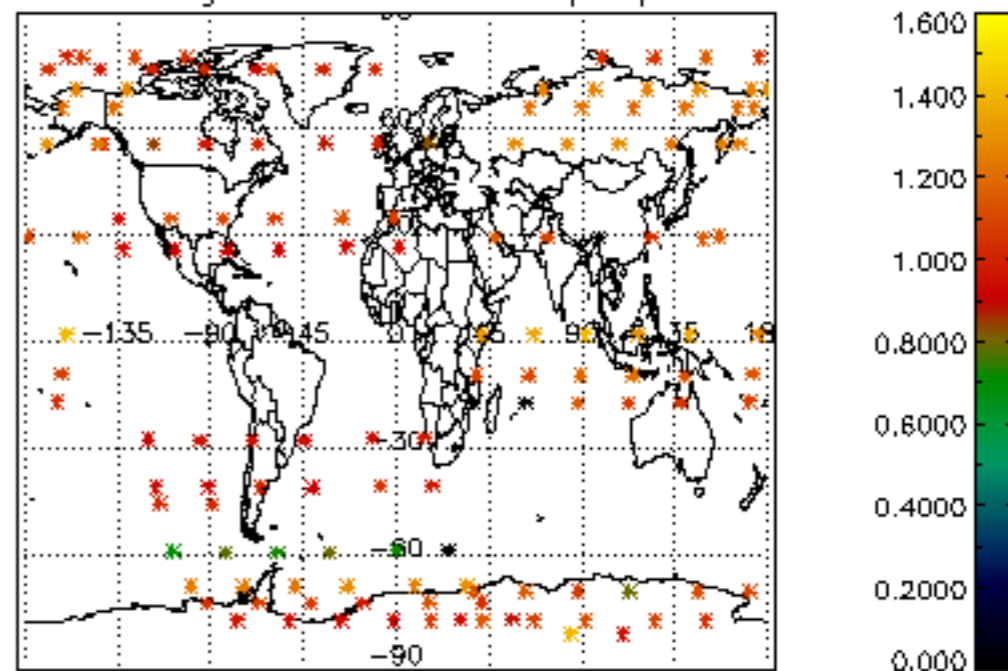




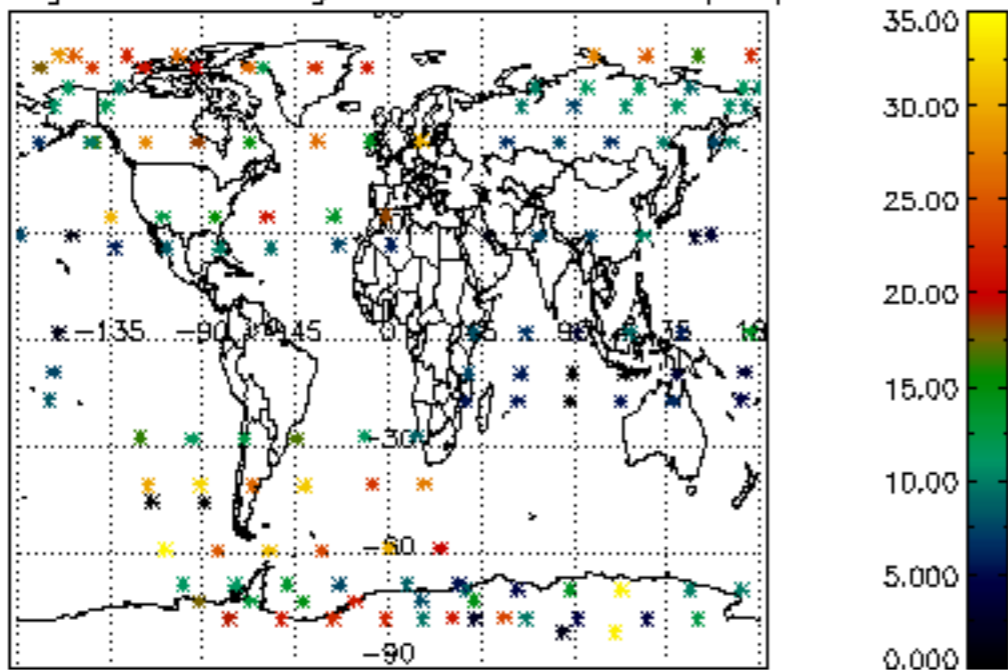
Percentage of cosmic ray hits per profile



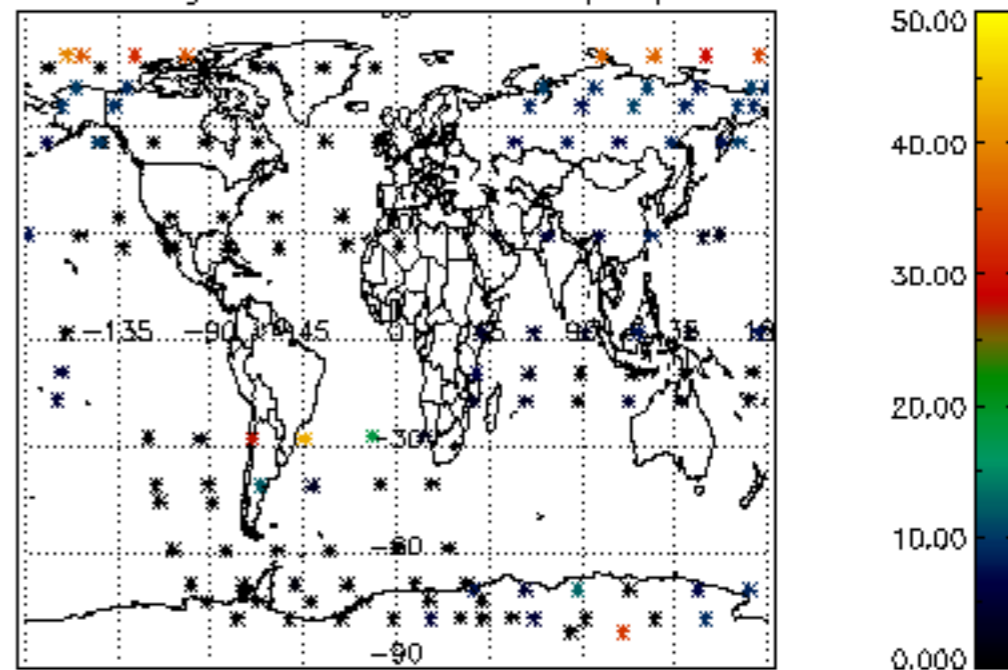
Percentage of datation errors per profile



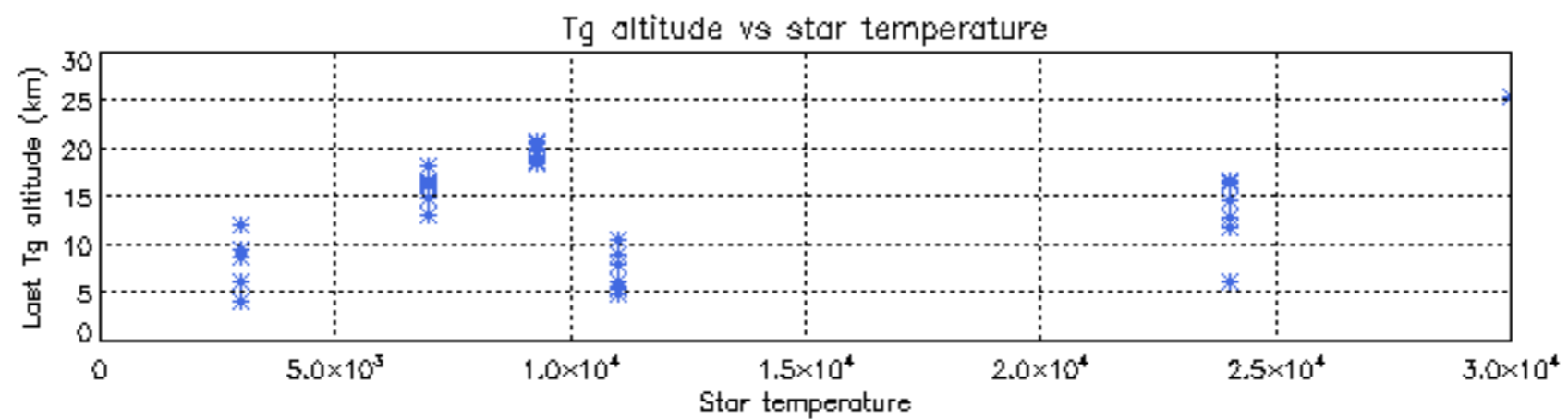
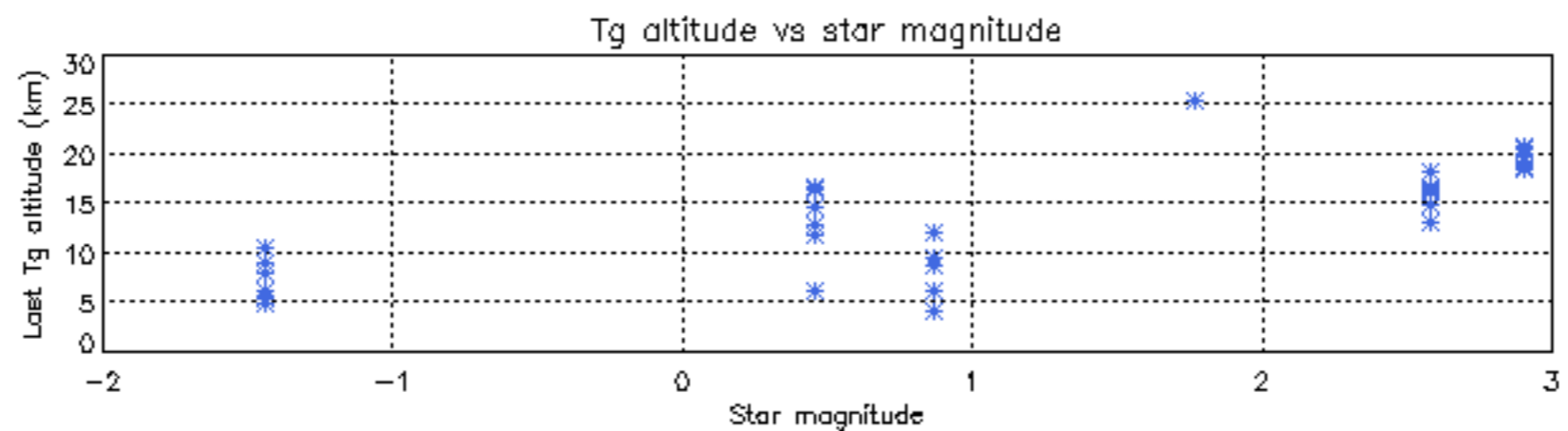
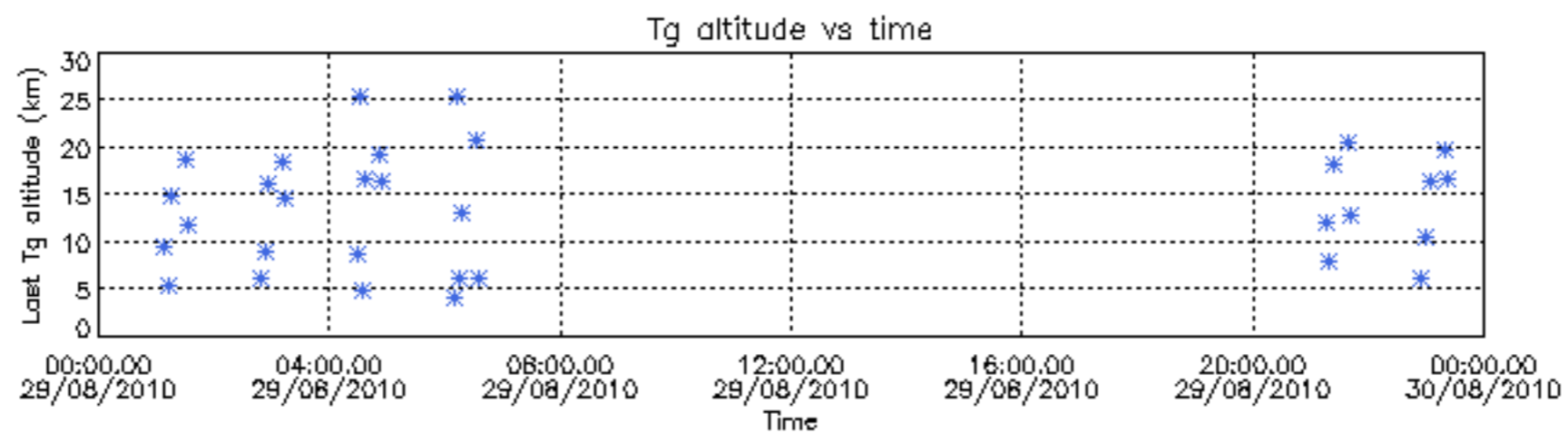
Percentage of star falling outside central band per profile



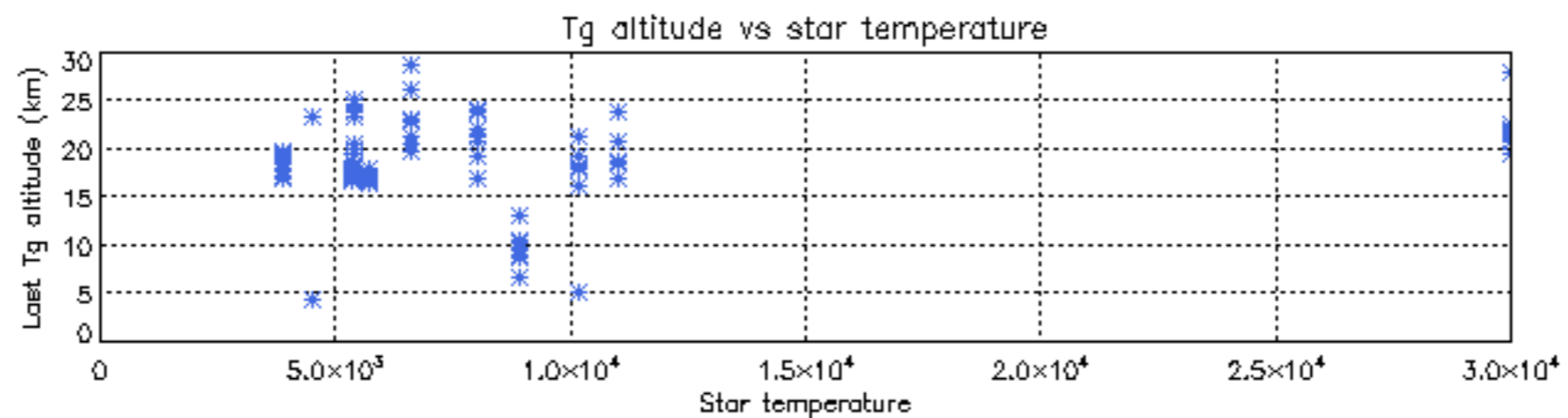
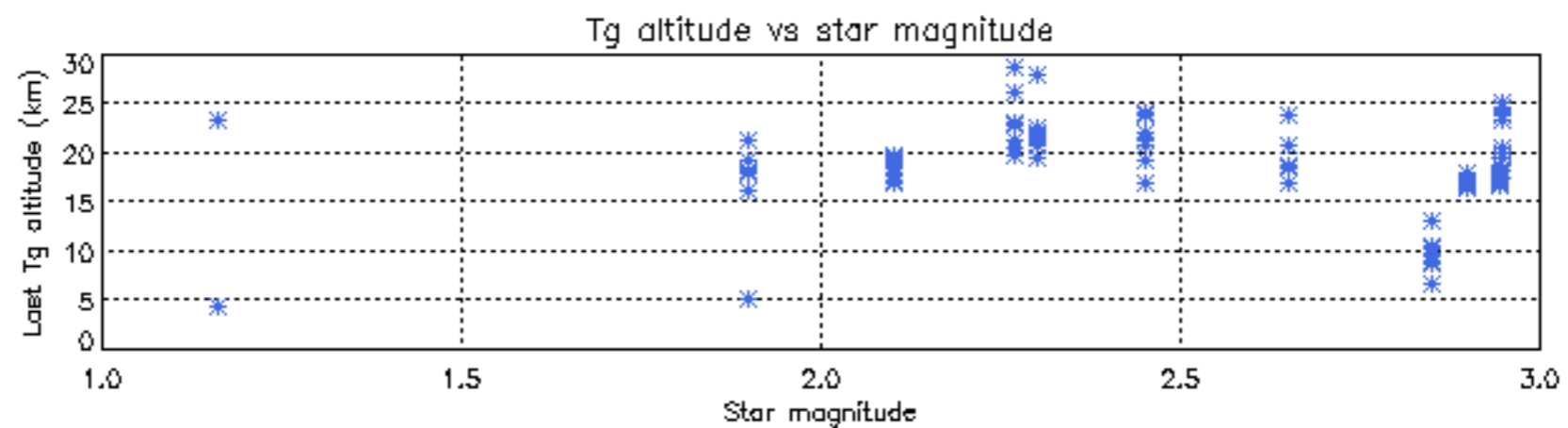
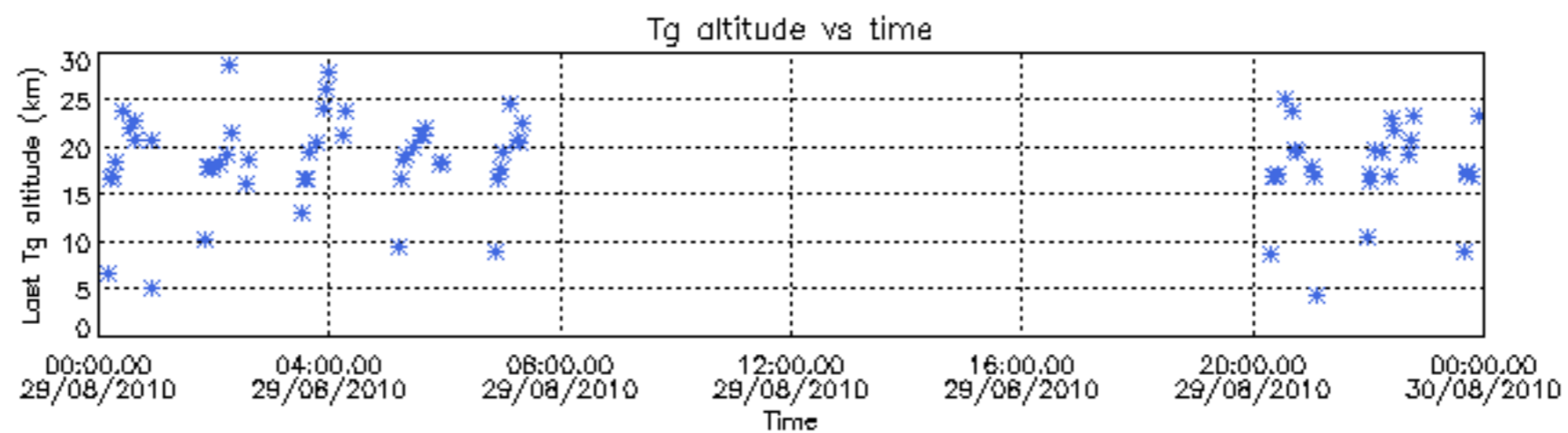
Percentage of saturation errors per profile



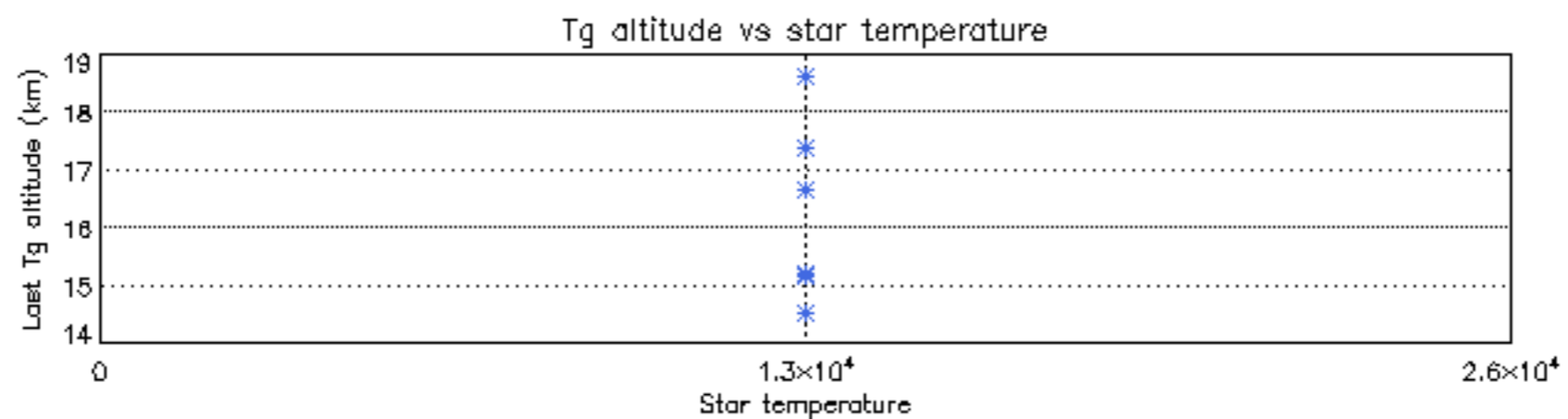
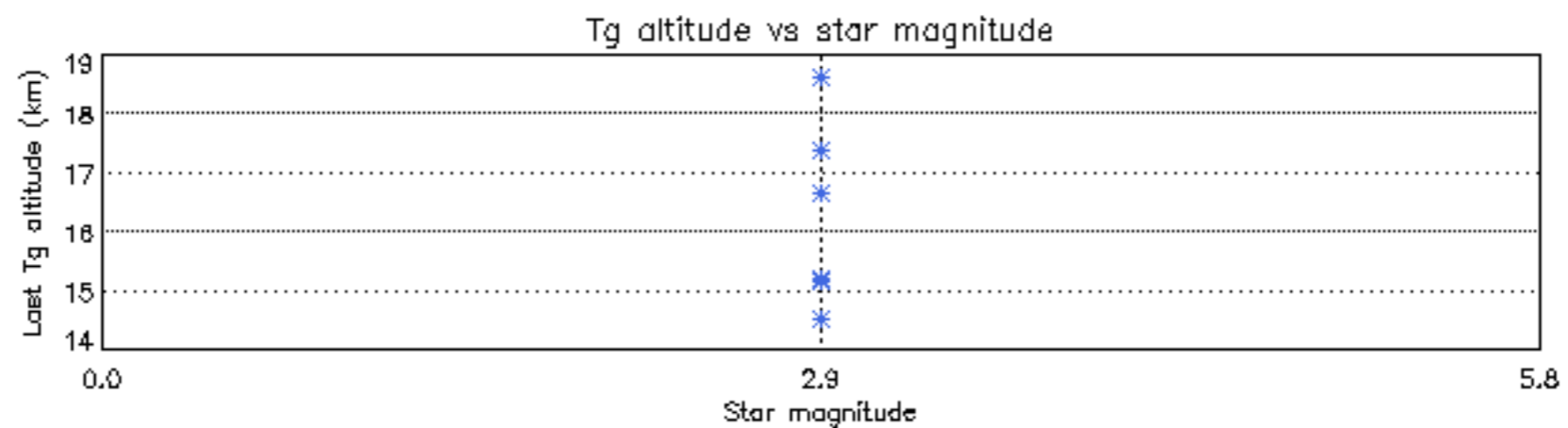
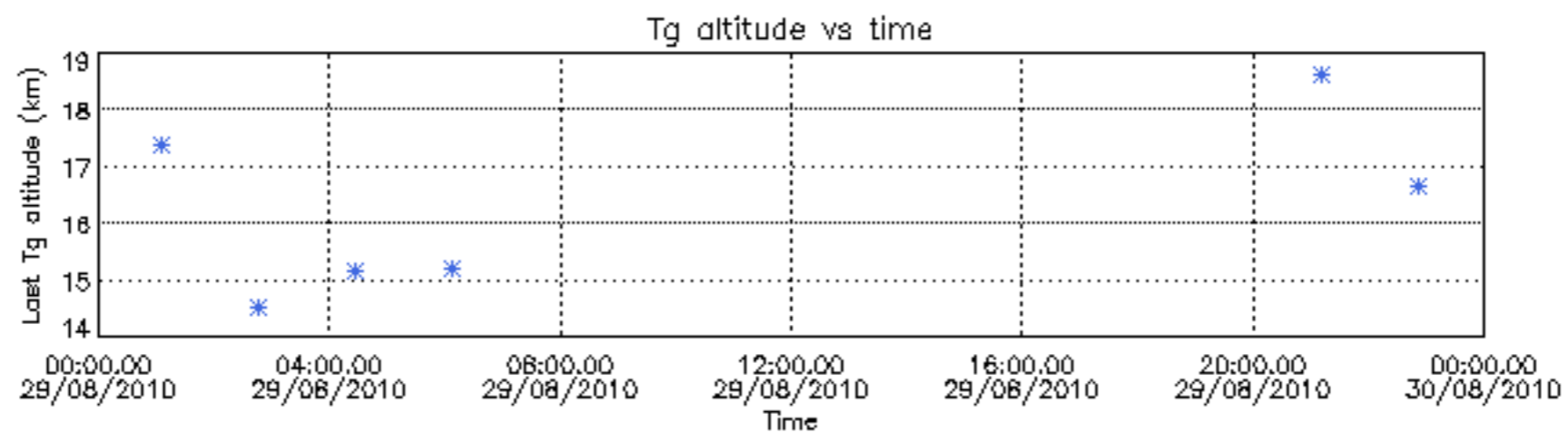
Tangent altitude at which the star is lost

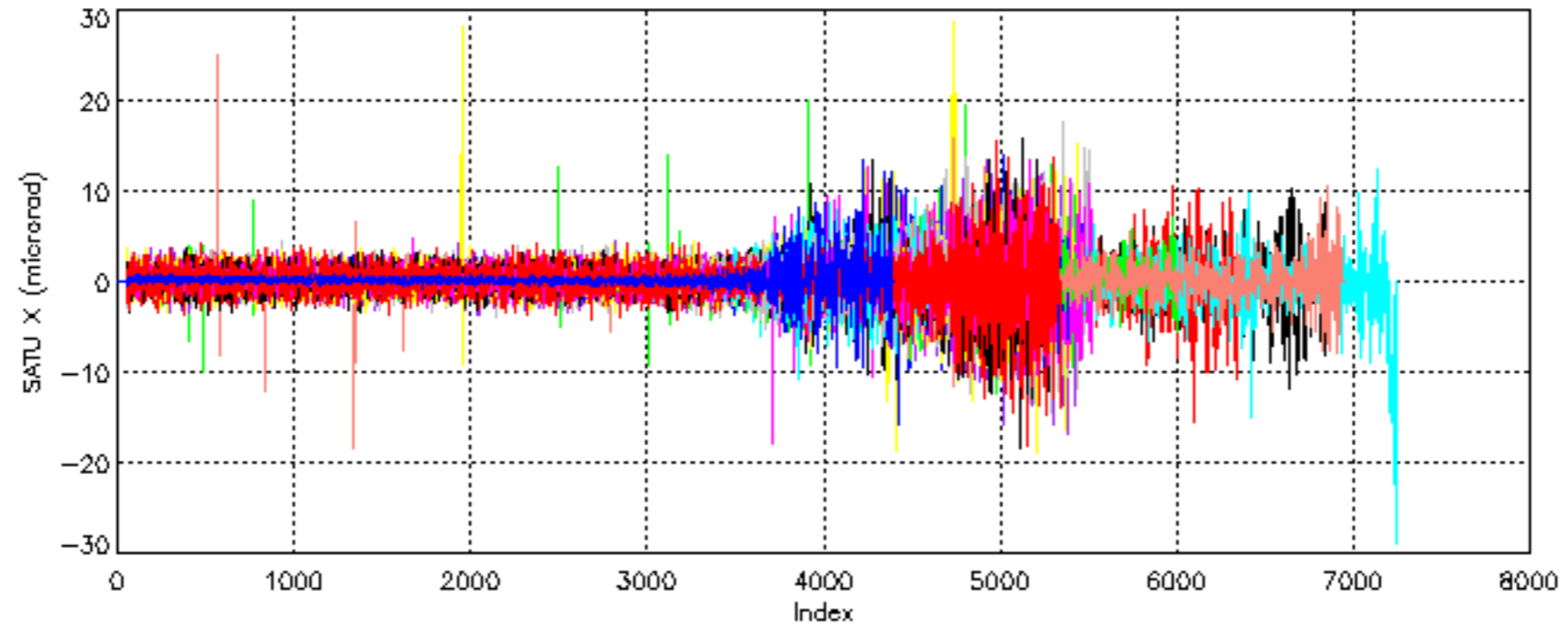


Tangent altitude at which the star is lost

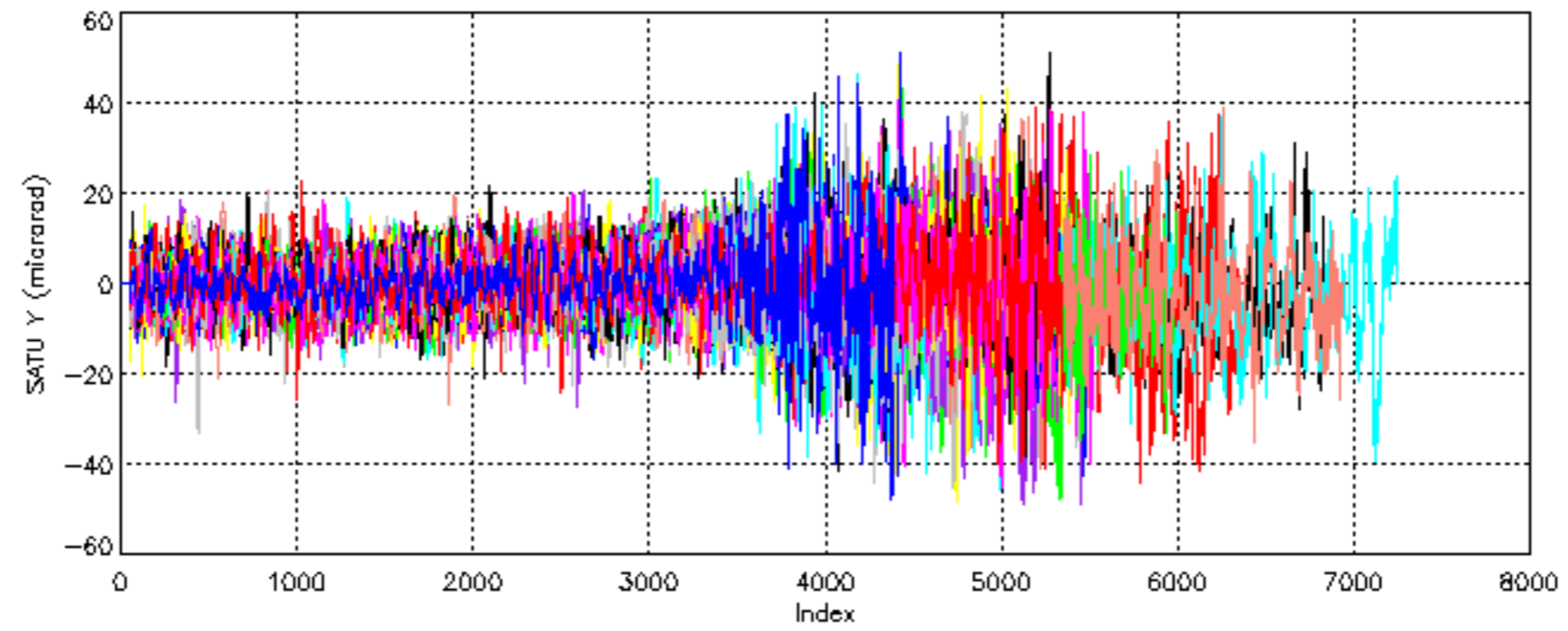


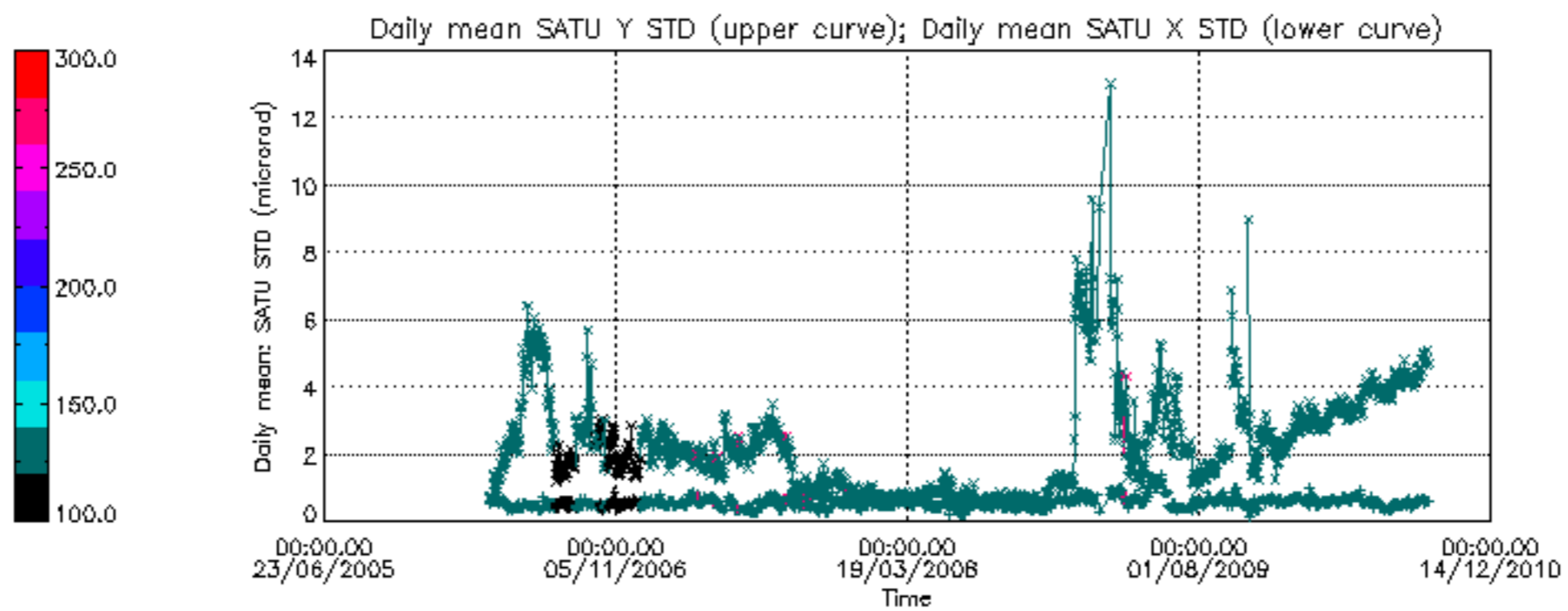
Tangent altitude at which the star is lost











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8; 4110.8; 09-AUG-2010 09:43:06; Bright; 40.0; 175; 39Del Per ; 3.01; 19400;occ; 80; 0;44135  
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6; 3512.0; 09-AUG-2010 12:54:19; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44137  
7; 3592.6; 09-AUG-2010 12:55:39; Bright; 25.0; 110; 37Del Cas ; 2.68; 8900;occ; 50; 0;44137  
8; 4110.3; 09-AUG-2010 13:04:17; Bright; 35.0; 175; 39Del Per ; 3.01; 19400;occ; 70; 0;44137  
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12; 4667.1; 09-AUG-2010 13:13:34; Dark ; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;44137  
13; 4842.9; 09-AUG-2010 13:16:29; Dark ; 64.5; 13; 87Alp Tau ; 0.87; 3800;occ; 129; 0;44137  
14; 4955.8; 09-AUG-2010 13:18:22; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;44137  
15; 5071.5; 09-AUG-2010 13:20:18; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;44137  
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22; 6749.3; 09-AUG-2010 13:48:16; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44138  
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 4; 2614.2; 09-AUG-2010 14:19:57; Bright; 41.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 82; 0;44138  
 5; 2719.4; 09-AUG-2010 14:21:42; Bright; 42.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 85; 0;44138  
 6; 3045.5; 09-AUG-2010 14:27:08; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44138  
 7; 3511.4; 09-AUG-2010 14:34:54; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44138  
 8; 4109.8; 09-AUG-2010 14:44:52; Bright; 29.0; 175; 39Del Per ; 3.01; 19400;occ; 58; 0;44138  
 9; 4199.5; 09-AUG-2010 14:46:22; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;44138  
 10; 4358.9; 09-AUG-2010 14:49:01; Bright; 54.0; 107; 37The Aur ; 2.65; 11000;occ; 108; 0;44138  
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 13; 4843.5; 09-AUG-2010 14:57:06; Dark ; 67.5; 13; 87Alp Tau ; 0.87; 3800;occ; 135; 0;44138  
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4; 1803.9; 10-AUG-2010 20:17:13; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;44156
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6; 2522.9; 10-AUG-2010 20:29:12; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44156
7; 2610.2; 10-AUG-2010 20:30:40; Bright; 37.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 74; 0;44156
8; 2714.2; 10-AUG-2010 20:32:24; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;44156
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11; 3498.3; 10-AUG-2010 20:45:28; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;44156
12; 4198.6; 10-AUG-2010 20:57:08; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;44156

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 21; 4538.0; 10-AUG-2010 22:43:23; Dark ; 45.5; 28; 12Bet Tau ; 1.65; 15200;occ; 91; 0;44157  
 22; 4672.3; 10-AUG-2010 22:45:38; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44157  
 23; 4853.9; 10-AUG-2010 22:48:39; Dark ; 74.5; 13; 87Alp Tau ; 0.87; 3800;occ; 149; 0;44157  
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 26; 5163.8; 10-AUG-2010 22:53:49; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44157  
 27; 5246.6; 10-AUG-2010 22:55:12; Dark ; 51.0; 7; 19Bet Ori ; 0.10; 14000;occ; 102; 0;44157  
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 4; 402.5; 10-AUG-2010 23:15:04; Dark ; 50.0; 9; Alp Eri ; 0.45; 24000;occ; 100; 0;44158  
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 9; 1804.0; 10-AUG-2010 23:38:25; Bright; 45.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 90; 0;44158  
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 13; 2713.5; 10-AUG-2010 23:53:35; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44158  
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 22; 4965.7; 11-AUG-2010 00:31:07; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44158  
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 25; 5247.7; 11-AUG-2010 00:35:49; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;44158

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13; 396.4; 10-AUG-2010 08:09:34; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44149
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 13; 4858.7; 11-AUG-2010 12:13:31; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44165  
 14; 4969.2; 11-AUG-2010 12:15:22; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;44165  
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 16; 5167.9; 11-AUG-2010 12:18:41; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44165  
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 18; 5371.7; 11-AUG-2010 12:22:04; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44165  
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 23; 7023.5; 11-AUG-2010 12:49:36; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;44166  
 24; 7256.0; 11-AUG-2010 12:53:29; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;44166  
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 4; 2519.4; 11-AUG-2010 13:15:08; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44166  
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 14; 4859.6; 11-AUG-2010 13:54:08; Dark ; 50.0; 13; 87Alp Tau ; 0.87; 3800;occ; 100; 0;44166  
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 17; 5168.3; 11-AUG-2010 13:59:17; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;44166  
 18; 5252.5; 11-AUG-2010 14:00:41; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 0;44166  
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 21; 6166.7; 11-AUG-2010 14:15:55; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44167  
 22; 6444.8; 11-AUG-2010 14:20:33; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44167  
 23; 6776.1; 11-AUG-2010 14:26:05; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44167  
 24; 7023.9; 11-AUG-2010 14:30:12; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;44167  
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 4; 2519.3; 11-AUG-2010 14:55:44; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44167  
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 6; 2711.0; 11-AUG-2010 14:58:55; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44167  
 7; 3036.0; 11-AUG-2010 15:04:20; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44167  
 8; 3359.4; 11-AUG-2010 15:09:44; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44167  
 9; 3490.1; 11-AUG-2010 15:11:55; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44167  
 10; 4198.0; 11-AUG-2010 15:23:42; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;44167  
 11; 4361.2; 11-AUG-2010 15:26:26; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 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  
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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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 22; 6168.9; 11-AUG-2010 17:37:09; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44169  
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 22; 5540.0; 11-AUG-2010 19:07:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44169  
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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
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11; 4920.2; 14-AUG-2010 10:39:42; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;44207
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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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 22; 7300.3; 18-AUG-2010 12:34:06; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;44266  
 23; 7630.8; 18-AUG-2010 12:39:36; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44266

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 7; 3008.4; 18-AUG-2010 13:03:10; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44266  
 8; 4190.2; 18-AUG-2010 13:22:52; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;44266  
 9; 4369.0; 18-AUG-2010 13:25:50; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44266  
 10; 4558.9; 18-AUG-2010 13:29:00; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;44266  
 11; 4729.4; 18-AUG-2010 13:31:51; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44266  
 12; 4945.6; 18-AUG-2010 13:35:27; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44266  
 13; 5143.0; 18-AUG-2010 13:38:44; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;44266  
 14; 5229.5; 18-AUG-2010 13:40:11; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;44266  
 15; 5328.4; 18-AUG-2010 13:41:50; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;44266  
 16; 5436.7; 18-AUG-2010 13:43:38; Dark ; 49.0; 101; 11Alp Lep ; 2.58; 7000;occ; 98; 0;44266  
 17; 5608.9; 18-AUG-2010 13:46:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44266  
 18; 6283.2; 18-AUG-2010 13:57:45; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44267  
 19; 6513.7; 18-AUG-2010 14:01:35; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44267  
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 3; 1915.5; 18-AUG-2010 14:25:33; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;44267  
 4; 2104.5; 18-AUG-2010 14:28:42; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;44267  
 5; 2496.9; 18-AUG-2010 14:35:14; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44267  
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 9; 4190.2; 18-AUG-2010 15:03:27; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44267  
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 11; 4559.7; 18-AUG-2010 15:09:37; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44267  
 12; 4729.7; 18-AUG-2010 15:12:27; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44267  
 13; 4946.2; 18-AUG-2010 15:16:03; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;44267  
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 17; 5437.5; 18-AUG-2010 15:24:15; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;44267  
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 19; 6284.6; 18-AUG-2010 15:38:22; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44268  
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 21; 6863.1; 18-AUG-2010 15:48:00; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44268  
 22; 7062.5; 18-AUG-2010 15:51:20; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;44268  
 23; 7301.1; 18-AUG-2010 15:55:18; Dark ; 32.5; 18; 24Alp PsA ; 1.17; 9700;occ; 65; 0;44268

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

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11; 4190.2; 18-AUG-2010 16:44:03; Bright; 63.0; 6; 13Alp Aur ; 0.08; 3400;occ; 126; 0;44268
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13; 4559.7; 18-AUG-2010 16:50:13; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;44268
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16; 5144.5; 18-AUG-2010 16:59:58; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;44268
17; 5230.9; 18-AUG-2010 17:01:24; Dark ; 46.0; 125; 44Iot Ori ; 2.77; 30000;occ; 92; 0;44268
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21; 6285.7; 18-AUG-2010 17:18:59; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44269
22; 6515.1; 18-AUG-2010 17:22:48; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44269
23; 6864.0; 18-AUG-2010 17:28:37; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44269
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3; 1798.8; 18-AUG-2010 17:44:48; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;44269
4; 1915.1; 18-AUG-2010 17:46:44; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;44269
5; 2104.0; 18-AUG-2010 17:49:53; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;44269
6; 2496.4; 18-AUG-2010 17:56:26; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44269
7; 2594.5; 18-AUG-2010 17:58:04; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44269
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9; 3007.4; 18-AUG-2010 18:04:57; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44269
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12; 4369.4; 18-AUG-2010 18:27:39; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44269
13; 4559.9; 18-AUG-2010 18:30:49; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;44269
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16; 5145.1; 18-AUG-2010 18:40:34; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;44269
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18; 5331.4; 18-AUG-2010 18:43:41; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44269
19; 5438.7; 18-AUG-2010 18:45:28; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;44269
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5; 1914.7; 18-AUG-2010 19:27:20; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44270
6; 2103.7; 18-AUG-2010 19:30:29; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44270
7; 2496.4; 18-AUG-2010 19:37:02; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44270
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10; 3007.1; 18-AUG-2010 19:45:32; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44270
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13; 4369.4; 18-AUG-2010 20:08:15; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;44270
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15; 4730.5; 18-AUG-2010 20:14:16; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44270
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18; 5232.2; 18-AUG-2010 20:22:37; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;44270
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5; 481.8; 19-AUG-2010 00:05:15; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44273
6; 831.0; 19-AUG-2010 00:11:04; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44273
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17; 3276.1; 19-AUG-2010 00:51:49; Bright; 31.0; 74; 11Bet Cas ; 2.27; 6600;occ; 62; 0;44273
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7; 3002.5; 20-AUG-2010 08:38:38; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44292
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3; 1910.2; 20-AUG-2010 15:02:49; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44296
4; 2097.5; 20-AUG-2010 15:05:57; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44296
5; 2492.9; 20-AUG-2010 15:12:32; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;44296
6; 2684.8; 20-AUG-2010 15:15:44; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44296
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9; 4187.1; 20-AUG-2010 15:40:46; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;44296
10; 4371.2; 20-AUG-2010 15:43:50; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44296
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16; 5251.2; 20-AUG-2010 15:58:30; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;44296
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15; 5047.2; 20-AUG-2010 17:35:42; Dark ; 56.0; 27; 24Gam Ori ; 1.64; 26000;occ; 112; 0;44297
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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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11; 4186.6; 20-AUG-2010 19:01:58; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44298  
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13; 4565.7; 20-AUG-2010 19:08:17; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44298  
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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  
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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  
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19; 4371.4; 21-AUG-2010 01:47:26; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44302  
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22; 4963.4; 21-AUG-2010 01:57:18; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;44302  
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4; -572.0; 21-AUG-2010 02:05:39; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;44302  
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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  
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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
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16; 1279.1; 21-AUG-2010 04:17:06; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44304
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19; 1908.8; 21-AUG-2010 04:27:35; Bright; 48.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 96; 0;44304
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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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22; 7031.9; 21-AUG-2010 12:35:22; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44309
23; 7316.8; 21-AUG-2010 12:40:07; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44309
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 2; 1799.0; 21-AUG-2010 12:48:45; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44309
 3; 1908.1; 21-AUG-2010 12:50:34; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;44309
 4; 2094.2; 21-AUG-2010 12:53:40; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44309
 5; 2491.3; 21-AUG-2010 13:00:17; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44309
 6; 2683.2; 21-AUG-2010 13:03:29; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44309
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 8; 3249.1; 21-AUG-2010 13:12:55; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44309
 9; 4185.2; 21-AUG-2010 13:28:31; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;44309
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11; 4643.2; 21-AUG-2010 13:36:09; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;44309
12; 4741.0; 21-AUG-2010 13:37:47; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;44309
13; 4967.2; 21-AUG-2010 13:41:33; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;44309
14; 5055.9; 21-AUG-2010 13:43:02; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;44309
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23; 7032.2; 21-AUG-2010 14:15:58; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44310
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23; 7033.0; 21-AUG-2010 15:56:35; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44311
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 7; 2683.0; 21-AUG-2010 16:24:41; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44311
 8; 2997.8; 21-AUG-2010 16:29:56; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44311
 9; 3248.3; 21-AUG-2010 16:34:06; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44311
10; 4184.9; 21-AUG-2010 16:49:43; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44311
11; 4372.2; 21-AUG-2010 16:52:50; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44311
12; 4643.7; 21-AUG-2010 16:57:22; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44311
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 17; 5262.9; 21-AUG-2010 17:07:41; Dark ; 47.0; 125; 44Iot Ori ; 2.77; 30000;occ; 94; 0;44311  
 18; 5370.1; 21-AUG-2010 17:09:28; Dark ; 70.5; 7; 19Bet Ori ; 0.10; 14000;occ; 141; 0;44311  
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 23; 6897.2; 21-AUG-2010 17:34:55; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44312  
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 4; 1799.0; 21-AUG-2010 17:50:33; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44312  
 5; 1907.5; 21-AUG-2010 17:52:22; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44312  
 6; 2093.7; 21-AUG-2010 17:55:28; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44312  
 7; 2490.9; 21-AUG-2010 18:02:05; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44312  
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 16; 5058.0; 21-AUG-2010 18:44:52; Dark ; 54.5; 27; 24Gam Ori ; 1.64; 26000;occ; 109; 0;44312  
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 19; 5371.3; 21-AUG-2010 18:50:05; Dark ; 63.5; 7; 19Bet Ori ; 0.10; 14000;occ; 127; 0;44312  
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 4; 1799.1; 21-AUG-2010 19:31:09; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;44313  
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 7; 2490.8; 21-AUG-2010 19:42:41; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44313  
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 21; 5647.8; 21-AUG-2010 20:35:18; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44313  
 22; 6340.3; 21-AUG-2010 20:46:50; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44314  
 23; 6545.2; 21-AUG-2010 20:50:15; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44314  
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 17; 5479.4; 22-AUG-2010 09:57:17; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;44321  
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 19; 6350.0; 22-AUG-2010 10:11:47; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44322  
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 21; 6904.6; 22-AUG-2010 10:21:02; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44322  
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 23; 7321.2; 22-AUG-2010 10:27:59; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44322  
 24; 7637.1; 22-AUG-2010 10:33:15; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44322

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 3; 2091.5; 22-AUG-2010 10:41:25; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44322  
 4; 2490.0; 22-AUG-2010 10:48:03; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44322  
 5; 2682.3; 22-AUG-2010 10:51:16; Bright; 36.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 73; 0;44322  
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 7; 3239.7; 22-AUG-2010 11:00:33; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44322  
 8; 4183.1; 22-AUG-2010 11:16:16; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;44322  
 9; 4372.6; 22-AUG-2010 11:19:26; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44322  
 10; 4571.0; 22-AUG-2010 11:22:44; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44322  
 11; 4744.8; 22-AUG-2010 11:25:38; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44322  
 12; 4974.0; 22-AUG-2010 11:29:27; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;44322  
 13; 5065.5; 22-AUG-2010 11:30:59; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;44322  
 14; 5182.8; 22-AUG-2010 11:32:56; Dark ; 52.5; 30; 46Eps Ori ; 1.69; 30000;occ; 105; 0;44322  
 15; 5271.4; 22-AUG-2010 11:34:25; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44322  
 16; 5381.1; 22-AUG-2010 11:36:14; Dark ; 63.5; 7; 19Bet Ori ; 0.10; 14000;occ; 127; 0;44322  
 17; 5480.3; 22-AUG-2010 11:37:54; Dark ; 52.0; 101; 11Alp Lep ; 2.58; 7000;occ; 104; 0;44322  
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 19; 6351.3; 22-AUG-2010 11:52:25; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44323  
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 21; 6905.6; 22-AUG-2010 12:01:39; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44323  
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 23; 7321.6; 22-AUG-2010 12:08:35; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44323  
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 3; 1906.1; 22-AUG-2010 12:18:55; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44323  
 4; 2091.4; 22-AUG-2010 12:22:01; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44323  
 5; 2489.4; 22-AUG-2010 12:28:39; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44323  
 6; 2681.9; 22-AUG-2010 12:31:51; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;44323  
 7; 2995.6; 22-AUG-2010 12:37:05; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44323  
 8; 3238.9; 22-AUG-2010 12:41:08; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44323  
 9; 4183.2; 22-AUG-2010 12:56:52; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;44323  
 10; 4372.8; 22-AUG-2010 13:00:02; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;44323  
 11; 4571.2; 22-AUG-2010 13:03:20; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44323  
 12; 4745.1; 22-AUG-2010 13:06:14; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44323  
 13; 4974.6; 22-AUG-2010 13:10:04; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;44323  
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 15; 5183.5; 22-AUG-2010 13:13:33; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44323  
 16; 5272.3; 22-AUG-2010 13:15:01; Dark ; 51.5; 125; 44Iot Ori ; 2.77; 30000;occ; 103; 0;44323  
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 21; 6551.8; 22-AUG-2010 13:36:21; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44324  
 22; 6906.2; 22-AUG-2010 13:42:15; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44324  
 23; 7037.7; 22-AUG-2010 13:44:27; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;44324  
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 3; 1905.8; 22-AUG-2010 13:59:31; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44324  
 4; 2091.7; 22-AUG-2010 14:02:37; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44324  
 5; 2489.7; 22-AUG-2010 14:09:15; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44324  
 6; 2682.1; 22-AUG-2010 14:12:27; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44324  
 7; 2995.5; 22-AUG-2010 14:17:41; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;44324  
 8; 3238.1; 22-AUG-2010 14:21:43; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44324  
 9; 4182.9; 22-AUG-2010 14:37:28; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;44324  
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 12; 4745.1; 22-AUG-2010 14:46:50; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44324  
 13; 4975.3; 22-AUG-2010 14:50:40; Dark ; 54.5; 14; 58Alp Ori ; 0.87; 3000;occ; 109; 0;44324  
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19; 5657.5; 22-AUG-2010 15:02:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44324
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23; 7038.4; 22-AUG-2010 15:25:03; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;44325
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 4; 2091.2; 22-AUG-2010 15:43:12; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44325
 5; 2489.4; 22-AUG-2010 15:49:50; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44325
 6; 2681.7; 22-AUG-2010 15:53:03; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44325
 7; 2995.3; 22-AUG-2010 15:58:16; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44325
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12; 4745.7; 22-AUG-2010 16:27:27; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44325
13; 4975.9; 22-AUG-2010 16:31:17; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;44325
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22; 6907.5; 22-AUG-2010 17:03:29; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44326
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 3; 1799.4; 22-AUG-2010 17:18:56; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44326
 4; 1905.8; 22-AUG-2010 17:20:43; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44326
 5; 2091.3; 22-AUG-2010 17:23:48; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44326
 6; 2489.7; 22-AUG-2010 17:30:27; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44326
 7; 2681.5; 22-AUG-2010 17:33:39; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44326
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12; 4571.9; 22-AUG-2010 18:05:09; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;44326
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19; 5483.8; 22-AUG-2010 18:20:21; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;44326
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22; 6553.9; 22-AUG-2010 18:38:11; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44327
23; 6908.1; 22-AUG-2010 18:44:05; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44327
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 4; 1799.4; 22-AUG-2010 18:59:32; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44327
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 7; 2489.2; 22-AUG-2010 19:11:02; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44327
 8; 2681.4; 22-AUG-2010 19:14:14; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44327
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3; 325.0; 23-AUG-2010 01:17:22; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;44331
4; 520.4; 23-AUG-2010 01:20:37; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44331
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6; 1004.6; 23-AUG-2010 01:28:41; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44331
7; 1288.6; 23-AUG-2010 01:33:25; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44331
8; 1602.7; 23-AUG-2010 01:38:39; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;44331
9; 1799.5; 23-AUG-2010 01:41:56; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44331
10; 1905.2; 23-AUG-2010 01:43:42; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44331
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12; 2489.0; 23-AUG-2010 01:53:26; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44331
13; 2680.9; 23-AUG-2010 01:56:37; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44331
14; 2994.1; 23-AUG-2010 02:01:51; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44331
15; 3233.2; 23-AUG-2010 02:05:50; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44331
16; 4181.8; 23-AUG-2010 02:21:38; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;44331
17; 4373.0; 23-AUG-2010 02:24:50; Bright; 61.0; 107; 37The Aur ; 2.65; 11000;occ; 122; 0;44331
18; 4572.8; 23-AUG-2010 02:28:09; Dark ; 56.5; 28; 12Bet Tau ; 1.65; 15200;occ; 113; 0;44331
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22; 5189.8; 23-AUG-2010 02:38:26; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;44331
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29; 7041.1; 23-AUG-2010 03:09:18; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44332
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31; 7638.6; 23-AUG-2010 03:19:15; Dark ; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;44332
32; 7835.4; 23-AUG-2010 03:22:32; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44332
33; 7940.9; 23-AUG-2010 03:24:17; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44332
34; 8125.8; 23-AUG-2010 03:27:22; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44332
35; 8524.7; 23-AUG-2010 03:34:01; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44332
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7; 4979.5; 23-AUG-2010 04:15:32; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;44332
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9; 5190.6; 23-AUG-2010 04:19:03; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;44332
10; 5279.9; 23-AUG-2010 04:20:32; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44332
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12; 5549.1; 23-AUG-2010 04:25:02; Dark ; 52.5; 139; 9Bet Lep ; 2.83; 5600;occ; 105; 0;44332
13; 5664.7; 23-AUG-2010 04:26:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44332
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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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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
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 4; -1288.1; 23-AUG-2010 05:52:16; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 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
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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
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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
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 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
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 8; -754.4; 23-AUG-2010 07:41:46; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;44334
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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
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16; 1289.9; 23-AUG-2010 08:15:50; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44335
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 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
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 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
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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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 16; 5307.5; 23-AUG-2010 11:03:24; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;44336  
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 22; 6915.3; 23-AUG-2010 11:30:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44337  
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 15; 5077.3; 23-AUG-2010 12:40:09; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44337  
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24; 4750.7; 23-AUG-2010 22:38:19; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;44343
25; 4985.8; 23-AUG-2010 22:42:14; Dark ; 61.5; 14; 58Alp Ori ; 0.87; 3000;occ; 123; 0;44343
26; 5199.5; 23-AUG-2010 22:45:47; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;44343
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5; 341.0; 23-AUG-2010 23:05:25; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;44344
6; 529.0; 23-AUG-2010 23:08:33; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44344
7; 884.8; 23-AUG-2010 23:14:28; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;44344
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16; 2991.8; 23-AUG-2010 23:49:36; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44344
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22; 4751.3; 24-AUG-2010 00:18:55; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44344
23; 4986.4; 24-AUG-2010 00:22:50; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44344
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6; 342.0; 24-AUG-2010 00:46:02; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44345
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9; 1010.0; 24-AUG-2010 00:57:10; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44345
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12; 1800.2; 24-AUG-2010 01:10:20; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44345
13; 1903.3; 24-AUG-2010 01:12:03; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44345
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21; 4374.1; 24-AUG-2010 01:53:14; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;44345
22; 4652.6; 24-AUG-2010 01:57:52; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;44345
23; 4751.5; 24-AUG-2010 01:59:31; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44345
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4; -475.6; 24-AUG-2010 02:13:00; Dark ; 45.5; 139; 9Bet Lep ; 2.83; 5600;occ; 91; 0;44345
5; -359.5; 24-AUG-2010 02:14:56; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44345
6; 343.8; 24-AUG-2010 02:26:39; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44346
7; 530.5; 24-AUG-2010 02:29:46; Dark ; 52.0; 9; Alp Eri ; 0.45; 24000;occ; 104; 0;44346
8; 886.4; 24-AUG-2010 02:35:42; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44346
9; 1010.6; 24-AUG-2010 02:37:46; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;44346

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 12; 1800.5; 24-AUG-2010 02:50:56; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44346  
 13; 1903.2; 24-AUG-2010 02:52:39; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44346  
 14; 2087.6; 24-AUG-2010 02:55:43; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44346  
 15; 2487.6; 24-AUG-2010 03:02:23; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44346  
 16; 2679.9; 24-AUG-2010 03:05:35; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44346  
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 10; -358.5; 24-AUG-2010 03:55:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44346  
 11; 344.8; 24-AUG-2010 04:07:16; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;44347  
 12; 530.9; 24-AUG-2010 04:10:22; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44347  
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 19; 2087.4; 24-AUG-2010 04:36:19; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44347  
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 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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 12; 531.8; 24-AUG-2010 05:50:59; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44348  
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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
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7; 2990.4; 24-AUG-2010 11:33:46; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44351

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5; 2085.9; 24-AUG-2010 16:20:29; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44354
6; 2487.4; 24-AUG-2010 16:27:10; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44354
7; 2679.3; 24-AUG-2010 16:30:22; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44354
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 6; 2487.4; 24-AUG-2010 18:07:46; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44355  
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 7; 2487.2; 24-AUG-2010 19:48:22; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44356  
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12; 4216.5; 25-AUG-2010 19:45:34; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44370
13; 4374.9; 25-AUG-2010 19:48:13; Bright; 59.0; 107; 37The Aur ; 2.65; 11000;occ; 118; 0;44370
14; 4659.5; 25-AUG-2010 19:52:57; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;44370
15; 4759.5; 25-AUG-2010 19:54:37; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44370
16; 5002.0; 25-AUG-2010 19:58:40; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44370
17; 5222.4; 25-AUG-2010 20:02:20; Dark ; 55.5; 33; 50Zet Ori ; 1.77; 30000;occ; 111; 0;44370
18; 5323.6; 25-AUG-2010 20:04:01; Dark ; 52.0; 1; 9Alp CMa ; -1.44; 11000;occ; 104; 0;44370
19; 5523.3; 25-AUG-2010 20:07:21; Dark ; 52.0; 101; 11Alp Lep ; 2.58; 7000;occ; 104; 0;44370
20; 5700.2; 25-AUG-2010 20:10:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44370
21; 6410.0; 25-AUG-2010 20:22:08; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;44371
22; 6582.1; 25-AUG-2010 20:25:00; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44371
23; 6939.6; 25-AUG-2010 20:30:57; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;44371
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2; 1019.7; 25-AUG-2010 20:32:54; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44371
3; 1301.6; 25-AUG-2010 20:37:35; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44371
4; 1607.2; 25-AUG-2010 20:42:41; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44371
5; 1801.2; 25-AUG-2010 20:45:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44371
6; 1900.3; 25-AUG-2010 20:47:34; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44371
7; 2083.4; 25-AUG-2010 20:50:37; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44371

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

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

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

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

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

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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
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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
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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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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
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16; 7057.7; 26-AUG-2010 04:55:55; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44376
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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
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21; 8119.2; 26-AUG-2010 05:13:37; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44376
22; 8587.3; 26-AUG-2010 05:21:25; Bright; 49.5; 164; 44Eta Peg ; 2.95; 5400;occ; 99; 0;44376
23; 9022.7; 26-AUG-2010 05:28:40; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44376
24; 9237.1; 26-AUG-2010 05:32:14; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44376
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3; -1375.4; 26-AUG-2010 05:56:34; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;44376
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 6; -810.3; 26-AUG-2010 07:46:35; Dark ; 55.5; 72; 34Del Ori ; 2.25; 30000;occ; 111; 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  
 14; 1304.2; 26-AUG-2010 08:21:50; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44378  
 15; 1608.2; 26-AUG-2010 08:26:54; Dark ; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44378

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 3; 2082.6; 26-AUG-2010 08:34:48; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44378  
 4; 2549.7; 26-AUG-2010 08:42:35; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44378  
 5; 2986.1; 26-AUG-2010 08:49:51; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44378  
 6; 3200.0; 26-AUG-2010 08:53:25; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44378  
 7; 3331.9; 26-AUG-2010 08:55:37; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44378  
 8; 4215.9; 26-AUG-2010 09:10:21; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44378  
 9; 4375.5; 26-AUG-2010 09:13:01; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44378  
 10; 4661.2; 26-AUG-2010 09:17:47; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44378  
 11; 4761.8; 26-AUG-2010 09:19:27; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;44378  
 12; 5006.9; 26-AUG-2010 09:23:32; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44378  
 13; 5226.3; 26-AUG-2010 09:27:12; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44378  
 14; 5327.1; 26-AUG-2010 09:28:52; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;44378  
 15; 5530.9; 26-AUG-2010 09:32:16; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44378  
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 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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 3; 2082.5; 26-AUG-2010 11:56:00; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44380  
 4; 2548.5; 26-AUG-2010 12:03:46; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44380  
 5; 2985.5; 26-AUG-2010 12:11:03; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44380  
 6; 3198.7; 26-AUG-2010 12:14:36; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44380  
 7; 4215.9; 26-AUG-2010 12:31:33; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;44380  
 8; 4375.4; 26-AUG-2010 12:34:12; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44380  
 9; 4661.6; 26-AUG-2010 12:38:59; Dark ; 59.5; 151; 13Mu Gem ; 2.89; 3000;occ; 119; 0;44380  
 10; 4762.5; 26-AUG-2010 12:40:40; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44380  
 11; 5008.4; 26-AUG-2010 12:44:46; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44380  
 12; 5228.2; 26-AUG-2010 12:48:25; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44380  
 13; 5328.2; 26-AUG-2010 12:50:05; Dark ; 44.0; 1; 9Alp CMa ; -1.44; 11000;occ; 88; 0;44380  
 14; 5532.8; 26-AUG-2010 12:53:30; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;44380  
 15; 5709.9; 26-AUG-2010 12:56:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44380  
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 17; 6589.0; 26-AUG-2010 13:11:06; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44381  
 18; 6946.4; 26-AUG-2010 13:17:03; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44381  
 19; 7059.2; 26-AUG-2010 13:18:56; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44381  
 20; 7340.8; 26-AUG-2010 13:23:38; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;44381

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

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8; 3329.7; 26-AUG-2010 13:57:23; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44381
9; 4215.5; 26-AUG-2010 14:12:08; Bright; 45.5; 42; 34Bet Aur ; 1.90; 10200;occ; 91; 0;44381
10; 4375.7; 26-AUG-2010 14:14:49; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44381
11; 4661.9; 26-AUG-2010 14:19:35; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;44381
12; 4762.8; 26-AUG-2010 14:21:16; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44381
13; 5008.6; 26-AUG-2010 14:25:22; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44381
14; 5229.4; 26-AUG-2010 14:29:02; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44381
15; 5328.9; 26-AUG-2010 14:30:42; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;44381
16; 5534.0; 26-AUG-2010 14:34:07; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;44381
17; 5711.0; 26-AUG-2010 14:37:04; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44381
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21; 7059.7; 26-AUG-2010 14:59:33; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;44382
22; 7341.2; 26-AUG-2010 15:04:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44382
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4; 2082.3; 26-AUG-2010 15:17:11; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44382
5; 2547.3; 26-AUG-2010 15:24:56; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;44382
6; 2985.5; 26-AUG-2010 15:32:14; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44382
7; 3196.7; 26-AUG-2010 15:35:46; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44382
8; 3328.9; 26-AUG-2010 15:37:58; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44382
9; 4215.8; 26-AUG-2010 15:52:45; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;44382
10; 4375.9; 26-AUG-2010 15:55:25; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44382
11; 4662.3; 26-AUG-2010 16:00:11; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44382
12; 4763.1; 26-AUG-2010 16:01:52; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44382
13; 5009.5; 26-AUG-2010 16:05:58; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44382
14; 5230.4; 26-AUG-2010 16:09:39; Dark ; 39.0; 72; 34Del Ori ; 2.25; 30000;occ; 78; 0;44382
15; 5329.1; 26-AUG-2010 16:11:18; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;44382
16; 5534.8; 26-AUG-2010 16:14:44; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;44382
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3; 1801.8; 26-AUG-2010 16:53:07; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44383
4; 1899.4; 26-AUG-2010 16:54:44; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44383
5; 2081.8; 26-AUG-2010 16:57:47; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44383
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8; 3196.3; 26-AUG-2010 17:16:21; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44383
9; 3328.4; 26-AUG-2010 17:18:33; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44383
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12; 4662.6; 26-AUG-2010 17:40:47; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;44383
13; 4763.6; 26-AUG-2010 17:42:28; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44383
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3; 1315.2; 28-AUG-2010 20:43:34; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44414
4; 1612.5; 28-AUG-2010 20:48:31; Dark ; 54.0; 142; 49Del Cap ; 2.85; 8900;occ; 108; 0;44414
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8; 2527.4; 28-AUG-2010 21:03:46; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;44414
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11; 3305.6; 28-AUG-2010 21:16:44; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44414
12; 4166.9; 28-AUG-2010 21:31:06; Bright; 25.0; 6; 13Alp Aur ; 0.08; 3400;occ; 50; 0;44414
13; 4376.9; 28-AUG-2010 21:34:36; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;44414
14; 4671.3; 28-AUG-2010 21:39:30; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;44414
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13; 2527.0; 28-AUG-2010 22:44:22; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;44415
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17; 4166.9; 28-AUG-2010 23:11:42; Bright; 25.0; 6; 13Alp Aur ; 0.08; 3400;occ; 50; 0;44415
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19; 4671.9; 28-AUG-2010 23:20:07; Dark ; 58.0; 151; 13Mu Gem ; 2.89; 3000;occ; 116; 0;44415
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 17; 4377.0; 29-AUG-2010 02:36:23; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;44417  
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 19; 4775.0; 29-AUG-2010 02:43:01; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44417  
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 27; 6970.5; 29-AUG-2010 03:19:37; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44418  
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 32; 8114.3; 29-AUG-2010 03:38:41; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44418  
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 19; 7839.7; 29-AUG-2010 05:14:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44419  
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 21; 8114.5; 29-AUG-2010 05:19:17; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44419

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23; 9016.2; 29-AUG-2010 05:34:18; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44419
24; 9207.7; 29-AUG-2010 05:37:30; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44419
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15; 5370.1; 31-AUG-2010 20:16:18; Dark ; 49.5; 1; 9Alp CMA ; -1.44; 11000;occ; 99; 0;44456
16; 5536.3; 31-AUG-2010 20:19:04; Dark ; 45.0; 23; 21Eps CMA ; 1.50; 26000;occ; 90; 0;44456
17; 5675.9; 31-AUG-2010 20:21:24; Dark ; 55.0; 139; 9Bet Lep ; 2.83; 5600;occ; 110; 0;44456
18; 5790.9; 31-AUG-2010 20:23:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44456
19; 6559.7; 31-AUG-2010 20:36:07; Dark ; 41.5; 143; Alp Hyi ; 2.86; 7200;occ; 83; 0;44457
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4; 1895.3; 31-AUG-2010 20:58:59; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;44457
5; 2075.4; 31-AUG-2010 21:01:59; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;44457
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7; 2975.8; 31-AUG-2010 21:16:59; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44457
8; 3146.7; 31-AUG-2010 21:19:50; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44457
9; 3275.1; 31-AUG-2010 21:21:59; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;44457
10; 4208.3; 31-AUG-2010 21:37:32; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;44457
11; 4377.8; 31-AUG-2010 21:40:21; Bright; 68.0; 107; 37The Aur ; 2.65; 11000;occ; 136; 0;44457
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13; 4684.7; 31-AUG-2010 21:45:28; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44457
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17; 4377.8; 31-AUG-2010 23:20:57; Bright; 47.0; 107; 37The Aur ; 2.65; 11000;occ; 94; 0;44458
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7;	959.7;	01-SEP-2010	00:04:35;	Dark	;	47.5;	84;	Alp Phe	;	2.40;	4500;	occ;	95;	0;	44459
8;	1328.2;	01-SEP-2010	00:10:44;	Dark	;	47.0;	18;	24Alp PsA	;	1.17;	9700;	occ;	94;	0;	44459
9;	1618.7;	01-SEP-2010	00:15:34;	Dark	;	48.5;	142;	49Del Cap	;	2.85;	8900;	occ;	97;	0;	44459
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