

GOMOS Daily Report 07-MAY-2008

Level 0 and Level 1 products

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This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM_TRA_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	09MAY2008 09:31:47
Data source version	GOMOS/5.00
Start time of products	07-MAY-2008 (07MAY2008 00:00:00)
Stop time of products	08-MAY-2008 (08MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 1b prods	151
Nb of prods with errors	1

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

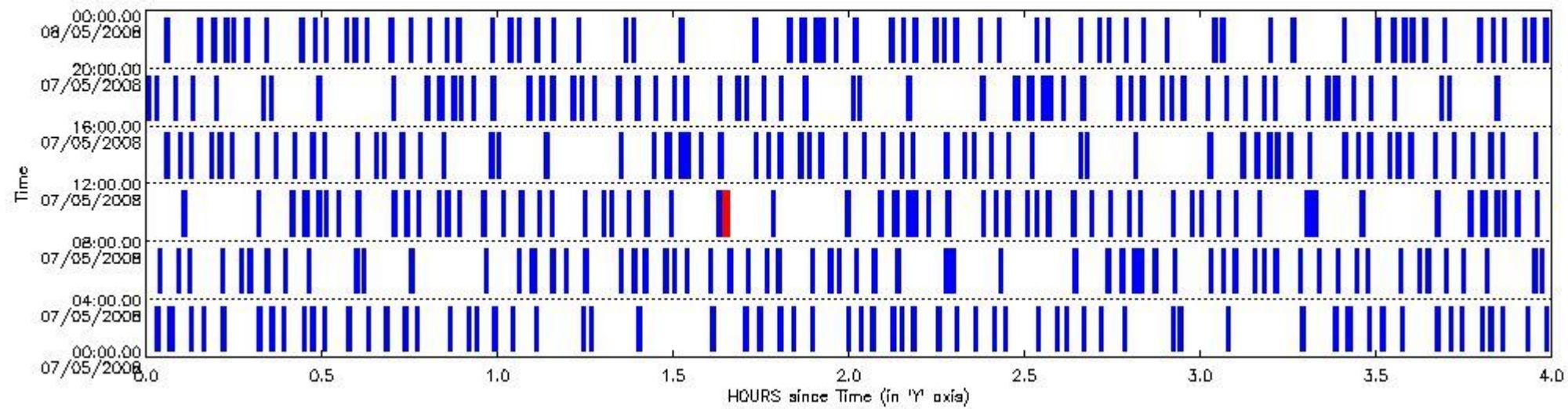
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
07-MAY-2008 09:38:36	18AlpCas	68	32340

2.4 Summary of processed GOM_TRA_1P products

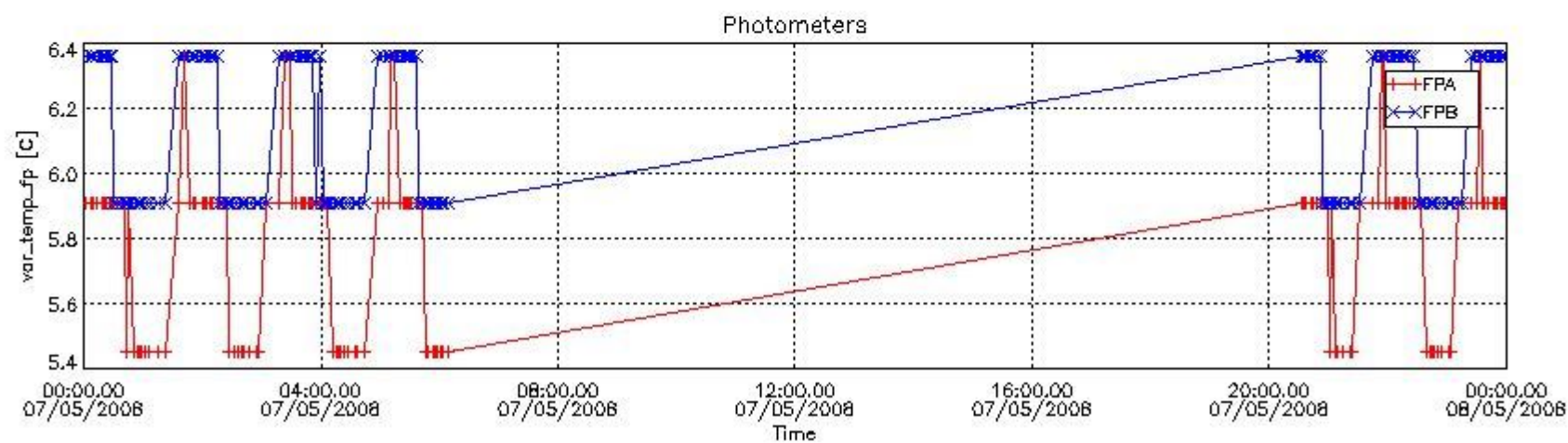
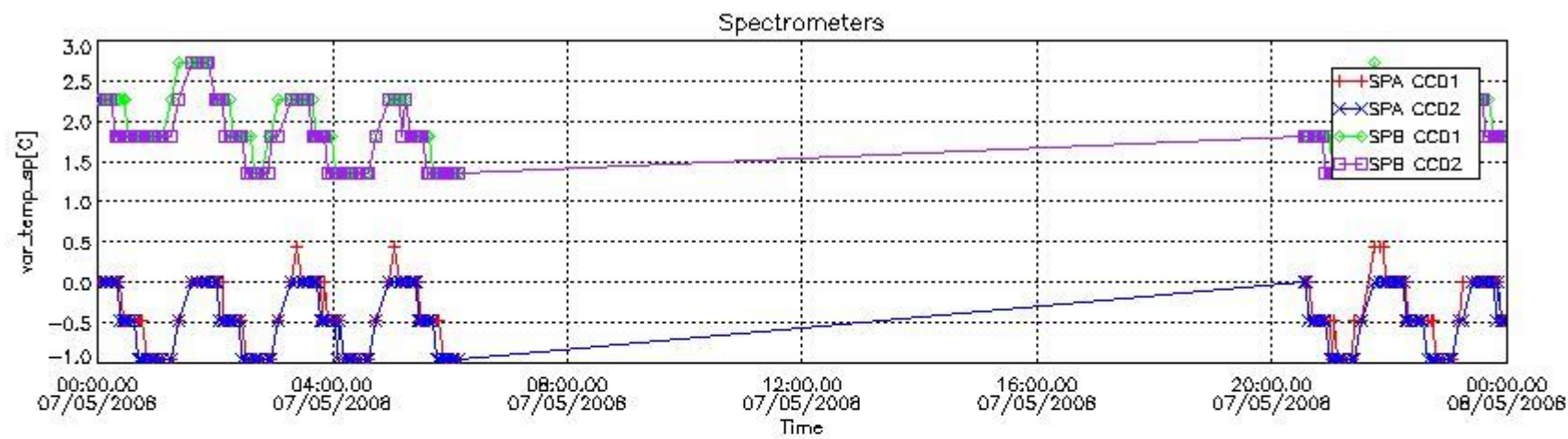
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20080507_000126_000000502068_00216_32334_1128.N1	07-MAY-2008 00:01:26	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	32334	No
2	GOM_TRA_1PNPDE20080507_000716_000000402068_00216_32334_1129.N1	07-MAY-2008 00:07:16	Dark	39.500	31	Alp Gru	1.7340	15200.	79	32334	No
3	GOM_TRA_1PNPDE20080507_000934_000000382068_00217_32335_1130.N1	07-MAY-2008 00:09:34	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	32335	No
4	GOM_TRA_1PNPDE20080507_001251_000000422068_00217_32335_1131.N1	07-MAY-2008 00:12:51	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32335	No
5	GOM_TRA_1PNPDE20080507_001858_000000482068_00217_32335_1132.N1	07-MAY-2008 00:18:58	Straylight	48.000	43	Alp TrA	1.9100	4250.0	96	32335	No
6	GOM_TRA_1PNPDE20080507_002110_000000372068_00217_32335_1133.N1	07-MAY-2008 00:21:10	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32335	No
7	GOM_TRA_1PNPDE20080507_002305_000000392068_00217_32335_1134.N1	07-MAY-2008 00:23:05	Straylight	39.000	4	Alp1Cen	-0.010000	5800.0	78	32335	No
8	GOM_TRA_1PNPDE20080507_002634_000000412068_00217_32335_1135.N1	07-MAY-2008 00:26:34	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	32335	No
9	GOM_TRA_1PNPDE20080507_002806_000000392068_00217_32335_1136.N1	07-MAY-2008 00:28:06	Straylight	39.000	81	Eta Cen	2.3560	28000.	78	32335	No
10	GOM_TRA_1PNPDE20080507_003006_000000432068_00217_32335_1137.N1	07-MAY-2008 00:30:06	Twi_and_stray	43.000	54	5The Cen	2.0550	4500.0	86	32335	No

11	GOM_TRA_1PNPDE20080507_003418_000000382068_00217_32335_1138.N1	07-MAY-2008 00:34:18	Bright	37.500	169	46Gam Hya	2.9910	4700.0	75	32335	No
12	GOM_TRA_1PNPDE20080507_003734_000000392068_00217_32335_1139.N1	07-MAY-2008 00:37:34	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	32335	No
13	GOM_TRA_1PNPDE20080507_004043_000000362068_00217_32335_1140.N1	07-MAY-2008 00:40:43	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	32335	No
14	GOM_TRA_1PNPDE20080507_004355_000000352068_00217_32335_1141.N1	07-MAY-2008 00:43:55	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32335	No
15	GOM_TRA_1PNPDE20080507_004553_000000362068_00217_32335_1142.N1	07-MAY-2008 00:45:53	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	32335	No
16	GOM_TRA_1PNPDE20080507_005133_000000342068_00217_32335_1143.N1	07-MAY-2008 00:51:33	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32335	No
17	GOM_TRA_1PNPDE20080507_005444_000000362068_00217_32335_1144.N1	07-MAY-2008 00:54:44	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32335	No
18	GOM_TRA_1PNPDE20080507_005612_000000352068_00217_32335_1145.N1	07-MAY-2008 00:56:12	Bright	35.000	55	79Zet UMa	2.0600	10200.	70	32335	No
19	GOM_TRA_1PNPDE20080507_005910_000000372068_00217_32335_1146.N1	07-MAY-2008 00:59:10	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	32335	No
20	GOM_TRA_1PNPDE20080507_010211_000000372068_00217_32335_1147.N1	07-MAY-2008 01:02:11	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32335	No
21	GOM_TRA_1PNPDE20080507_010615_000000362068_00217_32335_1148.N1	07-MAY-2008 01:06:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32335	No
22	GOM_TRA_1PNPDE20080507_011422_000000332068_00217_32335_1149.N1	07-MAY-2008 01:14:22	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	32335	No
23	GOM_TRA_1PNPDE20080507_011537_000000342068_00217_32335_1150.N1	07-MAY-2008 01:15:37	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	32335	No
24	GOM_TRA_1PNPDE20080507_012344_000000542068_00217_32335_1151.N1	07-MAY-2008 01:23:44	Bright	53.500	58	21Alp And	2.0730	11000.	107	32335	No
25	GOM_TRA_1PNPDE20080507_013627_000000412068_00217_32335_1284.N1	07-MAY-2008 01:36:27	Dark	40.500	52	16Bet Cet	2.0370	4500.0	81	32335	No
26	GOM_TRA_1PNPDE20080507_014202_000000482068_00217_32335_1285.N1	07-MAY-2008 01:42:02	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	32335	No
27	GOM_TRA_1PNPDE20080507_014753_000000412068_00217_32335_1286.N1	07-MAY-2008 01:47:53	Dark	41.000	31	Alp Gru	1.7340	15200.	82	32335	No
28	GOM_TRA_1PNPDE20080507_015010_000000382068_00218_32336_1287.N1	07-MAY-2008 01:50:10	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	32336	No
29	GOM_TRA_1PNPDE20080507_015327_000000412068_00218_32336_1288.N1	07-MAY-2008 01:53:27	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32336	No
30	GOM_TRA_1PNPDE20080507_015935_000000392068_00218_32336_1289.N1	07-MAY-2008 01:59:35	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	32336	No
31	GOM_TRA_1PNPDE20080507_020147_000000382068_00218_32336_1290.N1	07-MAY-2008 02:01:47	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32336	No
32	GOM_TRA_1PNPDE20080507_020341_000000442068_00218_32336_1291.N1	07-MAY-2008 02:03:41	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	32336	No
33	GOM_TRA_1PNPDE20080507_020710_000000392068_00218_32336_1292.N1	07-MAY-2008 02:07:10	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	32336	No
34	GOM_TRA_1PNPDE20080507_020842_000000392068_00218_32336_1293.N1	07-MAY-2008 02:08:42	Straylight	38.500	81	Eta Cen	2.3560	28000.	77	32336	No
35	GOM_TRA_1PNPDE20080507_021042_000000432068_00218_32336_1294.N1	07-MAY-2008 02:10:42	Twilight_stray	43.000	54	5The Cen	2.0550	4500.0	86	32336	No
36	GOM_TRA_1PNPDE20080507_021454_000000452068_00218_32336_1295.N1	07-MAY-2008 02:14:54	Bright	44.500	169	46Gam Hya	2.9910	4700.0	89	32336	No
37	GOM_TRA_1PNPDE20080507_021810_000000382068_00218_32336_1296.N1	07-MAY-2008 02:18:10	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32336	No
38	GOM_TRA_1PNPDE20080507_022119_000000362068_00218_32336_1297.N1	07-MAY-2008 02:21:19	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	32336	No
39	GOM_TRA_1PNPDE20080507_022431_000000352068_00218_32336_1298.N1	07-MAY-2008 02:24:31	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32336	No
40	GOM_TRA_1PNPDE20080507_022628_000000372068_00218_32336_1299.N1	07-MAY-2008 02:26:28	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	32336	No
41	GOM_TRA_1PNPDE20080507_023208_000000342068_00218_32336_1300.N1	07-MAY-2008 02:32:08	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32336	No
42	GOM_TRA_1PNPDE20080507_023520_000000352068_00218_32336_1301.N1	07-MAY-2008 02:35:20	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32336	No
43	GOM_TRA_1PNPDE20080507_023647_000000362068_00218_32336_1302.N1	07-MAY-2008 02:36:47	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	32336	No
44	GOM_TRA_1PNPDE20080507_023946_000000352068_00218_32336_1303.N1	07-MAY-2008 02:39:46	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	32336	No
45	GOM_TRA_1PNPDE20080507_024247_000000372068_00218_32336_1304.N1	07-MAY-2008 02:42:47	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32336	No
46	GOM_TRA_1PNPDE20080507_024651_000000342068_00218_32336_1305.N1	07-MAY-2008 02:46:51	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32336	No
47	GOM_TRA_1PNPDE20080507_025458_000000342068_00218_32336_1443.N1	07-MAY-2008 02:54:58	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32336	No
48	GOM_TRA_1PNPDE20080507_025613_000000522068_00218_32336_1444.N1	07-MAY-2008 02:56:13	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	32336	No
49	GOM_TRA_1PNPDE20080507_030420_000000342068_00218_32336_1445.N1	07-MAY-2008 03:04:20	Bright	33.500	58	21Alp And	2.0730	11000.	67	32336	No
50	GOM_TRA_1PNPDE20080507_031703_000000412068_00218_32336_1446.N1	07-MAY-2008 03:17:03	Dark	41.000	52	16Bet Cet	2.0370	4500.0	82	32336	No
51	GOM_TRA_1PNPDE20080507_032239_000000442068_00218_32336_1447.N1	07-MAY-2008 03:22:39	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	32336	No
52	GOM_TRA_1PNPDE20080507_032829_000000402068_00218_32336_1448.N1	07-MAY-2008 03:28:29	Dark	40.000	31	Alp Gru	1.7340	15200.	80	32336	No
53	GOM_TRA_1PNPDE20080507_033047_000000392068_00219_32337_1449.N1	07-MAY-2008 03:30:47	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32337	No
54	GOM_TRA_1PNPDE20080507_033404_000000412068_00219_32337_1450.N1	07-MAY-2008 03:34:04	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32337	No
55	GOM_TRA_1PNPDE20080507_034011_000000462068_00219_32337_1451.N1	07-MAY-2008 03:40:11	Straylight	45.500	43	Alp TrA	1.9100	4250.0	91	32337	No
56	GOM_TRA_1PNPDE20080507_034223_000000372068_00219_32337_1452.N1	07-MAY-2008 03:42:23	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32337	No
57	GOM_TRA_1PNPDE20080507_034417_000000382068_00219_32337_1453.N1	07-MAY-2008 03:44:17	Straylight	37.500	4	Alp1Cen	-0.010000	5800.0	75	32337	No
58	GOM_TRA_1PNPDE20080507_034747_000000382068_00219_32337_1454.N1	07-MAY-2008 03:47:47	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	32337	No
59	GOM_TRA_1PNPDE20080507_034918_000000382068_00219_32337_1455.N1	07-MAY-2008 03:49:18	Straylight	37.500	81	Eta Cen	2.3560	28000.	75	32337	No
60	GOM_TRA_1PNPDE20080507_035119_000000422068_00219_32337_1456.N1	07-MAY-2008 03:51:19	Twilight_stray	42.000	54	5The Cen	2.0550	4500.0	84	32337	No
61	GOM_TRA_1PNPDE20080507_035530_000000422068_00219_32337_1457.N1	07-MAY-2008 03:55:30	Bright	42.000	169	46Gam Hya	2.9910	4700.0	84	32337	No
62	GOM_TRA_1PNPDE20080507_035846_000000382068_00219_32337_1458.N1	07-MAY-2008 03:58:46	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32337	No
63	GOM_TRA_1PNPDE20080507_040155_000000372068_00219_32337_1459.N1	07-MAY-2008 04:01:55	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	32337	No
64	GOM_TRA_1PNPDE20080507_040507_000000352068_00219_32337_1460.N1	07-MAY-2008 04:05:07	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32337	No
65	GOM_TRA_1PNPDE20080507_040705_000000362068_00219_32337_1461.N1	07-MAY-2008 04:07:05	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	32337	No
66	GOM_TRA_1PNPDE20080507_041245_000000352068_00219_32337_1462.N1	07-MAY-2008 04:12:45	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	32337	No
67	GOM_TRA_1PNPDE20080507_041556_000000372068_00219_32337_1463.N1	07-MAY-2008 04:15:56	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32337	No
68	GOM_TRA_1PNPDE20080507_041723_000000362068_00219_32337_1464.N1	07-MAY-2008 04:17:23	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32337	No
69	GOM_TRA_1PNPDE20080507_042022_000000372068_00219_32337_1465.N1	07-MAY-2008 04:20:22	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	32337	No

70	GOM_TRA_1PNPDE20080507_042323_000000382068_00219_32337_1466.N1	07-MAY-2008 04:23:23	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32337	No
71	GOM_TRA_1PNPDE20080507_042727_000000362068_00219_32337_1467.N1	07-MAY-2008 04:27:27	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32337	No
72	GOM_TRA_1PNPDE20080507_043534_000000512068_00219_32337_1582.N1	07-MAY-2008 04:35:34	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	32337	No
73	GOM_TRA_1PNPDE20080507_043649_000000342068_00219_32337_1583.N1	07-MAY-2008 04:36:49	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	32337	No
74	GOM_TRA_1PNPDE20080507_044457_000000392068_00219_32337_1584.N1	07-MAY-2008 04:44:57	Bright	38.500	58	21Alp And	2.0730	11000.	77	32337	No
75	GOM_TRA_1PNPDE20080507_045739_000000452068_00219_32337_1585.N1	07-MAY-2008 04:57:39	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32337	No
76	GOM_TRA_1PNPDE20080507_050316_000000462068_00219_32337_1586.N1	07-MAY-2008 05:03:16	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	32337	No
77	GOM_TRA_1PNPDE20080507_050906_000000412068_00219_32337_1587.N1	07-MAY-2008 05:09:06	Dark	41.000	31	Alp Gru	1.7340	15200.	82	32337	No
78	GOM_TRA_1PNPDE20080507_051123_000000392068_00220_32338_1588.N1	07-MAY-2008 05:11:23	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32338	No
79	GOM_TRA_1PNPDE20080507_051441_000000402068_00220_32338_1589.N1	07-MAY-2008 05:14:41	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32338	No
80	GOM_TRA_1PNPDE20080507_052047_000000412068_00220_32338_1590.N1	07-MAY-2008 05:20:47	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	32338	No
81	GOM_TRA_1PNPDE20080507_052259_000000382068_00220_32338_1591.N1	07-MAY-2008 05:22:59	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32338	No
82	GOM_TRA_1PNPDE20080507_052454_000000432068_00220_32338_1592.N1	07-MAY-2008 05:24:54	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	32338	No
83	GOM_TRA_1PNPDE20080507_052823_000000382068_00220_32338_1593.N1	07-MAY-2008 05:28:23	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	32338	No
84	GOM_TRA_1PNPDE20080507_052955_000000372068_00220_32338_1594.N1	07-MAY-2008 05:29:55	Straylight	37.000	81	Eta Cen	2.3560	28000.	74	32338	No
85	GOM_TRA_1PNPDE20080507_053155_000000432068_00220_32338_1595.N1	07-MAY-2008 05:31:55	Twilight_stray	42.500	54	5The Cen	2.0550	4500.0	85	32338	No
86	GOM_TRA_1PNPDE20080507_053606_000000372068_00220_32338_1596.N1	07-MAY-2008 05:36:06	Bright	36.500	169	46Gam Hya	2.9910	4700.0	73	32338	No
87	GOM_TRA_1PNPDE20080507_053922_000000382068_00220_32338_1597.N1	07-MAY-2008 05:39:22	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32338	No
88	GOM_TRA_1PNPDE20080507_054232_000000362068_00220_32338_1598.N1	07-MAY-2008 05:42:32	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	32338	No
89	GOM_TRA_1PNPDE20080507_054543_000000352068_00220_32338_1599.N1	07-MAY-2008 05:45:43	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32338	No
90	GOM_TRA_1PNPDE20080507_054741_000000362068_00220_32338_1600.N1	07-MAY-2008 05:47:41	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	32338	No
91	GOM_TRA_1PNPDE20080507_055321_000000342068_00220_32338_1601.N1	07-MAY-2008 05:53:21	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	32338	No
92	GOM_TRA_1PNPDE20080507_055631_000000362068_00220_32338_1602.N1	07-MAY-2008 05:56:31	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32338	No
93	GOM_TRA_1PNPDE20080507_055759_000000352068_00220_32338_1603.N1	07-MAY-2008 05:57:59	Bright	35.000	55	79Zet UMa	2.0600	10200.	70	32338	No
94	GOM_TRA_1PNPDE20080507_060058_000000372068_00220_32338_1604.N1	07-MAY-2008 06:00:58	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32338	No
95	GOM_TRA_1PNPDE20080507_060359_000000422068_00220_32338_1605.N1	07-MAY-2008 06:03:59	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	32338	No
96	GOM_TRA_1PNPDE20080507_060803_000000362068_00220_32338_1606.N1	07-MAY-2008 06:08:03	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32338	No
97	GOM_TRA_1PNPDE20080507_203349_000000392068_00229_32347_2092.N1	07-MAY-2008 20:33:49	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	32347	No
98	GOM_TRA_1PNPDE20080507_203520_000000402068_00229_32347_2093.N1	07-MAY-2008 20:35:20	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32347	No
99	GOM_TRA_1PNPDE20080507_203720_000000422068_00229_32347_2094.N1	07-MAY-2008 20:37:20	Twilight_stray	41.500	54	5The Cen	2.0550	4500.0	83	32347	No
100	GOM_TRA_1PNPDE20080507_204131_000000382068_00229_32347_2095.N1	07-MAY-2008 20:41:31	Bright	37.500	169	46Gam Hya	2.9910	4700.0	75	32347	No
101	GOM_TRA_1PNPDE20080507_204447_000000382068_00229_32347_2096.N1	07-MAY-2008 20:44:47	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32347	No
102	GOM_TRA_1PNPDE20080507_204812_000000212068_00229_32347_2097.N1	07-MAY-2008 20:48:12	Bright	20.500	121	29Gam Vir	2.7400	7200.0	41	32347	Yes
103	GOM_TRA_1PNPDE20080507_205108_000000352068_00229_32347_2098.N1	07-MAY-2008 20:51:08	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32347	No
104	GOM_TRA_1PNPDE20080507_205303_000000362068_00229_32347_2099.N1	07-MAY-2008 20:53:03	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32347	No
105	GOM_TRA_1PNPDE20080507_205845_000000352068_00229_32347_2100.N1	07-MAY-2008 20:58:45	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	32347	No
106	GOM_TRA_1PNPDE20080507_210154_000000342068_00229_32347_2101.N1	07-MAY-2008 21:01:54	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	32347	No
107	GOM_TRA_1PNPDE20080507_210322_000000352068_00229_32347_2102.N1	07-MAY-2008 21:03:22	Bright	34.500	55	79Zet UMa	2.0600	10200.	69	32347	No
108	GOM_TRA_1PNPDE20080507_210625_000000392068_00229_32347_2103.N1	07-MAY-2008 21:06:25	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	32347	No
109	GOM_TRA_1PNPDE20080507_210921_000000352068_00229_32347_2104.N1	07-MAY-2008 21:09:21	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	32347	No
110	GOM_TRA_1PNPDE20080507_211327_000000372068_00229_32347_2105.N1	07-MAY-2008 21:13:27	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	32347	No
111	GOM_TRA_1PNPDE20080507_212134_000000332068_00229_32347_2106.N1	07-MAY-2008 21:21:34	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	32347	No
112	GOM_TRA_1PNPDE20080507_212249_000000352068_00229_32347_2107.N1	07-MAY-2008 21:22:49	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	32347	No
113	GOM_TRA_1PNPDE20080507_213058_000000482068_00229_32347_2108.N1	07-MAY-2008 21:30:58	Bright	48.000	58	21Alp And	2.0730	11000.	96	32347	No
114	GOM_TRA_1PNPDE20080507_214341_000000412068_00229_32347_2241.N1	07-MAY-2008 21:43:41	Dark	40.500	52	16Bet Cet	2.0370	4500.0	81	32347	No
115	GOM_TRA_1PNPDE20080507_214921_000000512068_00229_32347_2242.N1	07-MAY-2008 21:49:21	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	32347	No
116	GOM_TRA_1PNPDE20080507_215356_000000512068_00229_32347_2243.N1	07-MAY-2008 21:53:56	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32347	No
117	GOM_TRA_1PNPDE20080507_215512_000000412068_00229_32347_2244.N1	07-MAY-2008 21:55:12	Dark	41.000	31	Alp Gru	1.7340	15200.	82	32347	No
118	GOM_TRA_1PNPDE20080507_215727_000000382068_00230_32348_2245.N1	07-MAY-2008 21:57:27	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	32348	No
119	GOM_TRA_1PNPDE20080507_220047_000000402068_00230_32348_2246.N1	07-MAY-2008 22:00:47	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32348	No
120	GOM_TRA_1PNPDE20080507_220650_000000482068_00230_32348_2247.N1	07-MAY-2008 22:06:50	Straylight	48.000	43	Alp TrA	1.9100	4250.0	96	32348	No
121	GOM_TRA_1PNPDE20080507_220902_000000392068_00230_32348_2248.N1	07-MAY-2008 22:09:02	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	32348	No
122	GOM_TRA_1PNPDE20080507_221055_000000522068_00230_32348_2249.N1	07-MAY-2008 22:10:55	Straylight	51.500	4	Alp1Cen	-0.010000	5800.0	103	32348	No
123	GOM_TRA_1PNPDE20080507_221425_000000392068_00230_32348_2250.N1	07-MAY-2008 22:14:25	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	32348	No
124	GOM_TRA_1PNPDE20080507_221556_000000382068_00230_32348_2251.N1	07-MAY-2008 22:15:56	Straylight	37.500	81	Eta Cen	2.3560	28000.	75	32348	No
125	GOM_TRA_1PNPDE20080507_221756_000000412068_00230_32348_2252.N1	07-MAY-2008 22:17:56	Twilight_stray	41.000	54	5The Cen	2.0550	4500.0	82	32348	No
126	GOM_TRA_1PNPDE20080507_222207_000000372068_00230_32348_2253.N1	07-MAY-2008 22:22:07	Bright	37.000	169	46Gam Hya	2.9910	4700.0	74	32348	No
127	GOM_TRA_1PNPDE20080507_222523_000000372068_00230_32348_2254.N1	07-MAY-2008 22:25:23	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32348	No
128	GOM_TRA_1PNPDE20080507_223144_000000352068_00230_32348_2255.N1	07-MAY-2008 22:31:44	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32348	No

129	GOM_TRA_1PNPDE20080507_223339_000000352068_00230_32348_2256.N1	07-MAY-2008 22:33:39	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32348	No
130	GOM_TRA_1PNPDE20080507_223921_000000342068_00230_32348_2257.N1	07-MAY-2008 22:39:21	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32348	No
131	GOM_TRA_1PNPDE20080507_224230_000000362068_00230_32348_2258.N1	07-MAY-2008 22:42:30	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32348	No
132	GOM_TRA_1PNPDE20080507_224358_000000372068_00230_32348_2259.N1	07-MAY-2008 22:43:58	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	32348	No
133	GOM_TRA_1PNPDE20080507_224701_000000382068_00230_32348_2260.N1	07-MAY-2008 22:47:01	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	32348	No
134	GOM_TRA_1PNPDE20080507_224956_000000362068_00230_32348_2261.N1	07-MAY-2008 22:49:56	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	32348	No
135	GOM_TRA_1PNPDE20080507_225402_000000352068_00230_32348_2262.N1	07-MAY-2008 22:54:02	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32348	No
136	GOM_TRA_1PNPDE20080507_230210_000000352068_00230_32348_2263.N1	07-MAY-2008 23:02:10	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32348	No
137	GOM_TRA_1PNPDE20080507_230325_000000412068_00230_32348_2264.N1	07-MAY-2008 23:03:25	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	32348	No
138	GOM_TRA_1PNPDE20080507_231134_000000382068_00230_32348_2265.N1	07-MAY-2008 23:11:34	Bright	37.500	58	21Alp And	2.0730	11000.	75	32348	No
139	GOM_TRA_1PNPDE20080507_231531_000000402068_00230_32348_2266.N1	07-MAY-2008 23:15:31	Twilight	39.500	140	88Gam Peg	2.8340	26000.	79	32348	No
140	GOM_TRA_1PNPDE20080507_232417_000000402068_00230_32348_2267.N1	07-MAY-2008 23:24:17	Dark	40.000	52	16Bet Cet	2.0370	4500.0	80	32348	No
141	GOM_TRA_1PNPDE20080507_232958_000000532068_00230_32348_2389.N1	07-MAY-2008 23:29:58	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	32348	No
142	GOM_TRA_1PNPDE20080507_233433_000000452068_00230_32348_2390.N1	07-MAY-2008 23:34:33	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	32348	No
143	GOM_TRA_1PNPDE20080507_233548_000000422068_00230_32348_2391.N1	07-MAY-2008 23:35:48	Dark	41.500	31	Alp Gru	1.7340	15200.	83	32348	No
144	GOM_TRA_1PNPDE20080507_233803_000000392068_00231_32349_2392.N1	07-MAY-2008 23:38:03	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32349	No
145	GOM_TRA_1PNPDE20080507_234123_000000402068_00231_32349_2393.N1	07-MAY-2008 23:41:23	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32349	No
146	GOM_TRA_1PNPDE20080507_234726_000000412068_00231_32349_2394.N1	07-MAY-2008 23:47:26	Straylight	41.000	43	Alp TrA	1.9100	4250.0	82	32349	No
147	GOM_TRA_1PNPDE20080507_234938_000000372068_00231_32349_2395.N1	07-MAY-2008 23:49:38	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32349	No
148	GOM_TRA_1PNPDE20080507_235131_000000462068_00231_32349_2396.N1	07-MAY-2008 23:51:31	Straylight	45.500	4	Alp1Cen	-0.010000	5800.0	91	32349	No
149	GOM_TRA_1PNPDE20080507_235501_000000412068_00231_32349_2397.N1	07-MAY-2008 23:55:01	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	32349	No
150	GOM_TRA_1PNPDE20080507_235633_000000422068_00231_32349_2398.N1	07-MAY-2008 23:56:33	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	32349	No
151	GOM_TRA_1PNPDE20080507_235832_000000452068_00231_32349_2399.N1	07-MAY-2008 23:58:32	Twilight	45.000	54	5The Cen	2.0550	4500.0	90	32349	No

3. Plot of GOMOS spectrometers and photometers temperatures from level 1b data



4. Overview of dark signal processing per product

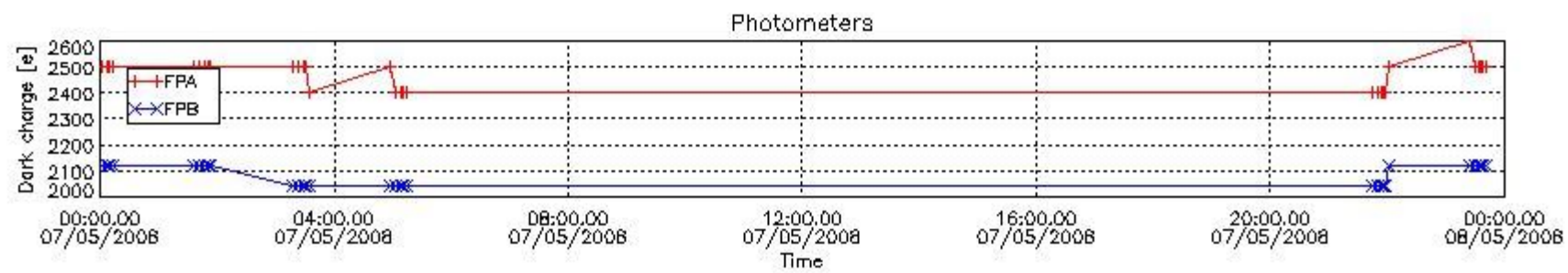
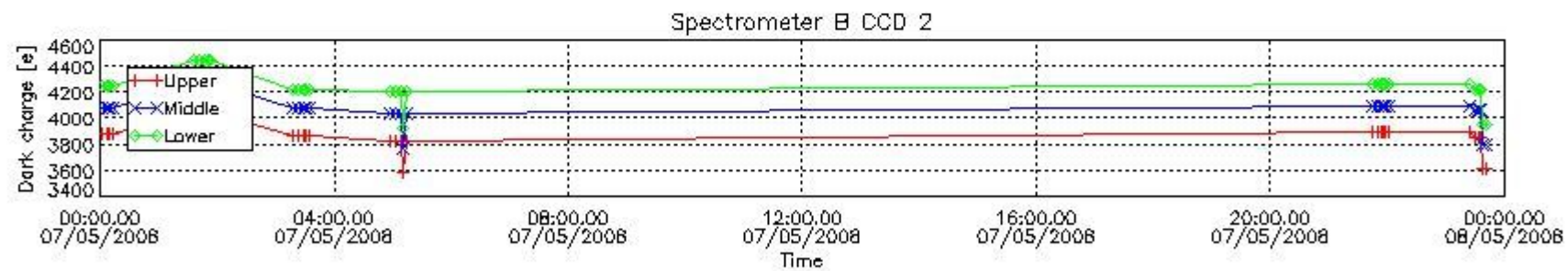
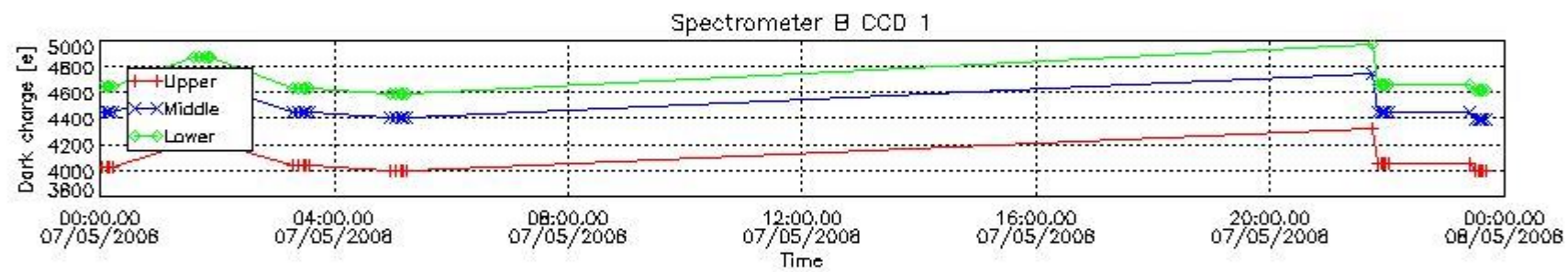
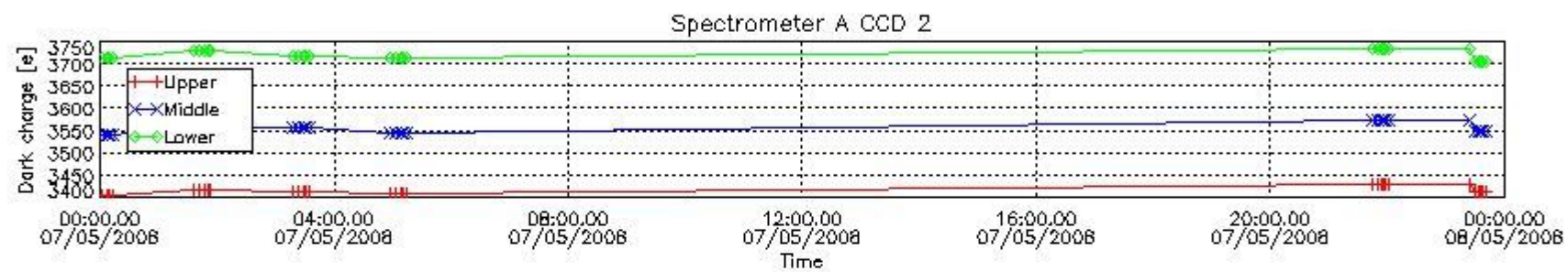
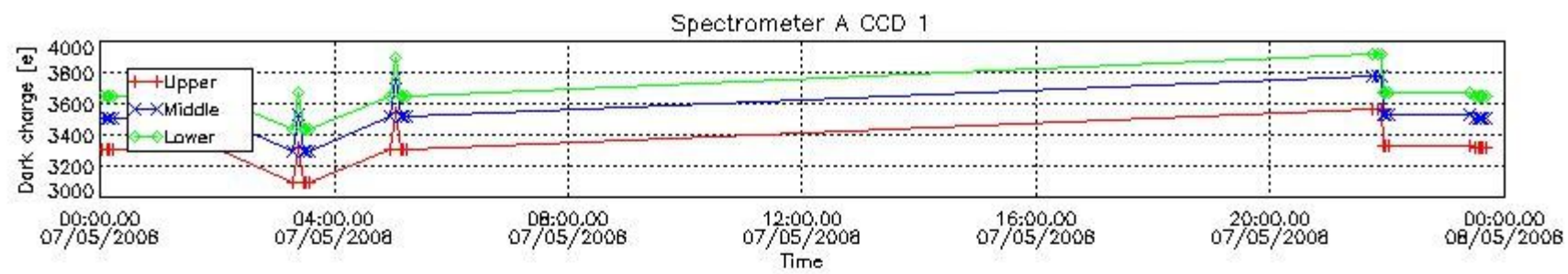
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

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

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

Product name	DC information
GOM_TRA_1PNPDE20080507_203349_000000392068_00229_32347_2092.N1	DC map used
GOM_TRA_1PNPDE20080507_203520_000000402068_00229_32347_2093.N1	DC map used
GOM_TRA_1PNPDE20080507_203720_000000422068_00229_32347_2094.N1	DC map used
GOM_TRA_1PNPDE20080507_204131_000000382068_00229_32347_2095.N1	DC map used
GOM_TRA_1PNPDE20080507_204447_000000382068_00229_32347_2096.N1	DC map used
GOM_TRA_1PNPDE20080507_204812_000000212068_00229_32347_2097.N1	DC map used
GOM_TRA_1PNPDE20080507_205108_000000352068_00229_32347_2098.N1	DC map used
GOM_TRA_1PNPDE20080507_205303_000000362068_00229_32347_2099.N1	DC map used
GOM_TRA_1PNPDE20080507_205845_000000352068_00229_32347_2100.N1	DC map used
GOM_TRA_1PNPDE20080507_210154_000000342068_00229_32347_2101.N1	DC map used
GOM_TRA_1PNPDE20080507_210322_000000352068_00229_32347_2102.N1	DC map used
GOM_TRA_1PNPDE20080507_210625_000000392068_00229_32347_2103.N1	DC map used
GOM_TRA_1PNPDE20080507_210921_000000352068_00229_32347_2104.N1	DC map used
GOM_TRA_1PNPDE20080507_211327_000000372068_00229_32347_2105.N1	DC map used
GOM_TRA_1PNPDE20080507_212134_000000332068_00229_32347_2106.N1	DC map used
GOM_TRA_1PNPDE20080507_212249_000000352068_00229_32347_2107.N1	DC map used
GOM_TRA_1PNPDE20080507_213058_000000482068_00229_32347_2108.N1	DC map used

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



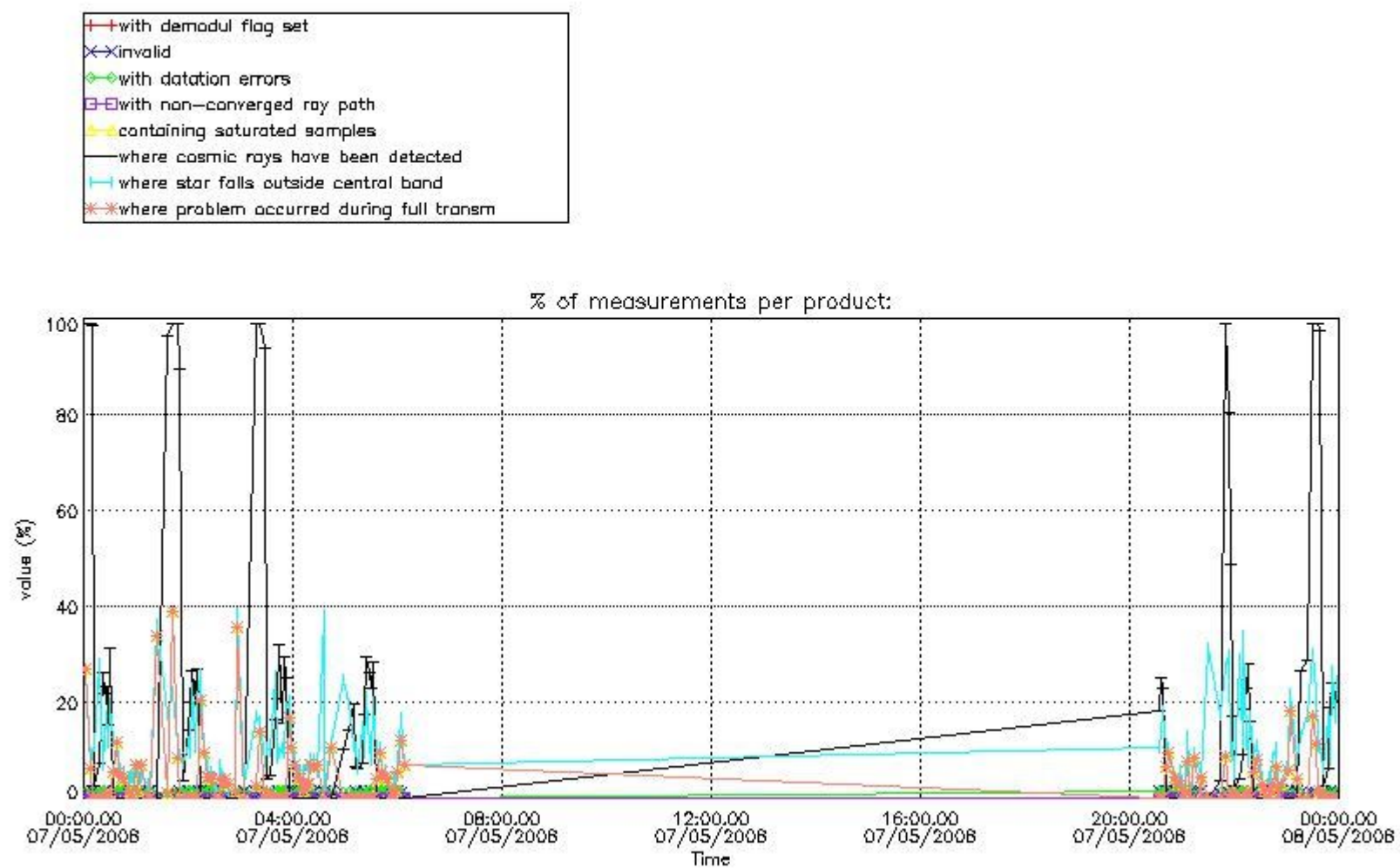
5. Demodulation flag and quality information monitoring

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.

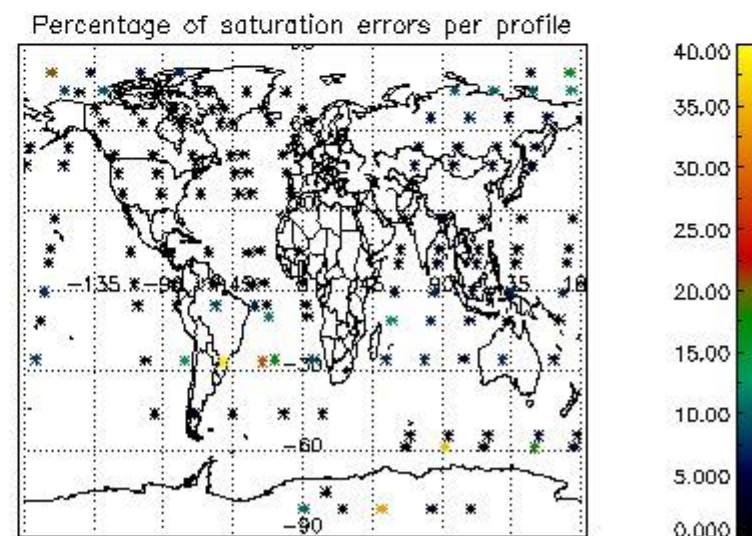
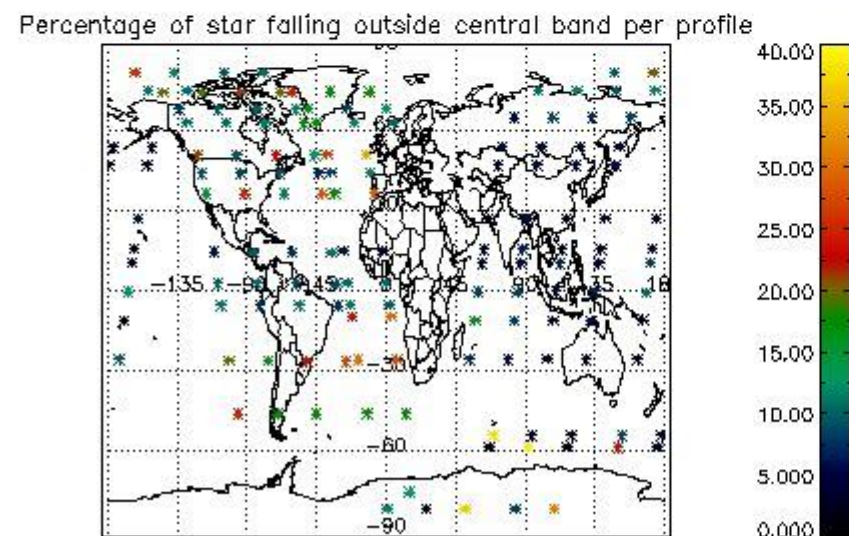
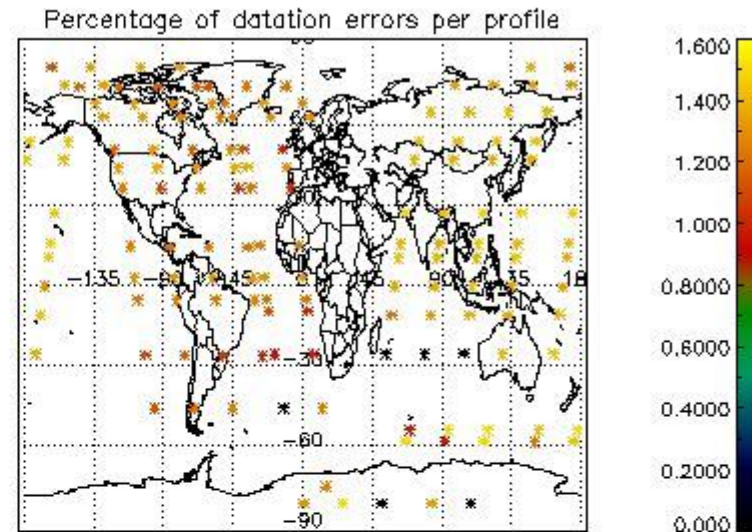
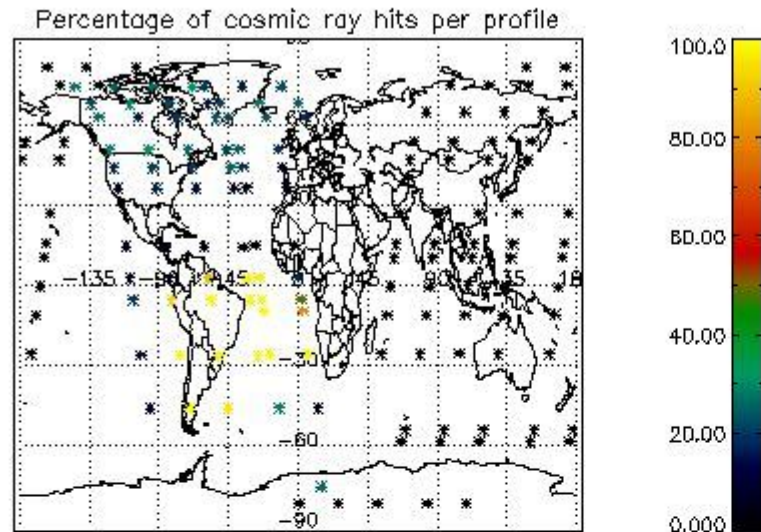
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	20.6667 %
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)



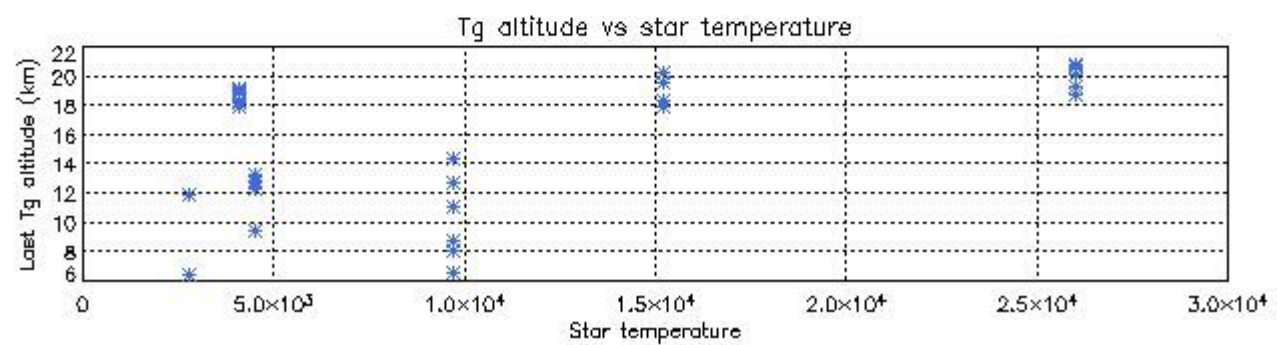
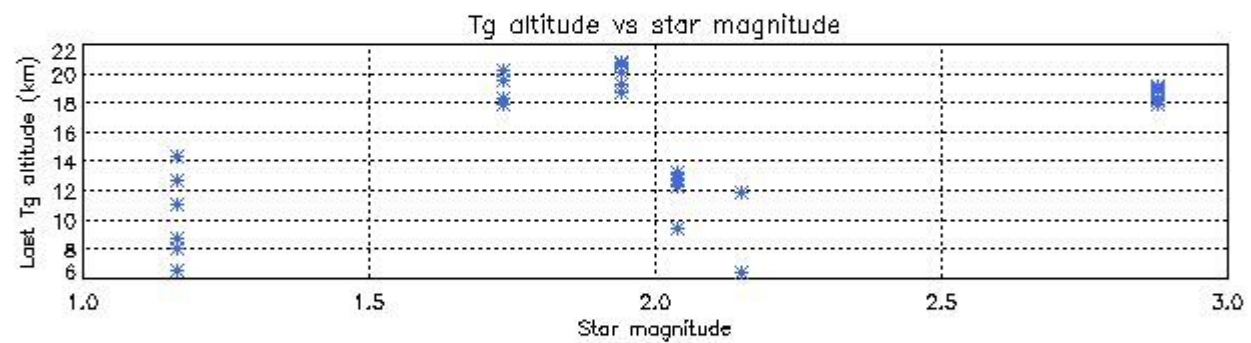
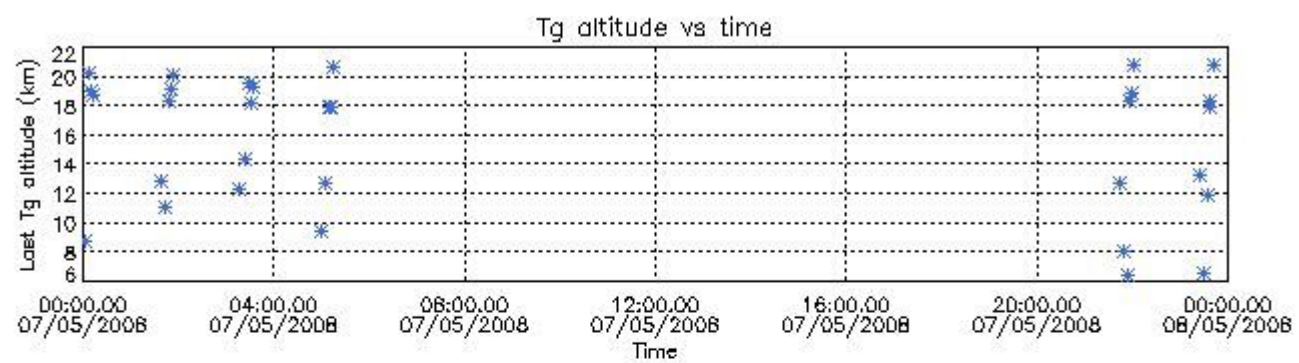
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.602	20.387	15.658
St. deviation:	4.5620	4.9001	0.0000
Maximum:	20.822	28.342	15.658
Minimum:	6.3460	4.0597	15.658
Number of data:	31.000	79.000	1.0000

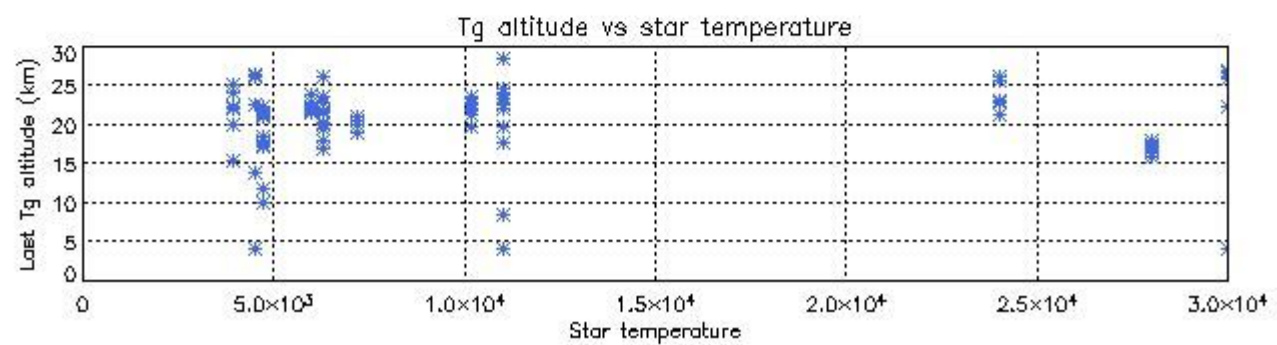
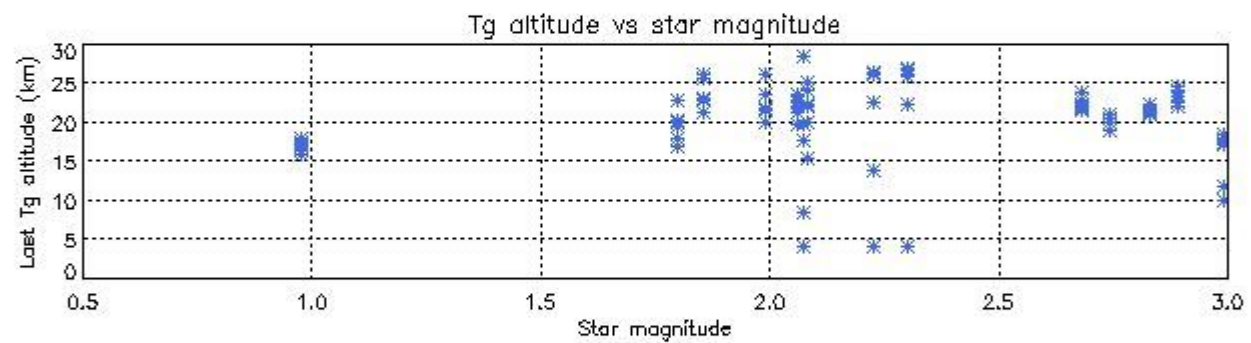
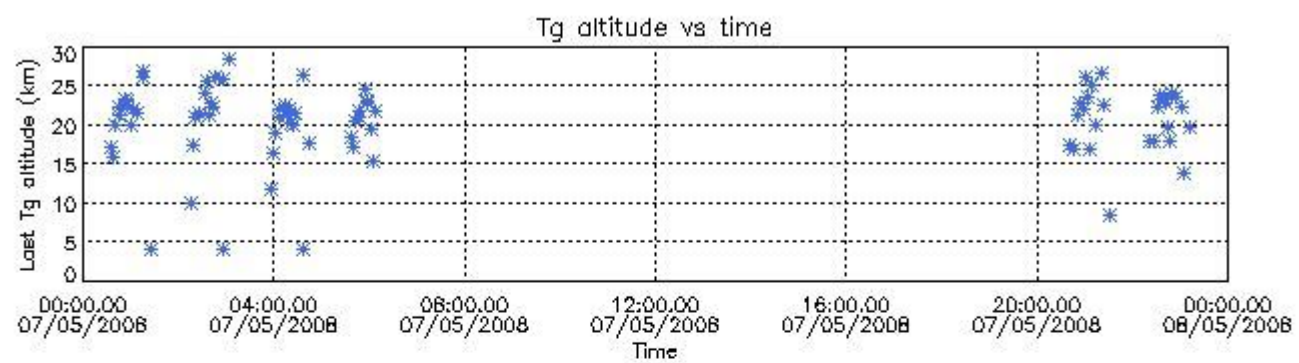
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



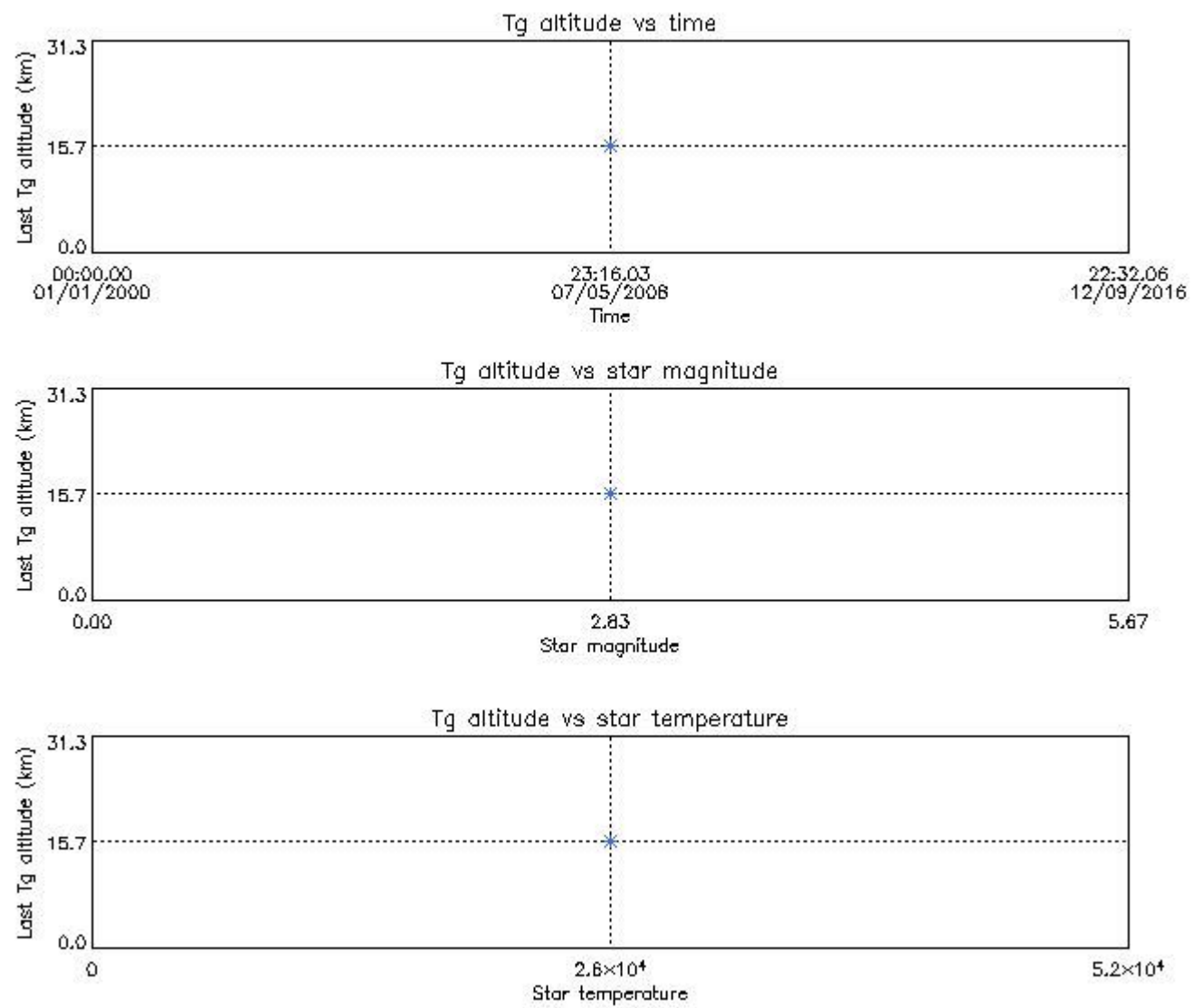
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

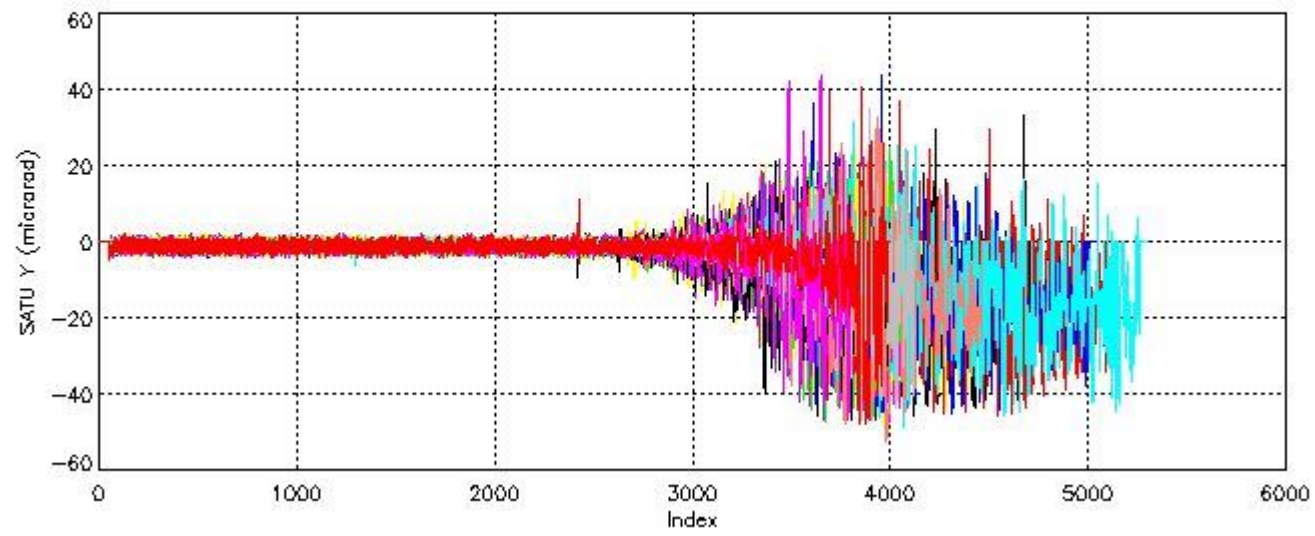
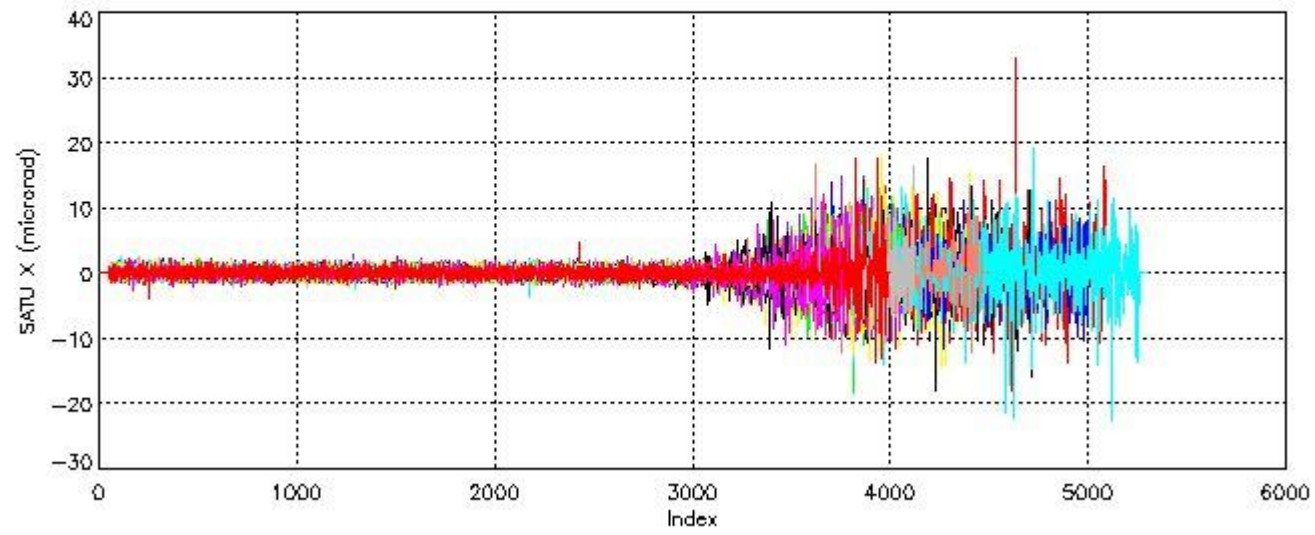


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

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

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.065816	-1.2849	0.030138	-1.3738
St. deviation:	0.43796	0.90915	0.74376	1.2057
Maximum:	2.4000	2.2000	8.8000	24.400
Minimum:	-3.8000	-5.1000	-5.6000	-9.6000

Number of data:	28150.	28150.	64600.	64600.
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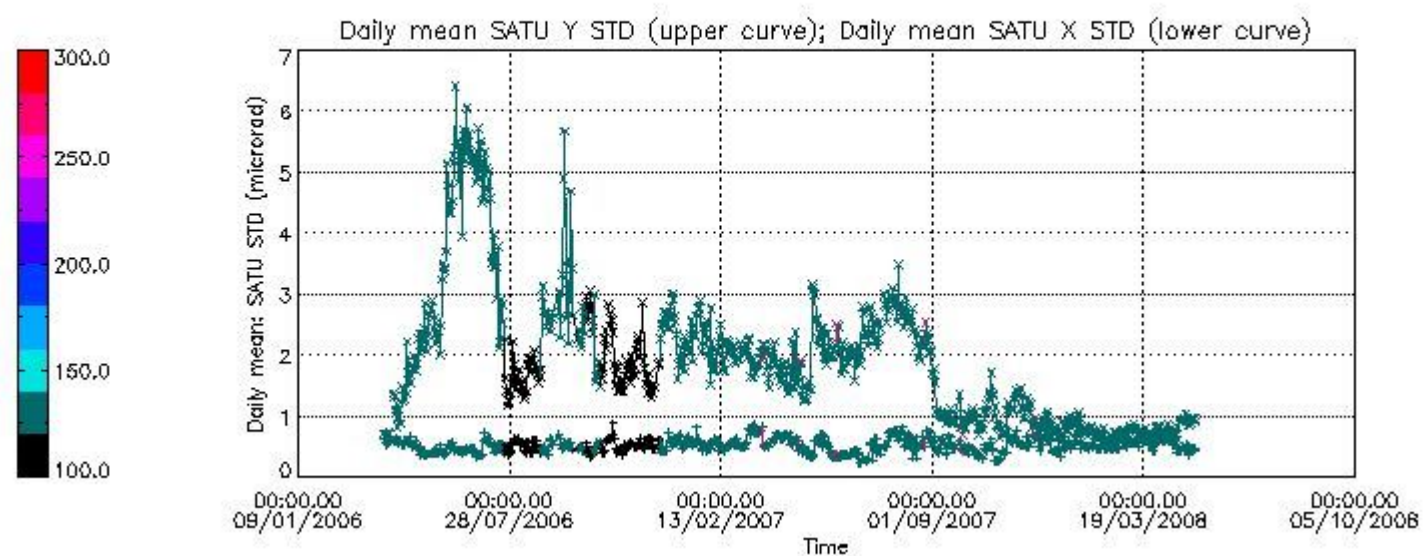
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

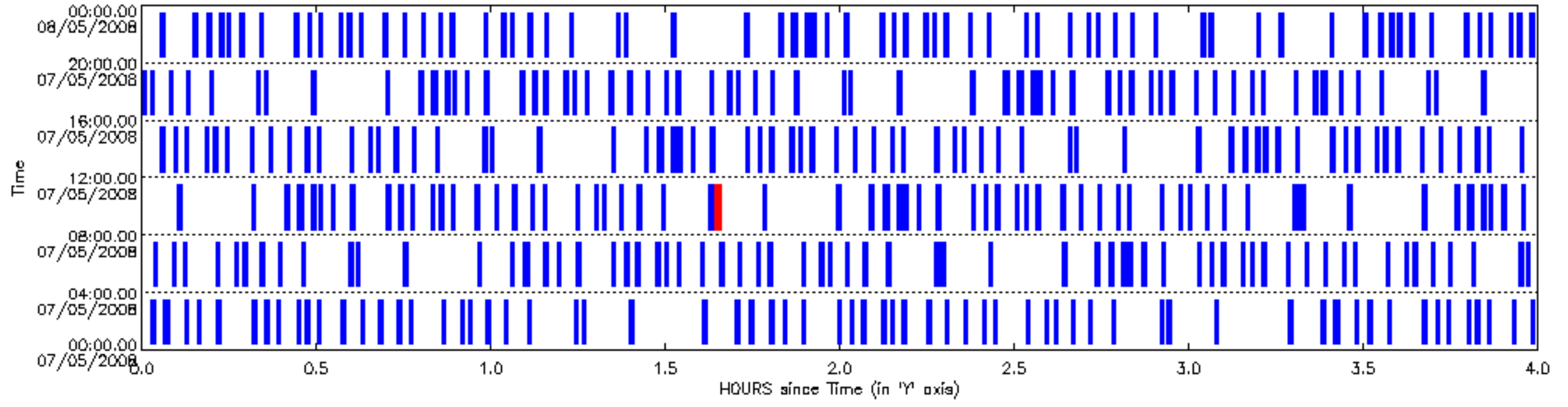
Lower curve: STD of SATU X axis

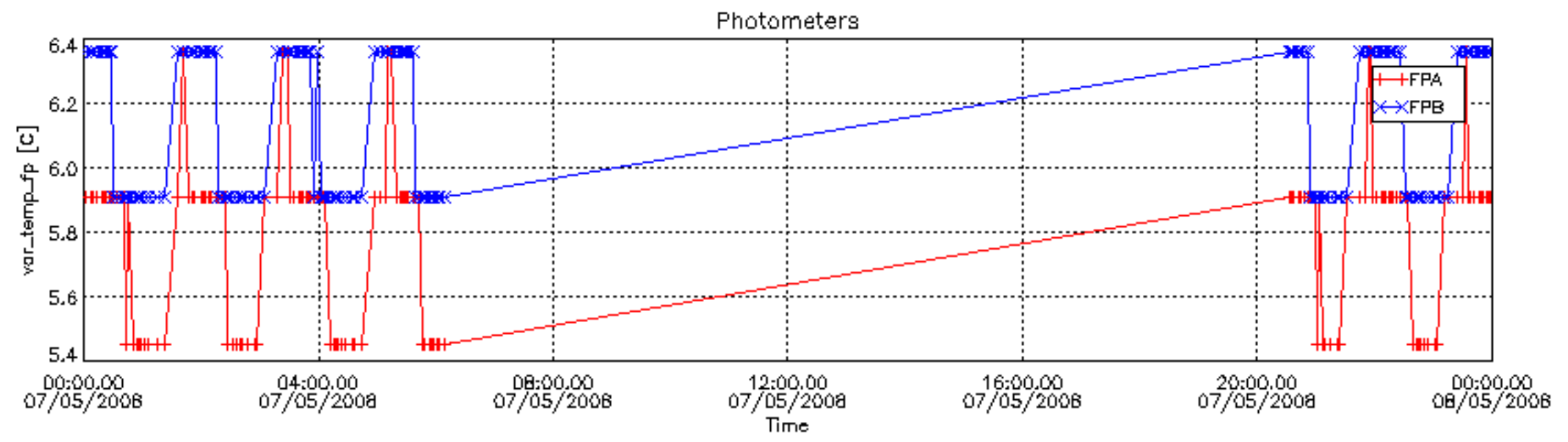
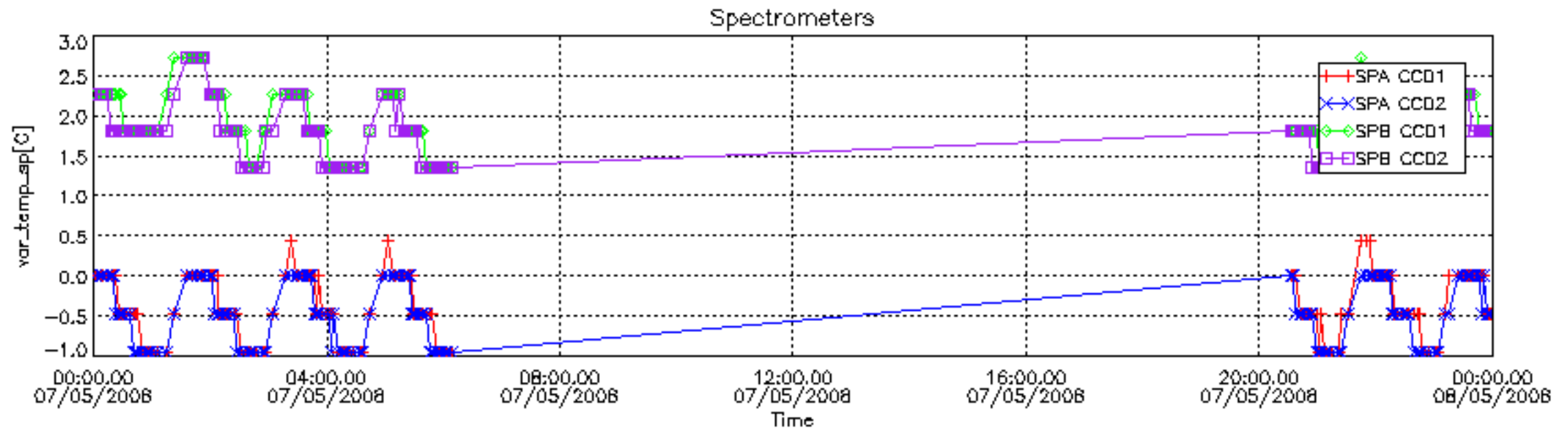


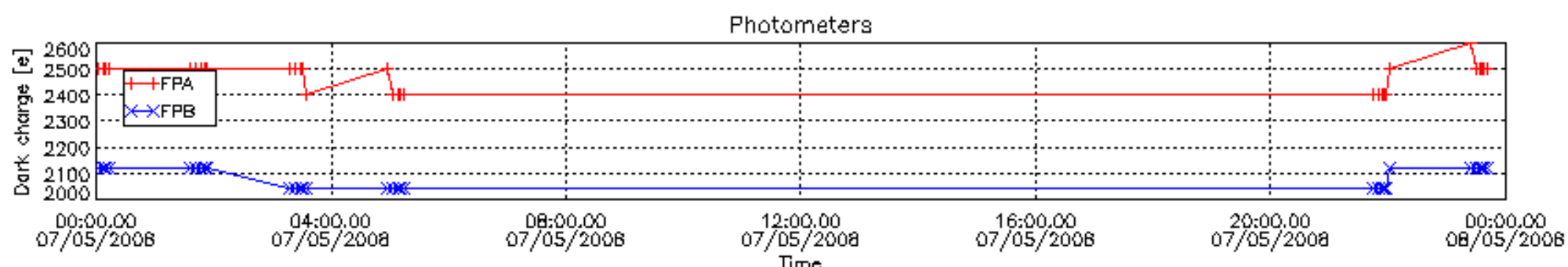
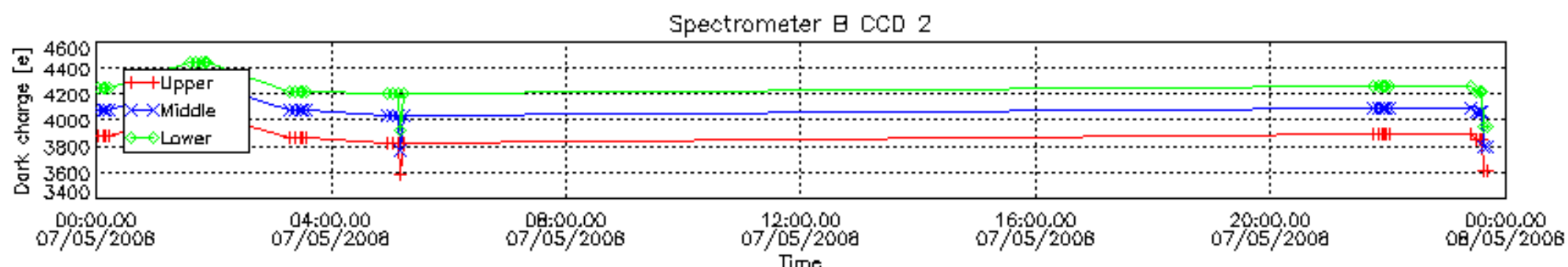
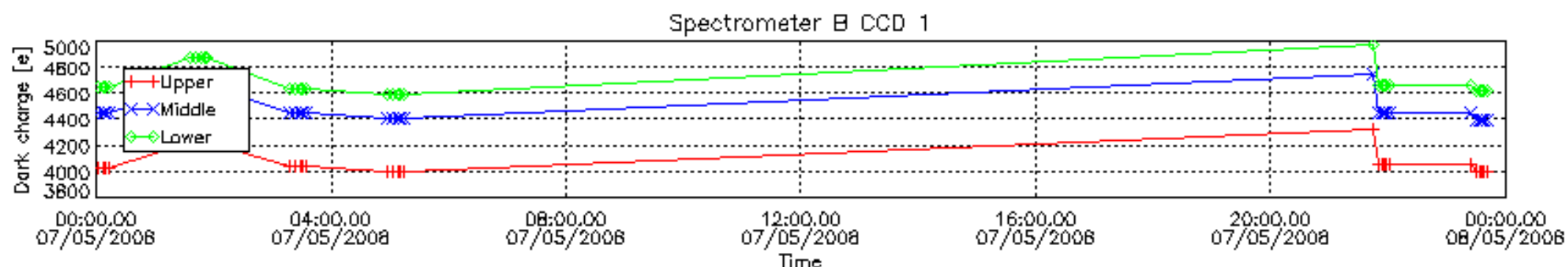
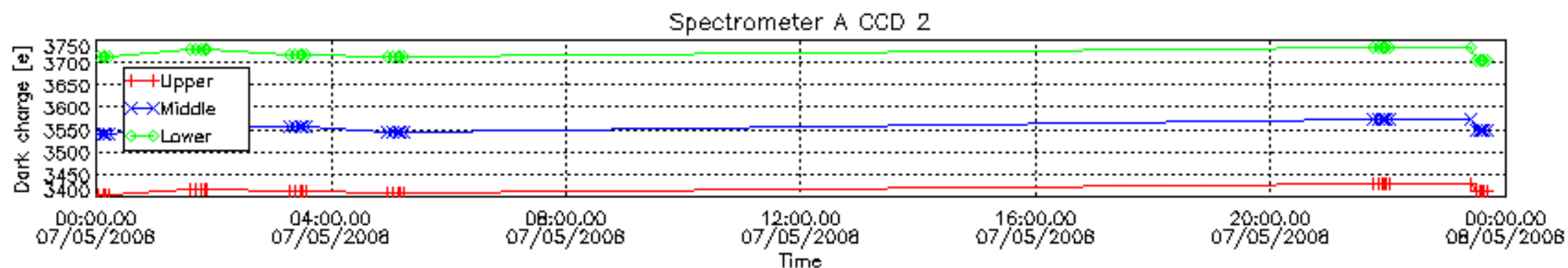
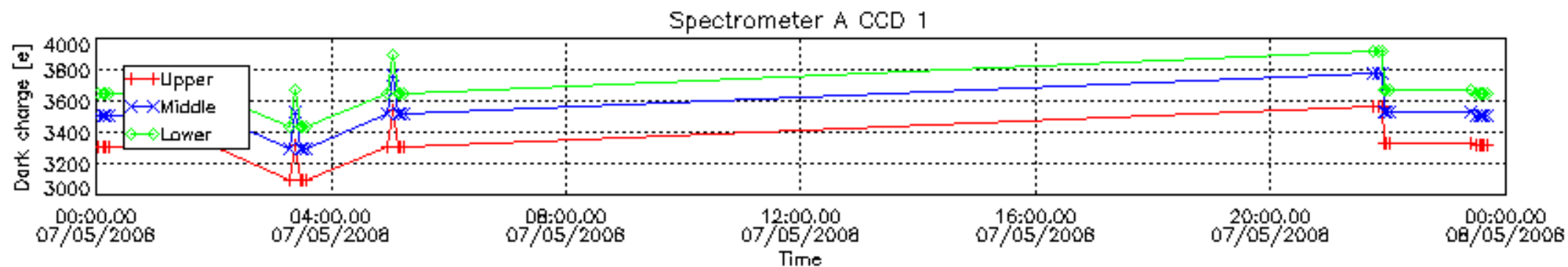
8. Auxiliary Data Files used for the production reported in section 2.4

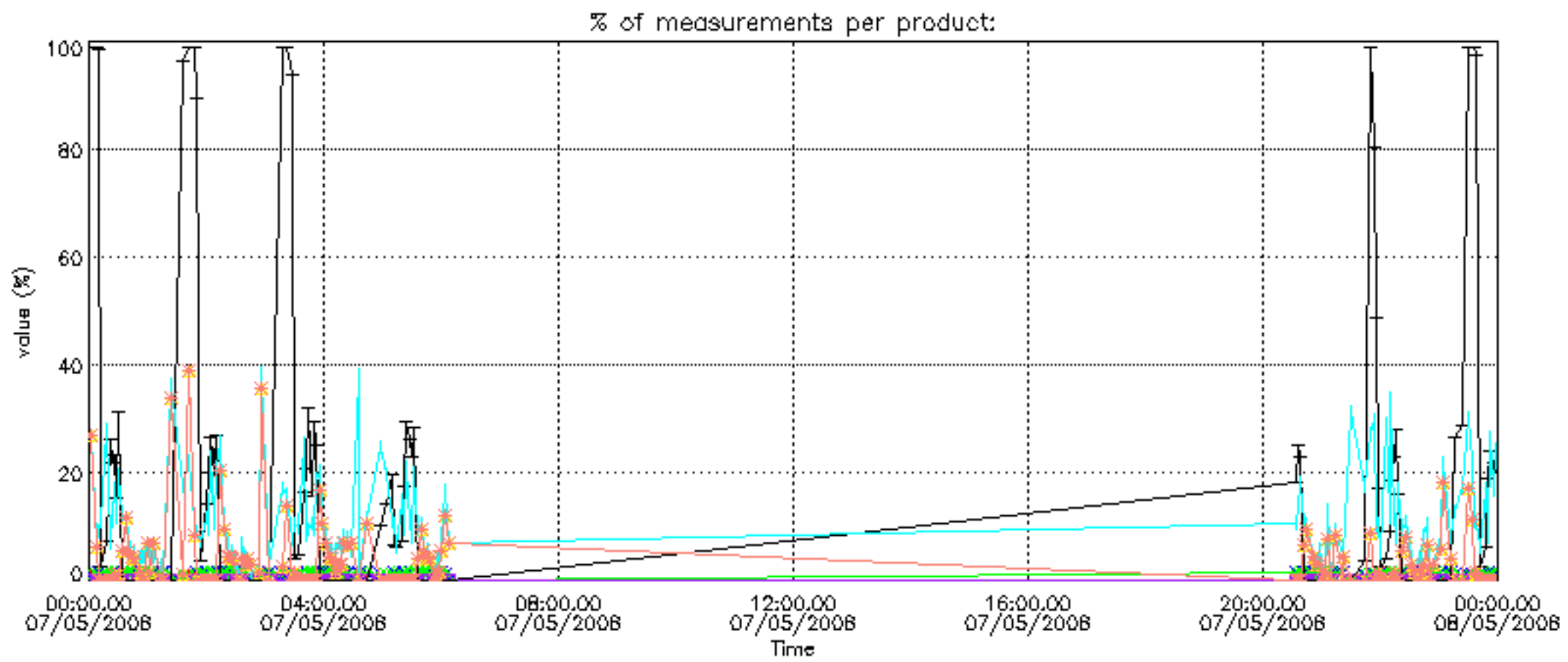
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000	1	07-MAY-2008 00:01:26
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20080502_144908_20080430_000000_20100101_000000	1	07-MAY-2008 00:01:26
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000	1	07-MAY-2008 00:01:26
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	07-MAY-2008 00:01:26
STELLAR_SPECTRA_DATABANK	GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000	1	07-MAY-2008 00:01:26
ECMWF_FILE	AUX_ECF_AXNECM20080506_072112_20080506_210000_20080507_090000	1	07-MAY-2008 00:01:26
ECMWF_FILE	AUX_ECF_AXNECM20080506_190114_20080507_030000_20080507_150000	72	07-MAY-2008 04:35:34
ECMWF_FILE	AUX_ECF_AXNECM20080507_072113_20080507_150000_20080508_030000	97	07-MAY-2008 20:33:49
ECMWF_FILE	AUX_ECF_AXNECM20080507_072113_20080507_210000_20080508_090000	114	07-MAY-2008 21:43:41
OPTIONAL_ECMWF_FILE	MISSING	1	07-MAY-2008 00:01:26
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080506_221116_000060572068_00215_32333_5478.N1	1	07-MAY-2008 00:01:26
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080506_235213_000057382068_00216_32334_5479.N1	25	07-MAY-2008 01:36:27
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080507_013310_000044632068_00217_32335_5480.N1	47	07-MAY-2008 02:54:58
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080507_025252_000054192068_00218_32336_5481.N1	72	07-MAY-2008 04:35:34
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080507_203012_000038252068_00229_32347_5483.N1	97	07-MAY-2008 20:33:49
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20080507_213916_000060572068_00229_32347_5484.N1	141	07-MAY-2008 23:29:58

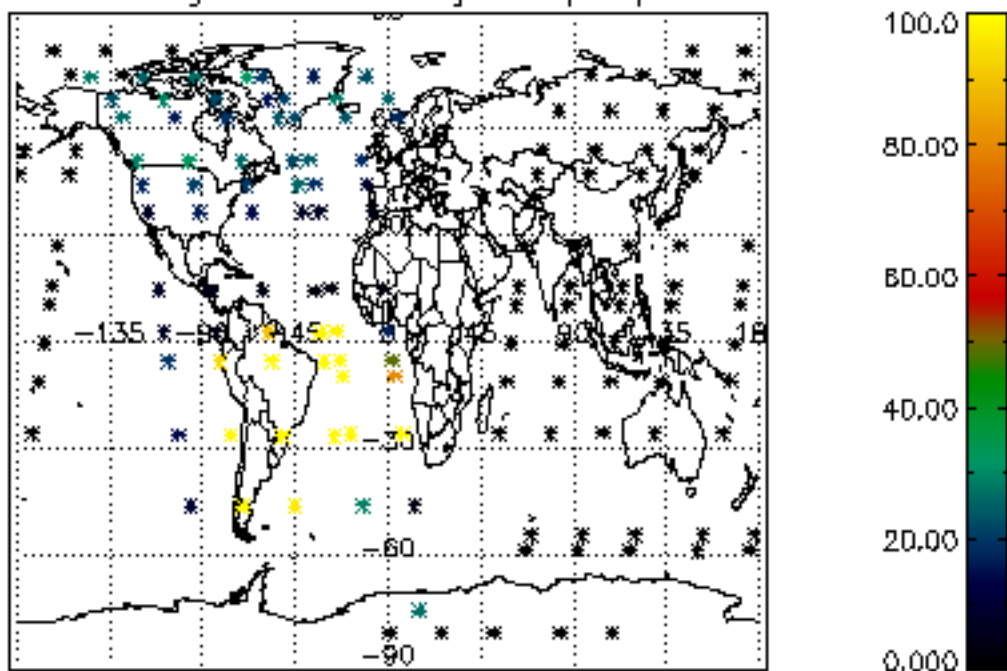




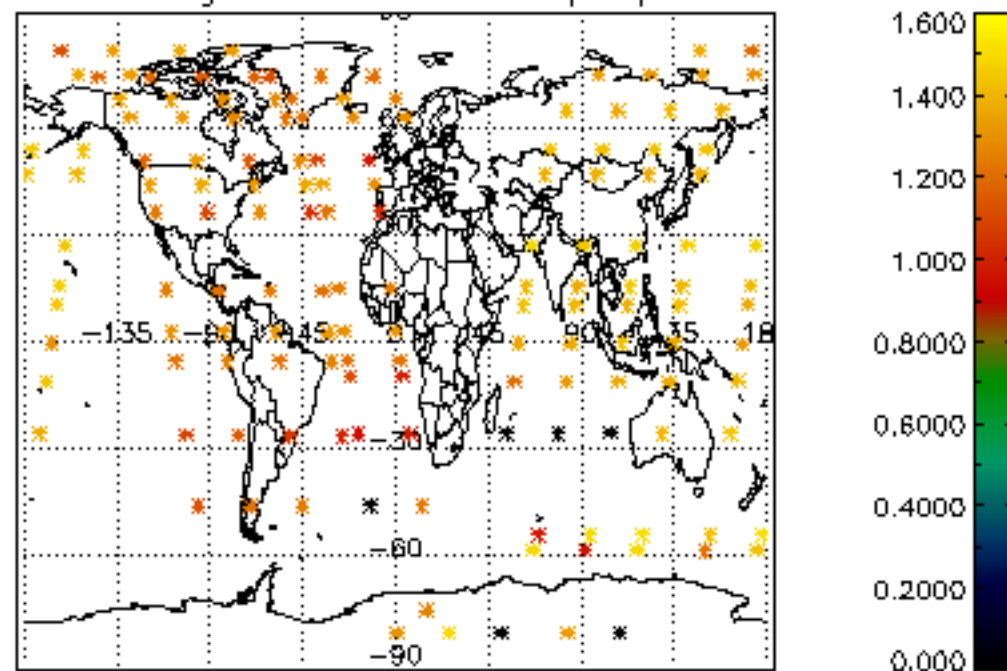




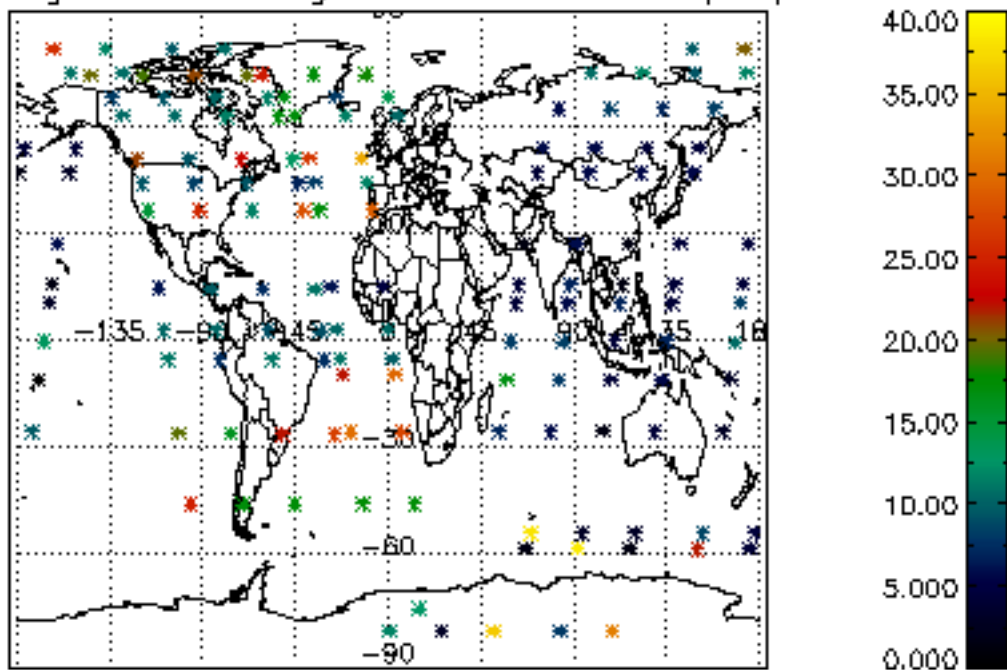
Percentage of cosmic ray hits per profile



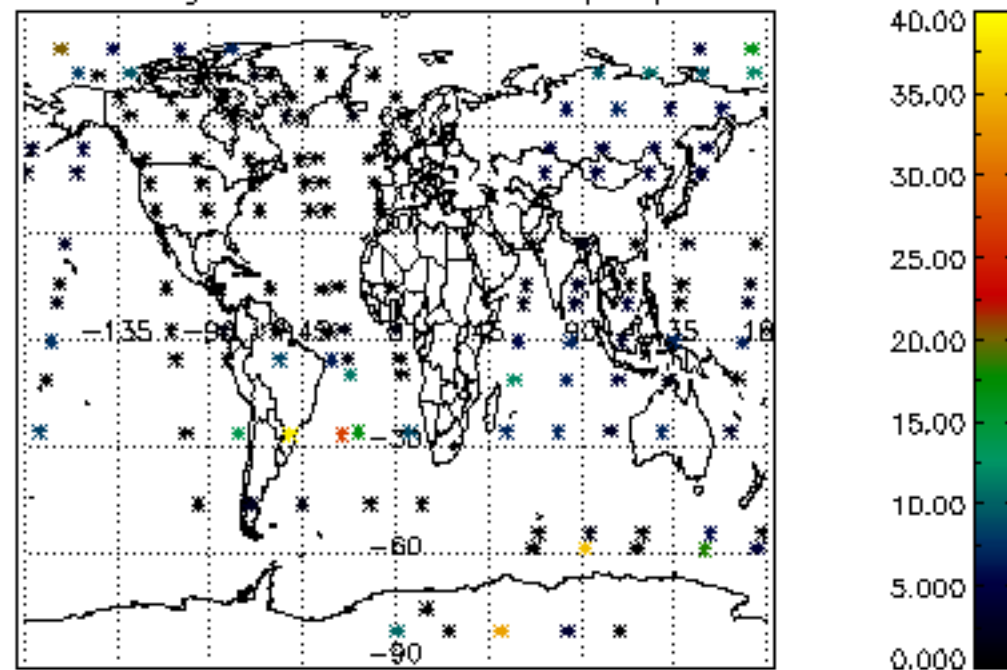
Percentage of datation errors per profile



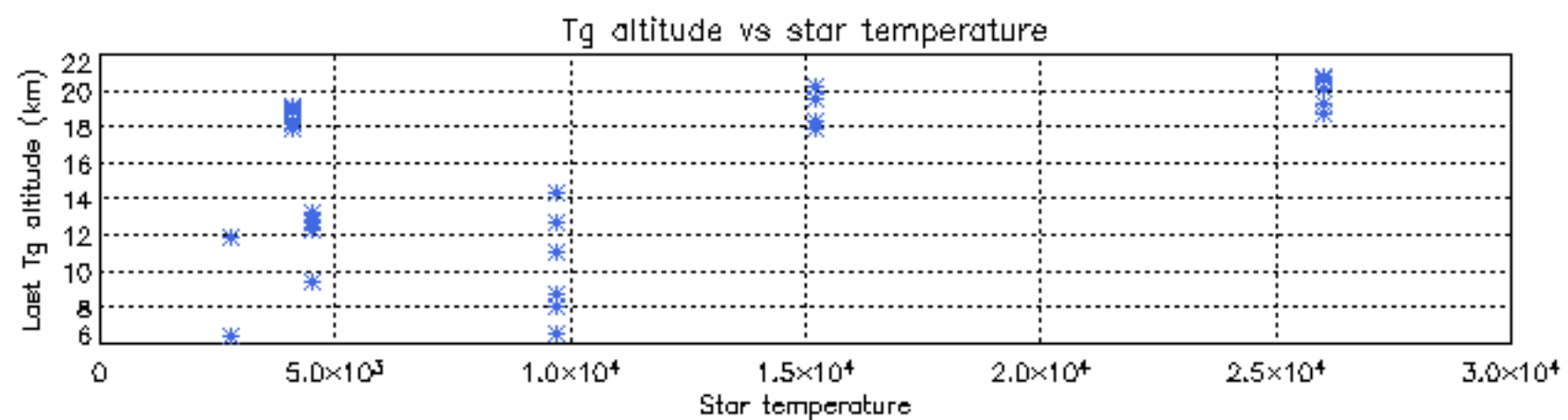
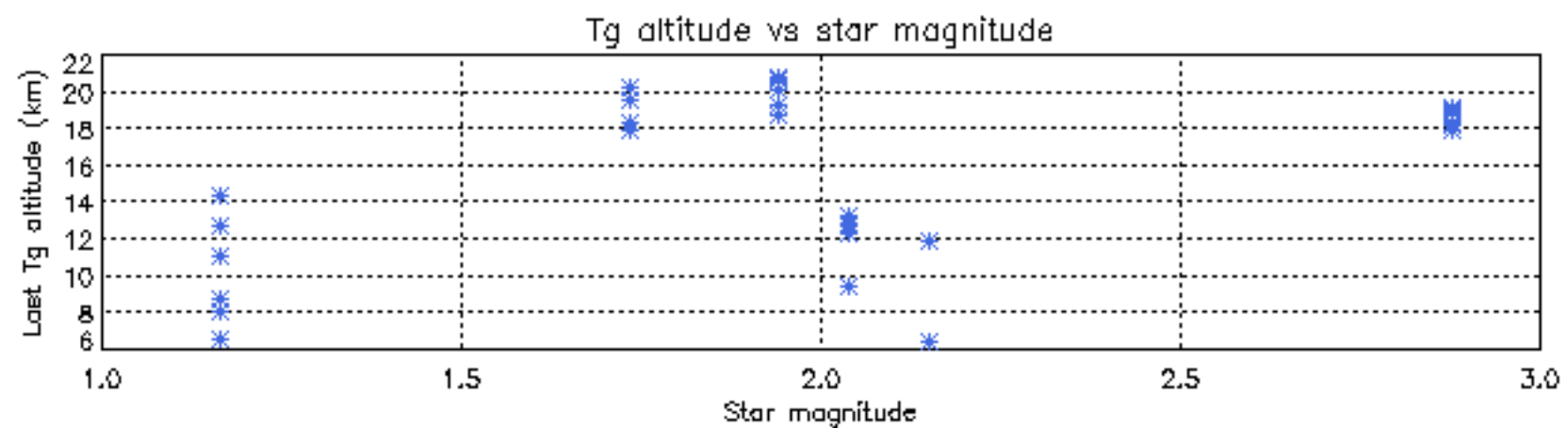
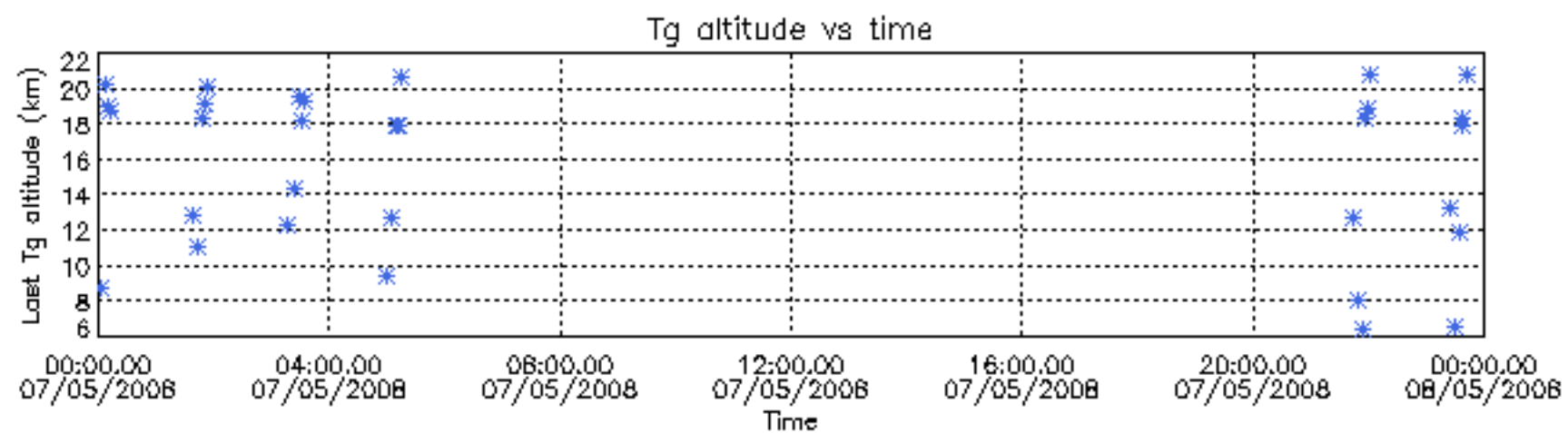
Percentage of star falling outside central band per profile



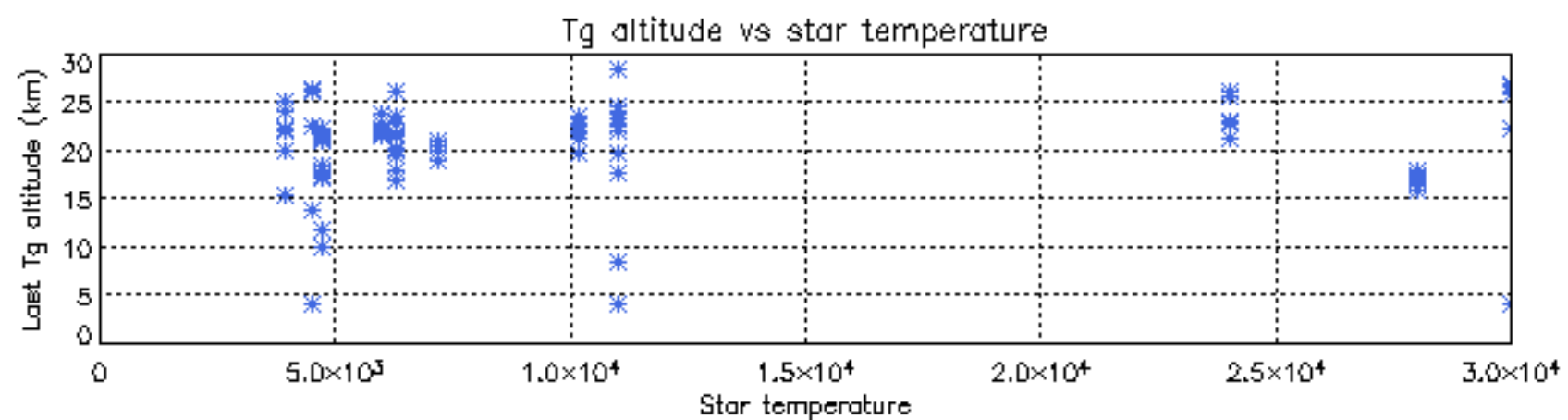
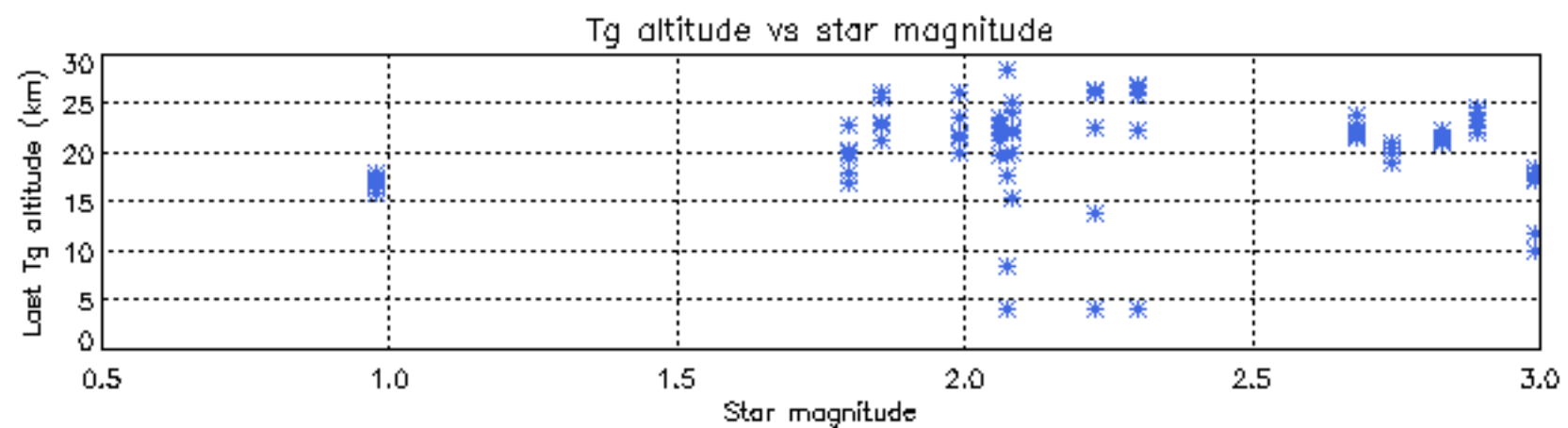
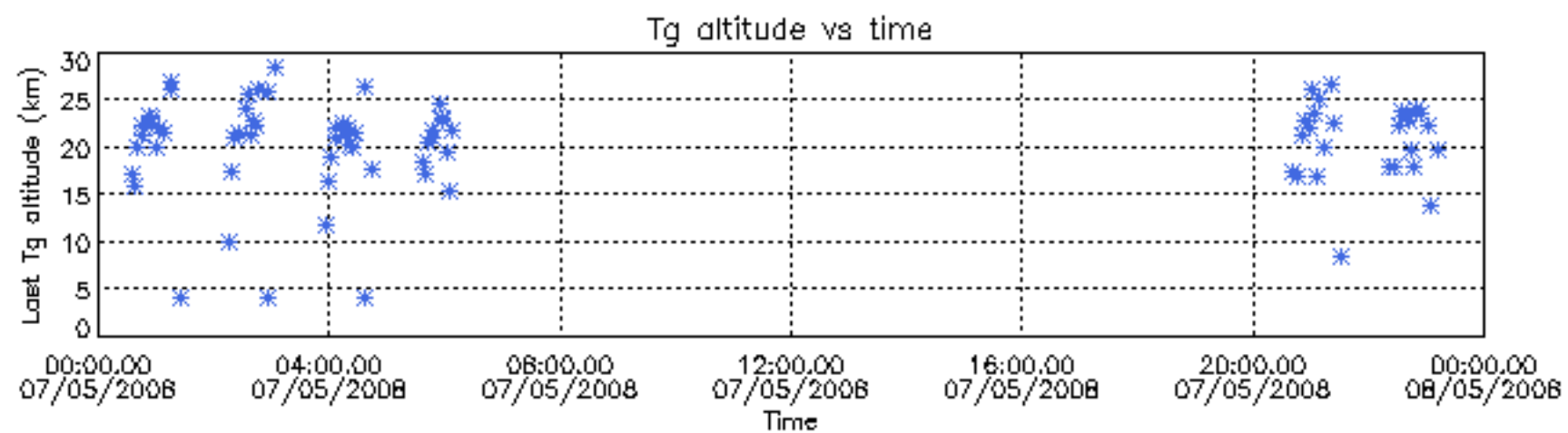
Percentage of saturation errors per profile



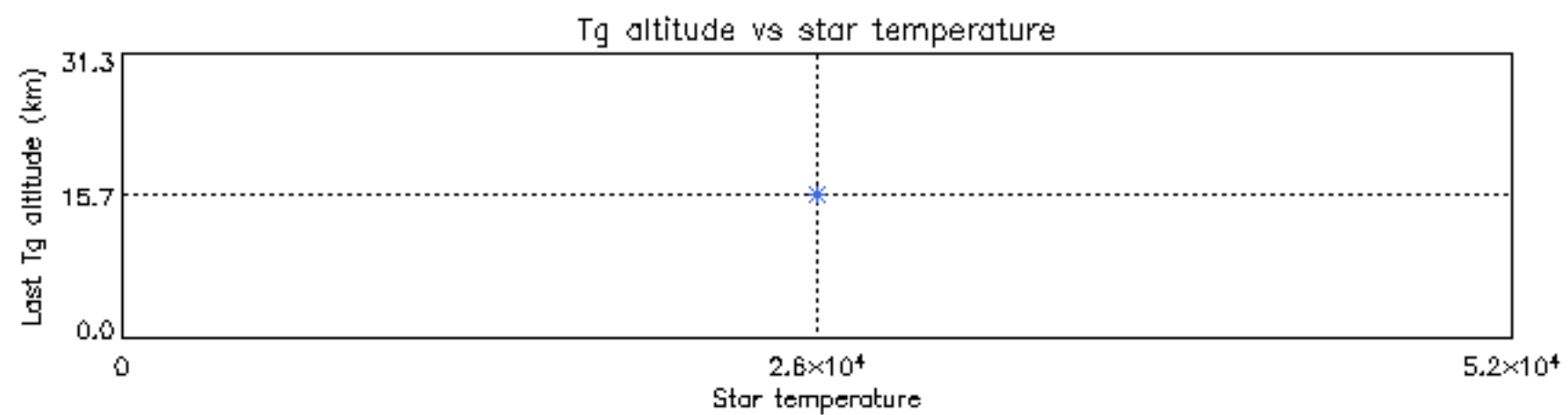
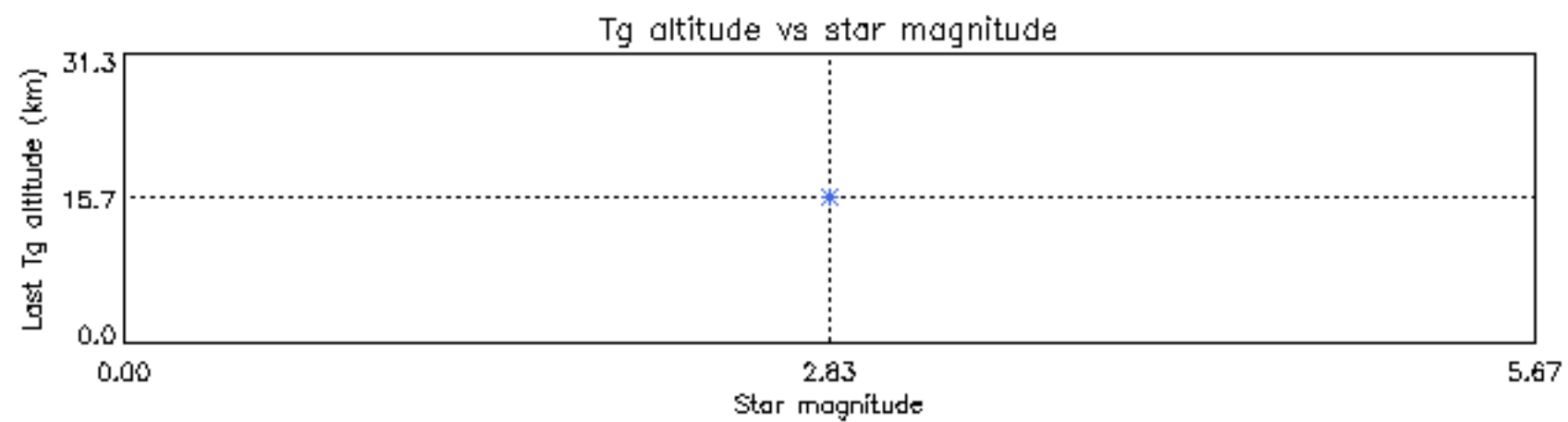
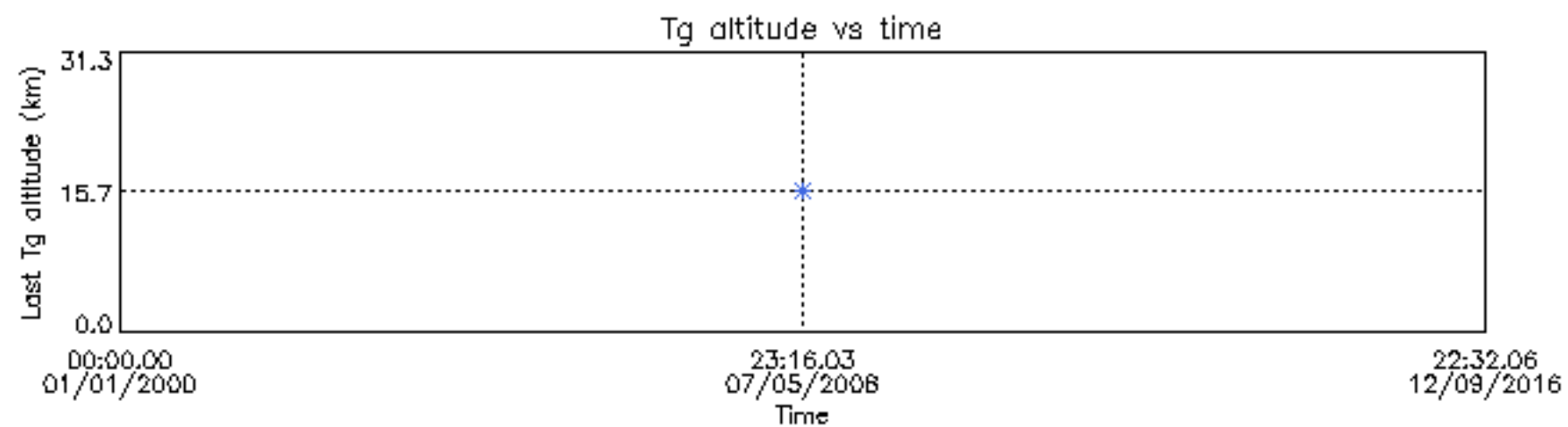
Tangent altitude at which the star is lost

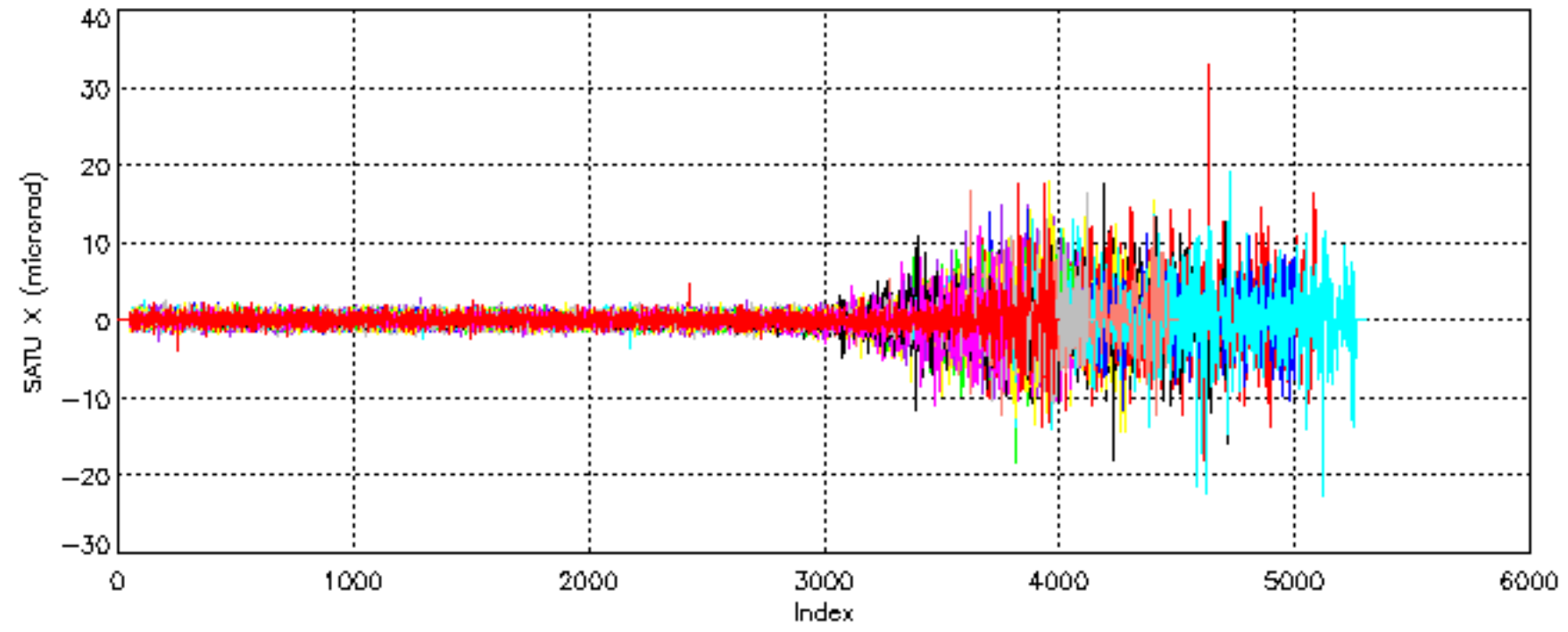


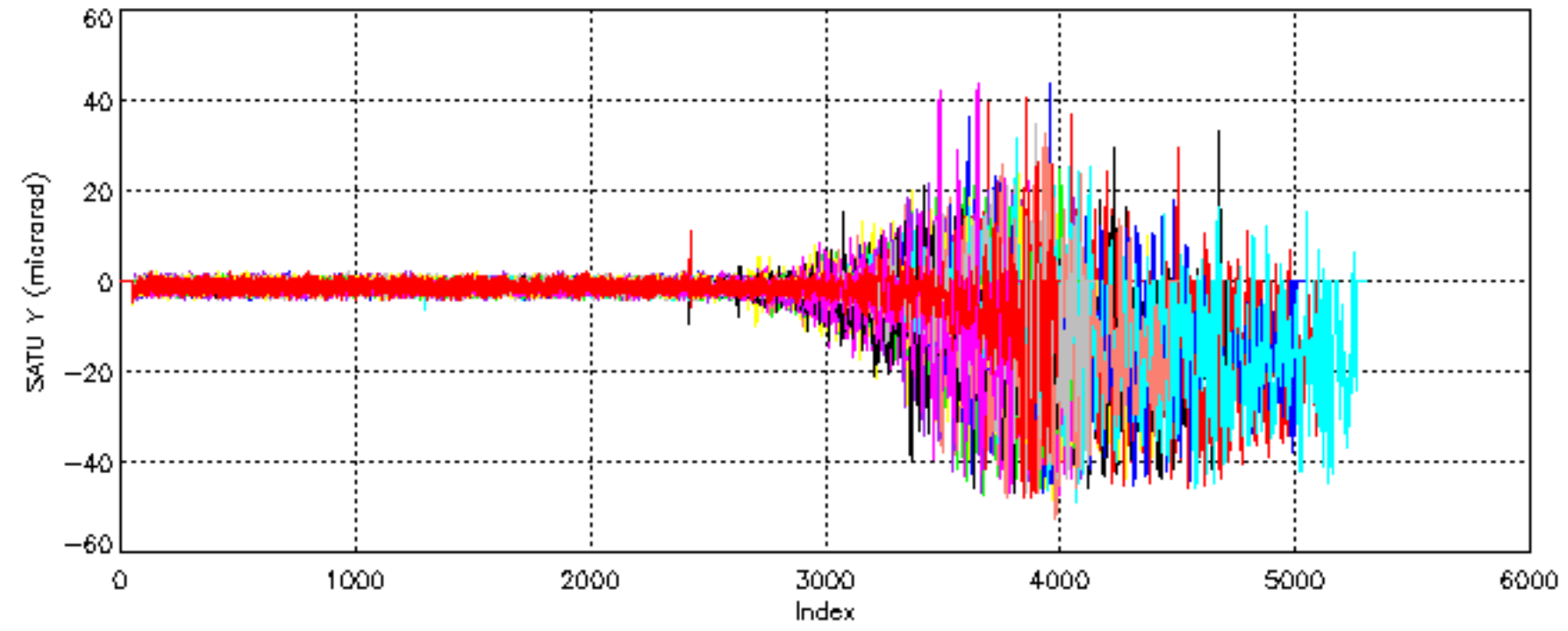
Tangent altitude at which the star is lost

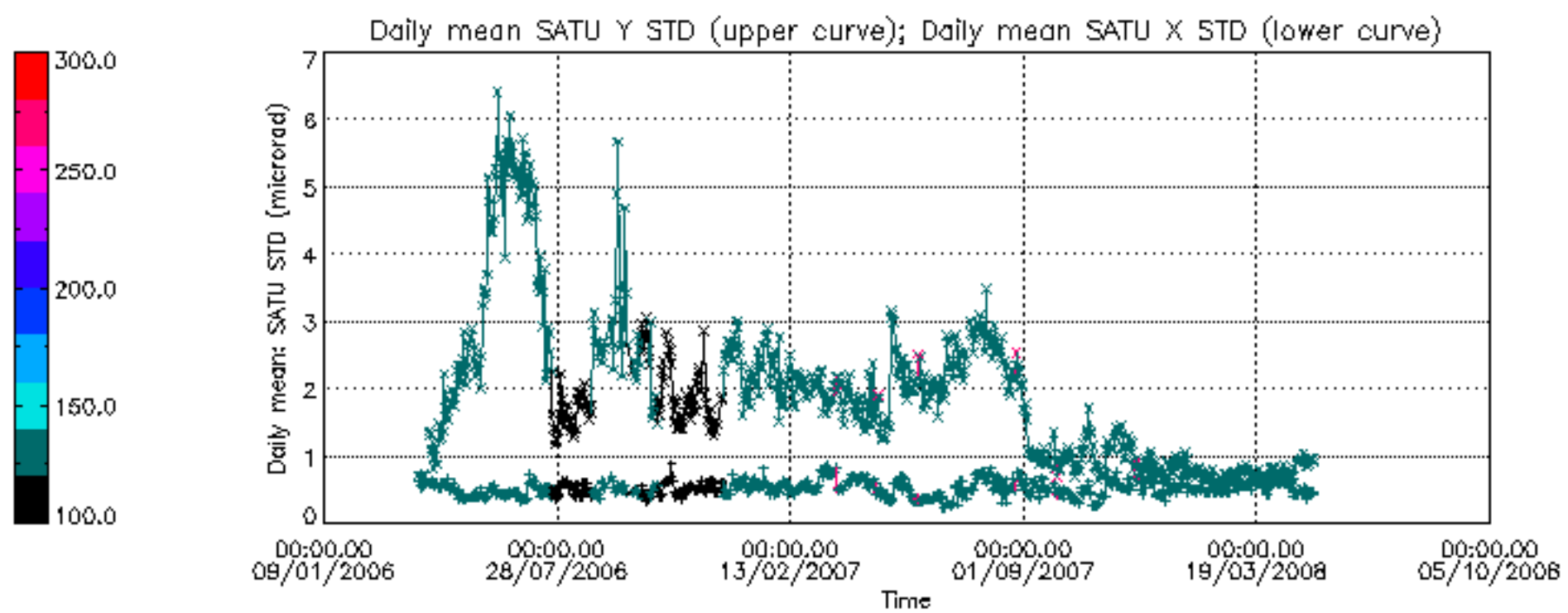


Tangent altitude at which the star is lost









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 18; 2729.7; 01-MAY-2008 02:23:25; Bright; 34.5; 174; 52Psi UMa ; 3.00; 4400;occ; 69; 0;32250
 19; 2833.8; 01-MAY-2008 02:25:09; Bright; 36.0; 87; 64Gam UMa ; 2.43; 11000;occ; 72; 0;32250
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 26; 7201.6; 09-MAY-2008 14:30:25; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32371
 27; 7320.4; 09-MAY-2008 14:32:24; Dark ; 43.0; 54; 5The Cen ; 2.06; 4500;occ; 86; 0;32371

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 6; 2750.2; 09-MAY-2008 14:56:49; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;32372
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 22; 6657.2; 09-MAY-2008 16:01:56; Dark ; 40.5; 43; Alp TrA ; 1.91; 4250;occ; 81; 0;32372
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 26; 7201.9; 09-MAY-2008 16:11:01; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;32372
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 12; 3445.8; 09-MAY-2008 16:49:01; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32373
 13; 3935.0; 09-MAY-2008 16:57:10; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32373
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 22; 6096.9; 09-MAY-2008 17:33:12; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32373
 23; 6303.8; 09-MAY-2008 17:36:39; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32373
 24; 6657.5; 09-MAY-2008 17:42:33; Dark ; 37.0; 43; Alp TrA ; 1.91; 4250;occ; 74; 0;32373
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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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6; 2111.4; 09-MAY-2008 18:07:23; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32374
7; 2221.4; 09-MAY-2008 18:09:13; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;32374
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24; 6304.4; 09-MAY-2008 19:17:16; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32374
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22; 5969.5; 09-MAY-2008 20:52:17; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;32375
23; 6097.6; 09-MAY-2008 20:54:25; Dark ; 43.5; 148; Alp Tuc ; 2.88; 4100;occ; 87; 0;32375
24; 6305.0; 09-MAY-2008 20:57:52; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32375
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26; 6789.7; 09-MAY-2008 21:05:57; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32375
27; 6900.1; 09-MAY-2008 21:07:47; Dark ; 43.5; 4; Alp1Cen ; -0.01; 5800;occ; 87; 0;32375
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6; 68.3; 10-MAY-2008 22:03:30; Dark ; 44.0; 148; Alp Tuc ; 2.88; 4100;occ; 88; 0;32391
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23; 7214.6; 13-MAY-2008 12:24:10; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32427
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3;-1277.4; 14-MAY-2008 07:50:25; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32439
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8; -20.7; 14-MAY-2008 08:11:22; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;32439
9; 90.7; 14-MAY-2008 08:13:13; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32440
10; 313.9; 14-MAY-2008 08:16:57; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32440
11; 642.1; 14-MAY-2008 08:22:25; Dark ; 40.0; 43; Alp TrA ; 1.91; 4250;occ; 80; 0;32440
12; 773.0; 14-MAY-2008 08:24:36; Dark ; 38.0; 134; Bet TrA ; 2.81; 6600;occ; 76; 0;32440
13; 877.0; 14-MAY-2008 08:26:20; Dark ; 42.5; 4; Alp1Cen ;-0.01; 5800;occ; 85; 0;32440
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16; 1297.4; 14-MAY-2008 08:33:20; Dark ; 39.5; 54; 5The Cen ; 2.06; 4500;occ; 79; 0;32440
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4; 2222.0; 14-MAY-2008 08:48:45; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32440
5; 2574.4; 14-MAY-2008 08:54:37; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32440
6; 2745.8; 14-MAY-2008 08:57:29; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32440
7; 2841.1; 14-MAY-2008 08:59:04; Bright; 37.0; 55; 79Zet UMa ; 2.06; 10200;occ; 74; 0;32440
8; 3054.2; 14-MAY-2008 09:02:37; Bright; 37.0; 36; 50Alp UMa ; 1.80; 6300;occ; 74; 0;32440
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11; 3937.7; 14-MAY-2008 09:17:20; Bright; 36.5; 76; 27Gam Cas ; 2.30; 30000;occ; 73; 0;32440
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15; 5572.7; 14-MAY-2008 09:44:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32440
16; 5691.2; 14-MAY-2008 09:46:34; Dark ; 40.0; 84; Alp Phe ; 2.40; 4500;occ; 80; 0;32440
17; 5929.4; 14-MAY-2008 09:50:32; Dark ; 41.0; 63; Bet Gru ; 2.15; 2800;occ; 82; 0;32440
18; 6015.9; 14-MAY-2008 09:51:59; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;32440
19; 6127.0; 14-MAY-2008 09:53:50; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32440
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22; 6809.3; 14-MAY-2008 10:05:12; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32440
23; 6913.0; 14-MAY-2008 10:06:56; Dark ; 48.0; 4; Alp1Cen ;-0.01; 5800;occ; 96; 0;32440
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 5; 2745.8; 14-MAY-2008 10:38:04; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32441
 6; 2841.1; 14-MAY-2008 10:39:40; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32441
 7; 3054.5; 14-MAY-2008 10:43:13; Bright; 36.0; 36; 50Alp UMa ; 1.80; 6300;occ; 72; 0;32441
 8; 3185.7; 14-MAY-2008 10:45:24; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32441
 9; 3446.1; 14-MAY-2008 10:49:45; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32441
 10; 3937.7; 14-MAY-2008 10:57:56; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32441
 11; 4011.4; 14-MAY-2008 10:59:10; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32441
 12; 4759.0; 14-MAY-2008 11:11:38; Dark ; 40.0; 140; 88Gam Peg ; 2.83; 26000;occ; 80; 0;32441
 13; 5282.8; 14-MAY-2008 11:20:21; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32441
 14; 5572.9; 14-MAY-2008 11:25:12; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32441
 15; 5691.5; 14-MAY-2008 11:27:10; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;32441
 16; 5930.0; 14-MAY-2008 11:31:09; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32441
 17; 6016.7; 14-MAY-2008 11:32:35; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;32441
 18; 6127.5; 14-MAY-2008 11:34:26; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32441
 19; 6351.1; 14-MAY-2008 11:38:10; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32441
 20; 6678.6; 14-MAY-2008 11:43:37; Dark ; 45.0; 43; Alp TrA ; 1.91; 4250;occ; 90; 0;32441
 21; 6809.5; 14-MAY-2008 11:45:48; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32441
 22; 6913.1; 14-MAY-2008 11:47:32; Dark ; 44.0; 4; Alp1Cen ; -0.01; 5800;occ; 88; 0;32441
 23; 7127.1; 14-MAY-2008 11:51:06; Dark ; 37.0; 78; Alp Lup ; 2.30; 28000;occ; 74; 0;32441
 24; 7217.6; 14-MAY-2008 11:52:36; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32441
 25; 7333.6; 14-MAY-2008 11:54:32; Dark ; 41.0; 54; 5The Cen ; 2.06; 4500;occ; 82; 0;32441

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

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 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
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 12; 4011.6; 14-MAY-2008 14:20:22; Bright; 33.5; 68; 18Alp Cas ; 2.22; 4500;occ; 67; 0;32443
 13; 4760.0; 14-MAY-2008 14:32:50; Dark ; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;32443
 14; 5283.5; 14-MAY-2008 14:41:34; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32443


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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
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25; 7218.2; 14-MAY-2008 15:13:49; Dark ; 36.5; 81; Eta Cen ; 2.36; 28000;occ; 73; 0;32443
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4; 2125.9; 14-MAY-2008 15:29:32; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32444
5; 2222.3; 14-MAY-2008 15:31:09; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;32444
6; 2573.8; 14-MAY-2008 15:37:00; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;32444
7; 2745.8; 14-MAY-2008 15:39:52; Bright; 33.5; 39; 85Eta UMa ; 1.85; 24000;occ; 67; 0;32444
8; 2841.3; 14-MAY-2008 15:41:28; Bright; 33.0; 55; 79Zet UMa ; 2.06; 10200;occ; 66; 0;32444
9; 3185.4; 14-MAY-2008 15:47:12; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32444
10; 3446.3; 14-MAY-2008 15:51:33; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32444
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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
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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
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25; 7218.5; 14-MAY-2008 16:54:25; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32444
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6; 2222.2; 14-MAY-2008 17:11:45; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32445
7; 2573.6; 14-MAY-2008 17:17:36; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32445
8; 2745.7; 14-MAY-2008 17:20:28; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32445
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2; 1188.7; 16-MAY-2008 20:53:05; Dark ; 39.5; 81; Eta Cen ; 2.36; 28000;occ; 79; 0;32476
3; 1303.7; 16-MAY-2008 20:55:00; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32476

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4; 1618.4; 16-MAY-2008 21:00:15; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32476
 5; 1748.7; 16-MAY-2008 21:02:25; Bright; 37.0; 15; 67Alp Vir ; 0.98; 28000;occ; 74; 0;32476
 6; 2224.0; 16-MAY-2008 21:10:20; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;32476
 7; 2568.5; 16-MAY-2008 21:16:05; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32476
 8; 2745.4; 16-MAY-2008 21:19:02; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32476
 9; 2842.8; 16-MAY-2008 21:20:39; Bright; 36.0; 55; 79Zet UMa ; 2.06; 10200;occ; 72; 0;32476
 10; 3181.3; 16-MAY-2008 21:26:18; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;32476
 11; 3446.2; 16-MAY-2008 21:30:43; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32476
 12; 3938.2; 16-MAY-2008 21:38:54; Bright; 38.5; 76; 27Gam Cas ; 2.30; 30000;occ; 77; 0;32476
 13; 4011.6; 16-MAY-2008 21:40:08; Bright; 37.5; 68; 18Alp Cas ; 2.22; 4500;occ; 75; 0;32476
 14; 5293.7; 16-MAY-2008 22:01:30; Dark ; 34.0; 52; 16Bet Cet ; 2.04; 4500;occ; 68; 0;32476

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 3; -333.7; 16-MAY-2008 22:08:18; Dark ; 41.0; 84; Alp Phe ; 2.40; 4500;occ; 82; 0;32476
 4; -83.4; 16-MAY-2008 22:12:29; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;32476
 5; 108.4; 16-MAY-2008 22:15:41; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32477
 6; 339.7; 16-MAY-2008 22:19:32; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32477
 7; 653.1; 16-MAY-2008 22:24:45; Dark ; 38.0; 43; Alp TrA ; 1.91; 4250;occ; 76; 0;32477
 8; 783.1; 16-MAY-2008 22:26:55; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32477
 9; 883.3; 16-MAY-2008 22:28:35; Dark ; 50.0; 4; Alp1Cen ; -0.01; 5800;occ; 100; 0;32477
 10; 1098.7; 16-MAY-2008 22:32:11; Dark ; 39.5; 78; Alp Lup ; 2.30; 28000;occ; 79; 0;32477
 11; 1188.9; 16-MAY-2008 22:33:41; Dark ; 39.0; 81; Eta Cen ; 2.36; 28000;occ; 78; 0;32477
 12; 1303.9; 16-MAY-2008 22:35:36; Dark ; 42.5; 54; 5The Cen ; 2.06; 4500;occ; 85; 0;32477
 13; 1618.6; 16-MAY-2008 22:40:51; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32477
 14; 1748.9; 16-MAY-2008 22:43:01; Bright; 37.0; 15; 67Alp Vir ; 0.98; 28000;occ; 74; 0;32477
 15; 2224.0; 16-MAY-2008 22:50:56; Bright; 35.0; 111; 8Eta Boo ; 2.68; 6000;occ; 70; 0;32477
 16; 2568.2; 16-MAY-2008 22:56:40; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32477
 17; 2745.5; 16-MAY-2008 22:59:38; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32477
 18; 2842.9; 16-MAY-2008 23:01:15; Bright; 33.0; 55; 79Zet UMa ; 2.06; 10200;occ; 66; 0;32477
 19; 3181.1; 16-MAY-2008 23:06:53; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32477
 20; 3446.2; 16-MAY-2008 23:11:18; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32477
 21; 3938.3; 16-MAY-2008 23:19:30; Bright; 38.5; 76; 27Gam Cas ; 2.30; 30000;occ; 77; 0;32477
 22; 4011.5; 16-MAY-2008 23:20:44; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32477
 23; 5294.1; 16-MAY-2008 23:42:06; Dark ; 41.5; 52; 16Bet Cet ; 2.04; 4500;occ; 83; 0;32477

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 2; -455.4; 16-MAY-2008 23:46:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32477
 3; -333.4; 16-MAY-2008 23:48:55; Dark ; 39.5; 84; Alp Phe ; 2.40; 4500;occ; 79; 0;32477
 4; -82.8; 16-MAY-2008 23:53:05; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;32477
 5; 108.8; 16-MAY-2008 23:56:17; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32478
 6; 340.4; 17-MAY-2008 00:00:08; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32478
 7; 653.4; 17-MAY-2008 00:05:21; Dark ; 38.0; 43; Alp TrA ; 1.91; 4250;occ; 76; 0;32478
 8; 783.5; 17-MAY-2008 00:07:31; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32478
 9; 883.5; 17-MAY-2008 00:09:11; Dark ; 47.5; 4; Alp1Cen ; -0.01; 5800;occ; 95; 0;32478
 10; 1098.9; 17-MAY-2008 00:12:47; Dark ; 37.5; 78; Alp Lup ; 2.30; 28000;occ; 75; 0;32478
 11; 1189.2; 17-MAY-2008 00:14:17; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32478
 12; 1303.9; 17-MAY-2008 00:16:12; Dark ; 43.0; 54; 5The Cen ; 2.06; 4500;occ; 86; 0;32478
 13; 1618.6; 17-MAY-2008 00:21:27; Bright; 38.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 76; 0;32478
 14; 1749.0; 17-MAY-2008 00:23:37; Bright; 37.0; 15; 67Alp Vir ; 0.98; 28000;occ; 74; 0;32478
 15; 2224.0; 17-MAY-2008 00:31:32; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32478
 16; 2568.1; 17-MAY-2008 00:37:16; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32478
 17; 2745.4; 17-MAY-2008 00:40:13; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32478
 18; 2843.0; 17-MAY-2008 00:41:51; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32478
 19; 3181.0; 17-MAY-2008 00:47:29; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32478
 20; 3446.1; 17-MAY-2008 00:51:54; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32478
 21; 3938.2; 17-MAY-2008 01:00:06; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32478
 22; 4011.6; 17-MAY-2008 01:01:20; Bright; 53.5; 68; 18Alp Cas ; 2.22; 4500;occ; 107; 0;32478

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 4; -457.6; 16-MAY-2008 07:00:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32467
 5; -336.5; 16-MAY-2008 07:02:52; Dark ; 41.5; 84; Alp Phe ; 2.40; 4500;occ; 83; 0;32467
 6; -89.2; 16-MAY-2008 07:07:00; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;32467
 7; 104.1; 16-MAY-2008 07:10:13; Dark ; 46.0; 148; Alp Tuc ; 2.88; 4100;occ; 92; 0;32468
 8; 333.5; 16-MAY-2008 07:14:02; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32468
 9; 650.5; 16-MAY-2008 07:19:19; Dark ; 42.5; 43; Alp TrA ; 1.91; 4250;occ; 85; 0;32468


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10; 780.9; 16-MAY-2008 07:21:30; Dark ; 37.5; 134; Bet TrA ; 2.81; 6600;occ; 75; 0;32468
11; 882.0; 16-MAY-2008 07:23:11; Dark ; 42.5; 4; Alp1Cen ;-0.01; 5800;occ; 85; 0;32468
12; 1096.9; 16-MAY-2008 07:26:46; Dark ; 37.5; 78; Alp Lup ; 2.30; 28000;occ; 75; 0;32468
13; 1187.3; 16-MAY-2008 07:28:16; Dark ; 37.5; 81; Eta Cen ; 2.36; 28000;occ; 75; 0;32468
14; 1302.4; 16-MAY-2008 07:30:11; Dark ; 44.5; 54; 5The Cen ; 2.06; 4500;occ; 89; 0;32468
15; 1617.5; 16-MAY-2008 07:35:26; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32468
16; 1747.3; 16-MAY-2008 07:37:36; Bright; 2.0; 15; 67Alp Vir ; 0.98; 28000;occ; 4; 0;32468
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 2; 2131.9; 16-MAY-2008 07:44:01; Bright; 34.5; 138; 47Eps Vir ; 2.83; 4700;occ; 69; 0;32468
 3; 2223.5; 16-MAY-2008 07:45:32; Bright; 34.0; 111; 8Eta Boo ; 2.68; 6000;occ; 68; 0;32468
 4; 2569.7; 16-MAY-2008 07:51:18; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32468
 5; 2745.5; 16-MAY-2008 07:54:14; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32468
 6; 2842.5; 16-MAY-2008 07:55:51; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32468
 7; 3182.3; 16-MAY-2008 08:01:31; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32468
 8; 3446.2; 16-MAY-2008 08:05:55; Bright; 32.0; 49; 1Alp UMi ; 1.99; 6300;occ; 64; 0;32468
 9; 3938.1; 16-MAY-2008 08:14:07; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32468
10; 4011.7; 16-MAY-2008 08:15:20; Bright; 53.0; 68; 18Alp Cas ; 2.22; 4500;occ; 106; 0;32468
11; 5291.3; 16-MAY-2008 08:36:40; Dark ; 42.5; 52; 16Bet Cet ; 2.04; 4500;occ; 85; 0;32468
12; 5578.6; 16-MAY-2008 08:41:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32468
13; 5699.7; 16-MAY-2008 08:43:28; Dark ; 41.5; 84; Alp Phe ; 2.40; 4500;occ; 83; 0;32468
14; 5947.4; 16-MAY-2008 08:47:36; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;32468
15; 6140.5; 16-MAY-2008 08:50:49; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32468
16; 6370.1; 16-MAY-2008 08:54:39; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32468
17; 6686.7; 16-MAY-2008 08:59:56; Dark ; 39.0; 43; Alp TrA ; 1.91; 4250;occ; 78; 0;32468
18; 6817.2; 16-MAY-2008 09:02:06; Dark ; 37.0; 134; Bet TrA ; 2.81; 6600;occ; 74; 0;32468
19; 6918.0; 16-MAY-2008 09:03:47; Dark ; 50.0; 4; Alp1Cen ;-0.01; 5800;occ; 100; 0;32468
20; 7133.0; 16-MAY-2008 09:07:22; Dark ; 38.0; 78; Alp Lup ; 2.30; 28000;occ; 76; 0;32468
21; 7223.4; 16-MAY-2008 09:08:52; Dark ; 40.0; 81; Eta Cen ; 2.36; 28000;occ; 80; 0;32468
22; 7338.5; 16-MAY-2008 09:10:47; Dark ; 41.0; 54; 5The Cen ; 2.06; 4500;occ; 82; 0;32468
23; 7653.6; 16-MAY-2008 09:16:02; Bright; 37.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 75; 0;32468
24; 7783.4; 16-MAY-2008 09:18:12; Bright; 36.5; 15; 67Alp Vir ; 0.98; 28000;occ; 73; 0;32468
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 3; 2223.7; 16-MAY-2008 09:26:08; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32469
 4; 2569.4; 16-MAY-2008 09:31:54; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;32469
 5; 2745.6; 16-MAY-2008 09:34:50; Bright; 42.5; 39; 85Eta UMa ; 1.85; 24000;occ; 85; 0;32469
 6; 2842.5; 16-MAY-2008 09:36:27; Bright; 35.0; 55; 79Zet UMa ; 2.06; 10200;occ; 70; 0;32469
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 8; 3446.3; 16-MAY-2008 09:46:31; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32469
 9; 3938.1; 16-MAY-2008 09:54:43; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32469
10; 4011.7; 16-MAY-2008 09:55:56; Bright; 41.0; 68; 18Alp Cas ; 2.22; 4500;occ; 82; 0;32469
11; 5291.6; 16-MAY-2008 10:17:16; Dark ; 41.0; 52; 16Bet Cet ; 2.04; 4500;occ; 82; 0;32469
12; 5578.8; 16-MAY-2008 10:22:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32469
13; 5700.0; 16-MAY-2008 10:24:05; Dark ; 41.5; 84; Alp Phe ; 2.40; 4500;occ; 83; 0;32469
14; 5948.0; 16-MAY-2008 10:28:13; Dark ; 52.0; 63; Bet Gru ; 2.15; 2800;occ; 104; 0;32469
15; 6141.0; 16-MAY-2008 10:31:26; Dark ; 46.5; 148; Alp Tuc ; 2.88; 4100;occ; 93; 0;32469
16; 6370.8; 16-MAY-2008 10:35:15; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32469
17; 6687.1; 16-MAY-2008 10:40:32; Dark ; 38.5; 43; Alp TrA ; 1.91; 4250;occ; 77; 0;32469
18; 6817.3; 16-MAY-2008 10:42:42; Dark ; 36.5; 134; Bet TrA ; 2.81; 6600;occ; 73; 0;32469
19; 6918.2; 16-MAY-2008 10:44:23; Dark ; 40.5; 4; Alp1Cen ;-0.01; 5800;occ; 81; 0;32469
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21; 7223.5; 16-MAY-2008 10:49:28; Dark ; 40.0; 81; Eta Cen ; 2.36; 28000;occ; 80; 0;32469
22; 7338.6; 16-MAY-2008 10:51:23; Dark ; 43.5; 54; 5The Cen ; 2.06; 4500;occ; 87; 0;32469
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 3; 2223.6; 16-MAY-2008 11:06:44; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;32470
 4; 2569.4; 16-MAY-2008 11:12:30; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32470
 5; 2745.5; 16-MAY-2008 11:15:26; Bright; 37.5; 39; 85Eta UMa ; 1.85; 24000;occ; 75; 0;32470
 6; 2842.5; 16-MAY-2008 11:17:03; Bright; 35.5; 55; 79Zet UMa ; 2.06; 10200;occ; 71; 0;32470
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 8; 3446.2; 16-MAY-2008 11:27:07; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32470
 9; 3938.0; 16-MAY-2008 11:35:19; Bright; 53.0; 76; 27Gam Cas ; 2.30; 30000;occ; 106; 0;32470
10; 4011.7; 16-MAY-2008 11:36:32; Bright; 35.5; 68; 18Alp Cas ; 2.22; 4500;occ; 71; 0;32470
11; 5291.8; 16-MAY-2008 11:57:52; Dark ; 41.5; 52; 16Bet Cet ; 2.04; 4500;occ; 83; 0;32470

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15; 6141.4; 16-MAY-2008 12:12:02; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32470
16; 6371.4; 16-MAY-2008 12:15:52; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32470
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21; 7223.8; 16-MAY-2008 12:30:04; Dark ; 38.5; 81; Eta Cen ; 2.36; 28000;occ; 77; 0;32470
22; 7338.8; 16-MAY-2008 12:31:59; Dark ; 42.0; 54; 5The Cen ; 2.06; 4500;occ; 84; 0;32470
23; 7653.7; 16-MAY-2008 12:37:14; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32470
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 4; 2223.8; 16-MAY-2008 12:47:20; Bright; 34.5; 111; 8Eta Boo ; 2.68; 6000;occ; 69; 0;32471
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 6; 2745.6; 16-MAY-2008 12:56:02; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32471
 7; 2842.6; 16-MAY-2008 12:57:39; Bright; 37.0; 55; 79Zet UMa ; 2.06; 10200;occ; 74; 0;32471
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 16; 5810.9; 17-MAY-2008 14:56:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32486
 17; 5959.3; 17-MAY-2008 14:58:35; Dark ; 58.0; 63; Bet Gru ; 2.15; 2800;occ; 116; 0;32486
 18; 6051.1; 17-MAY-2008 15:00:06; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32486
 19; 6149.2; 17-MAY-2008 15:01:45; Dark ; 39.0; 148; Alp Tuc ; 2.88; 4100;occ; 78; 0;32486
 20; 6382.8; 17-MAY-2008 15:05:38; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32486
 21; 6808.5; 17-MAY-2008 15:12:44; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32486
 22; 6965.9; 17-MAY-2008 15:15:21; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;32486
 23; 7077.7; 17-MAY-2008 15:17:13; Dark ; 35.0; 25; 35Lam Sco ; 1.62; 28000;occ; 70; 0;32486
 24; 7213.3; 17-MAY-2008 15:19:29; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32486
 25; 7395.2; 17-MAY-2008 15:22:31; Dark ; 18.0; 16; 21Alp Sco ; 1.02; 3000;occ; 36; 0;32486

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 5; 2040.2; 17-MAY-2008 15:33:52; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32487
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 7; 2378.4; 17-MAY-2008 15:39:30; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32487
 8; 2567.1; 17-MAY-2008 15:42:38; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;32487
 9; 2745.6; 17-MAY-2008 15:45:37; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32487
 10; 3079.6; 17-MAY-2008 15:51:11; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32487
 11; 3180.2; 17-MAY-2008 15:52:51; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;32487
 12; 3446.4; 17-MAY-2008 15:57:18; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32487
 13; 3938.4; 17-MAY-2008 16:05:30; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;32487
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 16; 4772.9; 17-MAY-2008 16:19:24; Dark ; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;32487
 17; 5297.7; 17-MAY-2008 16:28:09; Dark ; 42.0; 52; 16Bet Cet ; 2.04; 4500;occ; 84; 0;32487
 18; 5704.0; 17-MAY-2008 16:34:55; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;32487
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 21; 6052.1; 17-MAY-2008 16:40:43; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;32487
 22; 6149.9; 17-MAY-2008 16:42:21; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32487
 23; 6383.6; 17-MAY-2008 16:46:15; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32487
 24; 6809.2; 17-MAY-2008 16:53:21; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32487
 25; 6966.6; 17-MAY-2008 16:55:58; Dark ; 51.5; 40; The Sco ; 1.86; 7100;occ; 103; 0;32487
 26; 7078.4; 17-MAY-2008 16:57:50; Dark ; 38.0; 25; 35Lam Sco ; 1.62; 28000;occ; 76; 0;32487
 27; 7213.8; 17-MAY-2008 17:00:05; Dark ; 51.0; 75; 26Eps Sco ; 2.29; 4250;occ; 102; 0;32487

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 12; 3180.0; 17-MAY-2008 17:33:27; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32488
 13; 3446.5; 17-MAY-2008 17:37:54; Bright; 35.0; 49; 1Alp UMi ; 1.99; 6300;occ; 70; 0;32488

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 17; 4773.5; 17-MAY-2008 18:00:01; Dark ; 43.0; 140; 88Gam Peg ; 2.83; 26000;occ; 86; 0;32488
 18; 5298.1; 17-MAY-2008 18:08:45; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32488
 19; 5704.8; 17-MAY-2008 18:15:32; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;32488
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 22; 6052.8; 17-MAY-2008 18:21:20; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32488
 23; 6150.4; 17-MAY-2008 18:22:58; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32488
 24; 6384.3; 17-MAY-2008 18:26:52; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32488
 25; 6809.6; 17-MAY-2008 18:33:57; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32488
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 3; 1178.2; 17-MAY-2008 18:40:42; Dark ; 52.0; 75; 26Eps Sco ; 2.29; 4250;occ; 104; 0;32489
 4; 1359.9; 17-MAY-2008 18:43:43; Dark ; 58.0; 16; 21Alp Sco ; 1.02; 3000;occ; 116; 0;32489
 5; 1512.3; 17-MAY-2008 18:46:16; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32489
 6; 1620.0; 17-MAY-2008 18:48:03; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32489
 7; 1729.1; 17-MAY-2008 18:49:52; Bright; 39.0; 104; 27Bet Lib ; 2.61; 13100;occ; 78; 0;32489
 8; 2039.8; 17-MAY-2008 18:55:03; Bright; 42.0; 102; 24Alp Ser ; 2.60; 4250;occ; 84; 0;32489
 9; 2234.5; 17-MAY-2008 18:58:18; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;32489
 10; 2378.2; 17-MAY-2008 19:00:42; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;32489
 11; 2566.8; 17-MAY-2008 19:03:50; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32489
 12; 2745.7; 17-MAY-2008 19:06:49; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32489
 13; 3078.6; 17-MAY-2008 19:12:22; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;32489
 14; 3180.0; 17-MAY-2008 19:14:03; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32489
 15; 3446.3; 17-MAY-2008 19:18:30; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32489
 16; 3938.4; 17-MAY-2008 19:26:42; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32489
 17; 4011.7; 17-MAY-2008 19:27:55; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32489
 18; 4519.8; 17-MAY-2008 19:36:23; Dark ; 45.0; 58; 21Alp And ; 2.07; 11000;occ; 90; 0;32489
 19; 4773.2; 17-MAY-2008 19:40:37; Dark ; 42.5; 140; 88Gam Peg ; 2.83; 26000;occ; 85; 0;32489
 20; 5298.4; 17-MAY-2008 19:49:22; Dark ; 41.5; 52; 16Bet Cet ; 2.04; 4500;occ; 83; 0;32489
 21; 5705.6; 17-MAY-2008 19:56:09; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;32489
 22; 5812.4; 17-MAY-2008 19:57:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32489
 23; 5961.3; 17-MAY-2008 20:00:25; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32489
 24; 6053.5; 17-MAY-2008 20:01:57; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32489
 25; 6150.8; 17-MAY-2008 20:03:34; Dark ; 41.0; 148; Alp Tuc ; 2.88; 4100;occ; 82; 0;32489
 26; 6385.0; 17-MAY-2008 20:07:28; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32489
 27; 6810.0; 17-MAY-2008 20:14:33; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32489

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 5; 20.0; 18-MAY-2008 01:03:47; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32493
 6; 116.3; 18-MAY-2008 01:05:23; Dark ; 40.0; 148; Alp Tuc ; 2.88; 4100;occ; 80; 0;32493
 7; 351.0; 18-MAY-2008 01:09:18; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32493
 8; 775.5; 18-MAY-2008 01:16:22; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32493
 9; 933.6; 18-MAY-2008 01:19:01; Dark ; 50.0; 40; The Sco ; 1.86; 7100;occ; 100; 0;32493
 10; 1045.4; 18-MAY-2008 01:20:52; Dark ; 45.0; 25; 35Lam Sco ; 1.62; 28000;occ; 90; 0;32493
 11; 1179.9; 18-MAY-2008 01:23:07; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32493
 12; 1360.9; 18-MAY-2008 01:26:08; Dark ; 64.0; 16; 21Alp Sco ; 1.02; 3000;occ; 128; 0;32493
 13; 1513.0; 18-MAY-2008 01:28:40; Bright; 44.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 89; 0;32493
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 16; 2038.7; 18-MAY-2008 01:37:26; Bright; 42.5; 102; 24Alp Ser ; 2.60; 4250;occ; 85; 0;32493
 17; 2234.4; 18-MAY-2008 01:40:41; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32493
 18; 2377.4; 18-MAY-2008 01:43:04; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32493
 19; 2566.3; 18-MAY-2008 01:46:13; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32493
 20; 2745.6; 18-MAY-2008 01:49:13; Bright; 33.5; 39; 85Eta UMa ; 1.85; 24000;occ; 67; 0;32493
 21; 3076.8; 18-MAY-2008 01:54:44; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32493
 22; 3179.4; 18-MAY-2008 01:56:26; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;32493
 23; 3446.3; 18-MAY-2008 02:00:53; Bright; 34.5; 49; 1Alp UMi ; 1.99; 6300;occ; 69; 0;32493

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11; 351.9; 18-MAY-2008 02:49:55; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32494
12; 776.1; 18-MAY-2008 02:56:59; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32494
13; 934.3; 18-MAY-2008 02:59:37; Dark ; 51.0; 40; The Sco ; 1.86; 7100;occ; 102; 0;32494
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21; 2234.5; 18-MAY-2008 03:21:17; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;32494
22; 2377.5; 18-MAY-2008 03:23:40; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32494
23; 2566.3; 18-MAY-2008 03:26:49; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32494
24; 2745.7; 18-MAY-2008 03:29:49; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;32494
25; 3076.4; 18-MAY-2008 03:35:19; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32494
26; 3179.3; 18-MAY-2008 03:37:02; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32494
27; 3446.4; 18-MAY-2008 03:41:29; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32494
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 21; 6814.3; 18-MAY-2008 11:20:01; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32498
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 24; 7218.4; 18-MAY-2008 11:26:45; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;32498
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 21; 6814.8; 18-MAY-2008 13:00:37; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32499
 22; 6973.7; 18-MAY-2008 13:03:16; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32499
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 3; 2234.7; 18-MAY-2008 13:24:53; Bright; 35.0; 3; 16Alp Boo ;-0.05; 4250;occ; 70; 0;32500
 4; 2376.5; 18-MAY-2008 13:27:15; Bright; 40.0; 83; ; 2.38; 11000;occ; 80; 0;32500
 5; 2565.5; 18-MAY-2008 13:30:24; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32500
 6; 2745.9; 18-MAY-2008 13:33:24; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32500
 7; 3073.7; 18-MAY-2008 13:38:52; Bright; 41.5; 119; 14Eta Dra ; 2.73; 4700;occ; 83; 0;32500
 8; 3178.6; 18-MAY-2008 13:40:37; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;32500
 9; 3446.5; 18-MAY-2008 13:45:05; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32500
 10; 3938.3; 18-MAY-2008 13:53:17; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32500
 11; 4011.4; 18-MAY-2008 13:54:30; Bright; 34.0; 68; 18Alp Cas ; 2.22; 4500;occ; 68; 0;32500
 12; 4521.7; 18-MAY-2008 14:03:00; Dark ; 45.0; 58; 21Alp And ; 2.07; 11000;occ; 90; 0;32500
 13; 4777.2; 18-MAY-2008 14:07:16; Dark ; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;32500
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 9; 3178.6; 18-MAY-2008 15:21:13; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32501
10; 3446.6; 18-MAY-2008 15:25:41; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32501
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17; 5818.2; 18-MAY-2008 16:05:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;32501
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19; 6815.9; 18-MAY-2008 16:21:50; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32501
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 9; 2746.1; 18-MAY-2008 16:54:36; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32502
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23; 6816.5; 18-MAY-2008 18:02:27; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32502
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 5; 1729.8; 18-MAY-2008 18:18:16; Bright; 39.0; 104; 27Bet Lib ; 2.61; 13100;occ; 78; 0;32503
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8; -60.4; 19-MAY-2008 07:13:13; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;32510
9; 34.2; 19-MAY-2008 07:14:48; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32511
10; 363.8; 19-MAY-2008 07:20:18; Dark ; 42.0; 45; Alp Pav ; 1.94; 26000;occ; 84; 0;32511
11; 784.3; 19-MAY-2008 07:27:18; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32511

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 6; 2746.3; 19-MAY-2008 08:00:00; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32511
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19; 6400.4; 19-MAY-2008 09:00:54; Dark ; 40.0; 45; Alp Pav ; 1.94; 26000;occ; 80; 0;32511
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11; 4011.1; 19-MAY-2008 10:01:41; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32512
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 6; 2746.3; 19-MAY-2008 11:21:12; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32513
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 9; 3938.0; 19-MAY-2008 11:41:04; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;32513
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 18; 6401.9; 19-MAY-2008 12:22:07; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32513
 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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 22; 7224.7; 19-MAY-2008 12:35:50; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 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
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 7; 2746.4; 19-MAY-2008 13:01:48; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 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
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5; 2033.9; 19-MAY-2008 16:11:07; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32516
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8; 2033.7; 19-MAY-2008 17:51:43; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32517
9; 2235.2; 19-MAY-2008 17:55:05; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;32517
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11; 2563.6; 19-MAY-2008 18:00:33; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32517
12; 2746.5; 19-MAY-2008 18:03:36; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32517
13; 3066.4; 19-MAY-2008 18:08:56; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32517
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15; 3446.6; 19-MAY-2008 18:15:16; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32517
16; 3938.3; 19-MAY-2008 18:23:28; Bright; 33.5; 76; 27Gam Cas ; 2.30; 30000;occ; 67; 0;32517
17; 4011.0; 19-MAY-2008 18:24:40; Bright; 54.0; 68; 18Alp Cas ; 2.22; 4500;occ; 108; 0;32517
18; 4524.5; 19-MAY-2008 18:33:14; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 0;32517
19; 4782.6; 19-MAY-2008 18:37:32; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32517
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6; 1624.2; 19-MAY-2008 19:25:30; Bright; 37.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 74; 0;32518
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13; 3065.8; 19-MAY-2008 19:49:31; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32518
14; 3176.9; 19-MAY-2008 19:51:22; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;32518
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 26; 6823.9; 19-MAY-2008 20:52:09; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32518
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 5; 43.1; 20-MAY-2008 01:41:32; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32522
 6; 371.4; 20-MAY-2008 01:47:00; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32522
 7; 789.3; 20-MAY-2008 01:53:58; Dark ; 43.0; 141; Bet Ara ; 2.84; 4600;occ; 86; 0;32522
 8; 950.9; 20-MAY-2008 01:56:40; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32522
 9; 1062.4; 20-MAY-2008 01:58:31; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;32522
 10; 1192.1; 20-MAY-2008 02:00:41; Dark ; 46.5; 75; 26Eps Sco ; 2.29; 4250;occ; 93; 0;32522
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 12; 1517.9; 20-MAY-2008 02:06:07; Bright; 43.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 86; 0;32522
 13; 1624.6; 20-MAY-2008 02:07:54; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32522
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 16; 2235.3; 20-MAY-2008 02:18:04; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;32522
 17; 2373.9; 20-MAY-2008 02:20:23; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;32522
 18; 2563.1; 20-MAY-2008 02:23:32; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32522
 19; 2746.6; 20-MAY-2008 02:26:36; Bright; 49.5; 39; 85Eta UMa ; 1.85; 24000;occ; 99; 0;32522
 20; 3064.1; 20-MAY-2008 02:31:53; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32522
 21; 3176.4; 20-MAY-2008 02:33:45; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;32522
 22; 3446.5; 20-MAY-2008 02:38:15; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32522
 23; 3938.1; 20-MAY-2008 02:46:27; Bright; 23.0; 76; 27Gam Cas ; 2.30; 30000;occ; 46; 0;32522

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 5; -725.5; 20-MAY-2008 03:09:19; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32522
 6; -301.0; 20-MAY-2008 03:16:24; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;32522
 7; -207.4; 20-MAY-2008 03:17:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32522
 8; -52.0; 20-MAY-2008 03:20:33; Dark ; 57.5; 63; Bet Gru ; 2.15; 2800;occ; 115; 0;32522
 9; 44.0; 20-MAY-2008 03:22:09; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32523
 10; 372.2; 20-MAY-2008 03:27:37; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32523
 11; 790.0; 20-MAY-2008 03:34:35; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32523
 12; 951.7; 20-MAY-2008 03:37:17; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32523
 13; 1063.2; 20-MAY-2008 03:39:08; Dark ; 53.0; 25; 35Lam Sco ; 1.62; 28000;occ; 106; 0;32523
 14; 1192.6; 20-MAY-2008 03:41:17; Dark ; 52.5; 75; 26Eps Sco ; 2.29; 4250;occ; 105; 0;32523
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 16; 1517.9; 20-MAY-2008 03:46:43; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32523
 17; 1625.0; 20-MAY-2008 03:48:30; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32523
 18; 1731.3; 20-MAY-2008 03:50:16; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32523
 19; 2032.5; 20-MAY-2008 03:55:17; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32523
 20; 2235.5; 20-MAY-2008 03:58:40; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;32523
 21; 2373.9; 20-MAY-2008 04:00:59; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32523
 22; 2563.1; 20-MAY-2008 04:04:08; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32523
 23; 2746.8; 20-MAY-2008 04:07:12; Bright; 34.5; 39; 85Eta UMa ; 1.85; 24000;occ; 69; 0;32523
 24; 3063.9; 20-MAY-2008 04:12:29; Bright; 41.0; 119; 14Eta Dra ; 2.73; 4700;occ; 82; 0;32523
 25; 3176.5; 20-MAY-2008 04:14:21; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32523
 26; 3446.7; 20-MAY-2008 04:18:52; Bright; 33.5; 49; 1Alp UMi ; 1.99; 6300;occ; 67; 0;32523

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 4; -1251.4; 20-MAY-2008 04:41:09; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32523
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23; 2746.9; 20-MAY-2008 05:47:48; Bright; 36.5; 39; 85Eta UMa ; 1.85; 24000;occ; 73; 0;32524
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6; 2746.9; 20-MAY-2008 07:28:24; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;32525
7; 3063.0; 20-MAY-2008 07:33:40; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32525
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9; 3446.7; 20-MAY-2008 07:40:03; Bright; 35.5; 49; 1Alp UMi ; 1.99; 6300;occ; 71; 0;32525
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 4; 1731.9; 20-MAY-2008 15:34:28; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32530
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 6; 2235.7; 20-MAY-2008 15:42:52; Bright; 34.5; 3; 16Alp Boo ; -0.05; 4250;occ; 69; 0;32530
 7; 2373.2; 20-MAY-2008 15:45:10; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32530
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 9; 2747.3; 20-MAY-2008 15:51:24; Bright; 34.0; 39; 85Eta UMa ; 1.85; 24000;occ; 68; 0;32530
 10; 3061.0; 20-MAY-2008 15:56:37; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;32530
 11; 3175.8; 20-MAY-2008 15:58:32; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32530
 12; 3446.8; 20-MAY-2008 16:03:03; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32530
 13; 3938.1; 20-MAY-2008 16:11:14; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;32530
 14; 4010.8; 20-MAY-2008 16:12:27; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32530
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 17; 5313.7; 20-MAY-2008 16:34:10; Dark ; 43.5; 52; 16Bet Cet ; 2.04; 4500;occ; 87; 0;32530
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 22; 6414.0; 20-MAY-2008 16:52:30; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32530
 23; 6829.7; 20-MAY-2008 16:59:26; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32530
 24; 6992.4; 20-MAY-2008 17:02:09; Dark ; 46.5; 40; The Sco ; 1.86; 7100;occ; 93; 0;32530
 25; 7103.7; 20-MAY-2008 17:04:00; Dark ; 52.5; 25; 35Lam Sco ; 1.62; 28000;occ; 105; 0;32530
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 7; 2235.8; 20-MAY-2008 17:23:28; Bright; 35.0; 3; 16Alp Boo ; -0.05; 4250;occ; 70; 0;32531
 8; 2373.2; 20-MAY-2008 17:25:46; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;32531
 9; 2562.5; 20-MAY-2008 17:28:55; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32531
 10; 2747.3; 20-MAY-2008 17:32:00; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32531
 11; 3060.5; 20-MAY-2008 17:37:13; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32531
 12; 3175.7; 20-MAY-2008 17:39:08; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;32531
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 19; 5743.3; 20-MAY-2008 18:21:56; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;32531
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 21; 5990.4; 20-MAY-2008 18:26:03; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;32531
 22; 6087.4; 20-MAY-2008 18:27:40; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32531
 23; 6414.7; 20-MAY-2008 18:33:07; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 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
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9; 2373.0; 20-MAY-2008 19:06:21; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32532
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24; 6415.4; 20-MAY-2008 20:13:44; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32532
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3; -200.8; 21-MAY-2008 01:05:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32535
4; -42.9; 21-MAY-2008 01:08:29; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;32535
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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
15; 2030.0; 21-MAY-2008 01:43:02; Bright; 41.0; 102; 24Alp Ser ; 2.60; 4250;occ; 82; 0;32536
16; 2236.0; 21-MAY-2008 01:46:28; Bright; 36.0; 3; 16Alp Boo ; -0.05; 4250;occ; 72; 0;32536
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19; 2747.5; 21-MAY-2008 01:54:59; Bright; 35.5; 39; 85Eta UMa ; 1.85; 24000;occ; 71; 0;32536
20; 3058.4; 21-MAY-2008 02:00:10; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32536
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22; 3446.7; 21-MAY-2008 02:06:39; Bright; 34.0; 49; 1Alp UMi ; 1.99; 6300;occ; 68; 0;32536
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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4; -1246.6; 21-MAY-2008 04:09:37; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32537
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9; 56.2; 21-MAY-2008 04:31:20; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32538
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14; 1198.6; 21-MAY-2008 04:50:22; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32538
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3; 2236.3; 21-MAY-2008 10:09:28; Bright; 38.0; 3; 16Alp Boo ; -0.05; 4250;occ; 76; 0;32541
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 9; 2028.0; 21-MAY-2008 20:09:35; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;32547
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 7; 801.4; 21-MAY-2008 21:29:45; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32548
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 9; 1076.9; 21-MAY-2008 21:34:20; Dark ; 51.0; 25; 35Lam Sco ; 1.62; 28000;occ; 102; 0;32548
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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
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 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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 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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25; 3173.6; 22-MAY-2008 06:32:16; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32553
26; 3446.8; 22-MAY-2008 06:36:50; Bright; 31.5; 49; 1Alp UMi ; 1.99; 6300;occ; 63; 0;32553
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 2; -2026.0; 22-MAY-2008 06:46:13; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;32553
 3; -1505.2; 22-MAY-2008 06:54:54; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;32553
 4; -1240.9; 22-MAY-2008 06:59:18; Dark ; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;32553
 5; -712.9; 22-MAY-2008 07:08:06; Dark ; 47.5; 52; 16Bet Cet ; 2.04; 4500;occ; 95; 0;32553
 6; -191.4; 22-MAY-2008 07:16:47; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32553
 7; -29.7; 22-MAY-2008 07:19:29; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;32553
 8; 57.0; 22-MAY-2008 07:20:56; Dark ; 50.0; 172; Gam Gru ; 3.00; 13100;occ; 100; 0;32554
 9; 147.6; 22-MAY-2008 07:22:26; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32554
10; 394.3; 22-MAY-2008 07:26:33; Dark ; 39.5; 45; Alp Pav ; 1.94; 26000;occ; 79; 0;32554
11; 804.3; 22-MAY-2008 07:33:23; Dark ; 44.0; 141; Bet Ara ; 2.84; 4600;occ; 88; 0;32554
12; 969.3; 22-MAY-2008 07:36:08; Dark ; 47.5; 40; The Sco ; 1.86; 7100;occ; 95; 0;32554
13; 1080.3; 22-MAY-2008 07:37:59; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32554
14; 1204.9; 22-MAY-2008 07:40:04; Dark ; 45.0; 75; 26Eps Sco ; 2.29; 4250;occ; 90; 0;32554
15; 1377.9; 22-MAY-2008 07:42:57; Dark ; 54.5; 16; 21Alp Sco ; 1.02; 3000;occ; 109; 0;32554
16; 1523.1; 22-MAY-2008 07:45:22; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32554
17; 1629.2; 22-MAY-2008 07:47:08; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32554
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 2; 1842.0; 22-MAY-2008 07:50:41; Bright; 44.0; 120; 1Del Oph ; 2.73; 3200;occ; 88; 0;32554
 3; 2027.1; 22-MAY-2008 07:53:46; Bright; 40.0; 102; 24Alp Ser ; 2.60; 4250;occ; 80; 0;32554
 4; 2237.3; 22-MAY-2008 07:57:16; Bright; 35.5; 3; 16Alp Boo ; -0.05; 4250;occ; 71; 0;32554
 5; 2371.2; 22-MAY-2008 07:59:30; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32554
 6; 2561.1; 22-MAY-2008 08:02:40; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32554
 7; 3051.1; 22-MAY-2008 08:10:50; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32554
 8; 3173.6; 22-MAY-2008 08:12:52; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32554
 9; 3446.8; 22-MAY-2008 08:17:26; Bright; 32.5; 49; 1Alp UMi ; 1.99; 6300;occ; 65; 0;32554
10; 3937.5; 22-MAY-2008 08:25:36; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;32554
11; 4009.9; 22-MAY-2008 08:26:49; Bright; 42.0; 68; 18Alp Cas ; 2.22; 4500;occ; 84; 0;32554
12; 4530.9; 22-MAY-2008 08:35:30; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;32554
13; 4795.6; 22-MAY-2008 08:39:54; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32554
14; 5323.4; 22-MAY-2008 08:48:42; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32554

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 16; 6006.9; 22-MAY-2008 09:00:06; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;32554
 17; 6094.0; 22-MAY-2008 09:01:33; Dark ; 46.0; 172; Gam Gru ; 3.00; 13100;occ; 92; 0;32554
 18; 6184.0; 22-MAY-2008 09:03:03; Dark ; 38.5; 148; Alp Tuc ; 2.88; 4100;occ; 77; 0;32554
 19; 6430.9; 22-MAY-2008 09:07:10; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32554
 20; 6840.7; 22-MAY-2008 09:13:59; Dark ; 41.5; 141; Bet Ara ; 2.84; 4600;occ; 83; 0;32554
 21; 7005.7; 22-MAY-2008 09:16:44; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32554
 22; 7116.9; 22-MAY-2008 09:18:36; Dark ; 49.5; 25; 35Lam Sco ; 1.62; 28000;occ; 99; 0;32554
 23; 7241.2; 22-MAY-2008 09:20:40; Dark ; 49.5; 75; 26Eps Sco ; 2.29; 4250;occ; 99; 0;32554
 24; 7414.1; 22-MAY-2008 09:23:33; Dark ; 54.0; 16; 21Alp Sco ; 1.02; 3000;occ; 108; 0;32554
 25; 7559.2; 22-MAY-2008 09:25:58; Bright; 39.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 78; 0;32554
 26; 7665.3; 22-MAY-2008 09:27:44; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32554
 27; 7769.5; 22-MAY-2008 09:29:28; Bright; 27.5; 104; 27Bet Lib ; 2.61; 13100;occ; 55; 0;32554

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 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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 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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 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
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 21; 3446.7; 22-MAY-2008 23:22:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32563
 22; 3937.1; 22-MAY-2008 23:30:59; Bright; 35.0; 76; 27Gam Cas ; 2.30; 30000;occ; 70; 0;32563
 23; 4009.3; 22-MAY-2008 23:32:11; Bright; 36.5; 68; 18Alp Cas ; 2.22; 4500;occ; 73; 0;32563
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 25; 4798.6; 22-MAY-2008 23:45:21; Dark ; 46.0; 140; 88Gam Peg ; 2.83; 26000;occ; 92; 0;32563
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 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
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 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
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 13; 1630.6; 23-MAY-2008 00:33:09; Bright; 35.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 70; 0;32564
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 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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 3; 1734.0; 22-MAY-2008 14:31:16; Bright; 36.0; 104; 27Bet Lib ; 2.61; 13100;occ; 72; 0;32558
 4; 1841.7; 22-MAY-2008 14:33:04; Bright; 45.0; 120; 1Del Oph ; 2.73; 3200;occ; 90; 0;32558
 5; 2026.5; 22-MAY-2008 14:36:09; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32558
 6; 2370.9; 22-MAY-2008 14:41:53; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32558
 7; 2560.8; 22-MAY-2008 14:45:03; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;32558
 8; 3049.6; 22-MAY-2008 14:53:12; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32558
 9; 3173.3; 22-MAY-2008 14:55:16; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32558
10; 3446.8; 22-MAY-2008 14:59:49; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32558
11; 3937.5; 22-MAY-2008 15:08:00; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32558
12; 4009.7; 22-MAY-2008 15:09:12; Bright; 38.0; 68; 18Alp Cas ; 2.22; 4500;occ; 76; 0;32558
13; 4531.9; 22-MAY-2008 15:17:54; Dark ; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;32558
14; 4797.1; 22-MAY-2008 15:22:19; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32558
15; 5325.3; 22-MAY-2008 15:31:08; Dark ; 44.0; 52; 16Bet Cet ; 2.04; 4500;occ; 88; 0;32558
16; 5847.3; 22-MAY-2008 15:39:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32558
17; 6009.9; 22-MAY-2008 15:42:32; Dark ; 51.0; 63; Bet Gru ; 2.15; 2800;occ; 102; 0;32558
18; 6098.8; 22-MAY-2008 15:44:01; Dark ; 39.0; 172; Gam Gru ; 3.00; 13100;occ; 78; 0;32558
19; 6186.2; 22-MAY-2008 15:45:29; Dark ; 39.5; 148; Alp Tuc ; 2.88; 4100;occ; 79; 0;32558
20; 6433.7; 22-MAY-2008 15:49:36; Dark ; 41.0; 45; Alp Pav ; 1.94; 26000;occ; 82; 0;32558
21; 6842.5; 22-MAY-2008 15:56:25; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32558
22; 7008.1; 22-MAY-2008 15:59:10; Dark ; 44.0; 40; The Sco ; 1.86; 7100;occ; 88; 0;32558
23; 7119.0; 22-MAY-2008 16:01:01; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32558
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 3; 1630.0; 22-MAY-2008 16:10:08; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32559
 4; 1734.0; 22-MAY-2008 16:11:52; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32559
 5; 1841.4; 22-MAY-2008 16:13:40; Bright; 45.5; 120; 1Del Oph ; 2.73; 3200;occ; 91; 0;32559
 6; 2026.3; 22-MAY-2008 16:16:45; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32559
 7; 2370.8; 22-MAY-2008 16:22:29; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;32559
 8; 2560.8; 22-MAY-2008 16:25:39; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;32559
 9; 3049.2; 22-MAY-2008 16:33:47; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32559
10; 3173.2; 22-MAY-2008 16:35:51; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32559
11; 3446.8; 22-MAY-2008 16:40:25; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32559

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

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

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

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4; 69.8; 23-MAY-2008 01:47:44; Dark ; 27.0; 172; Gam Gru ; 3.00; 13100;occ; 54; 0;32565
5; 153.3; 23-MAY-2008 01:49:07; Dark ; 40.5; 148; Alp Tuc ; 2.88; 4100;occ; 81; 0;32565
6; 401.9; 23-MAY-2008 01:53:16; Dark ; 40.5; 45; Alp Pav ; 1.94; 26000;occ; 81; 0;32565
7; 809.1; 23-MAY-2008 02:00:03; Dark ; 41.0; 141; Bet Ara ; 2.84; 4600;occ; 82; 0;32565
8; 975.3; 23-MAY-2008 02:02:49; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32565
9; 1086.0; 23-MAY-2008 02:04:40; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32565
10; 1208.9; 23-MAY-2008 02:06:43; Dark ; 50.0; 75; 26Eps Sco ; 2.29; 4250;occ; 100; 0;32565
11; 1380.7; 23-MAY-2008 02:09:35; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32565
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13; 1630.8; 23-MAY-2008 02:13:45; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32565
14; 1734.4; 23-MAY-2008 02:15:28; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32565
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16; 2025.1; 23-MAY-2008 02:20:19; Bright; 40.5; 102; 24Alp Ser ; 2.60; 4250;occ; 81; 0;32565
17; 2370.5; 23-MAY-2008 02:26:04; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32565
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19; 3046.8; 23-MAY-2008 02:37:21; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32565
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2;-2026.8; 23-MAY-2008 02:53:23; Bright; 55.0; 68; 18Alp Cas ; 2.22; 4500;occ; 110; 0;32565
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9; 71.1; 23-MAY-2008 03:28:21; Dark ; 27.0; 172; Gam Gru ; 3.00; 13100;occ; 54; 0;32566
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13; 3171.8; 23-MAY-2008 21:06:01; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;32576
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13; 1638.5; 23-MAY-2008 22:21:04; Bright; 30.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 60; 0;32577
14; 1735.4; 23-MAY-2008 22:22:41; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32577
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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
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22; 3936.7; 23-MAY-2008 22:59:22; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;32577
23; 4008.6; 23-MAY-2008 23:00:34; Bright; 37.0; 68; 18Alp Cas ; 2.22; 4500;occ; 74; 0;32577
24; 4382.3; 23-MAY-2008 23:06:47; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32577
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 22; 7124.3; 23-MAY-2008 08:47:06; Dark ; 50.5; 25; 35Lam Sco ; 1.62; 28000;occ; 101; 0;32568
 23; 7246.4; 23-MAY-2008 08:49:08; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32568
 24; 7417.8; 23-MAY-2008 08:52:00; Dark ; 58.0; 16; 21Alp Sco ; 1.02; 3000;occ; 116; 0;32568
 25; 7561.5; 23-MAY-2008 08:54:23; Bright; 42.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 84; 0;32568
 26; 7667.4; 23-MAY-2008 08:56:09; Bright; 36.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 72; 0;32568
 27; 7770.8; 23-MAY-2008 08:57:53; Bright; 10.0; 104; 27Bet Lib ; 2.61; 13100;occ; 20; 0;32568

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

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

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 3; 2024.6; 23-MAY-2008 10:43:18; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32570
 4; 2370.2; 23-MAY-2008 10:49:04; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;32570
 5; 2560.1; 23-MAY-2008 10:52:14; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32570
 6; 3044.9; 23-MAY-2008 11:00:18; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32570
 7; 3172.3; 23-MAY-2008 11:02:26; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32570
 8; 3446.7; 23-MAY-2008 11:07:00; Bright; 36.0; 49; 1Alp UMi ; 1.99; 6300;occ; 72; 0;32570
 9; 3936.9; 23-MAY-2008 11:15:10; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32570
 10; 4009.0; 23-MAY-2008 11:16:23; Bright; 36.0; 68; 18Alp Cas ; 2.22; 4500;occ; 72; 0;32570
 11; 4381.4; 23-MAY-2008 11:22:35; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;32570
 12; 4533.7; 23-MAY-2008 11:25:07; Dark ; 48.0; 58; 21Alp And ; 2.07; 11000;occ; 96; 0;32570
 13; 4801.2; 23-MAY-2008 11:29:35; Dark ; 46.5; 140; 88Gam Peg ; 2.83; 26000;occ; 93; 0;32570
 14; 5330.4; 23-MAY-2008 11:38:24; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32570
 15; 5737.0; 23-MAY-2008 11:45:11; Dark ; 42.5; 84; Alp Phe ; 2.40; 4500;occ; 85; 0;32570
 16; 5853.7; 23-MAY-2008 11:47:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32570
 17; 6018.8; 23-MAY-2008 11:49:52; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;32570
 18; 6119.9; 23-MAY-2008 11:51:33; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32570
 19; 6442.1; 23-MAY-2008 11:56:56; Dark ; 42.5; 45; Alp Pav ; 1.94; 26000;occ; 85; 0;32570
 20; 6847.7; 23-MAY-2008 12:03:41; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32570
 21; 7014.4; 23-MAY-2008 12:06:28; Dark ; 53.0; 40; The Sco ; 1.86; 7100;occ; 106; 0;32570
 22; 7125.2; 23-MAY-2008 12:08:19; Dark ; 49.0; 25; 35Lam Sco ; 1.62; 28000;occ; 98; 0;32570
 23; 7247.1; 23-MAY-2008 12:10:21; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32570
 24; 7418.3; 23-MAY-2008 12:13:12; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32570
 25; 7561.7; 23-MAY-2008 12:15:35; Bright; 41.0; 97; 8Bet1Sco ; 2.56; 30000;occ; 82; 0;32570
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 3; 1840.2; 23-MAY-2008 12:20:50; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 0;32571
 4; 2024.5; 23-MAY-2008 12:23:54; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32571
 5; 2370.2; 23-MAY-2008 12:29:40; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;32571
 6; 2560.1; 23-MAY-2008 12:32:50; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;32571
 7; 3044.5; 23-MAY-2008 12:40:54; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32571
 8; 3172.2; 23-MAY-2008 12:43:02; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32571
 9; 3446.8; 23-MAY-2008 12:47:36; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32571
 10; 3937.0; 23-MAY-2008 12:55:46; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32571
 11; 4009.0; 23-MAY-2008 12:56:58; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32571
 12; 4381.7; 23-MAY-2008 13:03:11; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;32571
 13; 4533.9; 23-MAY-2008 13:05:43; Dark ; 46.5; 58; 21Alp And ; 2.07; 11000;occ; 93; 0;32571
 14; 4801.6; 23-MAY-2008 13:10:11; Dark ; 44.5; 140; 88Gam Peg ; 2.83; 26000;occ; 89; 0;32571
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 16; 5737.5; 23-MAY-2008 13:25:47; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;32571
 17; 5854.2; 23-MAY-2008 13:27:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32571
 18; 6019.5; 23-MAY-2008 13:30:29; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;32571
 19; 6120.8; 23-MAY-2008 13:32:10; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32571
 20; 6442.8; 23-MAY-2008 13:37:32; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32571
 21; 6848.4; 23-MAY-2008 13:44:18; Dark ; 42.5; 141; Bet Ara ; 2.84; 4600;occ; 85; 0;32571
 22; 7015.0; 23-MAY-2008 13:47:04; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;32571
 23; 7125.8; 23-MAY-2008 13:48:55; Dark ; 47.5; 25; 35Lam Sco ; 1.62; 28000;occ; 95; 0;32571


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25; 7418.6; 23-MAY-2008 13:53:48; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32571
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3; 1735.1; 23-MAY-2008 13:59:40; Bright; 37.0; 104; 27Bet Lib ; 2.61; 13100;occ; 74; 0;32572
4; 1840.3; 23-MAY-2008 14:01:26; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32572
5; 2024.4; 23-MAY-2008 14:04:30; Bright; 39.5; 102; 24Alp Ser ; 2.60; 4250;occ; 79; 0;32572
6; 2370.3; 23-MAY-2008 14:10:16; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;32572
7; 2560.1; 23-MAY-2008 14:13:25; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;32572
8; 3044.2; 23-MAY-2008 14:21:29; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32572
9; 3172.2; 23-MAY-2008 14:23:38; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32572
10; 3446.8; 23-MAY-2008 14:28:12; Bright; 33.0; 49; 1Alp UMi ; 1.99; 6300;occ; 66; 0;32572
11; 3937.0; 23-MAY-2008 14:36:22; Bright; 39.5; 76; 27Gam Cas ; 2.30; 30000;occ; 79; 0;32572
12; 4009.0; 23-MAY-2008 14:37:34; Bright; 48.0; 68; 18Alp Cas ; 2.22; 4500;occ; 96; 0;32572
13; 4381.8; 23-MAY-2008 14:43:47; Bright; 38.0; 53; 43Bet And ; 2.05; 3300;occ; 76; 0;32572
14; 4534.2; 23-MAY-2008 14:46:19; Dark ; 49.5; 58; 21Alp And ; 2.07; 11000;occ; 99; 0;32572
15; 4802.2; 23-MAY-2008 14:50:47; Dark ; 45.0; 140; 88Gam Peg ; 2.83; 26000;occ; 90; 0;32572
16; 5331.4; 23-MAY-2008 14:59:37; Dark ; 44.5; 52; 16Bet Cet ; 2.04; 4500;occ; 89; 0;32572
17; 5738.0; 23-MAY-2008 15:06:23; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;32572
18; 5854.8; 23-MAY-2008 15:08:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32572
19; 6020.3; 23-MAY-2008 15:11:06; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32572
20; 6121.7; 23-MAY-2008 15:12:47; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32572
21; 6443.5; 23-MAY-2008 15:18:09; Dark ; 43.0; 45; Alp Pav ; 1.94; 26000;occ; 86; 0;32572
22; 6848.8; 23-MAY-2008 15:24:54; Dark ; 38.5; 141; Bet Ara ; 2.84; 4600;occ; 77; 0;32572
23; 7015.7; 23-MAY-2008 15:27:41; Dark ; 48.0; 40; The Sco ; 1.86; 7100;occ; 96; 0;32572
24; 7126.3; 23-MAY-2008 15:29:32; Dark ; 48.0; 25; 35Lam Sco ; 1.62; 28000;occ; 96; 0;32572
25; 7248.0; 23-MAY-2008 15:31:33; Dark ; 48.5; 75; 26Eps Sco ; 2.29; 4250;occ; 97; 0;32572
26; 7418.8; 23-MAY-2008 15:34:24; Dark ; 32.5; 16; 21Alp Sco ; 1.02; 3000;occ; 65; 0;32572
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3; 1632.0; 23-MAY-2008 15:38:33; Bright; 36.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 73; 0;32573
4; 1735.2; 23-MAY-2008 15:40:16; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;32573
5; 1840.1; 23-MAY-2008 15:42:01; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32573
6; 2024.2; 23-MAY-2008 15:45:05; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32573
7; 2370.1; 23-MAY-2008 15:50:51; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32573
8; 2560.1; 23-MAY-2008 15:54:01; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;32573
9; 3043.8; 23-MAY-2008 16:02:05; Bright; 40.5; 119; 14Eta Dra ; 2.73; 4700;occ; 81; 0;32573
10; 3172.1; 23-MAY-2008 16:04:13; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32573
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12; 3937.0; 23-MAY-2008 16:16:58; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32573
13; 4009.1; 23-MAY-2008 16:18:10; Bright; 35.0; 68; 18Alp Cas ; 2.22; 4500;occ; 70; 0;32573
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19; 5855.5; 23-MAY-2008 16:48:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32573
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21; 6122.7; 23-MAY-2008 16:53:24; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32573
22; 6444.3; 23-MAY-2008 16:58:46; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32573
23; 6849.3; 23-MAY-2008 17:05:31; Dark ; 47.0; 141; Bet Ara ; 2.84; 4600;occ; 94; 0;32573
24; 7016.3; 23-MAY-2008 17:08:18; Dark ; 48.5; 40; The Sco ; 1.86; 7100;occ; 97; 0;32573
25; 7127.0; 23-MAY-2008 17:10:08; Dark ; 51.5; 25; 35Lam Sco ; 1.62; 28000;occ; 103; 0;32573
26; 7248.4; 23-MAY-2008 17:12:10; Dark ; 9.5; 75; 26Eps Sco ; 2.29; 4250;occ; 19; 0;32573
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3; 1383.1; 23-MAY-2008 17:15:00; Dark ; 60.0; 16; 21Alp Sco ; 1.02; 3000;occ; 120; 0;32574
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6; 1735.2; 23-MAY-2008 17:20:53; Bright; 37.5; 104; 27Bet Lib ; 2.61; 13100;occ; 75; 0;32574
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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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12; 3043.1; 23-MAY-2008 19:23:16; Bright; 38.5; 119; 14Eta Dra ; 2.73; 4700;occ; 77; 0;32575
13; 3172.0; 23-MAY-2008 19:25:25; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;32575
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19; 4803.2; 23-MAY-2008 19:52:36; Dark ; 44.0; 140; 88Gam Peg ; 2.83; 26000;occ; 88; 0;32575
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26; 6850.0; 23-MAY-2008 20:26:43; Dark ; 39.0; 141; Bet Ara ; 2.84; 4600;occ; 78; 0;32575
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13; 4383.7; 24-MAY-2008 17:33:24; Bright; 37.5; 53; 43Bet And ; 2.05; 3300;occ; 75; 0;32588
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19; 6135.6; 24-MAY-2008 18:02:36; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;32588
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22; 7024.2; 24-MAY-2008 18:17:24; Dark ; 49.5; 40; The Sco ; 1.86; 7100;occ; 99; 0;32588
23; 7134.6; 24-MAY-2008 18:19:15; Dark ; 39.5; 25; 35Lam Sco ; 1.62; 28000;occ; 79; 0;32588

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6; 1838.7; 24-MAY-2008 18:31:35; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32589
7; 2022.0; 24-MAY-2008 18:34:38; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;32589
8; 2369.3; 24-MAY-2008 18:40:26; Bright; 39.5; 83; ; 2.38; 11000;occ; 79; 0;32589
9; 3037.6; 24-MAY-2008 18:51:34; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32589
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18; 5864.4; 24-MAY-2008 19:38:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32589
19; 6033.2; 24-MAY-2008 19:41:29; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;32589
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21; 6455.4; 24-MAY-2008 19:48:32; Dark ; 41.5; 45; Alp Pav ; 1.94; 26000;occ; 83; 0;32589
22; 6856.0; 24-MAY-2008 19:55:12; Dark ; 40.5; 141; Bet Ara ; 2.84; 4600;occ; 81; 0;32589
23; 7024.6; 24-MAY-2008 19:58:01; Dark ; 26.5; 40; The Sco ; 1.86; 7100;occ; 53; 0;32589

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3; -0.5; 25-MAY-2008 00:43:19; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;32592
4; 103.0; 25-MAY-2008 00:45:03; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;32593
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6; 821.3; 25-MAY-2008 00:57:01; Dark ; 44.5; 141; Bet Ara ; 2.84; 4600;occ; 89; 0;32593
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9; 1219.2; 25-MAY-2008 01:03:39; Dark ; 47.0; 75; 26Eps Sco ; 2.29; 4250;occ; 94; 0;32593
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13; 1838.2; 25-MAY-2008 01:13:58; Bright; 43.0; 120; 1Del Oph ; 2.73; 3200;occ; 86; 0;32593
14; 2021.4; 25-MAY-2008 01:17:01; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32593
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18; 3683.1; 25-MAY-2008 01:44:43; Bright; 45.5; 89; 5Alp Cep ; 2.45; 8000;occ; 91; 0;32593
19; 3935.9; 25-MAY-2008 01:48:56; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;32593
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21; 4384.1; 25-MAY-2008 01:56:24; Bright; 39.0; 53; 43Bet And ; 2.05; 3300;occ; 78; 0;32593
22; 4537.8; 25-MAY-2008 01:58:58; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32593
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13; 1838.2; 25-MAY-2008 02:54:34; Bright; 43.5; 120; 1Del Oph ; 2.73; 3200;occ; 87; 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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4; -1497.9; 25-MAY-2008 03:39:34; Dark ; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;32594
5; -1225.5; 25-MAY-2008 03:44:06; Dark ; 45.5; 140; 88Gam Peg ; 2.83; 26000;occ; 91; 0;32594
6; -694.6; 25-MAY-2008 03:52:57; Dark ; 45.5; 52; 16Bet Cet ; 2.04; 4500;occ; 91; 0;32594
7; -168.8; 25-MAY-2008 04:01:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;32594
8; 1.2; 25-MAY-2008 04:04:33; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;32595
9; 104.9; 25-MAY-2008 04:06:17; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;32595
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11; 822.3; 25-MAY-2008 04:18:14; Dark ; 39.5; 141; Bet Ara ; 2.84; 4600;occ; 79; 0;32595
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14; 1220.0; 25-MAY-2008 04:24:52; Dark ; 46.0; 75; 26Eps Sco ; 2.29; 4250;occ; 92; 0;32595
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21; 3035.6; 25-MAY-2008 04:55:07; Bright; 40.0; 119; 14Eta Dra ; 2.73; 4700;occ; 80; 0;32595
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3; 1223.4; 25-MAY-2008 21:10:55; Dark ; 49.0; 75; 26Eps Sco ; 2.29; 4250;occ; 98; 0;32605
4; 1351.5; 25-MAY-2008 21:13:03; Dark ; 43.5; 136; 23Tau Sco ; 2.82; 30000;occ; 87; 0;32605
5; 1531.0; 25-MAY-2008 21:16:02; Bright; 40.5; 97; 8Bet1Sco ; 2.56; 30000;occ; 81; 0;32605
6; 1738.0; 25-MAY-2008 21:19:29; Bright; 36.5; 104; 27Bet Lib ; 2.61; 13100;occ; 73; 0;32605
7; 1837.4; 25-MAY-2008 21:21:09; Bright; 42.5; 120; 1Del Oph ; 2.73; 3200;occ; 85; 0;32605
8; 2020.3; 25-MAY-2008 21:24:11; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32605
9; 2369.1; 25-MAY-2008 21:30:00; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;32605
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13; 3935.3; 25-MAY-2008 21:56:06; Bright; 54.0; 76; 27Gam Cas ; 2.30; 30000;occ; 108; 0;32605
14; 4006.9; 25-MAY-2008 21:57:18; Bright; 56.0; 68; 18Alp Cas ; 2.22; 4500;occ; 112; 0;32605
15; 4385.4; 25-MAY-2008 22:03:37; Bright; 38.5; 53; 43Bet And ; 2.05; 3300;occ; 77; 0;32605
16; 4539.9; 25-MAY-2008 22:06:11; Dark ; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 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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14; 2020.1; 25-MAY-2008 23:04:47; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32606
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5;	3034.0;	25-MAY-2008	11:37:29;	Bright;		38.5;	119;	14Eta Dra	;	2.73;	4700;occ;	77;	0;	32599
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7;	3680.0;	25-MAY-2008	11:48:15;	Bright;		46.5;	89;	5Alp Cep	;	2.45;	8000;occ;	93;	0;	32599
8;	3935.6;	25-MAY-2008	11:52:31;	Bright;		36.0;	76;	27Gam Cas	;	2.30;	30000;occ;	72;	0;	32599
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5; -1218.9; 26-MAY-2008 06:33:48; Dark ; 48.5; 140; 88Gam Peg ; 2.83; 26000;occ; 97; 0;32610

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 9; 118.9; 26-MAY-2008 06:56:06; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;32611
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 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
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 11; 4541.2; 26-MAY-2008 08:09:48; Dark ; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;32611
 12; 4817.4; 26-MAY-2008 08:14:24; Dark ; 48.0; 140; 88Gam Peg ; 2.83; 26000;occ; 96; 0;32611
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 16; 6155.7; 26-MAY-2008 08:36:42; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;32611
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 4; 2017.9; 27-MAY-2008 16:59:43; Bright; 38.0; 102; 24Alp Ser ; 2.60; 4250;occ; 76; 0;32631

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7; 3023.1; 27-MAY-2008 17:16:28; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32631
8; 3168.6; 27-MAY-2008 17:18:54; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;32631
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10; 3933.9; 27-MAY-2008 17:31:39; Bright; 34.5; 76; 27Gam Cas ; 2.30; 30000;occ; 69; 0;32631
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7; 3023.7; 27-MAY-2008 13:55:17; Bright; 39.5; 119; 14Eta Dra ; 2.73; 4700;occ; 79; 0;32629
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22; 7268.1; 27-MAY-2008 15:06:01; Dark ; 47.5; 75; 26Eps Sco ; 2.29; 4250;occ; 95; 0;32629
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3; 2018.0; 27-MAY-2008 15:19:07; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;32630
4; 2378.4; 27-MAY-2008 15:25:07; Bright; 37.5; 67; 5Alp CrB ; 2.22; 11000;occ; 75; 0;32630
5; 2561.5; 27-MAY-2008 15:28:11; Bright; 45.0; 133; 40Zet Her ; 2.81; 6000;occ; 90; 0;32630
6; 3023.3; 27-MAY-2008 15:35:52; Bright; 46.0; 119; 14Eta Dra ; 2.73; 4700;occ; 92; 0;32630
7; 3168.6; 27-MAY-2008 15:38:18; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;32630
8; 3663.0; 27-MAY-2008 15:46:32; Bright; 68.0; 89; 5Alp Cep ; 2.45; 8000;occ; 136; 0;32630
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5; 1701.4; 27-MAY-2008 18:35:03; Bright; 43.0; 98; 13Zet Oph ; 2.57; 30000;occ; 86; 0;32632

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 19; 6883.4; 29-MAY-2008 10:35:11; Dark ; 40.0; 141; Bet Ara ; 2.84; 4600;occ; 80; 0;32655
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 3; 2016.3; 29-MAY-2008 10:54:40; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;32656
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9; 1133.3; 29-MAY-2008 22:24:08; Dark ; 46.5; 25; 35Lam Sco ; 1.62; 28000;occ; 93; 0;32663
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4; 1834.9; 29-MAY-2008 14:12:50; Bright; 41.0; 120; 1Del Oph ; 2.73; 3200;occ; 82; 0;32658
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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8; 3014.3; 29-MAY-2008 14:32:29; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;32658
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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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