

# GOMOS Daily Report 06-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 09:26:42
Data source version	GOMOS/5.00
Start time of products	06-MAY-2008 (06MAY2008 00:00:00)
Stop time of products	07-MAY-2008 (07MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	138
Nb of prods with errors	0

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

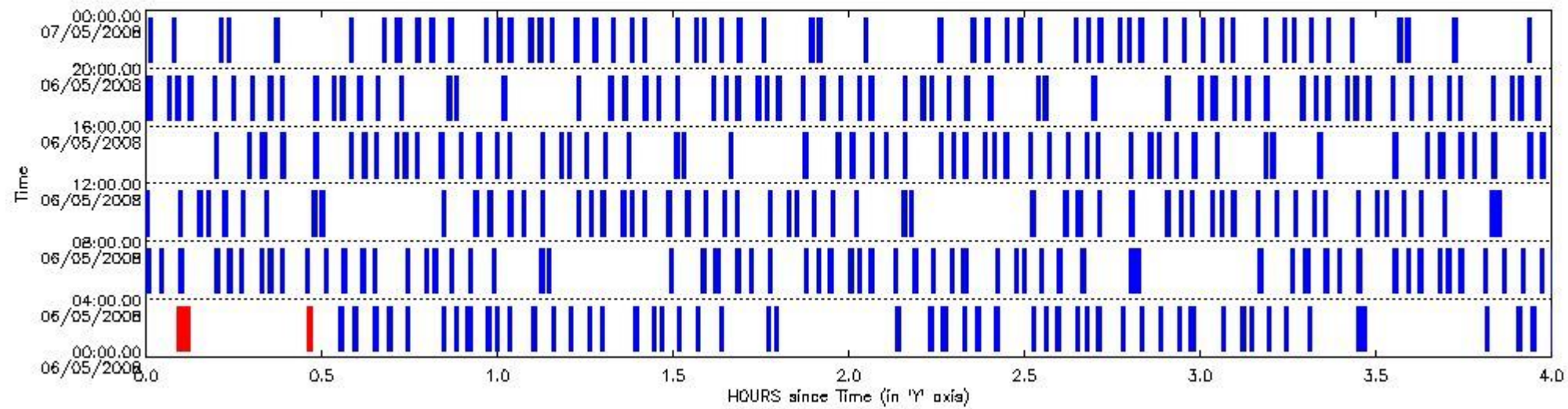
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
06-MAY-2008 00:05:21	27GamCas	76	32320
06-MAY-2008 00:06:36	18AlpCas	68	32320
06-MAY-2008 00:27:24	16BetCet	52	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_1PNPDE20080506_003254_000000462068_00202_32320_9047.N1	06-MAY-2008 00:32:54	Dark	45.500	18	24Alp PsA	1.1660	9700.0	91	32320	No
2	GOM_TRA_1PNPDE20080506_003844_000000422068_00202_32320_9048.N1	06-MAY-2008 00:38:44	Dark	41.500	31	Alp Gru	1.7340	15200.	83	32320	No
3	GOM_TRA_1PNPDE20080506_004105_000000472068_00203_32321_9049.N1	06-MAY-2008 00:41:05	Dark	46.500	148	Alp Tuc	2.8780	4100.0	93	32321	No
4	GOM_TRA_1PNPDE20080506_004418_000000402068_00203_32321_9050.N1	06-MAY-2008 00:44:18	Dark	39.500	45	Alp Pav	1.9400	26000.	79	32321	No
5	GOM_TRA_1PNPDE20080506_005030_000000392068_00203_32321_9051.N1	06-MAY-2008 00:50:30	Straylight	38.500	43	Alp TrA	1.9100	4250.0	77	32321	No
6	GOM_TRA_1PNPDE20080506_005243_000000372068_00203_32321_9052.N1	06-MAY-2008 00:52:43	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32321	No
7	GOM_TRA_1PNPDE20080506_005438_000000512068_00203_32321_9053.N1	06-MAY-2008 00:54:38	Straylight	51.000	4	Alp1Cen	-0.010000	5800.0	102	32321	No
8	GOM_TRA_1PNPDE20080506_005807_000000412068_00203_32321_9054.N1	06-MAY-2008 00:58:07	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	32321	No

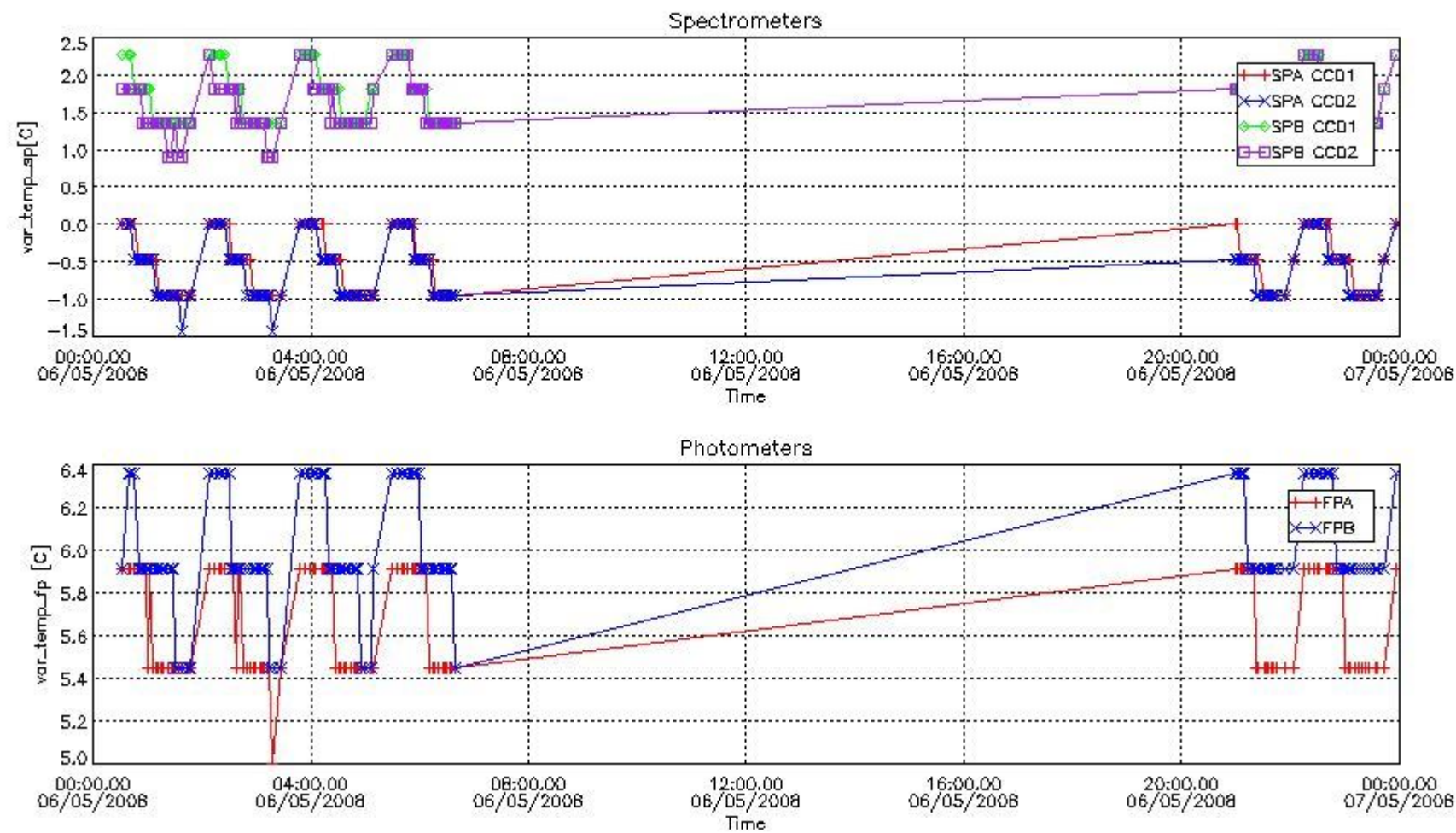
9	GOM_TRA_1PNPDE20080506_005939_000000392068_00203_32321_9055.N1	06-MAY-2008 00:59:39	Straylight	38.500	81	Eta Cen	2.3560	28000.	77	32321	No
10	GOM_TRA_1PNPDE20080506_010140_000000472068_00203_32321_9056.N1	06-MAY-2008 01:01:40	Twilight_and_stray	46.500	54	5The Cen	2.0550	4500.0	93	32321	No
11	GOM_TRA_1PNPDE20080506_010552_000000372068_00203_32321_9057.N1	06-MAY-2008 01:05:52	Bright	36.500	169	46Gam Hya	2.9910	4700.0	73	32321	No
12	GOM_TRA_1PNPDE20080506_010909_000000382068_00203_32321_9058.N1	06-MAY-2008 01:09:09	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32321	No
13	GOM_TRA_1PNPDE20080506_011217_000000372068_00203_32321_9059.N1	06-MAY-2008 01:12:17	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	32321	No
14	GOM_TRA_1PNPDE20080506_011530_000000352068_00203_32321_9060.N1	06-MAY-2008 01:15:30	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32321	No
15	GOM_TRA_1PNPDE20080506_011731_000000372068_00203_32321_9061.N1	06-MAY-2008 01:17:31	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	32321	No
16	GOM_TRA_1PNPDE20080506_012308_000000482068_00203_32321_9062.N1	06-MAY-2008 01:23:08	Bright	47.500	152	12Alp2CVn	2.8900	11000.	95	32321	No
17	GOM_TRA_1PNPDE20080506_012623_000000362068_00203_32321_9063.N1	06-MAY-2008 01:26:23	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32321	No
18	GOM_TRA_1PNPDE20080506_012749_000000362068_00203_32321_9064.N1	06-MAY-2008 01:27:49	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32321	No
19	GOM_TRA_1PNPDE20080506_013042_000000382068_00203_32321_9065.N1	06-MAY-2008 01:30:42	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	32321	No
20	GOM_TRA_1PNPDE20080506_013351_000000392068_00203_32321_9066.N1	06-MAY-2008 01:33:51	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32321	No
21	GOM_TRA_1PNPDE20080506_013752_000000362068_00203_32321_9067.N1	06-MAY-2008 01:37:52	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32321	No
22	GOM_TRA_1PNPDE20080506_014558_000000342068_00203_32321_9068.N1	06-MAY-2008 01:45:58	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32321	No
23	GOM_TRA_1PNPDE20080506_014713_000000352068_00203_32321_9069.N1	06-MAY-2008 01:47:13	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	32321	No
24	GOM_TRA_1PNPDE20080506_020801_000000422068_00203_32321_9183.N1	06-MAY-2008 02:08:01	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32321	No
25	GOM_TRA_1PNPDE20080506_021331_000000452068_00203_32321_9184.N1	06-MAY-2008 02:13:31	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	32321	No
26	GOM_TRA_1PNPDE20080506_021921_000000402068_00203_32321_9185.N1	06-MAY-2008 02:19:21	Dark	40.000	31	Alp Gru	1.7340	15200.	80	32321	No
27	GOM_TRA_1PNPDE20080506_022142_000000432068_00204_32322_9186.N1	06-MAY-2008 02:21:42	Dark	43.000	148	Alp Tuc	2.8780	4100.0	86	32322	No
28	GOM_TRA_1PNPDE20080506_022455_000000422068_00204_32322_9187.N1	06-MAY-2008 02:24:55	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32322	No
29	GOM_TRA_1PNPDE20080506_023107_000000392068_00204_32322_9188.N1	06-MAY-2008 02:31:07	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	32322	No
30	GOM_TRA_1PNPDE20080506_023319_000000382068_00204_32322_9189.N1	06-MAY-2008 02:33:19	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	32322	No
31	GOM_TRA_1PNPDE20080506_023515_000000452068_00204_32322_9190.N1	06-MAY-2008 02:35:15	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	32322	No
32	GOM_TRA_1PNPDE20080506_023843_000000392068_00204_32322_9191.N1	06-MAY-2008 02:38:43	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	32322	No
33	GOM_TRA_1PNPDE20080506_024015_000000402068_00204_32322_9192.N1	06-MAY-2008 02:40:15	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	32322	No
34	GOM_TRA_1PNPDE20080506_024216_000000422068_00204_32322_9193.N1	06-MAY-2008 02:42:16	Twilight_and_stray	41.500	54	5The Cen	2.0550	4500.0	83	32322	No
35	GOM_TRA_1PNPDE20080506_024628_000000392068_00204_32322_9194.N1	06-MAY-2008 02:46:28	Bright	38.500	169	46Gam Hya	2.9910	4700.0	77	32322	No
36	GOM_TRA_1PNPDE20080506_024945_000000392068_00204_32322_9195.N1	06-MAY-2008 02:49:45	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	32322	No
37	GOM_TRA_1PNPDE20080506_025253_000000362068_00204_32322_9196.N1	06-MAY-2008 02:52:53	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	32322	No
38	GOM_TRA_1PNPDE20080506_025606_000000352068_00204_32322_9197.N1	06-MAY-2008 02:56:06	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32322	No
39	GOM_TRA_1PNPDE20080506_025806_000000542068_00204_32322_9198.N1	06-MAY-2008 02:58:06	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	32322	No
40	GOM_TRA_1PNPDE20080506_030344_000000352068_00204_32322_9199.N1	06-MAY-2008 03:03:44	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32322	No
41	GOM_TRA_1PNPDE20080506_030658_000000372068_00204_32322_9200.N1	06-MAY-2008 03:06:58	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	32322	No
42	GOM_TRA_1PNPDE20080506_030825_000000372068_00204_32322_9201.N1	06-MAY-2008 03:08:25	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	32322	No
43	GOM_TRA_1PNPDE20080506_031119_000000352068_00204_32322_9202.N1	06-MAY-2008 03:11:19	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	32322	No
44	GOM_TRA_1PNPDE20080506_031426_000000362068_00204_32322_9203.N1	06-MAY-2008 03:14:26	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	32322	No
45	GOM_TRA_1PNPDE20080506_031828_000000352068_00204_32322_9204.N1	06-MAY-2008 03:18:28	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32322	No
46	GOM_TRA_1PNPDE20080506_032634_000000522068_00204_32322_9367.N1	06-MAY-2008 03:26:34	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32322	No
47	GOM_TRA_1PNPDE20080506_032749_000000362068_00204_32322_9368.N1	06-MAY-2008 03:27:49	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	32322	No
48	GOM_TRA_1PNPDE20080506_034837_000000422068_00204_32322_9369.N1	06-MAY-2008 03:48:37	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32322	No
49	GOM_TRA_1PNPDE20080506_035407_000000472068_00204_32322_9370.N1	06-MAY-2008 03:54:07	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	32322	No
50	GOM_TRA_1PNPDE20080506_035957_000000462068_00204_32322_9371.N1	06-MAY-2008 03:59:57	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32322	No
51	GOM_TRA_1PNPDE20080506_040218_000000372068_00205_32323_9372.N1	06-MAY-2008 04:02:18	Dark	37.000	148	Alp Tuc	2.8780	4100.0	74	32323	No
52	GOM_TRA_1PNPDE20080506_040532_000000412068_00205_32323_9373.N1	06-MAY-2008 04:05:32	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32323	No
53	GOM_TRA_1PNPDE20080506_041143_000000392068_00205_32323_9374.N1	06-MAY-2008 04:11:43	Straylight	38.500	43	Alp TrA	1.9100	4250.0	77	32323	No
54	GOM_TRA_1PNPDE20080506_041355_000000372068_00205_32323_9375.N1	06-MAY-2008 04:13:55	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32323	No
55	GOM_TRA_1PNPDE20080506_041551_000000432068_00205_32323_9376.N1	06-MAY-2008 04:15:51	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	32323	No
56	GOM_TRA_1PNPDE20080506_041920_000000382068_00205_32323_9377.N1	06-MAY-2008 04:19:20	Straylight	37.500	78	Alp Lup	2.3040	28000.	75	32323	No
57	GOM_TRA_1PNPDE20080506_042051_000000392068_00205_32323_9378.N1	06-MAY-2008 04:20:51	Straylight	39.000	81	Eta Cen	2.3560	28000.	78	32323	No
58	GOM_TRA_1PNPDE20080506_042253_000000412068_00205_32323_9379.N1	06-MAY-2008 04:22:53	Twilight_and_stray	41.000	54	5The Cen	2.0550	4500.0	82	32323	No
59	GOM_TRA_1PNPDE20080506_042705_000000362068_00205_32323_9380.N1	06-MAY-2008 04:27:05	Bright	35.500	169	46Gam Hya	2.9910	4700.0	71	32323	No
60	GOM_TRA_1PNPDE20080506_043021_000000382068_00205_32323_9381.N1	06-MAY-2008 04:30:21	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32323	No
61	GOM_TRA_1PNPDE20080506_043329_000000362068_00205_32323_9382.N1	06-MAY-2008 04:33:29	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	32323	No
62	GOM_TRA_1PNPDE20080506_043642_000000352068_00205_32323_9383.N1	06-MAY-2008 04:36:42	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32323	No
63	GOM_TRA_1PNPDE20080506_043843_000000362068_00205_32323_9384.N1	06-MAY-2008 04:38:43	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	32323	No
64	GOM_TRA_1PNPDE20080506_044421_000000352068_00205_32323_9385.N1	06-MAY-2008 04:44:21	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	32323	No
65	GOM_TRA_1PNPDE20080506_044735_000000362068_00205_32323_9386.N1	06-MAY-2008 04:47:35	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32323	No
66	GOM_TRA_1PNPDE20080506_044901_000000362068_00205_32323_9387.N1	06-MAY-2008 04:49:01	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32323	No
67	GOM_TRA_1PNPDE20080506_045155_000000352068_00205_32323_9388.N1	06-MAY-2008 04:51:55	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	32323	No



68	GOM_TRA_1PNPDE20080506_045502_000000382068_00205_32323_9389.N1	06-MAY-2008 04:55:02	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32323	No
69	GOM_TRA_1PNPDE20080506_045904_000000362068_00205_32323_9390.N1	06-MAY-2008 04:59:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32323	No
70	GOM_TRA_1PNPDE20080506_050710_000000392068_00205_32323_9563.N1	06-MAY-2008 05:07:10	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32323	No
71	GOM_TRA_1PNPDE20080506_050825_000000422068_00205_32323_9564.N1	06-MAY-2008 05:08:25	Bright	41.500	68	18Alp Cas	2.2250	4500.0	83	32323	No
72	GOM_TRA_1PNPDE20080506_052914_000000432068_00205_32323_9565.N1	06-MAY-2008 05:29:14	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32323	No
73	GOM_TRA_1PNPDE20080506_053444_000000432068_00205_32323_9566.N1	06-MAY-2008 05:34:44	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	32323	No
74	GOM_TRA_1PNPDE20080506_054034_000000472068_00205_32323_9567.N1	06-MAY-2008 05:40:34	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32323	No
75	GOM_TRA_1PNPDE20080506_054254_000000422068_00206_32324_9568.N1	06-MAY-2008 05:42:54	Dark	41.500	148	Alp Tuc	2.8780	4100.0	83	32324	No
76	GOM_TRA_1PNPDE20080506_054608_000000412068_00206_32324_9569.N1	06-MAY-2008 05:46:08	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32324	No
77	GOM_TRA_1PNPDE20080506_055220_000000402068_00206_32324_9570.N1	06-MAY-2008 05:52:20	Straylight	39.500	43	Alp TrA	1.9100	4250.0	79	32324	No
78	GOM_TRA_1PNPDE20080506_055432_000000372068_00206_32324_9571.N1	06-MAY-2008 05:54:32	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32324	No
79	GOM_TRA_1PNPDE20080506_055627_000000502068_00206_32324_9572.N1	06-MAY-2008 05:56:27	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	32324	No
80	GOM_TRA_1PNPDE20080506_055956_000000392068_00206_32324_9573.N1	06-MAY-2008 05:59:56	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	32324	No
81	GOM_TRA_1PNPDE20080506_060128_000000392068_00206_32324_9574.N1	06-MAY-2008 06:01:28	Straylight	38.500	81	Eta Cen	2.3560	28000.	77	32324	No
82	GOM_TRA_1PNPDE20080506_060329_000000442068_00206_32324_9575.N1	06-MAY-2008 06:03:29	Tw_i_and_stray	43.500	54	5The Cen	2.0550	4500.0	87	32324	No
83	GOM_TRA_1PNPDE20080506_060741_000000382068_00206_32324_9576.N1	06-MAY-2008 06:07:41	Bright	37.500	169	46Gam Hya	2.9910	4700.0	75	32324	No
84	GOM_TRA_1PNPDE20080506_061057_000000382068_00206_32324_9577.N1	06-MAY-2008 06:10:57	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32324	No
85	GOM_TRA_1PNPDE20080506_061406_000000372068_00206_32324_9578.N1	06-MAY-2008 06:14:06	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	32324	No
86	GOM_TRA_1PNPDE20080506_061718_000000362068_00206_32324_9579.N1	06-MAY-2008 06:17:18	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	32324	No
87	GOM_TRA_1PNPDE20080506_061919_000000532068_00206_32324_9580.N1	06-MAY-2008 06:19:19	Bright	52.500	111	8Eta Boo	2.6800	6000.0	105	32324	No
88	GOM_TRA_1PNPDE20080506_062457_000000342068_00206_32324_9581.N1	06-MAY-2008 06:24:57	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32324	No
89	GOM_TRA_1PNPDE20080506_062810_000000372068_00206_32324_9582.N1	06-MAY-2008 06:28:10	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	32324	No
90	GOM_TRA_1PNPDE20080506_062937_000000352068_00206_32324_9583.N1	06-MAY-2008 06:29:37	Bright	35.000	55	79Zet UMa	2.0600	10200.	70	32324	No
91	GOM_TRA_1PNPDE20080506_063231_000000372068_00206_32324_9584.N1	06-MAY-2008 06:32:31	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32324	No
92	GOM_TRA_1PNPDE20080506_063538_000000382068_00206_32324_9585.N1	06-MAY-2008 06:35:38	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32324	No
93	GOM_TRA_1PNPDE20080506_063940_000000352068_00206_32324_9586.N1	06-MAY-2008 06:39:40	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32324	No
94	GOM_TRA_1PNPDE20080506_205958_000000372068_00215_32333_0813.N1	06-MAY-2008 20:59:58	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32333	No
95	GOM_TRA_1PNPDE20080506_210153_000000382068_00215_32333_0814.N1	06-MAY-2008 21:01:53	Straylight	38.000	4	Alp1Cen	-0.010000	5800.0	76	32333	No
96	GOM_TRA_1PNPDE20080506_210522_000000392068_00215_32333_0815.N1	06-MAY-2008 21:05:22	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	32333	No
97	GOM_TRA_1PNPDE20080506_210654_000000412068_00215_32333_0816.N1	06-MAY-2008 21:06:54	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	32333	No
98	GOM_TRA_1PNPDE20080506_210854_000000452068_00215_32333_0817.N1	06-MAY-2008 21:08:54	Tw_i_and_stray	44.500	54	5The Cen	2.0550	4500.0	89	32333	No
99	GOM_TRA_1PNPDE20080506_211306_000000372068_00215_32333_0818.N1	06-MAY-2008 21:13:06	Bright	37.000	169	46Gam Hya	2.9910	4700.0	74	32333	No
100	GOM_TRA_1PNPDE20080506_211622_000000382068_00215_32333_0819.N1	06-MAY-2008 21:16:22	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32333	No
101	GOM_TRA_1PNPDE20080506_211931_000000362068_00215_32333_0820.N1	06-MAY-2008 21:19:31	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	32333	No
102	GOM_TRA_1PNPDE20080506_212243_000000352068_00215_32333_0821.N1	06-MAY-2008 21:22:43	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32333	No
103	GOM_TRA_1PNPDE20080506_212441_000000362068_00215_32333_0822.N1	06-MAY-2008 21:24:41	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32333	No
104	GOM_TRA_1PNPDE20080506_213021_000000342068_00215_32333_0823.N1	06-MAY-2008 21:30:21	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32333	No
105	GOM_TRA_1PNPDE20080506_213333_000000352068_00215_32333_0824.N1	06-MAY-2008 21:33:33	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	32333	No
106	GOM_TRA_1PNPDE20080506_213500_000000332068_00215_32333_0825.N1	06-MAY-2008 21:35:00	Bright	33.000	55	79Zet UMa	2.0600	10200.	66	32333	No
107	GOM_TRA_1PNPDE20080506_213757_000000382068_00215_32333_0826.N1	06-MAY-2008 21:37:57	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	32333	No
108	GOM_TRA_1PNPDE20080506_214100_000000392068_00215_32333_0827.N1	06-MAY-2008 21:41:00	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	32333	No
109	GOM_TRA_1PNPDE20080506_214503_000000362068_00215_32333_0828.N1	06-MAY-2008 21:45:03	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32333	No
110	GOM_TRA_1PNPDE20080506_215310_000000522068_00215_32333_0829.N1	06-MAY-2008 21:53:10	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32333	No
111	GOM_TRA_1PNPDE20080506_215426_000000522068_00215_32333_0830.N1	06-MAY-2008 21:54:26	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	32333	No
112	GOM_TRA_1PNPDE20080506_220232_000000402068_00215_32333_0831.N1	06-MAY-2008 22:02:32	Bright	39.500	58	21Alp And	2.0730	11000.	79	32333	No
113	GOM_TRA_1PNPDE20080506_221515_000000432068_00215_32333_0979.N1	06-MAY-2008 22:15:15	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32333	No
114	GOM_TRA_1PNPDE20080506_222050_000000472068_00215_32333_0980.N1	06-MAY-2008 22:20:50	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	32333	No
115	GOM_TRA_1PNPDE20080506_222640_000000412068_00215_32333_0981.N1	06-MAY-2008 22:26:40	Dark	40.500	31	Alp Gru	1.7340	15200.	81	32333	No
116	GOM_TRA_1PNPDE20080506_222858_000000392068_00216_32334_0982.N1	06-MAY-2008 22:28:58	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32334	No
117	GOM_TRA_1PNPDE20080506_223214_000000392068_00216_32334_0983.N1	06-MAY-2008 22:32:14	Dark	39.000	45	Alp Pav	1.9400	26000.	78	32334	No
118	GOM_TRA_1PNPDE20080506_223822_000000382068_00216_32334_0984.N1	06-MAY-2008 22:38:22	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32334	No
119	GOM_TRA_1PNPDE20080506_224034_000000372068_00216_32334_0985.N1	06-MAY-2008 22:40:34	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32334	No
120	GOM_TRA_1PNPDE20080506_224229_000000442068_00216_32334_0986.N1	06-MAY-2008 22:42:29	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	32334	No
121	GOM_TRA_1PNPDE20080506_224558_000000402068_00216_32334_0987.N1	06-MAY-2008 22:45:58	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	32334	No
122	GOM_TRA_1PNPDE20080506_224730_000000382068_00216_32334_0988.N1	06-MAY-2008 22:47:30	Straylight	37.500	81	Eta Cen	2.3560	28000.	75	32334	No
123	GOM_TRA_1PNPDE20080506_224930_000000422068_00216_32334_0989.N1	06-MAY-2008 22:49:30	Tw_i_and_stray	42.000	54	5The Cen	2.0550	4500.0	84	32334	No
124	GOM_TRA_1PNPDE20080506_225342_000000392068_00216_32334_0990.N1	06-MAY-2008 22:53:42	Bright	38.500	169	46Gam Hya	2.9910	4700.0	77	32334	No
125	GOM_TRA_1PNPDE20080506_225658_000000382068_00216_32334_0991.N1	06-MAY-2008 22:56:58	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32334	No
126	GOM_TRA_1PNPDE20080506_230007_000000342068_00216_32334_0992.N1	06-MAY-2008 23:00:07	Bright	34.000	121	29Gam Vir	2.7400	7200.0	68	32334	No

127	GOM_TRA_1PNPDE20080506_230319_000000352068_00216_32334_0993.N1	06-MAY-2008 23:03:19	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32334	No
128	GOM_TRA_1PNPDE20080506_230517_000000352068_00216_32334_0994.N1	06-MAY-2008 23:05:17	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32334	No
129	GOM_TRA_1PNPDE20080506_231057_000000342068_00216_32334_0995.N1	06-MAY-2008 23:10:57	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	32334	No
130	GOM_TRA_1PNPDE20080506_231408_000000382068_00216_32334_0996.N1	06-MAY-2008 23:14:08	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	32334	No
131	GOM_TRA_1PNPDE20080506_231536_000000352068_00216_32334_0997.N1	06-MAY-2008 23:15:36	Bright	34.500	55	79Zet UMa	2.0600	10200.	69	32334	No
132	GOM_TRA_1PNPDE20080506_231834_000000382068_00216_32334_0998.N1	06-MAY-2008 23:18:34	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	32334	No
133	GOM_TRA_1PNPDE20080506_232136_000000392068_00216_32334_0999.N1	06-MAY-2008 23:21:36	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32334	No
134	GOM_TRA_1PNPDE20080506_232539_000000362068_00216_32334_1000.N1	06-MAY-2008 23:25:39	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32334	No
135	GOM_TRA_1PNPDE20080506_233346_000000352068_00216_32334_1001.N1	06-MAY-2008 23:33:46	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32334	No
136	GOM_TRA_1PNPDE20080506_233501_000000522068_00216_32334_1002.N1	06-MAY-2008 23:35:01	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	32334	No
137	GOM_TRA_1PNPDE20080506_234308_000000362068_00216_32334_1003.N1	06-MAY-2008 23:43:08	Bright	35.500	58	21Alp And	2.0730	11000.	71	32334	No
138	GOM_TRA_1PNPDE20080506_235551_000000432068_00216_32334_1004.N1	06-MAY-2008 23:55:51	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32334	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).

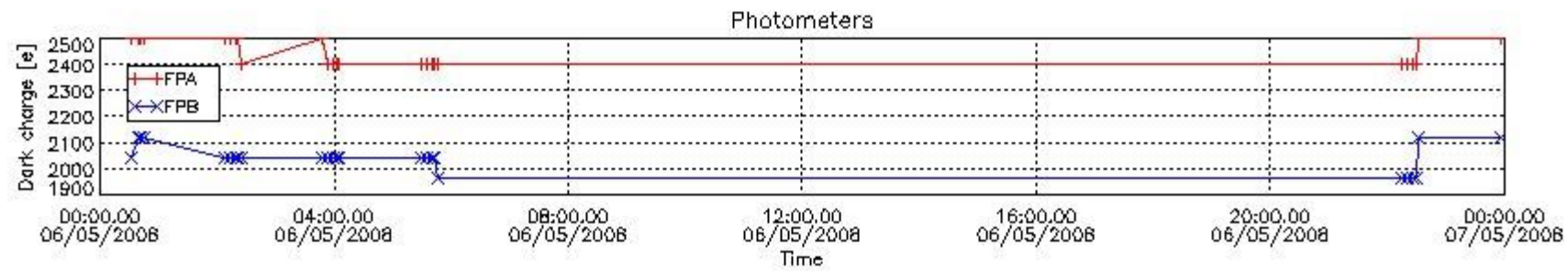
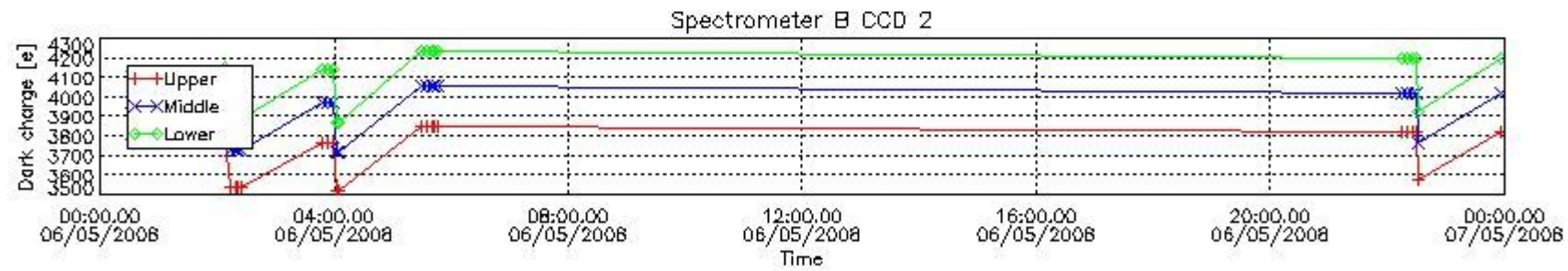
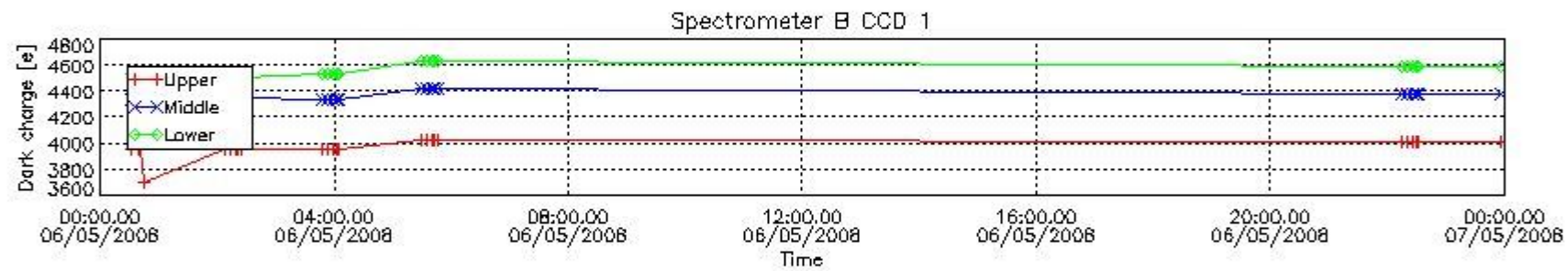
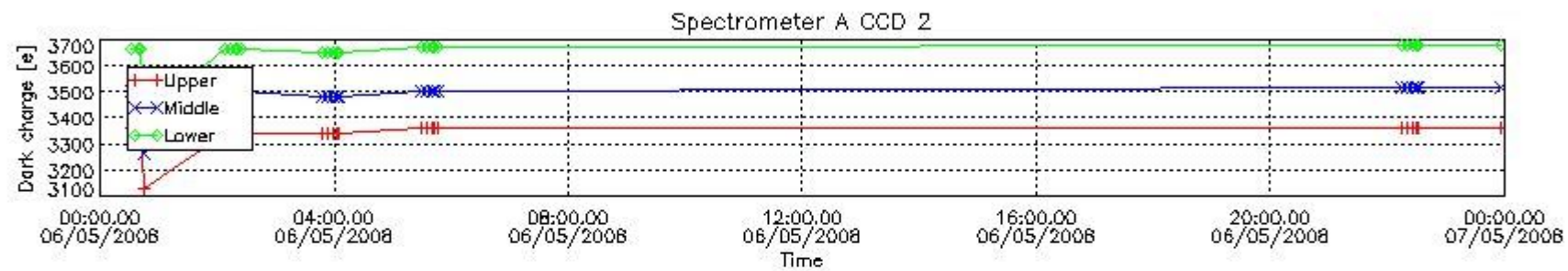
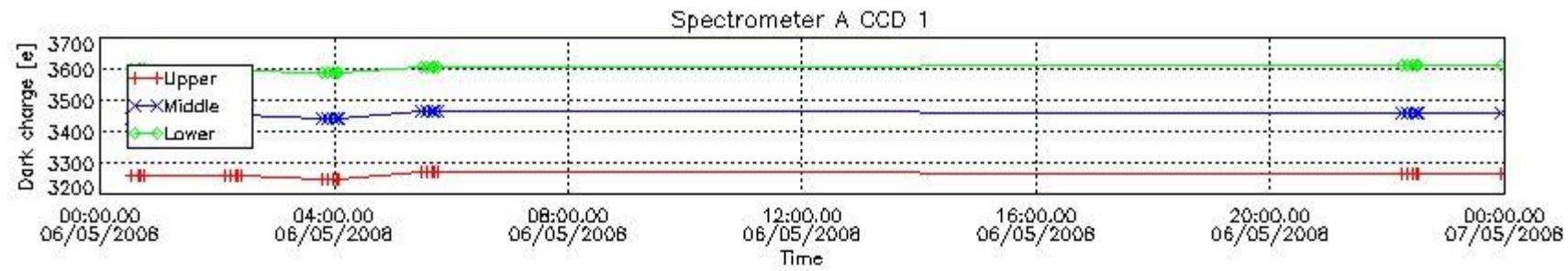
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20080506_205958_000000372068_00215_32333_0813.N1	DC map used
GOM_TRA_1PNPDE20080506_210153_000000382068_00215_32333_0814.N1	DC map used
GOM_TRA_1PNPDE20080506_210522_000000392068_00215_32333_0815.N1	DC map used
GOM_TRA_1PNPDE20080506_210654_000000412068_00215_32333_0816.N1	DC map used
GOM_TRA_1PNPDE20080506_210854_000000452068_00215_32333_0817.N1	DC map used
GOM_TRA_1PNPDE20080506_211306_000000372068_00215_32333_0818.N1	DC map used
GOM_TRA_1PNPDE20080506_211622_000000382068_00215_32333_0819.N1	DC map used
GOM_TRA_1PNPDE20080506_211931_000000362068_00215_32333_0820.N1	DC map used
GOM_TRA_1PNPDE20080506_212243_000000352068_00215_32333_0821.N1	DC map used
GOM_TRA_1PNPDE20080506_212441_000000362068_00215_32333_0822.N1	DC map used
GOM_TRA_1PNPDE20080506_213021_000000342068_00215_32333_0823.N1	DC map used
GOM_TRA_1PNPDE20080506_213333_000000352068_00215_32333_0824.N1	DC map used
GOM_TRA_1PNPDE20080506_213500_000000332068_00215_32333_0825.N1	DC map used
GOM_TRA_1PNPDE20080506_213757_000000382068_00215_32333_0826.N1	DC map used
GOM_TRA_1PNPDE20080506_214100_000000392068_00215_32333_0827.N1	DC map used
GOM_TRA_1PNPDE20080506_214503_000000362068_00215_32333_0828.N1	DC map used
GOM_TRA_1PNPDE20080506_215310_000000522068_00215_32333_0829.N1	DC map used
GOM_TRA_1PNPDE20080506_215426_000000522068_00215_32333_0830.N1	DC map used
GOM_TRA_1PNPDE20080506_220232_000000402068_00215_32333_0831.N1	DC map used

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





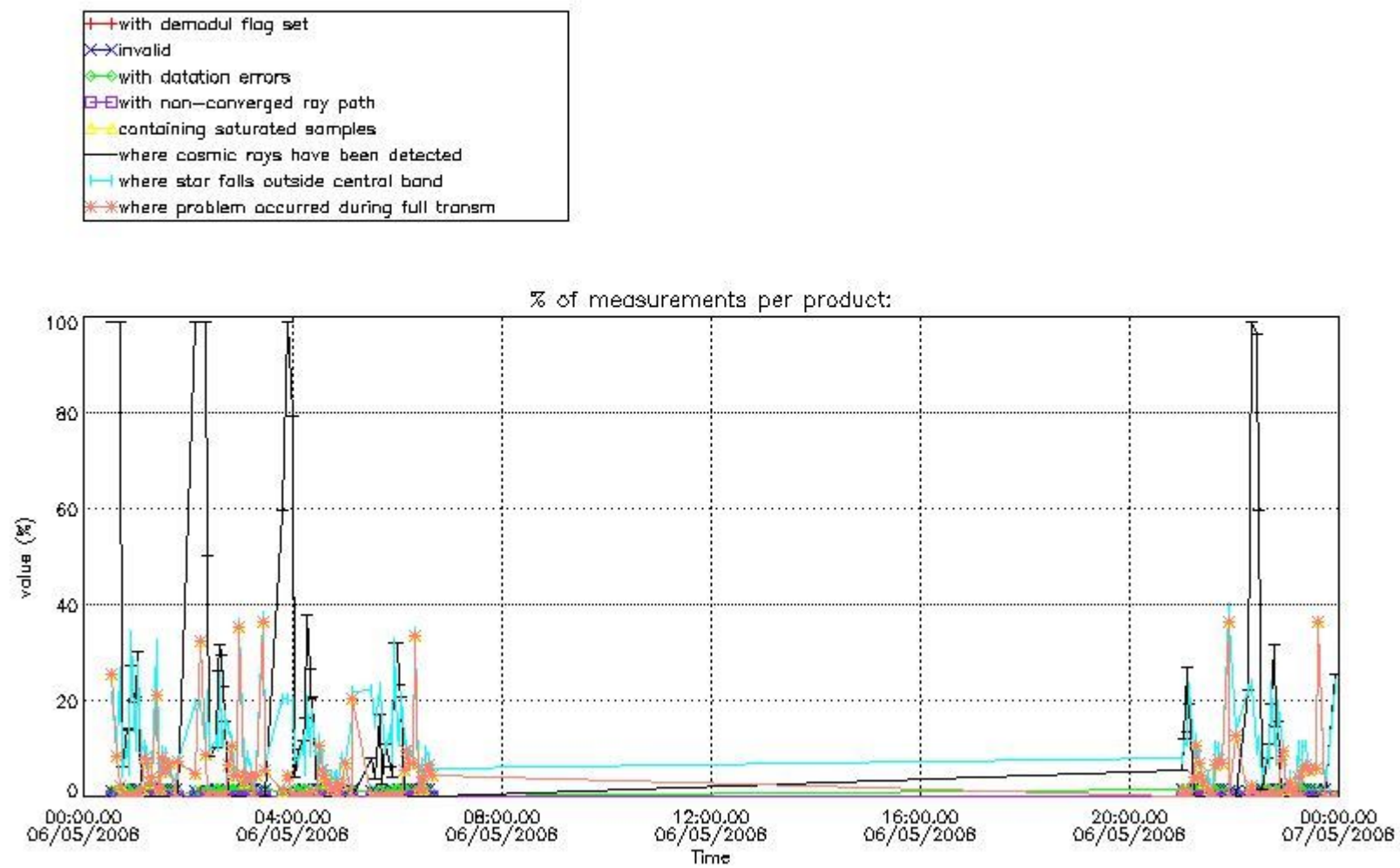
## 5. Demodulation flag and quality information monitoring

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:

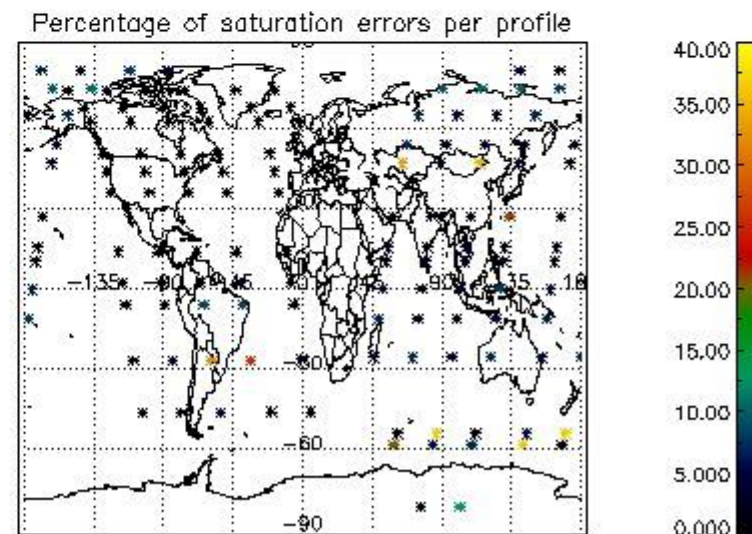
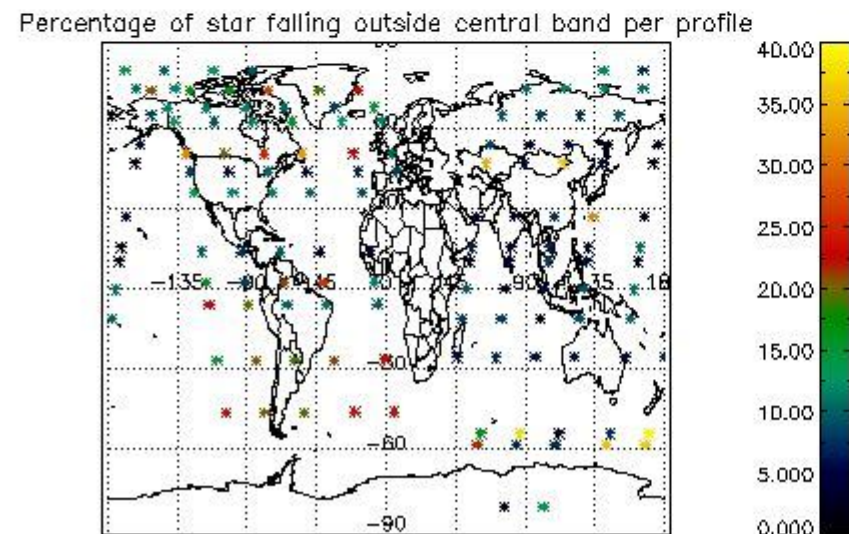
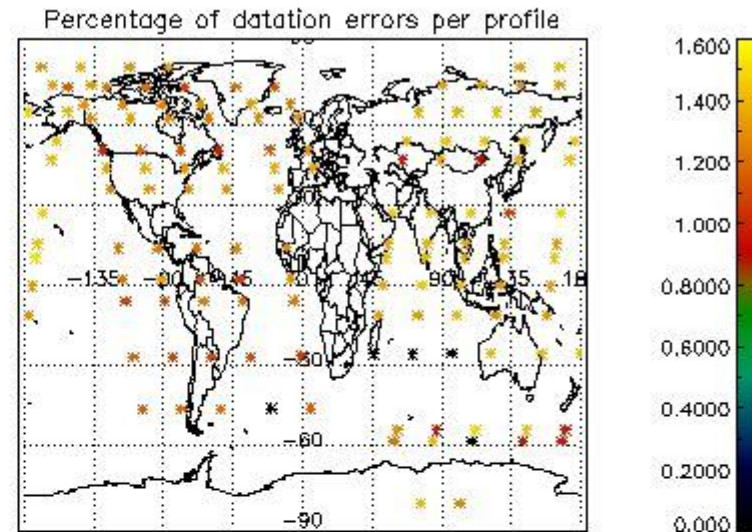
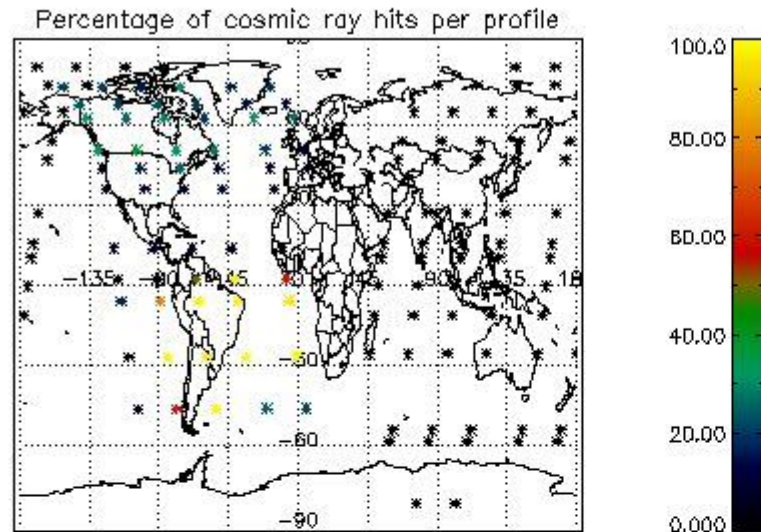
At least one measurement with demodulation flag set:	17.3913 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)





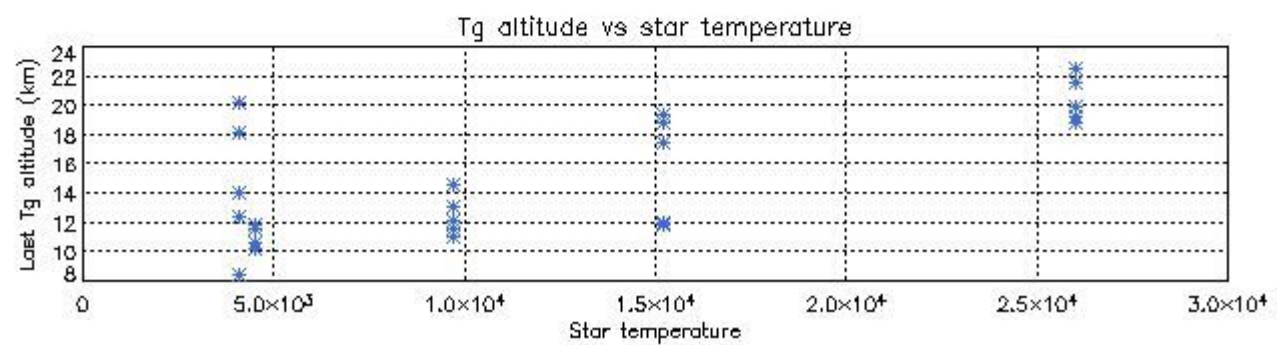
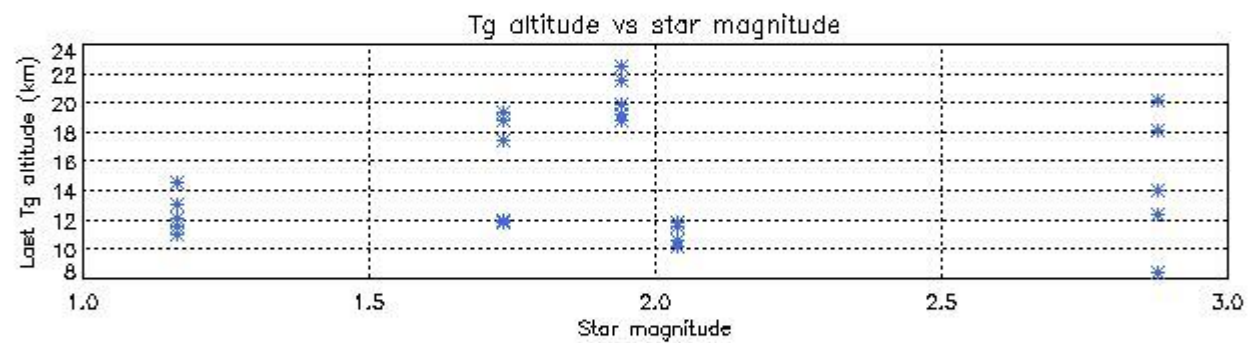
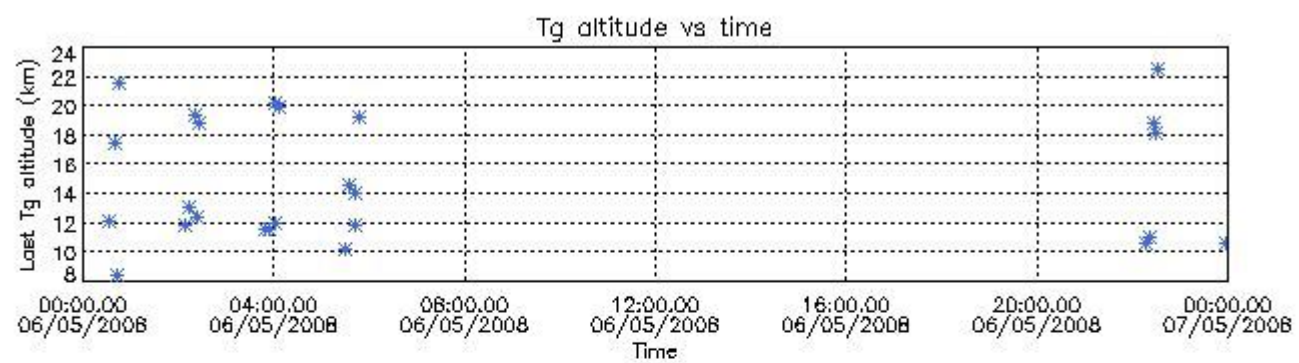
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.852	19.237	NaN
St. deviation:	4.1972	5.3957	NaN
Maximum:	22.445	27.714	NaN
Minimum:	8.3999	3.5607	NaN
Number of data:	25.000	78.000	NaN

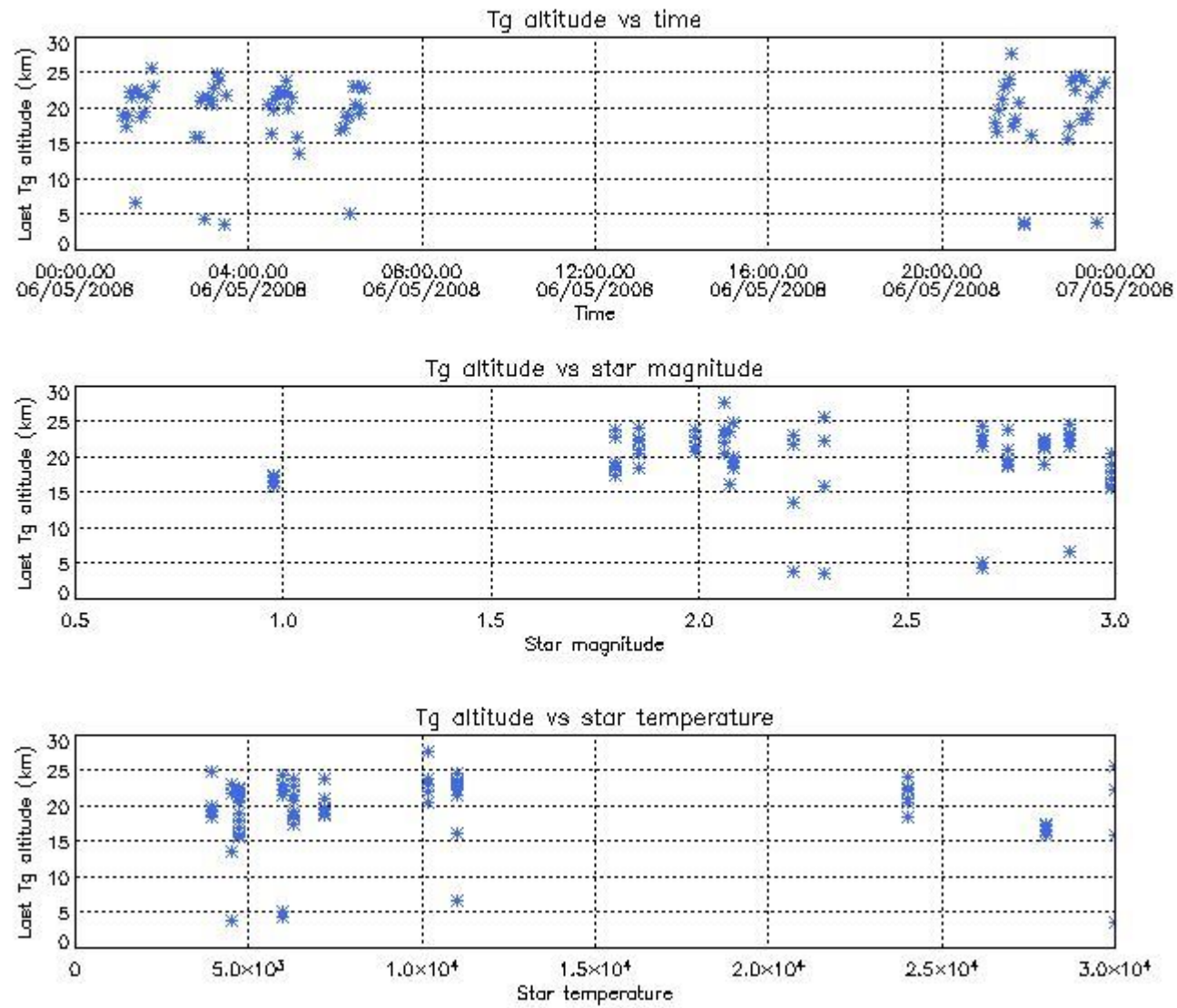
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



### 6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



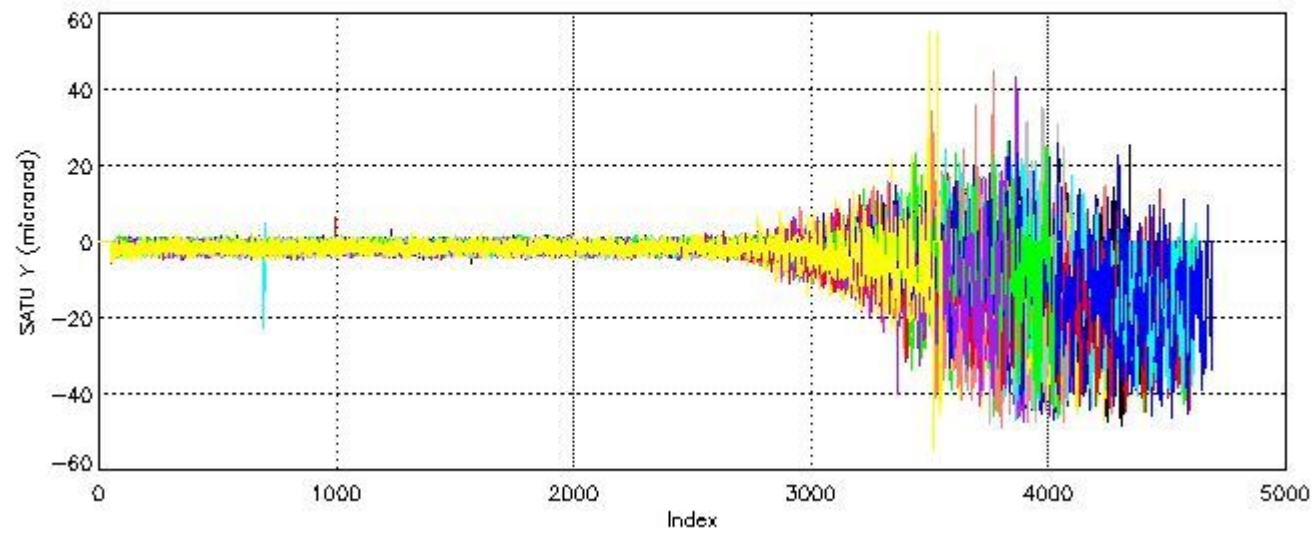
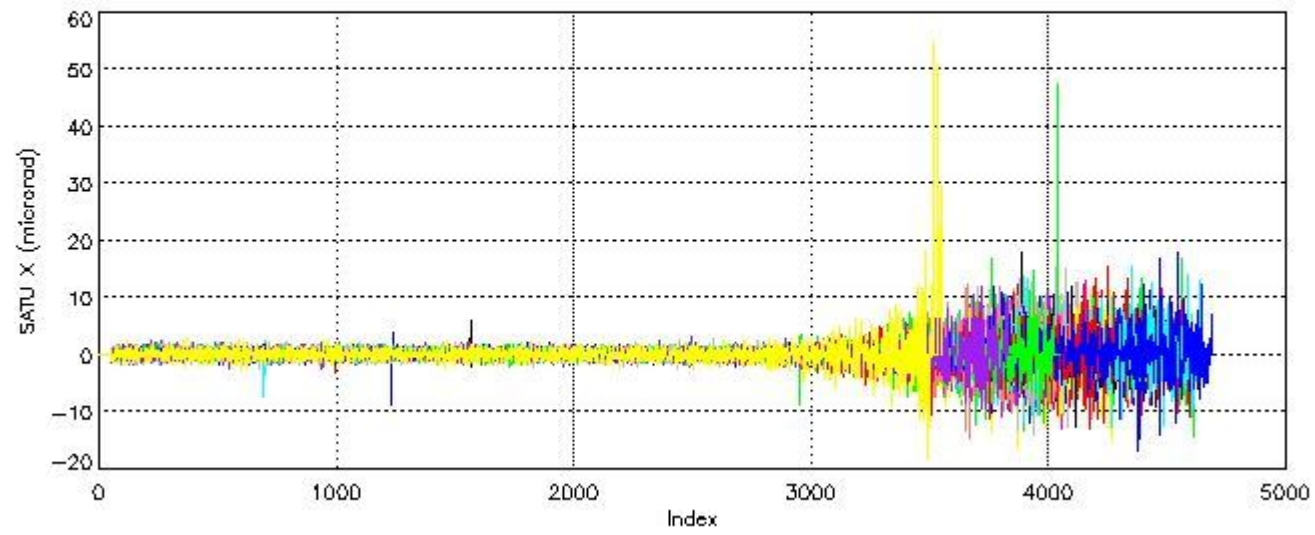
## 7. Star Acquisition and Tracking Unit (SATU)

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

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

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





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

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

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

### 7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.090240	-1.3743	0.027398	-1.3852
St. deviation:	0.45834	0.94593	0.74617	1.2058
Maximum:	2.6000	4.6000	5.3000	5.7000
Minimum:	-7.3000	-22.600	-6.3000	-10.200

Number of data:	22550.	22550.	64050.	64050.
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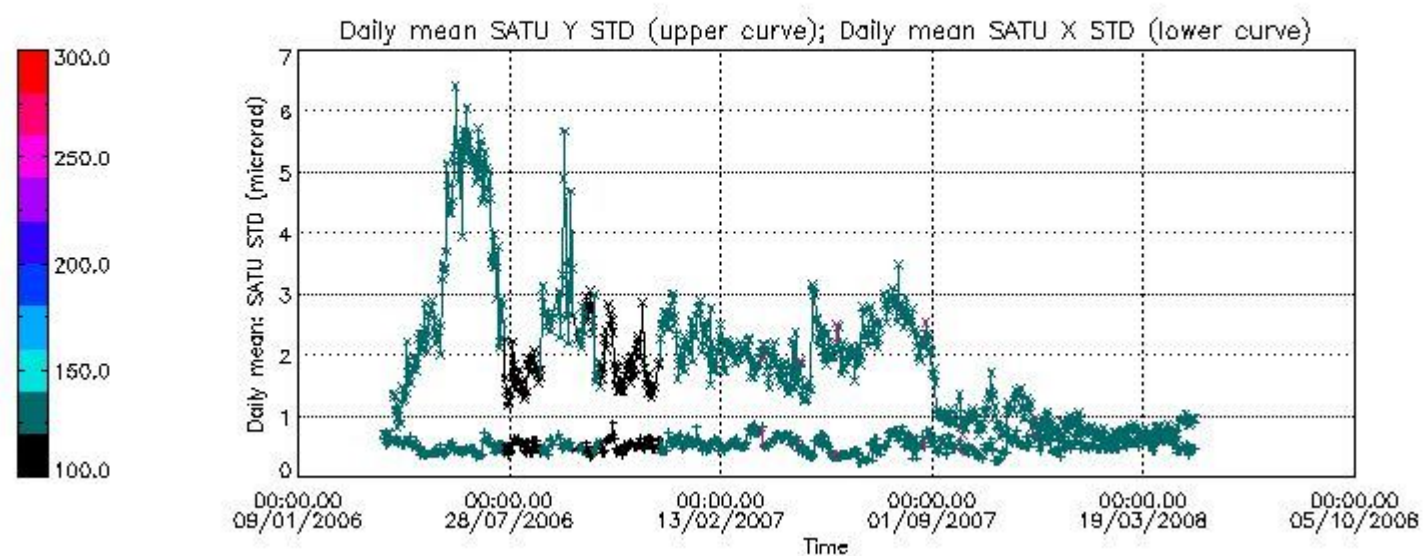
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

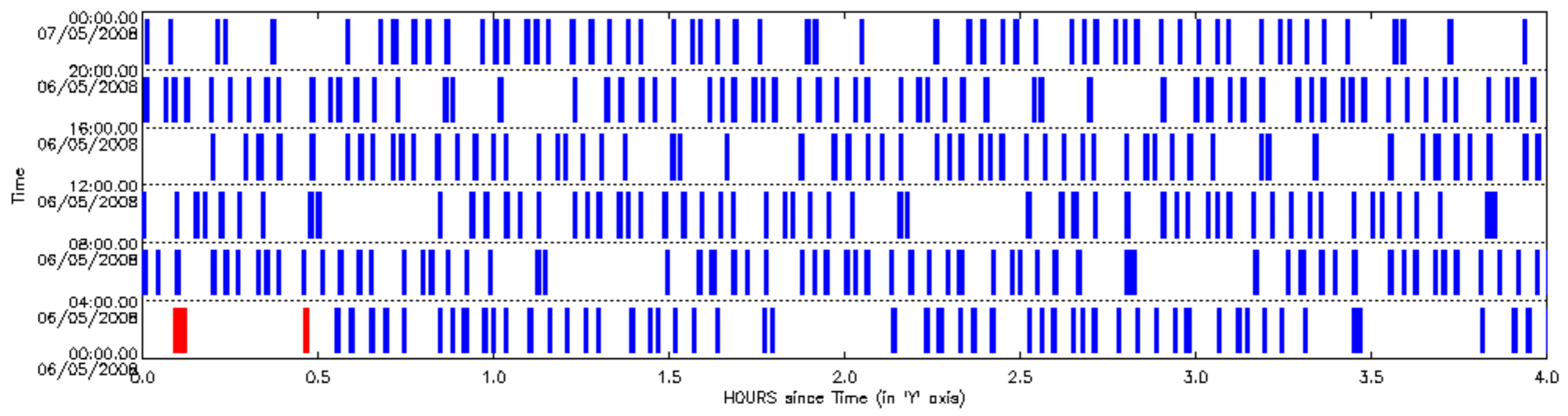
Lower curve: STD of SATU X axis



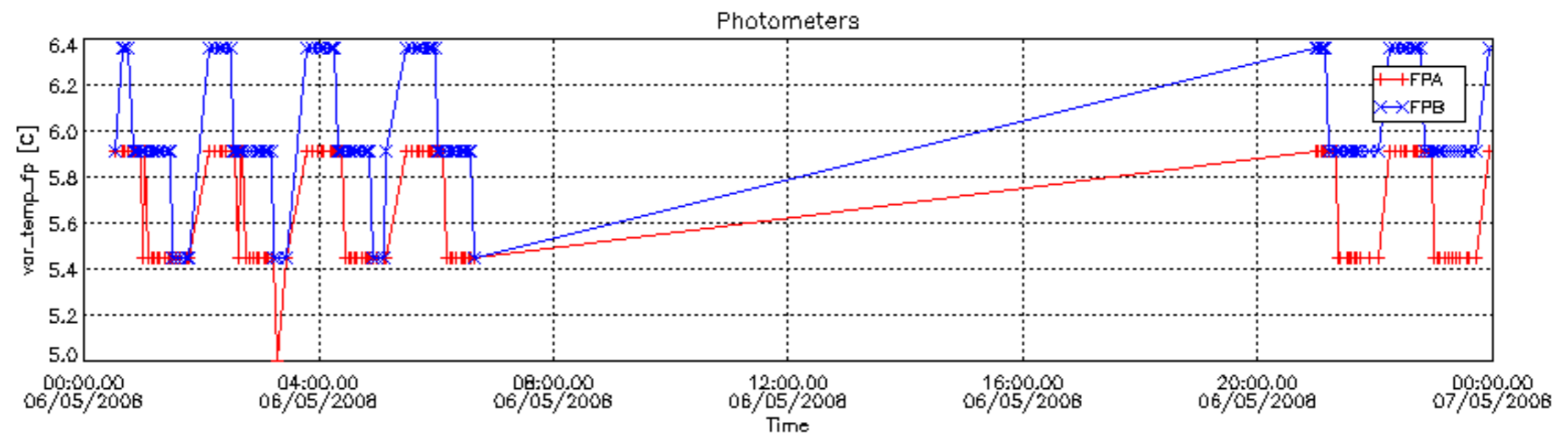
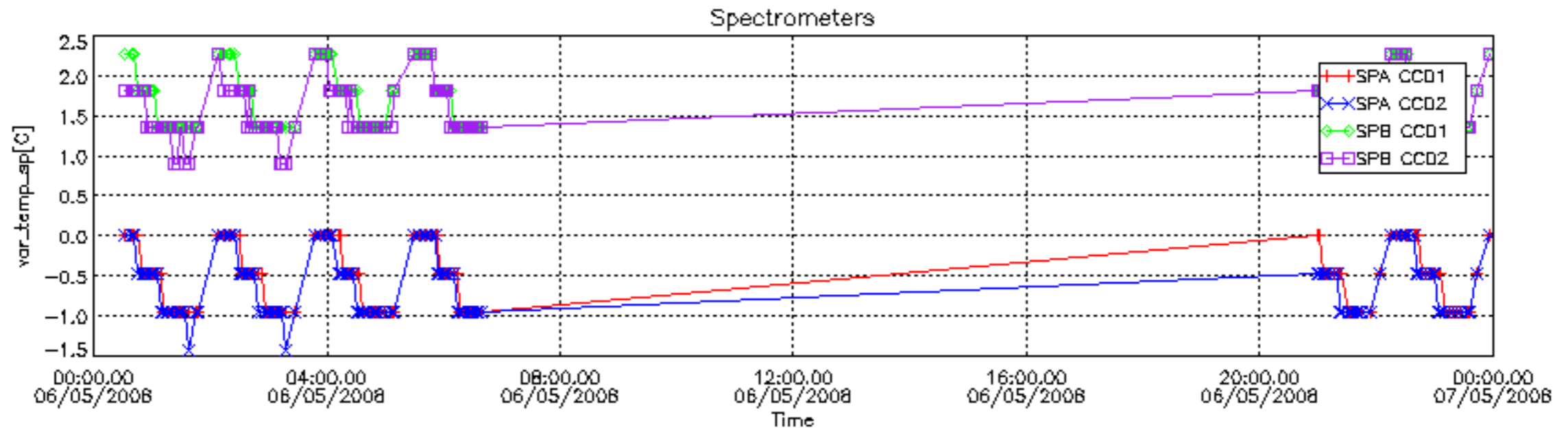
### 8. Auxiliary Data Files used for the production reported in section 2.4

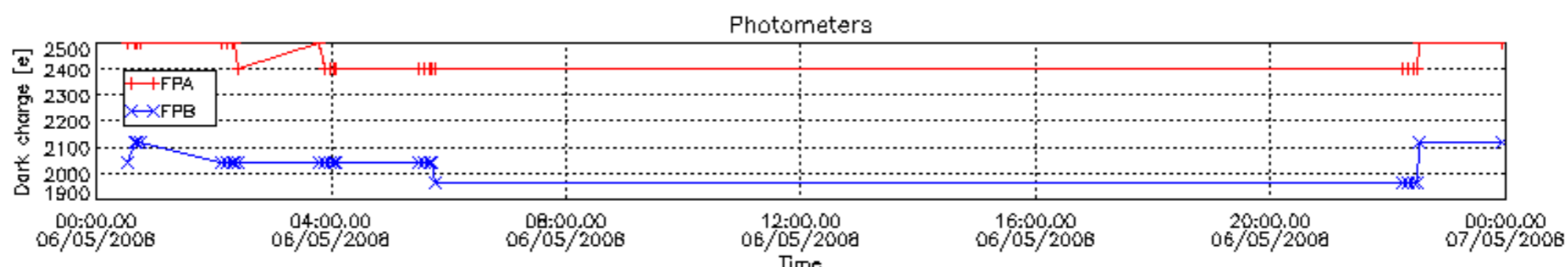
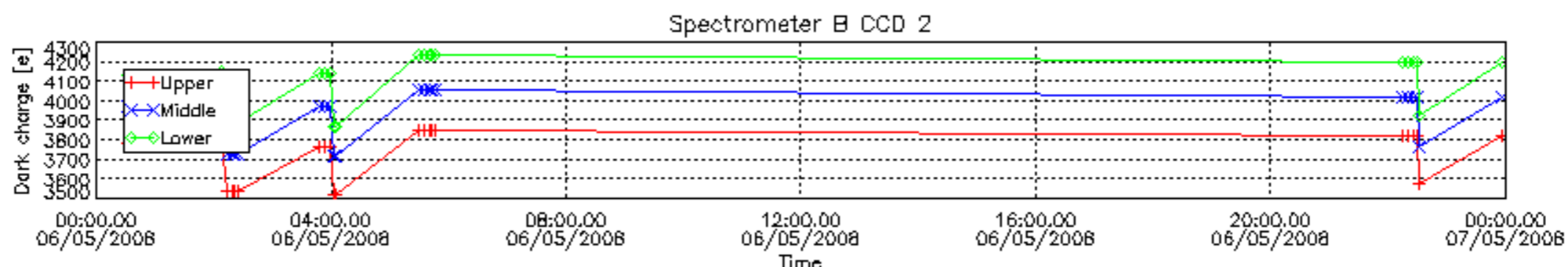
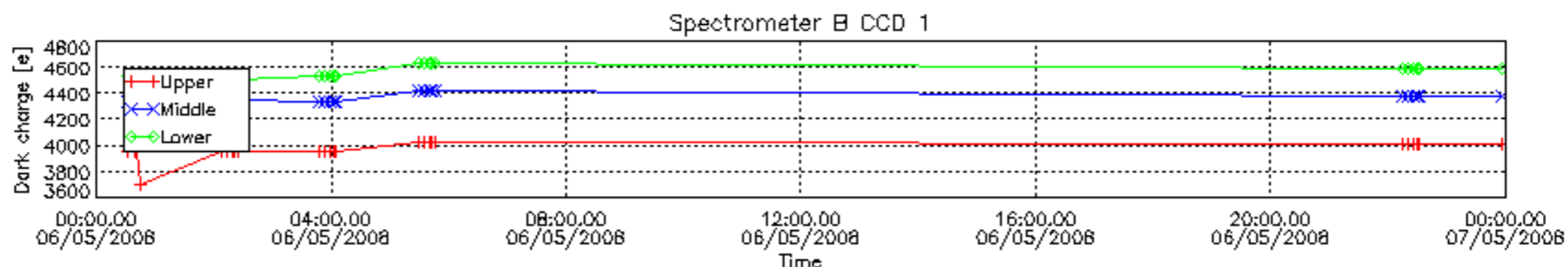
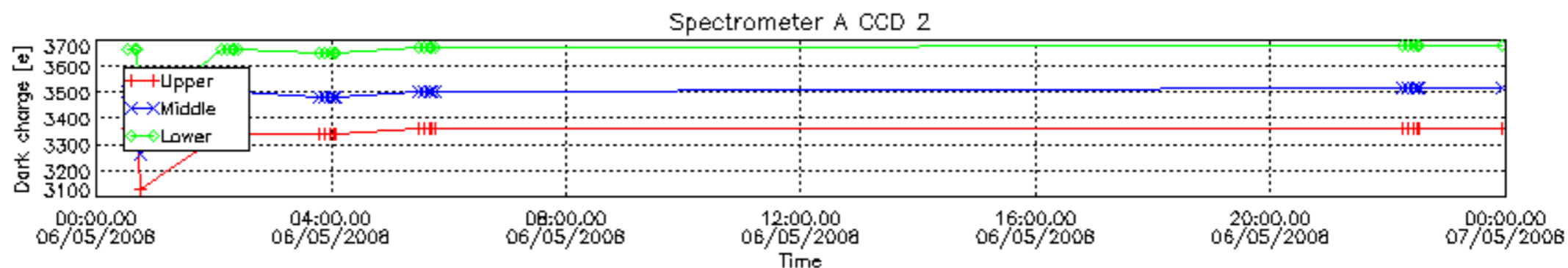
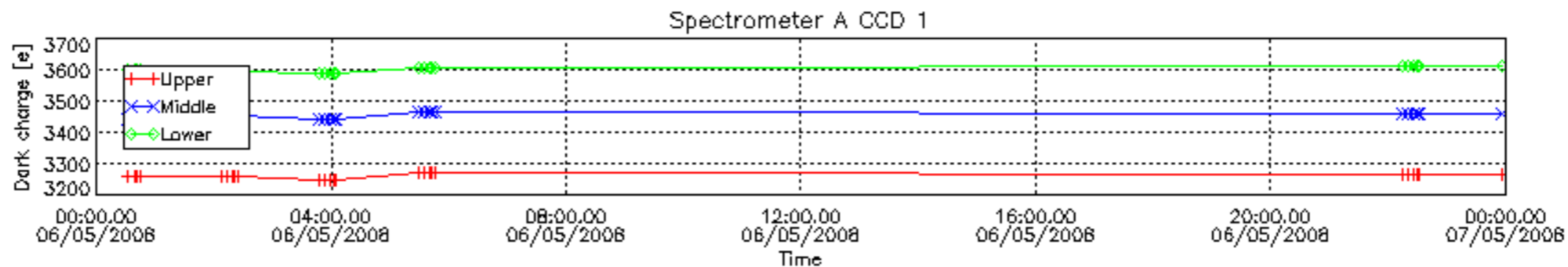
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

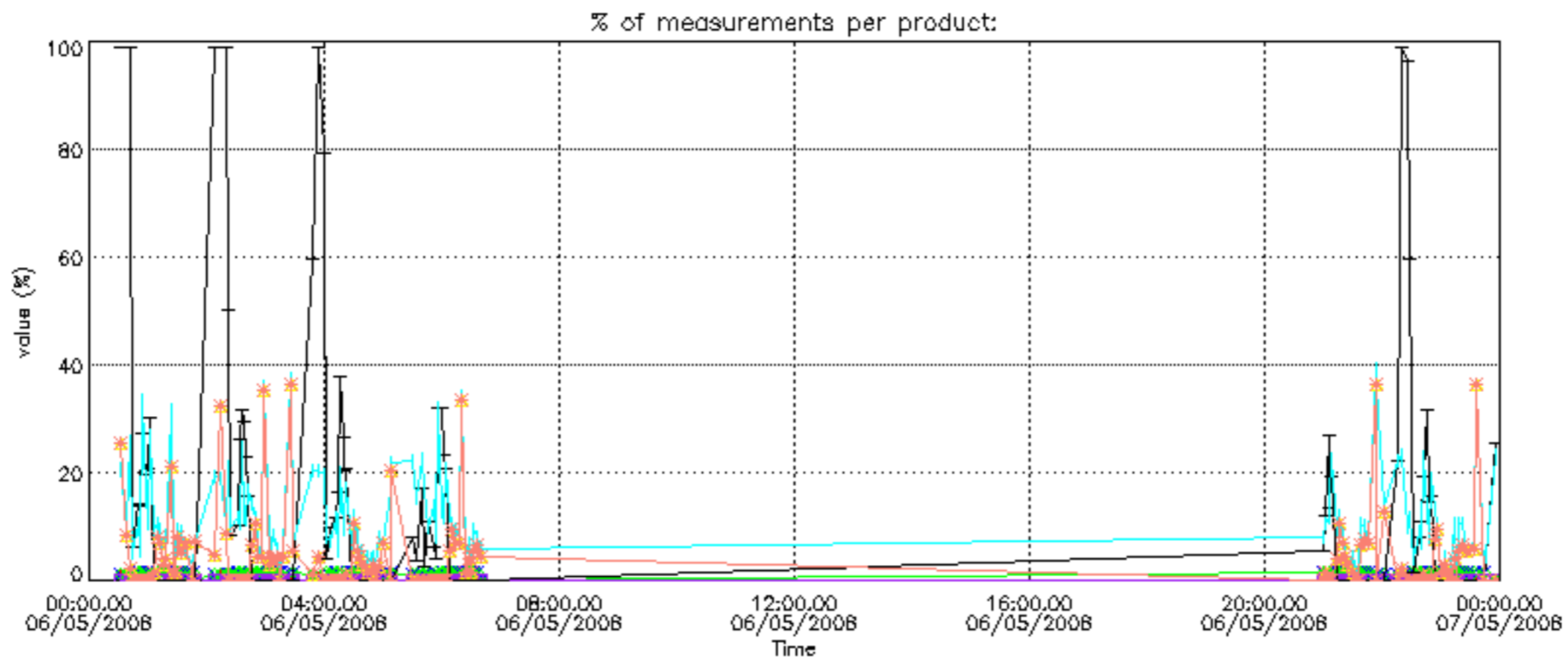
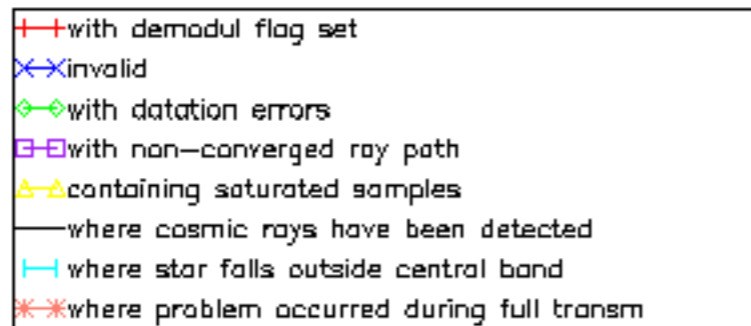
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	06-MAY-2008 00:32:54
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20080502_144908_20080430_000000_20100101_000000	1	06-MAY-2008 00:32:54
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	06-MAY-2008 00:32:54
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	06-MAY-2008 00:32:54
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	06-MAY-2008 00:32:54
ECMWF_FILE	AUX_ECF_AXNECM20080505_072112_20080505_210000_20080506_090000	1	06-MAY-2008 00:32:54
ECMWF_FILE	AUX_ECF_AXNECM20080505_185534_20080506_030000_20080506_150000	46	06-MAY-2008 03:26:34
ECMWF_FILE	AUX_ECF_AXNECM20080506_072112_20080506_150000_20080507_030000	94	06-MAY-2008 20:59:58
ECMWF_FILE	AUX_ECF_AXNECM20080506_072112_20080506_210000_20080507_090000	113	06-MAY-2008 22:15:15
OPTIONAL_ECMWF_FILE	MISSING	1	06-MAY-2008 00:32:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080505_224316_000035072068_00201_32319_5472.N1	1	06-MAY-2008 00:32:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080506_002413_000054192068_00202_32320_5473.N1	24	06-MAY-2008 02:08:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080506_015952_000044632068_00203_32321_5474.N1	46	06-MAY-2008 03:26:34
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080506_031934_000057382068_00204_32322_5475.N1	70	06-MAY-2008 05:07:10
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080506_205653_000041442068_00215_32333_5477.N1	94	06-MAY-2008 20:59:58





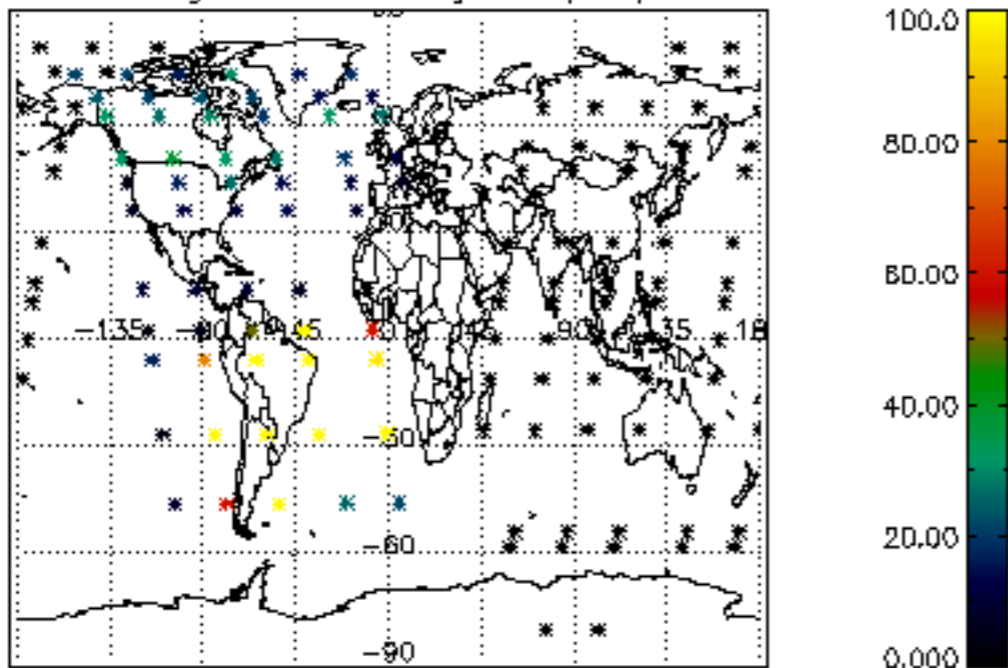




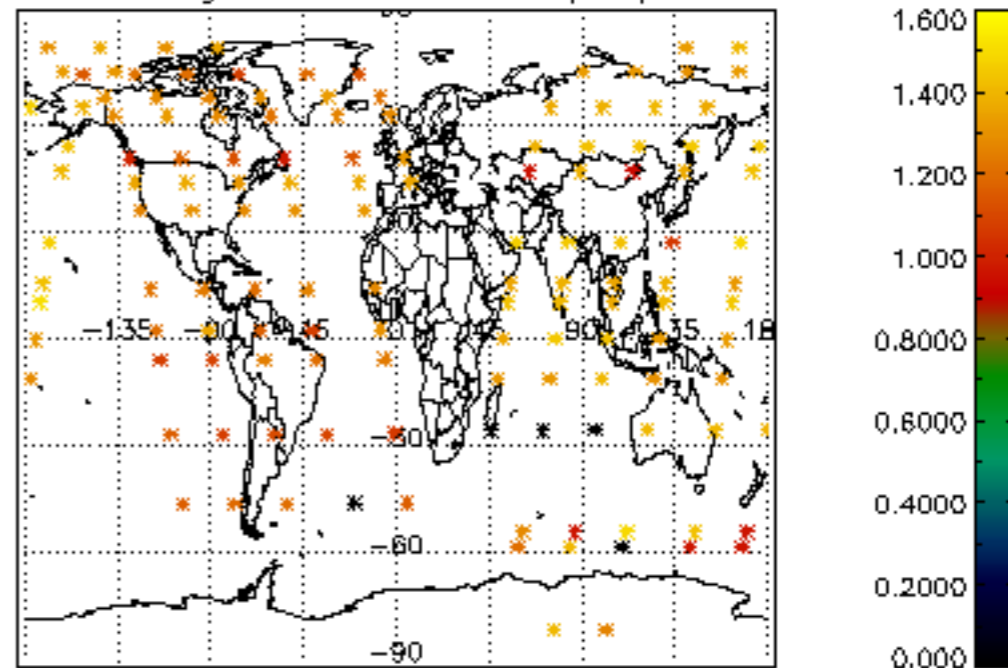




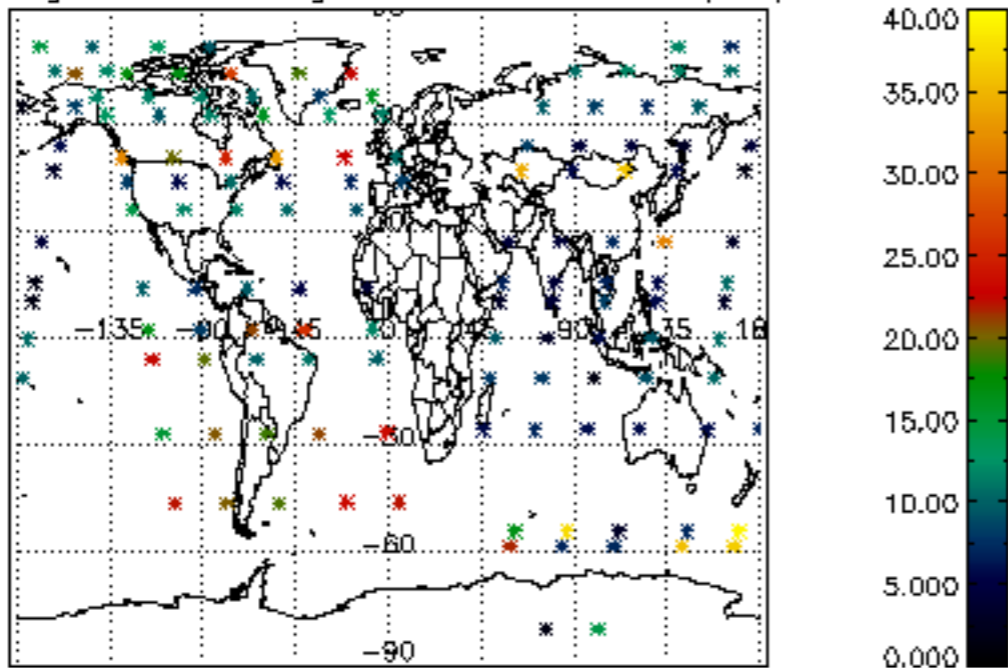
Percentage of cosmic ray hits per profile



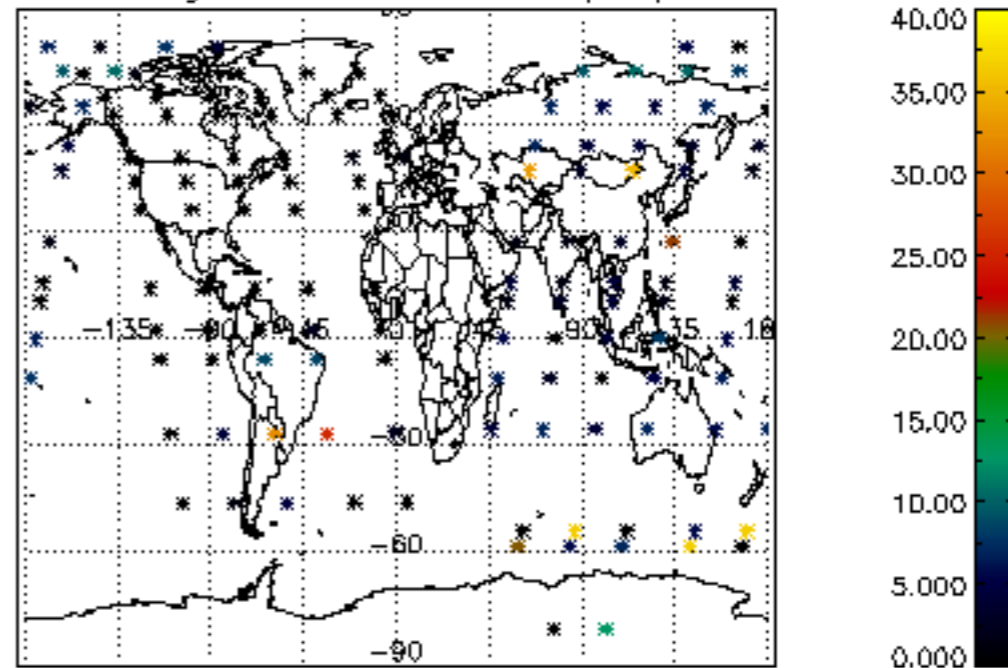
Percentage of datation errors per profile



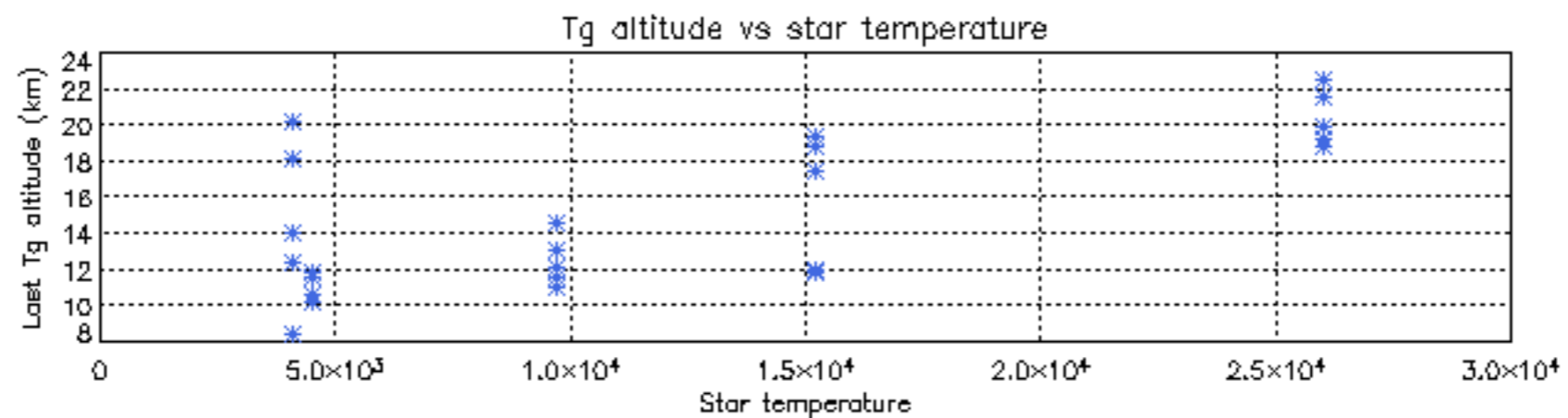
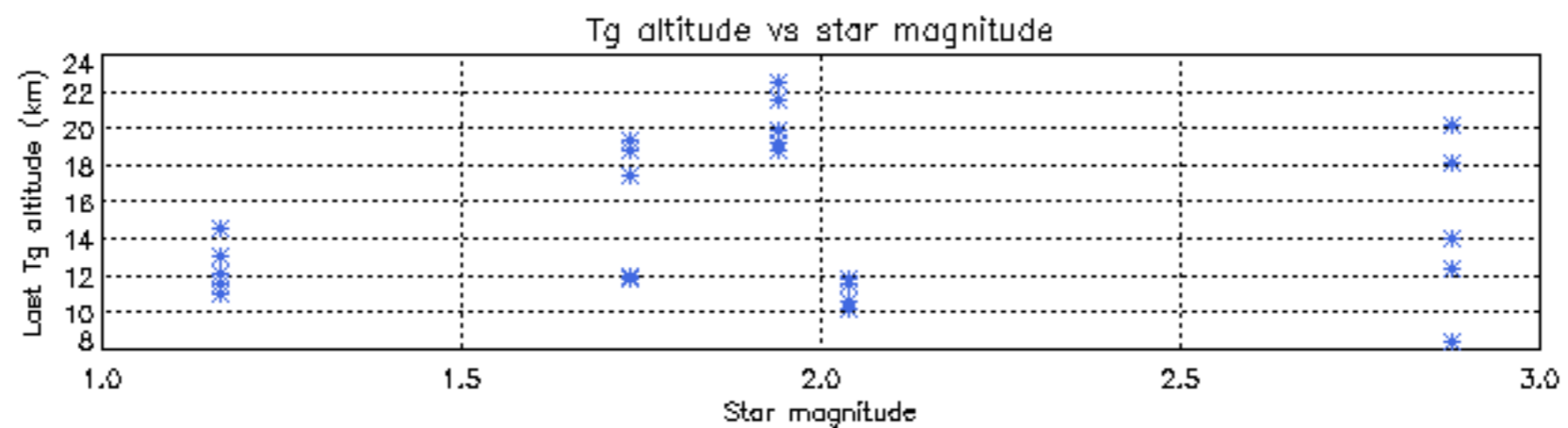
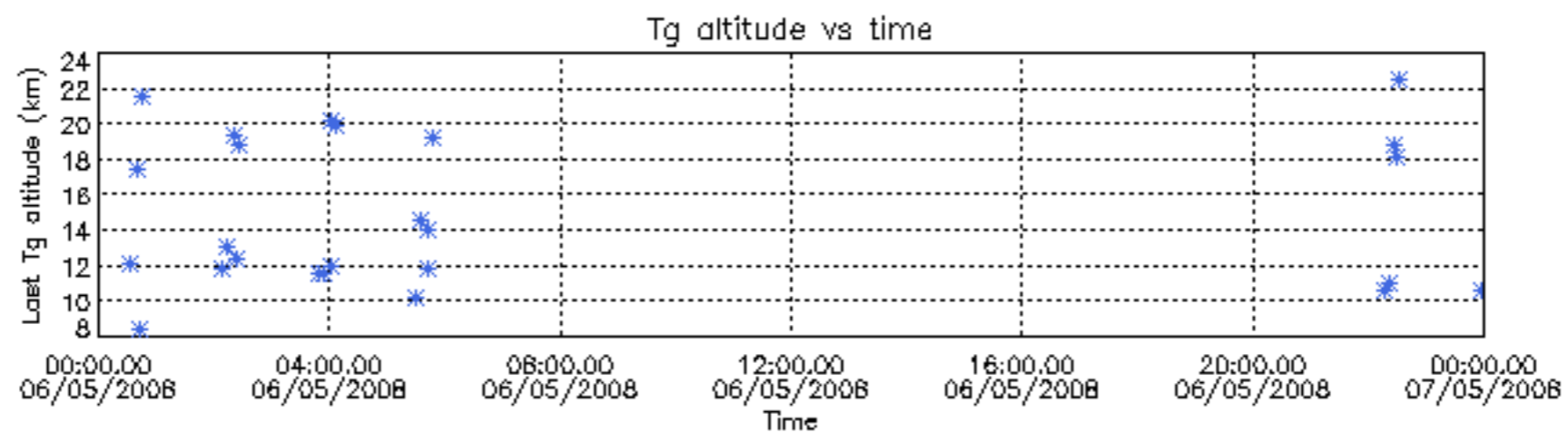
Percentage of star falling outside central band per profile



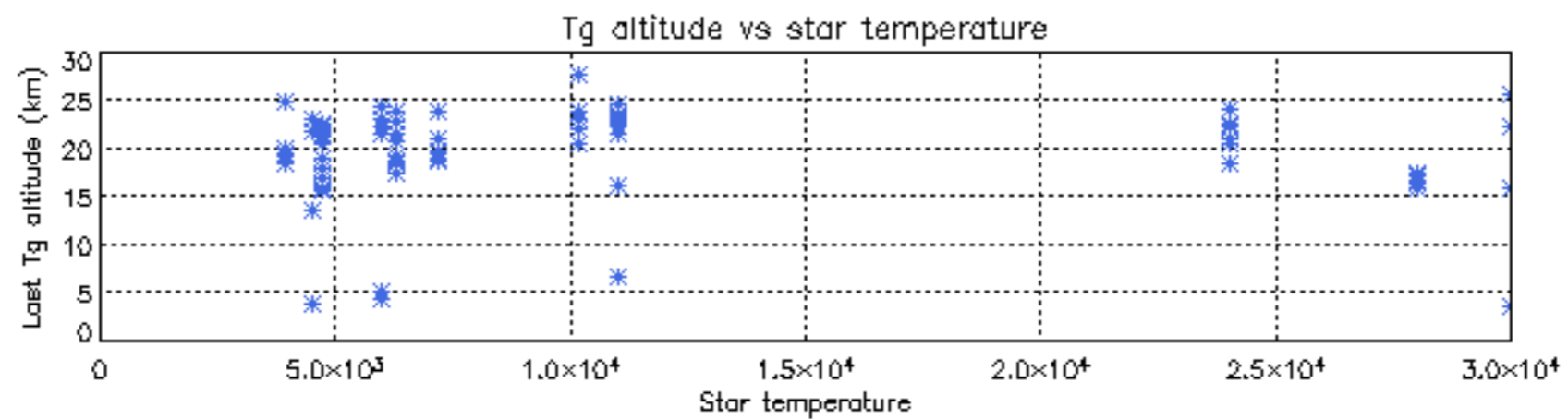
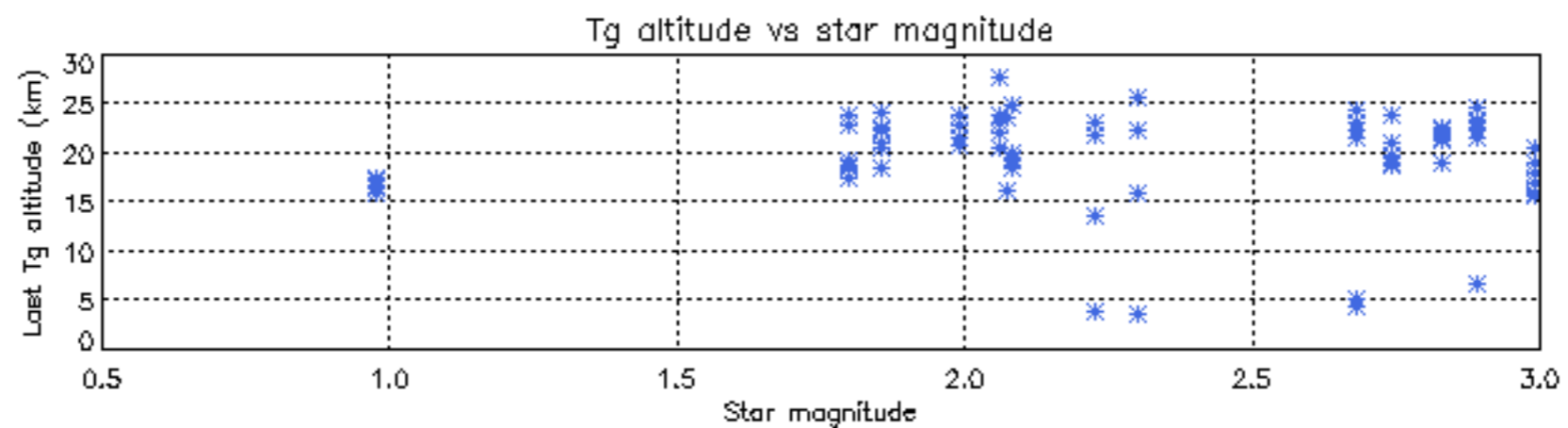
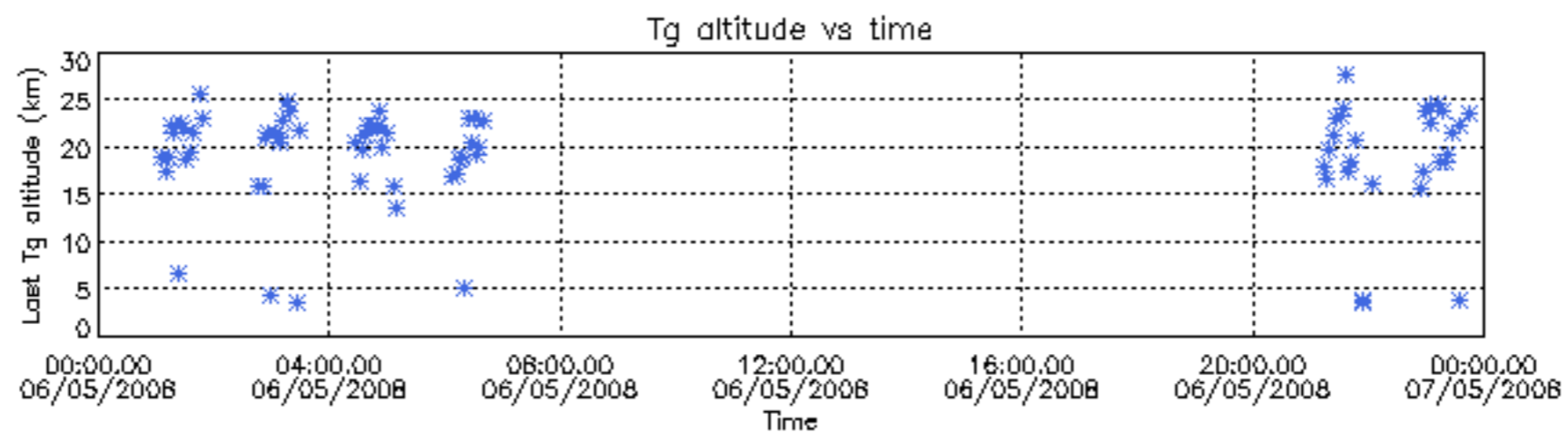
Percentage of saturation errors per profile

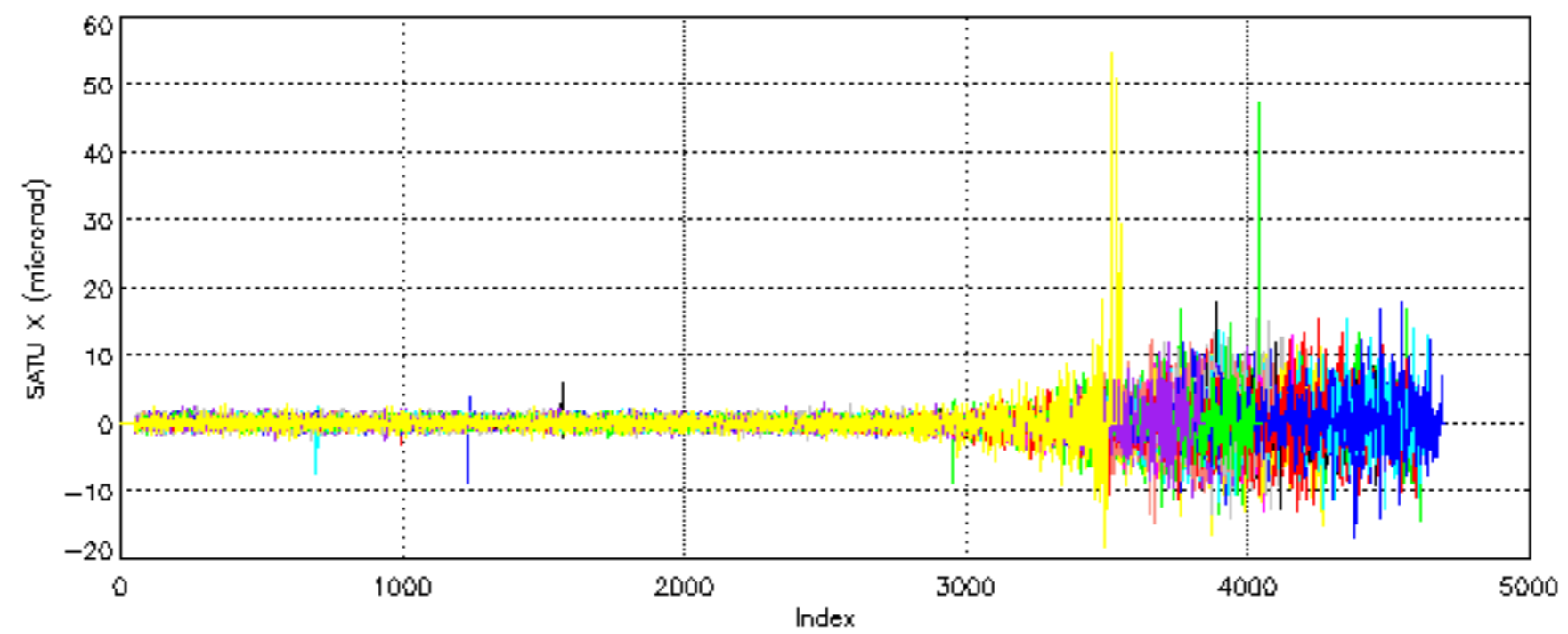


Tangent altitude at which the star is lost

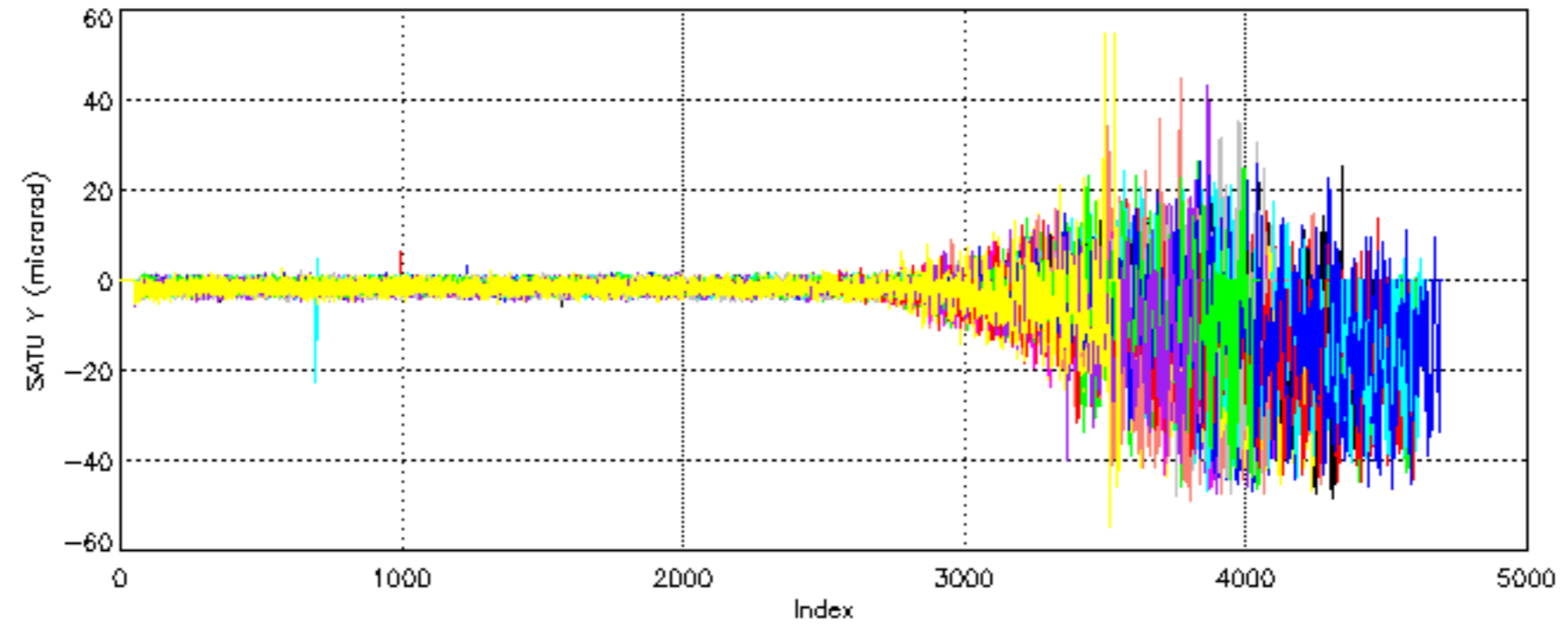


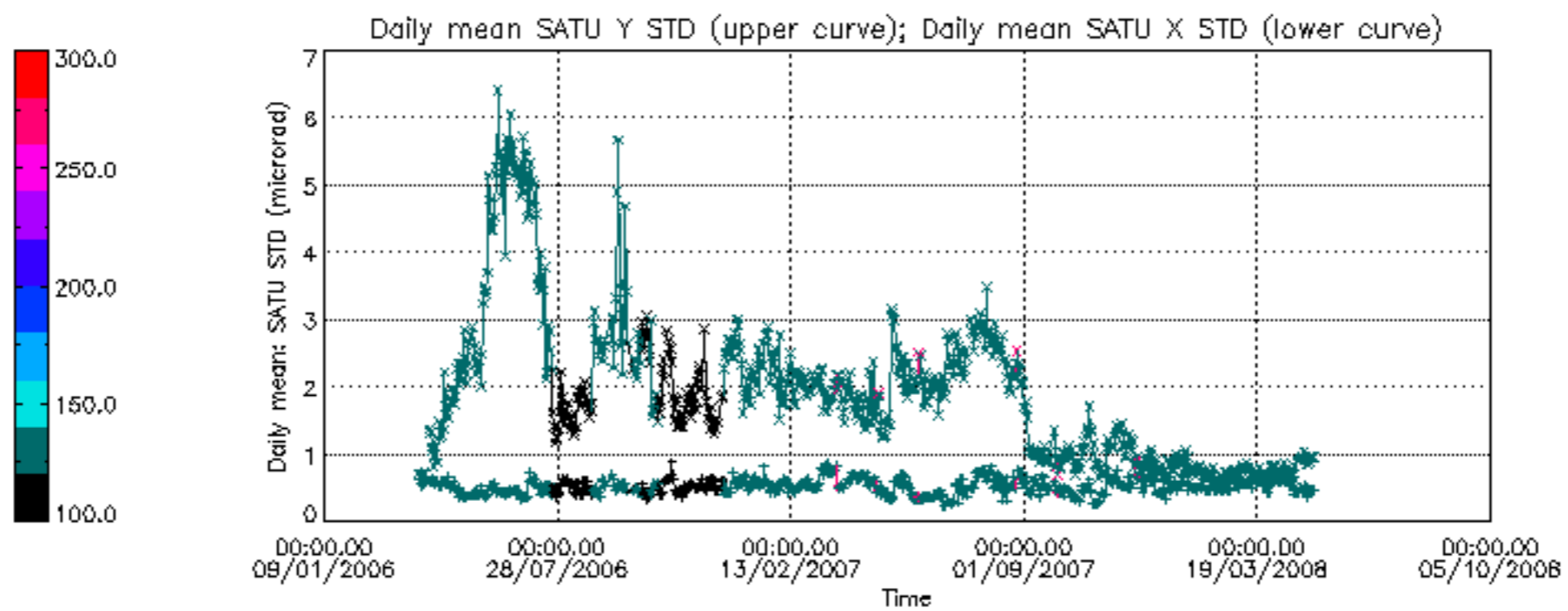
Tangent altitude at which the star is lost











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 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  
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 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  
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17; 2221.6; 08-MAY-2008 23:42:37; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32363
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 5; 2566.9; 09-MAY-2008 14:53:46; Bright; 33.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 67; 0;32372  
 6; 2750.2; 09-MAY-2008 14:56:49; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;32372  
 7; 2840.6; 09-MAY-2008 14:58:20; Bright; 34.5; 55; 79Zet UMa ; 2.06; 10200;occ; 69; 0;32372  
 8; 3031.3; 09-MAY-2008 15:01:30; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;32372  
 9; 3195.8; 09-MAY-2008 15:04:15; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32372  
 10; 3445.9; 09-MAY-2008 15:08:25; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32372  
 11; 3935.0; 09-MAY-2008 15:16:34; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32372  
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 21; 6303.1; 09-MAY-2008 15:56:02; Dark ; 39.5; 45; Alp Pav ; 1.94; 26000;occ; 79; 0;32372  
 22; 6657.2; 09-MAY-2008 16:01:56; Dark ; 40.5; 43; Alp TrA ; 1.91; 4250;occ; 81; 0;32372  
 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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 3; 1605.3; 09-MAY-2008 16:18:20; Bright; 40.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 80; 0;32373  
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 5; 2111.3; 09-MAY-2008 16:26:46; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32373  
 6; 2221.5; 09-MAY-2008 16:28:37; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32373  
 7; 2566.9; 09-MAY-2008 16:34:22; Bright; 34.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 68; 0;32373  
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 10; 3031.5; 09-MAY-2008 16:42:07; Bright; 37.5; 36; 50Alp UMa ; 1.80; 6300;occ; 75; 0;32373  
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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  
 13; 3935.0; 09-MAY-2008 16:57:10; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32373  
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 17; 5265.2; 09-MAY-2008 17:19:20; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 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  
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 25; 6789.3; 09-MAY-2008 17:44:44; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32373  
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 2; 1166.0; 09-MAY-2008 17:51:37; Dark ; 38.0; 81; Eta Cen ; 2.36; 28000;occ; 76; 0;32374



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6; 2111.4; 09-MAY-2008 18:07:23; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32374
7; 2221.4; 09-MAY-2008 18:09:13; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32374
8; 2567.0; 09-MAY-2008 18:14:58; Bright; 35.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 70; 0;32374
9; 2749.9; 09-MAY-2008 18:18:01; Bright; 35.5; 39; 85Eta UMA ; 1.85; 24000;occ; 71; 0;32374
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18; 5265.4; 09-MAY-2008 18:59:57; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32374
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23; 6097.3; 09-MAY-2008 19:13:48; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32374
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19; 5618.4; 09-MAY-2008 20:46:26; Dark ; 46.5; 18; 24Alp PsA ; 1.17; 9700;occ; 93; 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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25; 6657.9; 09-MAY-2008 21:03:45; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32375
26; 6789.7; 09-MAY-2008 21:05:57; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32375
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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6; 62.5; 10-MAY-2008 00:15:37; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32378
7; 270.5; 10-MAY-2008 00:19:05; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32378
8; 622.6; 10-MAY-2008 00:24:57; Dark ; 46.5; 43; Alp TrA ; 1.91; 4250;occ; 93; 0;32378
9; 754.3; 10-MAY-2008 00:27:09; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32378
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12; 1166.8; 10-MAY-2008 00:34:02; Dark ; 40.0; 81; Eta Cen ; 2.36; 28000;occ; 80; 0;32378
13; 1285.3; 10-MAY-2008 00:36:00; Dark ; 44.5; 54; 5The Cen ; 2.06; 4500;occ; 89; 0;32378

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16; 2112.1; 10-MAY-2008 00:49:47; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32378
17; 2221.2; 10-MAY-2008 00:51:36; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32378
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19; 2749.4; 10-MAY-2008 01:00:24; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32378
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22; 3194.6; 10-MAY-2008 01:07:49; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32378
23; 3445.7; 10-MAY-2008 01:12:01; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32378
24; 3935.1; 10-MAY-2008 01:20:10; Bright; 52.0; 76; 27Gam Cas ; 2.30; 30000;occ; 104; 0;32378
25; 4009.7; 10-MAY-2008 01:21:25; Bright; 33.0; 68; 18Alp Cas ; 2.22; 4500;occ; 66; 0;32378
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27; 4742.0; 10-MAY-2008 01:33:37; Dark ; 38.5; 140; 88Gam Peg ; 2.83; 26000;occ; 77; 0;32378
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3; 623.4; 10-MAY-2008 03:46:10; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;32380
4; 755.1; 10-MAY-2008 03:48:22; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32380
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 20; 6814.5; 15-MAY-2008 16:16:04; Dark ; 38.5; 134; Bet TrA ; 2.81; 6600;occ; 77; 0;32458  
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7; 649.4; 16-MAY-2008 02:17:30; Dark ; 38.0; 43; Alp TrA ; 1.91; 4250;occ; 76; 0;32465
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 5; 108.4; 16-MAY-2008 22:15:41; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32477  
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 15; 2224.0; 17-MAY-2008 00:31:32; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 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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 7; 104.1; 16-MAY-2008 07:10:13; Dark ; 46.0; 148; Alp Tuc ; 2.88; 4100;occ; 92; 0;32468  
 8; 333.5; 16-MAY-2008 07:14:02; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32468  
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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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 3; 2223.5; 16-MAY-2008 07:45:32; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32468
 4; 2569.7; 16-MAY-2008 07:51:18; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32468
 5; 2745.5; 16-MAY-2008 07:54:14; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32468
 6; 2842.5; 16-MAY-2008 07:55:51; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32468
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 8; 3446.2; 16-MAY-2008 08:05:55; Bright; 32.0; 49; 1Alp UMi ; 1.99; 6300;occ; 64; 0;32468
 9; 3938.1; 16-MAY-2008 08:14:07; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32468
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13; 5699.7; 16-MAY-2008 08:43:28; Dark ; 41.5; 84; Alp Phe ; 2.40; 4500;occ; 83; 0;32468
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15; 6140.5; 16-MAY-2008 08:50:49; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32468
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17; 6686.7; 16-MAY-2008 08:59:56; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32468
18; 6817.2; 16-MAY-2008 09:02:06; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32468
19; 6918.0; 16-MAY-2008 09:03:47; Dark ; 50.0; 4; Alp1Cen ;-0.01; 5800;occ; 100; 0;32468
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22; 7338.5; 16-MAY-2008 09:10:47; Dark ; 41.0; 54; 5The Cen ; 2.06; 4500;occ; 82; 0;32468
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10; 4011.7; 16-MAY-2008 09:55:56; Bright; 41.0; 68; 18Alp Cas ; 2.22; 4500;occ; 82; 0;32469
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16; 6370.8; 16-MAY-2008 10:35:15; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32469
17; 6687.1; 16-MAY-2008 10:40:32; Dark ; 38.5; 43; Alp TrA ; 1.91; 4250;occ; 77; 0;32469
18; 6817.3; 16-MAY-2008 10:42:42; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32469
19; 6918.2; 16-MAY-2008 10:44:23; Dark ; 40.5; 4; Alp1Cen ;-0.01; 5800;occ; 81; 0;32469
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 16; 6142.0; 16-MAY-2008 13:52:38; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32471  
 17; 6372.2; 16-MAY-2008 13:56:29; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32471  
 18; 6687.7; 16-MAY-2008 14:01:44; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32471  
 19; 6818.0; 16-MAY-2008 14:03:54; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32471  
 20; 6918.5; 16-MAY-2008 14:05:35; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;32471  
 21; 7133.6; 16-MAY-2008 14:09:10; Dark ; 36.0; 78; Alp Lup ; 2.30; 28000;occ; 72; 0;32471  
 22; 7224.0; 16-MAY-2008 14:10:40; Dark ; 37.0; 81; Eta Cen ; 2.36; 28000;occ; 74; 0;32471  
 23; 7339.0; 16-MAY-2008 14:12:35; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32471

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 7; 2842.7; 16-MAY-2008 14:38:15; Bright; 33.5; 55; 79Zet UMa ; 2.06; 10200;occ; 67; 0;32472  
 8; 3181.9; 16-MAY-2008 14:43:54; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32472  
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 11; 4011.7; 16-MAY-2008 14:57:44; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;32472  
 12; 5292.7; 16-MAY-2008 15:19:05; Dark ; 40.5; 52; 16Bet Cet ; 2.04; 4500;occ; 81; 0;32472  
 13; 5579.5; 16-MAY-2008 15:23:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32472  
 14; 5701.1; 16-MAY-2008 15:25:53; Dark ; 42.5; 84; Alp Phe ; 2.40; 4500;occ; 85; 0;32472  
 15; 5950.0; 16-MAY-2008 15:30:02; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;32472  
 16; 6142.4; 16-MAY-2008 15:33:15; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32472  
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 18; 6687.9; 16-MAY-2008 15:42:20; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32472  
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 21; 7134.0; 16-MAY-2008 15:49:46; Dark ; 36.5; 78; Alp Lup ; 2.30; 28000;occ; 73; 0;32472  
 22; 7224.1; 16-MAY-2008 15:51:16; Dark ; 38.0; 81; Eta Cen ; 2.36; 28000;occ; 76; 0;32472  
 23; 7339.2; 16-MAY-2008 15:53:12; Dark ; 39.0; 54; 5The Cen ; 2.06; 4500;occ; 78; 0;32472

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 6; 2569.0; 16-MAY-2008 16:14:17; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32473  
 7; 2745.6; 16-MAY-2008 16:17:14; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32473

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9; 3181.7; 16-MAY-2008 16:24:30; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32473
10; 3446.3; 16-MAY-2008 16:28:55; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32473
11; 3938.4; 16-MAY-2008 16:37:07; Bright; 33.0; 76; 27Gam Cas ; 2.30; 30000;occ; 66; 0;32473
12; 4011.7; 16-MAY-2008 16:38:20; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32473
13; 5293.0; 16-MAY-2008 16:59:41; Dark ; 43.0; 52; 16Bet Cet ; 2.04; 4500;occ; 86; 0;32473
14; 5579.7; 16-MAY-2008 17:04:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32473
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16; 5950.7; 16-MAY-2008 17:10:39; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32473
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3; 769.2; 17-MAY-2008 03:28:29; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32480
4; 949.6; 17-MAY-2008 03:31:29; Dark ; 49.5; 178; Iot1Sco ; 3.02; 6550;occ; 99; 0;32480
5; 1040.4; 17-MAY-2008 03:33:00; Dark ; 49.0; 115; 34Ups Sco ; 2.70; 26000;occ; 98; 0;32480
6; 1174.3; 17-MAY-2008 03:35:14; Dark ; 53.0; 75; 26Eps Sco ; 2.29; 4250;occ; 106; 0;32480
7; 1357.1; 17-MAY-2008 03:38:17; Dark ; 55.5; 16; 21Alp Sco ; 1.02; 3000;occ; 111; 0;32480
8; 1511.0; 17-MAY-2008 03:40:51; Bright; 56.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 113; 0;32480
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11; 2042.1; 17-MAY-2008 03:49:42; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32480
12; 2234.5; 17-MAY-2008 03:52:54; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;32480
13; 2379.5; 17-MAY-2008 03:55:19; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;32480
14; 2568.1; 17-MAY-2008 03:58:28; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32480
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16; 3082.7; 17-MAY-2008 04:07:03; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32480
17; 3181.0; 17-MAY-2008 04:08:41; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32480
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4;-1265.4; 17-MAY-2008 04:35:10; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32480
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8; 10.5; 17-MAY-2008 04:56:26; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32481
9; 110.4; 17-MAY-2008 04:58:06; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32481
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11; 769.7; 17-MAY-2008 05:09:06; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32481
12; 950.2; 17-MAY-2008 05:12:06; Dark ; 49.5; 178; Iot1Sco ; 3.02; 6550;occ; 99; 0;32481
13; 1040.9; 17-MAY-2008 05:13:37; Dark ; 49.5; 115; 34Ups Sco ; 2.70; 26000;occ; 99; 0;32481
14; 1174.7; 17-MAY-2008 05:15:50; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32481
15; 1357.4; 17-MAY-2008 05:18:53; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32481
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22; 2567.8; 17-MAY-2008 05:39:04; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32481
23; 2745.7; 17-MAY-2008 05:42:01; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32481
24; 3082.2; 17-MAY-2008 05:47:38; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32481
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 7; 1729.2; 17-MAY-2008 20:30:29; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;32490  
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 9; 2234.4; 17-MAY-2008 20:38:54; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;32490  
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 19; 4773.7; 17-MAY-2008 21:21:13; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32490  
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 8; 774.6; 17-MAY-2008 21:55:10; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32491  
 9; 932.4; 17-MAY-2008 21:57:48; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32491  
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 11; 1179.0; 17-MAY-2008 22:01:54; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;32491  
 12; 1360.4; 17-MAY-2008 22:04:56; Dark ; 62.0; 16; 21Alp Sco ; 1.02; 3000;occ; 124; 0;32491  
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 14; 5297.4; 17-MAY-2008 14:47:33; Dark ; 46.0; 52; 16Bet Cet ; 2.04; 4500;occ; 92; 0;32486  
 15; 5703.1; 17-MAY-2008 14:54:18; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;32486  
 16; 5810.9; 17-MAY-2008 14:56:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32486  
 17; 5959.3; 17-MAY-2008 14:58:35; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;32486  
 18; 6051.1; 17-MAY-2008 15:00:06; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32486  
 19; 6149.2; 17-MAY-2008 15:01:45; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32486  
 20; 6382.8; 17-MAY-2008 15:05:38; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32486  
 21; 6808.5; 17-MAY-2008 15:12:44; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32486  
 22; 6965.9; 17-MAY-2008 15:15:21; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;32486  
 23; 7077.7; 17-MAY-2008 15:17:13; Dark ; 35.0; 25; 35Lam Sco ; 1.62; 28000;occ; 70; 0;32486  
 24; 7213.3; 17-MAY-2008 15:19:29; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32486  
 25; 7395.2; 17-MAY-2008 15:22:31; Dark ; 18.0; 16; 21Alp Sco ; 1.02; 3000;occ; 36; 0;32486

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 5; 2040.2; 17-MAY-2008 15:33:52; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32487  
 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  
 15; 4519.6; 17-MAY-2008 16:15:11; Dark ; 44.5; 58; 21Alp And ; 2.07; 11000;occ; 89; 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  
 18; 5704.0; 17-MAY-2008 16:34:55; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;32487  
 19; 5811.5; 17-MAY-2008 16:36:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32487  
 20; 5960.0; 17-MAY-2008 16:39:11; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;32487  
 21; 6052.1; 17-MAY-2008 16:40:43; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32487  
 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  
 24; 6809.2; 17-MAY-2008 16:53:21; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32487  
 25; 6966.6; 17-MAY-2008 16:55:58; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;32487  
 26; 7078.4; 17-MAY-2008 16:57:50; Dark ; 38.0; 25; 35Lam Sco ; 1.62; 28000;occ; 76; 0;32487  
 27; 7213.8; 17-MAY-2008 17:00:05; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;32487

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 4; 1620.1; 17-MAY-2008 17:07:27; Bright; 38.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 76; 0;32488  
 5; 1729.1; 17-MAY-2008 17:09:16; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32488  
 6; 2040.0; 17-MAY-2008 17:14:27; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32488  
 7; 2234.5; 17-MAY-2008 17:17:42; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32488  
 8; 2378.2; 17-MAY-2008 17:20:06; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;32488  
 9; 2566.9; 17-MAY-2008 17:23:14; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32488  
 10; 2745.6; 17-MAY-2008 17:26:13; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32488  
 11; 3079.1; 17-MAY-2008 17:31:46; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;32488  
 12; 3180.0; 17-MAY-2008 17:33:27; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32488  
 13; 3446.5; 17-MAY-2008 17:37:54; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32488

14; 3938.4; 17-MAY-2008 17:46:06; Bright; 33.0; 76; 27Gam Cas ; 2.30; 30000;occ; 66; 0;32488  
 15; 4011.7; 17-MAY-2008 17:47:19; Bright; 34.0; 68; 18Alp Cas ; 2.22; 4500;occ; 68; 0;32488  
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 17; 4773.5; 17-MAY-2008 18:00:01; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32488  
 18; 5298.1; 17-MAY-2008 18:08:45; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32488  
 19; 5704.8; 17-MAY-2008 18:15:32; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;32488  
 20; 5812.0; 17-MAY-2008 18:17:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32488  
 21; 5960.7; 17-MAY-2008 18:19:48; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32488  
 22; 6052.8; 17-MAY-2008 18:21:20; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32488  
 23; 6150.4; 17-MAY-2008 18:22:58; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32488  
 24; 6384.3; 17-MAY-2008 18:26:52; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32488  
 25; 6809.6; 17-MAY-2008 18:33:57; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32488  
 26; 6967.3; 17-MAY-2008 18:36:35; Dark ; 36.0; 40; The Sco ; 1.86; 7100;occ; 72; 0;32488

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 3; 1178.2; 17-MAY-2008 18:40:42; Dark ; 52.0; 75; 26Eps Sco ; 2.29; 4250;occ; 104; 0;32489  
 4; 1359.9; 17-MAY-2008 18:43:43; Dark ; 58.0; 16; 21Alp Sco ; 1.02; 3000;occ; 116; 0;32489  
 5; 1512.3; 17-MAY-2008 18:46:16; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32489  
 6; 1620.0; 17-MAY-2008 18:48:03; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32489  
 7; 1729.1; 17-MAY-2008 18:49:52; Bright; 39.0; 104; 27Bet Lib ; 2.61; 13100;occ; 78; 0;32489  
 8; 2039.8; 17-MAY-2008 18:55:03; Bright; 42.0; 102; 24Alp Ser ; 2.60; 4250;occ; 84; 0;32489  
 9; 2234.5; 17-MAY-2008 18:58:18; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;32489  
 10; 2378.2; 17-MAY-2008 19:00:42; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32489  
 11; 2566.8; 17-MAY-2008 19:03:50; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32489  
 12; 2745.7; 17-MAY-2008 19:06:49; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32489  
 13; 3078.6; 17-MAY-2008 19:12:22; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;32489  
 14; 3180.0; 17-MAY-2008 19:14:03; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32489  
 15; 3446.3; 17-MAY-2008 19:18:30; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32489  
 16; 3938.4; 17-MAY-2008 19:26:42; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32489  
 17; 4011.7; 17-MAY-2008 19:27:55; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32489  
 18; 4519.8; 17-MAY-2008 19:36:23; Dark ; 45.0; 58; 21Alp And ; 2.07; 11000;occ; 90; 0;32489  
 19; 4773.2; 17-MAY-2008 19:40:37; Dark ; 42.5; 140; 88Gam Peg ; 2.83; 26000;occ; 85; 0;32489  
 20; 5298.4; 17-MAY-2008 19:49:22; Dark ; 41.5; 52; 16Bet Cet ; 2.04; 4500;occ; 83; 0;32489  
 21; 5705.6; 17-MAY-2008 19:56:09; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;32489  
 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  
 24; 6053.5; 17-MAY-2008 20:01:57; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32489  
 25; 6150.8; 17-MAY-2008 20:03:34; Dark ; 41.0; 148; Alp Tuc ; 2.88; 4100;occ; 82; 0;32489  
 26; 6385.0; 17-MAY-2008 20:07:28; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32489  
 27; 6810.0; 17-MAY-2008 20:14:33; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32489

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 3; -222.1; 18-MAY-2008 00:59:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32492  
 4; -72.6; 18-MAY-2008 01:02:14; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;32492  
 5; 20.0; 18-MAY-2008 01:03:47; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32493  
 6; 116.3; 18-MAY-2008 01:05:23; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32493  
 7; 351.0; 18-MAY-2008 01:09:18; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32493  
 8; 775.5; 18-MAY-2008 01:16:22; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32493  
 9; 933.6; 18-MAY-2008 01:19:01; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32493  
 10; 1045.4; 18-MAY-2008 01:20:52; Dark ; 45.0; 25; 35Lam Sco ; 1.62; 28000;occ; 90; 0;32493  
 11; 1179.9; 18-MAY-2008 01:23:07; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32493  
 12; 1360.9; 18-MAY-2008 01:26:08; Dark ; 64.0; 16; 21Alp Sco ; 1.02; 3000;occ; 128; 0;32493  
 13; 1513.0; 18-MAY-2008 01:28:40; Bright; 44.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 89; 0;32493  
 14; 1620.6; 18-MAY-2008 01:30:28; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32493  
 15; 1729.5; 18-MAY-2008 01:32:16; Bright; 38.5; 104; 27Bet Lib ; 2.61; 13100;occ; 77; 0;32493  
 16; 2038.7; 18-MAY-2008 01:37:26; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32493  
 17; 2234.4; 18-MAY-2008 01:40:41; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32493  
 18; 2377.4; 18-MAY-2008 01:43:04; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32493  
 19; 2566.3; 18-MAY-2008 01:46:13; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32493  
 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  
 22; 3179.4; 18-MAY-2008 01:56:26; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32493  
 23; 3446.3; 18-MAY-2008 02:00:53; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32493

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6; -326.9; 18-MAY-2008 02:38:36; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;32493
7; -221.7; 18-MAY-2008 02:40:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32493
8; -71.9; 18-MAY-2008 02:42:51; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;32493
9; 20.7; 18-MAY-2008 02:44:24; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32494
10; 116.8; 18-MAY-2008 02:46:00; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32494
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
14; 1046.0; 18-MAY-2008 03:01:29; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32494
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21; 2234.5; 18-MAY-2008 03:21:17; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;32494
22; 2377.5; 18-MAY-2008 03:23:40; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32494
23; 2566.3; 18-MAY-2008 03:26:49; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32494
24; 2745.7; 18-MAY-2008 03:29:49; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;32494
25; 3076.4; 18-MAY-2008 03:35:19; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32494
26; 3179.3; 18-MAY-2008 03:37:02; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32494
27; 3446.4; 18-MAY-2008 03:41:29; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32494
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6; 2745.8; 18-MAY-2008 10:12:12; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32498
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8; 3178.9; 18-MAY-2008 10:19:26; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32498
9; 3446.3; 18-MAY-2008 10:23:53; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32498
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13; 4776.1; 18-MAY-2008 10:46:03; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32498
14; 5301.4; 18-MAY-2008 10:54:48; Dark ; 43.0; 52; 16Bet Cet ; 2.04; 4500;occ; 86; 0;32498
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16; 5816.6; 18-MAY-2008 11:03:23; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32498
17; 5967.3; 18-MAY-2008 11:05:54; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32498
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21; 6814.3; 18-MAY-2008 11:20:01; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32498
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23; 7084.9; 18-MAY-2008 11:24:32; Dark ; 56.0; 25; 35Lam Sco ; 1.62; 28000;occ; 112; 0;32498
24; 7218.4; 18-MAY-2008 11:26:45; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;32498
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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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9; 3446.3; 18-MAY-2008 12:04:29; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32499
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19; 6155.6; 18-MAY-2008 12:49:38; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32499
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22; 6973.7; 18-MAY-2008 13:03:16; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32499
23; 7085.5; 18-MAY-2008 13:05:08; Dark ; 54.0; 25; 35Lam Sco ; 1.62; 28000;occ; 108; 0;32499
24; 7218.8; 18-MAY-2008 13:07:21; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32499
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3; 2234.7; 18-MAY-2008 13:24:53; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;32500
4; 2376.5; 18-MAY-2008 13:27:15; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;32500
5; 2565.5; 18-MAY-2008 13:30:24; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32500
6; 2745.9; 18-MAY-2008 13:33:24; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32500
7; 3073.7; 18-MAY-2008 13:38:52; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;32500
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9; 3446.5; 18-MAY-2008 13:45:05; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32500
10; 3938.3; 18-MAY-2008 13:53:17; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32500
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13; 4777.2; 18-MAY-2008 14:07:16; Dark ; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;32500
14; 5302.2; 18-MAY-2008 14:16:01; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32500
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21; 7086.1; 18-MAY-2008 14:45:45; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32500
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 6; 2565.5; 18-MAY-2008 15:11:00; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32501
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10; 3446.6; 18-MAY-2008 15:25:41; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32501
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13; 4521.9; 18-MAY-2008 15:43:36; Dark ; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;32501
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7; 782.1; 19-MAY-2008 00:44:52; Dark ; 45.0; 141; Bet Ara ; 2.84; 4600;occ; 90; 0;32507
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8; -60.4; 19-MAY-2008 07:13:13; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;32510
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23; 7224.2; 19-MAY-2008 10:55:14; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;32512
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 5; 2564.0; 19-MAY-2008 11:18:10; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32513
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 9; 3938.0; 19-MAY-2008 11:41:04; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;32513
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 5; 2235.1; 19-MAY-2008 14:33:52; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32515  
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21; 6404.0; 19-MAY-2008 17:23:57; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32516  
22; 6823.1; 19-MAY-2008 17:30:56; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32516  
23; 6984.2; 19-MAY-2008 17:33:38; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32516  
24; 7095.7; 19-MAY-2008 17:35:29; Dark ; 7.5; 25; 35Lam Sco ; 1.62; 28000;occ; 15; 0;32516

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10; 2374.5; 19-MAY-2008 17:57:24; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;32517  
11; 2563.6; 19-MAY-2008 18:00:33; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32517  
12; 2746.5; 19-MAY-2008 18:03:36; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32517  
13; 3066.4; 19-MAY-2008 18:08:56; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32517  
14; 3177.0; 19-MAY-2008 18:10:46; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32517  
15; 3446.6; 19-MAY-2008 18:15:16; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32517  
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17; 4011.0; 19-MAY-2008 18:24:40; Bright; 54.0; 68; 18Alp Cas ; 2.22; 4500;occ; 108; 0;32517  
18; 4524.5; 19-MAY-2008 18:33:14; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 0;32517  
19; 4782.6; 19-MAY-2008 18:37:32; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32517  
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22; 5826.0; 19-MAY-2008 18:54:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32517  
23; 5980.5; 19-MAY-2008 18:57:30; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;32517  
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27; 6984.7; 19-MAY-2008 19:14:14; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32517

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9; 2235.2; 19-MAY-2008 19:35:41; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;32518  
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11; 2563.5; 19-MAY-2008 19:41:09; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32518  
12; 2746.5; 19-MAY-2008 19:44:12; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;32518  
13; 3065.8; 19-MAY-2008 19:49:31; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32518  
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16; 3938.1; 19-MAY-2008 20:04:03; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;32518  
17; 4011.0; 19-MAY-2008 20:05:16; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32518

18; 4524.7; 19-MAY-2008 20:13:50; Dark ; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;32518  
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 26; 6823.9; 19-MAY-2008 20:52:09; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32518  
 27; 6985.1; 19-MAY-2008 20:54:50; Dark ; 17.5; 40; The Sco ; 1.86; 7100;occ; 35; 0;32518

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 3; -208.0; 20-MAY-2008 01:37:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32521  
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 6; 371.4; 20-MAY-2008 01:47:00; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32522  
 7; 789.3; 20-MAY-2008 01:53:58; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;32522  
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 9; 1062.4; 20-MAY-2008 01:58:31; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;32522  
 10; 1192.1; 20-MAY-2008 02:00:41; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32522  
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 12; 1517.9; 20-MAY-2008 02:06:07; Bright; 43.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 86; 0;32522  
 13; 1624.6; 20-MAY-2008 02:07:54; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32522  
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 15; 2032.7; 20-MAY-2008 02:14:42; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32522  
 16; 2235.3; 20-MAY-2008 02:18:04; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;32522  
 17; 2373.9; 20-MAY-2008 02:20:23; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;32522  
 18; 2563.1; 20-MAY-2008 02:23:32; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32522  
 19; 2746.6; 20-MAY-2008 02:26:36; Bright; 49.5; 39; 85Eta UMa ; 1.85; 24000;occ; 99; 0;32522  
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 21; 3176.4; 20-MAY-2008 02:33:45; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;32522  
 22; 3446.5; 20-MAY-2008 02:38:15; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32522  
 23; 3938.1; 20-MAY-2008 02:46:27; Bright; 23.0; 76; 27Gam Cas ; 2.30; 30000;occ; 46; 0;32522

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 4; -1251.5; 20-MAY-2008 03:00:33; Dark ; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;32522  
 5; -725.5; 20-MAY-2008 03:09:19; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32522  
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 7; -207.4; 20-MAY-2008 03:17:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32522  
 8; -52.0; 20-MAY-2008 03:20:33; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;32522  
 9; 44.0; 20-MAY-2008 03:22:09; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32523  
 10; 372.2; 20-MAY-2008 03:27:37; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32523  
 11; 790.0; 20-MAY-2008 03:34:35; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32523  
 12; 951.7; 20-MAY-2008 03:37:17; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32523  
 13; 1063.2; 20-MAY-2008 03:39:08; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;32523  
 14; 1192.6; 20-MAY-2008 03:41:17; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;32523  
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 16; 1517.9; 20-MAY-2008 03:46:43; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32523  
 17; 1625.0; 20-MAY-2008 03:48:30; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32523  
 18; 1731.3; 20-MAY-2008 03:50:16; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32523  
 19; 2032.5; 20-MAY-2008 03:55:17; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32523  
 20; 2235.5; 20-MAY-2008 03:58:40; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;32523  
 21; 2373.9; 20-MAY-2008 04:00:59; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32523  
 22; 2563.1; 20-MAY-2008 04:04:08; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32523  
 23; 2746.8; 20-MAY-2008 04:07:12; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32523  
 24; 3063.9; 20-MAY-2008 04:12:29; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32523  
 25; 3176.5; 20-MAY-2008 04:14:21; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32523  
 26; 3446.7; 20-MAY-2008 04:18:52; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32523

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 3; -1510.5; 20-MAY-2008 04:36:50; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32523  
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9; 44.8; 20-MAY-2008 05:02:46; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32524
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11; 790.5; 20-MAY-2008 05:15:11; Dark ; 46.0; 141; Bet Ara ; 2.84; 4600;occ; 92; 0;32524
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13; 1063.6; 20-MAY-2008 05:19:44; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;32524
14; 1192.9; 20-MAY-2008 05:21:54; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32524
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21; 2373.8; 20-MAY-2008 05:41:35; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32524
22; 2563.1; 20-MAY-2008 05:44:44; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32524
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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25; 3176.4; 20-MAY-2008 05:54:57; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32524
26; 3446.7; 20-MAY-2008 05:59:28; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32524
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17; 1625.1; 20-MAY-2008 07:09:42; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32525
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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  
 24; 7103.1; 20-MAY-2008 15:23:23; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;32529  
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 7; 2373.2; 20-MAY-2008 15:45:10; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32530  
 8; 2562.6; 20-MAY-2008 15:48:19; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32530  
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 12; 3446.8; 20-MAY-2008 16:03:03; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32530  
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 22; 6414.0; 20-MAY-2008 16:52:30; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32530  
 23; 6829.7; 20-MAY-2008 16:59:26; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32530  
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 7; 2235.8; 20-MAY-2008 17:23:28; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32531  
 8; 2373.2; 20-MAY-2008 17:25:46; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;32531  
 9; 2562.5; 20-MAY-2008 17:28:55; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32531  
 10; 2747.3; 20-MAY-2008 17:32:00; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32531  
 11; 3060.5; 20-MAY-2008 17:37:13; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32531  
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 13; 3446.8; 20-MAY-2008 17:43:39; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32531  
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 22; 6087.4; 20-MAY-2008 18:27:40; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32531  
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5; 1626.2; 20-MAY-2008 18:53:54; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32532
6; 1731.9; 20-MAY-2008 18:55:40; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32532
7; 2030.8; 20-MAY-2008 19:00:39; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32532
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13; 3175.6; 20-MAY-2008 19:19:44; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32532
14; 3446.7; 20-MAY-2008 19:24:15; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32532
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16; 4010.5; 20-MAY-2008 19:33:39; Bright; 54.0; 68; 18Alp Cas ; 2.22; 4500;occ; 108; 0;32532
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3; -200.8; 21-MAY-2008 01:05:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32535
4; -42.9; 21-MAY-2008 01:08:29; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;32535
5; 54.6; 21-MAY-2008 01:10:07; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32536
6; 381.4; 21-MAY-2008 01:15:33; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32536
7; 796.0; 21-MAY-2008 01:22:28; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32536
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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13; 1626.6; 21-MAY-2008 01:36:19; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32536
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15; 2030.0; 21-MAY-2008 01:43:02; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32536
16; 2236.0; 21-MAY-2008 01:46:28; Bright; 36.0; 3; 16Alp Boo ;-0.05; 4250;occ; 72; 0;32536
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18; 2561.9; 21-MAY-2008 01:51:54; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32536
19; 2747.5; 21-MAY-2008 01:54:59; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32536
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22; 3446.7; 21-MAY-2008 02:06:39; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32536
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4; -1246.6; 21-MAY-2008 04:09:37; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32537
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9; 56.2; 21-MAY-2008 04:31:20; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32538
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13; 1071.6; 21-MAY-2008 04:48:15; Dark ; 52.0; 25; 35Lam Sco ; 1.62; 28000;occ; 104; 0;32538
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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
17; 1628.9; 22-MAY-2008 06:06:32; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32553
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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 4; -1240.9; 22-MAY-2008 06:59:18; Dark ; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;32553
 5; -712.9; 22-MAY-2008 07:08:06; Dark ; 47.5; 52; 16Bet Cet ; 2.04; 4500;occ; 95; 0;32553
 6; -191.4; 22-MAY-2008 07:16:47; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32553
 7; -29.7; 22-MAY-2008 07:19:29; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;32553
 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
10; 394.3; 22-MAY-2008 07:26:33; Dark ; 39.5; 45; Alp Pav ; 1.94; 26000;occ; 79; 0;32554
11; 804.3; 22-MAY-2008 07:33:23; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;32554
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
15; 1377.9; 22-MAY-2008 07:42:57; Dark ; 54.5; 16; 21Alp Sco ; 1.02; 3000;occ; 109; 0;32554
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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 3; 2027.1; 22-MAY-2008 07:53:46; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32554
 4; 2237.3; 22-MAY-2008 07:57:16; Bright; 35.5; 3; 16Alp Boo ;-0.05; 4250;occ; 71; 0;32554
 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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 16; 6006.9; 22-MAY-2008 09:00:06; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;32554  
 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  
 25; 7559.2; 22-MAY-2008 09:25:58; Bright; 39.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 78; 0;32554  
 26; 7665.3; 22-MAY-2008 09:27:44; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32554  
 27; 7769.5; 22-MAY-2008 09:29:28; Bright; 27.5; 104; 27Bet Lib ; 2.61; 13100;occ; 55; 0;32554

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 4; 2237.3; 22-MAY-2008 09:37:52; Bright; 37.0; 3; 16Alp Boo ; -0.05; 4250;occ; 74; 0;32555  
 5; 2371.2; 22-MAY-2008 09:40:06; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32555  
 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  
 10; 3937.4; 22-MAY-2008 10:06:12; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32555  
 11; 4009.8; 22-MAY-2008 10:07:24; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;32555  
 12; 4531.1; 22-MAY-2008 10:16:06; Dark ; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;32555  
 13; 4795.8; 22-MAY-2008 10:20:30; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32555  
 14; 5323.8; 22-MAY-2008 10:29:19; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32555  
 15; 5845.6; 22-MAY-2008 10:38:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32555  
 16; 6007.6; 22-MAY-2008 10:40:42; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;32555  
 17; 6095.1; 22-MAY-2008 10:42:10; Dark ; 46.0; 172; Gam Gru ; 3.00; 13100;occ; 92; 0;32555  
 18; 6184.5; 22-MAY-2008 10:43:39; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32555  
 19; 6431.6; 22-MAY-2008 10:47:46; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32555  
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 21; 7006.4; 22-MAY-2008 10:57:21; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32555  
 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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 25; 7559.3; 22-MAY-2008 11:06:34; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32555  
 26; 7665.3; 22-MAY-2008 11:08:20; Bright; 35.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 71; 0;32555

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 3; 2026.6; 22-MAY-2008 11:14:57; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32556  
 4; 2237.3; 22-MAY-2008 11:18:28; Bright; 46.0; 3; 16Alp Boo ; -0.05; 4250;occ; 92; 0;32556  
 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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 9; 3446.7; 22-MAY-2008 11:38:37; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32556  
 10; 3937.3; 22-MAY-2008 11:46:48; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;32556  
 11; 4009.7; 22-MAY-2008 11:48:00; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 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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 15; 5846.1; 22-MAY-2008 12:18:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32556  
 16; 6008.4; 22-MAY-2008 12:21:19; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;32556  
 17; 6096.4; 22-MAY-2008 12:22:47; Dark ; 42.0; 172; Gam Gru ; 3.00; 13100;occ; 84; 0;32556  
 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  
 21; 7006.9; 22-MAY-2008 12:37:57; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32556  
 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  
 24; 7414.5; 22-MAY-2008 12:44:45; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;32556  
 25; 7559.3; 22-MAY-2008 12:47:10; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32556  
 26; 7665.5; 22-MAY-2008 12:48:56; Bright; 35.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 70; 0;32556

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 6; 1630.3; 22-MAY-2008 21:11:57; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32562  
 7; 1734.1; 22-MAY-2008 21:13:40; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32562  
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 10; 2370.6; 22-MAY-2008 21:24:17; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;32562  
 11; 2560.6; 22-MAY-2008 21:27:27; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;32562  
 12; 3048.0; 22-MAY-2008 21:35:34; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32562  
 13; 3172.8; 22-MAY-2008 21:37:39; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32562  
 14; 3446.6; 22-MAY-2008 21:42:13; Bright; 52.0; 49; 1Alp UMi ; 1.99; 6300;occ; 104; 0;32562  
 15; 3937.2; 22-MAY-2008 21:50:23; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;32562  
 16; 4009.3; 22-MAY-2008 21:51:36; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32562  
 17; 4532.3; 22-MAY-2008 22:00:19; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32562  
 18; 4798.3; 22-MAY-2008 22:04:45; Dark ; 42.5; 140; 88Gam Peg ; 2.83; 26000;occ; 85; 0;32562

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 4; 67.5; 22-MAY-2008 22:26:30; Dark ; 31.0; 172; Gam Gru ; 3.00; 13100;occ; 62; 0;32563  
 5; 152.2; 22-MAY-2008 22:27:54; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32563  
 6; 400.5; 22-MAY-2008 22:32:03; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32563  
 7; 808.2; 22-MAY-2008 22:38:50; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32563  
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 22; 3937.1; 22-MAY-2008 23:30:59; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 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
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20080522_124918_000059132068_00439_32557_1024.N1
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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
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20080522_142746_000057632068_00440_32558_1025.N1
 1; 1523.8; 22-MAY-2008 14:27:46; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32558
 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
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20080522_160558_000056792068_00441_32559_1026.N1
 1; 1379.2; 22-MAY-2008 16:05:58; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;32559
 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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1; 1017.7; 22-MAY-2008 17:40:32; Dark ; 50.5; 40; The Sco ; 1.86; 7100;occ; 101; 90;32560  
 2; 1083.5; 22-MAY-2008 17:41:38; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32560  
 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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1; 973.1; 22-MAY-2008 19:20:23; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32561  
 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  
 8; 1841.1; 22-MAY-2008 19:34:51; Bright; 44.5; 120; 1Del Oph ; 2.73; 3200;occ; 89; 0;32561  
 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  
 17; 4532.2; 22-MAY-2008 20:19:42; Dark ; 43.5; 58; 21Alp And ; 2.07; 11000;occ; 87; 0;32561  
 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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1; -708.2; 23-MAY-2008 01:34:46; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32564  
 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
6; 401.9; 23-MAY-2008 01:53:16; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32565
7; 809.1; 23-MAY-2008 02:00:03; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32565
8; 975.3; 23-MAY-2008 02:02:49; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32565
9; 1086.0; 23-MAY-2008 02:04:40; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32565
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6; 410.4; 23-MAY-2008 22:00:36; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32577
7; 814.4; 23-MAY-2008 22:07:20; Dark ; 38.5; 141; Bet Ara ; 2.84; 4600;occ; 77; 0;32577
8; 981.8; 23-MAY-2008 22:10:07; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32577
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13; 1638.5; 23-MAY-2008 22:21:04; Bright; 30.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 60; 0;32577
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22; 3936.7; 23-MAY-2008 22:59:22; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;32577
23; 4008.6; 23-MAY-2008 23:00:34; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32577
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26; 4803.9; 23-MAY-2008 23:13:49; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32577
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6; 411.1; 23-MAY-2008 23:41:12; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32578
7; 814.8; 23-MAY-2008 23:47:56; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32578
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 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  
 14; 5329.9; 23-MAY-2008 09:57:48; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32569  
 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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 2; 1840.3; 23-MAY-2008 10:40:14; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32570  
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 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  
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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
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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
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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
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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
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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
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20; 6121.7; 23-MAY-2008 15:12:47; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32572
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
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6; 2024.2; 23-MAY-2008 15:45:05; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32573
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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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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
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4; 1526.2; 23-MAY-2008 17:17:23; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32574
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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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12; 816.3; 24-MAY-2008 04:49:45; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32581
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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23; 3171.4; 24-MAY-2008 07:09:36; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32582
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4; 2369.6; 24-MAY-2008 08:36:50; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32583  
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4; 3039.6; 24-MAY-2008 10:28:36; Bright; 38.0; 119; 14Eta Dra ; 2.73; 4700;occ; 76; 0;32584  
5; 3171.2; 24-MAY-2008 10:30:48; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32584  
6; 3687.9; 24-MAY-2008 10:39:24; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;32584  
7; 3936.5; 24-MAY-2008 10:43:33; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32584  
8; 4008.4; 24-MAY-2008 10:44:45; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32584  
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 8; 1099.9; 24-MAY-2008 23:21:04; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32592
 9; 1218.8; 24-MAY-2008 23:23:03; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32592
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13; 4536.9; 24-MAY-2008 15:55:21; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32587
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
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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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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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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  
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20; 6454.8; 24-MAY-2008 18:07:55; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32588  
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  
11; 3685.2; 24-MAY-2008 19:02:21; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32589  
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13; 4008.0; 24-MAY-2008 19:07:44; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;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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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  
10; 1387.7; 25-MAY-2008 01:06:28; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32593  
11; 1529.2; 25-MAY-2008 01:08:49; Bright; 39.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 79; 0;32593  
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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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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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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
10; 1388.0; 25-MAY-2008 02:47:04; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32594
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
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16; 3035.8; 25-MAY-2008 03:14:32; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32594
17; 3170.5; 25-MAY-2008 03:16:46; Bright; 33.0; 60; 7Bet UMi ; 2.08; 3950;occ; 66; 0;32594
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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
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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
14; 1220.0; 25-MAY-2008 04:24:52; Dark ; 46.0; 75; 26Eps Sco ; 2.29; 4250;occ; 92; 0;32595
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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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
7; 1837.4; 25-MAY-2008 21:21:09; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32605
8; 2020.3; 25-MAY-2008 21:24:11; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32605
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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12; 3676.5; 25-MAY-2008 21:51:48; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32605
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
16; 4539.9; 25-MAY-2008 22:06:11; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32605
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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4; 114.4; 25-MAY-2008 22:33:01; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32606
5; 430.7; 25-MAY-2008 22:38:18; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32606
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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13; 1837.3; 25-MAY-2008 23:01:44; Bright; 42.0; 120; 1Del Oph ; 2.73; 3200;occ; 84; 0;32606
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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 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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 6; 3030.0; 26-MAY-2008 07:44:37; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32611  
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 9; 3935.1; 26-MAY-2008 07:59:42; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32611  
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 11; 4541.2; 26-MAY-2008 08:09:48; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32611  
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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
 7; 3664.5; 27-MAY-2008 10:44:46; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32627
 8; 3934.1; 27-MAY-2008 10:49:16; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;32627
 9; 4387.8; 27-MAY-2008 10:56:49; Bright; 52.0; 53; 43Bet And ; 2.05; 3300;occ; 104; 0;32627
10; 4544.1; 27-MAY-2008 10:59:26; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;32627
11; 4824.1; 27-MAY-2008 11:04:06; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32627
12; 5357.7; 27-MAY-2008 11:12:59; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32627
13; 5886.4; 27-MAY-2008 11:21:48; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;32627
14; 6169.9; 27-MAY-2008 11:26:31; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32627
15; 6482.1; 27-MAY-2008 11:31:44; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32627
16; 6872.0; 27-MAY-2008 11:38:14; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32627
17; 7044.0; 27-MAY-2008 11:41:05; Dark ; 45.0; 40; The Sco ; 1.86; 7100;occ; 90; 0;32627
18; 7153.5; 27-MAY-2008 11:42:55; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32627
19; 7267.4; 27-MAY-2008 11:44:49; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32627
20; 7393.7; 27-MAY-2008 11:46:55; Dark ; 47.5; 136; 23Tau Sco ; 2.82; 30000;occ; 95; 0;32627
21; 7523.2; 27-MAY-2008 11:49:05; Bright; 40.5; 80; 7Del Sco ; 2.32; 30000;occ; 81; 0;32627
22; 7621.3; 27-MAY-2008 11:50:43; Bright; 48.0; 86; 35Eta Oph ; 2.43; 10200;occ; 96; 0;32627
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 2; 1741.3; 27-MAY-2008 11:53:19; Bright; 34.5; 104; 27Bet Lib ; 2.61; 13100;occ; 69; 0;32628
 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
 5; 2378.8; 27-MAY-2008 12:03:56; Bright; 36.5; 67; 5Alp CrB ; 2.22; 11000;occ; 73; 0;32628
 6; 2562.5; 27-MAY-2008 12:07:00; Bright; 45.5; 133; 40Zet Her ; 2.81; 6000;occ; 91; 0;32628
 7; 3023.9; 27-MAY-2008 12:14:41; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32628
 8; 3168.5; 27-MAY-2008 12:17:06; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;32628
 9; 3664.1; 27-MAY-2008 12:25:21; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32628
10; 3934.0; 27-MAY-2008 12:29:51; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32628
11; 4387.9; 27-MAY-2008 12:37:25; Bright; 41.0; 53; 43Bet And ; 2.05; 3300;occ; 82; 0;32628
12; 4544.3; 27-MAY-2008 12:40:02; Dark ; 52.5; 58; 21Alp And ; 2.07; 11000;occ; 105; 0;32628
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
15; 5887.0; 27-MAY-2008 13:02:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32628
16; 6063.8; 27-MAY-2008 13:05:21; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;32628
17; 6170.8; 27-MAY-2008 13:07:08; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;32628
18; 6482.9; 27-MAY-2008 13:12:20; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32628
19; 6872.5; 27-MAY-2008 13:18:50; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;32628
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21; 7153.8; 27-MAY-2008 13:23:31; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32628
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
24; 7523.4; 27-MAY-2008 13:29:41; Bright; 39.0; 80; 7Del Sco ; 2.32; 30000;occ; 78; 0;32628
25; 7621.5; 27-MAY-2008 13:31:19; Bright; 28.5; 86; 35Eta Oph ; 2.43; 10200;occ; 57; 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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5; 2378.3; 27-MAY-2008 17:05:43; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;32631  
6; 2560.8; 27-MAY-2008 17:08:46; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32631  
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  
12; 4544.9; 27-MAY-2008 17:41:50; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;32631  
13; 4825.9; 27-MAY-2008 17:46:31; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32631  
14; 5360.1; 27-MAY-2008 17:55:25; Dark ; 47.5; 52; 16Bet Cet ; 2.04; 4500;occ; 95; 0;32631  
15; 5889.0; 27-MAY-2008 18:04:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32631  
16; 6066.4; 27-MAY-2008 18:07:12; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;32631  
17; 6173.6; 27-MAY-2008 18:08:59; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32631  
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  
20; 7046.1; 27-MAY-2008 18:23:31; Dark ; 47.0; 40; The Sco ; 1.86; 7100;occ; 94; 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  
14; 5359.0; 27-MAY-2008 14:34:12; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32629  
15; 5887.7; 27-MAY-2008 14:43:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32629  
16; 6064.7; 27-MAY-2008 14:45:58; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;32629  
17; 6171.8; 27-MAY-2008 14:47:45; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32629  
18; 6483.6; 27-MAY-2008 14:52:57; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32629  
19; 6873.0; 27-MAY-2008 14:59:26; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32629  
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21; 7154.4; 27-MAY-2008 15:04:08; Dark ; 47.0; 25; 35Lam Sco ; 1.62; 28000;occ; 94; 0;32629  
22; 7268.1; 27-MAY-2008 15:06:01; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32629  
23; 7394.3; 27-MAY-2008 15:08:07; Dark ; 41.0; 136; 23Tau Sco ; 2.82; 30000;occ; 82; 0;32629

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2; 1701.3; 27-MAY-2008 15:13:50; Bright; 43.0; 98; 13Zet Oph ; 2.57; 30000;occ; 86; 0;32630  
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  
10; 4388.4; 27-MAY-2008 15:58:37; Bright; 52.5; 53; 43Bet And ; 2.05; 3300;occ; 105; 0;32630  
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  
13; 5359.5; 27-MAY-2008 16:14:49; Dark ; 41.5; 52; 16Bet Cet ; 2.04; 4500;occ; 83; 0;32630  
14; 5888.4; 27-MAY-2008 16:23:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32630  
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16; 6172.7; 27-MAY-2008 16:28:22; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32630  
17; 6484.4; 27-MAY-2008 16:33:34; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32630  
18; 6873.5; 27-MAY-2008 16:40:03; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32630  
19; 7045.6; 27-MAY-2008 16:42:55; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;32630  
20; 7155.1; 27-MAY-2008 16:44:44; Dark ; 45.0; 25; 35Lam Sco ; 1.62; 28000;occ; 90; 0;32630  
21; 7268.4; 27-MAY-2008 16:46:38; Dark ; 46.0; 75; 26Eps Sco ; 2.29; 4250;occ; 92; 0;32630

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3; 1232.8; 27-MAY-2008 18:27:14; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32632  
4; 1358.9; 27-MAY-2008 18:29:20; Dark ; 42.5; 136; 23Tau Sco ; 2.82; 30000;occ; 85; 0;32632  
5; 1701.4; 27-MAY-2008 18:35:03; Bright; 43.0; 98; 13Zet Oph ; 2.57; 30000;occ; 86; 0;32632

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6; 1835.8; 27-MAY-2008 18:37:17; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32632
7; 2017.9; 27-MAY-2008 18:40:19; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32632
8; 2378.0; 27-MAY-2008 18:46:19; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32632
9; 2560.2; 27-MAY-2008 18:49:21; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32632
10; 3022.6; 27-MAY-2008 18:57:04; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32632
11; 3168.5; 27-MAY-2008 18:59:30; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32632
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
14; 4388.5; 27-MAY-2008 19:19:50; Bright; 41.0; 53; 43Bet And ; 2.05; 3300;occ; 82; 0;32632
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16; 4826.4; 27-MAY-2008 19:27:08; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32632
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20; 6174.4; 27-MAY-2008 19:49:36; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32632
21; 6485.7; 27-MAY-2008 19:54:47; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32632
22; 6874.2; 27-MAY-2008 20:01:15; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32632
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3; 33.6; 28-MAY-2008 00:49:38; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32636
4; 141.2; 28-MAY-2008 00:51:26; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32636
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6; 839.4; 28-MAY-2008 01:03:04; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32636
7; 1011.9; 28-MAY-2008 01:05:57; Dark ; 45.5; 40; The Sco ; 1.86; 7100;occ; 91; 0;32636
8; 1121.3; 28-MAY-2008 01:07:46; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32636
9; 1234.1; 28-MAY-2008 01:09:39; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;32636
10; 1359.9; 28-MAY-2008 01:11:45; Dark ; 41.0; 136; 23Tau Sco ; 2.82; 30000;occ; 82; 0;32636
11; 1701.5; 28-MAY-2008 01:17:26; Bright; 42.5; 98; 13Zet Oph ; 2.57; 30000;occ; 85; 0;32636
12; 1835.7; 28-MAY-2008 01:19:40; Bright; 41.0; 120; 1Del Oph ; 2.73; 3200;occ; 82; 0;32636
13; 2017.5; 28-MAY-2008 01:22:42; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32636
14; 2377.3; 28-MAY-2008 01:28:42; Bright; 42.0; 67; 5Alp CrB ; 2.22; 11000;occ; 84; 0;32636
15; 2557.7; 28-MAY-2008 01:31:42; Bright; 55.5; 133; 40Zet Her ; 2.81; 6000;occ; 111; 0;32636
16; 3021.3; 28-MAY-2008 01:39:26; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32636
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19; 3933.6; 28-MAY-2008 01:54:38; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32636
20; 4388.9; 28-MAY-2008 02:02:14; Bright; 41.0; 53; 43Bet And ; 2.05; 3300;occ; 82; 0;32636
21; 4545.8; 28-MAY-2008 02:04:50; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;32636
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13; 6443.4; 31-MAY-2008 14:26:25; Dark ; 38.5; 0; ; 0.00; 0;occ; 77; 0;32686
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