

GOMOS Daily Report 03-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	08MAY2008 13:11:27
Data source version	GOMOS/5.00
Start time of products	03-MAY-2008 (03MAY2008 00:00:00)
Stop time of products	04-MAY-2008 (04MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	92
Nb of prods with errors	0

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

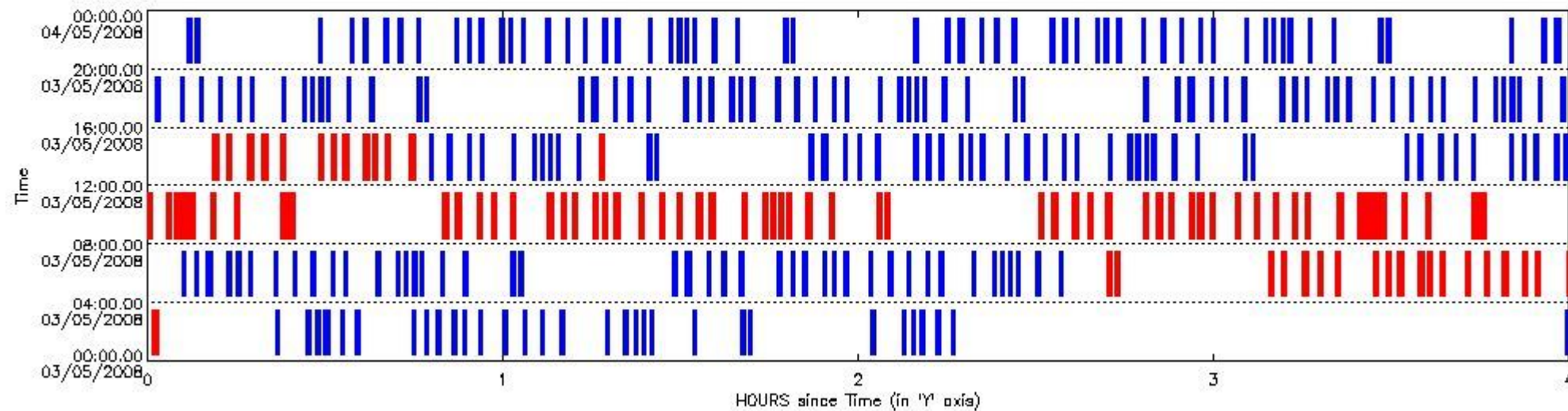
2.1 Level 0 products arrived in PCF (see template [here](#))

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
03-MAY-2008 00:00:48	18AlpCas	68	32277
03-MAY-2008 06:41:52	37DelCas	110	32281
03-MAY-2008 06:43:12	18AlpCas	68	32281
03-MAY-2008 07:09:10	24AlpPsA	18	32281
03-MAY-2008 07:11:21	DSA1037	0	32281
03-MAY-2008 07:14:58	AlpGru	31	32281
03-MAY-2008 07:17:27	AlpTuc	148	32282
03-MAY-2008 07:20:30	AlpPav	45	32282
03-MAY-2008 07:26:55	AlpTrA	43	32282
03-MAY-2008 07:29:07	BetTrA	134	32282
03-MAY-2008 07:31:07	Alp1Cen	4	32282
03-MAY-2008 07:34:33	AlpLup	78	32282
03-MAY-2008 07:36:06	EtaCen	81	32282
03-MAY-2008 07:38:09	5TheCen	54	32282
03-MAY-2008 07:42:23	46GamHya	169	32282

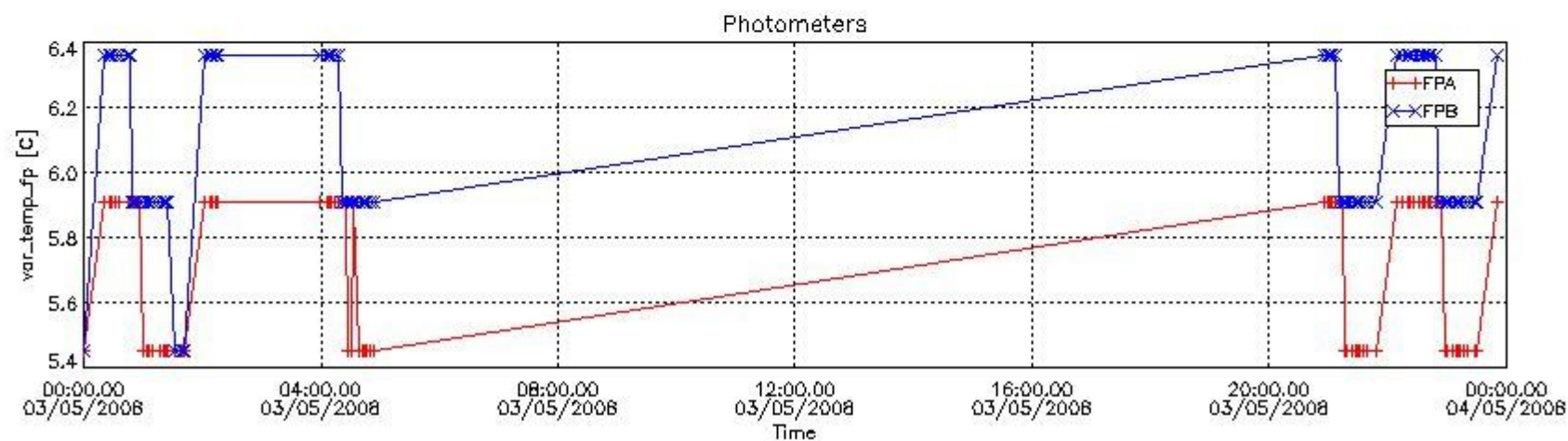
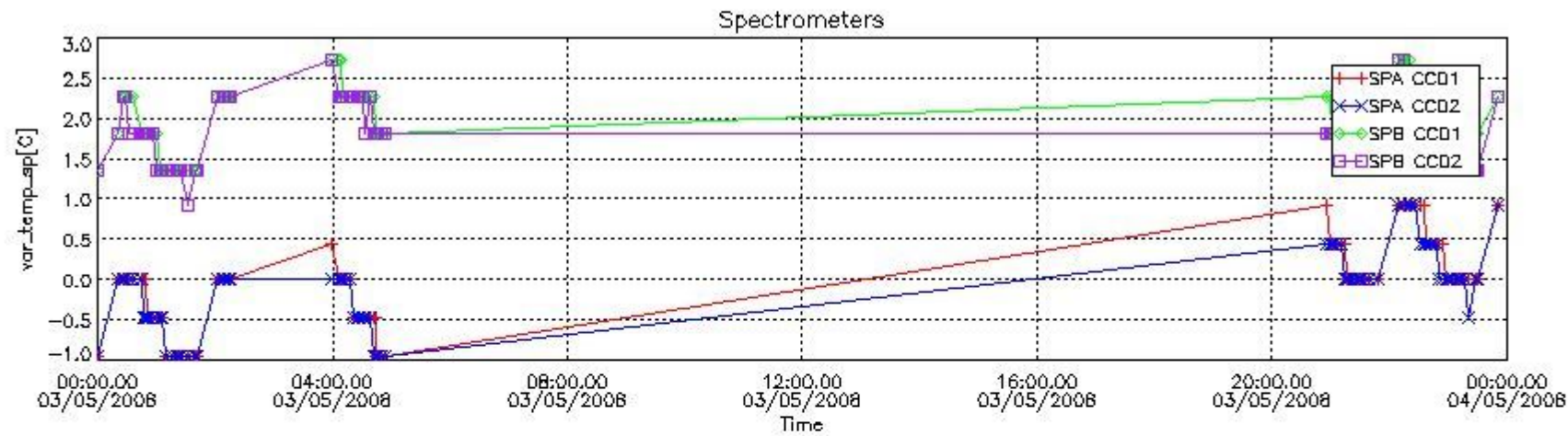
03-MAY-2008 07:45:41	67AlpVir	15	32282
03-MAY-2008 07:48:47	29GamVir	121	32282
03-MAY-2008 07:52:03	47EpsVir	138	32282
03-MAY-2008 07:54:12	8EtaBoo	111	32282
03-MAY-2008 07:59:44	12Alp2CVn	152	32282
03-MAY-2008 08:03:07	85EtaUMa	39	32282
03-MAY-2008 08:04:30	79ZetUMa	55	32282
03-MAY-2008 08:05:52	48BetUMa	82	32282
03-MAY-2008 08:07:09	50AlpUMa	36	32282
03-MAY-2008 08:10:36	7BetUMi	60	32282
03-MAY-2008 08:14:29	1AlpUMi	49	32282
03-MAY-2008 08:22:28	37DelCas	110	32282
03-MAY-2008 08:23:48	18AlpCas	68	32282
03-MAY-2008 08:49:46	24AlpPsA	18	32282
03-MAY-2008 08:51:57	DSA1037	0	32282
03-MAY-2008 08:55:34	AlpGru	31	32282
03-MAY-2008 08:58:04	AlpTuc	148	32283
03-MAY-2008 09:01:06	AlpPav	45	32283
03-MAY-2008 09:07:31	AlpTrA	43	32283
03-MAY-2008 09:09:43	BetTrA	134	32283
03-MAY-2008 09:11:43	Alp1Cen	4	32283
03-MAY-2008 09:15:10	AlpLup	78	32283
03-MAY-2008 09:16:42	EtaCen	81	32283
03-MAY-2008 09:18:45	5TheCen	54	32283
03-MAY-2008 09:22:59	46GamHya	169	32283
03-MAY-2008 09:26:17	67AlpVir	15	32283
03-MAY-2008 09:29:23	29GamVir	121	32283
03-MAY-2008 09:32:39	47EpsVir	138	32283
03-MAY-2008 09:34:48	8EtaBoo	111	32283
03-MAY-2008 09:40:20	12Alp2CVn	152	32283
03-MAY-2008 09:43:43	85EtaUMa	39	32283
03-MAY-2008 09:45:06	79ZetUMa	55	32283
03-MAY-2008 09:46:29	48BetUMa	82	32283
03-MAY-2008 09:47:46	50AlpUMa	36	32283
03-MAY-2008 09:51:11	7BetUMi	60	32283
03-MAY-2008 09:55:05	1AlpUMi	49	32283
03-MAY-2008 10:03:04	37DelCas	110	32283
03-MAY-2008 10:04:24	18AlpCas	68	32283
03-MAY-2008 10:30:23	24AlpPsA	18	32283
03-MAY-2008 10:32:34	DSA1037	0	32283
03-MAY-2008 10:36:11	AlpGru	31	32283
03-MAY-2008 10:38:40	AlpTuc	148	32284
03-MAY-2008 10:41:43	AlpPav	45	32284
03-MAY-2008 10:48:07	AlpTrA	43	32284
03-MAY-2008 10:50:19	BetTrA	134	32284
03-MAY-2008 10:52:19	Alp1Cen	4	32284
03-MAY-2008 10:55:46	AlpLup	78	32284
03-MAY-2008 10:57:18	EtaCen	81	32284
03-MAY-2008 10:59:21	5TheCen	54	32284
03-MAY-2008 11:03:35	46GamHya	169	32284
03-MAY-2008 11:06:53	67AlpVir	15	32284
03-MAY-2008 11:09:59	29GamVir	121	32284
03-MAY-2008 11:13:15	47EpsVir	138	32284
03-MAY-2008 11:15:24	8EtaBoo	111	32284
03-MAY-2008 11:20:56	12Alp2CVn	152	32284
03-MAY-2008 11:24:18	85EtaUMa	39	32284
03-MAY-2008 11:25:42	79ZetUMa	55	32284
03-MAY-2008 11:27:05	48BetUMa	82	32284
03-MAY-2008 11:28:22	50AlpUMa	36	32284

03-MAY-2008 11:31:47	7BetUMi	60	32284
03-MAY-2008 11:35:41	1AlpUMi	49	32284
03-MAY-2008 11:43:40	37DelCas	110	32284
03-MAY-2008 11:45:00	18AlpCas	68	32284
03-MAY-2008 12:10:59	24AlpPsA	18	32284
03-MAY-2008 12:13:10	DSA1037	0	32284
03-MAY-2008 12:16:47	AlpGru	31	32284
03-MAY-2008 12:19:16	AlpTuc	148	32285
03-MAY-2008 12:22:19	AlpPav	45	32285
03-MAY-2008 12:28:44	AlpTrA	43	32285
03-MAY-2008 12:30:55	BetTrA	134	32285
03-MAY-2008 12:32:55	Alp1Cen	4	32285
03-MAY-2008 12:36:22	AlpLup	78	32285
03-MAY-2008 12:37:54	EtaCen	81	32285
03-MAY-2008 12:39:57	5TheCen	54	32285
03-MAY-2008 12:44:12	46GamHya	169	32285
03-MAY-2008 13:16:17	1AlpUMi	49	32285

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_1PNPDE20080503_000049_000000362068_00159_32277_6317.N1	03-MAY-2008 00:00:49	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	32277	No
2	GOM_TRA_1PNPDE20080503_002133_000000432068_00159_32277_6436.N1	03-MAY-2008 00:21:33	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32277	No
3	GOM_TRA_1PNPDE20080503_002645_000000482068_00159_32277_6437.N1	03-MAY-2008 00:26:45	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	32277	No
4	GOM_TRA_1PNPDE20080503_002823_000000412068_00159_32277_6438.N1	03-MAY-2008 00:28:23	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32277	No
5	GOM_TRA_1PNPDE20080503_003233_000000402068_00159_32277_6439.N1	03-MAY-2008 00:32:33	Dark	39.500	31	Alp Gru	1.7340	15200.	79	32277	No
6	GOM_TRA_1PNPDE20080503_003503_000000392068_00160_32278_6440.N1	03-MAY-2008 00:35:03	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32278	No
7	GOM_TRA_1PNPDE20080503_004431_000000392068_00160_32278_6441.N1	03-MAY-2008 00:44:31	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	32278	No
8	GOM_TRA_1PNPDE20080503_004642_000000382068_00160_32278_6442.N1	03-MAY-2008 00:46:42	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	32278	No
9	GOM_TRA_1PNPDE20080503_004843_000000512068_00160_32278_6443.N1	03-MAY-2008 00:48:43	Straylight	51.000	4	Alp1Cen	-0.010000	5800.0	102	32278	No
10	GOM_TRA_1PNPDE20080503_005127_000000372068_00160_32278_6444.N1	03-MAY-2008 00:51:27	Straylight	36.500	77	Eps Cen	2.3030	28000.	73	32278	No
11	GOM_TRA_1PNPDE20080503_005312_000000392068_00160_32278_6445.N1	03-MAY-2008 00:53:12	Straylight	38.500	64	Gam Cen	2.2000	10600.	77	32278	No
12	GOM_TRA_1PNPDE20080503_005545_000000412068_00160_32278_6446.N1	03-MAY-2008 00:55:45	Twilight_stray	40.500	54	5The Cen	2.0550	4500.0	81	32278	No
13	GOM_TRA_1PNPDE20080503_010000_000000372068_00160_32278_6447.N1	03-MAY-2008 01:00:00	Bright	37.000	169	46Gam Hya	2.9910	4700.0	74	32278	No
14	GOM_TRA_1PNPDE20080503_010318_000000382068_00160_32278_6448.N1	03-MAY-2008 01:03:18	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32278	No
15	GOM_TRA_1PNPDE20080503_010624_000000362068_00160_32278_6449.N1	03-MAY-2008 01:06:24	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	32278	No
16	GOM_TRA_1PNPDE20080503_010940_000000352068_00160_32278_6450.N1	03-MAY-2008 01:09:40	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32278	No
17	GOM_TRA_1PNPDE20080503_011721_000000352068_00160_32278_6451.N1	03-MAY-2008 01:17:21	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32278	No
18	GOM_TRA_1PNPDE20080503_012022_000000352068_00160_32278_6452.N1	03-MAY-2008 01:20:22	Bright	35.000	174	52Psi UMa	3.0040	4400.0	70	32278	No
19	GOM_TRA_1PNPDE20080503_012200_000000352068_00160_32278_6453.N1	03-MAY-2008 01:22:00	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	32278	No
20	GOM_TRA_1PNPDE20080503_012328_000000362068_00160_32278_6454.N1	03-MAY-2008 01:23:28	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	32278	No
21	GOM_TRA_1PNPDE20080503_012445_000000382068_00160_32278_6455.N1	03-MAY-2008 01:24:45	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	32278	No
22	GOM_TRA_1PNPDE20080503_013206_000000362068_00160_32278_6456.N1	03-MAY-2008 01:32:06	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32278	No
23	GOM_TRA_1PNPDE20080503_014004_000000522068_00160_32278_6457.N1	03-MAY-2008 01:40:04	Bright	52.000	110	37Del Cas	2.6780	8900.0	104	32278	No
24	GOM_TRA_1PNPDE20080503_014125_000000352068_00160_32278_6458.N1	03-MAY-2008 01:41:25	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	32278	No
25	GOM_TRA_1PNPDE20080503_020209_000000432068_00160_32278_6585.N1	03-MAY-2008 02:02:09	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32278	No
26	GOM_TRA_1PNPDE20080503_020721_000000412068_00160_32278_6586.N1	03-MAY-2008 02:07:21	Dark	40.500	18	24Alp PsA	1.1660	9700.0	81	32278	No
27	GOM_TRA_1PNPDE20080503_020859_000000402068_00160_32278_6587.N1	03-MAY-2008 02:08:59	Dark	40.000	84	Alp Phe	2.3970	4500.0	80	32278	No
28	GOM_TRA_1PNPDE20080503_021309_000000422068_00160_32278_6588.N1	03-MAY-2008 02:13:09	Dark	41.500	31	Alp Gru	1.7340	15200.	83	32278	No
29	GOM_TRA_1PNPDE20080503_021539_000000382068_00161_32279_6589.N1	03-MAY-2008 02:15:39	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	32279	No
30	GOM_TRA_1PNPDE20080503_035918_000000422068_00162_32280_6734.N1	03-MAY-2008 03:59:18	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32280	No
31	GOM_TRA_1PNPDE20080503_040543_000000412068_00162_32280_6735.N1	03-MAY-2008 04:05:43	Straylight	41.000	43	Alp TrA	1.9100	4250.0	82	32280	No
32	GOM_TRA_1PNPDE20080503_040755_000000382068_00162_32280_6736.N1	03-MAY-2008 04:07:55	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32280	No
33	GOM_TRA_1PNPDE20080503_040955_000000502068_00162_32280_6737.N1	03-MAY-2008 04:09:55	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	32280	No
34	GOM_TRA_1PNPDE20080503_041322_000000402068_00162_32280_6738.N1	03-MAY-2008 04:13:22	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	32280	No
35	GOM_TRA_1PNPDE20080503_041454_000000402068_00162_32280_6739.N1	03-MAY-2008 04:14:54	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	32280	No
36	GOM_TRA_1PNPDE20080503_041658_000000432068_00162_32280_6740.N1	03-MAY-2008 04:16:58	Twilight_stray	43.000	54	5The Cen	2.0550	4500.0	86	32280	No
37	GOM_TRA_1PNPDE20080503_042112_000000382068_00162_32280_6741.N1	03-MAY-2008 04:21:12	Bright	38.000	169	46Gam Hya	2.9910	4700.0	76	32280	No

38	GOM_TRA_1PNPDE20080503_042430_000000392068_00162_32280_6742.N1	03-MAY-2008 04:24:30	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	32280	No
39	GOM_TRA_1PNPDE20080503_042736_000000362068_00162_32280_6743.N1	03-MAY-2008 04:27:36	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	32280	No
40	GOM_TRA_1PNPDE20080503_043052_000000352068_00162_32280_6744.N1	03-MAY-2008 04:30:52	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32280	No
41	GOM_TRA_1PNPDE20080503_043302_000000372068_00162_32280_6745.N1	03-MAY-2008 04:33:02	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	32280	No
42	GOM_TRA_1PNPDE20080503_043833_000000352068_00162_32280_6746.N1	03-MAY-2008 04:38:33	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32280	No
43	GOM_TRA_1PNPDE20080503_044156_000000372068_00162_32280_6747.N1	03-MAY-2008 04:41:56	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	32280	No
44	GOM_TRA_1PNPDE20080503_044320_000000362068_00162_32280_6748.N1	03-MAY-2008 04:43:20	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32280	No
45	GOM_TRA_1PNPDE20080503_044441_000000372068_00162_32280_6749.N1	03-MAY-2008 04:44:41	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	32280	No
46	GOM_TRA_1PNPDE20080503_044558_000000382068_00162_32280_6750.N1	03-MAY-2008 04:45:58	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	32280	No
47	GOM_TRA_1PNPDE20080503_044925_000000392068_00162_32280_6751.N1	03-MAY-2008 04:49:25	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32280	No
48	GOM_TRA_1PNPDE20080503_045318_000000352068_00162_32280_6752.N1	03-MAY-2008 04:53:18	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32280	No
49	GOM_TRA_1PNPDE20080503_205557_000000452068_00172_32290_6866.N1	03-MAY-2008 20:55:57	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	32290	No
50	GOM_TRA_1PNPDE20080503_205925_000000402068_00172_32290_6867.N1	03-MAY-2008 20:59:25	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	32290	No
51	GOM_TRA_1PNPDE20080503_210057_000000382068_00172_32290_6868.N1	03-MAY-2008 21:00:57	Straylight	38.000	81	Eta Cen	2.3560	28000.	76	32290	No
52	GOM_TRA_1PNPDE20080503_210259_000000432068_00172_32290_6869.N1	03-MAY-2008 21:02:59	Twilight_stray	43.000	54	5The Cen	2.0550	4500.0	86	32290	No
53	GOM_TRA_1PNPDE20080503_210713_000000382068_00172_32290_6870.N1	03-MAY-2008 21:07:13	Bright	37.500	169	46Gam Hya	2.9910	4700.0	75	32290	No
54	GOM_TRA_1PNPDE20080503_211031_000000372068_00172_32290_6871.N1	03-MAY-2008 21:10:31	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32290	No
55	GOM_TRA_1PNPDE20080503_211337_000000362068_00172_32290_6872.N1	03-MAY-2008 21:13:37	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	32290	No
56	GOM_TRA_1PNPDE20080503_211652_000000352068_00172_32290_6873.N1	03-MAY-2008 21:16:52	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32290	No
57	GOM_TRA_1PNPDE20080503_211900_000000372068_00172_32290_6874.N1	03-MAY-2008 21:19:00	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	32290	No
58	GOM_TRA_1PNPDE20080503_212433_000000342068_00172_32290_6875.N1	03-MAY-2008 21:24:33	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32290	No
59	GOM_TRA_1PNPDE20080503_212754_000000362068_00172_32290_6876.N1	03-MAY-2008 21:27:54	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32290	No
60	GOM_TRA_1PNPDE20080503_212918_000000482068_00172_32290_6877.N1	03-MAY-2008 21:29:18	Bright	47.500	55	79Zet UMa	2.0600	10200.	95	32290	No
61	GOM_TRA_1PNPDE20080503_213044_000000372068_00172_32290_6878.N1	03-MAY-2008 21:30:44	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	32290	No
62	GOM_TRA_1PNPDE20080503_213200_000000372068_00172_32290_6879.N1	03-MAY-2008 21:32:00	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	32290	No
63	GOM_TRA_1PNPDE20080503_213523_000000382068_00172_32290_6880.N1	03-MAY-2008 21:35:23	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32290	No
64	GOM_TRA_1PNPDE20080503_213918_000000352068_00172_32290_6881.N1	03-MAY-2008 21:39:18	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32290	No
65	GOM_TRA_1PNPDE20080503_214718_000000462068_00172_32290_6882.N1	03-MAY-2008 21:47:18	Bright	45.500	110	37Del Cas	2.6780	8900.0	91	32290	No
66	GOM_TRA_1PNPDE20080503_214837_000000332068_00172_32290_6883.N1	03-MAY-2008 21:48:37	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	32290	No
67	GOM_TRA_1PNPDE20080503_220922_000000422068_00172_32290_6861.N1	03-MAY-2008 22:09:22	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32290	No
68	GOM_TRA_1PNPDE20080503_221439_000000422068_00172_32290_6862.N1	03-MAY-2008 22:14:39	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	32290	No
69	GOM_TRA_1PNPDE20080503_222028_000000402068_00172_32290_6863.N1	03-MAY-2008 22:20:28	Dark	40.000	31	Alp Gru	1.7340	15200.	80	32290	No
70	GOM_TRA_1PNPDE20080503_222255_000000422068_00173_32291_6864.N1	03-MAY-2008 22:22:55	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	32291	No
71	GOM_TRA_1PNPDE20080503_222600_000000402068_00173_32291_6865.N1	03-MAY-2008 22:26:00	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32291	No
72	GOM_TRA_1PNPDE20080503_223222_000000392068_00173_32291_6866.N1	03-MAY-2008 22:32:22	Straylight	38.500	43	Alp TrA	1.9100	4250.0	77	32291	No
73	GOM_TRA_1PNPDE20080503_223434_000000382068_00173_32291_6867.N1	03-MAY-2008 22:34:34	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	32291	No
74	GOM_TRA_1PNPDE20080503_223633_000000432068_00173_32291_6868.N1	03-MAY-2008 22:36:33	Straylight	43.000	4	Alp1Cen	-0.010000	5800.0	86	32291	No
75	GOM_TRA_1PNPDE20080503_224001_000000372068_00173_32291_6869.N1	03-MAY-2008 22:40:01	Straylight	37.000	78	Alp Lup	2.3040	28000.	74	32291	No
76	GOM_TRA_1PNPDE20080503_224133_000000402068_00173_32291_6870.N1	03-MAY-2008 22:41:33	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32291	No
77	GOM_TRA_1PNPDE20080503_224335_000000432068_00173_32291_6871.N1	03-MAY-2008 22:43:35	Twilight_stray	42.500	54	5The Cen	2.0550	4500.0	85	32291	No
78	GOM_TRA_1PNPDE20080503_224749_000000382068_00173_32291_6872.N1	03-MAY-2008 22:47:49	Bright	37.500	169	46Gam Hya	2.9910	4700.0	75	32291	No
79	GOM_TRA_1PNPDE20080503_225107_000000392068_00173_32291_6873.N1	03-MAY-2008 22:51:07	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	32291	No
80	GOM_TRA_1PNPDE20080503_225413_000000362068_00173_32291_6874.N1	03-MAY-2008 22:54:13	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	32291	No
81	GOM_TRA_1PNPDE20080503_225728_000000352068_00173_32291_6875.N1	03-MAY-2008 22:57:28	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32291	No
82	GOM_TRA_1PNPDE20080503_225936_000000372068_00173_32291_6876.N1	03-MAY-2008 22:59:36	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	32291	No
83	GOM_TRA_1PNPDE20080503_230509_000000342068_00173_32291_6877.N1	03-MAY-2008 23:05:09	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32291	No
84	GOM_TRA_1PNPDE20080503_230830_000000342068_00173_32291_6878.N1	03-MAY-2008 23:08:30	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	32291	No
85	GOM_TRA_1PNPDE20080503_230954_000000342068_00173_32291_6879.N1	03-MAY-2008 23:09:54	Bright	33.500	55	79Zet UMa	2.0600	10200.	67	32291	No
86	GOM_TRA_1PNPDE20080503_231120_000000402068_00173_32291_6880.N1	03-MAY-2008 23:11:20	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	32291	No
87	GOM_TRA_1PNPDE20080503_231236_000000372068_00173_32291_6881.N1	03-MAY-2008 23:12:36	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	32291	No
88	GOM_TRA_1PNPDE20080503_231558_000000392068_00173_32291_6882.N1	03-MAY-2008 23:15:58	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32291	No
89	GOM_TRA_1PNPDE20080503_231954_000000352068_00173_32291_6883.N1	03-MAY-2008 23:19:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32291	No
90	GOM_TRA_1PNPDE20080503_232754_000000342068_00173_32291_6884.N1	03-MAY-2008 23:27:54	Bright	34.000	110	37Del Cas	2.6780	8900.0	68	32291	No
91	GOM_TRA_1PNPDE20080503_232913_000000342068_00173_32291_6885.N1	03-MAY-2008 23:29:13	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32291	No
92	GOM_TRA_1PNPDE20080503_234958_000000412068_00173_32291_6886.N1	03-MAY-2008 23:49:58	Dark	40.500	52	16Bet Cet	2.0370	4500.0	81	32291	No



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).

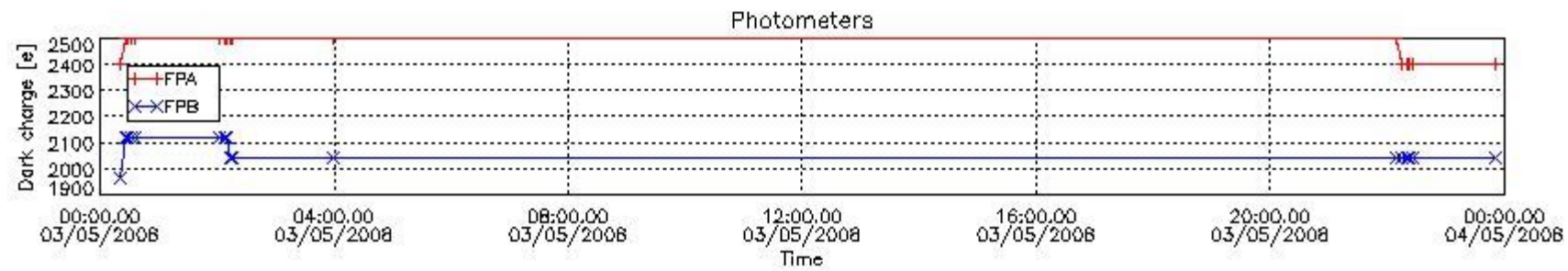
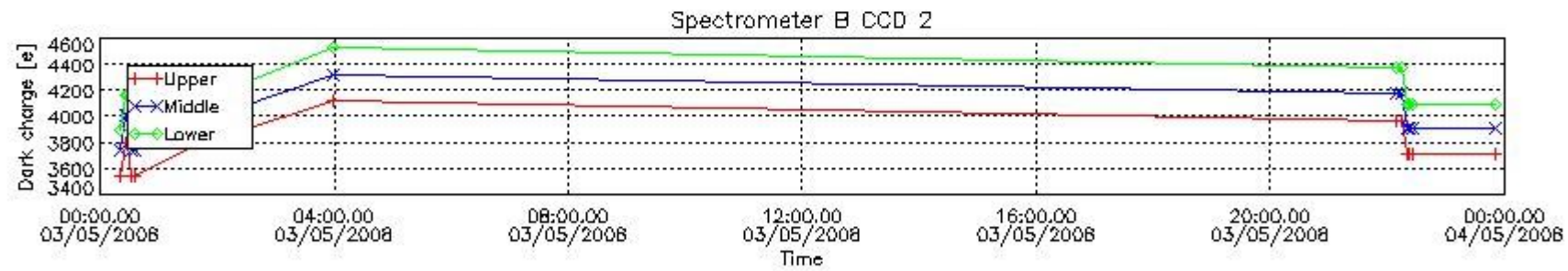
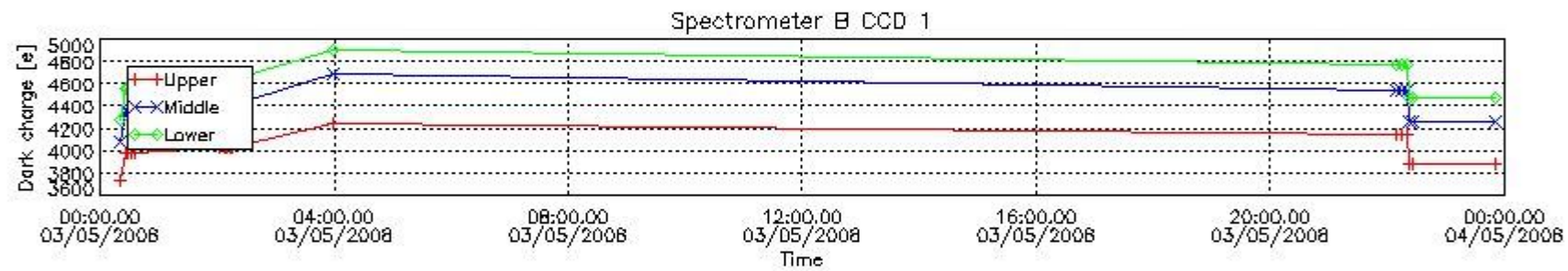
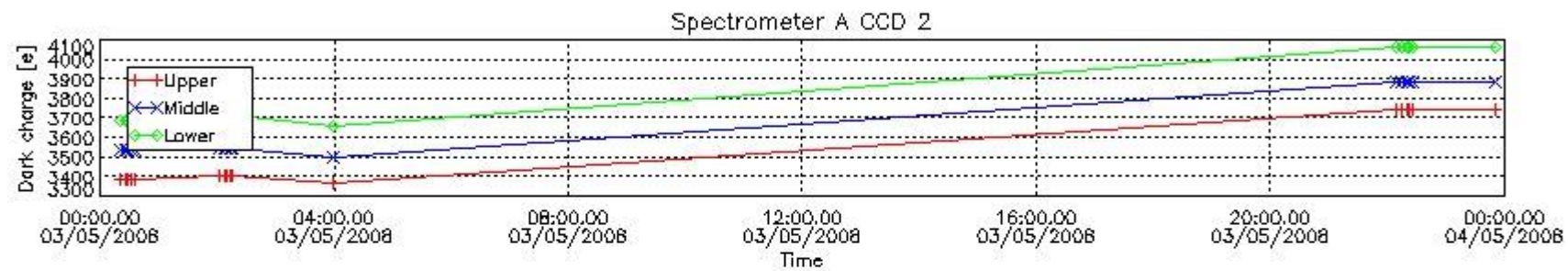
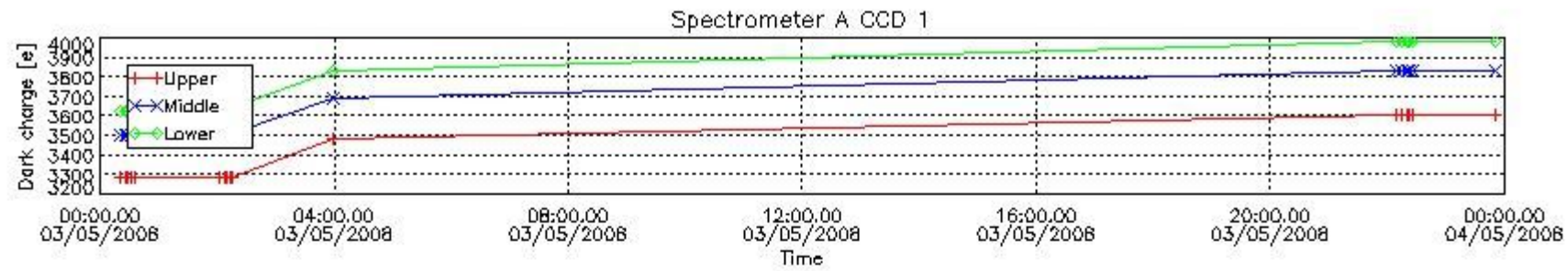
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20080503_035918_000000422068_00162_32280_6734.N1	DC map used
GOM_TRA_1PNPDE20080503_040543_000000412068_00162_32280_6735.N1	DC map used
GOM_TRA_1PNPDE20080503_040755_000000382068_00162_32280_6736.N1	DC map used
GOM_TRA_1PNPDE20080503_040955_000000502068_00162_32280_6737.N1	DC map used
GOM_TRA_1PNPDE20080503_041322_000000402068_00162_32280_6738.N1	DC map used
GOM_TRA_1PNPDE20080503_041454_000000402068_00162_32280_6739.N1	DC map used
GOM_TRA_1PNPDE20080503_041658_000000432068_00162_32280_6740.N1	DC map used
GOM_TRA_1PNPDE20080503_042112_000000382068_00162_32280_6741.N1	DC map used
GOM_TRA_1PNPDE20080503_042430_000000392068_00162_32280_6742.N1	DC map used
GOM_TRA_1PNPDE20080503_042736_000000362068_00162_32280_6743.N1	DC map used
GOM_TRA_1PNPDE20080503_043052_000000352068_00162_32280_6744.N1	DC map used
GOM_TRA_1PNPDE20080503_043302_000000372068_00162_32280_6745.N1	DC map used
GOM_TRA_1PNPDE20080503_043833_000000352068_00162_32280_6746.N1	DC map used
GOM_TRA_1PNPDE20080503_044156_000000372068_00162_32280_6747.N1	DC map used

GOM_TRA_1PNPDE20080503_044320_000000362068_00162_32280_6748.N1	DC map used
GOM_TRA_1PNPDE20080503_044441_000000372068_00162_32280_6749.N1	DC map used
GOM_TRA_1PNPDE20080503_044558_000000382068_00162_32280_6750.N1	DC map used
GOM_TRA_1PNPDE20080503_044925_000000392068_00162_32280_6751.N1	DC map used
GOM_TRA_1PNPDE20080503_045318_000000352068_00162_32280_6752.N1	DC map used
GOM_TRA_1PNPDE20080503_205557_000000452068_00172_32290_6866.N1	DC map used
GOM_TRA_1PNPDE20080503_205925_000000402068_00172_32290_6867.N1	DC map used
GOM_TRA_1PNPDE20080503_210057_000000382068_00172_32290_6868.N1	DC map used
GOM_TRA_1PNPDE20080503_210259_000000432068_00172_32290_6869.N1	DC map used
GOM_TRA_1PNPDE20080503_210713_000000382068_00172_32290_6870.N1	DC map used
GOM_TRA_1PNPDE20080503_211031_000000372068_00172_32290_6871.N1	DC map used
GOM_TRA_1PNPDE20080503_211337_000000362068_00172_32290_6872.N1	DC map used
GOM_TRA_1PNPDE20080503_211652_000000352068_00172_32290_6873.N1	DC map used
GOM_TRA_1PNPDE20080503_211900_000000372068_00172_32290_6874.N1	DC map used
GOM_TRA_1PNPDE20080503_212433_000000342068_00172_32290_6875.N1	DC map used
GOM_TRA_1PNPDE20080503_212754_000000362068_00172_32290_6876.N1	DC map used
GOM_TRA_1PNPDE20080503_212918_000000482068_00172_32290_6877.N1	DC map used
GOM_TRA_1PNPDE20080503_213044_000000372068_00172_32290_6878.N1	DC map used
GOM_TRA_1PNPDE20080503_213200_000000372068_00172_32290_6879.N1	DC map used
GOM_TRA_1PNPDE20080503_213523_000000382068_00172_32290_6880.N1	DC map used
GOM_TRA_1PNPDE20080503_213918_000000352068_00172_32290_6881.N1	DC map used
GOM_TRA_1PNPDE20080503_214718_000000462068_00172_32290_6882.N1	DC map used
GOM_TRA_1PNPDE20080503_214837_000000332068_00172_32290_6883.N1	DC map used

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



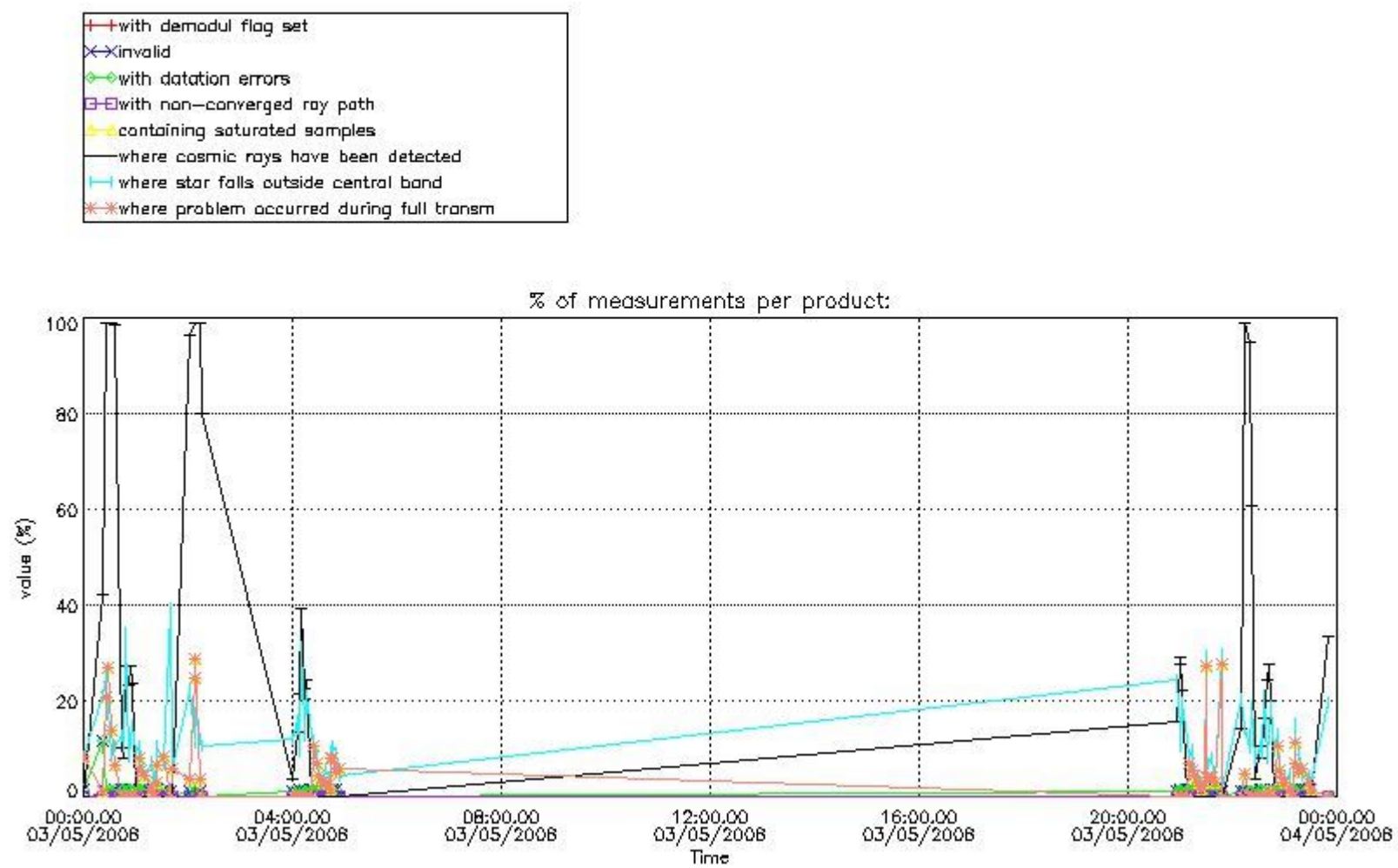
5. Demodulation flag and quality information monitoring

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.

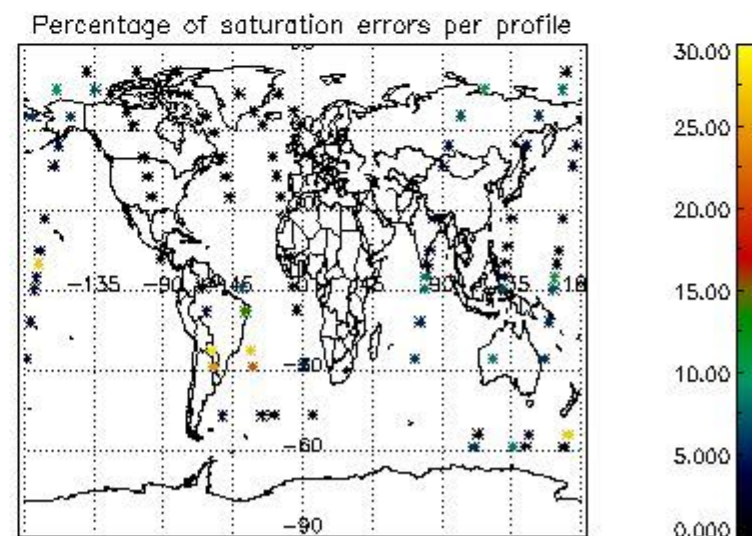
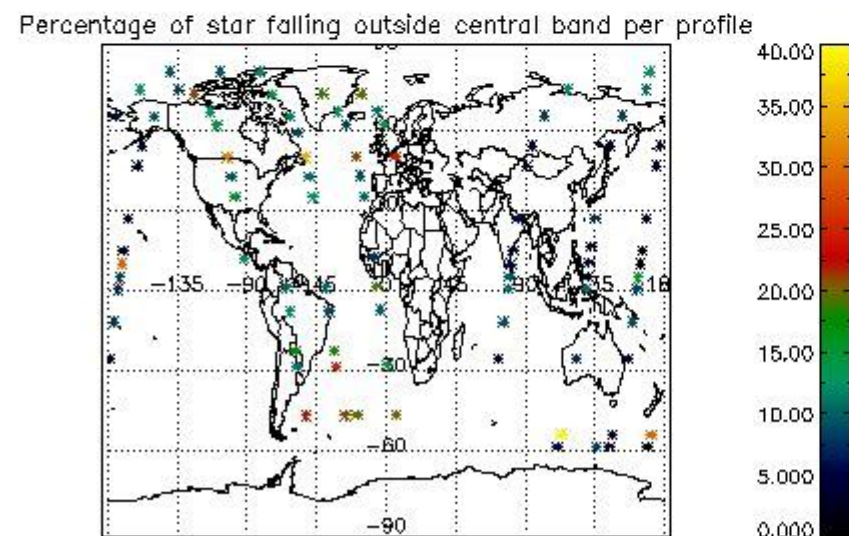
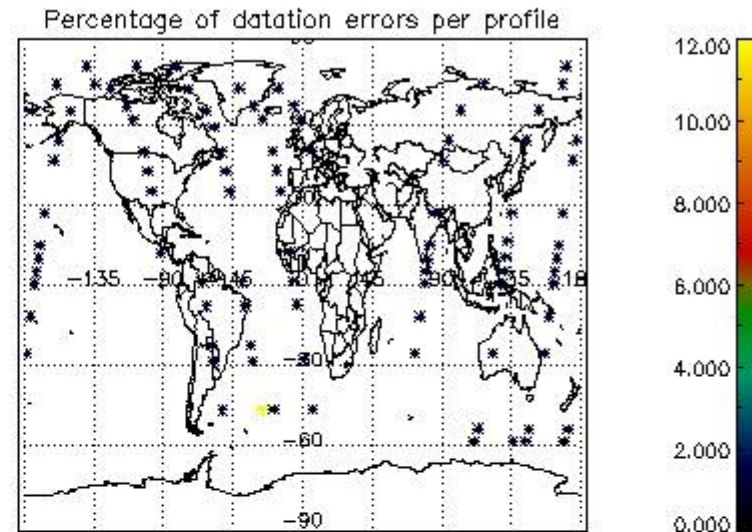
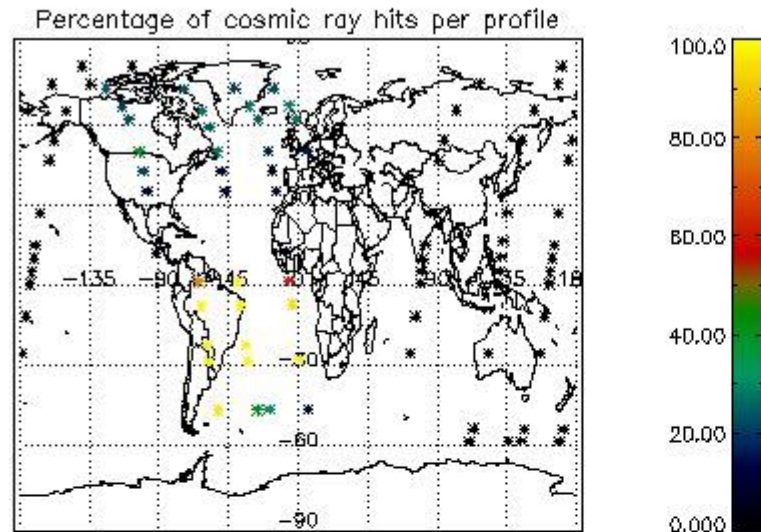
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	26.0870 %
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)



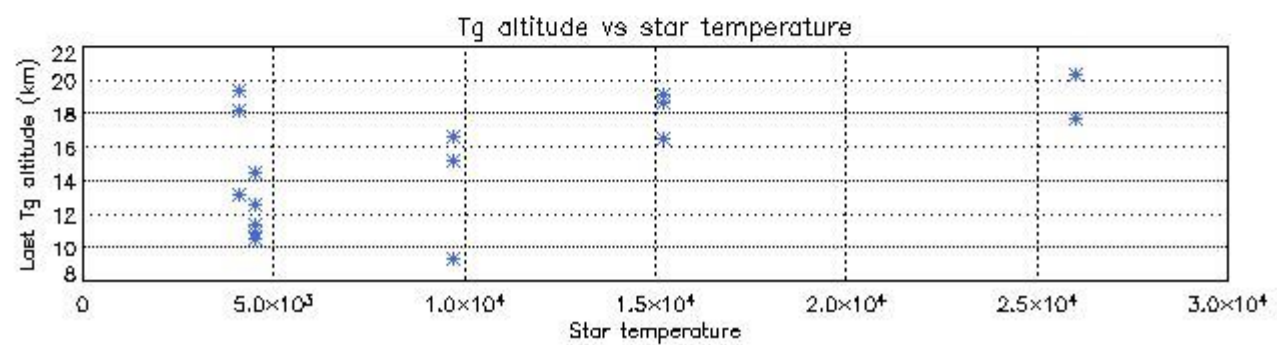
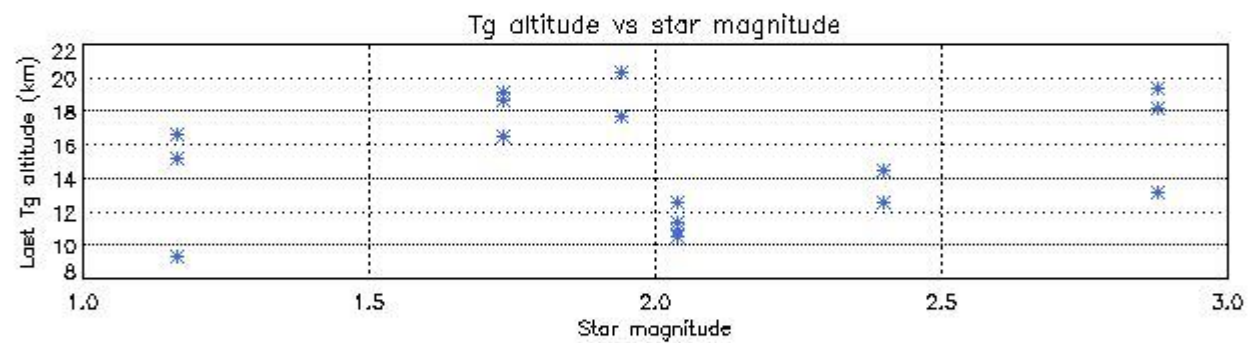
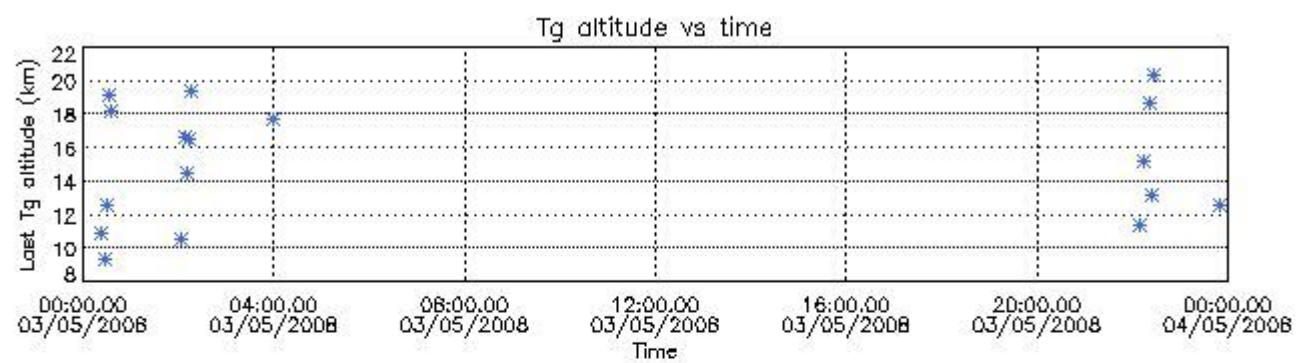
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.087	20.223	NaN
St. deviation:	3.5091	4.3766	NaN
Maximum:	20.327	28.414	NaN
Minimum:	9.3130	3.5083	NaN
Number of data:	17.000	53.000	NaN

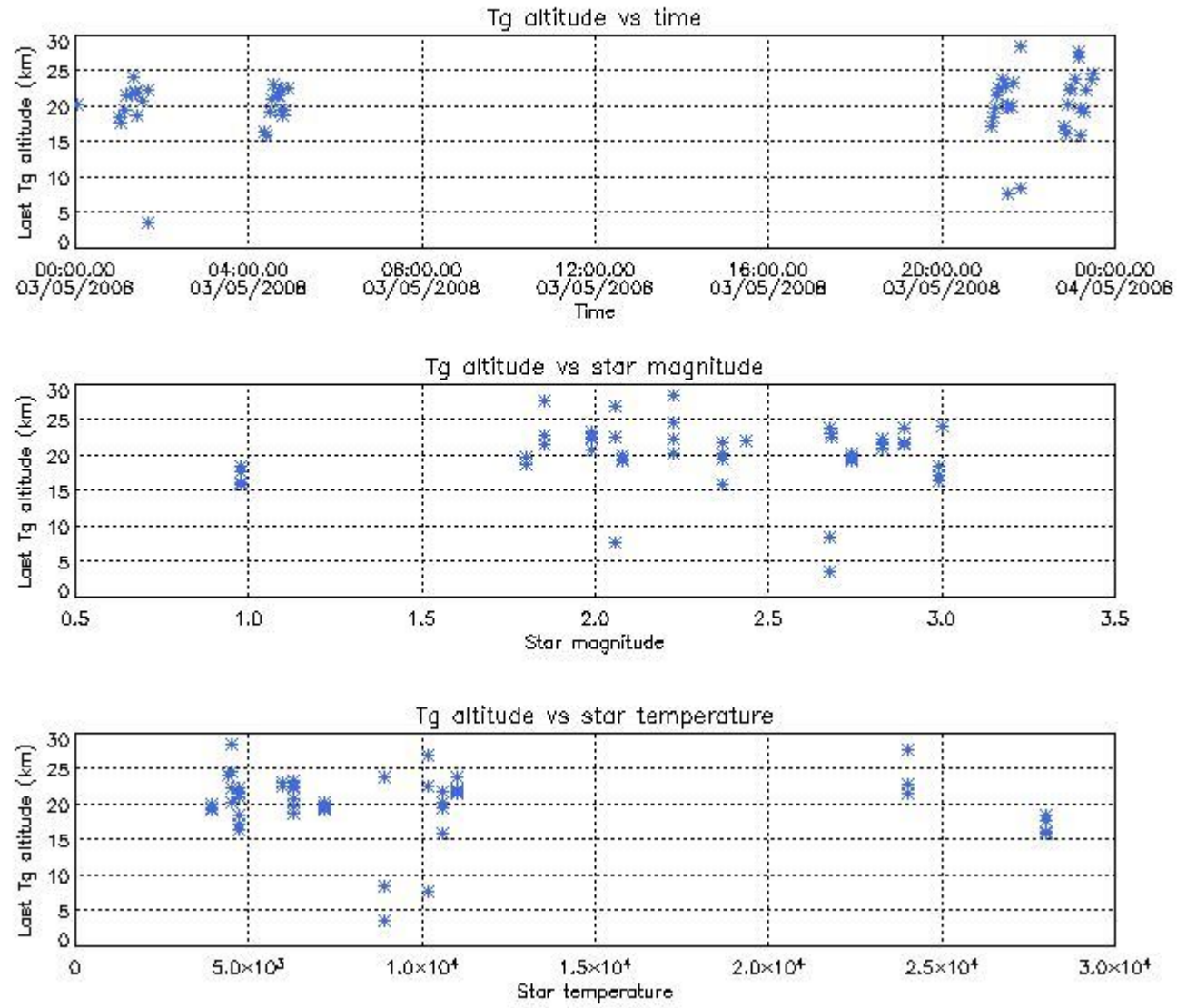
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

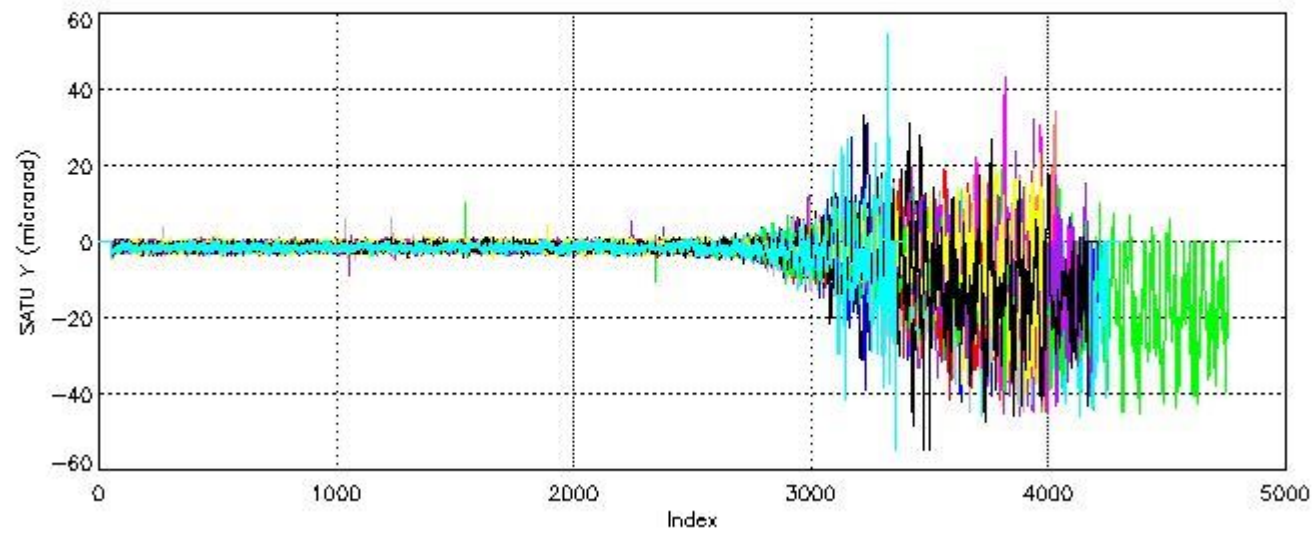
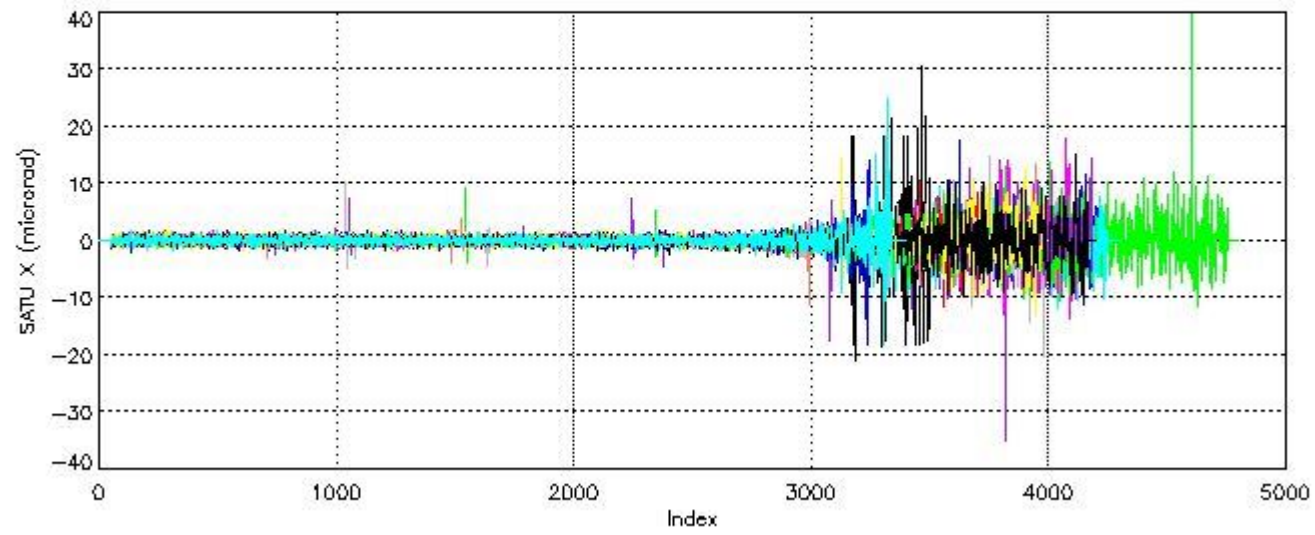


7. Star Acquisition and Tracking Unit (SATU)

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:	-0.00064941	-1.3038	0.029135	-1.3599
St. deviation:	0.42637	0.88785	0.80217	1.2437
Maximum:	2.4000	3.5000	6.1000	5.6000
Minimum:	-3.2000	-5.3000	-5.8000	-9.1000

Number of data:	14950.	14950.	43550.	43550.
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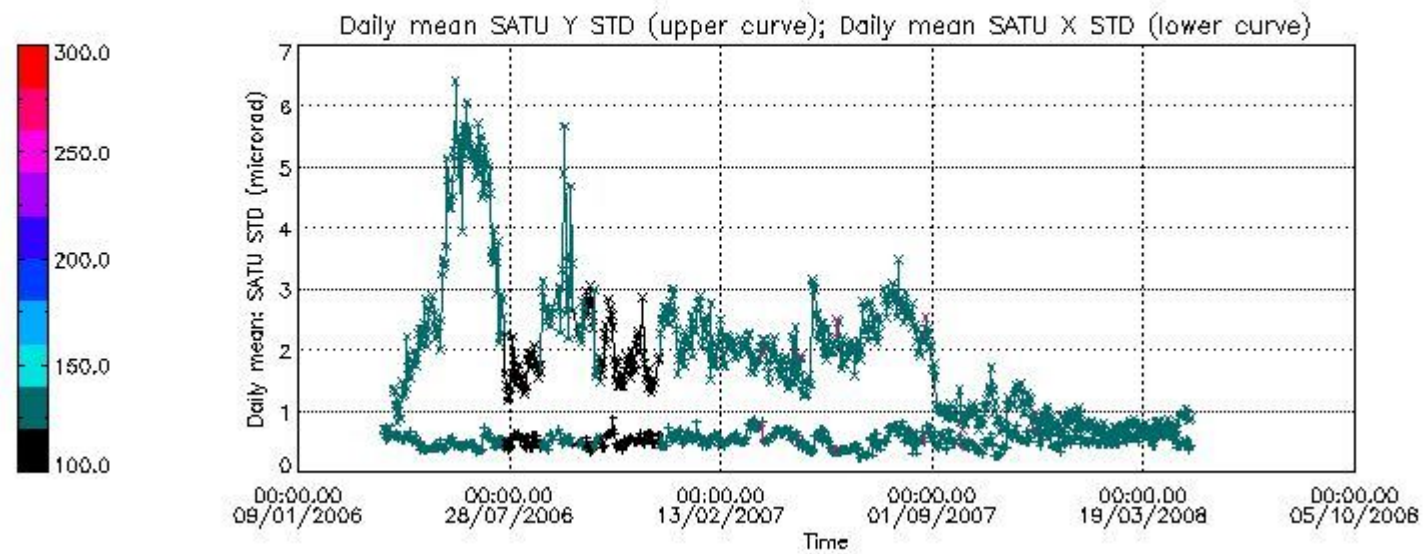
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

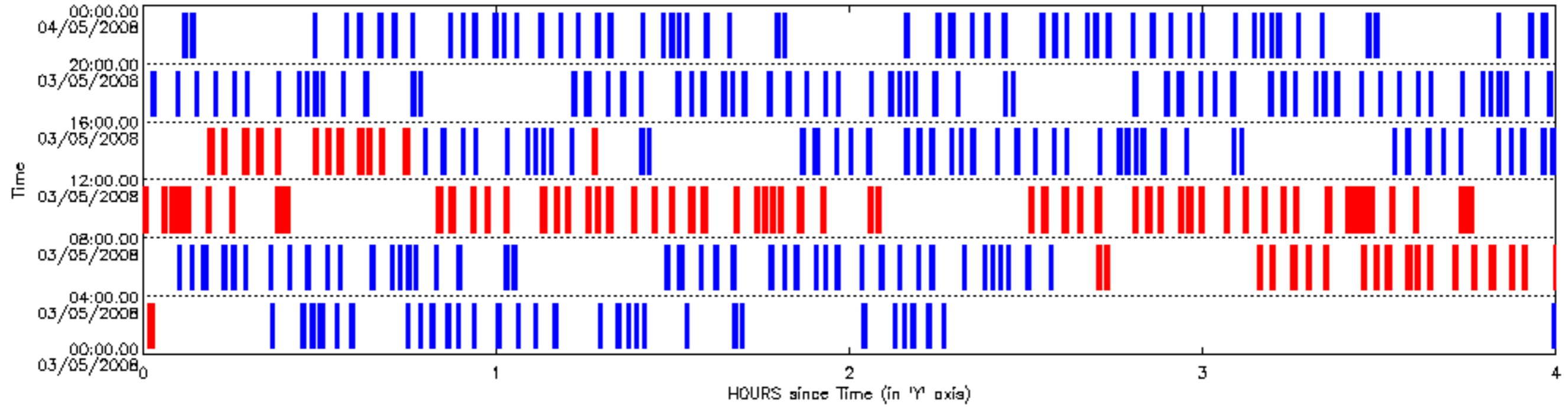
Lower curve: STD of SATU X axis

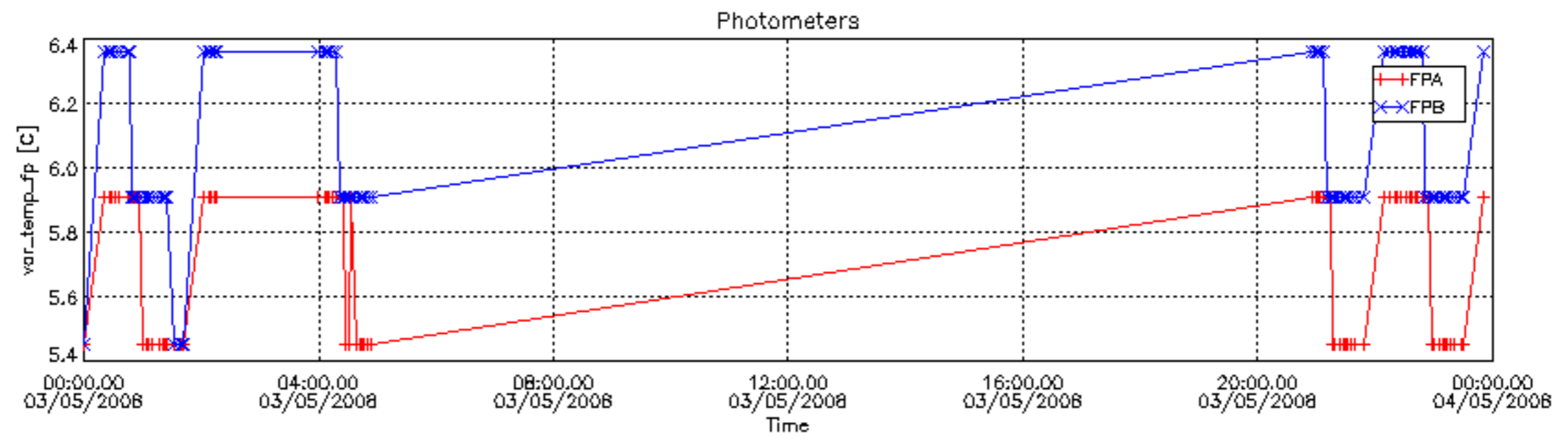
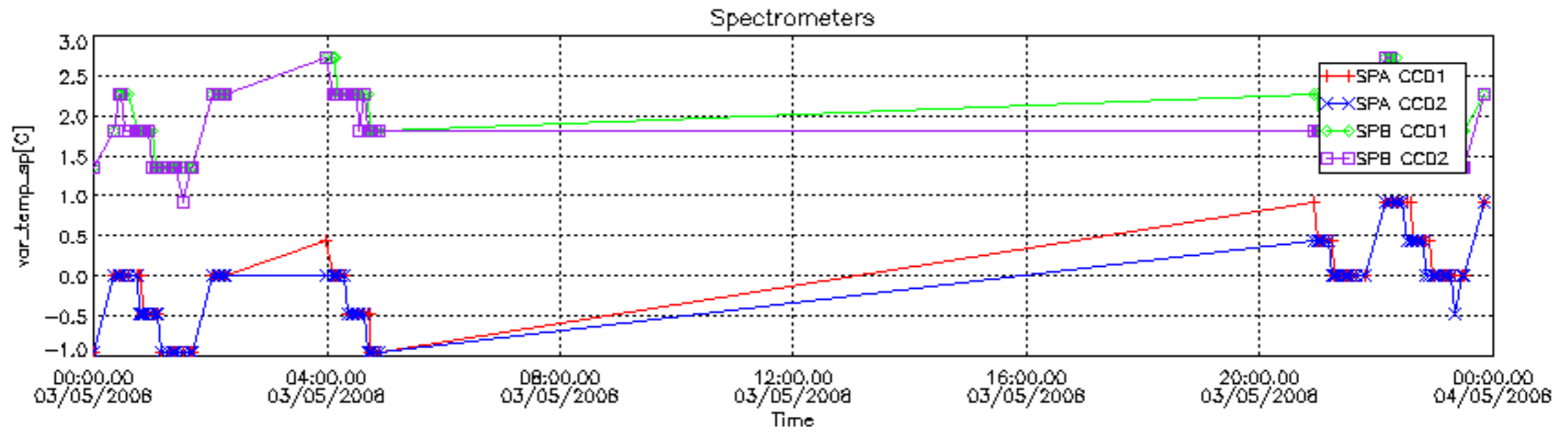


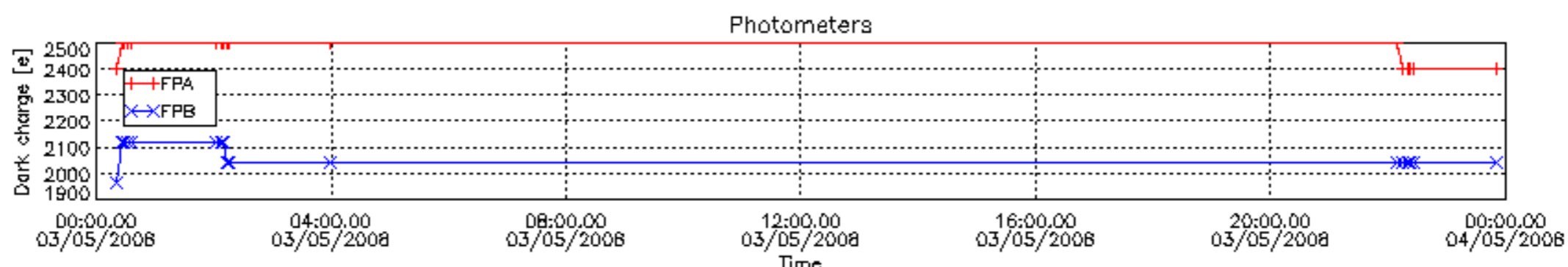
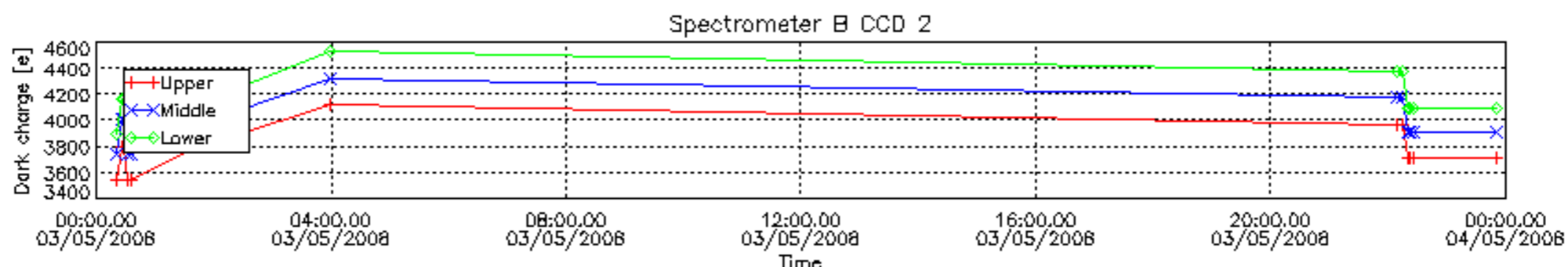
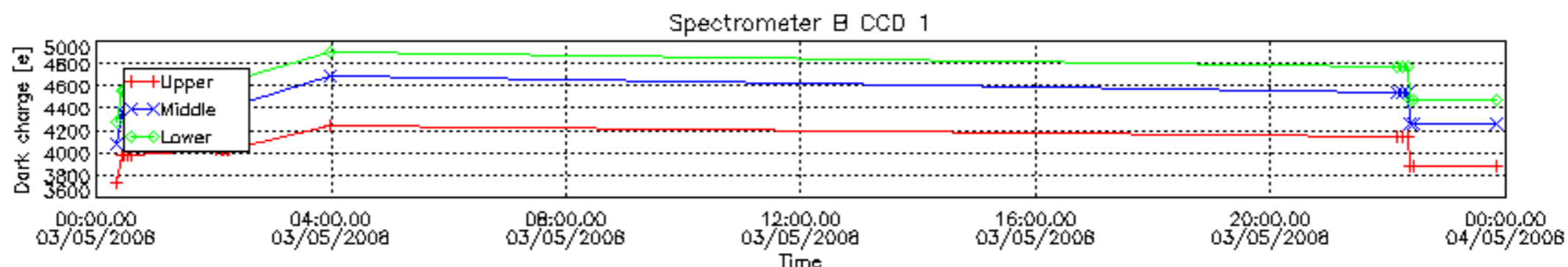
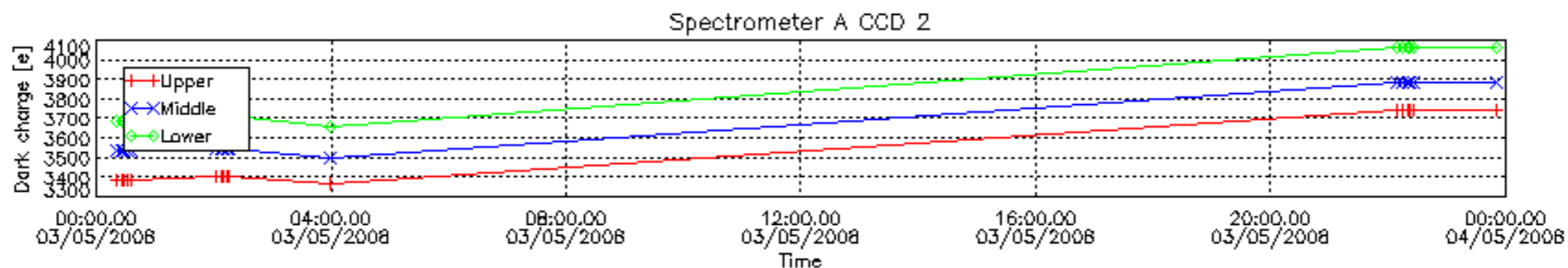
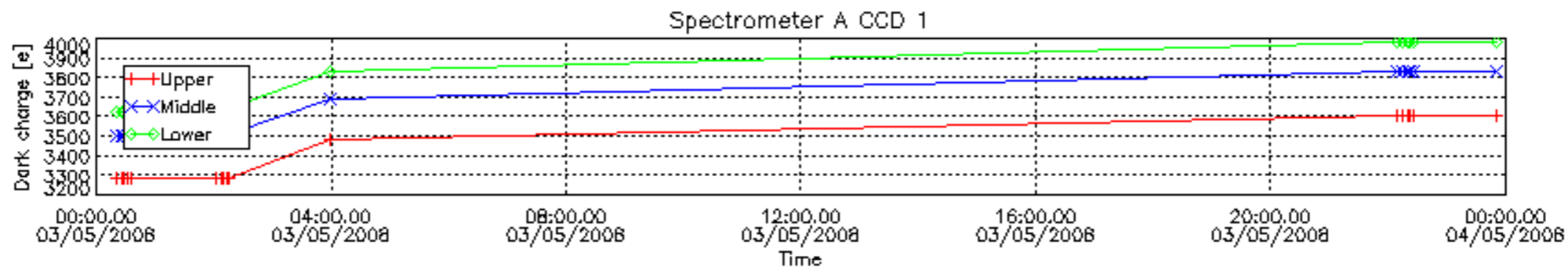
8. Auxiliary Data Files used for the production reported in section 2.4

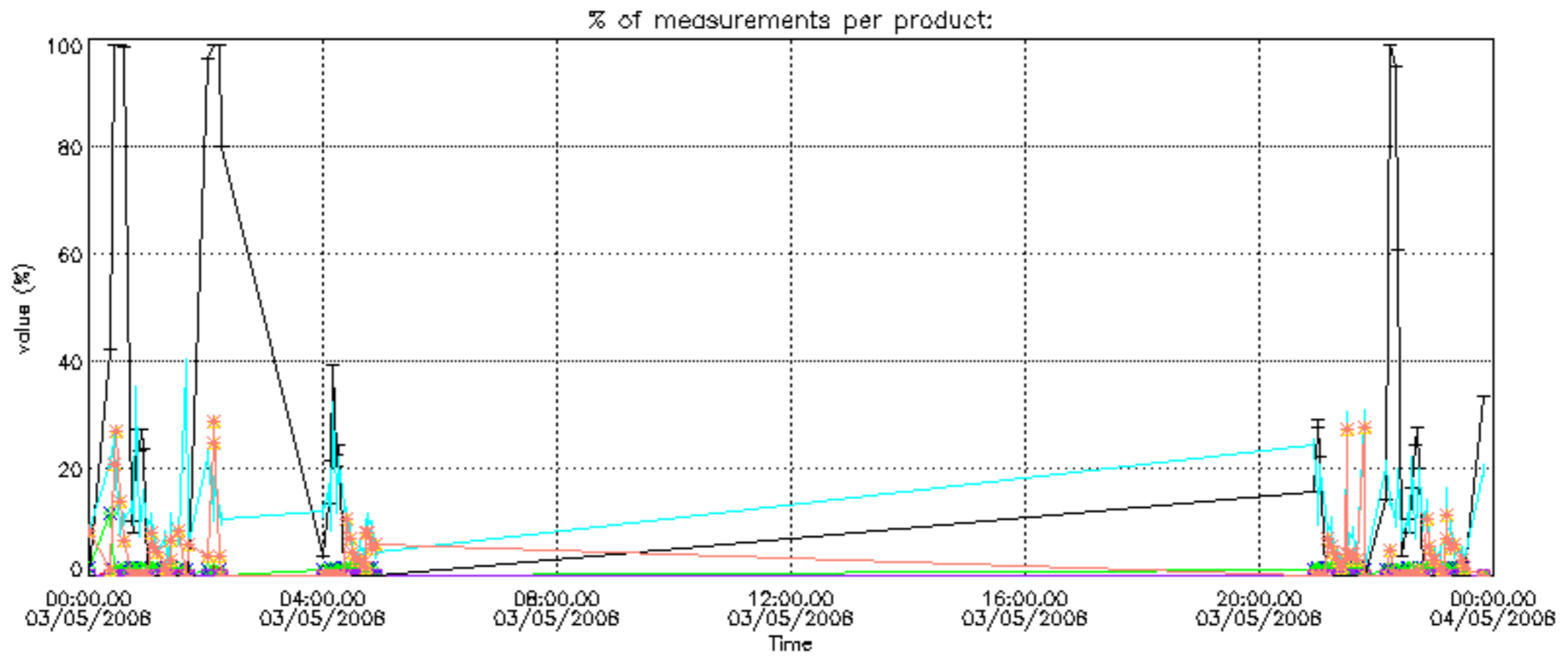
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	03-MAY-2008 00:00:49
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20080502_144908_20080430_000000_20100101_000000	1	03-MAY-2008 00:00:49
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	03-MAY-2008 00:00:49
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	03-MAY-2008 00:00:49
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	03-MAY-2008 00:00:49
ECMWF_FILE	AUX_ECF_AXNECM20080502_072112_20080502_210000_20080503_090000	1	03-MAY-2008 00:00:49
ECMWF_FILE	AUX_ECF_AXNECM20080504_193516_20080503_150000_20080504_030000	49	03-MAY-2008 20:55:57
ECMWF_FILE	AUX_ECF_AXNECM20080504_193517_20080503_210000_20080504_090000	67	03-MAY-2008 22:09:22
OPTIONAL_ECMWF_FILE	MISSING	1	03-MAY-2008 00:00:49
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080502_205204_000060572068_00157_32275_5451.N1	1	03-MAY-2008 00:00:49
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080502_223820_000057382068_00158_32276_5452.N1	2	03-MAY-2008 00:21:33
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080503_001917_000054192068_00159_32277_5453.N1	25	03-MAY-2008 02:02:09
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080503_015455_000041442068_00160_32278_5454.N1	30	03-MAY-2008 03:59:18
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080503_205157_000041442068_00172_32290_5457.N1	49	03-MAY-2008 20:55:57
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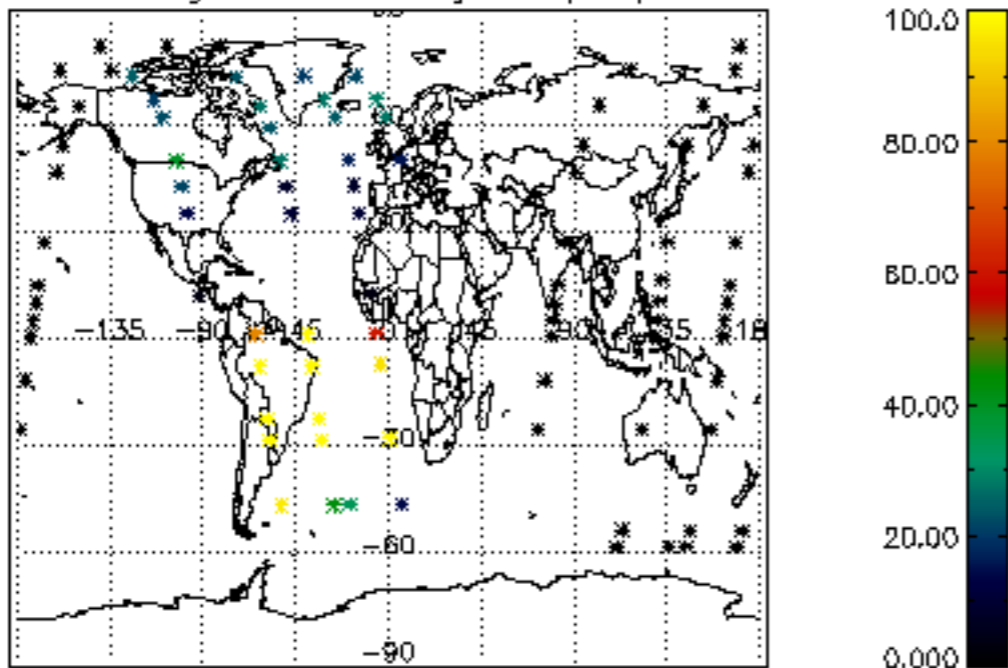




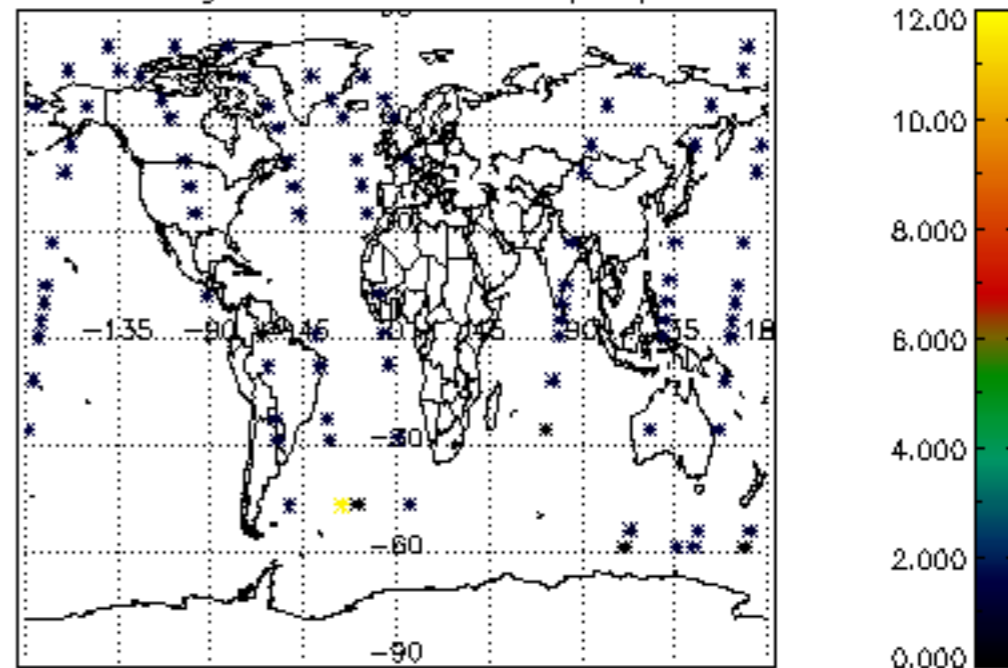




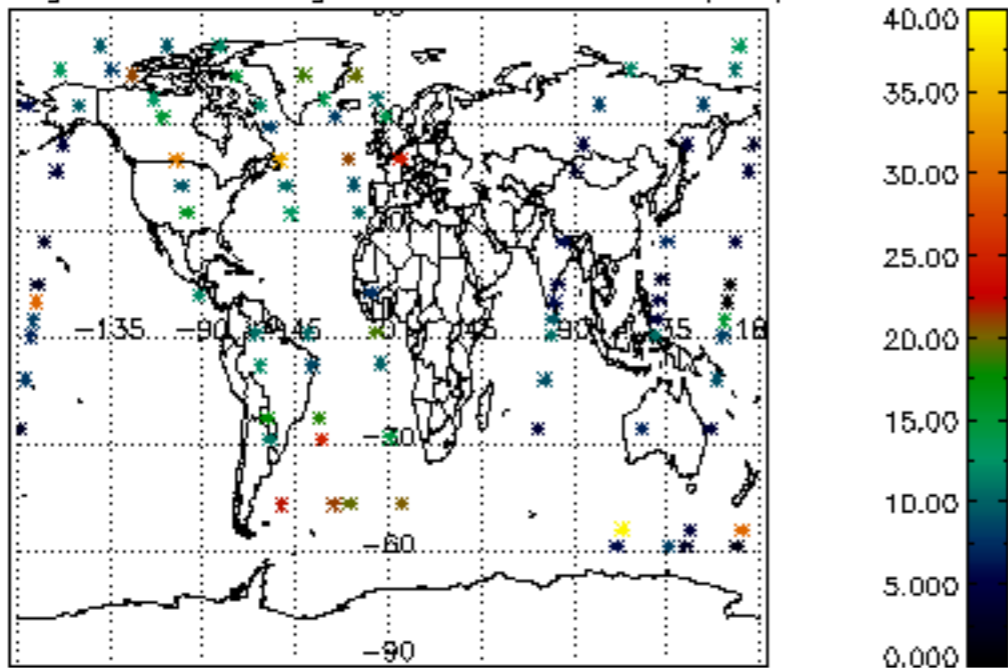
Percentage of cosmic ray hits per profile



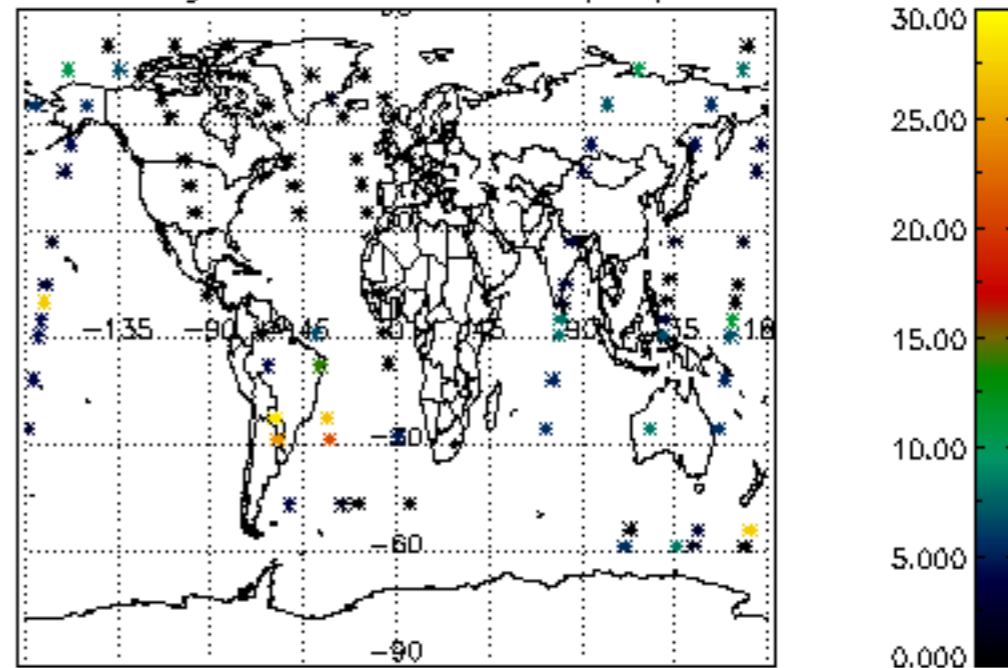
Percentage of datation errors per profile



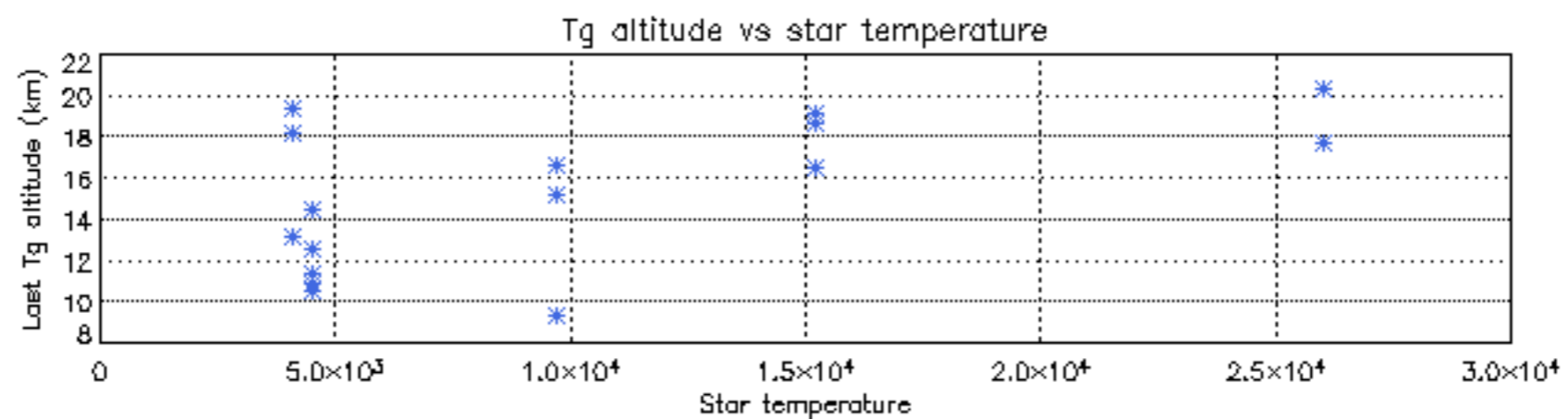
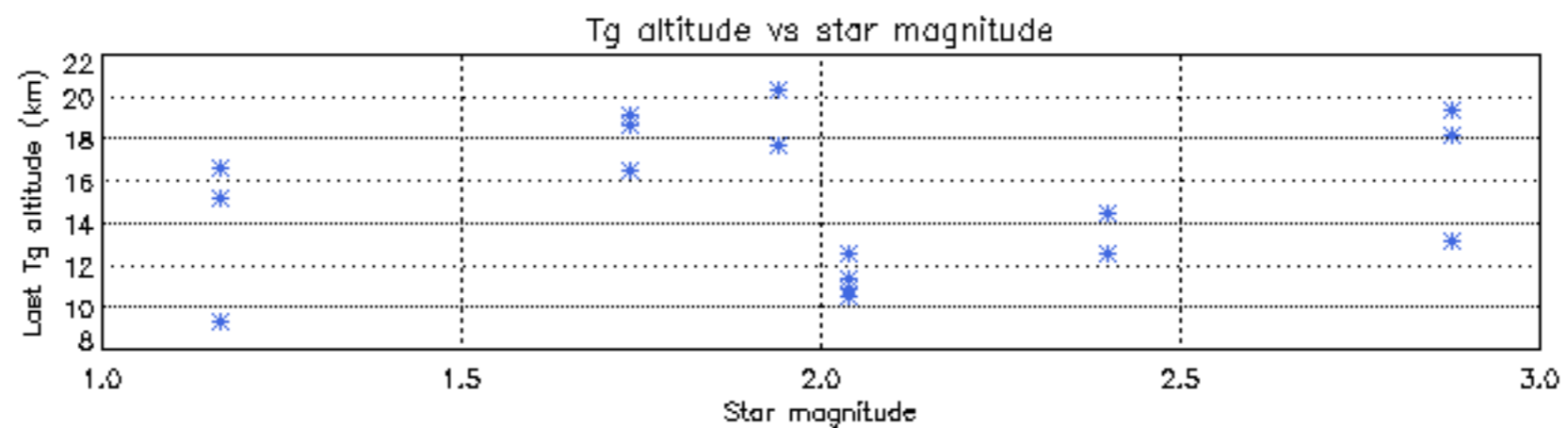
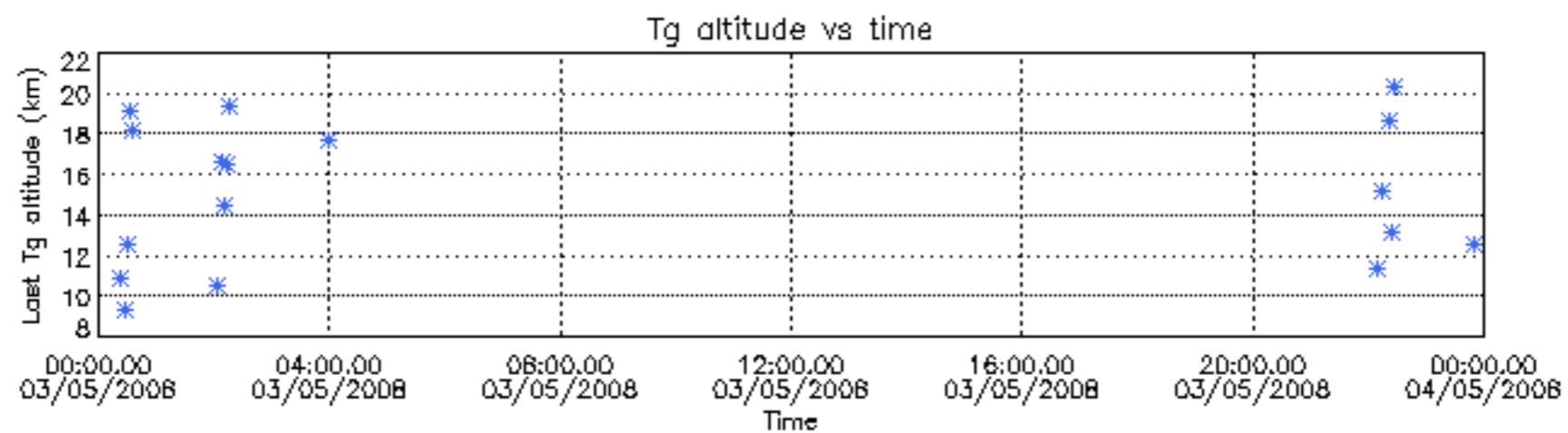
Percentage of star falling outside central band per profile



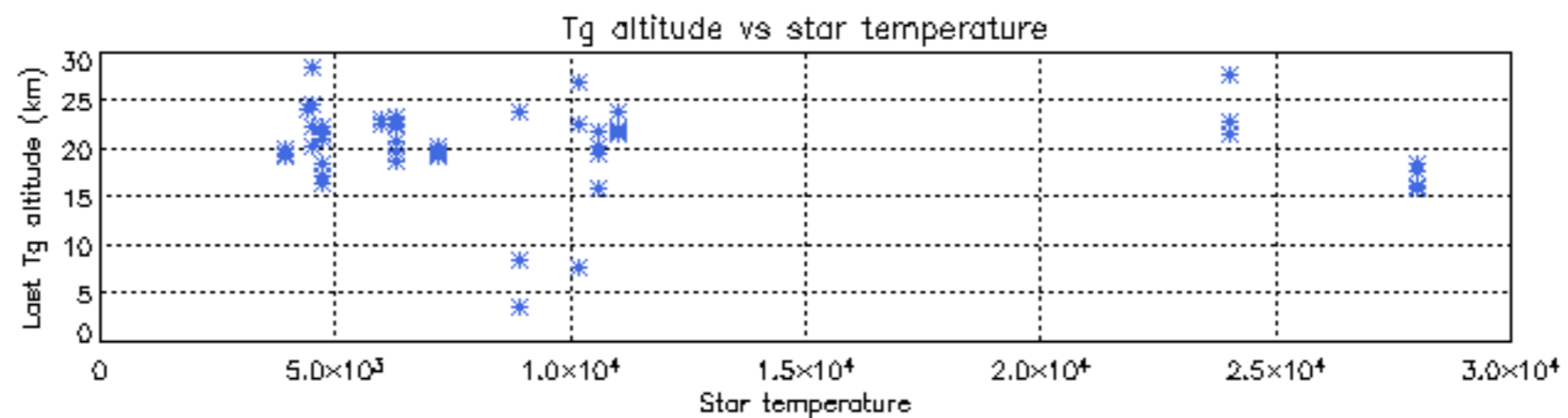
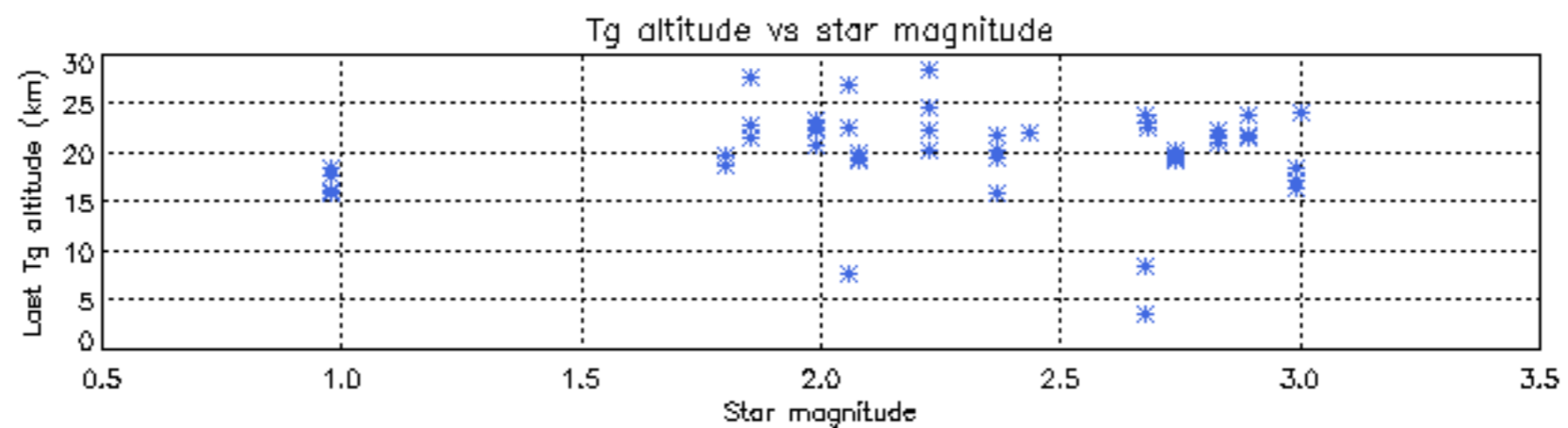
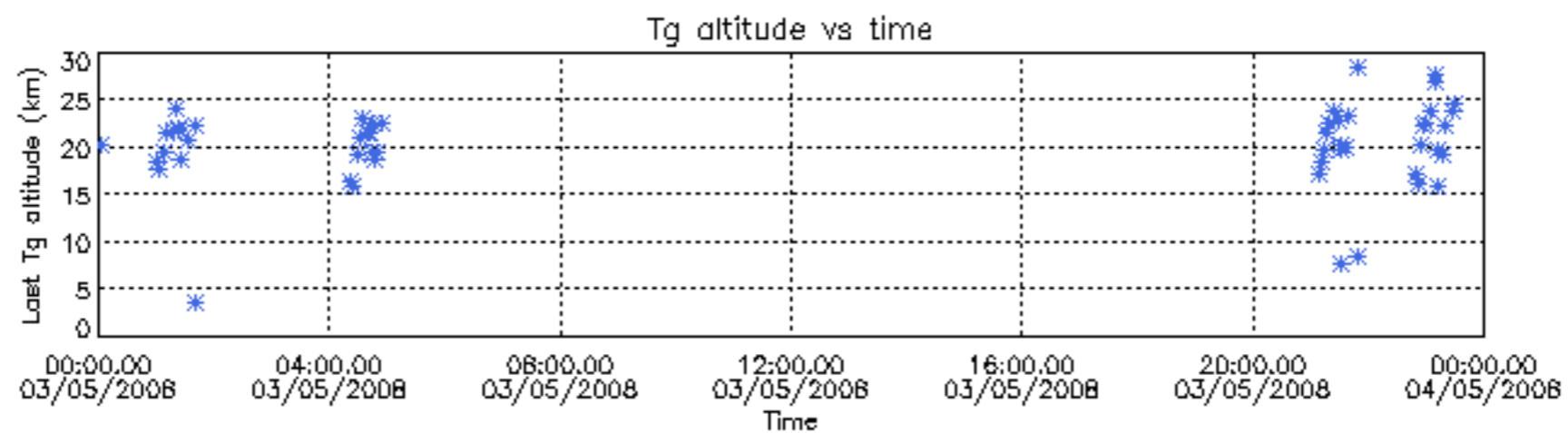
Percentage of saturation errors per profile

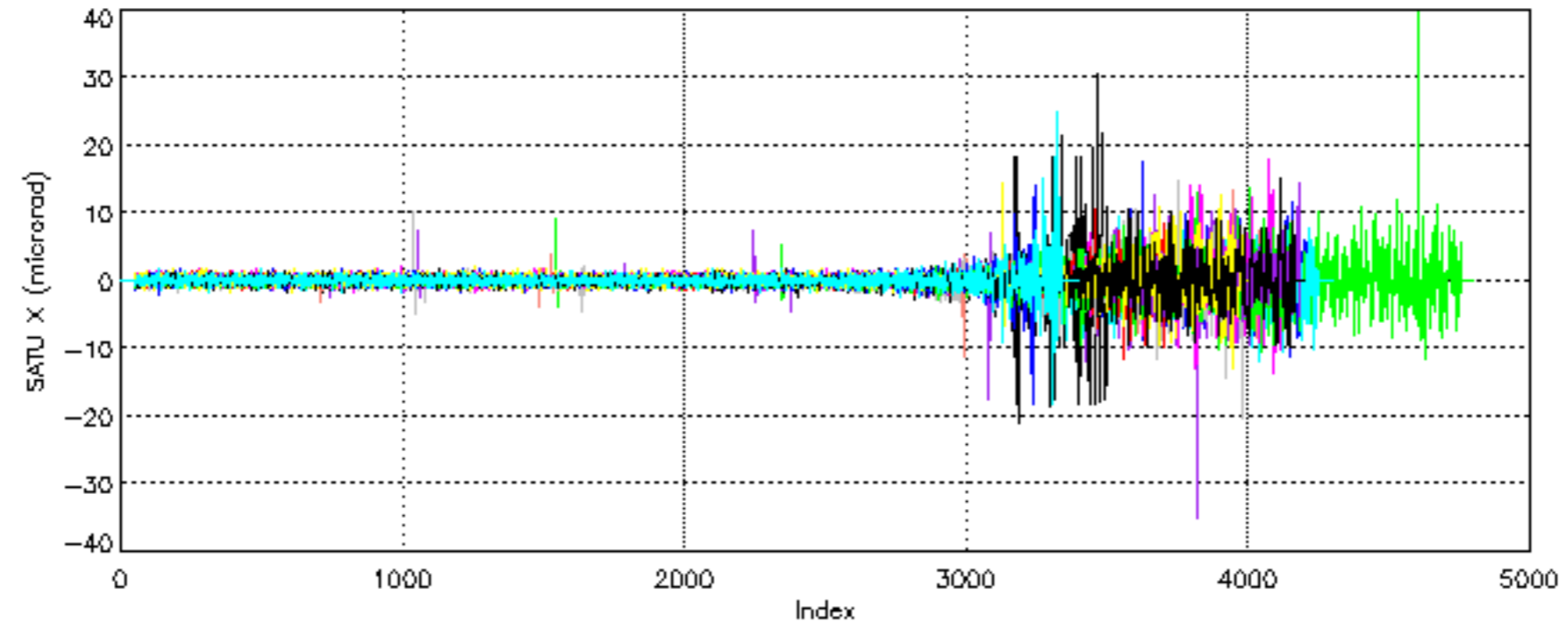


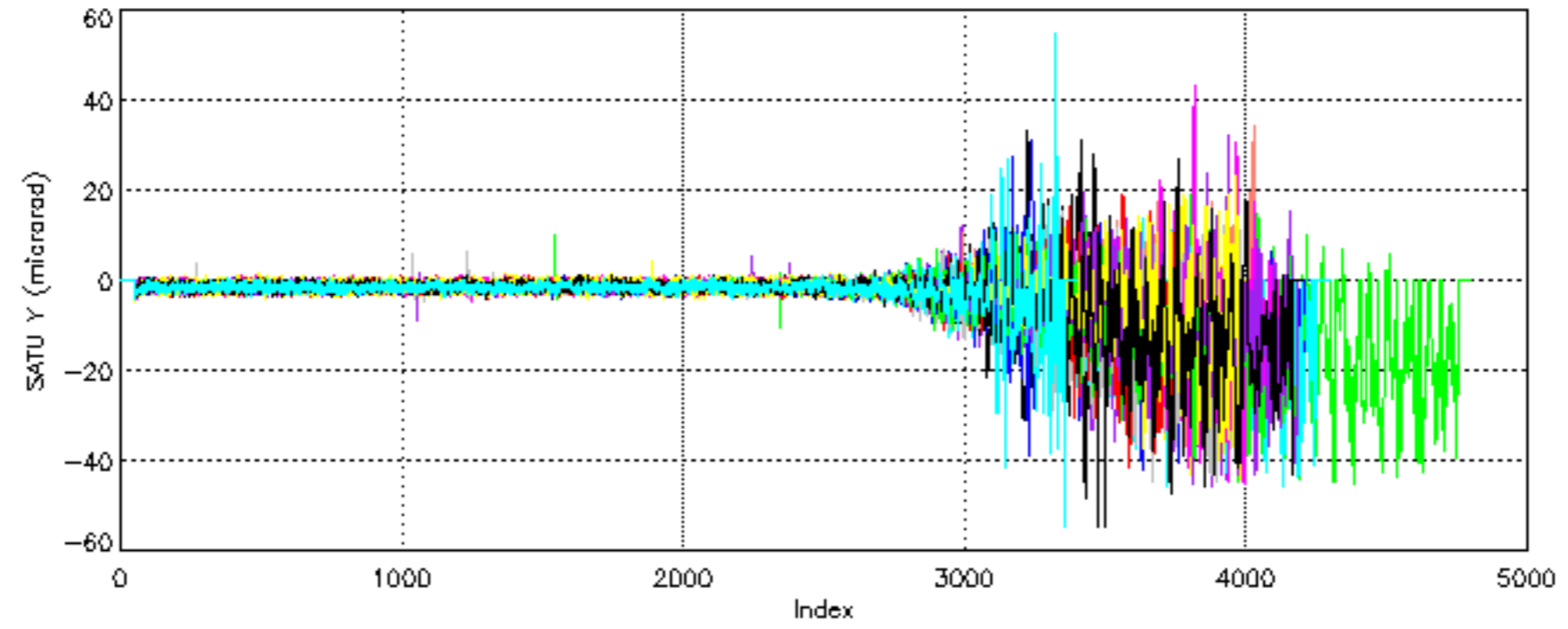
Tangent altitude at which the star is lost

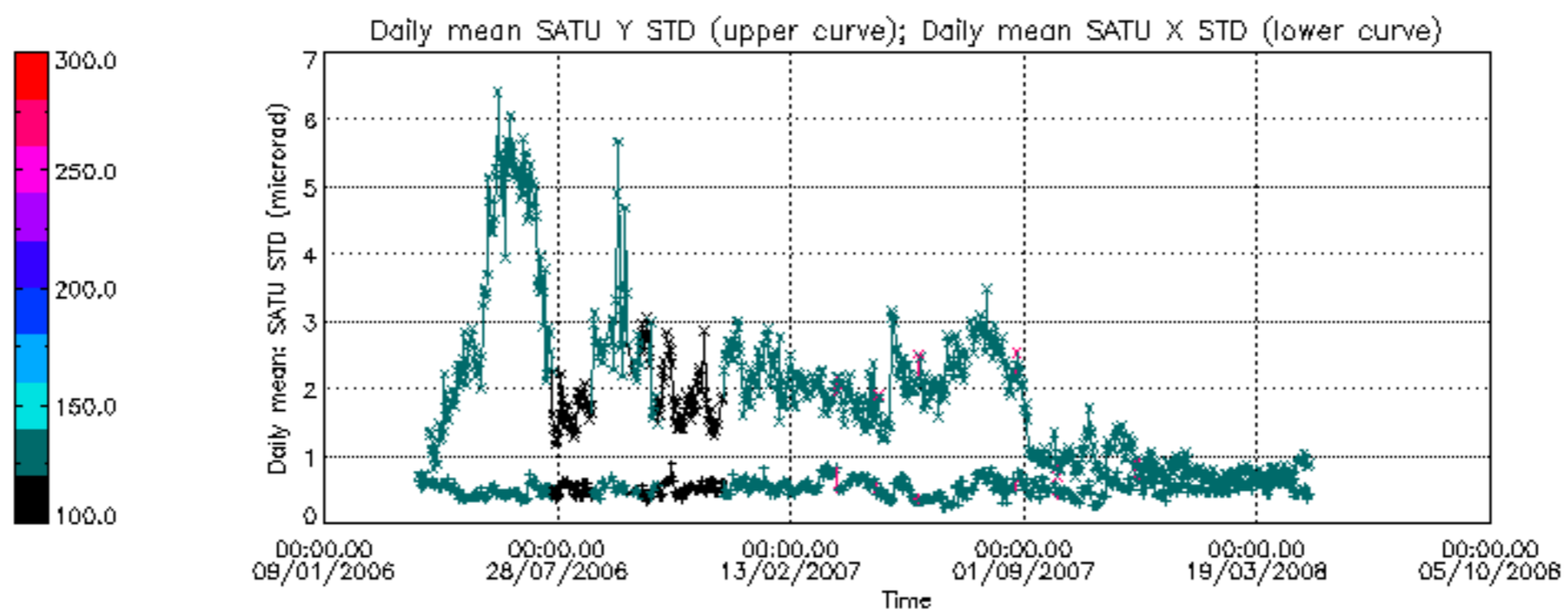


Tangent altitude at which the star is lost









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 5; 579.3; 01-MAY-2008 01:47:34; Dark ; 38.5; 43; Alp TrA ; 1.91; 4250;occ; 77; 0;32250
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 13; 1712.8; 01-MAY-2008 02:06:28; Bright; 38.0; 15; 67Alp Vir ; 0.98; 28000;occ; 76; 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
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 6; 222.3; 05-MAY-2008 01:15:46; Dark ; 39.5; 45; Alp Pav ; 1.94; 26000;occ; 79; 0;32307
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 23; 6895.6; 08-MAY-2008 09:55:08; Dark ; 39.0; 4; Alp1Cen ; -0.01; 5800;occ; 78; 0;32354
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 27; 7567.5; 08-MAY-2008 10:06:20; Bright; 37.5; 169; 46Gam Hya ; 2.99; 4700;occ; 75; 0;32354
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19; 5758.7; 08-MAY-2008 17:59:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32359
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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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 27; 7111.0; 09-MAY-2008 17:50:06; Dark ; 38.5; 78; Alp Lup ; 2.30; 28000;occ; 77; 0;32373
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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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9; 2748.6; 10-MAY-2008 21:07:35; Bright; 33.5; 39; 85Eta UMa ; 1.85; 24000;occ; 67; 0;32390
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13; 3445.8; 10-MAY-2008 21:19:12; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32390
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7; 279.5; 10-MAY-2008 22:07:02; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32391
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9; 758.5; 10-MAY-2008 22:15:01; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32391
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16; 2114.6; 10-MAY-2008 22:37:37; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32391
17; 2221.2; 10-MAY-2008 22:39:23; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32391
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23; 3445.8; 10-MAY-2008 22:59:48; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32391
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5; 68.7; 10-MAY-2008 23:44:07; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32392
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16; 2221.0; 11-MAY-2008 00:19:59; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;32392
17; 2569.3; 11-MAY-2008 00:25:47; Bright; 34.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 69; 0;32392
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21; 3192.5; 11-MAY-2008 00:36:10; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32392
22; 3445.8; 11-MAY-2008 00:40:24; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32392


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26; 7642.6; 10-MAY-2008 09:04:21; Bright; 25.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 50; 0;32382
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 7; 3054.5; 14-MAY-2008 10:43:13; Bright; 36.0; 36; 50Alp UMa ; 1.80; 6300;occ; 72; 0;32441
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 10; 3937.7; 14-MAY-2008 10:57:56; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32441
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 12; 4759.0; 14-MAY-2008 11:11:38; Dark ; 40.0; 140; 88Gam Peg ; 2.83; 26000;occ; 80; 0;32441
 13; 5282.8; 14-MAY-2008 11:20:21; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32441
 14; 5572.9; 14-MAY-2008 11:25:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32441
 15; 5691.5; 14-MAY-2008 11:27:10; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;32441
 16; 5930.0; 14-MAY-2008 11:31:09; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32441
 17; 6016.7; 14-MAY-2008 11:32:35; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;32441
 18; 6127.5; 14-MAY-2008 11:34:26; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32441
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 20; 6678.6; 14-MAY-2008 11:43:37; Dark ; 45.0; 43; Alp TrA ; 1.91; 4250;occ; 90; 0;32441
 21; 6809.5; 14-MAY-2008 11:45:48; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32441
 22; 6913.1; 14-MAY-2008 11:47:32; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;32441
 23; 7127.1; 14-MAY-2008 11:51:06; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;32441
 24; 7217.6; 14-MAY-2008 11:52:36; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32441
 25; 7333.6; 14-MAY-2008 11:54:32; Dark ; 41.0; 54; 5The Cen ; 2.06; 4500;occ; 82; 0;32441

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 6; 2745.8; 14-MAY-2008 12:18:40; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;32442
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 11; 3937.7; 14-MAY-2008 12:38:32; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32442
 12; 4011.5; 14-MAY-2008 12:39:46; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32442
 13; 4759.3; 14-MAY-2008 12:52:14; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32442
 14; 5283.1; 14-MAY-2008 13:00:58; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32442
 15; 5573.1; 14-MAY-2008 13:05:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32442
 16; 5691.8; 14-MAY-2008 13:07:46; Dark ; 42.0; 84; Alp Phe ; 2.40; 4500;occ; 84; 0;32442
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 18; 6017.4; 14-MAY-2008 13:13:12; Dark ; 35.0; 31; Alp Gru ; 1.73; 15200;occ; 70; 0;32442
 19; 6128.0; 14-MAY-2008 13:15:02; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32442
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 21; 6678.9; 14-MAY-2008 13:24:13; Dark ; 41.5; 43; Alp TrA ; 1.91; 4250;occ; 83; 0;32442
 22; 6809.9; 14-MAY-2008 13:26:24; Dark ; 36.0; 134; Bet TrA ; 2.81; 6600;occ; 72; 0;32442
 23; 6913.4; 14-MAY-2008 13:28:08; Dark ; 43.5; 4; Alp1Cen ; -0.01; 5800;occ; 87; 0;32442
 24; 7127.4; 14-MAY-2008 13:31:42; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;32442
 25; 7218.0; 14-MAY-2008 13:33:13; Dark ; 37.0; 81; Eta Cen ; 2.36; 28000;occ; 74; 0;32442
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 3; 2125.8; 14-MAY-2008 13:48:56; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32443
 4; 2222.2; 14-MAY-2008 13:50:33; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32443
 5; 2574.0; 14-MAY-2008 13:56:24; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;32443
 6; 2745.8; 14-MAY-2008 13:59:16; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32443
 7; 2841.3; 14-MAY-2008 14:00:52; Bright; 35.0; 55; 79Zet UMa ; 2.06; 10200;occ; 70; 0;32443
 8; 3055.3; 14-MAY-2008 14:04:26; Bright; 33.0; 36; 50Alp UMa ; 1.80; 6300;occ; 66; 0;32443
 9; 3185.6; 14-MAY-2008 14:06:36; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32443
 10; 3446.2; 14-MAY-2008 14:10:57; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32443
 11; 3937.8; 14-MAY-2008 14:19:08; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32443
 12; 4011.6; 14-MAY-2008 14:20:22; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;32443
 13; 4760.0; 14-MAY-2008 14:32:50; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32443
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 17; 5931.3; 14-MAY-2008 14:52:22; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32443
 18; 6018.2; 14-MAY-2008 14:53:49; Dark ; 35.0; 31; Alp Gru ; 1.73; 15200;occ; 70; 0;32443
 19; 6128.5; 14-MAY-2008 14:55:39; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32443
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 21; 6679.2; 14-MAY-2008 15:04:50; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;32443
 22; 6810.2; 14-MAY-2008 15:07:01; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32443
 23; 6913.7; 14-MAY-2008 15:08:44; Dark ; 45.5; 4; Alp1Cen ; -0.01; 5800;occ; 91; 0;32443
 24; 7127.6; 14-MAY-2008 15:12:18; Dark ; 37.5; 78; Alp Lup ; 2.30; 28000;occ; 75; 0;32443
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 5; 2222.3; 14-MAY-2008 15:31:09; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;32444
 6; 2573.8; 14-MAY-2008 15:37:00; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32444
 7; 2745.8; 14-MAY-2008 15:39:52; Bright; 33.5; 39; 85Eta UMa ; 1.85; 24000;occ; 67; 0;32444
 8; 2841.3; 14-MAY-2008 15:41:28; Bright; 33.0; 55; 79Zet UMa ; 2.06; 10200;occ; 66; 0;32444
 9; 3185.4; 14-MAY-2008 15:47:12; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32444
 10; 3446.3; 14-MAY-2008 15:51:33; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32444
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 12; 4011.5; 14-MAY-2008 16:00:58; Bright; 41.0; 68; 18Alp Cas ; 2.22; 4500;occ; 82; 0;32444
 13; 4760.0; 14-MAY-2008 16:13:26; Dark ; 42.5; 140; 88Gam Peg ; 2.83; 26000;occ; 85; 0;32444
 14; 5283.7; 14-MAY-2008 16:22:10; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32444
 15; 5573.6; 14-MAY-2008 16:27:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32444
 16; 5692.5; 14-MAY-2008 16:28:59; Dark ; 39.5; 84; Alp Phe ; 2.40; 4500;occ; 79; 0;32444
 17; 5932.0; 14-MAY-2008 16:32:58; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32444
 18; 6019.0; 14-MAY-2008 16:34:25; Dark ; 30.0; 31; Alp Gru ; 1.73; 15200;occ; 60; 0;32444
 19; 6129.0; 14-MAY-2008 16:36:15; Dark ; 36.5; 148; Alp Tuc ; 2.88; 4100;occ; 73; 0;32444
 20; 6353.3; 14-MAY-2008 16:40:00; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32444
 21; 6679.6; 14-MAY-2008 16:45:26; Dark ; 38.5; 43; Alp TrA ; 1.91; 4250;occ; 77; 0;32444
 22; 6810.5; 14-MAY-2008 16:47:37; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32444
 23; 6913.9; 14-MAY-2008 16:49:20; Dark ; 41.5; 4; Alp1Cen ; -0.01; 5800;occ; 83; 0;32444
 24; 7127.8; 14-MAY-2008 16:52:54; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;32444
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 5; 2126.2; 14-MAY-2008 17:10:08; Bright; 35.5; 138; 47Eps Vir ; 2.83; 4700;occ; 71; 0;32445
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 13; 4011.6; 14-MAY-2008 17:41:34; Bright; 34.0; 68; 18Alp Cas ; 2.22; 4500;occ; 68; 0;32445
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 18; 5932.6; 14-MAY-2008 18:13:35; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32445
 19; 6019.8; 14-MAY-2008 18:15:02; Dark ; 30.0; 31; Alp Gru ; 1.73; 15200;occ; 60; 0;32445
 20; 6129.6; 14-MAY-2008 18:16:52; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32445
 21; 6354.1; 14-MAY-2008 18:20:36; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32445
 22; 6679.9; 14-MAY-2008 18:26:02; Dark ; 42.5; 43; Alp TrA ; 1.91; 4250;occ; 85; 0;32445
 23; 6810.9; 14-MAY-2008 18:28:13; Dark ; 35.5; 134; Bet TrA ; 2.81; 6600;occ; 71; 0;32445
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14; 4011.5; 14-MAY-2008 19:22:10; Bright; 34.5; 68; 18Alp Cas ; 2.22; 4500;occ; 69; 0;32446
15; 4760.5; 14-MAY-2008 19:34:39; Dark ; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;32446
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6; 320.8; 15-MAY-2008 01:03:03; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32450
7; 645.1; 15-MAY-2008 01:08:27; Dark ; 46.0; 43; Alp TrA ; 1.91; 4250;occ; 92; 0;32450
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 8; 2570.9; 15-MAY-2008 18:26:32; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32460
 9; 2745.5; 15-MAY-2008 18:29:27; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;32460
 10; 2841.8; 15-MAY-2008 18:31:03; Bright; 35.0; 55; 79Zet UMa ; 2.06; 10200;occ; 70; 0;32460
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 12; 3446.1; 15-MAY-2008 18:41:07; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32460
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 15; 5288.6; 15-MAY-2008 19:11:50; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32460
 16; 5576.9; 15-MAY-2008 19:16:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32460
 17; 5697.2; 15-MAY-2008 19:18:39; Dark ; 41.5; 84; Alp Phe ; 2.40; 4500;occ; 83; 0;32460
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 19; 6136.6; 15-MAY-2008 19:25:58; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32460
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 21; 6684.3; 15-MAY-2008 19:35:06; Dark ; 46.0; 43; Alp TrA ; 1.91; 4250;occ; 92; 0;32460
 22; 6814.8; 15-MAY-2008 19:37:16; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32460
 23; 6916.6; 15-MAY-2008 19:38:58; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;32460

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 9; 1095.9; 16-MAY-2008 00:44:21; Dark ; 37.5; 78; Alp Lup ; 2.30; 28000;occ; 75; 0;32464
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 11; 1301.4; 16-MAY-2008 00:47:46; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32464
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 17; 2745.4; 16-MAY-2008 01:11:50; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;32464
 18; 2842.0; 16-MAY-2008 01:13:27; Bright; 36.0; 55; 79Zet UMa ; 2.06; 10200;occ; 72; 0;32464
 19; 3182.6; 16-MAY-2008 01:19:08; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32464
 20; 3446.1; 16-MAY-2008 01:23:31; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32464
 21; 3937.9; 16-MAY-2008 01:31:43; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32464
 22; 4011.6; 16-MAY-2008 01:32:57; Bright; 52.5; 68; 18Alp Cas ; 2.22; 4500;occ; 105; 0;32464

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 5; 102.5; 16-MAY-2008 02:08:23; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32465

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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
8; 780.0; 16-MAY-2008 02:19:41; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32465
9; 881.2; 16-MAY-2008 02:21:22; Dark ; 47.5; 4; Alp1Cen ;-0.01; 5800;occ; 95; 0;32465
10; 1096.2; 16-MAY-2008 02:24:57; Dark ; 39.0; 78; Alp Lup ; 2.30; 28000;occ; 78; 0;32465
11; 1186.4; 16-MAY-2008 02:26:27; Dark ; 37.0; 81; Eta Cen ; 2.36; 28000;occ; 74; 0;32465
12; 1301.6; 16-MAY-2008 02:28:22; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;32465
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17; 2570.0; 16-MAY-2008 02:49:31; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32465
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19; 2842.1; 16-MAY-2008 02:54:03; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32465
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21; 3446.1; 16-MAY-2008 03:04:07; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32465
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17; 2131.4; 16-MAY-2008 04:22:48; Bright; 35.0; 138; 47Eps Vir ; 2.83; 4700;occ; 70; 0;32466
18; 2223.4; 16-MAY-2008 04:24:20; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32466
19; 2569.9; 16-MAY-2008 04:30:07; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32466
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21; 2842.3; 16-MAY-2008 04:34:39; Bright; 34.0; 55; 79Zet UMa ; 2.06; 10200;occ; 68; 0;32466
22; 3182.6; 16-MAY-2008 04:40:19; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32466
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10; 780.8; 16-MAY-2008 05:40:54; Dark ; 36.0; 134; Bet TrA ; 2.81; 6600;occ; 72; 0;32467
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22; 3182.5; 16-MAY-2008 06:20:55; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32467
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 7; 2568.5; 16-MAY-2008 21:16:05; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32476
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 18; 2843.0; 17-MAY-2008 00:41:51; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32478
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19; 6688.2; 16-MAY-2008 17:22:57; Dark ; 37.5; 43; Alp TrA ; 1.91; 4250;occ; 75; 0;32473
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21; 6918.9; 16-MAY-2008 17:26:47; Dark ; 43.0; 4; Alp1Cen ;-0.01; 5800;occ; 86; 0;32473
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13; 1040.9; 17-MAY-2008 05:13:37; Dark ; 49.5; 115; 34Ups Sco ; 2.70; 26000;occ; 99; 0;32481
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21; 2379.3; 17-MAY-2008 05:35:55; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;32481
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
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25; 3180.9; 17-MAY-2008 05:49:17; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32481
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13; 3078.1; 17-MAY-2008 20:52:57; Bright; 42.0; 119; 14Eta Dra ; 2.73; 4700;occ; 84; 0;32490
14; 3179.8; 17-MAY-2008 20:54:39; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;32490
15; 3446.3; 17-MAY-2008 20:59:06; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32490
16; 3938.3; 17-MAY-2008 21:07:18; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32490
17; 4011.5; 17-MAY-2008 21:08:31; Bright; 52.5; 68; 18Alp Cas ; 2.22; 4500;occ; 105; 0;32490
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6; 115.3; 17-MAY-2008 21:44:11; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32491
7; 349.7; 17-MAY-2008 21:48:05; Dark ; 40.0; 45; Alp Pav ; 1.94; 26000;occ; 80; 0;32491
8; 774.6; 17-MAY-2008 21:55:10; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 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
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14; 1620.4; 17-MAY-2008 22:09:16; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32491
15; 1729.3; 17-MAY-2008 22:11:04; Bright; 39.0; 104; 27Bet Lib ; 2.61; 13100;occ; 78; 0;32491
16; 2039.2; 17-MAY-2008 22:16:14; Bright; 42.0; 102; 24Alp Ser ; 2.60; 4250;occ; 84; 0;32491
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22; 3179.6; 17-MAY-2008 22:35:15; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32491
23; 3446.3; 17-MAY-2008 22:39:41; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32491
24; 3938.4; 17-MAY-2008 22:47:54; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32491
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27; 4774.0; 17-MAY-2008 23:01:49; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32491
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6; 115.8; 17-MAY-2008 23:24:47; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32492
7; 350.3; 17-MAY-2008 23:28:41; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32492
8; 775.0; 17-MAY-2008 23:35:46; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32492
9; 933.0; 17-MAY-2008 23:38:24; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;32492
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15; 1729.3; 17-MAY-2008 23:51:40; Bright; 39.0; 104; 27Bet Lib ; 2.61; 13100;occ; 78; 0;32492
16; 2039.0; 17-MAY-2008 23:56:50; Bright; 42.0; 102; 24Alp Ser ; 2.60; 4250;occ; 84; 0;32492
17; 2234.5; 18-MAY-2008 00:00:06; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;32492
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19; 2566.4; 18-MAY-2008 00:05:37; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32492
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22; 3179.5; 18-MAY-2008 00:15:51; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32492
23; 3446.3; 18-MAY-2008 00:20:17; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32492
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27; 4774.4; 18-MAY-2008 00:42:25; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32492
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13; 1038.7; 17-MAY-2008 06:54:10; Dark ; 28.0; 25; 35Lam Sco ; 1.62; 28000;occ; 56; 0;32482
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6; 2745.5; 17-MAY-2008 10:43:49; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32484
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21; 6808.0; 17-MAY-2008 13:32:08; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32485
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18; 6071.8; 19-MAY-2008 10:36:01; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32512
19; 6401.1; 19-MAY-2008 10:41:31; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32512
20; 6821.1; 19-MAY-2008 10:48:31; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32512
21; 6981.7; 19-MAY-2008 10:51:11; Dark ; 44.5; 40; The Sco ; 1.86; 7100;occ; 89; 0;32512
22; 7093.1; 19-MAY-2008 10:53:03; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;32512
23; 7224.2; 19-MAY-2008 10:55:14; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;32512
24; 7402.6; 19-MAY-2008 10:58:12; Dark ; 57.0; 16; 21Alp Sco ; 1.02; 3000;occ; 114; 0;32512
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 2; 2034.4; 19-MAY-2008 11:09:20; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32513
 3; 2234.9; 19-MAY-2008 11:12:41; Bright; 39.5; 3; 16Alp Boo ; -0.05; 4250;occ; 79; 0;32513
 4; 2374.9; 19-MAY-2008 11:15:00; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32513
 5; 2564.0; 19-MAY-2008 11:18:10; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32513
 6; 2746.3; 19-MAY-2008 11:21:12; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32513
 7; 3177.4; 19-MAY-2008 11:28:23; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32513
 8; 3446.4; 19-MAY-2008 11:32:52; Bright; 36.5; 49; 1Alp UMi ; 1.99; 6300;occ; 73; 0;32513
 9; 3938.0; 19-MAY-2008 11:41:04; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;32513
10; 4011.0; 19-MAY-2008 11:42:17; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32513
11; 4523.8; 19-MAY-2008 11:50:49; Dark ; 45.0; 58; 21Alp And ; 2.07; 11000;occ; 90; 0;32513
12; 4781.1; 19-MAY-2008 11:55:07; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32513

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 17; 6072.6; 19-MAY-2008 12:16:38; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32513
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 19; 6821.6; 19-MAY-2008 12:29:07; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;32513
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 21; 7093.7; 19-MAY-2008 12:33:39; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32513
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 23; 7402.9; 19-MAY-2008 12:38:48; Dark ; 59.0; 16; 21Alp Sco ; 1.02; 3000;occ; 118; 0;32513
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 5; 2374.7; 19-MAY-2008 12:55:36; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32514
 6; 2563.9; 19-MAY-2008 12:58:45; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32514
 7; 2746.4; 19-MAY-2008 13:01:48; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32514
 8; 3067.5; 19-MAY-2008 13:07:09; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32514
 9; 3177.3; 19-MAY-2008 13:08:59; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32514
 10; 3446.5; 19-MAY-2008 13:13:28; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32514
 11; 3938.3; 19-MAY-2008 13:21:40; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32514
 12; 4011.1; 19-MAY-2008 13:22:53; Bright; 34.0; 68; 18Alp Cas ; 2.22; 4500;occ; 68; 0;32514
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 14; 4781.6; 19-MAY-2008 13:35:43; Dark ; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;32514
 15; 5307.4; 19-MAY-2008 13:44:29; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32514
 16; 5727.6; 19-MAY-2008 13:51:29; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;32514
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 23; 7094.3; 19-MAY-2008 14:14:16; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;32514
 24; 7225.3; 19-MAY-2008 14:16:27; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;32514
 25; 7403.2; 19-MAY-2008 14:19:25; Dark ; 62.0; 16; 21Alp Sco ; 1.02; 3000;occ; 124; 0;32514
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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
 6; 2374.8; 19-MAY-2008 14:36:12; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32515
 7; 2563.8; 19-MAY-2008 14:39:21; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32515
 8; 2746.5; 19-MAY-2008 14:42:24; Bright; 35.0; 39; 85Eta UMa ; 1.85; 24000;occ; 70; 0;32515
 9; 3067.2; 19-MAY-2008 14:47:45; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32515
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 11; 3446.7; 19-MAY-2008 14:54:04; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32515
 12; 3938.3; 19-MAY-2008 15:02:16; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;32515
 13; 4011.2; 19-MAY-2008 15:03:29; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32515
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 18; 5825.0; 19-MAY-2008 15:33:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32515
 19; 5979.2; 19-MAY-2008 15:36:17; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;32515
 20; 6074.3; 19-MAY-2008 15:37:52; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32515
 21; 6403.3; 19-MAY-2008 15:43:21; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32515
 22; 6822.7; 19-MAY-2008 15:50:20; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32515
 23; 6983.6; 19-MAY-2008 15:53:01; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32515
 24; 7095.1; 19-MAY-2008 15:54:52; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32515
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4; 1730.8; 19-MAY-2008 16:06:04; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32516
5; 2033.9; 19-MAY-2008 16:11:07; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32516
6; 2235.2; 19-MAY-2008 16:14:28; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32516
7; 2374.6; 19-MAY-2008 16:16:48; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32516
8; 2563.7; 19-MAY-2008 16:19:57; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32516
9; 2746.5; 19-MAY-2008 16:23:00; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32516
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19; 5979.8; 19-MAY-2008 17:16:53; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;32516
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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
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3; 1190.1; 19-MAY-2008 17:37:39; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32517
4; 1367.8; 19-MAY-2008 17:40:37; Dark ; 57.5; 16; 21Alp Sco ; 1.02; 3000;occ; 115; 0;32517
5; 1517.1; 19-MAY-2008 17:43:06; Bright; 44.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 88; 0;32517
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 23; 5981.1; 19-MAY-2008 20:38:06; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;32518
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17; 6827.7; 20-MAY-2008 10:17:00; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32526
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 25; 6992.9; 20-MAY-2008 18:42:45; Dark ; 46.0; 40; The Sco ; 1.86; 7100;occ; 92; 0;32531

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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
8; 2235.8; 20-MAY-2008 19:04:04; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;32532
9; 2373.0; 20-MAY-2008 19:06:21; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32532
10; 2562.5; 20-MAY-2008 19:09:31; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;32532
11; 2747.3; 20-MAY-2008 19:12:36; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32532
12; 3060.1; 20-MAY-2008 19:17:48; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32532
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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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
9; 1070.4; 21-MAY-2008 01:27:02; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 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
14; 1732.2; 21-MAY-2008 01:38:04; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32536
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16; 2236.0; 21-MAY-2008 01:46:28; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;32536
17; 2372.5; 21-MAY-2008 01:48:44; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;32536
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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21; 3175.0; 21-MAY-2008 02:02:07; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32536
22; 3446.7; 21-MAY-2008 02:06:39; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32536
23; 3937.9; 21-MAY-2008 02:14:50; Bright; 18.0; 76; 27Gam Cas ; 2.30; 30000;occ; 36; 0;32536

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2; -2025.4; 21-MAY-2008 03:56:38; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32537
3; -1508.0; 21-MAY-2008 04:05:16; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32537
4; -1246.6; 21-MAY-2008 04:09:37; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32537
5; -719.6; 21-MAY-2008 04:18:24; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32537
6; -287.1; 21-MAY-2008 04:25:37; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;32537
7; -199.8; 21-MAY-2008 04:27:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 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
10; 382.9; 21-MAY-2008 04:36:47; Dark ; 40.0; 45; Alp Pav ; 1.94; 26000;occ; 80; 0;32538
11; 797.0; 21-MAY-2008 04:43:41; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 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
14; 1198.6; 21-MAY-2008 04:50:22; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32538
15; 1373.6; 21-MAY-2008 04:53:17; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;32538
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18; 1732.4; 21-MAY-2008 04:59:16; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32538
19; 2029.7; 21-MAY-2008 05:04:14; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32538

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21; 2372.3; 21-MAY-2008 05:09:56; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;32538
22; 2561.9; 21-MAY-2008 05:13:06; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32538
23; 3057.7; 21-MAY-2008 05:21:21; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32538
24; 3175.1; 21-MAY-2008 05:23:19; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32538
25; 3446.7; 21-MAY-2008 05:27:50; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32538
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4; -1245.9; 21-MAY-2008 07:30:50; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32539
5; -718.9; 21-MAY-2008 07:39:37; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32539
6; -198.7; 21-MAY-2008 07:48:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32539
7; -39.9; 21-MAY-2008 07:50:56; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;32539
8; 58.0; 21-MAY-2008 07:52:34; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32540
9; 384.2; 21-MAY-2008 07:58:00; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32540
10; 797.9; 21-MAY-2008 08:04:54; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32540
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13; 1199.4; 21-MAY-2008 08:11:35; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;32540
14; 1374.1; 21-MAY-2008 08:14:30; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;32540
15; 1520.7; 21-MAY-2008 08:16:56; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32540
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4; 2236.3; 21-MAY-2008 08:28:52; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;32540
5; 2372.2; 21-MAY-2008 08:31:08; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32540
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7; 3056.8; 21-MAY-2008 08:42:33; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32540
8; 3174.7; 21-MAY-2008 08:44:31; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32540
9; 3446.6; 21-MAY-2008 08:49:02; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32540
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11; 4010.3; 21-MAY-2008 08:58:26; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32540
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13; 4790.4; 21-MAY-2008 09:11:26; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32540
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13; 4791.2; 21-MAY-2008 12:32:39; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;32542
14; 5318.4; 21-MAY-2008 12:41:26; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32542
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17; 6096.3; 21-MAY-2008 12:54:24; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32542
18; 6422.4; 21-MAY-2008 12:59:50; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32542
19; 6835.1; 21-MAY-2008 13:06:43; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32542
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24; 7557.1; 21-MAY-2008 13:18:45; Bright; 42.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 85; 0;32542
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 8; 1842.6; 21-MAY-2008 20:06:30; Bright; 27.0; 120; 1Del Oph ; 2.73; 3200;occ; 54; 0;32547
 9; 2028.0; 21-MAY-2008 20:09:35; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;32547
10; 2236.6; 21-MAY-2008 20:13:04; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;32547
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13; 3053.8; 21-MAY-2008 20:26:41; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32547
14; 3174.0; 21-MAY-2008 20:28:41; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32547
15; 3446.6; 21-MAY-2008 20:33:14; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32547
16; 3937.5; 21-MAY-2008 20:41:25; Bright; 51.5; 76; 27Gam Cas ; 2.30; 30000;occ; 103; 0;32547
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11; 1376.2; 21-MAY-2008 21:39:19; Dark ; 57.5; 16; 21Alp Sco ; 1.02; 3000;occ; 115; 0;32548
12; 1521.9; 21-MAY-2008 21:41:45; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32548
13; 1628.3; 21-MAY-2008 21:43:31; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32548
14; 1733.2; 21-MAY-2008 21:45:16; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32548

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 17; 2236.6; 21-MAY-2008 21:53:40; Bright; 37.5; 3; 16Alp Boo ;-0.05; 4250;occ; 75; 0;32548
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 22; 3446.5; 21-MAY-2008 22:13:50; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32548
 23; 3937.5; 21-MAY-2008 22:22:01; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;32548
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 17; 2371.3; 21-MAY-2008 23:36:30; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32549
 18; 2561.1; 21-MAY-2008 23:39:40; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32549
 19; 3053.0; 21-MAY-2008 23:47:52; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32549
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 21; 3446.5; 21-MAY-2008 23:54:26; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32549
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 23; 4009.9; 22-MAY-2008 00:03:49; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32549
 24; 4529.9; 22-MAY-2008 00:12:29; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32549
 25; 4793.4; 22-MAY-2008 00:16:52; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32549
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 4; 2236.5; 21-MAY-2008 13:30:40; Bright; 34.5; 3; 16Alp Boo ;-0.05; 4250;occ; 69; 0;32543
 5; 2372.0; 21-MAY-2008 13:32:55; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32543
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 7; 3055.7; 21-MAY-2008 13:44:19; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32543
 8; 3174.5; 21-MAY-2008 13:46:18; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;32543
 9; 3446.7; 21-MAY-2008 13:50:50; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32543
 10; 3937.8; 21-MAY-2008 13:59:01; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32543
 11; 4010.2; 21-MAY-2008 14:00:14; Bright; 54.0; 68; 18Alp Cas ; 2.22; 4500;occ; 108; 0;32543
 12; 4529.1; 21-MAY-2008 14:08:52; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;32543
 13; 4791.4; 21-MAY-2008 14:13:15; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32543
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 18; 6423.0; 21-MAY-2008 14:40:26; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32543
 19; 6835.6; 21-MAY-2008 14:47:19; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32543
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 3; 1732.8; 21-MAY-2008 15:02:52; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32544

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 2; 1841.9; 22-MAY-2008 09:31:17; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32555
 3; 2026.8; 22-MAY-2008 09:34:21; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32555
 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
 20; 6841.1; 22-MAY-2008 10:54:36; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;32555
 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
 24; 7414.3; 22-MAY-2008 11:04:09; Dark ; 61.0; 16; 21Alp Sco ; 1.02; 3000;occ; 122; 0;32555
 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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 2; 1841.8; 22-MAY-2008 11:11:52; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32556
 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
 8; 3173.3; 22-MAY-2008 11:34:04; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32556
 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
 12; 4531.2; 22-MAY-2008 11:56:42; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32556
 13; 4796.1; 22-MAY-2008 12:01:07; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32556
 14; 5324.2; 22-MAY-2008 12:09:55; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32556
 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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1; 973.8; 22-MAY-2008 21:01:00; Dark ; 50.5; 40; The Sco ; 1.86; 7100;occ; 101; 0;32562
 2; 1084.6; 22-MAY-2008 21:02:51; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;32562
 3; 1207.8; 22-MAY-2008 21:04:54; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32562
 4; 1379.9; 22-MAY-2008 21:07:46; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32562
 5; 1524.2; 22-MAY-2008 21:10:10; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32562
 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
 8; 1841.1; 22-MAY-2008 21:15:27; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32562
 9; 2025.7; 22-MAY-2008 21:18:32; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32562
 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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1; -709.1; 22-MAY-2008 22:13:33; Dark ; 43.0; 52; 16Bet Cet ; 2.04; 4500;occ; 86; 0;32562
 2; -186.5; 22-MAY-2008 22:22:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32562
 3; -23.2; 22-MAY-2008 22:24:59; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;32562
 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
 8; 974.3; 22-MAY-2008 22:41:36; Dark ; 45.0; 40; The Sco ; 1.86; 7100;occ; 90; 0;32563
 9; 1085.1; 22-MAY-2008 22:43:27; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32563
 10; 1208.1; 22-MAY-2008 22:45:30; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32563
 11; 1380.1; 22-MAY-2008 22:48:22; Dark ; 57.5; 16; 21Alp Sco ; 1.02; 3000;occ; 115; 0;32563
 12; 1524.3; 22-MAY-2008 22:50:46; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32563
 13; 1630.5; 22-MAY-2008 22:52:33; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32563
 14; 1734.2; 22-MAY-2008 22:54:16; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32563
 15; 1841.1; 22-MAY-2008 22:56:03; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32563
 16; 2025.6; 22-MAY-2008 22:59:08; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32563
 17; 2370.6; 22-MAY-2008 23:04:53; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32563
 18; 2560.5; 22-MAY-2008 23:08:03; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32563
 19; 3047.5; 22-MAY-2008 23:16:10; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32563
 20; 3172.8; 22-MAY-2008 23:18:15; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32563
 21; 3446.7; 22-MAY-2008 23:22:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32563
 22; 3937.1; 22-MAY-2008 23:30:59; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32563
 23; 4009.3; 22-MAY-2008 23:32:11; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32563
 24; 4532.5; 22-MAY-2008 23:40:55; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32563
 25; 4798.6; 22-MAY-2008 23:45:21; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32563
 26; 5327.2; 22-MAY-2008 23:54:09; Dark ; 9.5; 52; 16Bet Cet ; 2.04; 4500;occ; 19; 0;32563

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1; -708.6; 22-MAY-2008 23:54:09; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32563
 2; -186.0; 23-MAY-2008 00:02:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32563
 3; -22.4; 23-MAY-2008 00:05:36; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32563
 4; 68.7; 23-MAY-2008 00:07:07; Dark ; 31.0; 172; Gam Gru ; 3.00; 13100;occ; 62; 0;32564
 5; 152.6; 23-MAY-2008 00:08:31; Dark ; 41.5; 148; Alp Tuc ; 2.88; 4100;occ; 83; 0;32564
 6; 401.1; 23-MAY-2008 00:12:39; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32564
 7; 808.6; 23-MAY-2008 00:19:27; Dark ; 48.5; 141; Bet Ara ; 2.84; 4600;occ; 97; 0;32564
 8; 974.7; 23-MAY-2008 00:22:13; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32564
 9; 1085.5; 23-MAY-2008 00:24:03; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;32564
 10; 1208.6; 23-MAY-2008 00:26:07; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32564
 11; 1380.4; 23-MAY-2008 00:28:58; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32564
 12; 1524.5; 23-MAY-2008 00:31:22; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32564
 13; 1630.6; 23-MAY-2008 00:33:09; Bright; 35.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 70; 0;32564
 14; 1734.4; 23-MAY-2008 00:34:52; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32564
 15; 1840.8; 23-MAY-2008 00:36:39; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32564
 16; 2025.4; 23-MAY-2008 00:39:43; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32564
 17; 2370.5; 23-MAY-2008 00:45:28; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32564
 18; 2560.4; 23-MAY-2008 00:48:38; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32564
 19; 3047.1; 23-MAY-2008 00:56:45; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32564
 20; 3172.7; 23-MAY-2008 00:58:51; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32564
 21; 3446.7; 23-MAY-2008 01:03:25; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32564
 22; 3937.1; 23-MAY-2008 01:11:35; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;32564

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23; 4009.2; 23-MAY-2008 01:12:47; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;32564
24; 4380.7; 23-MAY-2008 01:18:59; Bright; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;32564
25; 4532.6; 23-MAY-2008 01:21:31; Dark ; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;32564
26; 4798.9; 23-MAY-2008 01:25:57; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32564
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 2; 1733.7; 22-MAY-2008 12:50:40; Bright; 38.0; 104; 27Bet Lib ; 2.61; 13100;occ; 76; 0;32557
 3; 1841.7; 22-MAY-2008 12:52:28; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32557
 4; 2026.5; 22-MAY-2008 12:55:33; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32557
 5; 2237.5; 22-MAY-2008 12:59:04; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;32557
 6; 2371.0; 22-MAY-2008 13:01:17; Bright; 34.5; 83; ; 2.38; 11000;occ; 69; 0;32557
 7; 2560.9; 22-MAY-2008 13:04:27; Bright; 33.5; 180; 27Gam Boo ; 3.04; 8000;occ; 67; 0;32557
 8; 3050.0; 22-MAY-2008 13:12:36; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32557
 9; 3173.3; 22-MAY-2008 13:14:40; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32557
10; 3446.8; 22-MAY-2008 13:19:13; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32557
11; 3937.5; 22-MAY-2008 13:27:24; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32557
12; 4009.7; 22-MAY-2008 13:28:36; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32557
13; 4531.4; 22-MAY-2008 13:37:18; Dark ; 43.0; 58; 21Alp And ; 2.07; 11000;occ; 86; 0;32557
14; 4796.5; 22-MAY-2008 13:41:43; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32557
15; 5324.7; 22-MAY-2008 13:50:31; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32557
16; 5846.7; 22-MAY-2008 13:59:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32557
17; 6009.2; 22-MAY-2008 14:01:56; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;32557
18; 6097.6; 22-MAY-2008 14:03:24; Dark ; 42.0; 172; Gam Gru ; 3.00; 13100;occ; 84; 0;32557
19; 6185.6; 22-MAY-2008 14:04:52; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32557
20; 6433.0; 22-MAY-2008 14:08:59; Dark ; 39.5; 45; Alp Pav ; 1.94; 26000;occ; 79; 0;32557
21; 6842.0; 22-MAY-2008 14:15:48; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32557
22; 7007.5; 22-MAY-2008 14:18:34; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32557
23; 7118.3; 22-MAY-2008 14:20:25; Dark ; 47.0; 25; 35Lam Sco ; 1.62; 28000;occ; 94; 0;32557
24; 7242.3; 22-MAY-2008 14:22:29; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32557
25; 7414.9; 22-MAY-2008 14:25:21; Dark ; 57.0; 16; 21Alp Sco ; 1.02; 3000;occ; 114; 0;32557
26; 7559.7; 22-MAY-2008 14:27:46; Bright; 4.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 9; 0;32557
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 2; 1629.8; 22-MAY-2008 14:29:32; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32558
 3; 1734.0; 22-MAY-2008 14:31:16; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32558
 4; 1841.7; 22-MAY-2008 14:33:04; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;32558
 5; 2026.5; 22-MAY-2008 14:36:09; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32558
 6; 2370.9; 22-MAY-2008 14:41:53; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32558
 7; 2560.8; 22-MAY-2008 14:45:03; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32558
 8; 3049.6; 22-MAY-2008 14:53:12; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32558
 9; 3173.3; 22-MAY-2008 14:55:16; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32558
10; 3446.8; 22-MAY-2008 14:59:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32558
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 9; 3049.2; 22-MAY-2008 16:33:47; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32559
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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
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 2; 1091.9; 23-MAY-2008 20:31:21; Dark ; 50.0; 25; 35Lam Sco ; 1.62; 28000;occ; 100; 0;32576
 3; 1213.0; 23-MAY-2008 20:33:22; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;32576
 4; 1383.5; 23-MAY-2008 20:36:13; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32576
 5; 1526.5; 23-MAY-2008 20:38:36; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32576
 6; 1632.3; 23-MAY-2008 20:40:22; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32576
 7; 1735.4; 23-MAY-2008 20:42:05; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32576
 8; 1839.8; 23-MAY-2008 20:43:49; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32576
 9; 2023.8; 23-MAY-2008 20:46:53; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32576
10; 2369.9; 23-MAY-2008 20:52:39; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;32576
11; 2560.0; 23-MAY-2008 20:55:49; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32576
12; 3042.6; 23-MAY-2008 21:03:52; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32576
13; 3171.8; 23-MAY-2008 21:06:01; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;32576
14; 3446.8; 23-MAY-2008 21:10:36; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32576
15; 3936.7; 23-MAY-2008 21:18:46; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32576
16; 4008.7; 23-MAY-2008 21:19:58; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32576
17; 4382.2; 23-MAY-2008 21:26:11; Bright; 37.0; 53; 43Bet And ; 2.05; 3300;occ; 74; 0;32576
18; 4534.8; 23-MAY-2008 21:28:44; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32576
19; 4803.5; 23-MAY-2008 21:33:13; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32576
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 3; -178.9; 23-MAY-2008 21:50:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32576
 4; -12.6; 23-MAY-2008 21:53:33; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;32576
 5; 89.2; 23-MAY-2008 21:55:14; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32577
 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
 9; 1092.4; 23-MAY-2008 22:11:58; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32577
10; 1213.4; 23-MAY-2008 22:13:59; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32577
11; 1383.8; 23-MAY-2008 22:16:49; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32577
12; 1526.6; 23-MAY-2008 22:19:12; Bright; 41.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 83; 0;32577
13; 1638.5; 23-MAY-2008 22:21:04; Bright; 30.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 60; 0;32577
14; 1735.4; 23-MAY-2008 22:22:41; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32577
15; 1839.7; 23-MAY-2008 22:24:25; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32577
16; 2023.6; 23-MAY-2008 22:27:29; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32577
17; 2370.0; 23-MAY-2008 22:33:15; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32577
18; 2560.1; 23-MAY-2008 22:36:25; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32577
19; 3042.3; 23-MAY-2008 22:44:27; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32577
20; 3171.8; 23-MAY-2008 22:46:37; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;32577
21; 3446.7; 23-MAY-2008 22:51:12; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32577
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
24; 4382.3; 23-MAY-2008 23:06:47; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32577
25; 4534.8; 23-MAY-2008 23:09:20; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32577
26; 4803.9; 23-MAY-2008 23:13:49; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32577
27; 5333.4; 23-MAY-2008 23:22:39; Dark ; 5.0; 52; 16Bet Cet ; 2.04; 4500;occ; 10; 0;32577
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 2; -295.9; 23-MAY-2008 23:29:25; Dark ; 44.5; 84; Alp Phe ; 2.40; 4500;occ; 89; 0;32577
 3; -178.3; 23-MAY-2008 23:31:23; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32577
 4; -11.9; 23-MAY-2008 23:34:09; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32577
 5; 90.0; 23-MAY-2008 23:35:51; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32578
 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
 8; 982.3; 23-MAY-2008 23:50:43; Dark ; 49.0; 40; The Sco ; 1.86; 7100;occ; 98; 0;32578
 9; 1092.9; 23-MAY-2008 23:52:34; Dark ; 52.0; 25; 35Lam Sco ; 1.62; 28000;occ; 104; 0;32578
10; 1213.8; 23-MAY-2008 23:54:35; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32578
11; 1384.0; 23-MAY-2008 23:57:25; Dark ; 52.0; 16; 21Alp Sco ; 1.02; 3000;occ; 104; 0;32578
12; 1526.8; 23-MAY-2008 23:59:48; Bright; 40.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 80; 0;32578
13; 1735.5; 24-MAY-2008 00:03:17; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32578
14; 1839.5; 24-MAY-2008 00:05:01; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32578
15; 2023.5; 24-MAY-2008 00:08:04; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32578

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16; 2369.8; 24-MAY-2008 00:13:51; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32578
 17; 2559.9; 24-MAY-2008 00:17:01; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32578
 18; 3041.8; 24-MAY-2008 00:25:03; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32578
 19; 3171.7; 24-MAY-2008 00:27:13; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32578
 20; 3446.7; 24-MAY-2008 00:31:48; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32578
 21; 3936.6; 24-MAY-2008 00:39:58; Bright; 52.0; 76; 27Gam Cas ; 2.30; 30000;occ; 104; 0;32578
 22; 4008.5; 24-MAY-2008 00:41:09; Bright; 54.5; 68; 18Alp Cas ; 2.22; 4500;occ; 109; 0;32578
 23; 4382.4; 24-MAY-2008 00:47:23; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32578
 24; 4535.1; 24-MAY-2008 00:49:56; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32578
 25; 4804.2; 24-MAY-2008 00:54:25; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32578
 26; 5333.9; 24-MAY-2008 01:03:15; Dark ; 39.5; 52; 16Bet Cet ; 2.04; 4500;occ; 79; 0;32578

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 3;-1654.9; 23-MAY-2008 06:20:47; Bright; 48.0; 53; 43Bet And ; 2.05; 3300;occ; 96; 0;32567
 4;-1502.8; 23-MAY-2008 06:23:19; Dark ; 49.0; 58; 21Alp And ; 2.07; 11000;occ; 98; 0;32567
 5;-1235.8; 23-MAY-2008 06:27:46; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32567
 6; -706.9; 23-MAY-2008 06:36:35; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32567
 7; -183.8; 23-MAY-2008 06:45:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32567
 8; -19.4; 23-MAY-2008 06:48:02; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;32567
 9; 81.5; 23-MAY-2008 06:49:43; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32568
 10; 404.1; 23-MAY-2008 06:55:06; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32568
 11; 810.6; 23-MAY-2008 07:01:52; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32568
 12; 977.0; 23-MAY-2008 07:04:39; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32568
 13; 1087.8; 23-MAY-2008 07:06:30; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32568
 14; 1210.1; 23-MAY-2008 07:08:32; Dark ; 50.5; 75; 26Eps Sco ; 2.29; 4250;occ; 101; 0;32568
 15; 1381.6; 23-MAY-2008 07:11:23; Dark ; 56.0; 16; 21Alp Sco ; 1.02; 3000;occ; 112; 0;32568
 16; 1525.2; 23-MAY-2008 07:13:47; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32568
 17; 1631.4; 23-MAY-2008 07:15:33; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32568
 18; 1734.8; 23-MAY-2008 07:17:17; Bright; 28.5; 104; 27Bet Lib ; 2.61; 13100;occ; 57; 0;32568

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

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 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


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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
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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
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23; 7246.8; 23-MAY-2008 10:29:44; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;32569
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25; 7561.6; 23-MAY-2008 10:34:59; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32569
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3; 2024.6; 23-MAY-2008 10:43:18; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32570
4; 2370.2; 23-MAY-2008 10:49:04; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;32570
5; 2560.1; 23-MAY-2008 10:52:14; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32570
6; 3044.9; 23-MAY-2008 11:00:18; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32570
7; 3172.3; 23-MAY-2008 11:02:26; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32570
8; 3446.7; 23-MAY-2008 11:07:00; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32570
9; 3936.9; 23-MAY-2008 11:15:10; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32570
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6; 2370.3; 23-MAY-2008 14:10:16; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32572
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9; 2370.0; 23-MAY-2008 17:31:27; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;32574
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19; 5332.3; 23-MAY-2008 18:20:50; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32574
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23; 3040.8; 24-MAY-2008 05:26:50; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32581
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 10; 3685.8; 24-MAY-2008 17:21:46; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32588
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6; 821.8; 25-MAY-2008 02:37:37; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32594
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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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21; 3035.6; 25-MAY-2008 04:55:07; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32595
22; 3170.6; 25-MAY-2008 04:57:22; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 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
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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
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13; 3935.3; 25-MAY-2008 21:56:06; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32605
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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
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6; 826.8; 25-MAY-2008 22:44:54; Dark ; 42.0; 141; Bet Ara ; 2.84; 4600;occ; 84; 0;32606
7; 1052.9; 25-MAY-2008 22:48:40; Dark ; 25.0; 38; 20Eps Sgr ; 1.84; 11000;occ; 50; 0;32606
8; 1107.0; 25-MAY-2008 22:49:34; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32606
9; 1223.7; 25-MAY-2008 22:51:31; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32606
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22; 4540.1; 25-MAY-2008 23:46:47; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32606
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13; 5342.9; 25-MAY-2008 08:54:47; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32597
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22;	7385.8;	25-MAY-2008	11:09:25;	Dark	;	40.5;	136;	23Tau Sco	;	2.82;	30000;occ;	81;	0;	32598
23;	7566.0;	25-MAY-2008	11:12:26;	Bright;	;	40.0;	97;	8Bet1Sco	;	2.56;	30000;occ;	80;	0;	32598
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2;	1837.8;	25-MAY-2008	11:17:33;	Bright;	;	42.5;	120;	1Del Oph	;	2.73;	3200;occ;	85;	0;	32599
3;	2021.0;	25-MAY-2008	11:20:36;	Bright;	;	38.5;	102;	24Alp Ser	;	2.60;	4250;occ;	77;	0;	32599
4;	2369.2;	25-MAY-2008	11:26:25;	Bright;	;	37.5;	83;		;	2.38;	11000;occ;	75;	0;	32599
5;	3034.0;	25-MAY-2008	11:37:29;	Bright;	;	38.5;	119;	14Eta Dra	;	2.73;	4700;occ;	77;	0;	32599
6;	3170.3;	25-MAY-2008	11:39:46;	Bright;	;	35.5;	60;	7Bet UMi	;	2.08;	3950;occ;	71;	0;	32599
7;	3680.0;	25-MAY-2008	11:48:15;	Bright;	;	46.5;	89;	5Alp Cep	;	2.45;	8000;occ;	93;	0;	32599
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11;	4538.9;	25-MAY-2008	12:02:34;	Dark	;	49.0;	58;	21Alp And	;	2.07;	11000;occ;	98;	0;	32599
12;	4812.4;	25-MAY-2008	12:07:08;	Dark	;	46.0;	140;	88Gam Peg	;	2.83;	26000;occ;	92;	0;	32599
13;	5343.8;	25-MAY-2008	12:15:59;	Dark	;	42.5;	52;	16Bet Cet	;	2.04;	4500;occ;	85;	0;	32599
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15;	6040.9;	25-MAY-2008	12:27:36;	Dark	;	46.5;	63;	Bet Gru	;	2.15;	2800;occ;	93;	0;	32599
16;	6145.0;	25-MAY-2008	12:29:20;	Dark	;	44.0;	31;	Alp Gru	;	1.73;	15200;occ;	88;	0;	32599
17;	6462.5;	25-MAY-2008	12:34:38;	Dark	;	42.0;	45;	Alp Pav	;	1.94;	26000;occ;	84;	0;	32599
18;	6860.4;	25-MAY-2008	12:41:16;	Dark	;	42.0;	141;	Bet Ara	;	2.84;	4600;occ;	84;	0;	32599
19;	7029.8;	25-MAY-2008	12:44:05;	Dark	;	47.0;	40;	The Sco	;	1.86;	7100;occ;	94;	0;	32599
20;	7140.0;	25-MAY-2008	12:45:55;	Dark	;	48.0;	25;	35Lam Sco	;	1.62;	28000;occ;	96;	0;	32599
21;	7257.6;	25-MAY-2008	12:47:53;	Dark	;	45.0;	75;	26Eps Sco	;	2.29;	4250;occ;	90;	0;	32599
22;	7386.1;	25-MAY-2008	12:50:02;	Dark	;	44.0;	136;	23Tau Sco	;	2.82;	30000;occ;	88;	0;	32599
23;	7566.2;	25-MAY-2008	12:53:02;	Bright;	;	40.0;	97;	8Bet1Sco	;	2.56;	30000;occ;	80;	0;	32599
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5;	-1497.7;	25-MAY-2008	05:20:10;	Dark	;	46.5;	58;	21Alp And	;	2.07;	11000;occ;	93;	0;	32595
6;	-1224.9;	25-MAY-2008	05:24:43;	Dark	;	46.0;	140;	88Gam Peg	;	2.83;	26000;occ;	92;	0;	32595
7;	-694.0;	25-MAY-2008	05:33:34;	Dark	;	43.5;	52;	16Bet Cet	;	2.04;	4500;occ;	87;	0;	32595
8;	-168.2;	25-MAY-2008	05:42:20;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	32595
9;	1.9;	25-MAY-2008	05:45:10;	Dark	;	59.0;	63;	Bet Gru	;	2.15;	2800;occ;	118;	0;	32596
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13;	991.9;	25-MAY-2008	06:01:40;	Dark	;	50.5;	40;	The Sco	;	1.86;	7100;occ;	101;	0;	32596
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16;	1388.7;	25-MAY-2008	06:08:16;	Dark	;	59.0;	16;	21Alp Sco	;	1.02;	3000;occ;	118;	0;	32596
17;	1529.8;	25-MAY-2008	06:10:37;	Bright;	;	40.0;	97;	8Bet1Sco	;	2.56;	30000;occ;	80;	0;	32596
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19;	1838.1;	25-MAY-2008	06:15:46;	Bright;	;	42.5;	120;	1Del Oph	;	2.73;	3200;occ;	85;	0;	32596
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22;	3035.2;	25-MAY-2008	06:35:43;	Bright;	;	40.0;	119;	14Eta Dra	;	2.73;	4700;occ;	80;	0;	32596
23;	3170.5;	25-MAY-2008	06:37:58;	Bright;	;	36.0;	60;	7Bet UMi	;	2.08;	3950;occ;	72;	0;	32596
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4;	2369.2;	25-MAY-2008	13:07:01;	Bright;	;	34.5;	83;		;	2.38;	11000;occ;	69;	0;	32600
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7;	3935.8;	25-MAY-2008	13:33:07;	Bright;	;	35.5;	76;	27Gam Cas	;	2.30;	30000;occ;	71;	0;	32600

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11; 4812.9; 25-MAY-2008 13:47:44; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32600
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6; 2020.7; 25-MAY-2008 16:22:24; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32602
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3; 1222.8; 25-MAY-2008 17:49:42; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;32603
4; 1351.2; 25-MAY-2008 17:51:50; Dark ; 41.5; 136; 23Tau Sco ; 2.82; 30000;occ; 83; 0;32603
5; 1530.9; 25-MAY-2008 17:54:50; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32603
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17; 2566.9; 27-MAY-2008 00:22:53; Bright; 43.5; 133; 40Zet Her ; 2.81; 6000;occ; 87; 0;32621
18; 3026.2; 27-MAY-2008 00:30:32; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32621
19; 3169.0; 27-MAY-2008 00:32:55; Bright; 32.5; 60; 7Bet UMi ; 2.08; 3950;occ; 65; 0;32621
20; 3667.8; 27-MAY-2008 00:41:14; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32621
21; 3934.4; 27-MAY-2008 00:45:40; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;32621
22; 4387.2; 27-MAY-2008 00:53:13; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32621
23; 4543.0; 27-MAY-2008 00:55:49; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32621
24; 4821.5; 27-MAY-2008 01:00:27; Dark ; 50.0; 140; 88Gam Peg ; 2.83; 26000;occ; 100; 0;32621
25; 5354.7; 27-MAY-2008 01:09:21; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32621
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2; -2100.8; 26-MAY-2008 06:19:06; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;32610
3; -1649.9; 26-MAY-2008 06:26:37; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;32610
4; -1494.9; 26-MAY-2008 06:29:12; Dark ; 51.5; 58; 21Alp And ; 2.07; 11000;occ; 103; 0;32610
5; -1218.9; 26-MAY-2008 06:33:48; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;32610

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7; -159.5; 26-MAY-2008 06:51:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32610
8; 13.7; 26-MAY-2008 06:54:20; Dark ; 58.5; 63; Bet Gru ; 2.15; 2800;occ; 117; 0;32611
9; 118.9; 26-MAY-2008 06:56:06; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32611
10; 434.4; 26-MAY-2008 07:01:21; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32611
11; 829.1; 26-MAY-2008 07:07:56; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32611
12; 999.6; 26-MAY-2008 07:10:46; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32611
13; 1109.4; 26-MAY-2008 07:12:36; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32611
14; 1225.7; 26-MAY-2008 07:14:32; Dark ; 45.5; 75; 26Eps Sco ; 2.29; 4250;occ; 91; 0;32611
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2; 1837.0; 26-MAY-2008 07:24:44; Bright; 42.0; 120; 1Del Oph ; 2.73; 3200;occ; 84; 0;32611
3; 2019.7; 26-MAY-2008 07:27:46; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32611
4; 2382.3; 26-MAY-2008 07:33:49; Bright; 40.0; 67; 5Alp CrB ; 2.22; 11000;occ; 80; 0;32611
5; 2573.5; 26-MAY-2008 07:37:00; Bright; 35.0; 133; 40Zet Her ; 2.81; 6000;occ; 70; 0;32611
6; 3030.0; 26-MAY-2008 07:44:37; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32611
7; 3169.5; 26-MAY-2008 07:46:56; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;32611
8; 3673.3; 26-MAY-2008 07:55:20; Bright; 52.0; 89; 5Alp Cep ; 2.45; 8000;occ; 104; 0;32611
9; 3935.1; 26-MAY-2008 07:59:42; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32611
10; 4386.2; 26-MAY-2008 08:07:13; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;32611
11; 4541.2; 26-MAY-2008 08:09:48; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32611
12; 4817.4; 26-MAY-2008 08:14:24; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32611
13; 5349.7; 26-MAY-2008 08:23:16; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32611
14; 5877.0; 26-MAY-2008 08:32:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32611
15; 6050.4; 26-MAY-2008 08:34:57; Dark ; 59.0; 63; Bet Gru ; 2.15; 2800;occ; 118; 0;32611
16; 6155.7; 26-MAY-2008 08:36:42; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32611
17; 6471.0; 26-MAY-2008 08:41:58; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32611
18; 6865.5; 26-MAY-2008 08:48:32; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32611
19; 7036.1; 26-MAY-2008 08:51:23; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32611
20; 7145.8; 26-MAY-2008 08:53:12; Dark ; 47.0; 25; 35Lam Sco ; 1.62; 28000;occ; 94; 0;32611
21; 7262.0; 26-MAY-2008 08:55:09; Dark ; 42.5; 75; 26Eps Sco ; 2.29; 4250;occ; 85; 0;32611
22; 7389.5; 26-MAY-2008 08:57:16; Dark ; 42.0; 136; 23Tau Sco ; 2.82; 30000;occ; 84; 0;32611
23; 7520.3; 26-MAY-2008 08:59:27; Bright; 40.5; 80; 7Del Sco ; 2.32; 30000;occ; 81; 0;32611
24; 7620.0; 26-MAY-2008 09:01:07; Bright; 26.0; 86; 35Eta Oph ; 2.43; 10200;occ; 52; 0;32611
25; 7774.6; 26-MAY-2008 09:03:41; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32611

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2; 1837.0; 26-MAY-2008 09:05:20; Bright; 41.5; 120; 1Del Oph ; 2.73; 3200;occ; 83; 0;32612
3; 2019.5; 26-MAY-2008 09:08:22; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32612
4; 2382.0; 26-MAY-2008 09:14:25; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32612
5; 2572.9; 26-MAY-2008 09:17:35; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32612
6; 3029.5; 26-MAY-2008 09:25:12; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32612
7; 3169.5; 26-MAY-2008 09:27:32; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32612
8; 3672.8; 26-MAY-2008 09:35:55; Bright; 68.0; 89; 5Alp Cep ; 2.45; 8000;occ; 136; 0;32612
9; 3935.0; 26-MAY-2008 09:40:18; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32612
10; 4386.3; 26-MAY-2008 09:47:49; Bright; 55.0; 53; 43Bet And ; 2.05; 3300;occ; 110; 0;32612
11; 4541.4; 26-MAY-2008 09:50:24; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32612
12; 4817.8; 26-MAY-2008 09:55:00; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32612
13; 5350.2; 26-MAY-2008 10:03:53; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32612
14; 5877.5; 26-MAY-2008 10:12:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32612
15; 6051.1; 26-MAY-2008 10:15:34; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;32612
16; 6156.5; 26-MAY-2008 10:17:19; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32612
17; 6471.6; 26-MAY-2008 10:22:34; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32612
18; 6865.9; 26-MAY-2008 10:29:08; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32612
19; 7036.5; 26-MAY-2008 10:31:59; Dark ; 46.0; 40; The Sco ; 1.86; 7100;occ; 92; 0;32612
20; 7146.3; 26-MAY-2008 10:33:49; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;32612
21; 7262.3; 26-MAY-2008 10:35:45; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32612
22; 7389.8; 26-MAY-2008 10:37:52; Dark ; 42.5; 136; 23Tau Sco ; 2.82; 30000;occ; 85; 0;32612
23; 7520.3; 26-MAY-2008 10:40:03; Bright; 41.5; 80; 7Del Sco ; 2.32; 30000;occ; 83; 0;32612
24; 7620.0; 26-MAY-2008 10:41:43; Bright; 25.5; 86; 35Eta Oph ; 2.43; 10200;occ; 51; 0;32612

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2; 1837.0; 26-MAY-2008 10:45:55; Bright; 42.0; 120; 1Del Oph ; 2.73; 3200;occ; 84; 0;32613
3; 2019.5; 26-MAY-2008 10:48:58; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32613
4; 2381.9; 26-MAY-2008 10:55:00; Bright; 38.5; 67; 5Alp CrB ; 2.22; 11000;occ; 77; 0;32613
5; 2572.1; 26-MAY-2008 10:58:11; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32613

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7; 3169.4; 26-MAY-2008 11:08:08; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32613
8; 3672.2; 26-MAY-2008 11:16:31; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32613
9; 3934.9; 26-MAY-2008 11:20:53; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32613
10; 4386.4; 26-MAY-2008 11:28:25; Bright; 39.5; 53; 43Bet And ; 2.05; 3300;occ; 79; 0;32613
11; 4541.5; 26-MAY-2008 11:31:00; Dark ; 50.5; 58; 21Alp And ; 2.07; 11000;occ; 101; 0;32613
12; 4818.3; 26-MAY-2008 11:35:37; Dark ; 49.0; 140; 88Gam Peg ; 2.83; 26000;occ; 98; 0;32613
13; 5350.7; 26-MAY-2008 11:44:29; Dark ; 45.0; 52; 16Bet Cet ; 2.04; 4500;occ; 90; 0;32613
14; 5878.1; 26-MAY-2008 11:53:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32613
15; 6051.9; 26-MAY-2008 11:56:10; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;32613
16; 6157.4; 26-MAY-2008 11:57:56; Dark ; 47.5; 31; Alp Gru ; 1.73; 15200;occ; 95; 0;32613
17; 6472.3; 26-MAY-2008 12:03:11; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32613
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19; 7037.0; 26-MAY-2008 12:12:35; Dark ; 45.5; 40; The Sco ; 1.86; 7100;occ; 91; 0;32613
20; 7146.6; 26-MAY-2008 12:14:25; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32613
21; 7262.6; 26-MAY-2008 12:16:21; Dark ; 44.5; 75; 26Eps Sco ; 2.29; 4250;occ; 89; 0;32613
22; 7390.1; 26-MAY-2008 12:18:29; Dark ; 41.5; 136; 23Tau Sco ; 2.82; 30000;occ; 83; 0;32613
23; 7520.5; 26-MAY-2008 12:20:39; Bright; 56.0; 80; 7Del Sco ; 2.32; 30000;occ; 112; 0;32613
24; 7620.1; 26-MAY-2008 12:22:19; Bright; 31.5; 86; 35Eta Oph ; 2.43; 10200;occ; 63; 0;32613
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3; 2019.4; 26-MAY-2008 12:29:34; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32614
4; 2381.5; 26-MAY-2008 12:35:36; Bright; 37.0; 67; 5Alp CrB ; 2.22; 11000;occ; 74; 0;32614
5; 2571.5; 26-MAY-2008 12:38:46; Bright; 48.0; 133; 40Zet Her ; 2.81; 6000;occ; 96; 0;32614
6; 3028.9; 26-MAY-2008 12:46:23; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32614
7; 3169.4; 26-MAY-2008 12:48:44; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32614
8; 3671.7; 26-MAY-2008 12:57:06; Bright; 44.5; 89; 5Alp Cep ; 2.45; 8000;occ; 89; 0;32614
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13; 5351.2; 26-MAY-2008 13:25:06; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32614
14; 5878.7; 26-MAY-2008 13:33:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32614
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23; 7520.8; 26-MAY-2008 14:01:15; Bright; 40.0; 80; 7Del Sco ; 2.32; 30000;occ; 80; 0;32614
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2; 1584.3; 26-MAY-2008 14:02:55; Bright; 32.0; 86; 35Eta Oph ; 2.43; 10200;occ; 64; 0;32615
3; 1739.1; 26-MAY-2008 14:05:29; Bright; 35.5; 104; 27Bet Lib ; 2.61; 13100;occ; 71; 0;32615
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6; 2381.5; 26-MAY-2008 14:16:12; Bright; 37.0; 67; 5Alp CrB ; 2.22; 11000;occ; 74; 0;32615
7; 2570.7; 26-MAY-2008 14:19:21; Bright; 43.5; 133; 40Zet Her ; 2.81; 6000;occ; 87; 0;32615
8; 3028.5; 26-MAY-2008 14:26:59; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32615
9; 3169.4; 26-MAY-2008 14:29:20; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32615
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12; 4386.7; 26-MAY-2008 14:49:37; Bright; 42.0; 53; 43Bet And ; 2.05; 3300;occ; 84; 0;32615
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19; 6473.8; 26-MAY-2008 15:24:24; Dark ; 44.5; 45; Alp Pav ; 1.94; 26000;occ; 89; 0;32615
20; 6867.2; 26-MAY-2008 15:30:57; Dark ; 43.5; 141; Bet Ara ; 2.84; 4600;occ; 87; 0;32615
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22; 7147.8; 26-MAY-2008 15:35:38; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32615
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13; 1588.6; 29-MAY-2008 22:31:43; Bright; 46.5; 86; 35Eta Oph ; 2.43; 10200;occ; 93; 0;32663
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16; 2015.9; 29-MAY-2008 22:38:51; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;32663
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5; 2016.2; 29-MAY-2008 14:15:51; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32658
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9; 3167.3; 29-MAY-2008 14:35:02; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32658
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21; 6884.7; 29-MAY-2008 15:37:00; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32658
22; 7058.9; 29-MAY-2008 15:39:54; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32658
23; 7167.6; 29-MAY-2008 15:41:43; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32658


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6; 2016.1; 29-MAY-2008 15:56:27; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32659
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9; 3014.0; 29-MAY-2008 16:13:05; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32659
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 2; -657.9; 30-MAY-2008 01:15:29; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32664
 3; -151.2; 30-MAY-2008 01:23:55; Dark ; 59.5; 18; 24Alp PsA ; 1.17; 9700;occ; 119; 0;32664
 4; 57.3; 30-MAY-2008 01:27:24; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;32665
 5; 167.7; 30-MAY-2008 01:29:14; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32665
 6; 471.9; 30-MAY-2008 01:34:18; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32665
 7; 850.9; 30-MAY-2008 01:40:37; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32665
 8; 925.2; 30-MAY-2008 01:41:52; Dark ; 41.5; 147; Alp Ara ; 2.88; 26000;occ; 83; 0;32665
 9; 1025.7; 30-MAY-2008 01:43:32; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;32665
 10; 1134.2; 30-MAY-2008 01:45:21; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32665
 11; 1243.4; 30-MAY-2008 01:47:10; Dark ; 44.5; 75; 26Eps Sco ; 2.29; 4250;occ; 89; 0;32665
 12; 1367.1; 30-MAY-2008 01:49:14; Dark ; 54.0; 136; 23Tau Sco ; 2.82; 30000;occ; 108; 0;32665
 13; 1493.7; 30-MAY-2008 01:51:20; Bright; 40.0; 80; 7Del Sco ; 2.32; 30000;occ; 80; 0;32665
 14; 1588.9; 30-MAY-2008 01:52:55; Bright; 47.0; 86; 35Eta Oph ; 2.43; 10200;occ; 94; 0;32665
 15; 1702.0; 30-MAY-2008 01:54:49; Bright; 43.5; 98; 13Zet Oph ; 2.57; 30000;occ; 87; 0;32665
 16; 1834.6; 30-MAY-2008 01:57:01; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;32665
 17; 2015.8; 30-MAY-2008 02:00:02; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32665
 18; 2372.4; 30-MAY-2008 02:05:59; Bright; 36.5; 67; 5Alp CrB ; 2.22; 11000;occ; 73; 0;32665
 19; 2541.1; 30-MAY-2008 02:08:48; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32665
 20; 3011.9; 30-MAY-2008 02:16:38; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;32665
 21; 3166.8; 30-MAY-2008 02:19:13; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32665
 22; 3642.9; 30-MAY-2008 02:27:09; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32665

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 3; -1484.5; 30-MAY-2008 02:42:18; Dark ; 53.5; 58; 21Alp And ; 2.07; 11000;occ; 107; 0;32665
 4; -1194.4; 30-MAY-2008 02:47:08; Dark ; 50.0; 140; 88Gam Peg ; 2.83; 26000;occ; 100; 0;32665
 5; -774.1; 30-MAY-2008 02:54:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32665
 6; -657.3; 30-MAY-2008 02:56:05; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32665
 7; -150.0; 30-MAY-2008 03:04:32; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;32665
 8; 58.2; 30-MAY-2008 03:08:01; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32666
 9; 168.7; 30-MAY-2008 03:09:51; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32666
 10; 472.6; 30-MAY-2008 03:14:55; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32666
 11; 852.7; 30-MAY-2008 03:21:15; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32666
 12; 1026.2; 30-MAY-2008 03:24:09; Dark ; 46.0; 40; The Sco ; 1.86; 7100;occ; 92; 0;32666
 13; 1134.8; 30-MAY-2008 03:25:57; Dark ; 43.5; 25; 35Lam Sco ; 1.62; 28000;occ; 87; 0;32666
 14; 1243.9; 30-MAY-2008 03:27:46; Dark ; 48.0; 75; 26Eps Sco ; 2.29; 4250;occ; 96; 0;32666
 15; 1367.5; 30-MAY-2008 03:29:50; Dark ; 41.0; 136; 23Tau Sco ; 2.82; 30000;occ; 82; 0;32666
 16; 1494.1; 30-MAY-2008 03:31:57; Bright; 39.0; 80; 7Del Sco ; 2.32; 30000;occ; 78; 0;32666
 17; 1589.0; 30-MAY-2008 03:33:31; Bright; 46.5; 86; 35Eta Oph ; 2.43; 10200;occ; 93; 0;32666
 18; 1702.2; 30-MAY-2008 03:35:25; Bright; 42.0; 98; 13Zet Oph ; 2.57; 30000;occ; 84; 0;32666
 19; 1834.7; 30-MAY-2008 03:37:37; Bright; 40.5; 120; 1Del Oph ; 2.73; 3200;occ; 81; 0;32666
 20; 2015.8; 30-MAY-2008 03:40:38; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32666
 21; 2372.5; 30-MAY-2008 03:46:35; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32666
 22; 2540.6; 30-MAY-2008 03:49:23; Bright; 44.5; 133; 40Zet Her ; 2.81; 6000;occ; 89; 0;32666
 23; 3011.9; 30-MAY-2008 03:57:14; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32666
 24; 3167.0; 30-MAY-2008 03:59:49; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32666
 25; 3642.5; 30-MAY-2008 04:07:45; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;32666

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 3; -1643.9; 30-MAY-2008 04:20:15; Bright; 42.5; 53; 43Bet And ; 2.05; 3300;occ; 85; 0;32666
 4; -1484.3; 30-MAY-2008 04:22:54; Dark ; 49.5; 58; 21Alp And ; 2.07; 11000;occ; 99; 0;32666
 5; -1194.1; 30-MAY-2008 04:27:44; Dark ; 49.5; 140; 88Gam Peg ; 2.83; 26000;occ; 99; 0;32666
 6; -773.3; 30-MAY-2008 04:34:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32666
 7; -656.7; 30-MAY-2008 04:36:42; Dark ; 47.0; 52; 16Bet Cet ; 2.04; 4500;occ; 94; 0;32666

8; -148.8; 30-MAY-2008 04:45:10; Dark ; 64.5; 18; 24Alp PsA ; 1.17; 9700;occ; 129; 0;32666
 9; 59.0; 30-MAY-2008 04:48:37; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;32667
 10; 169.5; 30-MAY-2008 04:50:28; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32667
 11; 473.3; 30-MAY-2008 04:55:32; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32667
 12; 855.8; 30-MAY-2008 05:01:54; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32667
 13; 1026.7; 30-MAY-2008 05:04:45; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;32667
 14; 1135.2; 30-MAY-2008 05:06:34; Dark ; 44.0; 25; 35Lam Sco ; 1.62; 28000;occ; 88; 0;32667
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 16; 1367.8; 30-MAY-2008 05:10:26; Dark ; 50.5; 136; 23Tau Sco ; 2.82; 30000;occ; 101; 0;32667
 17; 1494.2; 30-MAY-2008 05:12:33; Bright; 39.0; 80; 7Del Sco ; 2.32; 30000;occ; 78; 0;32667
 18; 1589.2; 30-MAY-2008 05:14:08; Bright; 46.0; 86; 35Eta Oph ; 2.43; 10200;occ; 92; 0;32667
 19; 1702.1; 30-MAY-2008 05:16:01; Bright; 40.5; 98; 13Zet Oph ; 2.57; 30000;occ; 81; 0;32667
 20; 1834.6; 30-MAY-2008 05:18:13; Bright; 40.5; 120; 1Del Oph ; 2.73; 3200;occ; 81; 0;32667
 21; 2015.8; 30-MAY-2008 05:21:14; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;32667
 22; 2372.2; 30-MAY-2008 05:27:11; Bright; 35.5; 67; 5Alp CrB ; 2.22; 11000;occ; 71; 0;32667
 23; 2540.0; 30-MAY-2008 05:29:58; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32667
 24; 3011.5; 30-MAY-2008 05:37:50; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32667
 25; 3168.7; 30-MAY-2008 05:40:27; Bright; 31.5; 60; 7Bet UMi ; 2.08; 3950;occ; 63; 0;32667
 26; 3641.8; 30-MAY-2008 05:48:20; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;32667

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 2; 1030.7; 30-MAY-2008 20:10:13; Dark ; 46.0; 40; The Sco ; 1.86; 7100;occ; 92; 0;32676
 3; 1139.0; 30-MAY-2008 20:12:01; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;32676
 4; 1247.0; 30-MAY-2008 20:13:49; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32676
 5; 1370.0; 30-MAY-2008 20:15:52; Dark ; 51.5; 136; 23Tau Sco ; 2.82; 30000;occ; 103; 0;32676
 6; 1495.8; 30-MAY-2008 20:17:58; Bright; 38.5; 80; 7Del Sco ; 2.32; 30000;occ; 77; 0;32676
 7; 1590.0; 30-MAY-2008 20:19:32; Bright; 45.0; 86; 35Eta Oph ; 2.43; 10200;occ; 90; 0;32676
 8; 1702.2; 30-MAY-2008 20:21:24; Bright; 41.5; 98; 13Zet Oph ; 2.57; 30000;occ; 83; 0;32676
 9; 1834.4; 30-MAY-2008 20:23:36; Bright; 40.0; 120; 1Del Oph ; 2.73; 3200;occ; 80; 0;32676
 10; 2015.4; 30-MAY-2008 20:26:37; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;32676
 11; 2370.9; 30-MAY-2008 20:32:33; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32676
 12; 2535.2; 30-MAY-2008 20:35:17; Bright; 43.5; 133; 40Zet Her ; 2.81; 6000;occ; 87; 0;32676
 13; 3008.7; 30-MAY-2008 20:43:11; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32676
 14; 3636.5; 30-MAY-2008 20:53:39; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;32676
 15; 3930.4; 30-MAY-2008 20:58:32; Bright; 55.0; 76; 27Gam Cas ; 2.30; 30000;occ; 110; 0;32676
 16; 4393.0; 30-MAY-2008 21:06:15; Bright; 41.5; 53; 43Bet And ; 2.05; 3300;occ; 83; 0;32676
 17; 4553.7; 30-MAY-2008 21:08:56; Dark ; 53.5; 58; 21Alp And ; 2.07; 11000;occ; 107; 0;32676
 18; 4846.8; 30-MAY-2008 21:13:49; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;32676
 19; 5270.9; 30-MAY-2008 21:20:53; Dark ; 6.5; 0; ; 0.00; 0;occ; 13; 0;32676

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 2;-2104.6; 30-MAY-2008 05:53:10; Bright; 36.0; 76; 27Gam Cas ; 2.30; 30000;occ; 72; 0;32667
 3;-1643.8; 30-MAY-2008 06:00:51; Bright; 42.0; 53; 43Bet And ; 2.05; 3300;occ; 84; 0;32667
 4;-1484.2; 30-MAY-2008 06:03:30; Dark ; 51.0; 58; 21Alp And ; 2.07; 11000;occ; 102; 0;32667
 5;-1193.5; 30-MAY-2008 06:08:21; Dark ; 50.0; 140; 88Gam Peg ; 2.83; 26000;occ; 100; 0;32667
 6; -772.4; 30-MAY-2008 06:15:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32667
 7; -656.1; 30-MAY-2008 06:17:18; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32667
 8; -147.6; 30-MAY-2008 06:25:47; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;32667
 9; 59.8; 30-MAY-2008 06:29:14; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32668
 10; 170.4; 30-MAY-2008 06:31:05; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32668
 11; 474.0; 30-MAY-2008 06:36:09; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32668
 12; 926.5; 30-MAY-2008 06:43:41; Dark ; 40.5; 147; Alp Ara ; 2.88; 26000;occ; 81; 0;32668
 13; 1027.1; 30-MAY-2008 06:45:22; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;32668
 14; 1135.6; 30-MAY-2008 06:47:10; Dark ; 48.5; 25; 35Lam Sco ; 1.62; 28000;occ; 97; 0;32668
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 16; 1368.0; 30-MAY-2008 06:51:02; Dark ; 41.5; 136; 23Tau Sco ; 2.82; 30000;occ; 83; 0;32668
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 18; 1589.1; 30-MAY-2008 06:54:44; Bright; 45.0; 86; 35Eta Oph ; 2.43; 10200;occ; 90; 0;32668
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 3; 2015.7; 30-MAY-2008 07:01:50; Bright; 37.0; 102; 24Alp Ser ; 2.60; 4250;occ; 74; 0;32668
 4; 2372.0; 30-MAY-2008 07:07:46; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;32668
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 6; 3011.3; 30-MAY-2008 07:18:26; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;32668
 7; 3641.3; 30-MAY-2008 07:28:56; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32668
 8; 3931.2; 30-MAY-2008 07:33:46; Bright; 39.0; 76; 27Gam Cas ; 2.30; 30000;occ; 78; 0;32668


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11; 4842.9; 30-MAY-2008 07:48:57; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32668
12; 5264.3; 30-MAY-2008 07:55:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32668
13; 5380.4; 30-MAY-2008 07:57:55; Dark ; 46.5; 52; 16Bet Cet ; 2.04; 4500;occ; 93; 0;32668
14; 5783.3; 30-MAY-2008 08:04:38; Dark ; 44.0; 84; Alp Phe ; 2.40; 4500;occ; 88; 0;32668
15; 5889.7; 30-MAY-2008 08:06:24; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;32668
16; 6096.6; 30-MAY-2008 08:09:51; Dark ; 61.0; 63; Bet Gru ; 2.15; 2800;occ; 122; 0;32668
17; 6207.3; 30-MAY-2008 08:11:42; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32668
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21; 7171.9; 30-MAY-2008 08:27:46; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32668
22; 7280.8; 30-MAY-2008 08:29:35; Dark ; 42.0; 75; 26Eps Sco ; 2.29; 4250;occ; 84; 0;32668
23; 7404.3; 30-MAY-2008 08:31:39; Dark ; 39.0; 136; 23Tau Sco ; 2.82; 30000;occ; 78; 0;32668
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3; 2371.8; 30-MAY-2008 08:48:22; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32669
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5; 3010.8; 30-MAY-2008 08:59:01; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32669
6; 3640.7; 30-MAY-2008 09:09:31; Bright; 46.0; 89; 5Alp Cep ; 2.45; 8000;occ; 92; 0;32669
7; 3931.1; 30-MAY-2008 09:14:22; Bright; 54.5; 76; 27Gam Cas ; 2.30; 30000;occ; 109; 0;32669
8; 4392.3; 30-MAY-2008 09:22:03; Bright; 40.5; 53; 43Bet And ; 2.05; 3300;occ; 81; 0;32669
9; 4552.2; 30-MAY-2008 09:24:43; Dark ; 53.5; 58; 21Alp And ; 2.07; 11000;occ; 107; 0;32669
10; 4843.3; 30-MAY-2008 09:29:34; Dark ; 47.5; 140; 88Gam Peg ; 2.83; 26000;occ; 95; 0;32669
11; 5265.1; 30-MAY-2008 09:36:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32669
12; 5380.9; 30-MAY-2008 09:38:31; Dark ; 48.5; 52; 16Bet Cet ; 2.04; 4500;occ; 97; 0;32669
13; 5783.8; 30-MAY-2008 09:45:14; Dark ; 41.0; 84; Alp Phe ; 2.40; 4500;occ; 82; 0;32669
14; 5890.8; 30-MAY-2008 09:47:01; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;32669
15; 6097.4; 30-MAY-2008 09:50:28; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;32669
16; 6208.2; 30-MAY-2008 09:52:19; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;32669
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20; 7172.4; 30-MAY-2008 10:08:23; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32669
21; 7281.0; 30-MAY-2008 10:10:11; Dark ; 37.0; 75; 26Eps Sco ; 2.29; 4250;occ; 74; 0;32669
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4; 1589.3; 30-MAY-2008 10:15:56; Bright; 46.5; 86; 35Eta Oph ; 2.43; 10200;occ; 93; 0;32670
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3; 2371.7; 30-MAY-2008 10:28:58; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32670
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5; 3010.4; 30-MAY-2008 10:39:37; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32670
6; 3640.1; 30-MAY-2008 10:50:06; Bright; 47.0; 89; 5Alp Cep ; 2.45; 8000;occ; 94; 0;32670
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16; 6209.2; 30-MAY-2008 11:32:55; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32670
17; 6512.0; 30-MAY-2008 11:37:58; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32670
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17; 5269.4; 30-MAY-2008 17:59:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32674
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19; 5786.6; 30-MAY-2008 18:08:17; Dark ; 40.5; 84; Alp Phe ; 2.40; 4500;occ; 81; 0;32674
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22; 5898.2; 30-MAY-2008 19:50:44; Dark ; 60.5; 18; 24Alp PsA ; 1.17; 9700;occ; 121; 0;32675
23; 6102.5; 30-MAY-2008 19:54:09; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;32675
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3; 1251.3; 31-MAY-2008 19:42:16; Dark ; 45.5; 75; 26Eps Sco ; 2.29; 4250;occ; 91; 0;32690
4; 1373.3; 31-MAY-2008 19:44:18; Dark ; 45.5; 136; 23Tau Sco ; 2.82; 30000;occ; 91; 0;32690
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6; 1591.2; 31-MAY-2008 19:47:56; Bright; 44.0; 86; 35Eta Oph ; 2.43; 10200;occ; 88; 0;32690
7; 1702.9; 31-MAY-2008 19:49:48; Bright; 41.5; 98; 13Zet Oph ; 2.57; 30000;occ; 83; 0;32690
8; 1834.0; 31-MAY-2008 19:51:59; Bright; 39.5; 120; 1Del Oph ; 2.73; 3200;occ; 79; 0;32690
9; 2014.8; 31-MAY-2008 19:55:00; Bright; 36.5; 102; 24Alp Ser ; 2.60; 4250;occ; 73; 0;32690
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7; 936.1; 31-MAY-2008 21:17:37; Dark ; 39.0; 147; Alp Ara ; 2.88; 26000;occ; 78; 0;32691
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22; 4394.4; 31-MAY-2008 22:15:15; Bright; 44.0; 53; 43Bet And ; 2.05; 3300;occ; 88; 0;32691
23; 4556.7; 31-MAY-2008 22:17:58; Dark ; 53.5; 58; 21Alp And ; 2.07; 11000;occ; 107; 0;32691
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6; 3136.2; 31-MAY-2008 13:31:17; Bright; 59.5; 0; ; 0.00; 0;occ; 119; 0;32686
7; 3442.8; 31-MAY-2008 13:36:24; Bright; 59.5; 0; ; 0.00; 0;occ; 119; 0;32686
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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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14; 6468.4; 31-MAY-2008 16:07:26; Dark ; 98.5; 45; Alp Pav ; 1.94; 26000;occ; 197; 0;32687
15; 6916.9; 31-MAY-2008 16:14:54; Dark ; 93.0; 147; Alp Ara ; 2.88; 26000;occ; 186; 0;32687
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 15; 1833.9; 31-MAY-2008 23:13:11; Bright; 38.5; 120; 1Del Oph ; 2.73; 3200;occ; 77; 0;32692
 16; 2014.7; 31-MAY-2008 23:16:12; Bright; 36.5; 102; 24Alp Ser ; 2.60; 4250;occ; 73; 0;32692
 17; 2368.8; 31-MAY-2008 23:22:06; Bright; 38.0; 67; 5Alp CrB ; 2.22; 11000;occ; 76; 0;32692
 18; 2527.0; 31-MAY-2008 23:24:44; Bright; 42.0; 133; 40Zet Her ; 2.81; 6000;occ; 84; 0;32692
 19; 3003.9; 31-MAY-2008 23:32:41; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32692
 20; 3627.1; 31-MAY-2008 23:43:04; Bright; 45.0; 89; 5Alp Cep ; 2.45; 8000;occ; 90; 0;32692
 21; 3928.8; 31-MAY-2008 23:48:06; Bright; 56.0; 76; 27Gam Cas ; 2.30; 30000;occ; 112; 0;32692
 22; 4394.5; 31-MAY-2008 23:55:51; Bright; 40.0; 53; 43Bet And ; 2.05; 3300;occ; 80; 0;32692
 23; 4556.8; 31-MAY-2008 23:58:34; Dark ; 53.0; 58; 21Alp And ; 2.07; 11000;occ; 106; 0;32692
 24; 4854.5; 01-JUN-2008 00:03:31; Dark ; 51.0; 140; 88Gam Peg ; 2.83; 26000;occ; 102; 0;32692
 25; 5284.7; 01-JUN-2008 00:10:42; Dark ; 37.0; 0; ; 0.00; 0;occ; 74; 0;32692

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1; 1085.8; 31-MAY-2008 17:58:55; Dark ; 106.5; 25; 35Lam Sco ; 1.62; 28000;occ; 213; 0;32689
 2; 1317.8; 31-MAY-2008 18:02:47; Dark ; 103.5; 136; 23Tau Sco ; 2.82; 30000;occ; 207; 0;32689
 3; 1527.9; 31-MAY-2008 18:06:17; Bright; 108.0; 86; 35Eta Oph ; 2.43; 10200;occ; 216; 0;32689
 4; 1778.1; 31-MAY-2008 18:10:27; Bright; 96.0; 120; 1Del Oph ; 2.73; 3200;occ; 192; 0;32689
 5; 1961.7; 31-MAY-2008 18:13:31; Bright; 90.5; 102; 24Alp Ser ; 2.60; 4250;occ; 181; 0;32689
 6; 2263.1; 31-MAY-2008 18:18:32; Bright; 103.0; 127; 27Bet Her ; 2.78; 4700;occ; 206; 0;32689
 7; 2469.1; 31-MAY-2008 18:21:58; Bright; 102.5; 133; 40Zet Her ; 2.81; 6000;occ; 205; 0;32689
 8; 2951.7; 31-MAY-2008 18:30:01; Bright; 93.5; 119; 14Eta Dra ; 2.73; 4700;occ; 187; 0;32689
 9; 3563.0; 31-MAY-2008 18:40:12; Bright; 112.0; 89; 5Alp Cep ; 2.45; 8000;occ; 224; 0;32689
 10; 3874.9; 31-MAY-2008 18:45:24; Bright; 100.0; 76; 27Gam Cas ; 2.30; 30000;occ; 200; 0;32689
 11; 4338.6; 31-MAY-2008 18:53:08; Bright; 99.0; 53; 43Bet And ; 2.05; 3300;occ; 198; 0;32689
 12; 4489.9; 31-MAY-2008 18:55:39; Dark ; 116.5; 58; 21Alp And ; 2.07; 11000;occ; 233; 0;32689
 13; 4786.6; 31-MAY-2008 19:00:36; Dark ; 117.0; 140; 88Gam Peg ; 2.83; 26000;occ; 234; 0;32689
 14; 5282.2; 31-MAY-2008 19:08:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32689
 15; 5846.5; 31-MAY-2008 19:18:16; Dark ; 122.0; 18; 24Alp PsA ; 1.17; 9700;occ; 244; 0;32689
 16; 6114.3; 31-MAY-2008 19:22:43; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;32689
 17; 6227.0; 31-MAY-2008 19:24:36; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32689
 18; 6525.1; 31-MAY-2008 19:29:34; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32689
 19; 6971.7; 31-MAY-2008 19:37:01; Dark ; 39.0; 147; Alp Ara ; 2.88; 26000;occ; 78; 0;32689
 20; 7073.0; 31-MAY-2008 19:38:42; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;32689