

GOMOS Daily Report 05-MAY-2008

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	09MAY2008 09:21:55
Data source version	GOMOS/5.00
Start time of products	05-MAY-2008 (05MAY2008 00:00:00)
Stop time of products	06-MAY-2008 (06MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	171
Nb of prods with errors	2

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

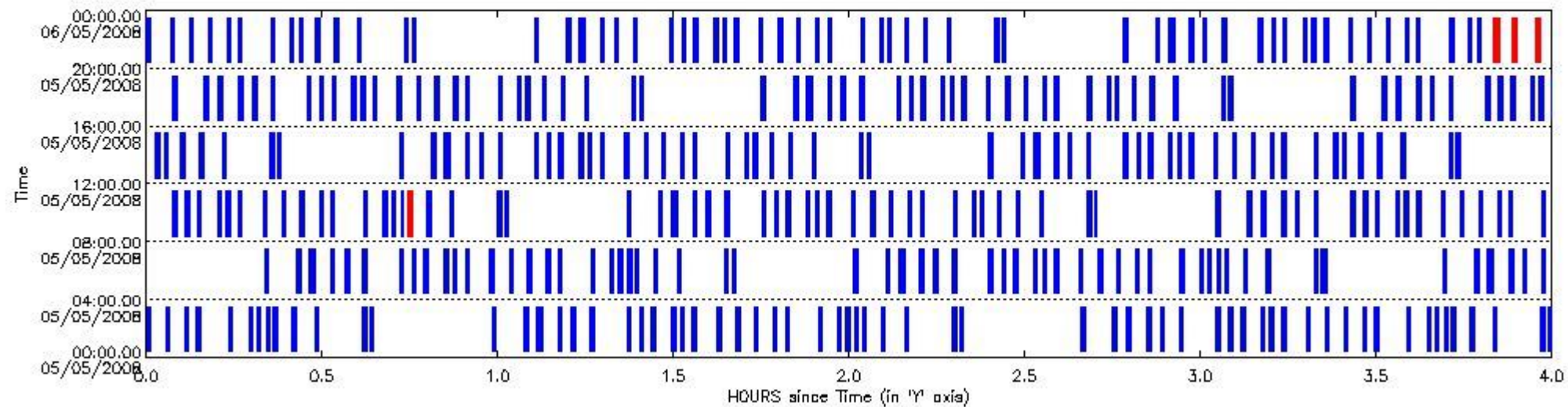
2.1 Level 0 products arrived in PCF (see template [here](#))

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
05-MAY-2008 08:44:39	50AlpUMa	36	32311
05-MAY-2008 23:50:05	50AlpUMa	36	32320
05-MAY-2008 23:53:14	7BetUMi	60	32320
05-MAY-2008 23:57:15	1AlpUMi	49	32320

2.4 Summary of processed GOM_TRA_1P products

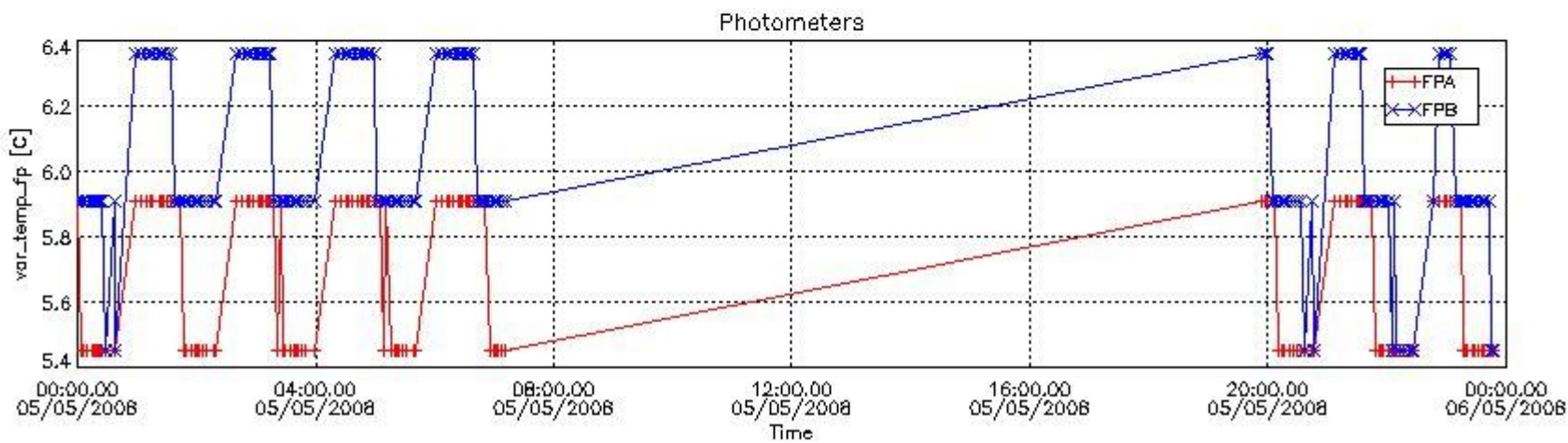
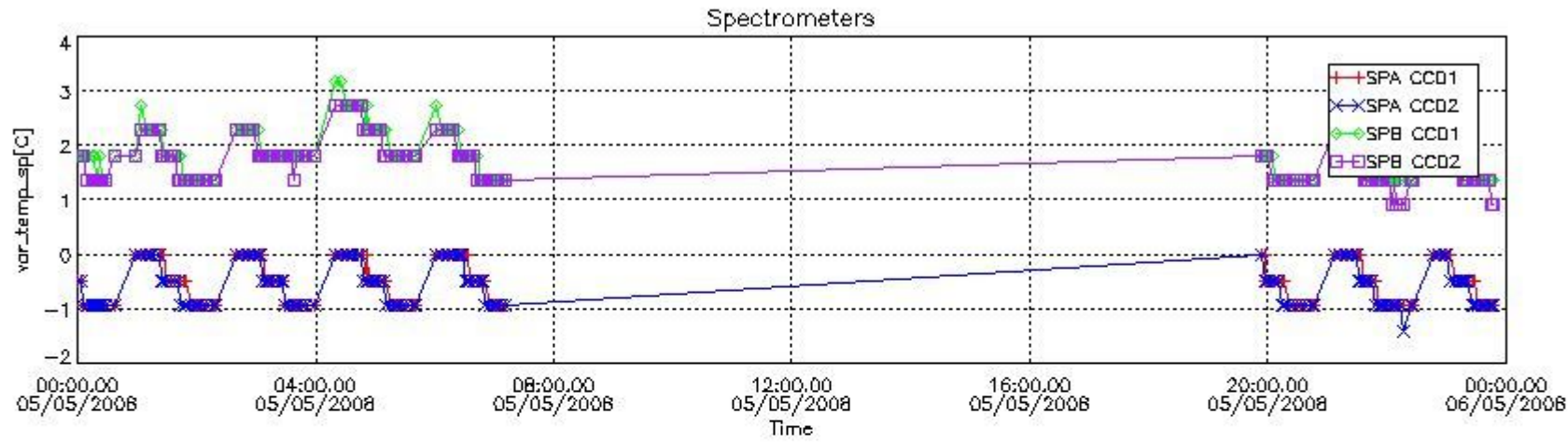
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20080505_000008_000000382068_00188_32306_8065.N1	05-MAY-2008 00:00:08	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32306	No
2	GOM_TRA_1PNPDE20080505_000315_000000362068_00188_32306_8066.N1	05-MAY-2008 00:03:15	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	32306	No
3	GOM_TRA_1PNPDE20080505_000629_000000352068_00188_32306_8067.N1	05-MAY-2008 00:06:29	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32306	No
4	GOM_TRA_1PNPDE20080505_000833_000000372068_00188_32306_8068.N1	05-MAY-2008 00:08:33	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	32306	No
5	GOM_TRA_1PNPDE20080505_001409_000000342068_00188_32306_8069.N1	05-MAY-2008 00:14:09	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	32306	No
6	GOM_TRA_1PNPDE20080505_001726_000000352068_00188_32306_8070.N1	05-MAY-2008 00:17:26	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	32306	No
7	GOM_TRA_1PNPDE20080505_001851_000000362068_00188_32306_8071.N1	05-MAY-2008 00:18:51	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32306	No

8	GOM_TRA_1PNPDE20080505_002024_000000352068_00188_32306_8072.N1	05-MAY-2008 00:20:24	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	32306	No
9	GOM_TRA_1PNPDE20080505_002139_000000372068_00188_32306_8073.N1	05-MAY-2008 00:21:39	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32306	No
10	GOM_TRA_1PNPDE20080505_002454_000000372068_00188_32306_8074.N1	05-MAY-2008 00:24:54	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32306	No
11	GOM_TRA_1PNPDE20080505_002853_000000322068_00188_32306_8075.N1	05-MAY-2008 00:28:53	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	32306	No
12	GOM_TRA_1PNPDE20080505_003655_000000412068_00188_32306_8076.N1	05-MAY-2008 00:36:55	Bright	41.000	110	37Del Cas	2.6780	8900.0	82	32306	No
13	GOM_TRA_1PNPDE20080505_003813_000000352068_00188_32306_8077.N1	05-MAY-2008 00:38:13	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	32306	No
14	GOM_TRA_1PNPDE20080505_005900_000000442068_00188_32306_7793.N1	05-MAY-2008 00:59:00	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32306	Yes
15	GOM_TRA_1PNPDE20080505_010423_000000522068_00188_32306_7794.N1	05-MAY-2008 01:04:23	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	32306	No
16	GOM_TRA_1PNPDE20080505_011012_000000422068_00188_32306_7795.N1	05-MAY-2008 01:10:12	Dark	41.500	31	Alp Gru	1.7340	15200.	83	32306	No
17	GOM_TRA_1PNPDE20080505_011237_000000392068_00189_32307_7796.N1	05-MAY-2008 01:12:37	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32307	No
18	GOM_TRA_1PNPDE20080505_011546_000000402068_00189_32307_7797.N1	05-MAY-2008 01:15:46	Dark	39.500	45	Alp Pav	1.9400	26000.	79	32307	No
19	GOM_TRA_1PNPDE20080505_012203_000000392068_00189_32307_7798.N1	05-MAY-2008 01:22:03	Straylight	38.500	43	Alp TrA	1.9100	4250.0	77	32307	No
20	GOM_TRA_1PNPDE20080505_012415_000000382068_00189_32307_7799.N1	05-MAY-2008 01:24:15	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32307	No
21	GOM_TRA_1PNPDE20080505_012612_000000502068_00189_32307_7800.N1	05-MAY-2008 01:26:12	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	32307	No
22	GOM_TRA_1PNPDE20080505_012940_000000402068_00189_32307_7801.N1	05-MAY-2008 01:29:40	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	32307	No
23	GOM_TRA_1PNPDE20080505_013112_000000402068_00189_32307_7802.N1	05-MAY-2008 01:31:12	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32307	No
24	GOM_TRA_1PNPDE20080505_013314_000000452068_00189_32307_7803.N1	05-MAY-2008 01:33:14	Twilight_and_stray	45.000	54	5The Cen	2.0550	4500.0	90	32307	No
25	GOM_TRA_1PNPDE20080505_013727_000000382068_00189_32307_7804.N1	05-MAY-2008 01:37:27	Bright	38.000	169	46Gam Hya	2.9910	4700.0	76	32307	No
26	GOM_TRA_1PNPDE20080505_014044_000000382068_00189_32307_7805.N1	05-MAY-2008 01:40:44	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32307	No
27	GOM_TRA_1PNPDE20080505_014351_000000362068_00189_32307_7806.N1	05-MAY-2008 01:43:51	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	32307	No
28	GOM_TRA_1PNPDE20080505_014705_000000352068_00189_32307_7807.N1	05-MAY-2008 01:47:05	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32307	No
29	GOM_TRA_1PNPDE20080505_014909_000000382068_00189_32307_7808.N1	05-MAY-2008 01:49:09	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	32307	No
30	GOM_TRA_1PNPDE20080505_015444_000000352068_00189_32307_7809.N1	05-MAY-2008 01:54:44	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	32307	No
31	GOM_TRA_1PNPDE20080505_015802_000000372068_00189_32307_7810.N1	05-MAY-2008 01:58:02	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	32307	No
32	GOM_TRA_1PNPDE20080505_015927_000000372068_00189_32307_7811.N1	05-MAY-2008 01:59:27	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	32307	No
33	GOM_TRA_1PNPDE20080505_020100_000000342068_00189_32307_7812.N1	05-MAY-2008 02:01:00	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	32307	No
34	GOM_TRA_1PNPDE20080505_020215_000000372068_00189_32307_7813.N1	05-MAY-2008 02:02:15	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32307	No
35	GOM_TRA_1PNPDE20080505_020530_000000342068_00189_32307_7814.N1	05-MAY-2008 02:05:30	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	32307	No
36	GOM_TRA_1PNPDE20080505_020929_000000352068_00189_32307_7815.N1	05-MAY-2008 02:09:29	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32307	No
37	GOM_TRA_1PNPDE20080505_021731_000000522068_00189_32307_7679.N1	05-MAY-2008 02:17:31	Bright	52.000	110	37Del Cas	2.6780	8900.0	104	32307	No
38	GOM_TRA_1PNPDE20080505_021849_000000362068_00189_32307_7680.N1	05-MAY-2008 02:18:49	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	32307	No
39	GOM_TRA_1PNPDE20080505_023936_000000402068_00189_32307_7681.N1	05-MAY-2008 02:39:36	Dark	39.500	52	16Bet Cet	2.0370	4500.0	79	32307	No
40	GOM_TRA_1PNPDE20080505_024500_000000422068_00189_32307_7682.N1	05-MAY-2008 02:45:00	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	32307	No
41	GOM_TRA_1PNPDE20080505_025049_000000412068_00189_32307_7683.N1	05-MAY-2008 02:50:49	Dark	41.000	31	Alp Gru	1.7340	15200.	82	32307	No
42	GOM_TRA_1PNPDE20080505_025313_000000382068_00190_32308_7684.N1	05-MAY-2008 02:53:13	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	32308	No
43	GOM_TRA_1PNPDE20080505_025622_000000402068_00190_32308_7685.N1	05-MAY-2008 02:56:22	Dark	39.500	45	Alp Pav	1.9400	26000.	79	32308	No
44	GOM_TRA_1PNPDE20080505_030239_000000412068_00190_32308_7686.N1	05-MAY-2008 03:02:39	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	32308	No
45	GOM_TRA_1PNPDE20080505_030451_000000372068_00190_32308_7687.N1	05-MAY-2008 03:04:51	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32308	No
46	GOM_TRA_1PNPDE20080505_030648_000000482068_00190_32308_7688.N1	05-MAY-2008 03:06:48	Straylight	47.500	4	Alp1Cen	-0.010000	5800.0	95	32308	No
47	GOM_TRA_1PNPDE20080505_031016_000000412068_00190_32308_7689.N1	05-MAY-2008 03:10:16	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	32308	No
48	GOM_TRA_1PNPDE20080505_031148_000000392068_00190_32308_7690.N1	05-MAY-2008 03:11:48	Straylight	38.500	81	Eta Cen	2.3560	28000.	77	32308	No
49	GOM_TRA_1PNPDE20080505_031350_000000412068_00190_32308_7691.N1	05-MAY-2008 03:13:50	Twilight_and_stray	40.500	54	5The Cen	2.0550	4500.0	81	32308	No
50	GOM_TRA_1PNPDE20080505_031803_000000392068_00190_32308_7692.N1	05-MAY-2008 03:18:03	Bright	38.500	169	46Gam Hya	2.9910	4700.0	77	32308	No
51	GOM_TRA_1PNPDE20080505_032120_000000382068_00190_32308_7693.N1	05-MAY-2008 03:21:20	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32308	No
52	GOM_TRA_1PNPDE20080505_032427_000000362068_00190_32308_7694.N1	05-MAY-2008 03:24:27	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	32308	No
53	GOM_TRA_1PNPDE20080505_032741_000000352068_00190_32308_7695.N1	05-MAY-2008 03:27:41	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32308	No
54	GOM_TRA_1PNPDE20080505_032945_000000372068_00190_32308_7696.N1	05-MAY-2008 03:29:45	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	32308	No
55	GOM_TRA_1PNPDE20080505_033521_000000362068_00190_32308_7697.N1	05-MAY-2008 03:35:21	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	32308	No
56	GOM_TRA_1PNPDE20080505_033838_000000362068_00190_32308_7698.N1	05-MAY-2008 03:38:38	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32308	No
57	GOM_TRA_1PNPDE20080505_034003_000000372068_00190_32308_7699.N1	05-MAY-2008 03:40:03	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	32308	No
58	GOM_TRA_1PNPDE20080505_034136_000000352068_00190_32308_7700.N1	05-MAY-2008 03:41:36	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	32308	No
59	GOM_TRA_1PNPDE20080505_034252_000000362068_00190_32308_7701.N1	05-MAY-2008 03:42:52	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	32308	No
60	GOM_TRA_1PNPDE20080505_034606_000000392068_00190_32308_7702.N1	05-MAY-2008 03:46:06	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32308	No
61	GOM_TRA_1PNPDE20080505_035005_000000352068_00190_32308_7703.N1	05-MAY-2008 03:50:05	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32308	No
62	GOM_TRA_1PNPDE20080505_035807_000000522068_00190_32308_7561.N1	05-MAY-2008 03:58:07	Bright	52.000	110	37Del Cas	2.6780	8900.0	104	32308	No
63	GOM_TRA_1PNPDE20080505_035925_000000352068_00190_32308_7562.N1	05-MAY-2008 03:59:25	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	32308	No
64	GOM_TRA_1PNPDE20080505_042012_000000432068_00190_32308_7563.N1	05-MAY-2008 04:20:12	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32308	No
65	GOM_TRA_1PNPDE20080505_042536_000000462068_00190_32308_7564.N1	05-MAY-2008 04:25:36	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	32308	No
66	GOM_TRA_1PNPDE20080505_043126_000000422068_00190_32308_7565.N1	05-MAY-2008 04:31:26	Dark	42.000	31	Alp Gru	1.7340	15200.	84	32308	No

67	GOM_TRA_1PNPDE20080505_043349_000000462068_00191_32309_7566.N1	05-MAY-2008 04:33:49	Dark	46.000	148	Alp Tuc	2.8780	4100.0	92	32309	No
68	GOM_TRA_1PNPDE20080505_043659_000000412068_00191_32309_7567.N1	05-MAY-2008 04:36:59	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32309	No
69	GOM_TRA_1PNPDE20080505_044315_000000382068_00191_32309_7568.N1	05-MAY-2008 04:43:15	Straylight	37.500	43	Alp TrA	1.9100	4250.0	75	32309	No
70	GOM_TRA_1PNPDE20080505_044527_000000352068_00191_32309_7569.N1	05-MAY-2008 04:45:27	Straylight	35.000	134	Bet TrA	2.8100	6600.0	70	32309	No
71	GOM_TRA_1PNPDE20080505_044725_000000422068_00191_32309_7570.N1	05-MAY-2008 04:47:25	Straylight	41.500	4	Alp1Cen	-0.010000	5800.0	83	32309	No
72	GOM_TRA_1PNPDE20080505_045053_000000392068_00191_32309_7571.N1	05-MAY-2008 04:50:53	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	32309	No
73	GOM_TRA_1PNPDE20080505_045225_000000382068_00191_32309_7572.N1	05-MAY-2008 04:52:25	Straylight	37.500	81	Eta Cen	2.3560	28000.	75	32309	No
74	GOM_TRA_1PNPDE20080505_045426_000000432068_00191_32309_7573.N1	05-MAY-2008 04:54:26	Tw_i_and_stray	43.000	54	5The Cen	2.0550	4500.0	86	32309	No
75	GOM_TRA_1PNPDE20080505_045839_000000392068_00191_32309_7574.N1	05-MAY-2008 04:58:39	Bright	39.000	169	46Gam Hya	2.9910	4700.0	78	32309	No
76	GOM_TRA_1PNPDE20080505_050156_000000382068_00191_32309_7575.N1	05-MAY-2008 05:01:56	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32309	No
77	GOM_TRA_1PNPDE20080505_050504_000000362068_00191_32309_7576.N1	05-MAY-2008 05:05:04	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	32309	No
78	GOM_TRA_1PNPDE20080505_050817_000000362068_00191_32309_7577.N1	05-MAY-2008 05:08:17	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	32309	No
79	GOM_TRA_1PNPDE20080505_051021_000000372068_00191_32309_7578.N1	05-MAY-2008 05:10:21	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	32309	No
80	GOM_TRA_1PNPDE20080505_051557_000000352068_00191_32309_7579.N1	05-MAY-2008 05:15:57	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32309	No
81	GOM_TRA_1PNPDE20080505_051913_000000362068_00191_32309_7580.N1	05-MAY-2008 05:19:13	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32309	No
82	GOM_TRA_1PNPDE20080505_052039_000000362068_00191_32309_7581.N1	05-MAY-2008 05:20:39	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	32309	No
83	GOM_TRA_1PNPDE20080505_052213_000000452068_00191_32309_7582.N1	05-MAY-2008 05:22:13	Bright	45.000	82	48Bet UMa	2.3650	10600.	90	32309	No
84	GOM_TRA_1PNPDE20080505_052328_000000372068_00191_32309_7583.N1	05-MAY-2008 05:23:28	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32309	No
85	GOM_TRA_1PNPDE20080505_052642_000000392068_00191_32309_7584.N1	05-MAY-2008 05:26:42	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32309	No
86	GOM_TRA_1PNPDE20080505_053041_000000362068_00191_32309_7585.N1	05-MAY-2008 05:30:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32309	No
87	GOM_TRA_1PNPDE20080505_053843_000000342068_00191_32309_7176.N1	05-MAY-2008 05:38:43	Bright	33.500	110	37Del Cas	2.6780	8900.0	67	32309	No
88	GOM_TRA_1PNPDE20080505_054001_000000422068_00191_32309_7177.N1	05-MAY-2008 05:40:01	Bright	42.000	68	18Alp Cas	2.2250	4500.0	84	32309	No
89	GOM_TRA_1PNPDE20080505_060048_000000432068_00191_32309_7178.N1	05-MAY-2008 06:00:48	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32309	No
90	GOM_TRA_1PNPDE20080505_060613_000000472068_00191_32309_7179.N1	05-MAY-2008 06:06:13	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	32309	No
91	GOM_TRA_1PNPDE20080505_061202_000000402068_00191_32309_7180.N1	05-MAY-2008 06:12:02	Dark	39.500	31	Alp Gru	1.7340	15200.	79	32309	No
92	GOM_TRA_1PNPDE20080505_061426_000000382068_00192_32310_7181.N1	05-MAY-2008 06:14:26	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	32310	No
93	GOM_TRA_1PNPDE20080505_061736_000000402068_00192_32310_7182.N1	05-MAY-2008 06:17:36	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32310	No
94	GOM_TRA_1PNPDE20080505_062352_000000432068_00192_32310_7183.N1	05-MAY-2008 06:23:52	Straylight	42.500	43	Alp TrA	1.9100	4250.0	85	32310	No
95	GOM_TRA_1PNPDE20080505_062604_000000372068_00192_32310_7184.N1	05-MAY-2008 06:26:04	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32310	No
96	GOM_TRA_1PNPDE20080505_062801_000000502068_00192_32310_7185.N1	05-MAY-2008 06:28:01	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	32310	No
97	GOM_TRA_1PNPDE20080505_063129_000000372068_00192_32310_7186.N1	05-MAY-2008 06:31:29	Straylight	37.000	78	Alp Lup	2.3040	28000.	74	32310	No
98	GOM_TRA_1PNPDE20080505_063301_000000382068_00192_32310_7187.N1	05-MAY-2008 06:33:01	Straylight	38.000	81	Eta Cen	2.3560	28000.	76	32310	No
99	GOM_TRA_1PNPDE20080505_063503_000000452068_00192_32310_7188.N1	05-MAY-2008 06:35:03	Tw_i_and_stray	45.000	54	5The Cen	2.0550	4500.0	90	32310	No
100	GOM_TRA_1PNPDE20080505_063915_000000382068_00192_32310_7189.N1	05-MAY-2008 06:39:15	Bright	37.500	169	46Gam Hya	2.9910	4700.0	75	32310	No
101	GOM_TRA_1PNPDE20080505_064232_000000382068_00192_32310_7190.N1	05-MAY-2008 06:42:32	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32310	No
102	GOM_TRA_1PNPDE20080505_064540_000000362068_00192_32310_7191.N1	05-MAY-2008 06:45:40	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	32310	No
103	GOM_TRA_1PNPDE20080505_064853_000000352068_00192_32310_7192.N1	05-MAY-2008 06:48:53	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32310	No
104	GOM_TRA_1PNPDE20080505_065057_000000372068_00192_32310_7193.N1	05-MAY-2008 06:50:57	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	32310	No
105	GOM_TRA_1PNPDE20080505_065633_000000352068_00192_32310_7194.N1	05-MAY-2008 06:56:33	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	32310	No
106	GOM_TRA_1PNPDE20080505_065949_000000372068_00192_32310_7195.N1	05-MAY-2008 06:59:49	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	32310	No
107	GOM_TRA_1PNPDE20080505_070115_000000362068_00192_32310_7196.N1	05-MAY-2008 07:01:15	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	32310	No
108	GOM_TRA_1PNPDE20080505_070249_000000292068_00192_32310_7197.N1	05-MAY-2008 07:02:49	Bright	29.000	82	48Bet UMa	2.3650	10600.	58	32310	No
109	GOM_TRA_1PNPDE20080505_070404_000000362068_00192_32310_7198.N1	05-MAY-2008 07:04:04	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	32310	No
110	GOM_TRA_1PNPDE20080505_070718_000000392068_00192_32310_7199.N1	05-MAY-2008 07:07:18	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	32310	No
111	GOM_TRA_1PNPDE20080505_071117_000000352068_00192_32310_7200.N1	05-MAY-2008 07:11:17	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32310	No
112	GOM_TRA_1PNPDE20080505_195250_000000492068_00200_32318_8225.N1	05-MAY-2008 19:52:50	Straylight	49.000	4	Alp1Cen	-0.010000	5800.0	98	32318	Yes
113	GOM_TRA_1PNPDE20080505_195619_000000402068_00200_32318_8226.N1	05-MAY-2008 19:56:19	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	32318	No
114	GOM_TRA_1PNPDE20080505_195751_000000412068_00200_32318_8227.N1	05-MAY-2008 19:57:51	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	32318	No
115	GOM_TRA_1PNPDE20080505_195952_000000442068_00200_32318_8228.N1	05-MAY-2008 19:59:52	Tw_i_and_stray	44.000	54	5The Cen	2.0550	4500.0	88	32318	No
116	GOM_TRA_1PNPDE20080505_200404_000000382068_00200_32318_8229.N1	05-MAY-2008 20:04:04	Bright	38.000	169	46Gam Hya	2.9910	4700.0	76	32318	No
117	GOM_TRA_1PNPDE20080505_200721_000000382068_00200_32318_8230.N1	05-MAY-2008 20:07:21	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32318	No
118	GOM_TRA_1PNPDE20080505_201029_000000372068_00200_32318_8231.N1	05-MAY-2008 20:10:29	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	32318	No
119	GOM_TRA_1PNPDE20080505_201342_000000352068_00200_32318_8232.N1	05-MAY-2008 20:13:42	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32318	No
120	GOM_TRA_1PNPDE20080505_201543_000000372068_00200_32318_8233.N1	05-MAY-2008 20:15:43	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	32318	No
121	GOM_TRA_1PNPDE20080505_202121_000000352068_00200_32318_8234.N1	05-MAY-2008 20:21:21	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32318	No
122	GOM_TRA_1PNPDE20080505_202436_000000362068_00200_32318_8235.N1	05-MAY-2008 20:24:36	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32318	No
123	GOM_TRA_1PNPDE20080505_202602_000000362068_00200_32318_8236.N1	05-MAY-2008 20:26:02	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	32318	No
124	GOM_TRA_1PNPDE20080505_202854_000000382068_00200_32318_8237.N1	05-MAY-2008 20:28:54	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	32318	No
125	GOM_TRA_1PNPDE20080505_203204_000000392068_00200_32318_8238.N1	05-MAY-2008 20:32:04	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	32318	No

126	GOM_TRA_1PNPDE20080505_203604_000000362068_00200_32318_8239.N1	05-MAY-2008 20:36:04	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32318	No
127	GOM_TRA_1PNPDE20080505_204410_000000332068_00200_32318_8240.N1	05-MAY-2008 20:44:10	Bright	32.500	76	27Gam Cas	2.3000	30000.	65	32318	No
128	GOM_TRA_1PNPDE20080505_204525_000000322068_00200_32318_8241.N1	05-MAY-2008 20:45:25	Bright	32.000	68	18Alp Cas	2.2250	4500.0	64	32318	No
129	GOM_TRA_1PNPDE20080505_210613_000000452068_00200_32318_8535.N1	05-MAY-2008 21:06:13	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32318	No
130	GOM_TRA_1PNPDE20080505_211142_000000452068_00200_32318_8536.N1	05-MAY-2008 21:11:42	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	32318	No
131	GOM_TRA_1PNPDE20080505_211731_000000392068_00200_32318_8537.N1	05-MAY-2008 21:17:31	Dark	39.000	31	Alp Gru	1.7340	15200.	78	32318	No
132	GOM_TRA_1PNPDE20080505_211953_000000382068_00201_32319_8538.N1	05-MAY-2008 21:19:53	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	32319	No
133	GOM_TRA_1PNPDE20080505_212305_000000402068_00201_32319_8539.N1	05-MAY-2008 21:23:05	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32319	No
134	GOM_TRA_1PNPDE20080505_212918_000000382068_00201_32319_8540.N1	05-MAY-2008 21:29:18	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32319	No
135	GOM_TRA_1PNPDE20080505_213130_000000382068_00201_32319_8541.N1	05-MAY-2008 21:31:30	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32319	No
136	GOM_TRA_1PNPDE20080505_213326_000000442068_00201_32319_8542.N1	05-MAY-2008 21:33:26	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	32319	No
137	GOM_TRA_1PNPDE20080505_213655_000000412068_00201_32319_8543.N1	05-MAY-2008 21:36:55	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	32319	No
138	GOM_TRA_1PNPDE20080505_213827_000000402068_00201_32319_8544.N1	05-MAY-2008 21:38:27	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32319	No
139	GOM_TRA_1PNPDE20080505_214028_000000422068_00201_32319_8545.N1	05-MAY-2008 21:40:28	Tw_i_and_stray	42.000	54	5The Cen	2.0550	4500.0	84	32319	No
140	GOM_TRA_1PNPDE20080505_214440_000000382068_00201_32319_8546.N1	05-MAY-2008 21:44:40	Bright	38.000	169	46Gam Hya	2.9910	4700.0	76	32319	No
141	GOM_TRA_1PNPDE20080505_214757_000000382068_00201_32319_8547.N1	05-MAY-2008 21:47:57	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32319	No
142	GOM_TRA_1PNPDE20080505_215105_000000362068_00201_32319_8548.N1	05-MAY-2008 21:51:05	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	32319	No
143	GOM_TRA_1PNPDE20080505_215418_000000352068_00201_32319_8549.N1	05-MAY-2008 21:54:18	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32319	No
144	GOM_TRA_1PNPDE20080505_215619_000000362068_00201_32319_8550.N1	05-MAY-2008 21:56:19	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	32319	No
145	GOM_TRA_1PNPDE20080505_220156_000000342068_00201_32319_8551.N1	05-MAY-2008 22:01:56	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32319	No
146	GOM_TRA_1PNPDE20080505_220511_000000362068_00201_32319_8552.N1	05-MAY-2008 22:05:11	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32319	No
147	GOM_TRA_1PNPDE20080505_220638_000000352068_00201_32319_8553.N1	05-MAY-2008 22:06:38	Bright	34.500	55	79Zet UMa	2.0600	10200.	69	32319	No
148	GOM_TRA_1PNPDE20080505_220930_000000372068_00201_32319_8554.N1	05-MAY-2008 22:09:30	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32319	No
149	GOM_TRA_1PNPDE20080505_221239_000000382068_00201_32319_8555.N1	05-MAY-2008 22:12:39	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32319	No
150	GOM_TRA_1PNPDE20080505_221640_000000362068_00201_32319_8556.N1	05-MAY-2008 22:16:40	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32319	No
151	GOM_TRA_1PNPDE20080505_222446_000000462068_00201_32319_8557.N1	05-MAY-2008 22:24:46	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	32319	No
152	GOM_TRA_1PNPDE20080505_222601_000000392068_00201_32319_8558.N1	05-MAY-2008 22:26:01	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	32319	No
153	GOM_TRA_1PNPDE20080505_224649_000000432068_00201_32319_8559.N1	05-MAY-2008 22:46:49	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32319	No
154	GOM_TRA_1PNPDE20080505_225218_000000462068_00201_32319_8807.N1	05-MAY-2008 22:52:18	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	32319	No
155	GOM_TRA_1PNPDE20080505_225808_000000402068_00201_32319_8808.N1	05-MAY-2008 22:58:08	Dark	40.000	31	Alp Gru	1.7340	15200.	80	32319	No
156	GOM_TRA_1PNPDE20080505_230029_000000382068_00202_32320_8809.N1	05-MAY-2008 23:00:29	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	32320	No
157	GOM_TRA_1PNPDE20080505_230342_000000392068_00202_32320_8810.N1	05-MAY-2008 23:03:42	Dark	38.500	45	Alp Pav	1.9400	26000.	77	32320	No
158	GOM_TRA_1PNPDE20080505_230954_000000402068_00202_32320_8811.N1	05-MAY-2008 23:09:54	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	32320	No
159	GOM_TRA_1PNPDE20080505_231206_000000382068_00202_32320_8812.N1	05-MAY-2008 23:12:06	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	32320	No
160	GOM_TRA_1PNPDE20080505_231402_000000432068_00202_32320_8813.N1	05-MAY-2008 23:14:02	Straylight	43.000	4	Alp1Cen	-0.010000	5800.0	86	32320	No
161	GOM_TRA_1PNPDE20080505_231731_000000392068_00202_32320_8814.N1	05-MAY-2008 23:17:31	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	32320	No
162	GOM_TRA_1PNPDE20080505_231903_000000382068_00202_32320_8815.N1	05-MAY-2008 23:19:03	Straylight	38.000	81	Eta Cen	2.3560	28000.	76	32320	No
163	GOM_TRA_1PNPDE20080505_232104_000000442068_00202_32320_8816.N1	05-MAY-2008 23:21:04	Tw_i_and_stray	43.500	54	5The Cen	2.0550	4500.0	87	32320	No
164	GOM_TRA_1PNPDE20080505_232516_000000392068_00202_32320_8817.N1	05-MAY-2008 23:25:16	Bright	39.000	169	46Gam Hya	2.9910	4700.0	78	32320	No
165	GOM_TRA_1PNPDE20080505_232833_000000392068_00202_32320_8818.N1	05-MAY-2008 23:28:33	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	32320	No
166	GOM_TRA_1PNPDE20080505_233141_000000362068_00202_32320_8819.N1	05-MAY-2008 23:31:41	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	32320	No
167	GOM_TRA_1PNPDE20080505_233454_000000352068_00202_32320_8820.N1	05-MAY-2008 23:34:54	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32320	No
168	GOM_TRA_1PNPDE20080505_233655_000000372068_00202_32320_8821.N1	05-MAY-2008 23:36:55	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	32320	No
169	GOM_TRA_1PNPDE20080505_234232_000000442068_00202_32320_8822.N1	05-MAY-2008 23:42:32	Bright	44.000	152	12Alp2CVn	2.8900	11000.	88	32320	No
170	GOM_TRA_1PNPDE20080505_234547_000000362068_00202_32320_8823.N1	05-MAY-2008 23:45:47	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32320	No
171	GOM_TRA_1PNPDE20080505_234713_000000342068_00202_32320_8824.N1	05-MAY-2008 23:47:13	Bright	33.500	55	79Zet UMa	2.0600	10200.	67	32320	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).

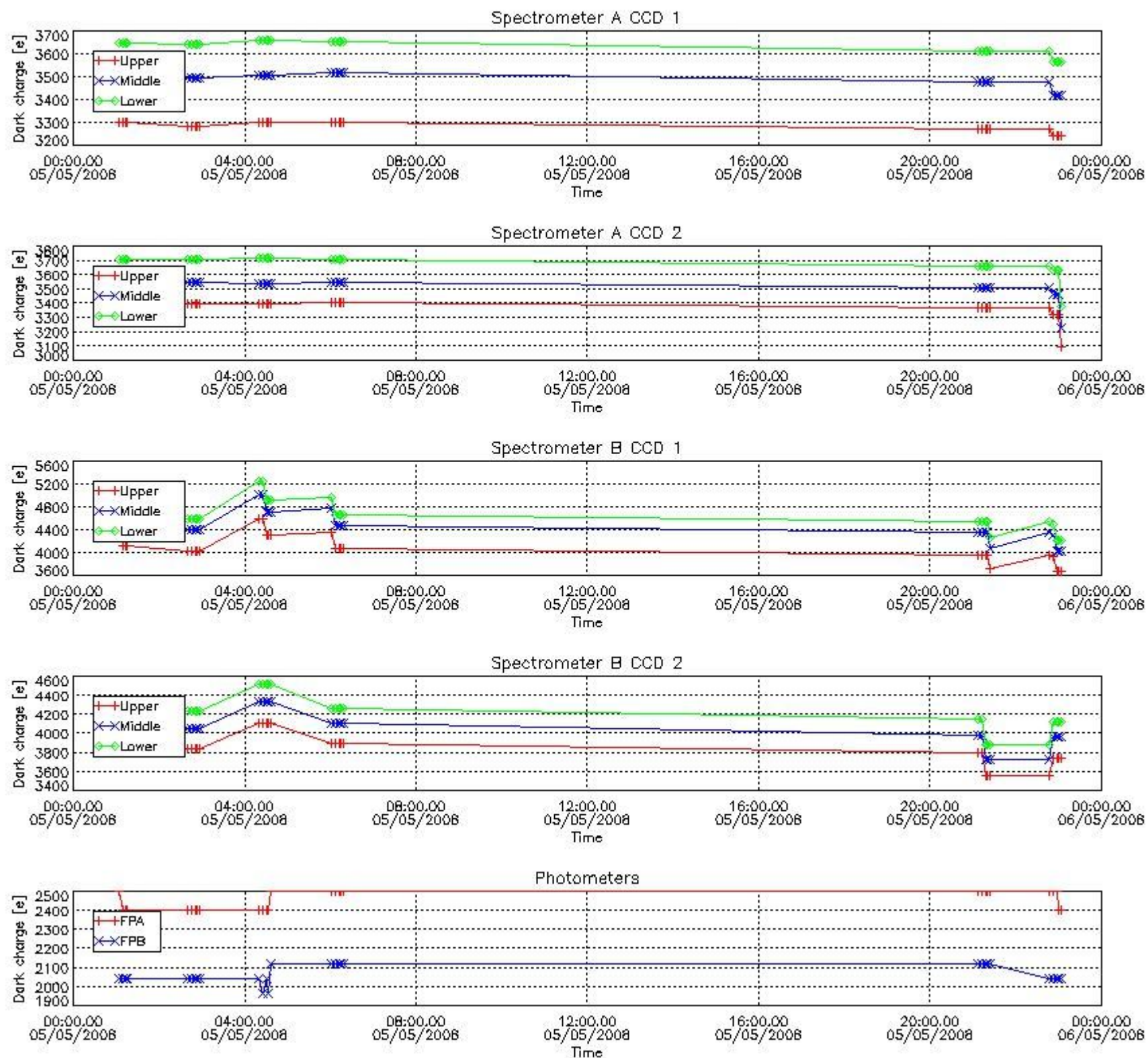
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20080505_195250_000000492068_00200_32318_8225.N1	DC map with no T dep.
GOM_TRA_1PNPDE20080505_195619_000000402068_00200_32318_8226.N1	DC map used
GOM_TRA_1PNPDE20080505_195751_000000412068_00200_32318_8227.N1	DC map used
GOM_TRA_1PNPDE20080505_195952_000000442068_00200_32318_8228.N1	DC map used
GOM_TRA_1PNPDE20080505_200404_000000382068_00200_32318_8229.N1	DC map used
GOM_TRA_1PNPDE20080505_200721_000000382068_00200_32318_8230.N1	DC map used
GOM_TRA_1PNPDE20080505_201029_000000372068_00200_32318_8231.N1	DC map used
GOM_TRA_1PNPDE20080505_201342_000000352068_00200_32318_8232.N1	DC map used
GOM_TRA_1PNPDE20080505_201543_000000372068_00200_32318_8233.N1	DC map used
GOM_TRA_1PNPDE20080505_202121_000000352068_00200_32318_8234.N1	DC map used
GOM_TRA_1PNPDE20080505_202436_000000362068_00200_32318_8235.N1	DC map used
GOM_TRA_1PNPDE20080505_202602_000000362068_00200_32318_8236.N1	DC map used
GOM_TRA_1PNPDE20080505_202854_000000382068_00200_32318_8237.N1	DC map used
GOM_TRA_1PNPDE20080505_203204_000000392068_00200_32318_8238.N1	DC map used

GOM_TRA_1PNPDE20080505_203604_000000362068_00200_32318_8239.N1	DC map used
GOM_TRA_1PNPDE20080505_204410_000000332068_00200_32318_8240.N1	DC map used
GOM_TRA_1PNPDE20080505_204525_000000322068_00200_32318_8241.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

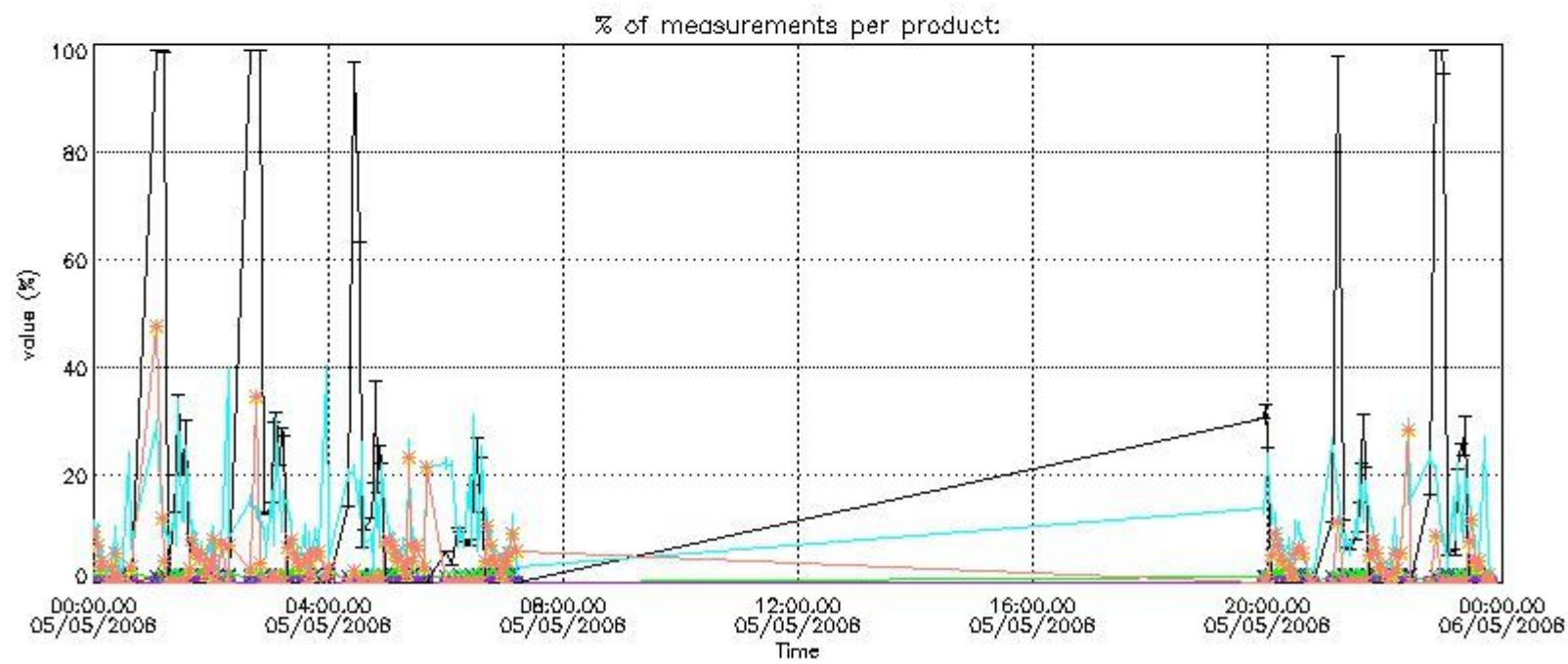
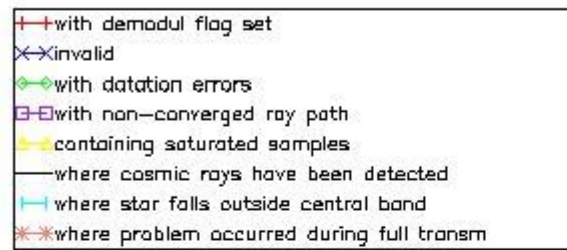
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors

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

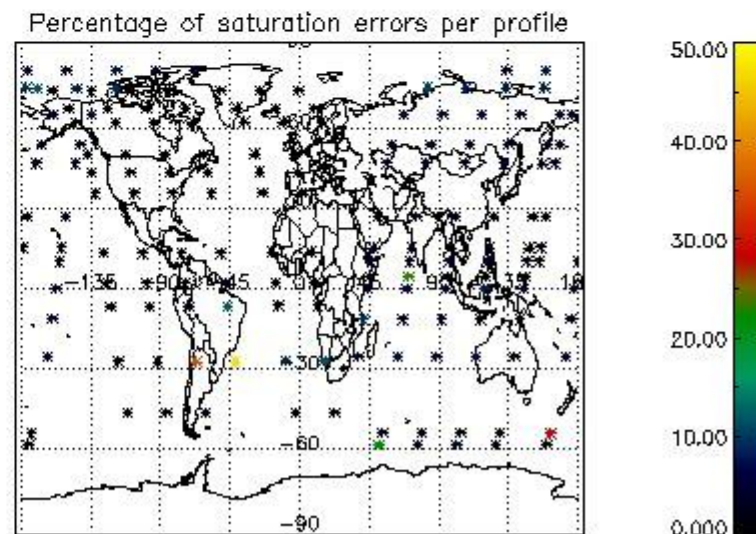
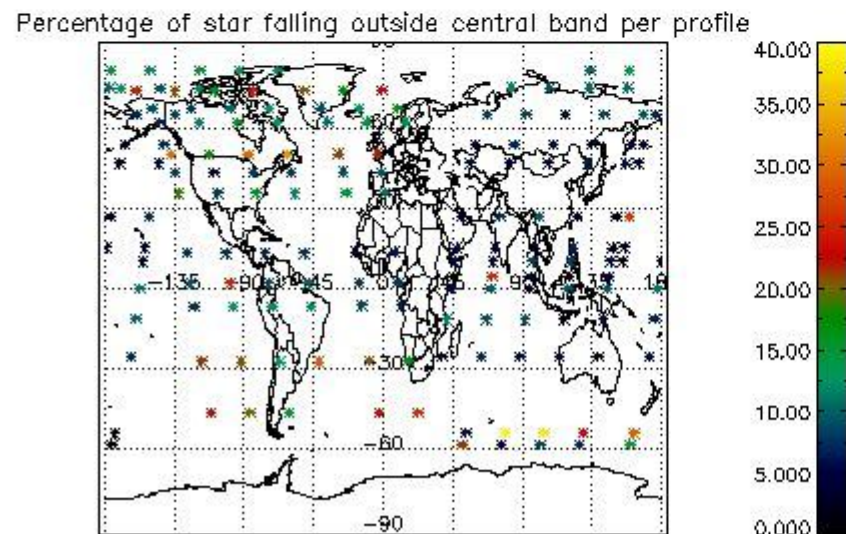
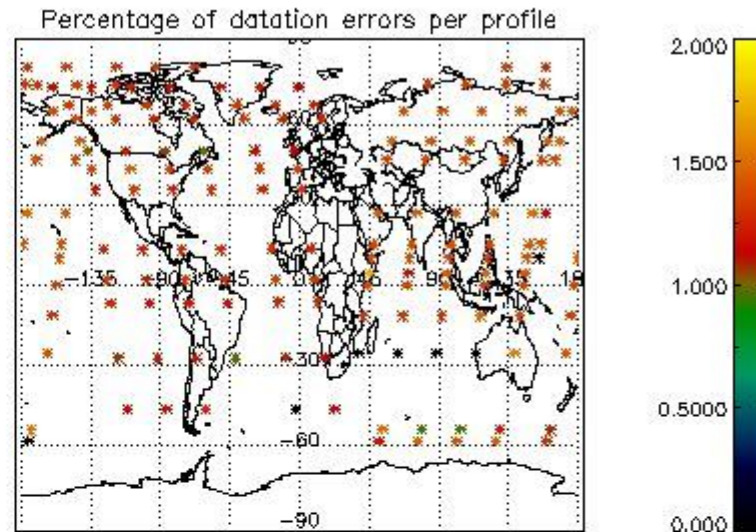
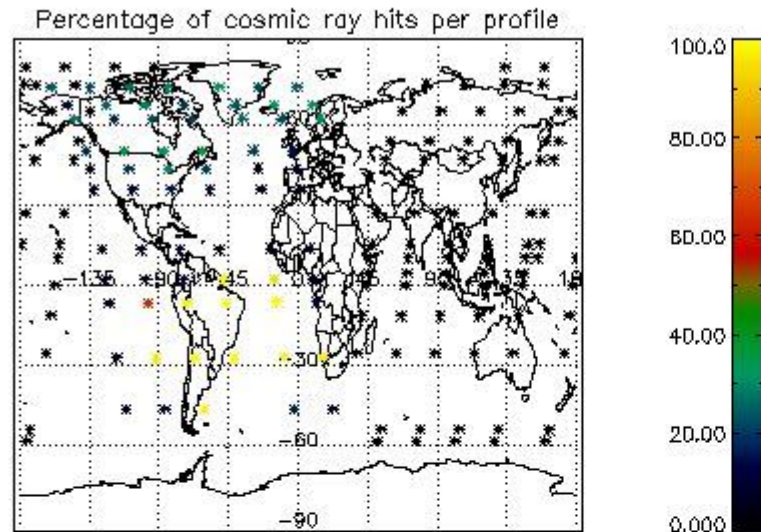
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	19.5266 %
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)



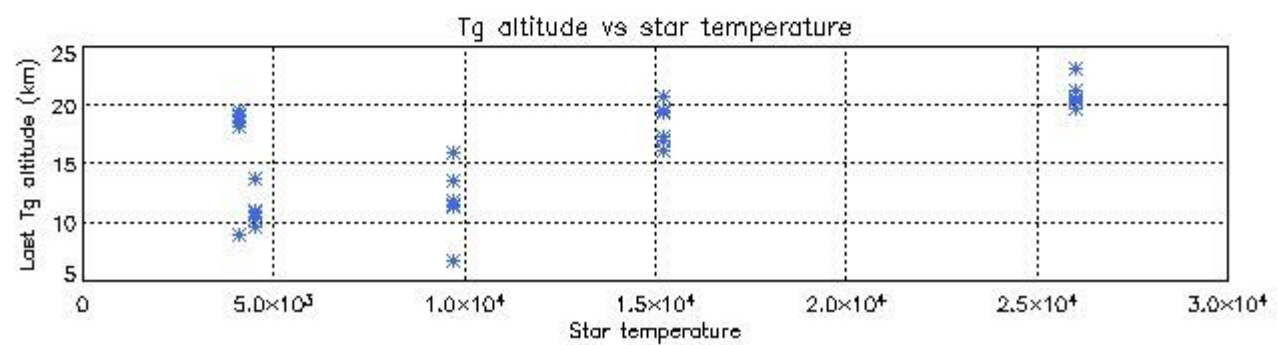
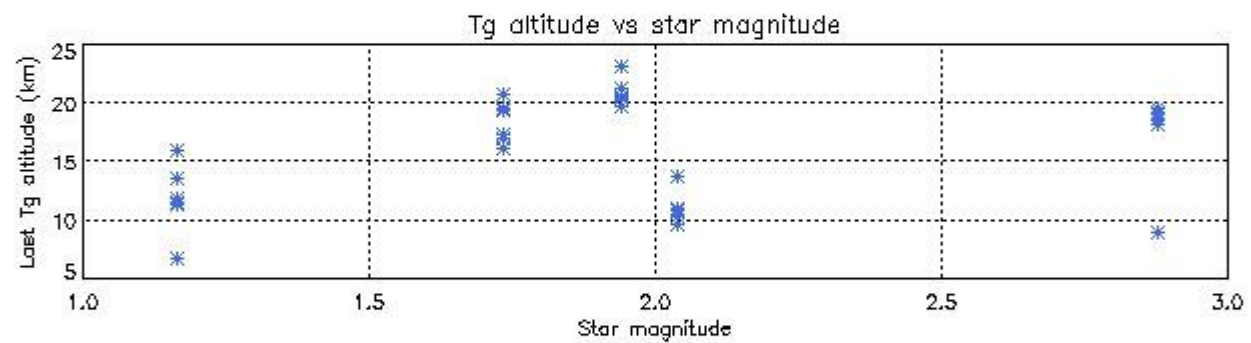
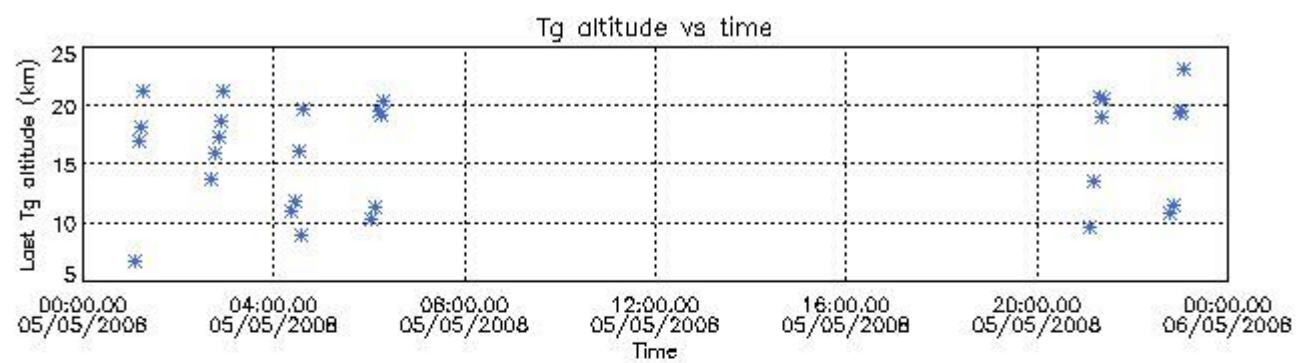
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	16.065	20.424	NaN
St. deviation:	4.5693	4.8691	NaN
Maximum:	23.087	40.280	NaN
Minimum:	6.6931	3.3191	NaN
Number of data:	29.000	101.00	NaN

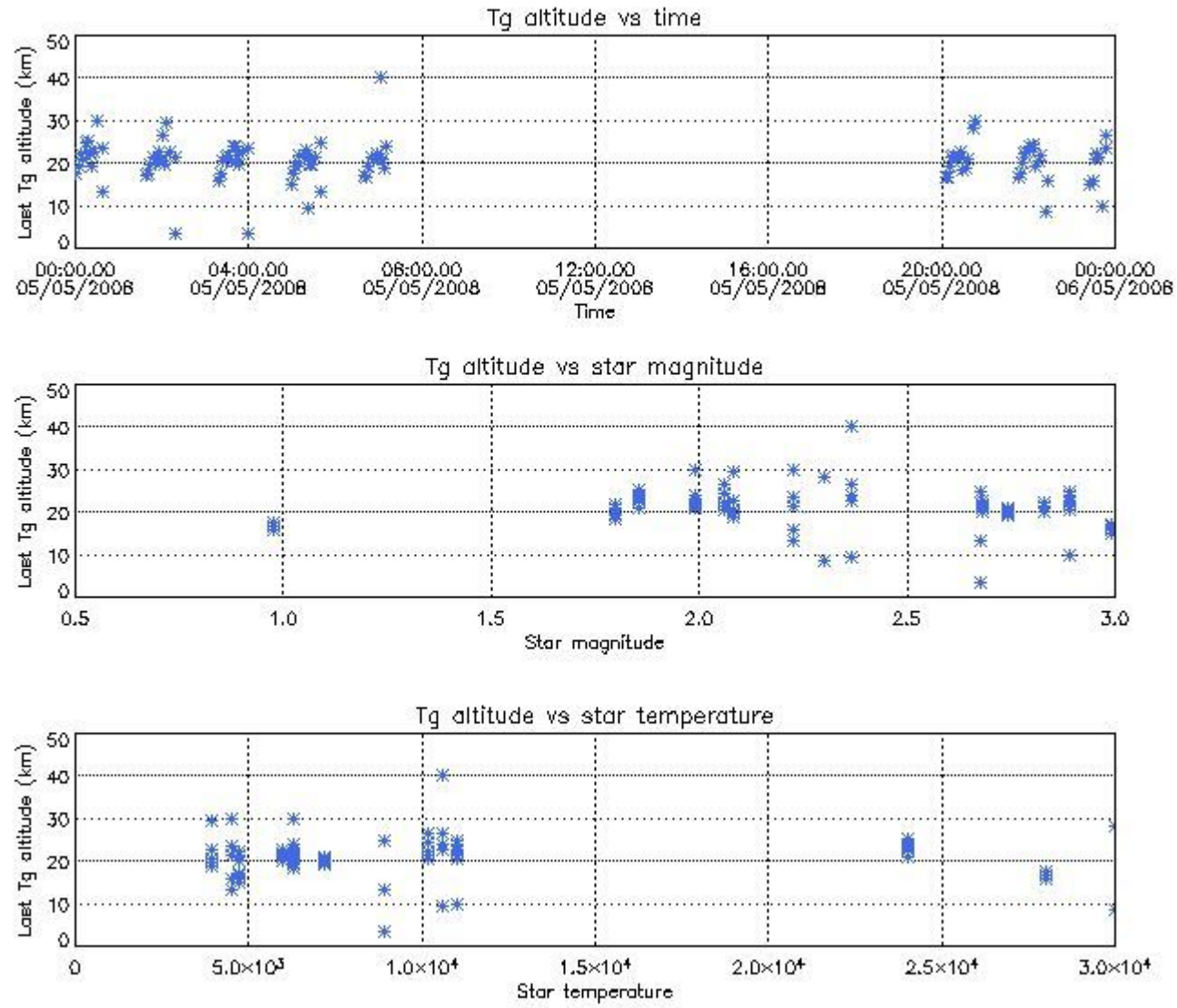
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

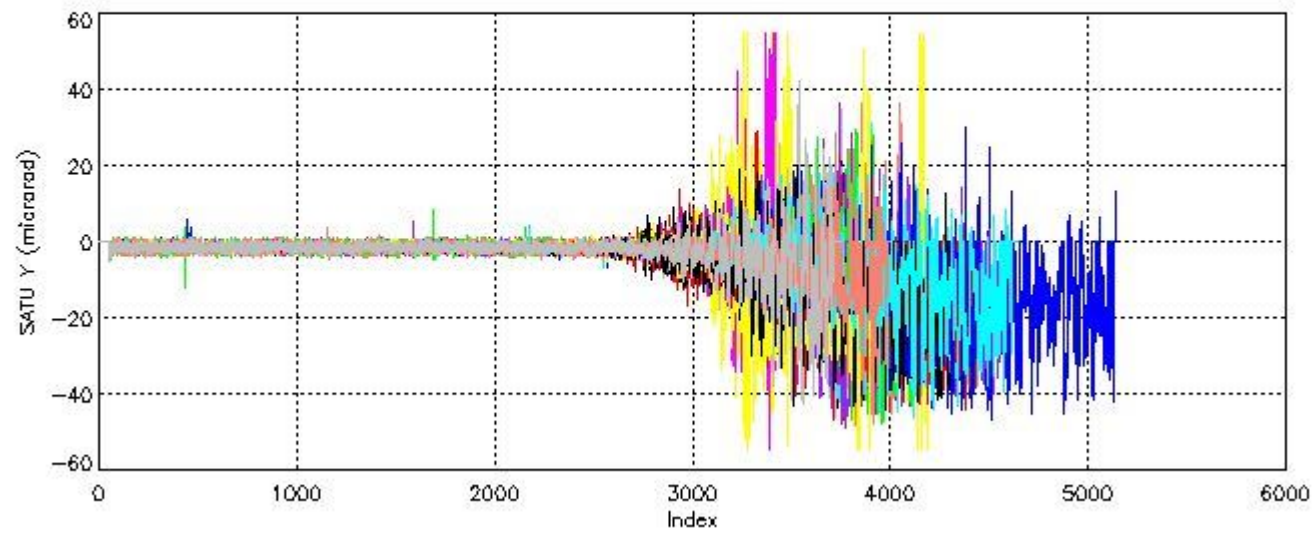
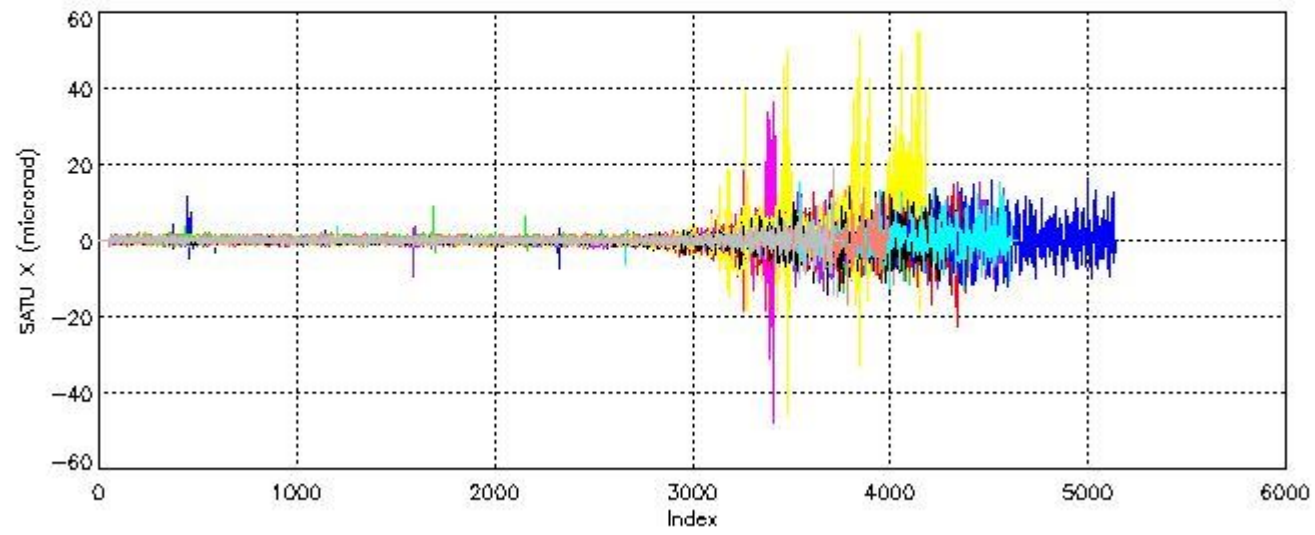


7. Star Acquisition and Tracking Unit (SATU)

The Star Acquisition and Tracking Unit (SATU) analyses the position of the tracked star beam collected by the GOMOS telescope and deflected by the optical beam dispatcher. The main function of the SATU is to detect a star, provide its image position to the science data electronics and to help the pointing function to keep the star image at a fixed position. In tracking mode the SATU data is recorded with a frequency of 100 Hz.

7.1 SATU 'X' and 'Y' axis plots (dark limb)

SATU CCD 'X' and 'Y' axis plots are provided in order to detect any abnormal behaviour of the tracking system. For every occultation (color) the plot should remain stable (with some noise) until we are deep in the atmosphere where big fluctuations are registered due to the refractive effects.



7.2 Statistics on SATU Noise Equivalent Angle (NEA) for DARK (D) and BRIGHT (B) products above 105 kms

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere.

Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.057478	-1.4215	0.020431	-1.3607
St. deviation:	0.46561	0.95429	0.78961	1.2513
Maximum:	11.500	5.7000	7.5000	6.4000
Minimum:	-4.5000	-12.000	-6.0000	-12.700

Number of data:	26250.	26250.	83100.	83100.
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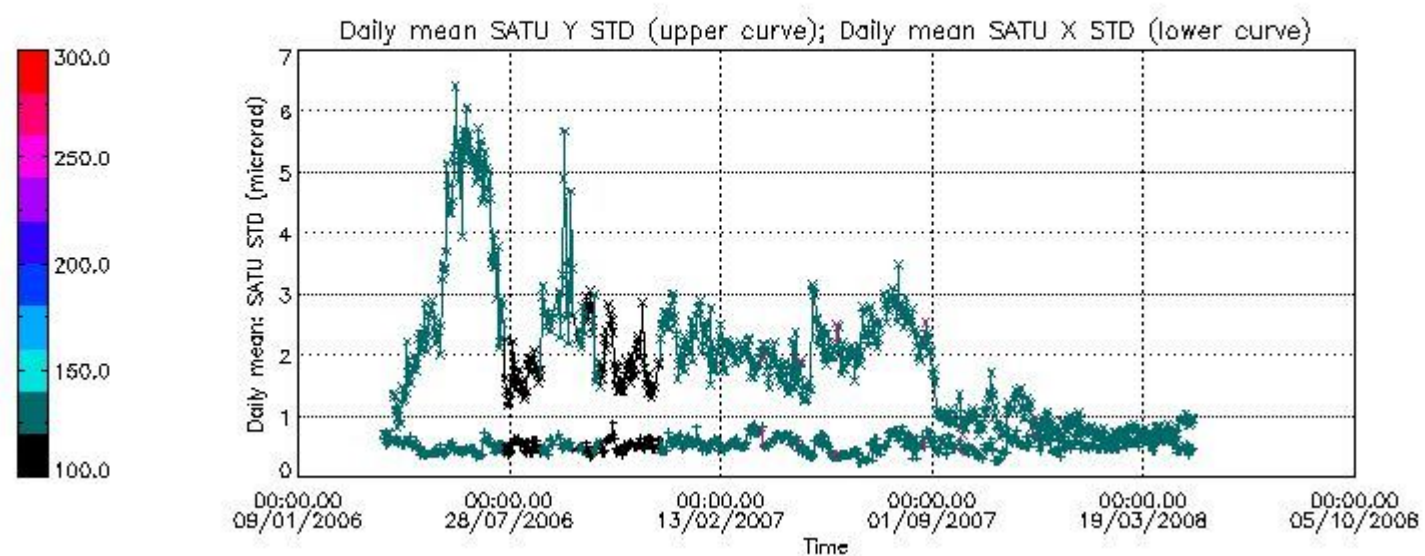
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

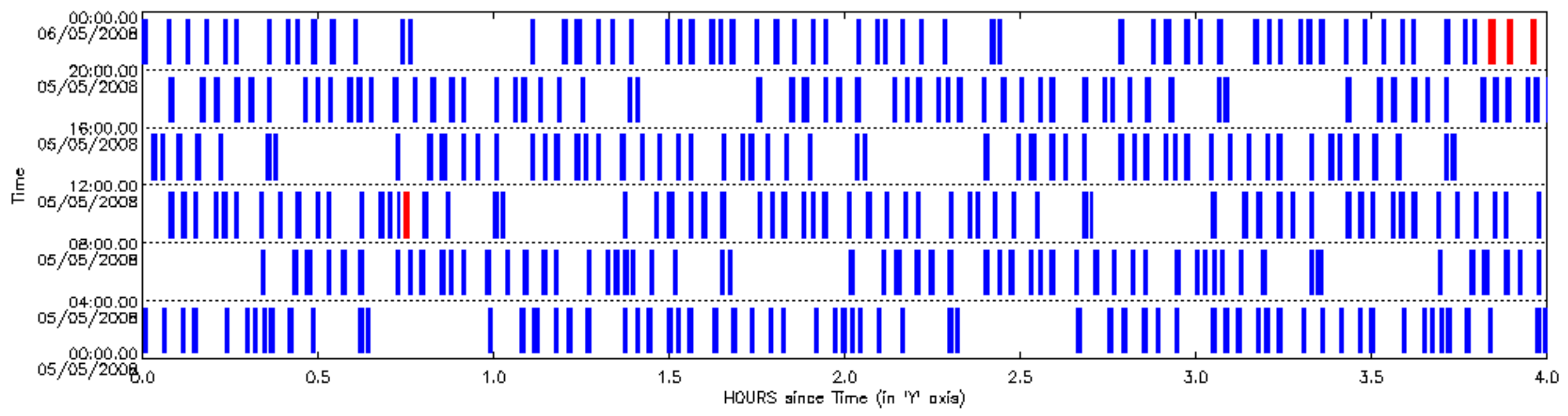
Lower curve: STD of SATU X axis

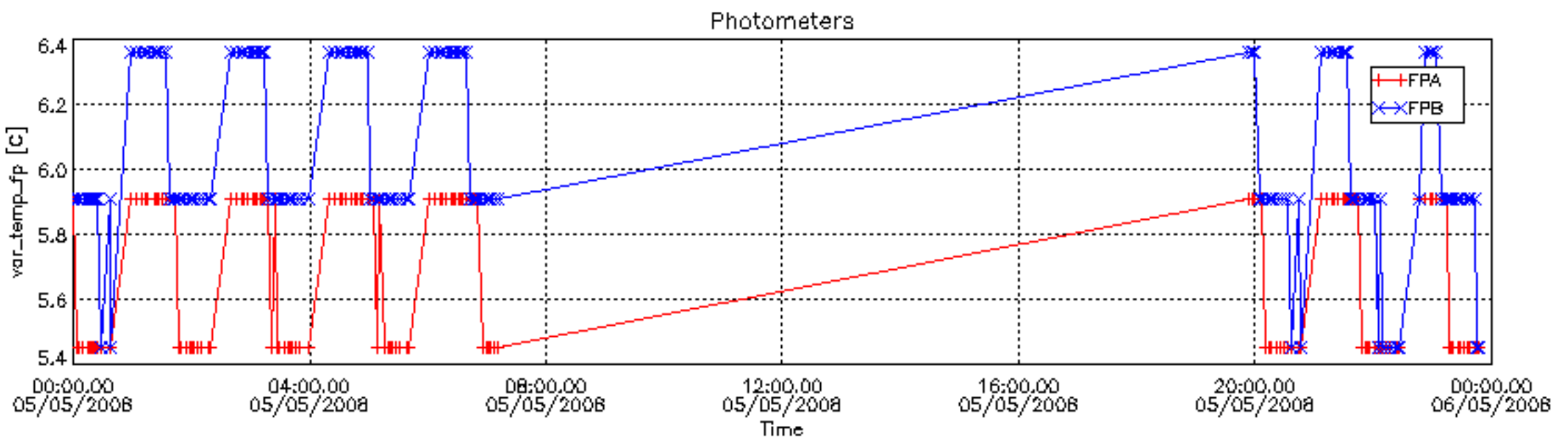
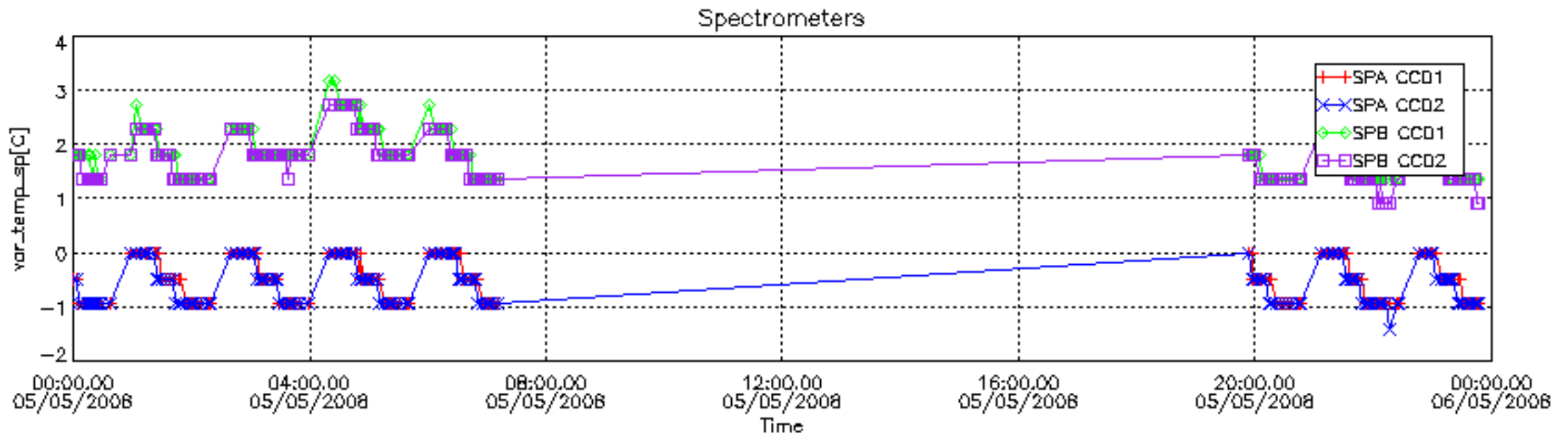


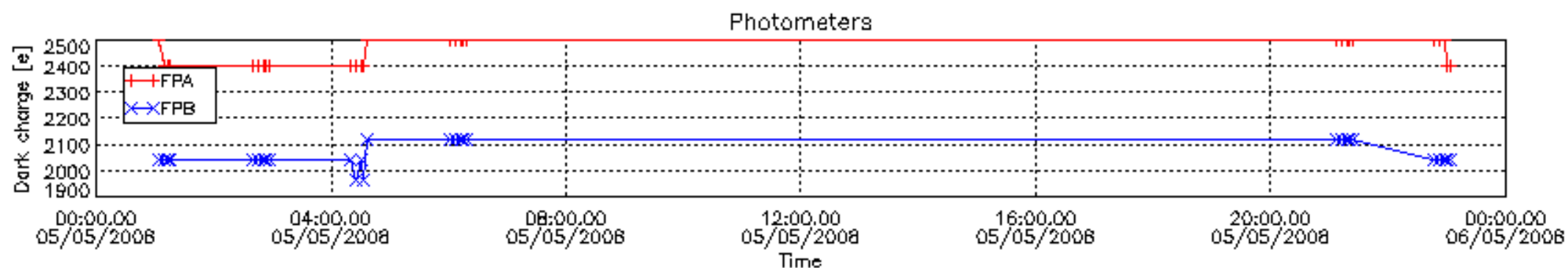
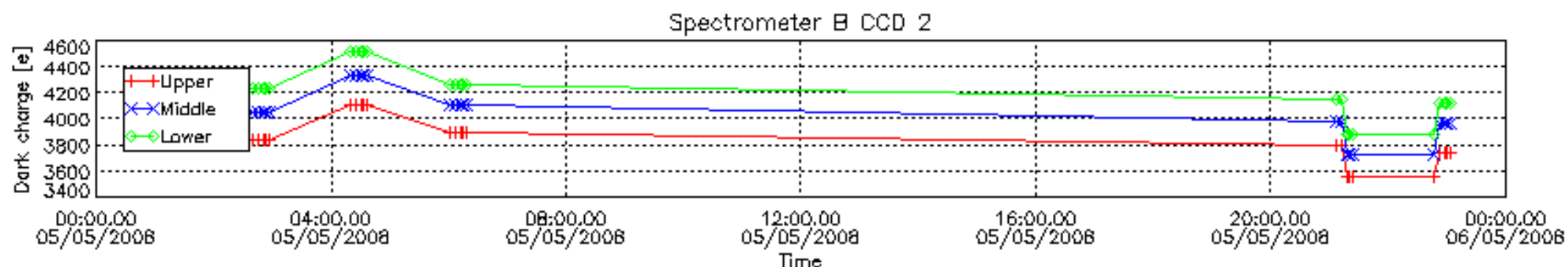
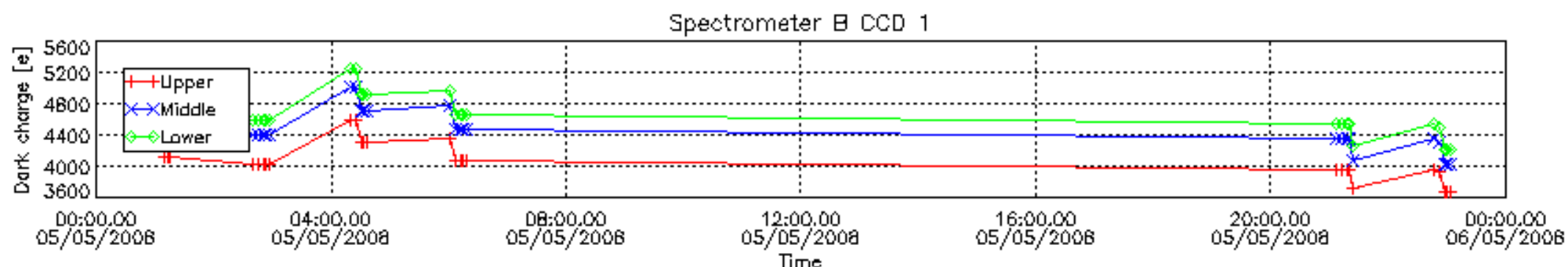
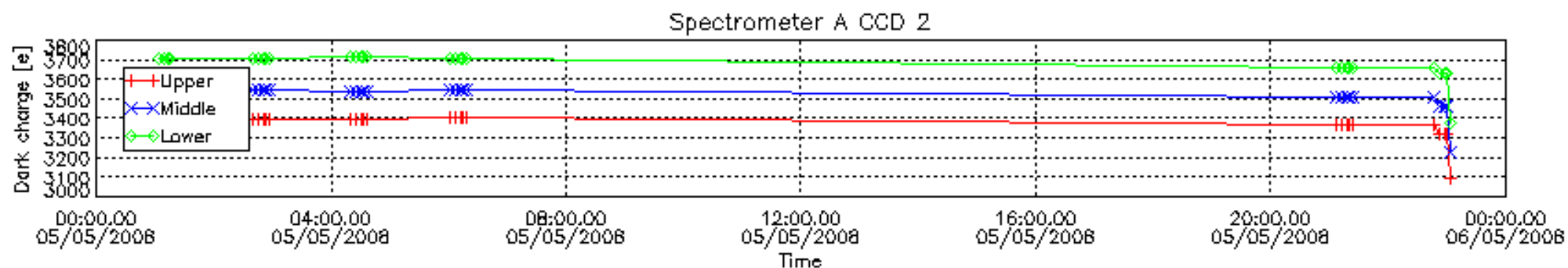
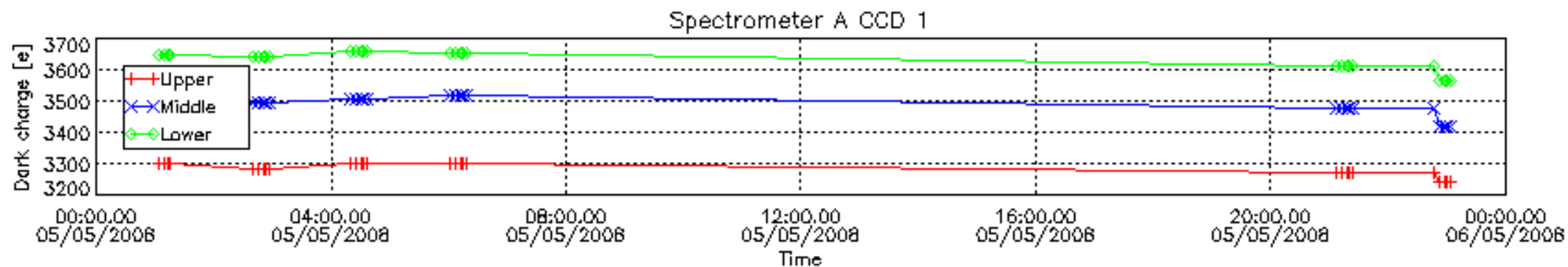
8. Auxiliary Data Files used for the production reported in section 2.4

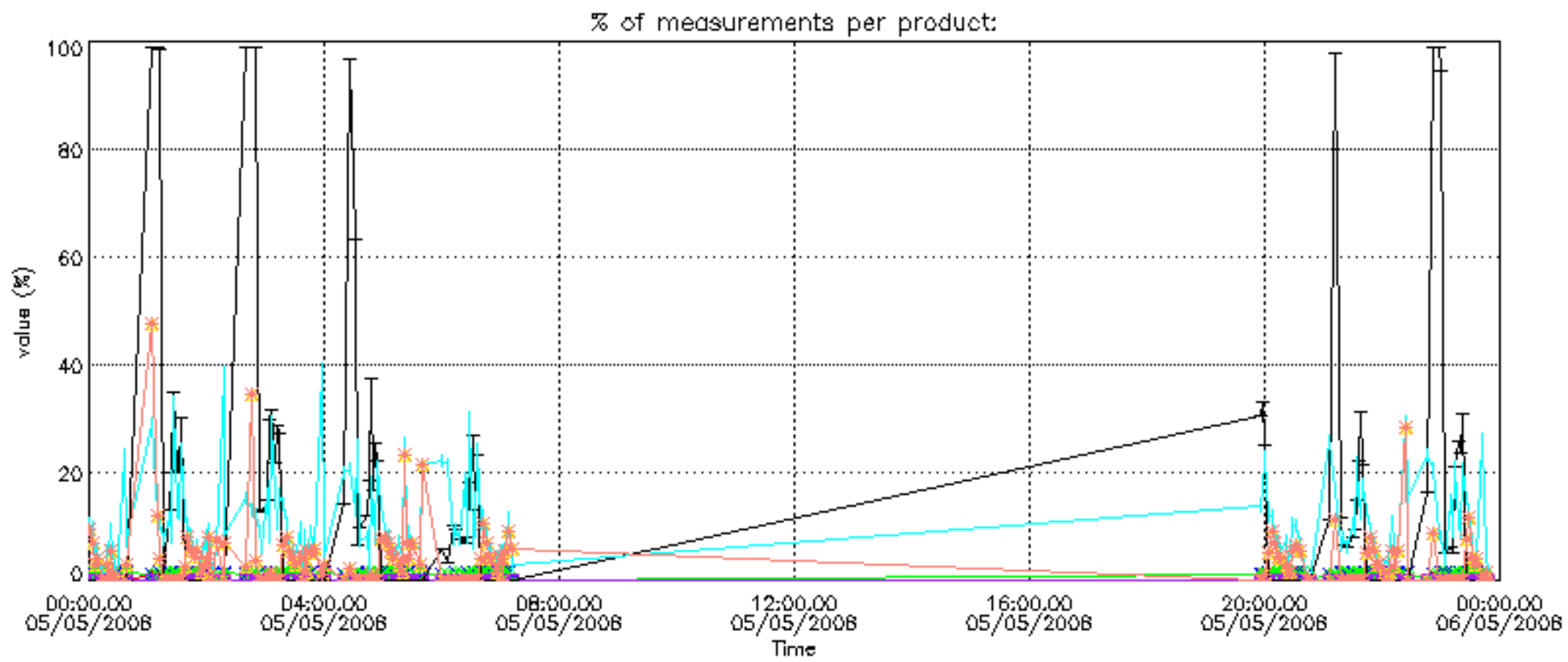
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	05-MAY-2008 00:00:08
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20080502_144908_20080430_000000_20100101_000000	1	05-MAY-2008 00:00:08
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	05-MAY-2008 00:00:08
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	05-MAY-2008 00:00:08
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	05-MAY-2008 00:00:08
ECMWF_FILE	AUX_ECF_AXNECM20080504_193517_20080504_210000_20080505_090000	1	05-MAY-2008 00:00:08
ECMWF_FILE	AUX_ECF_AXNECM20080504_191517_20080505_030000_20080505_150000	62	05-MAY-2008 03:58:07
ECMWF_FILE	AUX_ECF_AXNECM20080505_070114_20080505_150000_20080506_030000	112	05-MAY-2008 19:52:50
ECMWF_FILE	AUX_ECF_AXNECM20080505_072112_20080505_210000_20080506_090000	129	05-MAY-2008 21:06:13
OPTIONAL_ECMWF_FILE	MISSING	1	05-MAY-2008 00:00:08
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080504_231517_000057382068_00187_32305_5465.N1	1	05-MAY-2008 00:00:08
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080505_005614_000044632068_00188_32306_5466.N1	14	05-MAY-2008 00:59:00
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080505_021556_000054192068_00189_32307_5467.N1	37	05-MAY-2008 02:17:31
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080505_035134_000057382068_00190_32308_5468.N1	62	05-MAY-2008 03:58:07
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080505_053231_000057382068_00191_32309_5469.N1	87	05-MAY-2008 05:38:43
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080505_195315_000035072068_00200_32318_5470.N1	112	05-MAY-2008 19:52:50
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080505_205701_000060572068_00200_32318_5471.N1	154	05-MAY-2008 22:52:18

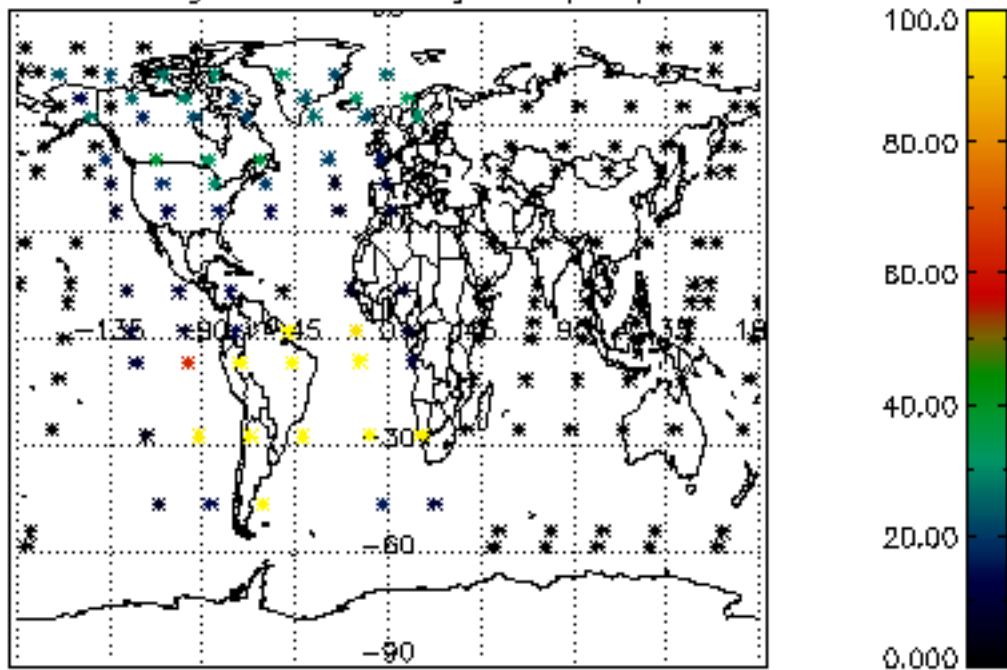




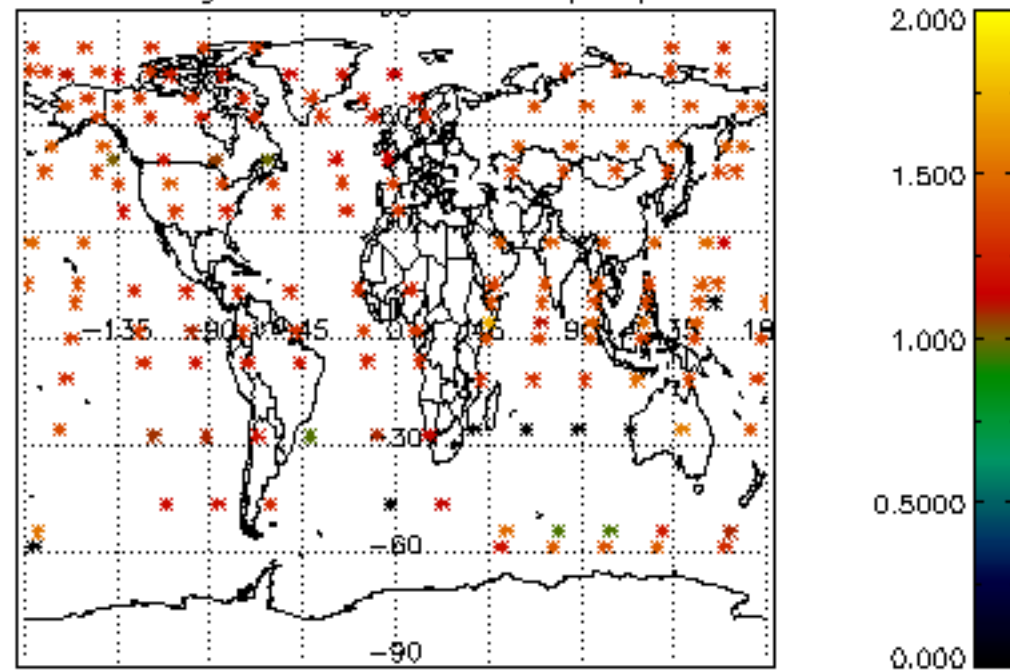




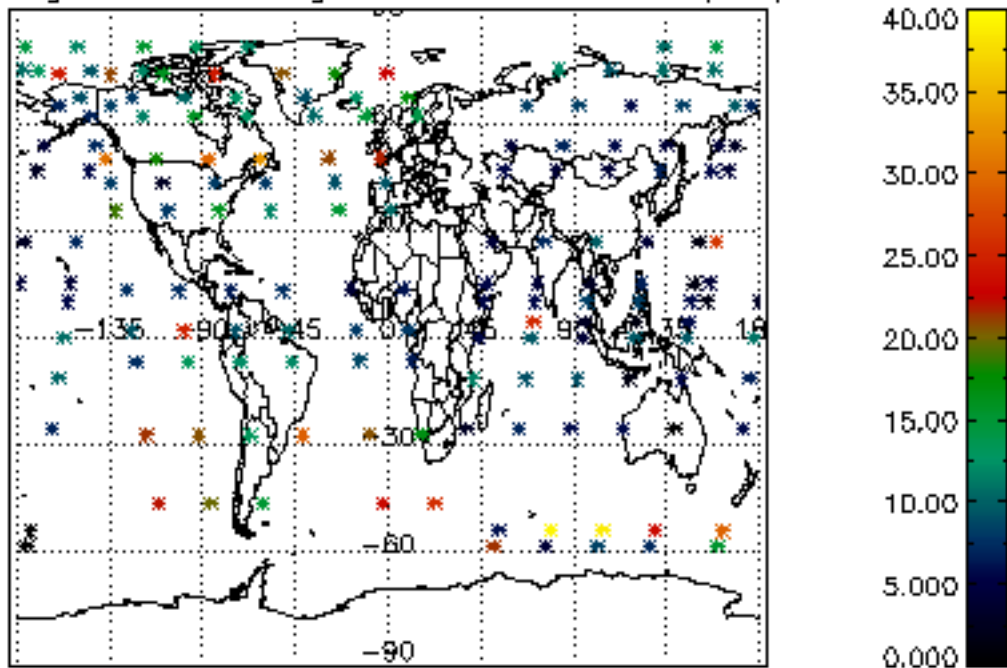
Percentage of cosmic ray hits per profile



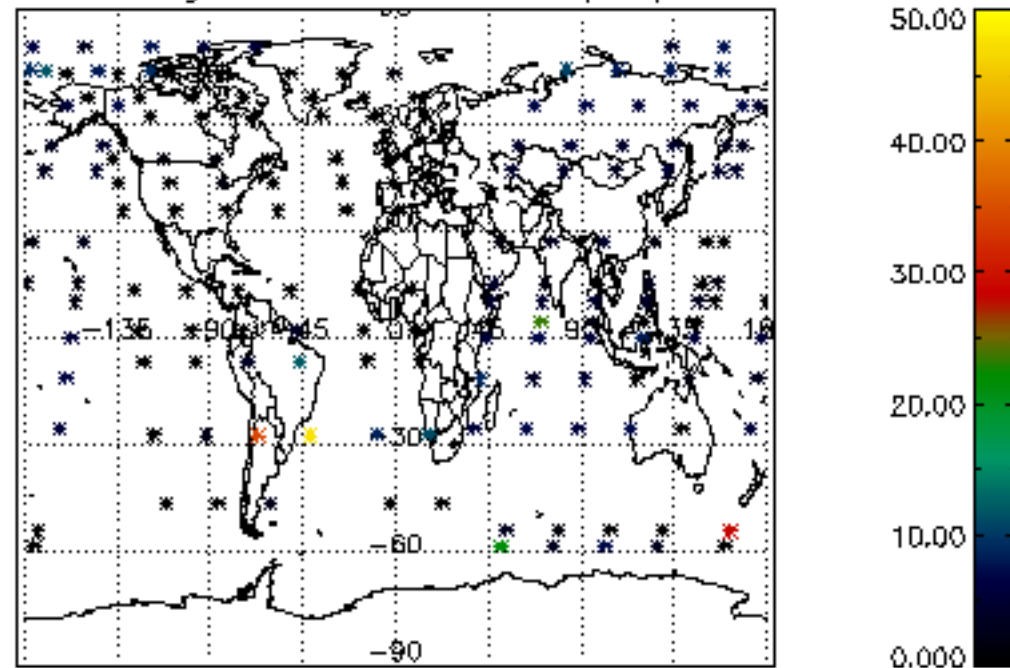
Percentage of datation errors per profile



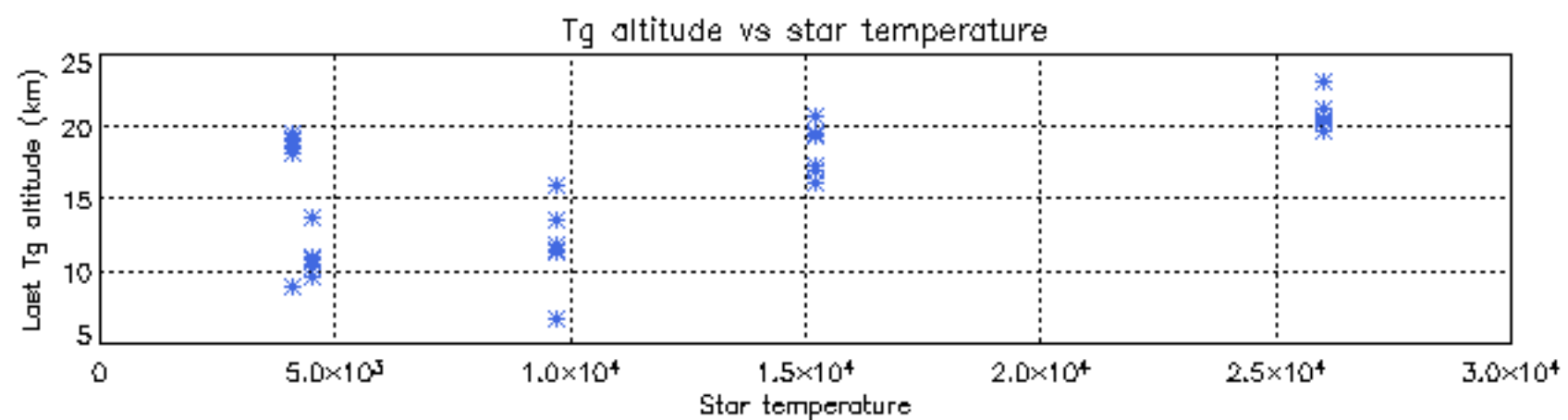
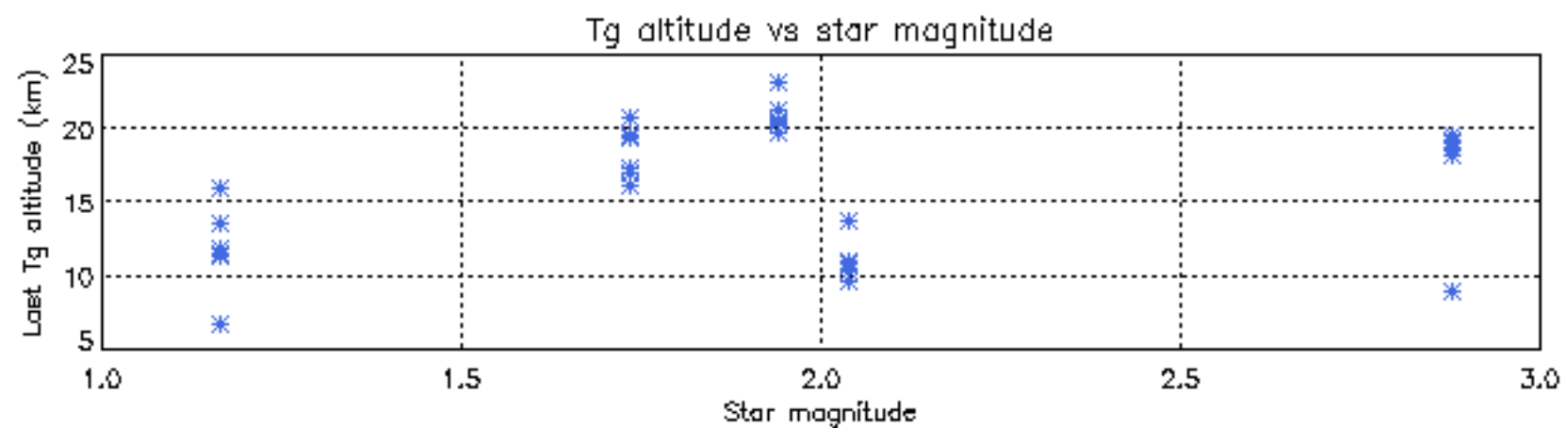
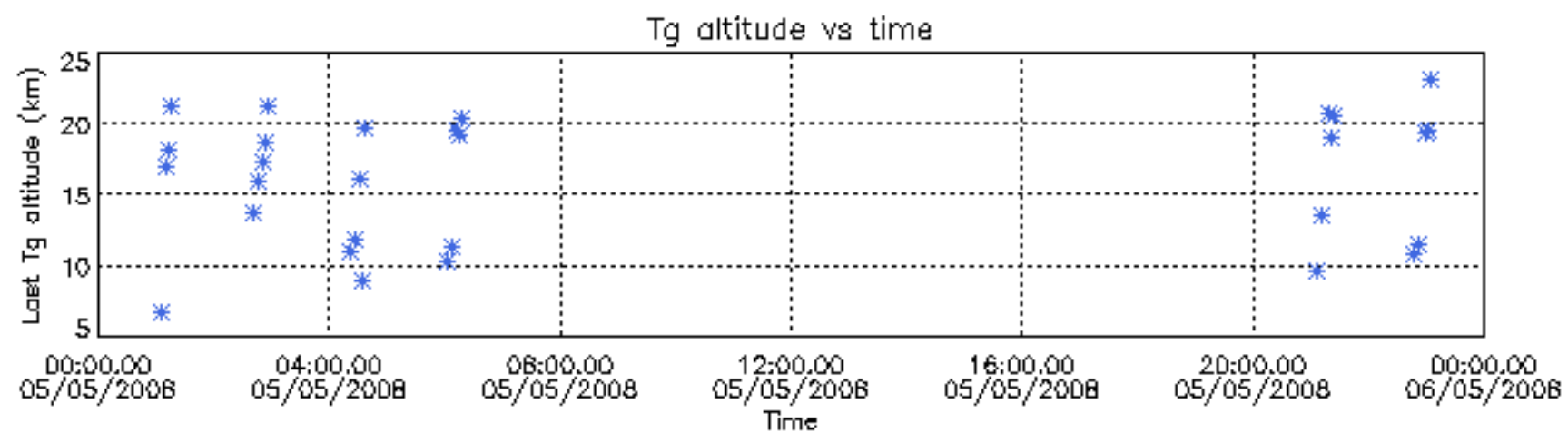
Percentage of star falling outside central band per profile



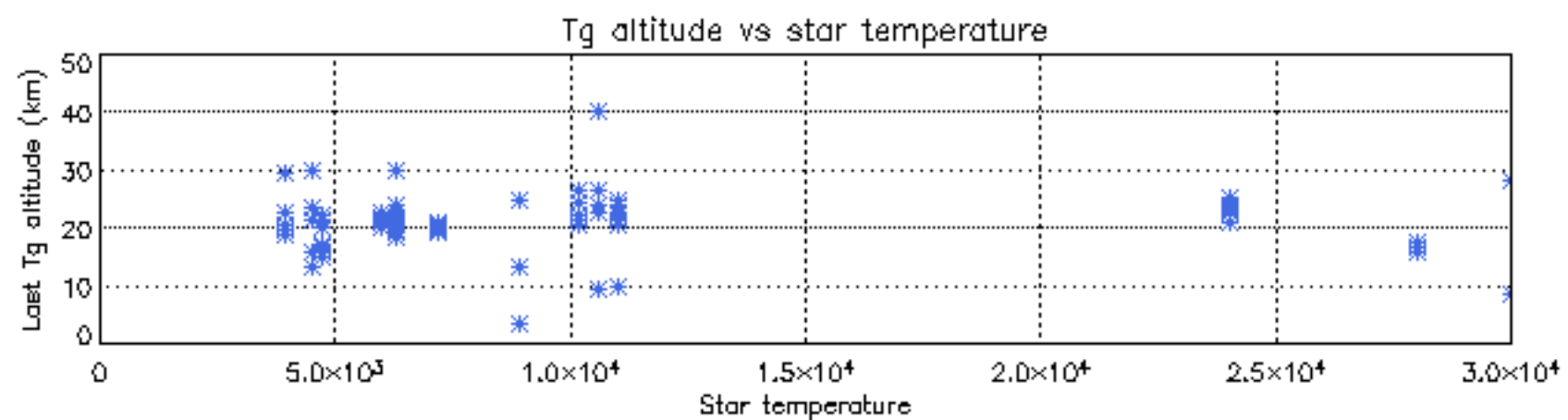
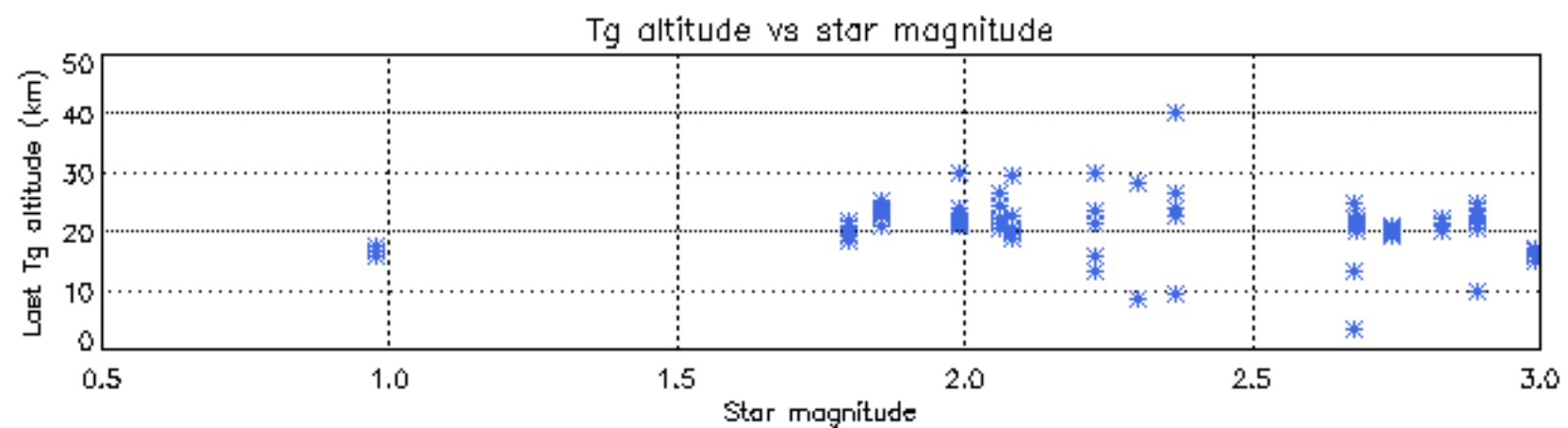
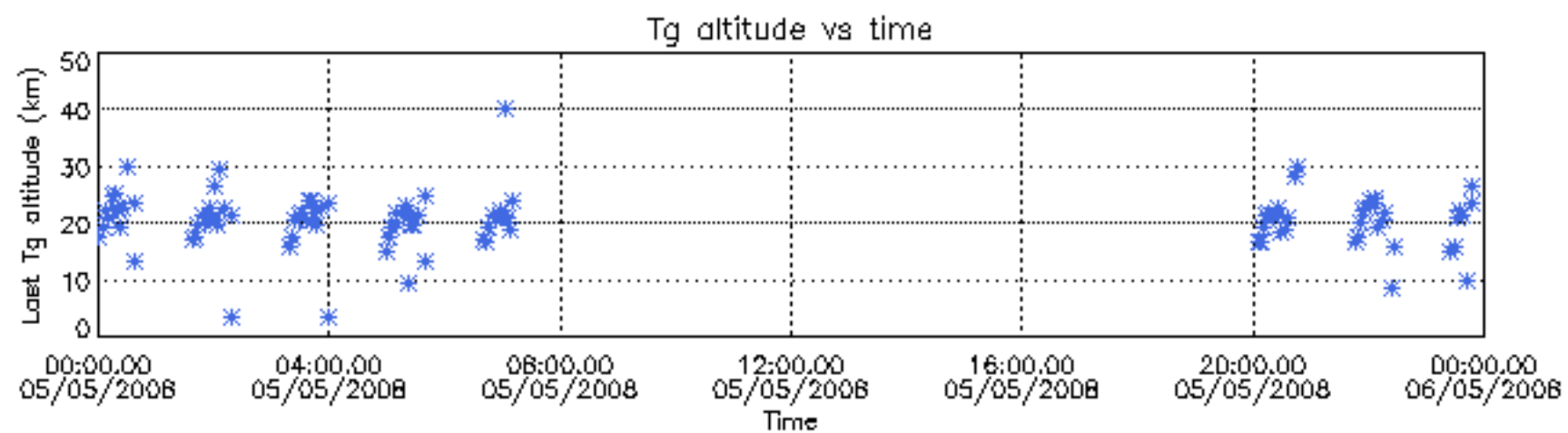
Percentage of saturation errors per profile

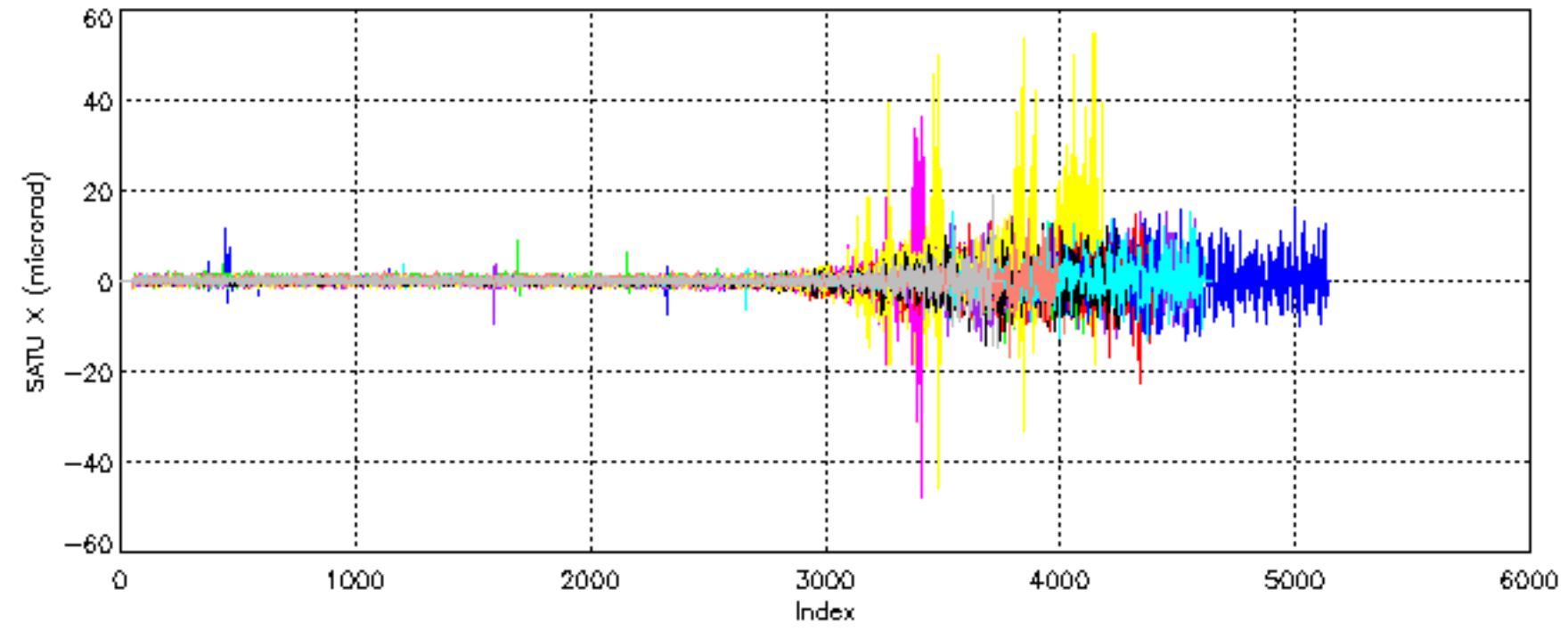


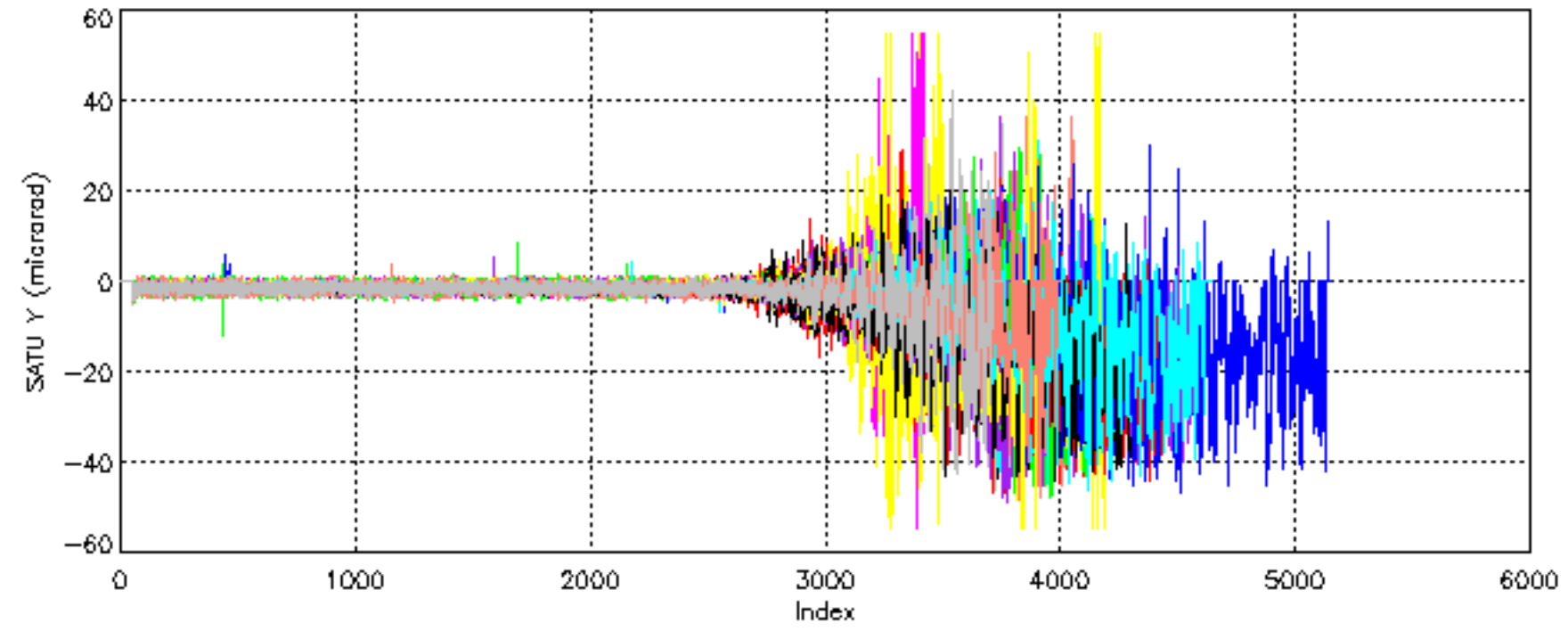
Tangent altitude at which the star is lost

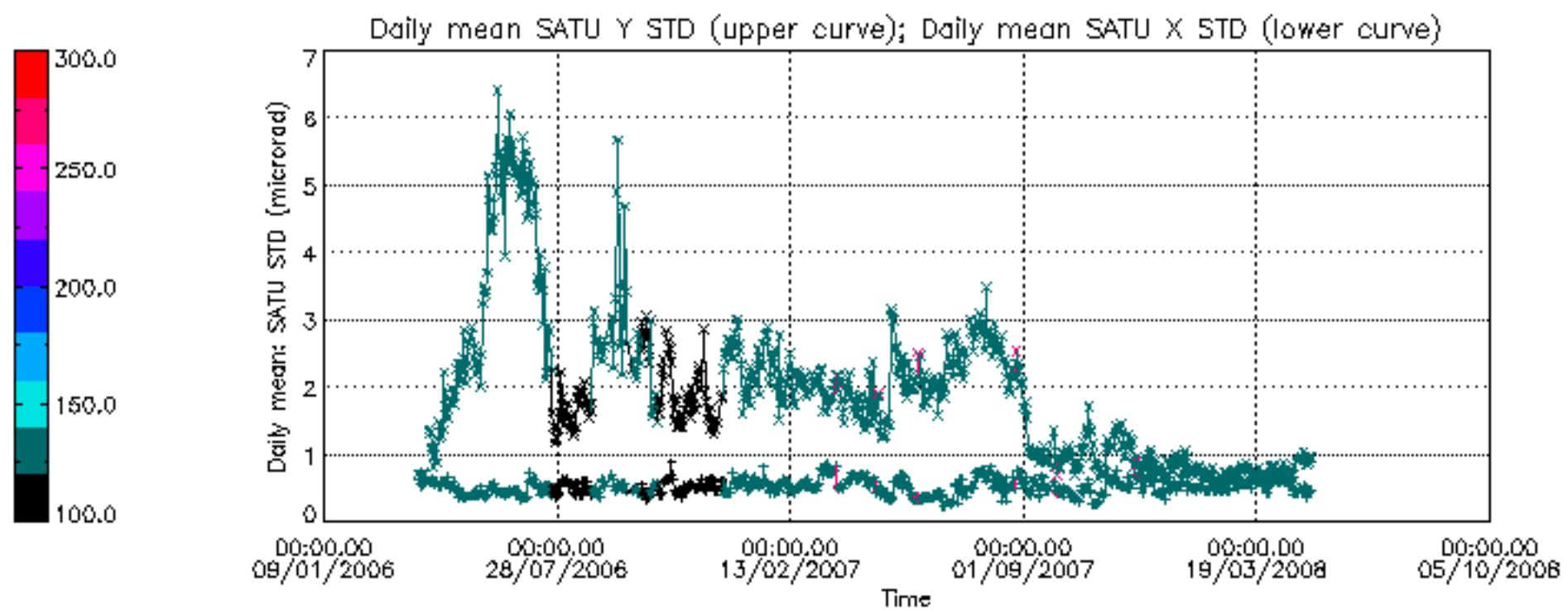


Tangent altitude at which the star is lost









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1; -788.6; 01-MAY-2008 01:24:47; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 6;32249
 2; -490.9; 01-MAY-2008 01:29:44; Dark ; 44.0; 18; 24Alp PsA ; 1.17; 9700;occ; 88; 0;32249
 3; -363.8; 01-MAY-2008 01:31:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32249
 4; -144.6; 01-MAY-2008 01:35:30; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;32249
 5; 579.3; 01-MAY-2008 01:47:34; Dark ; 38.5; 43; Alp TrA ; 1.91; 4250;occ; 77; 0;32250
 6; 711.2; 01-MAY-2008 01:49:46; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32250
 7; 834.0; 01-MAY-2008 01:51:49; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;32250
 8; 925.5; 01-MAY-2008 01:53:21; Dark ; 37.0; 20; Bet Cru ; 1.25; 30000;occ; 74; 0;32250
 9; 999.9; 01-MAY-2008 01:54:35; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0;32250
 10; 1107.3; 01-MAY-2008 01:56:22; Dark ; 36.5; 64; Gam Cen ; 2.20; 10600;occ; 73; 0;32250
 11; 1257.2; 01-MAY-2008 01:58:52; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;32250
 12; 1513.6; 01-MAY-2008 02:03:09; Dark ; 41.0; 169; 46Gam Hya ; 2.99; 4700;occ; 82; 0;32250
 13; 1712.8; 01-MAY-2008 02:06:28; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;32250
 14; 1897.6; 01-MAY-2008 02:09:33; Bright; 49.0; 121; 29Gam Vir ; 2.74; 7200;occ; 98; 0;32250
 15; 2096.0; 01-MAY-2008 02:12:51; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;32250
 16; 2204.4; 01-MAY-2008 02:14:40; Bright; 36.0; 62; 94Bet Leo ; 2.14; 9700;occ; 72; 0;32250
 17; 2559.7; 01-MAY-2008 02:20:35; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;32250
 18; 2729.7; 01-MAY-2008 02:23:25; Bright; 34.5; 174; 52Psi UMa ; 3.00; 4400;occ; 69; 0;32250
 19; 2833.8; 01-MAY-2008 02:25:09; Bright; 36.0; 87; 64Gam UMa ; 2.43; 11000;occ; 72; 0;32250
 20; 2918.7; 01-MAY-2008 02:26:34; Bright; 35.5; 82; 48Bet UMa ; 2.37; 10600;occ; 71; 0;32250
 21; 2997.3; 01-MAY-2008 02:27:52; Bright; 36.0; 36; 50Alp UMa ; 1.80; 6300;occ; 72; 0;32250
 22; 3444.8; 01-MAY-2008 02:35:20; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32250

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 4; -490.3; 01-MAY-2008 03:10:21; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;32250
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 6; -144.0; 01-MAY-2008 03:16:07; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;32250
 7; 579.7; 01-MAY-2008 03:28:11; Dark ; 39.5; 43; Alp TrA ; 1.91; 4250;occ; 79; 0;32251
 8; 711.5; 01-MAY-2008 03:30:23; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32251
 9; 834.4; 01-MAY-2008 03:32:25; Dark ; 44.5; 4; Alp1Cen ; -0.01; 5800;occ; 89; 0;32251
 10; 925.8; 01-MAY-2008 03:33:57; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;32251
 11; 1000.2; 01-MAY-2008 03:35:11; Dark ; 36.5; 77; Eps Cen ; 2.30; 28000;occ; 73; 0;32251
 12; 1107.6; 01-MAY-2008 03:36:59; Dark ; 38.5; 64; Gam Cen ; 2.20; 10600;occ; 77; 0;32251
 13; 1257.5; 01-MAY-2008 03:39:29; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;32251
 14; 1514.0; 01-MAY-2008 03:43:45; Dark ; 44.5; 169; 46Gam Hya ; 2.99; 4700;occ; 89; 0;32251
 15; 1713.1; 01-MAY-2008 03:47:04; Bright; 37.5; 15; 67Alp Vir ; 0.98; 28000;occ; 75; 0;32251
 16; 1897.7; 01-MAY-2008 03:50:09; Bright; 35.5; 121; 29Gam Vir ; 2.74; 7200;occ; 71; 0;32251
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 21; 2834.1; 01-MAY-2008 04:05:45; Bright; 34.0; 87; 64Gam UMa ; 2.43; 11000;occ; 68; 0;32251
 22; 2919.2; 01-MAY-2008 04:07:10; Bright; 40.5; 82; 48Bet UMa ; 2.37; 10600;occ; 81; 0;32251
 23; 2997.7; 01-MAY-2008 04:08:29; Bright; 32.5; 36; 50Alp UMa ; 1.80; 6300;occ; 65; 0;32251
 24; 3444.9; 01-MAY-2008 04:15:56; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32251

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 2; -2034.8; 01-MAY-2008 04:25:12; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;32251
 3; -791.3; 01-MAY-2008 04:45:56; Dark ; 43.0; 52; 16Bet Cet ; 2.04; 4500;occ; 86; 0;32251
 4; -489.8; 01-MAY-2008 04:50:57; Dark ; 45.0; 18; 24Alp PsA ; 1.17; 9700;occ; 90; 0;32251
 5; -362.6; 01-MAY-2008 04:53:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32251
 6; -143.4; 01-MAY-2008 04:56:44; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;32251
 7; 580.1; 01-MAY-2008 05:08:47; Dark ; 40.5; 43; Alp TrA ; 1.91; 4250;occ; 81; 0;32252
 8; 711.8; 01-MAY-2008 05:10:59; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32252
 9; 834.7; 01-MAY-2008 05:13:02; Dark ; 42.5; 4; Alp1Cen ; -0.01; 5800;occ; 85; 0;32252
 10; 925.9; 01-MAY-2008 05:14:33; Dark ; 39.0; 20; Bet Cru ; 1.25; 30000;occ; 78; 0;32252
 11; 1000.4; 01-MAY-2008 05:15:48; Dark ; 38.0; 77; Eps Cen ; 2.30; 28000;occ; 76; 0;32252
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 14; 1514.2; 01-MAY-2008 05:24:21; Bright; 36.5; 169; 46Gam Hya ; 2.99; 4700;occ; 73; 0;32252
 15; 1713.2; 01-MAY-2008 05:27:40; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;32252
 16; 1898.0; 01-MAY-2008 05:30:45; Bright; 36.0; 121; 29Gam Vir ; 2.74; 7200;occ; 72; 0;32252
 17; 2096.4; 01-MAY-2008 05:34:03; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;32252
 18; 2205.2; 01-MAY-2008 05:35:52; Bright; 39.0; 62; 94Bet Leo ; 2.14; 9700;occ; 78; 0;32252
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20; 2730.6; 01-MAY-2008 05:44:38; Bright; 36.0; 174; 52Psi UMa ; 3.00; 4400;occ; 72; 0;32252
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25; 7201.2; 09-MAY-2008 12:49:49; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32370
26; 7320.1; 09-MAY-2008 12:51:47; Dark ; 40.5; 54; 5The Cen ; 2.06; 4500;occ; 81; 0;32370
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3; 2111.0; 09-MAY-2008 13:05:34; Bright; 36.0; 138; 47Eps Vir ; 2.83; 4700;occ; 72; 0;32371
4; 2221.5; 09-MAY-2008 13:07:25; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32371
5; 2566.7; 09-MAY-2008 13:13:10; Bright; 34.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 68; 0;32371
6; 2750.2; 09-MAY-2008 13:16:13; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;32371
7; 2840.6; 09-MAY-2008 13:17:44; Bright; 37.0; 55; 79Zet UMa ; 2.06; 10200;occ; 74; 0;32371
8; 3030.9; 09-MAY-2008 13:20:54; Bright; 37.0; 36; 50Alp UMa ; 1.80; 6300;occ; 74; 0;32371
9; 3196.0; 09-MAY-2008 13:23:39; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32371
10; 3445.8; 09-MAY-2008 13:27:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32371
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12; 4009.6; 09-MAY-2008 13:37:13; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32371
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19; 5967.0; 09-MAY-2008 14:09:50; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32371

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 26; 7201.6; 09-MAY-2008 14:30:25; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32371
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 9; 3195.8; 09-MAY-2008 15:04:15; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32372
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 23; 6788.9; 09-MAY-2008 16:04:08; Dark ; 38.0; 134; Bet TrA ; 2.81; 6600;occ; 76; 0;32372
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 12; 3445.8; 09-MAY-2008 16:49:01; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32373
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 18; 5617.2; 09-MAY-2008 17:25:12; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;32373
 19; 5763.7; 09-MAY-2008 17:27:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32373
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 21; 5968.4; 09-MAY-2008 17:31:04; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;32373
 22; 6096.9; 09-MAY-2008 17:33:12; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32373
 23; 6303.8; 09-MAY-2008 17:36:39; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32373
 24; 6657.5; 09-MAY-2008 17:42:33; Dark ; 37.0; 43; Alp TrA ; 1.91; 4250;occ; 74; 0;32373
 25; 6789.3; 09-MAY-2008 17:44:44; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32373
 26; 6899.9; 09-MAY-2008 17:46:35; Dark ; 49.0; 4; Alp1Cen ; -0.01; 5800;occ; 98; 0;32373
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8; 2567.0; 09-MAY-2008 18:14:58; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;32374
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22; 5969.0; 09-MAY-2008 19:11:40; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32374
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25; 6657.7; 09-MAY-2008 19:23:09; Dark ; 39.5; 43; Alp TrA ; 1.91; 4250;occ; 79; 0;32374
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3; 1284.9; 09-MAY-2008 19:34:12; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32375
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22; 5969.5; 09-MAY-2008 20:52:17; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;32375
23; 6097.6; 09-MAY-2008 20:54:25; Dark ; 43.5; 148; Alp Tuc ; 2.88; 4100;occ; 87; 0;32375
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27; 6900.1; 09-MAY-2008 21:07:47; Dark ; 43.5; 4; Alp1Cen ; -0.01; 5800;occ; 87; 0;32375
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 3; 2221.2; 12-MAY-2008 08:11:22; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32411
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12; 4011.4; 13-MAY-2008 13:11:23; Bright; 53.0; 68; 18Alp Cas ; 2.22; 4500;occ; 106; 0;32428

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3; -342.4; 14-MAY-2008 23:11:24; Dark ; 41.0; 84; Alp Phe ; 2.40; 4500;occ; 82; 0;32448

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5; 94.8; 14-MAY-2008 23:18:41; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32449
6; 320.1; 14-MAY-2008 23:22:26; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32449
7; 644.8; 14-MAY-2008 23:27:51; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32449
8; 775.7; 14-MAY-2008 23:30:02; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32449
9; 878.5; 14-MAY-2008 23:31:45; Dark ; 48.5; 4; Alp1Cen ; -0.01; 5800;occ; 97; 0;32449
10; 1092.7; 14-MAY-2008 23:35:19; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;32449
11; 1183.2; 14-MAY-2008 23:36:49; Dark ; 36.0; 81; Eta Cen ; 2.36; 28000;occ; 72; 0;32449
12; 1299.1; 14-MAY-2008 23:38:45; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32449
13; 1615.0; 14-MAY-2008 23:44:01; Bright; 37.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 75; 0;32449
14; 1743.5; 14-MAY-2008 23:46:10; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 0;32449
15; 2127.1; 14-MAY-2008 23:52:33; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32449
16; 2222.3; 14-MAY-2008 23:54:08; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32449
17; 2572.7; 14-MAY-2008 23:59:59; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32449
18; 2745.7; 15-MAY-2008 00:02:52; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32449
19; 2841.4; 15-MAY-2008 00:04:27; Bright; 34.0; 55; 79Zet UMa ; 2.06; 10200;occ; 68; 0;32449
20; 3184.7; 15-MAY-2008 00:10:11; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32449
21; 3446.1; 15-MAY-2008 00:14:32; Bright; 32.0; 49; 1Alp UMi ; 1.99; 6300;occ; 64; 0;32449
22; 3937.8; 15-MAY-2008 00:22:44; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32449
23; 4011.6; 15-MAY-2008 00:23:58; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32449
24; 4761.3; 15-MAY-2008 00:36:27; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32449
25; 5285.2; 15-MAY-2008 00:45:11; Dark ; 38.5; 52; 16Bet Cet ; 2.04; 4500;occ; 77; 0;32449

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2; -2024.5; 14-MAY-2008 07:37:58; Bright; 34.0; 68; 18Alp Cas ; 2.22; 4500;occ; 68; 0;32439
3; -1277.4; 14-MAY-2008 07:50:25; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32439
4; -753.6; 14-MAY-2008 07:59:09; Dark ; 41.0; 52; 16Bet Cet ; 2.04; 4500;occ; 82; 0;32439
5; -463.3; 14-MAY-2008 08:03:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32439
6; -344.9; 14-MAY-2008 08:05:58; Dark ; 42.5; 84; Alp Phe ; 2.40; 4500;occ; 85; 0;32439
7; -107.2; 14-MAY-2008 08:09:56; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;32439
8; -20.7; 14-MAY-2008 08:11:22; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;32439
9; 90.7; 14-MAY-2008 08:13:13; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32440
10; 313.9; 14-MAY-2008 08:16:57; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32440
11; 642.1; 14-MAY-2008 08:22:25; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;32440
12; 773.0; 14-MAY-2008 08:24:36; Dark ; 38.0; 134; Bet TrA ; 2.81; 6600;occ; 76; 0;32440
13; 877.0; 14-MAY-2008 08:26:20; Dark ; 42.5; 4; Alp1Cen ; -0.01; 5800;occ; 85; 0;32440
14; 1090.8; 14-MAY-2008 08:29:54; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;32440
15; 1181.4; 14-MAY-2008 08:31:24; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;32440
16; 1297.4; 14-MAY-2008 08:33:20; Dark ; 39.5; 54; 5The Cen ; 2.06; 4500;occ; 79; 0;32440
17; 1613.8; 14-MAY-2008 08:38:37; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32440

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3; 2124.9; 14-MAY-2008 08:47:08; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32440
4; 2222.0; 14-MAY-2008 08:48:45; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32440
5; 2574.4; 14-MAY-2008 08:54:37; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32440
6; 2745.8; 14-MAY-2008 08:57:29; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32440
7; 2841.1; 14-MAY-2008 08:59:04; Bright; 37.0; 55; 79Zet UMa ; 2.06; 10200;occ; 74; 0;32440
8; 3054.2; 14-MAY-2008 09:02:37; Bright; 37.0; 36; 50Alp UMa ; 1.80; 6300;occ; 74; 0;32440
9; 3185.9; 14-MAY-2008 09:04:49; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;32440
10; 3446.1; 14-MAY-2008 09:09:09; Bright; 32.0; 49; 1Alp UMi ; 1.99; 6300;occ; 64; 0;32440
11; 3937.7; 14-MAY-2008 09:17:20; Bright; 36.5; 76; 27Gam Cas ; 2.30; 30000;occ; 73; 0;32440
12; 4011.4; 14-MAY-2008 09:18:34; Bright; 44.5; 68; 18Alp Cas ; 2.22; 4500;occ; 89; 0;32440
13; 4758.7; 14-MAY-2008 09:31:01; Dark ; 41.0; 140; 88Gam Peg ; 2.83; 26000;occ; 82; 0;32440
14; 5282.5; 14-MAY-2008 09:39:45; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32440
15; 5572.7; 14-MAY-2008 09:44:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32440
16; 5691.2; 14-MAY-2008 09:46:34; Dark ; 40.0; 84; Alp Phe ; 2.40; 4500;occ; 80; 0;32440
17; 5929.4; 14-MAY-2008 09:50:32; Dark ; 41.0; 63; Bet Gru ; 2.15; 2800;occ; 82; 0;32440
18; 6015.9; 14-MAY-2008 09:51:59; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;32440
19; 6127.0; 14-MAY-2008 09:53:50; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32440
20; 6350.4; 14-MAY-2008 09:57:33; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32440
21; 6678.3; 14-MAY-2008 10:03:01; Dark ; 37.0; 43; Alp TrA ; 1.91; 4250;occ; 74; 0;32440
22; 6809.3; 14-MAY-2008 10:05:12; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32440
23; 6913.0; 14-MAY-2008 10:06:56; Dark ; 48.0; 4; Alp1Cen ; -0.01; 5800;occ; 96; 0;32440
24; 7126.8; 14-MAY-2008 10:10:30; Dark ; 38.0; 78; Alp Lup ; 2.30; 28000;occ; 76; 0;32440
25; 7217.5; 14-MAY-2008 10:12:00; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32440
26; 7333.5; 14-MAY-2008 10:13:56; Dark ; 38.5; 54; 5The Cen ; 2.06; 4500;occ; 77; 0;32440
27; 7649.7; 14-MAY-2008 10:19:12; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32440

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 2; 2125.2; 14-MAY-2008 10:27:44; Bright; 36.0; 138; 47Eps Vir ; 2.83; 4700;occ; 72; 0;32441
 3; 2221.9; 14-MAY-2008 10:29:20; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;32441
 4; 2574.2; 14-MAY-2008 10:35:13; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32441
 5; 2745.8; 14-MAY-2008 10:38:04; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32441
 6; 2841.1; 14-MAY-2008 10:39:40; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32441
 7; 3054.5; 14-MAY-2008 10:43:13; Bright; 36.0; 36; 50Alp UMa ; 1.80; 6300;occ; 72; 0;32441
 8; 3185.7; 14-MAY-2008 10:45:24; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32441
 9; 3446.1; 14-MAY-2008 10:49:45; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32441
 10; 3937.7; 14-MAY-2008 10:57:56; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32441
 11; 4011.4; 14-MAY-2008 10:59:10; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32441
 12; 4759.0; 14-MAY-2008 11:11:38; Dark ; 40.0; 140; 88Gam Peg ; 2.83; 26000;occ; 80; 0;32441
 13; 5282.8; 14-MAY-2008 11:20:21; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32441
 14; 5572.9; 14-MAY-2008 11:25:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32441
 15; 5691.5; 14-MAY-2008 11:27:10; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;32441
 16; 5930.0; 14-MAY-2008 11:31:09; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32441
 17; 6016.7; 14-MAY-2008 11:32:35; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;32441
 18; 6127.5; 14-MAY-2008 11:34:26; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32441
 19; 6351.1; 14-MAY-2008 11:38:10; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32441
 20; 6678.6; 14-MAY-2008 11:43:37; Dark ; 45.0; 43; Alp TrA ; 1.91; 4250;occ; 90; 0;32441
 21; 6809.5; 14-MAY-2008 11:45:48; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32441
 22; 6913.1; 14-MAY-2008 11:47:32; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;32441
 23; 7127.1; 14-MAY-2008 11:51:06; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;32441
 24; 7217.6; 14-MAY-2008 11:52:36; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32441
 25; 7333.6; 14-MAY-2008 11:54:32; Dark ; 41.0; 54; 5The Cen ; 2.06; 4500;occ; 82; 0;32441

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 3; 2125.4; 14-MAY-2008 12:08:20; Bright; 37.0; 138; 47Eps Vir ; 2.83; 4700;occ; 74; 0;32442
 4; 2222.1; 14-MAY-2008 12:09:57; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32442
 5; 2574.1; 14-MAY-2008 12:15:49; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32442
 6; 2745.8; 14-MAY-2008 12:18:40; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;32442
 7; 2841.1; 14-MAY-2008 12:20:16; Bright; 52.0; 55; 79Zet UMa ; 2.06; 10200;occ; 104; 0;32442
 8; 3054.8; 14-MAY-2008 12:23:49; Bright; 33.0; 36; 50Alp UMa ; 1.80; 6300;occ; 66; 0;32442
 9; 3185.6; 14-MAY-2008 12:26:00; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32442
 10; 3446.2; 14-MAY-2008 12:30:21; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32442
 11; 3937.7; 14-MAY-2008 12:38:32; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32442
 12; 4011.5; 14-MAY-2008 12:39:46; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32442
 13; 4759.3; 14-MAY-2008 12:52:14; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32442
 14; 5283.1; 14-MAY-2008 13:00:58; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32442
 15; 5573.1; 14-MAY-2008 13:05:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32442
 16; 5691.8; 14-MAY-2008 13:07:46; Dark ; 42.0; 84; Alp Phe ; 2.40; 4500;occ; 84; 0;32442
 17; 5930.6; 14-MAY-2008 13:11:45; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;32442
 18; 6017.4; 14-MAY-2008 13:13:12; Dark ; 35.0; 31; Alp Gru ; 1.73; 15200;occ; 70; 0;32442
 19; 6128.0; 14-MAY-2008 13:15:02; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32442
 20; 6351.8; 14-MAY-2008 13:18:46; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32442
 21; 6678.9; 14-MAY-2008 13:24:13; Dark ; 41.5; 43; Alp TrA ; 1.91; 4250;occ; 83; 0;32442
 22; 6809.9; 14-MAY-2008 13:26:24; Dark ; 36.0; 134; Bet TrA ; 2.81; 6600;occ; 72; 0;32442
 23; 6913.4; 14-MAY-2008 13:28:08; Dark ; 43.5; 4; Alp1Cen ; -0.01; 5800;occ; 87; 0;32442
 24; 7127.4; 14-MAY-2008 13:31:42; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;32442
 25; 7218.0; 14-MAY-2008 13:33:13; Dark ; 37.0; 81; Eta Cen ; 2.36; 28000;occ; 74; 0;32442
 26; 7333.8; 14-MAY-2008 13:35:08; Dark ; 41.0; 54; 5The Cen ; 2.06; 4500;occ; 82; 0;32442

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 3; 2125.8; 14-MAY-2008 13:48:56; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32443
 4; 2222.2; 14-MAY-2008 13:50:33; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32443
 5; 2574.0; 14-MAY-2008 13:56:24; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;32443
 6; 2745.8; 14-MAY-2008 13:59:16; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32443
 7; 2841.3; 14-MAY-2008 14:00:52; Bright; 35.0; 55; 79Zet UMa ; 2.06; 10200;occ; 70; 0;32443
 8; 3055.3; 14-MAY-2008 14:04:26; Bright; 33.0; 36; 50Alp UMa ; 1.80; 6300;occ; 66; 0;32443
 9; 3185.6; 14-MAY-2008 14:06:36; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32443
 10; 3446.2; 14-MAY-2008 14:10:57; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32443
 11; 3937.8; 14-MAY-2008 14:19:08; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32443
 12; 4011.6; 14-MAY-2008 14:20:22; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;32443
 13; 4760.0; 14-MAY-2008 14:32:50; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32443
 14; 5283.5; 14-MAY-2008 14:41:34; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32443

15; 5573.3; 14-MAY-2008 14:46:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32443
 16; 5692.3; 14-MAY-2008 14:48:23; Dark ; 41.0; 84; Alp Phe ; 2.40; 4500;occ; 82; 0;32443
 17; 5931.3; 14-MAY-2008 14:52:22; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32443
 18; 6018.2; 14-MAY-2008 14:53:49; Dark ; 35.0; 31; Alp Gru ; 1.73; 15200;occ; 70; 0;32443
 19; 6128.5; 14-MAY-2008 14:55:39; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32443
 20; 6352.5; 14-MAY-2008 14:59:23; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32443
 21; 6679.2; 14-MAY-2008 15:04:50; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;32443
 22; 6810.2; 14-MAY-2008 15:07:01; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32443
 23; 6913.7; 14-MAY-2008 15:08:44; Dark ; 45.5; 4; Alp1Cen ; -0.01; 5800;occ; 91; 0;32443
 24; 7127.6; 14-MAY-2008 15:12:18; Dark ; 37.5; 78; Alp Lup ; 2.30; 28000;occ; 75; 0;32443
 25; 7218.2; 14-MAY-2008 15:13:49; Dark ; 36.5; 81; Eta Cen ; 2.36; 28000;occ; 73; 0;32443
 26; 7334.1; 14-MAY-2008 15:15:44; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32443

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 3; 1742.6; 14-MAY-2008 15:23:09; Bright; 37.5; 15; 67Alp Vir ; 0.98; 28000;occ; 75; 0;32444
 4; 2125.9; 14-MAY-2008 15:29:32; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32444
 5; 2222.3; 14-MAY-2008 15:31:09; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;32444
 6; 2573.8; 14-MAY-2008 15:37:00; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32444
 7; 2745.8; 14-MAY-2008 15:39:52; Bright; 33.5; 39; 85Eta UMa ; 1.85; 24000;occ; 67; 0;32444
 8; 2841.3; 14-MAY-2008 15:41:28; Bright; 33.0; 55; 79Zet UMa ; 2.06; 10200;occ; 66; 0;32444
 9; 3185.4; 14-MAY-2008 15:47:12; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32444
 10; 3446.3; 14-MAY-2008 15:51:33; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32444
 11; 3937.8; 14-MAY-2008 15:59:44; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32444
 12; 4011.5; 14-MAY-2008 16:00:58; Bright; 41.0; 68; 18Alp Cas ; 2.22; 4500;occ; 82; 0;32444
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 16; 5940.1; 15-MAY-2008 14:20:54; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32457
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 19; 6683.4; 15-MAY-2008 14:33:17; Dark ; 39.5; 43; Alp TrA ; 1.91; 4250;occ; 79; 0;32457
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 23; 7221.1; 15-MAY-2008 14:42:15; Dark ; 38.5; 81; Eta Cen ; 2.36; 28000;occ; 77; 0;32457
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 9; 3446.3; 15-MAY-2008 15:19:56; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32458
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 8; 2841.8; 15-MAY-2008 16:50:27; Bright; 37.0; 55; 79Zet UMa ; 2.06; 10200;occ; 74; 0;32459

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 13; 4764.3; 15-MAY-2008 17:22:30; Dark ; 38.0; 140; 88Gam Peg ; 2.83; 26000;occ; 76; 0;32459
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 7; 2223.0; 15-MAY-2008 18:20:44; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32460
 8; 2570.9; 15-MAY-2008 18:26:32; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32460
 9; 2745.5; 15-MAY-2008 18:29:27; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;32460
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 13; 3938.0; 15-MAY-2008 18:49:19; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32460
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 16; 5576.9; 15-MAY-2008 19:16:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32460
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 19; 6136.6; 15-MAY-2008 19:25:58; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32460
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 22; 6814.8; 15-MAY-2008 19:37:16; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32460
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 7; 779.6; 16-MAY-2008 00:39:05; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32464
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 9; 1095.9; 16-MAY-2008 00:44:21; Dark ; 37.5; 78; Alp Lup ; 2.30; 28000;occ; 75; 0;32464
 10; 1186.2; 16-MAY-2008 00:45:51; Dark ; 38.0; 81; Eta Cen ; 2.36; 28000;occ; 76; 0;32464
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7; 653.1; 16-MAY-2008 22:24:45; Dark ; 38.0; 43; Alp TrA ; 1.91; 4250;occ; 76; 0;32477
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5; 108.8; 16-MAY-2008 23:56:17; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32478
6; 340.4; 17-MAY-2008 00:00:08; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32478
7; 653.4; 17-MAY-2008 00:05:21; Dark ; 38.0; 43; Alp TrA ; 1.91; 4250;occ; 76; 0;32478
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9; 883.5; 17-MAY-2008 00:09:11; Dark ; 47.5; 4; Alp1Cen ; -0.01; 5800;occ; 95; 0;32478
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19; 3181.0; 17-MAY-2008 00:47:29; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32478
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13; 1187.3; 16-MAY-2008 07:28:16; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32468
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21; 6808.0; 17-MAY-2008 13:32:08; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32485
22; 6965.2; 17-MAY-2008 13:34:45; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32485
23; 7077.1; 17-MAY-2008 13:36:37; Dark ; 35.0; 25; 35Lam Sco ; 1.62; 28000;occ; 70; 0;32485
24; 7212.8; 17-MAY-2008 13:38:52; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32485
25; 7394.8; 17-MAY-2008 13:41:54; Dark ; 58.0; 16; 21Alp Sco ; 1.02; 3000;occ; 116; 0;32485
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 13; 4772.4; 17-MAY-2008 14:38:48; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32486
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 6; 2234.5; 17-MAY-2008 15:37:06; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32487
 7; 2378.4; 17-MAY-2008 15:39:30; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32487
 8; 2567.1; 17-MAY-2008 15:42:38; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32487
 9; 2745.6; 17-MAY-2008 15:45:37; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32487
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 11; 3180.2; 17-MAY-2008 15:52:51; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32487
 12; 3446.4; 17-MAY-2008 15:57:18; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32487
 13; 3938.4; 17-MAY-2008 16:05:30; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;32487
 14; 4011.8; 17-MAY-2008 16:06:43; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32487
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 17; 5297.7; 17-MAY-2008 16:28:09; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32487
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 22; 6149.9; 17-MAY-2008 16:42:21; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32487
 23; 6383.6; 17-MAY-2008 16:46:15; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32487
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 23; 6150.4; 17-MAY-2008 18:22:58; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32488
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 22; 5812.4; 17-MAY-2008 19:57:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32489
 23; 5961.3; 17-MAY-2008 20:00:25; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32489
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 26; 6385.0; 17-MAY-2008 20:07:28; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32489
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 16; 2038.7; 18-MAY-2008 01:37:26; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32493
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 20; 2745.6; 18-MAY-2008 01:49:13; Bright; 33.5; 39; 85Eta UMa ; 1.85; 24000;occ; 67; 0;32493
 21; 3076.8; 18-MAY-2008 01:54:44; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32493
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11; 351.9; 18-MAY-2008 02:49:55; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32494
12; 776.1; 18-MAY-2008 02:56:59; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32494
13; 934.3; 18-MAY-2008 02:59:37; Dark ; 51.0; 40; The Sco ; 1.86; 7100;occ; 102; 0;32494
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7; 3074.6; 18-MAY-2008 10:17:41; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32498
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4; 2376.7; 18-MAY-2008 11:46:39; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;32499
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7; 3074.1; 18-MAY-2008 11:58:17; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32499
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23; 2746.9; 20-MAY-2008 05:47:48; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32524
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 21; 6413.2; 20-MAY-2008 15:11:54; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32529
 22; 6829.3; 20-MAY-2008 15:18:50; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;32529
 23; 6991.7; 20-MAY-2008 15:21:32; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32529
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8; 959.1; 21-MAY-2008 01:25:11; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32536
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6; 2372.0; 21-MAY-2008 15:13:31; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32544
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9; 2561.5; 21-MAY-2008 16:57:17; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32545
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5; 145.3; 22-MAY-2008 00:40:00; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32550
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 7; -30.5; 22-MAY-2008 05:38:52; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;32552
 8; 55.8; 22-MAY-2008 05:40:19; Dark ; 50.0; 172; Gam Gru ; 3.00; 13100;occ; 100; 0;32553
 9; 147.1; 22-MAY-2008 05:41:50; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32553
10; 393.6; 22-MAY-2008 05:45:56; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32553
11; 803.8; 22-MAY-2008 05:52:47; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32553
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13; 1079.8; 22-MAY-2008 05:57:23; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32553
14; 1204.4; 22-MAY-2008 05:59:27; Dark ; 46.0; 75; 26Eps Sco ; 2.29; 4250;occ; 92; 0;32553
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16; 1522.9; 22-MAY-2008 06:04:46; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32553
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18; 1733.5; 22-MAY-2008 06:08:16; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32553
19; 1842.1; 22-MAY-2008 06:10:05; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;32553
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21; 2237.2; 22-MAY-2008 06:16:40; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;32553
22; 2371.2; 22-MAY-2008 06:18:54; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32553
23; 2561.1; 22-MAY-2008 06:22:04; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32553
24; 3051.5; 22-MAY-2008 06:30:14; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32553
25; 3173.6; 22-MAY-2008 06:32:16; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32553
26; 3446.8; 22-MAY-2008 06:36:50; Bright; 31.5; 49; 1Alp UMi ; 1.99; 6300;occ; 63; 0;32553
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 8; 57.0; 22-MAY-2008 07:20:56; Dark ; 50.0; 172; Gam Gru ; 3.00; 13100;occ; 100; 0;32554
 9; 147.6; 22-MAY-2008 07:22:26; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32554
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12; 969.3; 22-MAY-2008 07:36:08; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32554
13; 1080.3; 22-MAY-2008 07:37:59; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32554
14; 1204.9; 22-MAY-2008 07:40:04; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;32554
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16; 1523.1; 22-MAY-2008 07:45:22; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32554
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 5; 2371.2; 22-MAY-2008 07:59:30; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32554
 6; 2561.1; 22-MAY-2008 08:02:40; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32554
 7; 3051.1; 22-MAY-2008 08:10:50; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32554
 8; 3173.6; 22-MAY-2008 08:12:52; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32554
 9; 3446.8; 22-MAY-2008 08:17:26; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32554
10; 3937.5; 22-MAY-2008 08:25:36; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;32554
11; 4009.9; 22-MAY-2008 08:26:49; Bright; 42.0; 68; 18Alp Cas ; 2.22; 4500;occ; 84; 0;32554
12; 4530.9; 22-MAY-2008 08:35:30; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32554
13; 4795.6; 22-MAY-2008 08:39:54; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32554
14; 5323.4; 22-MAY-2008 08:48:42; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32554

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 17; 6094.0; 22-MAY-2008 09:01:33; Dark ; 46.0; 172; Gam Gru ; 3.00; 13100;occ; 92; 0;32554
 18; 6184.0; 22-MAY-2008 09:03:03; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32554
 19; 6430.9; 22-MAY-2008 09:07:10; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32554
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 21; 7005.7; 22-MAY-2008 09:16:44; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32554
 22; 7116.9; 22-MAY-2008 09:18:36; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32554
 23; 7241.2; 22-MAY-2008 09:20:40; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32554
 24; 7414.1; 22-MAY-2008 09:23:33; Dark ; 54.0; 16; 21Alp Sco ; 1.02; 3000;occ; 108; 0;32554
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 26; 7665.3; 22-MAY-2008 09:27:44; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32554
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 6; 2561.0; 22-MAY-2008 09:43:16; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32555
 7; 3050.8; 22-MAY-2008 09:51:25; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32555
 8; 3173.5; 22-MAY-2008 09:53:28; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32555
 9; 3446.7; 22-MAY-2008 09:58:01; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32555
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 13; 4795.8; 22-MAY-2008 10:20:30; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32555
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 22; 7117.4; 22-MAY-2008 10:59:12; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32555
 23; 7241.5; 22-MAY-2008 11:01:16; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32555
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 5; 2371.0; 22-MAY-2008 11:20:42; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32556
 6; 2560.9; 22-MAY-2008 11:23:51; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32556
 7; 3050.3; 22-MAY-2008 11:32:01; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32556
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 13; 4796.1; 22-MAY-2008 12:01:07; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32556
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 18; 6185.1; 22-MAY-2008 12:24:16; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32556
 19; 6432.2; 22-MAY-2008 12:28:23; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32556
 20; 6841.5; 22-MAY-2008 12:35:12; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32556
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 22; 7117.9; 22-MAY-2008 12:39:48; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32556
 23; 7241.9; 22-MAY-2008 12:41:52; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32556
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 10; 2370.6; 22-MAY-2008 21:24:17; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;32562
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 12; 3048.0; 22-MAY-2008 21:35:34; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32562
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 21; 3446.7; 22-MAY-2008 23:22:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32563
 22; 3937.1; 22-MAY-2008 23:30:59; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32563
 23; 4009.3; 22-MAY-2008 23:32:11; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32563
 24; 4532.5; 22-MAY-2008 23:40:55; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32563
 25; 4798.6; 22-MAY-2008 23:45:21; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32563
 26; 5327.2; 22-MAY-2008 23:54:09; Dark ; 9.5; 52; 16Bet Cet ; 2.04; 4500;occ; 19; 0;32563

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 2; -186.0; 23-MAY-2008 00:02:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32563
 3; -22.4; 23-MAY-2008 00:05:36; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32563
 4; 68.7; 23-MAY-2008 00:07:07; Dark ; 31.0; 172; Gam Gru ; 3.00; 13100;occ; 62; 0;32564
 5; 152.6; 23-MAY-2008 00:08:31; Dark ; 41.5; 148; Alp Tuc ; 2.88; 4100;occ; 83; 0;32564
 6; 401.1; 23-MAY-2008 00:12:39; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32564
 7; 808.6; 23-MAY-2008 00:19:27; Dark ; 48.5; 141; Bet Ara ; 2.84; 4600;occ; 97; 0;32564
 8; 974.7; 23-MAY-2008 00:22:13; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32564
 9; 1085.5; 23-MAY-2008 00:24:03; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;32564
 10; 1208.6; 23-MAY-2008 00:26:07; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32564
 11; 1380.4; 23-MAY-2008 00:28:58; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32564
 12; 1524.5; 23-MAY-2008 00:31:22; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32564
 13; 1630.6; 23-MAY-2008 00:33:09; Bright; 35.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 70; 0;32564
 14; 1734.4; 23-MAY-2008 00:34:52; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32564
 15; 1840.8; 23-MAY-2008 00:36:39; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32564
 16; 2025.4; 23-MAY-2008 00:39:43; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32564
 17; 2370.5; 23-MAY-2008 00:45:28; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32564
 18; 2560.4; 23-MAY-2008 00:48:38; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32564
 19; 3047.1; 23-MAY-2008 00:56:45; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32564
 20; 3172.7; 23-MAY-2008 00:58:51; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32564
 21; 3446.7; 23-MAY-2008 01:03:25; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32564
 22; 3937.1; 23-MAY-2008 01:11:35; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;32564

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23; 4009.2; 23-MAY-2008 01:12:47; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;32564
24; 4380.7; 23-MAY-2008 01:18:59; Bright; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;32564
25; 4532.6; 23-MAY-2008 01:21:31; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;32564
26; 4798.9; 23-MAY-2008 01:25:57; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32564
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 2; 1733.7; 22-MAY-2008 12:50:40; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32557
 3; 1841.7; 22-MAY-2008 12:52:28; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32557
 4; 2026.5; 22-MAY-2008 12:55:33; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32557
 5; 2237.5; 22-MAY-2008 12:59:04; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;32557
 6; 2371.0; 22-MAY-2008 13:01:17; Bright; 34.5; 83; ; 2.38; 11000;occ; 69; 0;32557
 7; 2560.9; 22-MAY-2008 13:04:27; Bright; 33.5; 180; 27Gam Boo ; 3.04; 8000;occ; 67; 0;32557
 8; 3050.0; 22-MAY-2008 13:12:36; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32557
 9; 3173.3; 22-MAY-2008 13:14:40; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32557
10; 3446.8; 22-MAY-2008 13:19:13; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32557
11; 3937.5; 22-MAY-2008 13:27:24; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32557
12; 4009.7; 22-MAY-2008 13:28:36; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32557
13; 4531.4; 22-MAY-2008 13:37:18; Dark ; 43.0; 58; 21Alp And ; 2.07; 11000;occ; 86; 0;32557
14; 4796.5; 22-MAY-2008 13:41:43; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32557
15; 5324.7; 22-MAY-2008 13:50:31; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32557
16; 5846.7; 22-MAY-2008 13:59:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32557
17; 6009.2; 22-MAY-2008 14:01:56; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;32557
18; 6097.6; 22-MAY-2008 14:03:24; Dark ; 42.0; 172; Gam Gru ; 3.00; 13100;occ; 84; 0;32557
19; 6185.6; 22-MAY-2008 14:04:52; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32557
20; 6433.0; 22-MAY-2008 14:08:59; Dark ; 39.5; 45; Alp Pav ; 1.94; 26000;occ; 79; 0;32557
21; 6842.0; 22-MAY-2008 14:15:48; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32557
22; 7007.5; 22-MAY-2008 14:18:34; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32557
23; 7118.3; 22-MAY-2008 14:20:25; Dark ; 47.0; 25; 35Lam Sco ; 1.62; 28000;occ; 94; 0;32557
24; 7242.3; 22-MAY-2008 14:22:29; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32557
25; 7414.9; 22-MAY-2008 14:25:21; Dark ; 57.0; 16; 21Alp Sco ; 1.02; 3000;occ; 114; 0;32557
26; 7559.7; 22-MAY-2008 14:27:46; Bright; 4.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 9; 0;32557
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 2; 1629.8; 22-MAY-2008 14:29:32; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32558
 3; 1734.0; 22-MAY-2008 14:31:16; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32558
 4; 1841.7; 22-MAY-2008 14:33:04; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;32558
 5; 2026.5; 22-MAY-2008 14:36:09; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32558
 6; 2370.9; 22-MAY-2008 14:41:53; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32558
 7; 2560.8; 22-MAY-2008 14:45:03; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32558
 8; 3049.6; 22-MAY-2008 14:53:12; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32558
 9; 3173.3; 22-MAY-2008 14:55:16; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32558
10; 3446.8; 22-MAY-2008 14:59:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32558
11; 3937.5; 22-MAY-2008 15:08:00; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32558
12; 4009.7; 22-MAY-2008 15:09:12; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;32558
13; 4531.9; 22-MAY-2008 15:17:54; Dark ; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;32558
14; 4797.1; 22-MAY-2008 15:22:19; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32558
15; 5325.3; 22-MAY-2008 15:31:08; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32558
16; 5847.3; 22-MAY-2008 15:39:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32558
17; 6009.9; 22-MAY-2008 15:42:32; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;32558
18; 6098.8; 22-MAY-2008 15:44:01; Dark ; 39.0; 172; Gam Gru ; 3.00; 13100;occ; 78; 0;32558
19; 6186.2; 22-MAY-2008 15:45:29; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32558
20; 6433.7; 22-MAY-2008 15:49:36; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32558
21; 6842.5; 22-MAY-2008 15:56:25; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32558
22; 7008.1; 22-MAY-2008 15:59:10; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;32558
23; 7119.0; 22-MAY-2008 16:01:01; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32558
24; 7242.6; 22-MAY-2008 16:03:05; Dark ; 44.5; 75; 26Eps Sco ; 2.29; 4250;occ; 89; 0;32558
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 2; 1524.1; 22-MAY-2008 16:08:22; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32559
 3; 1630.0; 22-MAY-2008 16:10:08; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32559
 4; 1734.0; 22-MAY-2008 16:11:52; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32559
 5; 1841.4; 22-MAY-2008 16:13:40; Bright; 45.5; 120; 1Del Oph ; 2.73; 3200;occ; 91; 0;32559
 6; 2026.3; 22-MAY-2008 16:16:45; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32559
 7; 2370.8; 22-MAY-2008 16:22:29; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32559
 8; 2560.8; 22-MAY-2008 16:25:39; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32559
 9; 3049.2; 22-MAY-2008 16:33:47; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32559
10; 3173.2; 22-MAY-2008 16:35:51; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32559
11; 3446.8; 22-MAY-2008 16:40:25; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32559

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12; 3937.2; 22-MAY-2008 16:48:36; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;32559
 13; 4009.6; 22-MAY-2008 16:49:48; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;32559
 14; 4532.0; 22-MAY-2008 16:58:30; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32559
 15; 4797.3; 22-MAY-2008 17:02:56; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;32559
 16; 5325.6; 22-MAY-2008 17:11:44; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;32559
 17; 5847.8; 22-MAY-2008 17:20:26; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32559
 18; 6010.7; 22-MAY-2008 17:23:09; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;32559
 19; 6099.9; 22-MAY-2008 17:24:38; Dark ; 39.0; 172; Gam Gru ; 3.00; 13100;occ; 78; 0;32559
 20; 6186.7; 22-MAY-2008 17:26:05; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32559
 21; 6434.5; 22-MAY-2008 17:30:13; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32559
 22; 6843.0; 22-MAY-2008 17:37:01; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32559
 23; 7008.7; 22-MAY-2008 17:39:47; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32559

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 3; 1207.1; 22-MAY-2008 17:43:41; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32560
 4; 1379.5; 22-MAY-2008 17:46:34; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32560
 5; 1524.0; 22-MAY-2008 17:48:58; Bright; 43.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 87; 0;32560
 6; 1629.9; 22-MAY-2008 17:50:44; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32560
 7; 1734.1; 22-MAY-2008 17:52:28; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32560
 8; 1841.3; 22-MAY-2008 17:54:16; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;32560
 9; 2026.1; 22-MAY-2008 17:57:20; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;32560
 10; 2370.8; 22-MAY-2008 18:03:05; Bright; 34.5; 83; ; 2.38; 11000;occ; 69; 0;32560
 11; 2560.6; 22-MAY-2008 18:06:15; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32560
 12; 3048.8; 22-MAY-2008 18:14:23; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32560
 13; 3173.1; 22-MAY-2008 18:16:27; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32560
 14; 3446.8; 22-MAY-2008 18:21:01; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32560
 15; 3937.4; 22-MAY-2008 18:29:12; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;32560
 16; 4009.6; 22-MAY-2008 18:30:24; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32560
 17; 4532.1; 22-MAY-2008 18:39:06; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;32560
 18; 4797.6; 22-MAY-2008 18:43:32; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32560
 19; 5326.0; 22-MAY-2008 18:52:20; Dark ; 46.0; 52; 16Bet Cet ; 2.04; 4500;occ; 92; 0;32560
 20; 5848.4; 22-MAY-2008 19:01:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32560
 21; 6011.4; 22-MAY-2008 19:03:46; Dark ; 50.0; 63; Bet Gru ; 2.15; 2800;occ; 100; 0;32560
 22; 6101.1; 22-MAY-2008 19:05:15; Dark ; 35.0; 172; Gam Gru ; 3.00; 13100;occ; 70; 0;32560
 23; 6187.2; 22-MAY-2008 19:06:41; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32560
 24; 6435.1; 22-MAY-2008 19:10:49; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32560
 25; 6843.4; 22-MAY-2008 19:17:38; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32560
 26; 7009.1; 22-MAY-2008 19:20:23; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;32560

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 2; 1084.0; 22-MAY-2008 19:22:14; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;32561
 3; 1207.5; 22-MAY-2008 19:24:18; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;32561
 4; 1379.7; 22-MAY-2008 19:27:10; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32561
 5; 1524.1; 22-MAY-2008 19:29:34; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32561
 6; 1630.1; 22-MAY-2008 19:31:20; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32561
 7; 1734.1; 22-MAY-2008 19:33:04; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32561
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 9; 2026.0; 22-MAY-2008 19:37:56; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32561
 10; 2370.8; 22-MAY-2008 19:43:41; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32561
 11; 2560.5; 22-MAY-2008 19:46:51; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32561
 12; 3048.3; 22-MAY-2008 19:54:59; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32561
 13; 3173.0; 22-MAY-2008 19:57:03; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32561
 14; 3446.7; 22-MAY-2008 20:01:37; Bright; 37.0; 49; 1Alp UMi ; 1.99; 6300;occ; 74; 0;32561
 15; 3937.2; 22-MAY-2008 20:09:48; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;32561
 16; 4009.4; 22-MAY-2008 20:11:00; Bright; 37.5; 68; 18Alp Cas ; 2.22; 4500;occ; 75; 0;32561
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 18; 4797.8; 22-MAY-2008 20:24:08; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;32561
 19; 5326.4; 22-MAY-2008 20:32:57; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32561
 20; 5848.8; 22-MAY-2008 20:41:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32561
 21; 6012.0; 22-MAY-2008 20:44:22; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;32561
 22; 6102.2; 22-MAY-2008 20:45:52; Dark ; 35.0; 172; Gam Gru ; 3.00; 13100;occ; 70; 0;32561
 23; 6187.7; 22-MAY-2008 20:47:18; Dark ; 38.0; 148; Alp Tuc ; 2.88; 4100;occ; 76; 0;32561
 24; 6435.7; 22-MAY-2008 20:51:26; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32561
 25; 6843.8; 22-MAY-2008 20:58:14; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32561

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 2; -185.5; 23-MAY-2008 01:43:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32564

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3; -21.7; 23-MAY-2008 01:46:12; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;32564
4; 69.8; 23-MAY-2008 01:47:44; Dark ; 27.0; 172; Gam Gru ; 3.00; 13100;occ; 54; 0;32565
5; 153.3; 23-MAY-2008 01:49:07; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32565
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15; 3936.7; 23-MAY-2008 21:18:46; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32576
16; 4008.7; 23-MAY-2008 21:19:58; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32576
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 2; 1840.6; 23-MAY-2008 07:19:02; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32568
 3; 2024.9; 23-MAY-2008 07:22:07; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32568
 4; 2370.3; 23-MAY-2008 07:27:52; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32568
 5; 2560.4; 23-MAY-2008 07:31:02; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32568
 6; 3045.7; 23-MAY-2008 07:39:07; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32568
 7; 3172.5; 23-MAY-2008 07:41:14; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32568
 8; 3446.9; 23-MAY-2008 07:45:49; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32568
 9; 3937.0; 23-MAY-2008 07:53:59; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32568
 10; 4009.2; 23-MAY-2008 07:55:11; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;32568
 11; 4381.2; 23-MAY-2008 08:01:23; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32568
 12; 4533.5; 23-MAY-2008 08:03:55; Dark ; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;32568
 13; 4800.6; 23-MAY-2008 08:08:22; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32568
 14; 5329.5; 23-MAY-2008 08:17:11; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32568
 15; 5736.3; 23-MAY-2008 08:23:58; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;32568
 16; 5852.6; 23-MAY-2008 08:25:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32568
 17; 6017.3; 23-MAY-2008 08:28:39; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32568
 18; 6118.2; 23-MAY-2008 08:30:20; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32568
 19; 6440.7; 23-MAY-2008 08:35:42; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32568
 20; 6846.9; 23-MAY-2008 08:42:29; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32568
 21; 7013.4; 23-MAY-2008 08:45:15; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32568
 22; 7124.3; 23-MAY-2008 08:47:06; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32568
 23; 7246.4; 23-MAY-2008 08:49:08; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32568
 24; 7417.8; 23-MAY-2008 08:52:00; Dark ; 58.0; 16; 21Alp Sco ; 1.02; 3000;occ; 116; 0;32568
 25; 7561.5; 23-MAY-2008 08:54:23; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32568
 26; 7667.4; 23-MAY-2008 08:56:09; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32568
 27; 7770.8; 23-MAY-2008 08:57:53; Bright; 10.0; 104; 27Bet Lib ; 2.61; 13100;occ; 20; 0;32568

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 2; 1840.5; 23-MAY-2008 08:59:38; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32569
 3; 2024.7; 23-MAY-2008 09:02:42; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32569
 4; 2370.3; 23-MAY-2008 09:08:28; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32569
 5; 2560.1; 23-MAY-2008 09:11:38; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32569
 6; 3045.3; 23-MAY-2008 09:19:43; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32569
 7; 3172.4; 23-MAY-2008 09:21:50; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32569
 8; 3446.7; 23-MAY-2008 09:26:24; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32569
 9; 3936.9; 23-MAY-2008 09:34:35; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32569

10; 4009.1; 23-MAY-2008 09:35:47; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32569
 11; 4381.3; 23-MAY-2008 09:41:59; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32569
 12; 4533.6; 23-MAY-2008 09:44:31; Dark ; 50.0; 58; 21Alp And ; 2.07; 11000;occ; 100; 0;32569
 13; 4800.9; 23-MAY-2008 09:48:59; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32569
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 15; 5736.7; 23-MAY-2008 10:04:34; Dark ; 42.5; 84; Alp Phe ; 2.40; 4500;occ; 85; 0;32569
 16; 5853.2; 23-MAY-2008 10:06:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32569
 17; 6018.0; 23-MAY-2008 10:09:16; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;32569
 18; 6119.1; 23-MAY-2008 10:10:57; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32569
 19; 6441.4; 23-MAY-2008 10:16:19; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32569
 20; 6847.3; 23-MAY-2008 10:23:05; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32569
 21; 7014.0; 23-MAY-2008 10:25:52; Dark ; 51.0; 40; The Sco ; 1.86; 7100;occ; 102; 0;32569
 22; 7124.7; 23-MAY-2008 10:27:42; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;32569
 23; 7246.8; 23-MAY-2008 10:29:44; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;32569
 24; 7418.0; 23-MAY-2008 10:32:36; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32569
 25; 7561.6; 23-MAY-2008 10:34:59; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32569
 26; 7667.4; 23-MAY-2008 10:36:45; Bright; 35.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 70; 0;32569

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1; 1735.1; 23-MAY-2008 10:38:29; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32570
 2; 1840.3; 23-MAY-2008 10:40:14; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32570
 3; 2024.6; 23-MAY-2008 10:43:18; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32570
 4; 2370.2; 23-MAY-2008 10:49:04; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;32570
 5; 2560.1; 23-MAY-2008 10:52:14; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32570
 6; 3044.9; 23-MAY-2008 11:00:18; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32570
 7; 3172.3; 23-MAY-2008 11:02:26; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32570
 8; 3446.7; 23-MAY-2008 11:07:00; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32570
 9; 3936.9; 23-MAY-2008 11:15:10; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32570
 10; 4009.0; 23-MAY-2008 11:16:23; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32570
 11; 4381.4; 23-MAY-2008 11:22:35; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;32570
 12; 4533.7; 23-MAY-2008 11:25:07; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32570
 13; 4801.2; 23-MAY-2008 11:29:35; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32570
 14; 5330.4; 23-MAY-2008 11:38:24; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32570
 15; 5737.0; 23-MAY-2008 11:45:11; Dark ; 42.5; 84; Alp Phe ; 2.40; 4500;occ; 85; 0;32570
 16; 5853.7; 23-MAY-2008 11:47:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32570
 17; 6018.8; 23-MAY-2008 11:49:52; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;32570
 18; 6119.9; 23-MAY-2008 11:51:33; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32570
 19; 6442.1; 23-MAY-2008 11:56:56; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32570
 20; 6847.7; 23-MAY-2008 12:03:41; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32570
 21; 7014.4; 23-MAY-2008 12:06:28; Dark ; 53.0; 40; The Sco ; 1.86; 7100;occ; 106; 0;32570
 22; 7125.2; 23-MAY-2008 12:08:19; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32570
 23; 7247.1; 23-MAY-2008 12:10:21; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32570
 24; 7418.3; 23-MAY-2008 12:13:12; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32570
 25; 7561.7; 23-MAY-2008 12:15:35; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32570
 26; 7667.5; 23-MAY-2008 12:17:21; Bright; 30.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 61; 0;32570

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 2; 1735.1; 23-MAY-2008 12:19:05; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32571
 3; 1840.2; 23-MAY-2008 12:20:50; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32571
 4; 2024.5; 23-MAY-2008 12:23:54; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32571
 5; 2370.2; 23-MAY-2008 12:29:40; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32571
 6; 2560.1; 23-MAY-2008 12:32:50; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32571
 7; 3044.5; 23-MAY-2008 12:40:54; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32571
 8; 3172.2; 23-MAY-2008 12:43:02; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32571
 9; 3446.8; 23-MAY-2008 12:47:36; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32571
 10; 3937.0; 23-MAY-2008 12:55:46; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32571
 11; 4009.0; 23-MAY-2008 12:56:58; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32571
 12; 4381.7; 23-MAY-2008 13:03:11; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;32571
 13; 4533.9; 23-MAY-2008 13:05:43; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 0;32571
 14; 4801.6; 23-MAY-2008 13:10:11; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32571
 15; 5330.9; 23-MAY-2008 13:19:00; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32571
 16; 5737.5; 23-MAY-2008 13:25:47; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;32571
 17; 5854.2; 23-MAY-2008 13:27:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32571
 18; 6019.5; 23-MAY-2008 13:30:29; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32571
 19; 6120.8; 23-MAY-2008 13:32:10; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32571
 20; 6442.8; 23-MAY-2008 13:37:32; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32571
 21; 6848.4; 23-MAY-2008 13:44:18; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32571
 22; 7015.0; 23-MAY-2008 13:47:04; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;32571
 23; 7125.8; 23-MAY-2008 13:48:55; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32571

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24; 7247.5; 23-MAY-2008 13:50:57; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32571
25; 7418.6; 23-MAY-2008 13:53:48; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32571
26; 7561.8; 23-MAY-2008 13:56:11; Bright; 38.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 77; 0;32571
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2; 1631.9; 23-MAY-2008 13:57:57; Bright; 35.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 71; 0;32572
3; 1735.1; 23-MAY-2008 13:59:40; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32572
4; 1840.3; 23-MAY-2008 14:01:26; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32572
5; 2024.4; 23-MAY-2008 14:04:30; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32572
6; 2370.3; 23-MAY-2008 14:10:16; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32572
7; 2560.1; 23-MAY-2008 14:13:25; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32572
8; 3044.2; 23-MAY-2008 14:21:29; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32572
9; 3172.2; 23-MAY-2008 14:23:38; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32572
10; 3446.8; 23-MAY-2008 14:28:12; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32572
11; 3937.0; 23-MAY-2008 14:36:22; Bright; 39.5; 76; 27Gam Cas ; 2.30; 30000;occ; 79; 0;32572
12; 4009.0; 23-MAY-2008 14:37:34; Bright; 48.0; 68; 18Alp Cas ; 2.22; 4500;occ; 96; 0;32572
13; 4381.8; 23-MAY-2008 14:43:47; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32572
14; 4534.2; 23-MAY-2008 14:46:19; Dark ; 49.5; 58; 21Alp And ; 2.07; 11000;occ; 99; 0;32572
15; 4802.2; 23-MAY-2008 14:50:47; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;32572
16; 5331.4; 23-MAY-2008 14:59:37; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32572
17; 5738.0; 23-MAY-2008 15:06:23; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;32572
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21; 6443.5; 23-MAY-2008 15:18:09; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32572
22; 6848.8; 23-MAY-2008 15:24:54; Dark ; 38.5; 141; Bet Ara ; 2.84; 4600;occ; 77; 0;32572
23; 7015.7; 23-MAY-2008 15:27:41; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;32572
24; 7126.3; 23-MAY-2008 15:29:32; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32572
25; 7248.0; 23-MAY-2008 15:31:33; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32572
26; 7418.8; 23-MAY-2008 15:34:24; Dark ; 32.5; 16; 21Alp Sco ; 1.02; 3000;occ; 65; 0;32572
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3; 1632.0; 23-MAY-2008 15:38:33; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32573
4; 1735.2; 23-MAY-2008 15:40:16; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;32573
5; 1840.1; 23-MAY-2008 15:42:01; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32573
6; 2024.2; 23-MAY-2008 15:45:05; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32573
7; 2370.1; 23-MAY-2008 15:50:51; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32573
8; 2560.1; 23-MAY-2008 15:54:01; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32573
9; 3043.8; 23-MAY-2008 16:02:05; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32573
10; 3172.1; 23-MAY-2008 16:04:13; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32573
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12; 3937.0; 23-MAY-2008 16:16:58; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32573
13; 4009.1; 23-MAY-2008 16:18:10; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32573
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16; 4802.5; 23-MAY-2008 16:31:24; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32573
17; 5331.9; 23-MAY-2008 16:40:13; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32573
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19; 5855.5; 23-MAY-2008 16:48:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32573
20; 6021.2; 23-MAY-2008 16:51:42; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;32573
21; 6122.7; 23-MAY-2008 16:53:24; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32573
22; 6444.3; 23-MAY-2008 16:58:46; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32573
23; 6849.3; 23-MAY-2008 17:05:31; Dark ; 47.0; 141; Bet Ara ; 2.84; 4600;occ; 94; 0;32573
24; 7016.3; 23-MAY-2008 17:08:18; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32573
25; 7127.0; 23-MAY-2008 17:10:08; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;32573
26; 7248.4; 23-MAY-2008 17:12:10; Dark ; 9.5; 75; 26Eps Sco ; 2.29; 4250;occ; 19; 0;32573
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12; 3043.1; 23-MAY-2008 19:23:16; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32575
13; 3172.0; 23-MAY-2008 19:25:25; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32575
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23; 6022.6; 23-MAY-2008 20:12:56; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;32575
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26; 6850.0; 23-MAY-2008 20:26:43; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32575
27; 7017.2; 23-MAY-2008 20:29:30; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;32575
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 3; 815.9; 24-MAY-2008 03:09:09; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;32580
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 5; 1094.0; 24-MAY-2008 03:13:47; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;32580
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13; 2560.0; 24-MAY-2008 03:38:13; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32580
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13; 984.0; 24-MAY-2008 04:52:33; Dark ; 44.5; 40; The Sco ; 1.86; 7100;occ; 89; 0;32581
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21; 2369.8; 24-MAY-2008 05:15:39; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32581
22; 2560.0; 24-MAY-2008 05:18:49; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32581
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14; 4807.8; 24-MAY-2008 15:59:52; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32587
15; 5338.3; 24-MAY-2008 16:08:43; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32587
16; 5863.3; 24-MAY-2008 16:17:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32587
17; 6031.8; 24-MAY-2008 16:20:16; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32587
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19; 6454.1; 24-MAY-2008 16:27:18; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32587
20; 6855.4; 24-MAY-2008 16:34:00; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;32587
21; 7023.7; 24-MAY-2008 16:36:48; Dark ; 50.5; 40; The Sco ; 1.86; 7100;occ; 101; 0;32587
22; 7134.1; 24-MAY-2008 16:38:38; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32587
23; 7253.5; 24-MAY-2008 16:40:38; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32587
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2; 1386.7; 24-MAY-2008 16:43:27; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32588
3; 1528.4; 24-MAY-2008 16:45:49; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32588
4; 1736.4; 24-MAY-2008 16:49:17; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32588
5; 1838.8; 24-MAY-2008 16:50:59; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32588
6; 2022.3; 24-MAY-2008 16:54:03; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32588

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8; 3038.1; 24-MAY-2008 17:10:58; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32588
9; 3170.9; 24-MAY-2008 17:13:11; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32588
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11; 3936.3; 24-MAY-2008 17:25:57; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32588
12; 4008.1; 24-MAY-2008 17:27:08; Bright; 38.5; 68; 18Alp Cas ; 2.22; 4500;occ; 77; 0;32588
13; 4383.7; 24-MAY-2008 17:33:24; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;32588
14; 4537.1; 24-MAY-2008 17:35:57; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;32588
15; 4808.2; 24-MAY-2008 17:40:28; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32588
16; 5338.7; 24-MAY-2008 17:49:19; Dark ; 47.5; 52; 16Bet Cet ; 2.04; 4500;occ; 95; 0;32588
17; 5863.8; 24-MAY-2008 17:58:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32588
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19; 6135.6; 24-MAY-2008 18:02:36; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32588
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21; 6855.7; 24-MAY-2008 18:14:36; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32588
22; 7024.2; 24-MAY-2008 18:17:24; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32588
23; 7134.6; 24-MAY-2008 18:19:15; Dark ; 39.5; 25; 35Lam Sco ; 1.62; 28000;occ; 79; 0;32588

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3; 1386.9; 24-MAY-2008 18:24:03; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32589
4; 1528.5; 24-MAY-2008 18:26:25; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32589
5; 1736.4; 24-MAY-2008 18:29:53; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32589
6; 1838.7; 24-MAY-2008 18:31:35; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32589
7; 2022.0; 24-MAY-2008 18:34:38; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32589
8; 2369.3; 24-MAY-2008 18:40:26; Bright; 39.5; 83; ; 2.38; 11000;occ; 79; 0;32589
9; 3037.6; 24-MAY-2008 18:51:34; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32589
10; 3170.8; 24-MAY-2008 18:53:47; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32589
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12; 3936.2; 24-MAY-2008 19:06:32; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;32589
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14; 4383.6; 24-MAY-2008 19:14:00; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32589
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17; 5339.0; 24-MAY-2008 19:29:55; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;32589
18; 5864.4; 24-MAY-2008 19:38:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32589
19; 6033.2; 24-MAY-2008 19:41:29; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;32589
20; 6136.3; 24-MAY-2008 19:43:13; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32589
21; 6455.4; 24-MAY-2008 19:48:32; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32589
22; 6856.0; 24-MAY-2008 19:55:12; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32589
23; 7024.6; 24-MAY-2008 19:58:01; Dark ; 26.5; 40; The Sco ; 1.86; 7100;occ; 53; 0;32589

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2; -169.9; 25-MAY-2008 00:40:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32592
3; -0.5; 25-MAY-2008 00:43:19; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32592
4; 103.0; 25-MAY-2008 00:45:03; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32593
5; 421.6; 25-MAY-2008 00:50:21; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32593
6; 821.3; 25-MAY-2008 00:57:01; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32593
7; 990.2; 25-MAY-2008 00:59:50; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32593
8; 1100.5; 25-MAY-2008 01:01:40; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;32593
9; 1219.2; 25-MAY-2008 01:03:39; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32593
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11; 1529.2; 25-MAY-2008 01:08:49; Bright; 39.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 79; 0;32593
12; 1736.9; 25-MAY-2008 01:12:17; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32593
13; 1838.2; 25-MAY-2008 01:13:58; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32593
14; 2021.4; 25-MAY-2008 01:17:01; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32593
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16; 3036.2; 25-MAY-2008 01:33:56; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32593
17; 3170.5; 25-MAY-2008 01:36:10; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;32593
18; 3683.1; 25-MAY-2008 01:44:43; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32593
19; 3935.9; 25-MAY-2008 01:48:56; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;32593
20; 4007.7; 25-MAY-2008 01:50:08; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32593
21; 4384.1; 25-MAY-2008 01:56:24; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32593
22; 4537.8; 25-MAY-2008 01:58:58; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32593
23; 4810.0; 25-MAY-2008 02:03:30; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32593

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2; -169.3; 25-MAY-2008 02:21:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32593


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4; 103.9; 25-MAY-2008 02:25:40; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32594
5; 422.3; 25-MAY-2008 02:30:58; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32594
6; 821.8; 25-MAY-2008 02:37:37; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32594
7; 990.8; 25-MAY-2008 02:40:27; Dark ; 52.0; 40; The Sco ; 1.86; 7100;occ; 104; 0;32594
8; 1101.0; 25-MAY-2008 02:42:17; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;32594
9; 1219.6; 25-MAY-2008 02:44:15; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32594
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11; 1529.4; 25-MAY-2008 02:49:25; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32594
12; 1737.0; 25-MAY-2008 02:52:53; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32594
13; 1838.2; 25-MAY-2008 02:54:34; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32594
14; 2021.4; 25-MAY-2008 02:57:37; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32594
15; 2369.2; 25-MAY-2008 03:03:25; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;32594
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4; -1497.9; 25-MAY-2008 03:39:34; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;32594
5; -1225.5; 25-MAY-2008 03:44:06; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32594
6; -694.6; 25-MAY-2008 03:52:57; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32594
7; -168.8; 25-MAY-2008 04:01:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32594
8; 1.2; 25-MAY-2008 04:04:33; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32595
9; 104.9; 25-MAY-2008 04:06:17; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32595
10; 423.1; 25-MAY-2008 04:11:35; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32595
11; 822.3; 25-MAY-2008 04:18:14; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32595
12; 991.5; 25-MAY-2008 04:21:03; Dark ; 47.0; 40; The Sco ; 1.86; 7100;occ; 94; 0;32595
13; 1101.6; 25-MAY-2008 04:22:53; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32595
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15; 1388.4; 25-MAY-2008 04:27:40; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32595
16; 1529.5; 25-MAY-2008 04:30:01; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32595
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21; 3035.6; 25-MAY-2008 04:55:07; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32595
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3; 1223.4; 25-MAY-2008 21:10:55; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;32605
4; 1351.5; 25-MAY-2008 21:13:03; Dark ; 43.5; 136; 23Tau Sco ; 2.82; 30000;occ; 87; 0;32605
5; 1531.0; 25-MAY-2008 21:16:02; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32605
6; 1738.0; 25-MAY-2008 21:19:29; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;32605
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9; 2369.1; 25-MAY-2008 21:30:00; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32605
10; 3031.9; 25-MAY-2008 21:41:03; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32605
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13; 3935.3; 25-MAY-2008 21:56:06; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32605
14; 4006.9; 25-MAY-2008 21:57:18; Bright; 56.0; 68; 18Alp Cas ; 2.22; 4500;occ; 112; 0;32605
15; 4385.4; 25-MAY-2008 22:03:37; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;32605
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17; 4814.9; 25-MAY-2008 22:10:46; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32605
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3; 9.6; 25-MAY-2008 22:31:17; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;32606
4; 114.4; 25-MAY-2008 22:33:01; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32606
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6; 826.8; 25-MAY-2008 22:44:54; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32606
7; 1052.9; 25-MAY-2008 22:48:40; Dark ; 25.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 50; 0;32606
8; 1107.0; 25-MAY-2008 22:49:34; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32606
9; 1223.7; 25-MAY-2008 22:51:31; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32606
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14; 2020.1; 25-MAY-2008 23:04:47; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32606
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20; 4006.8; 25-MAY-2008 23:37:54; Bright; 56.0; 68; 18Alp Cas ; 2.22; 4500;occ; 112; 0;32606
21; 4385.5; 25-MAY-2008 23:44:12; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32606
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 4; 2369.3; 25-MAY-2008 08:05:13; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32597
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13;	5343.3;	25-MAY-2008	10:35:23;	Dark	;	46.5;	52;	16Bet Cet	;	2.04;	4500;occ;	93;	0;	32598
14;	5869.4;	25-MAY-2008	10:44:09;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	32598
15;	6040.2;	25-MAY-2008	10:47:00;	Dark	;	54.0;	63;	Bet Gru	;	2.15;	2800;occ;	108;	0;	32598
16;	6144.2;	25-MAY-2008	10:48:44;	Dark	;	44.0;	31;	Alp Gru	;	1.73;	15200;occ;	88;	0;	32598
17;	6461.8;	25-MAY-2008	10:54:01;	Dark	;	40.5;	45;	Alp Pav	;	1.94;	26000;occ;	81;	0;	32598
18;	6859.9;	25-MAY-2008	11:00:40;	Dark	;	41.0;	141;	Bet Ara	;	2.84;	4600;occ;	82;	0;	32598
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20;	7139.5;	25-MAY-2008	11:05:19;	Dark	;	50.0;	25;	35Lam Sco	;	1.62;	28000;occ;	100;	0;	32598
21;	7257.2;	25-MAY-2008	11:07:17;	Dark	;	47.5;	75;	26Eps Sco	;	2.29;	4250;occ;	95;	0;	32598
22;	7385.8;	25-MAY-2008	11:09:25;	Dark	;	40.5;	136;	23Tau Sco	;	2.82;	30000;occ;	81;	0;	32598
23;	7566.0;	25-MAY-2008	11:12:26;	Bright;		40.0;	97;	8Bet1Sco	;	2.56;	30000;occ;	80;	0;	32598
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2;	1837.8;	25-MAY-2008	11:17:33;	Bright;		42.5;	120;	1Del Oph	;	2.73;	3200;occ;	85;	0;	32599
3;	2021.0;	25-MAY-2008	11:20:36;	Bright;		38.5;	102;	24Alp Ser	;	2.60;	4250;occ;	77;	0;	32599
4;	2369.2;	25-MAY-2008	11:26:25;	Bright;		37.5;	83;		;	2.38;	11000;occ;	75;	0;	32599
5;	3034.0;	25-MAY-2008	11:37:29;	Bright;		38.5;	119;	14Eta Dra	;	2.73;	4700;occ;	77;	0;	32599
6;	3170.3;	25-MAY-2008	11:39:46;	Bright;		35.5;	60;	7Bet UMi	;	2.08;	3950;occ;	71;	0;	32599
7;	3680.0;	25-MAY-2008	11:48:15;	Bright;		46.5;	89;	5Alp Cep	;	2.45;	8000;occ;	93;	0;	32599
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13;	5343.8;	25-MAY-2008	12:15:59;	Dark	;	42.5;	52;	16Bet Cet	;	2.04;	4500;occ;	85;	0;	32599
14;	5870.0;	25-MAY-2008	12:24:45;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	32599
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16;	6145.0;	25-MAY-2008	12:29:20;	Dark	;	44.0;	31;	Alp Gru	;	1.73;	15200;occ;	88;	0;	32599
17;	6462.5;	25-MAY-2008	12:34:38;	Dark	;	42.0;	45;	Alp Pav	;	1.94;	26000;occ;	84;	0;	32599
18;	6860.4;	25-MAY-2008	12:41:16;	Dark	;	42.0;	141;	Bet Ara	;	2.84;	4600;occ;	84;	0;	32599
19;	7029.8;	25-MAY-2008	12:44:05;	Dark	;	47.0;	40;	The Sco	;	1.86;	7100;occ;	94;	0;	32599
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22;	7386.1;	25-MAY-2008	12:50:02;	Dark	;	44.0;	136;	23Tau Sco	;	2.82;	30000;occ;	88;	0;	32599
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5; -1218.9; 26-MAY-2008 06:33:48; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;32610

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9; 118.9; 26-MAY-2008 06:56:06; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32611
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5; 2572.1; 26-MAY-2008 10:58:11; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32613

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23; 7621.3; 27-MAY-2008 10:10:07; Bright; 48.5; 86; 35Eta Oph ; 2.43; 10200;occ; 97; 0;32626
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 2; 2018.3; 27-MAY-2008 10:17:20; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32627
 3; 2379.0; 27-MAY-2008 10:23:21; Bright; 39.5; 67; 5Alp CrB ; 2.22; 11000;occ; 79; 0;32627
 4; 2563.2; 27-MAY-2008 10:26:25; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32627
 5; 3024.3; 27-MAY-2008 10:34:06; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32627
 6; 3168.6; 27-MAY-2008 10:36:30; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32627
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 3; 1836.1; 27-MAY-2008 11:54:53; Bright; 41.0; 120; 1Del Oph ; 2.73; 3200;occ; 82; 0;32628
 4; 2018.2; 27-MAY-2008 11:57:56; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32628
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 8; 3168.5; 27-MAY-2008 12:17:06; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;32628
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13; 4824.6; 27-MAY-2008 12:44:42; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;32628
14; 5358.3; 27-MAY-2008 12:53:36; Dark ; 48.0; 52; 16Bet Cet ; 2.04; 4500;occ; 96; 0;32628
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16; 6063.8; 27-MAY-2008 13:05:21; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;32628
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22; 7267.7; 27-MAY-2008 13:25:25; Dark ; 44.0; 75; 26Eps Sco ; 2.29; 4250;occ; 88; 0;32628
23; 7393.9; 27-MAY-2008 13:27:31; Dark ; 43.0; 136; 23Tau Sco ; 2.82; 30000;occ; 86; 0;32628
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 3; 1701.4; 27-MAY-2008 16:54:27; Bright; 42.0; 98; 13Zet Oph ; 2.57; 30000;occ; 84; 0;32631
 4; 2017.9; 27-MAY-2008 16:59:43; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32631

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7; 3023.1; 27-MAY-2008 17:16:28; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32631
8; 3168.6; 27-MAY-2008 17:18:54; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32631
9; 3662.4; 27-MAY-2008 17:27:08; Bright; 46.5; 89; 5Alp Cep ; 2.45; 8000;occ; 93; 0;32631
10; 3933.9; 27-MAY-2008 17:31:39; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32631
11; 4388.5; 27-MAY-2008 17:39:14; Bright; 42.0; 53; 43Bet And ; 2.05; 3300;occ; 84; 0;32631
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13; 4825.9; 27-MAY-2008 17:46:31; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32631
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18; 6485.1; 27-MAY-2008 18:14:10; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32631
19; 6873.9; 27-MAY-2008 18:20:39; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32631
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3; 1836.1; 27-MAY-2008 13:35:29; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32629
4; 2018.3; 27-MAY-2008 13:38:31; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32629
5; 2378.6; 27-MAY-2008 13:44:32; Bright; 39.0; 67; 5Alp CrB ; 2.22; 11000;occ; 78; 0;32629
6; 2562.1; 27-MAY-2008 13:47:35; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32629
7; 3023.7; 27-MAY-2008 13:55:17; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32629
8; 3168.6; 27-MAY-2008 13:57:42; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32629
9; 3663.5; 27-MAY-2008 14:05:57; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32629
10; 3934.1; 27-MAY-2008 14:10:27; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32629
11; 4388.2; 27-MAY-2008 14:18:01; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;32629
12; 4544.6; 27-MAY-2008 14:20:38; Dark ; 50.5; 58; 21Alp And ; 2.07; 11000;occ; 101; 0;32629
13; 4825.1; 27-MAY-2008 14:25:18; Dark ; 50.0; 140; 88Gam Peg ; 2.83; 26000;occ; 100; 0;32629
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22; 7268.1; 27-MAY-2008 15:06:01; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32629
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3; 2018.0; 27-MAY-2008 15:19:07; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32630
4; 2378.4; 27-MAY-2008 15:25:07; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;32630
5; 2561.5; 27-MAY-2008 15:28:11; Bright; 45.0; 133; 40Zet Her ; 2.81; 6000;occ; 90; 0;32630
6; 3023.3; 27-MAY-2008 15:35:52; Bright; 46.0; 119; 14Eta Dra ; 2.73; 4700;occ; 92; 0;32630
7; 3168.6; 27-MAY-2008 15:38:18; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32630
8; 3663.0; 27-MAY-2008 15:46:32; Bright; 68.0; 89; 5Alp Cep ; 2.45; 8000;occ; 136; 0;32630
9; 3934.1; 27-MAY-2008 15:51:03; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;32630
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11; 4544.7; 27-MAY-2008 16:01:14; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;32630
12; 4825.6; 27-MAY-2008 16:05:55; Dark ; 47.0; 140; 88Gam Peg ; 2.83; 26000;occ; 94; 0;32630
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4; 1358.9; 27-MAY-2008 18:29:20; Dark ; 42.5; 136; 23Tau Sco ; 2.82; 30000;occ; 85; 0;32632
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12; 3661.9; 27-MAY-2008 19:07:43; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;32632
13; 3933.9; 27-MAY-2008 19:12:15; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;32632
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9; 1234.1; 28-MAY-2008 01:09:39; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;32636
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13; 2017.5; 28-MAY-2008 01:22:42; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32636
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 23; 7401.0; 29-MAY-2008 10:43:48; Dark ; 41.5; 136; 23Tau Sco ; 2.82; 30000;occ; 83; 0;32655
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 6; 3014.8; 29-MAY-2008 11:11:18; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;32656
 7; 3167.3; 29-MAY-2008 11:13:51; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32656
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 7; 3014.6; 29-MAY-2008 12:51:54; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;32657
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21; 6884.7; 29-MAY-2008 15:37:00; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32658
22; 7058.9; 29-MAY-2008 15:39:54; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32658
23; 7167.6; 29-MAY-2008 15:41:43; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32658

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12; 3013.3; 29-MAY-2008 19:34:16; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;32661
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 22; 6090.7; 29-MAY-2008 20:25:34; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;32661
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 6; 3011.3; 30-MAY-2008 07:18:26; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32668
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 8; 3639.0; 30-MAY-2008 14:11:17; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32672
 9; 3930.9; 30-MAY-2008 14:16:09; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32672
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 19; 6964.4; 30-MAY-2008 15:06:42; Dark ; 38.5; 147; Alp Ara ; 2.88; 26000;occ; 77; 0;32672
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 4; 1834.4; 30-MAY-2008 15:21:48; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;32673
 5; 2015.6; 30-MAY-2008 15:24:50; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32673
 6; 2371.4; 30-MAY-2008 15:30:45; Bright; 37.0; 67; 5Alp CrB ; 2.22; 11000;occ; 74; 0;32673
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4; 79.1; 31-MAY-2008 21:03:20; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;32691
5; 191.8; 31-MAY-2008 21:05:13; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32691
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