

GOMOS Daily Report 09-AUG-2009

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 | 12AUG2009 05:01:03 |
| Data source version | GOMOS/5.00 |
| Start time of products | 09AUG2009 00:03:01 |
| Stop time of products | 09AUG2009 23:56:38 |
| Store outputs in DB | Yes |
| Nb of level 1b prods | 147 |
| Nb of prods with errors | 1 |

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

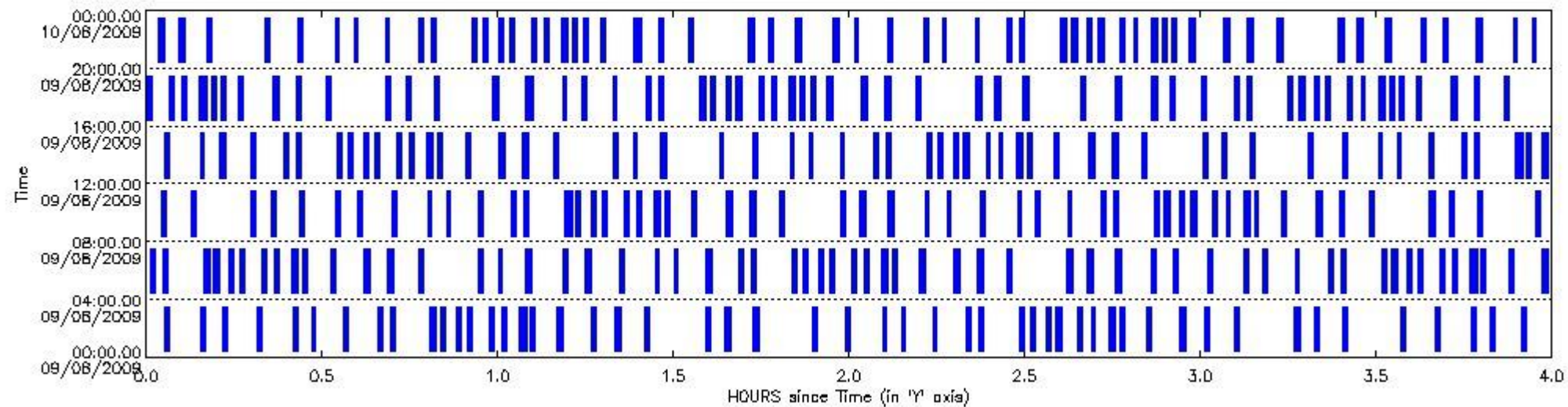
2.1 Level 0 products arrived in PCF (see template [here](#))

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)

No missing products.

2.4 Summary of processed GOM_TRA_1P products

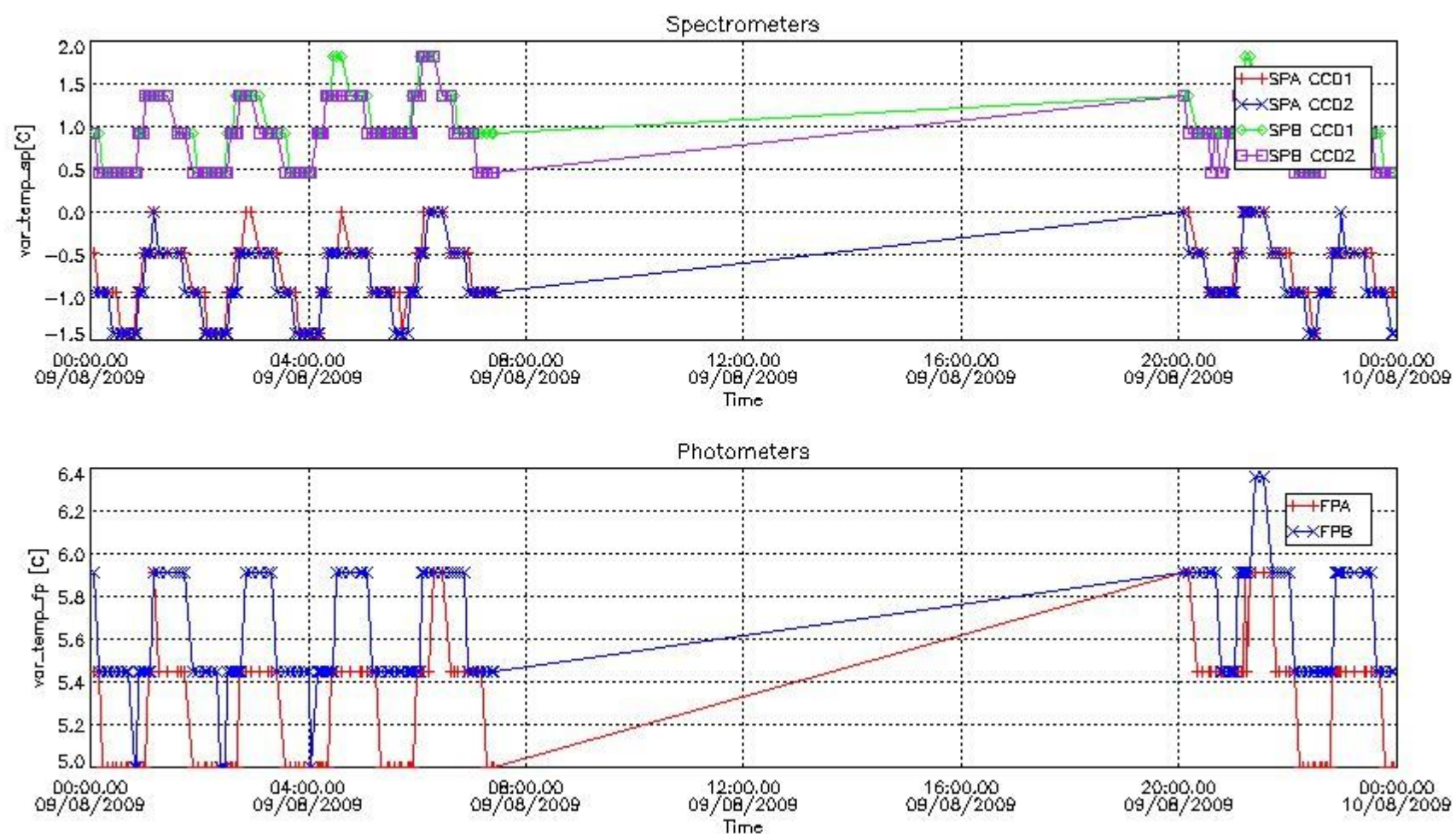
| Nr | Filename | UTC Start time | Limb | Duration | Star Id | Star Name | Star Mag | Star Temp | Nb Meas | Orbit | Prod. error |
|----|--|----------------------|--------------------|----------|---------|-----------|----------|-----------|---------|-------|-------------|
| 1 | GOM_TRA_1PNPDE20090809_000301_000000572081_00274_38905_3249.N1 | 09-AUG-2009 00:03:01 | Twilight_and_stray | 57.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 114 | 38905 | No |
| 2 | GOM_TRA_1PNPDE20090809_000919_000000472081_00274_38905_3250.N1 | 09-AUG-2009 00:09:19 | Bright | 46.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 93 | 38905 | No |
| 3 | GOM_TRA_1PNPDE20090809_001304_000000442081_00274_38905_3251.N1 | 09-AUG-2009 00:13:04 | Bright | 43.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 87 | 38905 | No |
| 4 | GOM_TRA_1PNPDE20090809_001854_000000522081_00274_38905_3252.N1 | 09-AUG-2009 00:18:54 | Bright | 51.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 103 | 38905 | No |
| 5 | GOM_TRA_1PNPDE20090809_002509_000000412081_00274_38905_3253.N1 | 09-AUG-2009 00:25:09 | Bright | 41.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 82 | 38905 | No |
| 6 | GOM_TRA_1PNPDE20090809_002819_000000382081_00274_38905_3254.N1 | 09-AUG-2009 00:28:19 | Bright | 38.000 | 19 | 50Alp Cyg | 1.2460 | 10500.0 | 76 | 38905 | No |
| 7 | GOM_TRA_1PNPDE20090809_003345_000000382081_00274_38905_3255.N1 | 09-AUG-2009 00:33:45 | Bright | 38.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 76 | 38905 | No |
| 8 | GOM_TRA_1PNPDE20090809_003924_000000512081_00274_38905_3256.N1 | 09-AUG-2009 00:39:24 | Bright | 50.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 101 | 38905 | No |
| 9 | GOM_TRA_1PNPDE20090809_004133_000000492081_00274_38905_3257.N1 | 09-AUG-2009 00:41:33 | Bright | 49.000 | 76 | 27Gam Cas | 2.3000 | 30000.0 | 98 | 38905 | No |
| 10 | GOM_TRA_1PNPDE20090809_004829_000000502081_00274_38905_3258.N1 | 09-AUG-2009 00:48:29 | Bright | 50.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 100 | 38905 | No |
| 11 | GOM_TRA_1PNPDE20090809_005019_000000512081_00274_38905_3259.N1 | 09-AUG-2009 00:50:19 | Bright | 51.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 102 | 38905 | No |
| 12 | GOM_TRA_1PNPDE20090809_005258_000000462081_00274_38905_3260.N1 | 09-AUG-2009 00:52:58 | Bright | 46.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 92 | 38905 | No |

| | | | | | | | | | | | |
|----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|-----|
| 13 | GOM_TRA_1PNPDE20090809_005446_000000522081_00274_38905_3261.N1 | 09-AUG-2009 00:54:46 | Bright | 51.500 | 149 | 45Eps Per | 2.8880 | 30000. | 103 | 38905 | No |
| 14 | GOM_TRA_1PNPDE20090809_005832_000000472081_00274_38905_3262.N1 | 09-AUG-2009 00:58:32 | Tw_i_and_stray | 46.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 93 | 38905 | No |
| 15 | GOM_TRA_1PNPDE20090809_010044_000000432081_00274_38905_3263.N1 | 09-AUG-2009 01:00:44 | Tw_i_and_stray | 43.000 | 176 | 23Zet Tau | 3.0200 | 22000. | 86 | 38905 | No |
| 16 | GOM_TRA_1PNPDE20090809_010339_000000732081_00274_38905_3264.N1 | 09-AUG-2009 01:03:39 | Dark | 73.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 146 | 38905 | No |
| 17 | GOM_TRA_1PNPDE20090809_010533_000000492081_00274_38905_3265.N1 | 09-AUG-2009 01:05:33 | Dark | 48.500 | 27 | 24Gam Ori | 1.6360 | 26000. | 97 | 38905 | No |
| 18 | GOM_TRA_1PNPDE20090809_011010_000000602081_00274_38905_3377.N1 | 09-AUG-2009 01:10:10 | Dark | 59.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 119 | 38905 | Yes |
| 19 | GOM_TRA_1PNPDE20090809_011553_000000602081_00274_38905_3378.N1 | 09-AUG-2009 01:15:53 | Dark | 59.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 119 | 38905 | No |
| 20 | GOM_TRA_1PNPDE20090809_012509_000000492081_00275_38906_3379.N1 | 09-AUG-2009 01:25:09 | Dark | 49.000 | 157 | The1Eri | 2.9060 | 9300.0 | 98 | 38906 | No |
| 21 | GOM_TRA_1PNPDE20090809_013524_000000632081_00275_38906_3380.N1 | 09-AUG-2009 01:35:24 | Straylight | 63.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 126 | 38906 | No |
| 22 | GOM_TRA_1PNPDE20090809_013849_000000522081_00275_38906_3381.N1 | 09-AUG-2009 01:38:49 | Straylight | 52.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 104 | 38906 | No |
| 23 | GOM_TRA_1PNPDE20090809_014338_000000602081_00275_38906_3382.N1 | 09-AUG-2009 01:43:38 | Tw_i_and_stray | 60.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 120 | 38906 | No |
| 24 | GOM_TRA_1PNPDE20090809_015340_000000472081_00275_38906_3383.N1 | 09-AUG-2009 01:53:40 | Bright | 46.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 93 | 38906 | No |
| 25 | GOM_TRA_1PNPDE20090809_015929_000000492081_00275_38906_3384.N1 | 09-AUG-2009 01:59:29 | Bright | 49.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 98 | 38906 | No |
| 26 | GOM_TRA_1PNPDE20090809_020544_000000392081_00275_38906_3385.N1 | 09-AUG-2009 02:05:44 | Bright | 39.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 78 | 38906 | No |
| 27 | GOM_TRA_1PNPDE20090809_020855_000000382081_00275_38906_3386.N1 | 09-AUG-2009 02:08:55 | Bright | 38.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 76 | 38906 | No |
| 28 | GOM_TRA_1PNPDE20090809_021421_000000372081_00275_38906_3387.N1 | 09-AUG-2009 02:14:21 | Bright | 36.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 73 | 38906 | No |
| 29 | GOM_TRA_1PNPDE20090809_022000_000000502081_00275_38906_3388.N1 | 09-AUG-2009 02:20:00 | Bright | 50.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 100 | 38906 | No |
| 30 | GOM_TRA_1PNPDE20090809_022208_000000472081_00275_38906_3389.N1 | 09-AUG-2009 02:22:08 | Bright | 47.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 94 | 38906 | No |
| 31 | GOM_TRA_1PNPDE20090809_022905_000000512081_00275_38906_3522.N1 | 09-AUG-2009 02:29:05 | Bright | 50.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 101 | 38906 | No |
| 32 | GOM_TRA_1PNPDE20090809_023055_000000542081_00275_38906_3523.N1 | 09-AUG-2009 02:30:55 | Bright | 54.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 108 | 38906 | No |
| 33 | GOM_TRA_1PNPDE20090809_023334_000000582081_00275_38906_3524.N1 | 09-AUG-2009 02:33:34 | Bright | 58.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 116 | 38906 | No |
| 34 | GOM_TRA_1PNPDE20090809_023522_000000532081_00275_38906_3525.N1 | 09-AUG-2009 02:35:22 | Bright | 52.500 | 149 | 45Eps Per | 2.8880 | 30000. | 105 | 38906 | No |
| 35 | GOM_TRA_1PNPDE20090809_023908_000000482081_00275_38906_3526.N1 | 09-AUG-2009 02:39:08 | Tw_i_and_stray | 48.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 96 | 38906 | No |
| 36 | GOM_TRA_1PNPDE20090809_024120_000000442081_00275_38906_3527.N1 | 09-AUG-2009 02:41:20 | Tw_i_and_stray | 43.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 87 | 38906 | No |
| 37 | GOM_TRA_1PNPDE20090809_024416_000000712081_00275_38906_3528.N1 | 09-AUG-2009 02:44:16 | Dark | 70.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 141 | 38906 | No |
| 38 | GOM_TRA_1PNPDE20090809_024609_000000502081_00275_38906_3529.N1 | 09-AUG-2009 02:46:09 | Dark | 50.000 | 27 | 24Gam Ori | 1.6360 | 26000. | 100 | 38906 | No |
| 39 | GOM_TRA_1PNPDE20090809_025047_000000512081_00275_38906_3530.N1 | 09-AUG-2009 02:50:47 | Dark | 50.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 101 | 38906 | No |
| 40 | GOM_TRA_1PNPDE20090809_025630_000000642081_00275_38906_3531.N1 | 09-AUG-2009 02:56:30 | Dark | 63.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 127 | 38906 | No |
| 41 | GOM_TRA_1PNPDE20090809_030545_000000502081_00276_38907_3532.N1 | 09-AUG-2009 03:05:45 | Dark | 49.500 | 157 | The1Eri | 2.9060 | 9300.0 | 99 | 38907 | No |
| 42 | GOM_TRA_1PNPDE20090809_031601_000000602081_00276_38907_3533.N1 | 09-AUG-2009 03:16:01 | Straylight | 59.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 119 | 38907 | No |
| 43 | GOM_TRA_1PNPDE20090809_031926_000000462081_00276_38907_3534.N1 | 09-AUG-2009 03:19:26 | Straylight | 46.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 92 | 38907 | No |
| 44 | GOM_TRA_1PNPDE20090809_032414_000000582081_00276_38907_3535.N1 | 09-AUG-2009 03:24:14 | Tw_i_and_stray | 57.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 115 | 38907 | No |
| 45 | GOM_TRA_1PNPDE20090809_033416_000000462081_00276_38907_3536.N1 | 09-AUG-2009 03:34:16 | Bright | 46.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 92 | 38907 | No |
| 46 | GOM_TRA_1PNPDE20090809_034005_000000532081_00276_38907_3537.N1 | 09-AUG-2009 03:40:05 | Bright | 52.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 105 | 38907 | No |
| 47 | GOM_TRA_1PNPDE20090809_034619_000000412081_00276_38907_3538.N1 | 09-AUG-2009 03:46:19 | Bright | 41.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 82 | 38907 | No |
| 48 | GOM_TRA_1PNPDE20090809_034931_000000402081_00276_38907_3539.N1 | 09-AUG-2009 03:49:31 | Bright | 39.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 79 | 38907 | No |
| 49 | GOM_TRA_1PNPDE20090809_035456_000000382081_00276_38907_3540.N1 | 09-AUG-2009 03:54:56 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 38907 | No |
| 50 | GOM_TRA_1PNPDE20090809_040035_000000492081_00276_38907_3541.N1 | 09-AUG-2009 04:00:35 | Bright | 49.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 98 | 38907 | No |
| 51 | GOM_TRA_1PNPDE20090809_040244_000000482081_00276_38907_3542.N1 | 09-AUG-2009 04:02:44 | Bright | 47.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 95 | 38907 | No |
| 52 | GOM_TRA_1PNPDE20090809_040940_000000652081_00276_38907_3668.N1 | 09-AUG-2009 04:09:40 | Bright | 65.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 130 | 38907 | No |
| 53 | GOM_TRA_1PNPDE20090809_041130_000000572081_00276_38907_3669.N1 | 09-AUG-2009 04:11:30 | Bright | 57.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 114 | 38907 | No |
| 54 | GOM_TRA_1PNPDE20090809_041409_000000472081_00276_38907_3670.N1 | 09-AUG-2009 04:14:09 | Bright | 46.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 93 | 38907 | No |
| 55 | GOM_TRA_1PNPDE20090809_041558_000000522081_00276_38907_3671.N1 | 09-AUG-2009 04:15:58 | Bright | 52.000 | 149 | 45Eps Per | 2.8880 | 30000. | 104 | 38907 | No |
| 56 | GOM_TRA_1PNPDE20090809_041944_000000462081_00276_38907_3672.N1 | 09-AUG-2009 04:19:44 | Tw_i_and_stray | 46.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 92 | 38907 | No |
| 57 | GOM_TRA_1PNPDE20090809_042157_000000412081_00276_38907_3673.N1 | 09-AUG-2009 04:21:57 | Tw_i_and_stray | 41.000 | 176 | 23Zet Tau | 3.0200 | 22000. | 82 | 38907 | No |
| 58 | GOM_TRA_1PNPDE20090809_042452_000000652081_00276_38907_3674.N1 | 09-AUG-2009 04:24:52 | Dark | 64.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 129 | 38907 | No |
| 59 | GOM_TRA_1PNPDE20090809_042645_000000462081_00276_38907_3675.N1 | 09-AUG-2009 04:26:45 | Dark | 45.500 | 27 | 24Gam Ori | 1.6360 | 26000. | 91 | 38907 | No |
| 60 | GOM_TRA_1PNPDE20090809_043124_000000572081_00276_38907_3676.N1 | 09-AUG-2009 04:31:24 | Dark | 56.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 113 | 38907 | No |
| 61 | GOM_TRA_1PNPDE20090809_043707_000000652081_00276_38907_3677.N1 | 09-AUG-2009 04:37:07 | Dark | 65.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 130 | 38907 | No |
| 62 | GOM_TRA_1PNPDE20090809_044622_000000502081_00277_38908_3678.N1 | 09-AUG-2009 04:46:22 | Dark | 50.000 | 157 | The1Eri | 2.9060 | 9300.0 | 100 | 38908 | No |
| 63 | GOM_TRA_1PNPDE20090809_045637_000000572081_00277_38908_3679.N1 | 09-AUG-2009 04:56:37 | Straylight | 56.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 113 | 38908 | No |
| 64 | GOM_TRA_1PNPDE20090809_050002_000000482081_00277_38908_3680.N1 | 09-AUG-2009 05:00:02 | Straylight | 48.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 96 | 38908 | No |
| 65 | GOM_TRA_1PNPDE20090809_050451_000000572081_00277_38908_3681.N1 | 09-AUG-2009 05:04:51 | Tw_i_and_stray | 57.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 114 | 38908 | No |
| 66 | GOM_TRA_1PNPDE20090809_051107_000000482081_00277_38908_3682.N1 | 09-AUG-2009 05:11:07 | Bright | 48.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 96 | 38908 | No |
| 67 | GOM_TRA_1PNPDE20090809_051452_000000652081_00277_38908_3683.N1 | 09-AUG-2009 05:14:52 | Bright | 65.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 130 | 38908 | No |
| 68 | GOM_TRA_1PNPDE20090809_052040_000000492081_00277_38908_3684.N1 | 09-AUG-2009 05:20:40 | Bright | 48.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 97 | 38908 | No |
| 69 | GOM_TRA_1PNPDE20090809_052655_000000412081_00277_38908_3685.N1 | 09-AUG-2009 05:26:55 | Bright | 41.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 82 | 38908 | No |
| 70 | GOM_TRA_1PNPDE20090809_053006_000000412081_00277_38908_3686.N1 | 09-AUG-2009 05:30:06 | Bright | 40.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 81 | 38908 | No |
| 71 | GOM_TRA_1PNPDE20090809_053532_000000572081_00277_38908_3687.N1 | 09-AUG-2009 05:35:32 | Bright | 57.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 114 | 38908 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 72 | GOM_TRA_1PNPDE20090809_054110_000000502081_00277_38908_3688.N1 | 09-AUG-2009 05:41:10 | Bright | 50.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 100 | 38908 | No |
| 73 | GOM_TRA_1PNPDE20090809_054319_000000502081_00277_38908_3689.N1 | 09-AUG-2009 05:43:19 | Bright | 50.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 100 | 38908 | No |
| 74 | GOM_TRA_1PNPDE20090809_055016_000000522081_00277_38908_3854.N1 | 09-AUG-2009 05:50:16 | Bright | 51.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 103 | 38908 | No |
| 75 | GOM_TRA_1PNPDE20090809_055206_000000522081_00277_38908_3855.N1 | 09-AUG-2009 05:52:06 | Bright | 51.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 103 | 38908 | No |
| 76 | GOM_TRA_1PNPDE20090809_055445_000000492081_00277_38908_3856.N1 | 09-AUG-2009 05:54:45 | Bright | 48.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 97 | 38908 | No |
| 77 | GOM_TRA_1PNPDE20090809_055633_000000552081_00277_38908_3857.N1 | 09-AUG-2009 05:56:33 | Bright | 54.500 | 149 | 45Eps Per | 2.8880 | 30000. | 109 | 38908 | No |
| 78 | GOM_TRA_1PNPDE20090809_060021_000000502081_00277_38908_3858.N1 | 09-AUG-2009 06:00:21 | Twilight | 50.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 100 | 38908 | No |
| 79 | GOM_TRA_1PNPDE20090809_060233_000000432081_00277_38908_3859.N1 | 09-AUG-2009 06:02:33 | Twilight | 42.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 85 | 38908 | No |
| 80 | GOM_TRA_1PNPDE20090809_060529_000000682081_00277_38908_3860.N1 | 09-AUG-2009 06:05:29 | Dark | 67.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 135 | 38908 | No |
| 81 | GOM_TRA_1PNPDE20090809_060722_000000492081_00277_38908_3861.N1 | 09-AUG-2009 06:07:22 | Dark | 48.500 | 27 | 24Gam Ori | 1.6360 | 26000. | 97 | 38908 | No |
| 82 | GOM_TRA_1PNPDE20090809_061200_000000552081_00277_38908_3862.N1 | 09-AUG-2009 06:12:00 | Dark | 54.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 109 | 38908 | No |
| 83 | GOM_TRA_1PNPDE20090809_061744_000000642081_00277_38908_3863.N1 | 09-AUG-2009 06:17:44 | Dark | 63.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 127 | 38908 | No |
| 84 | GOM_TRA_1PNPDE20090809_062700_000000492081_00278_38909_3864.N1 | 09-AUG-2009 06:27:00 | Dark | 48.500 | 157 | The1Eri | 2.9060 | 9300.0 | 97 | 38909 | No |
| 85 | GOM_TRA_1PNPDE20090809_063715_000000532081_00278_38909_3865.N1 | 09-AUG-2009 06:37:15 | Straylight | 52.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 105 | 38909 | No |
| 86 | GOM_TRA_1PNPDE20090809_064039_000000562081_00278_38909_3866.N1 | 09-AUG-2009 06:40:39 | Straylight | 56.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 112 | 38909 | No |
| 87 | GOM_TRA_1PNPDE20090809_064527_000000582081_00278_38909_3867.N1 | 09-AUG-2009 06:45:27 | Twilight | 57.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 115 | 38909 | No |
| 88 | GOM_TRA_1PNPDE20090809_065143_000000472081_00278_38909_3868.N1 | 09-AUG-2009 06:51:43 | Bright | 47.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 94 | 38909 | No |
| 89 | GOM_TRA_1PNPDE20090809_065528_000000462081_00278_38909_3869.N1 | 09-AUG-2009 06:55:28 | Bright | 45.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 91 | 38909 | No |
| 90 | GOM_TRA_1PNPDE20090809_070116_000000522081_00278_38909_3870.N1 | 09-AUG-2009 07:01:16 | Bright | 51.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 103 | 38909 | No |
| 91 | GOM_TRA_1PNPDE20090809_070731_000000412081_00278_38909_3871.N1 | 09-AUG-2009 07:07:31 | Bright | 41.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 82 | 38909 | No |
| 92 | GOM_TRA_1PNPDE20090809_071042_000000392081_00278_38909_3872.N1 | 09-AUG-2009 07:10:42 | Bright | 39.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 78 | 38909 | No |
| 93 | GOM_TRA_1PNPDE20090809_071608_000000392081_00278_38909_3873.N1 | 09-AUG-2009 07:16:08 | Bright | 38.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 77 | 38909 | No |
| 94 | GOM_TRA_1PNPDE20090809_072145_000000512081_00278_38909_3874.N1 | 09-AUG-2009 07:21:45 | Bright | 51.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 102 | 38909 | No |
| 95 | GOM_TRA_1PNPDE20090809_072354_000000512081_00278_38909_3875.N1 | 09-AUG-2009 07:23:54 | Bright | 50.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 101 | 38909 | No |
| 96 | GOM_TRA_1PNPDE20090809_200530_000000582081_00286_38917_4222.N1 | 09-AUG-2009 20:05:30 | Straylight | 57.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 115 | 38917 | No |
| 97 | GOM_TRA_1PNPDE20090809_201019_000000572081_00286_38917_4223.N1 | 09-AUG-2009 20:10:19 | Twilight | 57.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 114 | 38917 | No |
| 98 | GOM_TRA_1PNPDE20090809_202014_000000462081_00286_38917_4224.N1 | 09-AUG-2009 20:20:14 | Bright | 45.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 91 | 38917 | No |
| 99 | GOM_TRA_1PNPDE20090809_202559_000000482081_00286_38917_4225.N1 | 09-AUG-2009 20:25:59 | Bright | 48.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 96 | 38917 | No |
| 100 | GOM_TRA_1PNPDE20090809_203215_000000402081_00286_38917_4226.N1 | 09-AUG-2009 20:32:15 | Bright | 39.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 79 | 38917 | No |
| 101 | GOM_TRA_1PNPDE20090809_203527_000000402081_00286_38917_4227.N1 | 09-AUG-2009 20:35:27 | Bright | 40.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 80 | 38917 | No |
| 102 | GOM_TRA_1PNPDE20090809_204052_000000402081_00286_38917_4228.N1 | 09-AUG-2009 20:40:52 | Bright | 40.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 80 | 38917 | No |
| 103 | GOM_TRA_1PNPDE20090809_204626_000000502081_00286_38917_4229.N1 | 09-AUG-2009 20:46:26 | Bright | 50.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 100 | 38917 | No |
| 104 | GOM_TRA_1PNPDE20090809_204835_000000482081_00286_38917_4230.N1 | 09-AUG-2009 20:48:35 | Bright | 47.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 95 | 38917 | No |
| 105 | GOM_TRA_1PNPDE20090809_205535_000000512081_00286_38917_4231.N1 | 09-AUG-2009 20:55:35 | Bright | 51.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 102 | 38917 | No |
| 106 | GOM_TRA_1PNPDE20090809_205726_000000562081_00286_38917_4232.N1 | 09-AUG-2009 20:57:26 | Bright | 55.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 111 | 38917 | No |
| 107 | GOM_TRA_1PNPDE20090809_210008_000000462081_00286_38917_4233.N1 | 09-AUG-2009 21:00:08 | Bright | 46.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 92 | 38917 | No |
| 108 | GOM_TRA_1PNPDE20090809_210156_000000532081_00286_38917_4234.N1 | 09-AUG-2009 21:01:56 | Bright | 53.000 | 149 | 45Eps Per | 2.8880 | 30000. | 106 | 38917 | No |
| 109 | GOM_TRA_1PNPDE20090809_210546_000000492081_00286_38917_4235.N1 | 09-AUG-2009 21:05:46 | Twilight | 48.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 97 | 38917 | No |
| 110 | GOM_TRA_1PNPDE20090809_210759_000000432081_00286_38917_4236.N1 | 09-AUG-2009 21:07:59 | Twilight | 43.000 | 176 | 23Zet Tau | 3.0200 | 22000. | 86 | 38917 | No |
| 111 | GOM_TRA_1PNPDE20090809_211057_000000682081_00286_38917_4237.N1 | 09-AUG-2009 21:10:57 | Dark | 67.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 135 | 38917 | No |
| 112 | GOM_TRA_1PNPDE20090809_211249_000000472081_00286_38917_4238.N1 | 09-AUG-2009 21:12:49 | Dark | 47.000 | 27 | 24Gam Ori | 1.6360 | 26000. | 94 | 38917 | No |
| 113 | GOM_TRA_1PNPDE20090809_211436_000000452081_00286_38917_4239.N1 | 09-AUG-2009 21:14:36 | Dark | 45.000 | 72 | 34Del Ori | 2.2500 | 30000. | 90 | 38917 | No |
| 114 | GOM_TRA_1PNPDE20090809_211729_000000512081_00286_38917_4380.N1 | 09-AUG-2009 21:17:29 | Dark | 50.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 101 | 38917 | No |
| 115 | GOM_TRA_1PNPDE20090809_212320_000000672081_00286_38917_4381.N1 | 09-AUG-2009 21:23:20 | Dark | 66.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 133 | 38917 | No |
| 116 | GOM_TRA_1PNPDE20090809_213233_000000502081_00287_38918_4382.N1 | 09-AUG-2009 21:32:33 | Dark | 49.500 | 157 | The1Eri | 2.9060 | 9300.0 | 99 | 38918 | No |
| 117 | GOM_TRA_1PNPDE20090809_214246_000000642081_00287_38918_4383.N1 | 09-AUG-2009 21:42:46 | Straylight | 63.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 127 | 38918 | No |
| 118 | GOM_TRA_1PNPDE20090809_214607_000000572081_00287_38918_4384.N1 | 09-AUG-2009 21:46:07 | Straylight | 56.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 113 | 38918 | No |
| 119 | GOM_TRA_1PNPDE20090809_215055_000000582081_00287_38918_4385.N1 | 09-AUG-2009 21:50:55 | Twilight | 57.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 115 | 38918 | No |
| 120 | GOM_TRA_1PNPDE20090809_215707_000000642081_00287_38918_4386.N1 | 09-AUG-2009 21:57:07 | Bright | 64.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 128 | 38918 | No |
| 121 | GOM_TRA_1PNPDE20090809_220050_000000452081_00287_38918_4387.N1 | 09-AUG-2009 22:00:50 | Bright | 45.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 90 | 38918 | No |
| 122 | GOM_TRA_1PNPDE20090809_220634_000000482081_00287_38918_4388.N1 | 09-AUG-2009 22:06:34 | Bright | 47.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 95 | 38918 | No |
| 123 | GOM_TRA_1PNPDE20090809_221251_000000392081_00287_38918_4389.N1 | 09-AUG-2009 22:12:51 | Bright | 38.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 77 | 38918 | No |
| 124 | GOM_TRA_1PNPDE20090809_221602_000000372081_00287_38918_4390.N1 | 09-AUG-2009 22:16:02 | Bright | 36.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 73 | 38918 | No |
| 125 | GOM_TRA_1PNPDE20090809_222128_000000392081_00287_38918_4391.N1 | 09-AUG-2009 22:21:28 | Bright | 38.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 77 | 38918 | No |
| 126 | GOM_TRA_1PNPDE20090809_222701_000000502081_00287_38918_4392.N1 | 09-AUG-2009 22:27:01 | Bright | 50.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 100 | 38918 | No |
| 127 | GOM_TRA_1PNPDE20090809_222911_000000462081_00287_38918_4393.N1 | 09-AUG-2009 22:29:11 | Bright | 45.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 91 | 38918 | No |
| 128 | GOM_TRA_1PNPDE20090809_223610_000000512081_00287_38918_4394.N1 | 09-AUG-2009 22:36:10 | Bright | 50.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 101 | 38918 | No |
| 129 | GOM_TRA_1PNPDE20090809_223801_000000542081_00287_38918_4395.N1 | 09-AUG-2009 22:38:01 | Bright | 54.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 108 | 38918 | No |
| 130 | GOM_TRA_1PNPDE20090809_224044_000000472081_00287_38918_4396.N1 | 09-AUG-2009 22:40:44 | Bright | 46.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 93 | 38918 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|--------------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 131 | GOM_TRA_1PNPDE20090809_224232_000000552081_00287_38918_4397.N1 | 09-AUG-2009 22:42:32 | Bright | 55.000 | 149 | 45Eps Per | 2.8880 | 30000. | 110 | 38918 | No |
| 132 | GOM_TRA_1PNPDE20090809_224622_000000492081_00287_38918_4398.N1 | 09-AUG-2009 22:46:22 | Twilight_and_stray | 48.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 97 | 38918 | No |
| 133 | GOM_TRA_1PNPDE20090809_224835_000000442081_00287_38918_4399.N1 | 09-AUG-2009 22:48:35 | Twilight_and_stray | 43.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 87 | 38918 | No |
| 134 | GOM_TRA_1PNPDE20090809_225134_000000732081_00287_38918_4400.N1 | 09-AUG-2009 22:51:34 | Dark | 73.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 146 | 38918 | No |
| 135 | GOM_TRA_1PNPDE20090809_225326_000000492081_00287_38918_4401.N1 | 09-AUG-2009 22:53:26 | Dark | 49.000 | 27 | 24Gam Ori | 1.6360 | 26000. | 98 | 38918 | No |
| 136 | GOM_TRA_1PNPDE20090809_225513_000000472081_00287_38918_4402.N1 | 09-AUG-2009 22:55:13 | Dark | 46.500 | 72 | 34Del Ori | 2.2500 | 30000. | 93 | 38918 | No |
| 137 | GOM_TRA_1PNPDE20090809_225806_000000572081_00287_38918_4403.N1 | 09-AUG-2009 22:58:06 | Dark | 56.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 113 | 38918 | No |
| 138 | GOM_TRA_1PNPDE20090809_230357_000000602081_00287_38918_4541.N1 | 09-AUG-2009 23:03:57 | Dark | 60.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 120 | 38918 | No |
| 139 | GOM_TRA_1PNPDE20090809_231310_000000492081_00288_38919_4542.N1 | 09-AUG-2009 23:13:10 | Dark | 49.000 | 157 | The1Eri | 2.9060 | 9300.0 | 98 | 38919 | No |
| 140 | GOM_TRA_1PNPDE20090809_232323_000000642081_00288_38919_4543.N1 | 09-AUG-2009 23:23:23 | Straylight | 63.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 127 | 38919 | No |
| 141 | GOM_TRA_1PNPDE20090809_232643_000000572081_00288_38919_4544.N1 | 09-AUG-2009 23:26:43 | Straylight | 56.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 113 | 38919 | No |
| 142 | GOM_TRA_1PNPDE20090809_233132_000000582081_00288_38919_4545.N1 | 09-AUG-2009 23:31:32 | Twilight_and_stray | 58.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 116 | 38919 | No |
| 143 | GOM_TRA_1PNPDE20090809_233743_000000452081_00288_38919_4546.N1 | 09-AUG-2009 23:37:43 | Bright | 44.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 89 | 38919 | No |
| 144 | GOM_TRA_1PNPDE20090809_234126_000000432081_00288_38919_4547.N1 | 09-AUG-2009 23:41:26 | Bright | 42.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 85 | 38919 | No |
| 145 | GOM_TRA_1PNPDE20090809_234710_000000512081_00288_38919_4548.N1 | 09-AUG-2009 23:47:10 | Bright | 51.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 102 | 38919 | No |
| 146 | GOM_TRA_1PNPDE20090809_235326_000000382081_00288_38919_4549.N1 | 09-AUG-2009 23:53:26 | Bright | 38.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 76 | 38919 | No |
| 147 | GOM_TRA_1PNPDE20090809_235638_000000362081_00288_38919_4550.N1 | 09-AUG-2009 23:56:38 | Bright | 36.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 72 | 38919 | 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

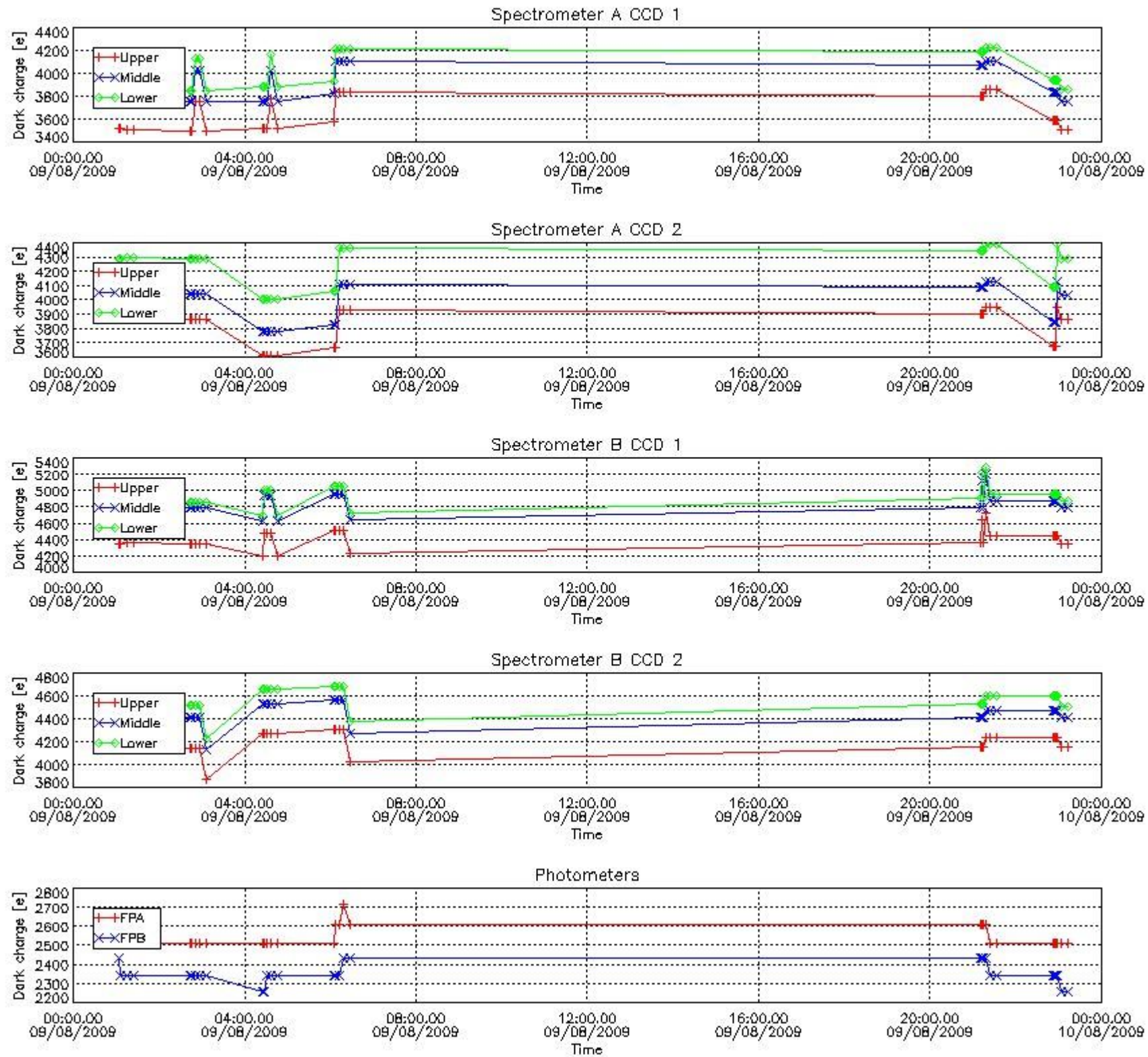
the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

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_1PNPDE20090809_200530_000000582081_00286_38917_4222.N1 | DC map with no T dep. |
| GOM_TRA_1PNPDE20090809_201019_000000572081_00286_38917_4223.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_202014_000000462081_00286_38917_4224.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_202559_000000482081_00286_38917_4225.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_203215_000000402081_00286_38917_4226.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_203527_000000402081_00286_38917_4227.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_204052_000000402081_00286_38917_4228.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_204626_000000502081_00286_38917_4229.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_204835_000000482081_00286_38917_4230.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_205535_000000512081_00286_38917_4231.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_205726_000000562081_00286_38917_4232.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_210008_000000462081_00286_38917_4233.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_210156_000000532081_00286_38917_4234.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_210546_000000492081_00286_38917_4235.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_210759_000000432081_00286_38917_4236.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_211057_000000682081_00286_38917_4237.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_211249_000000472081_00286_38917_4238.N1 | DC map used |
| GOM_TRA_1PNPDE20090809_211436_000000452081_00286_38917_4239.N1 | DC map used |

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



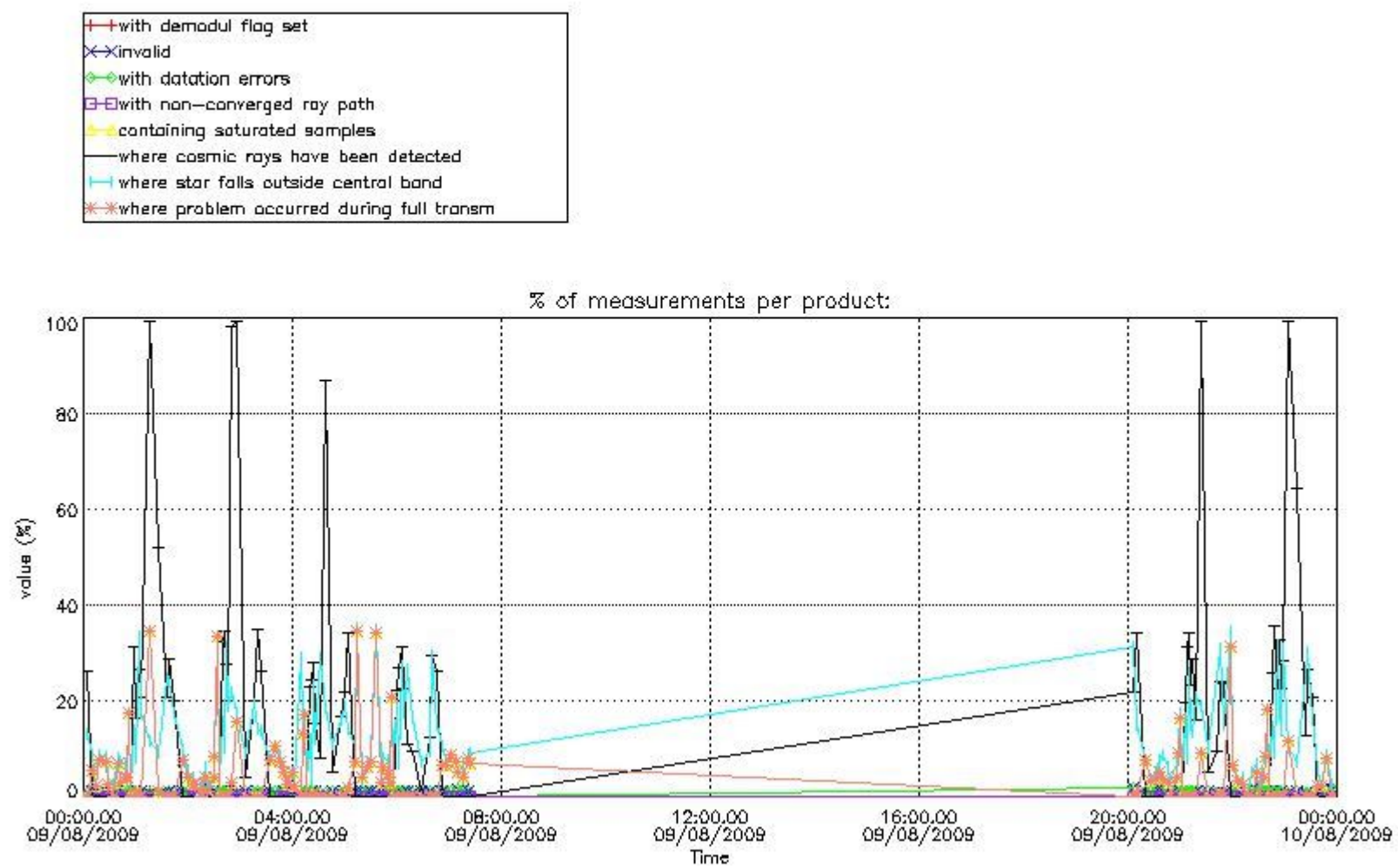
5. Demodulation flag and quality information monitoring

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.

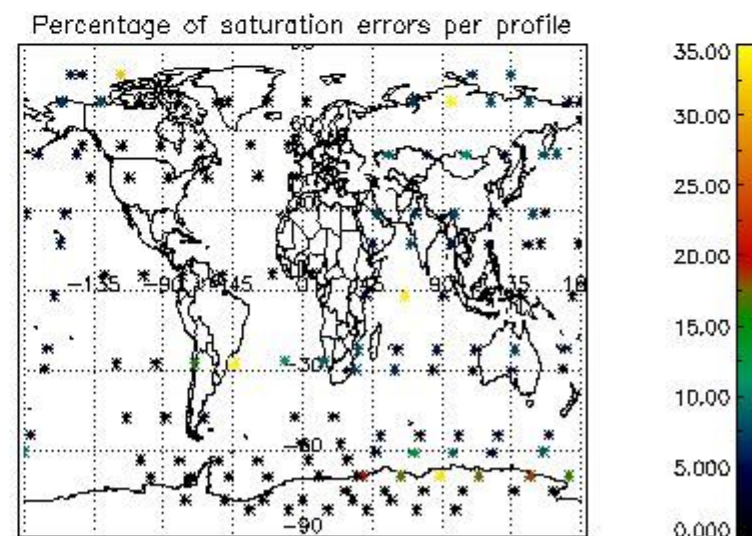
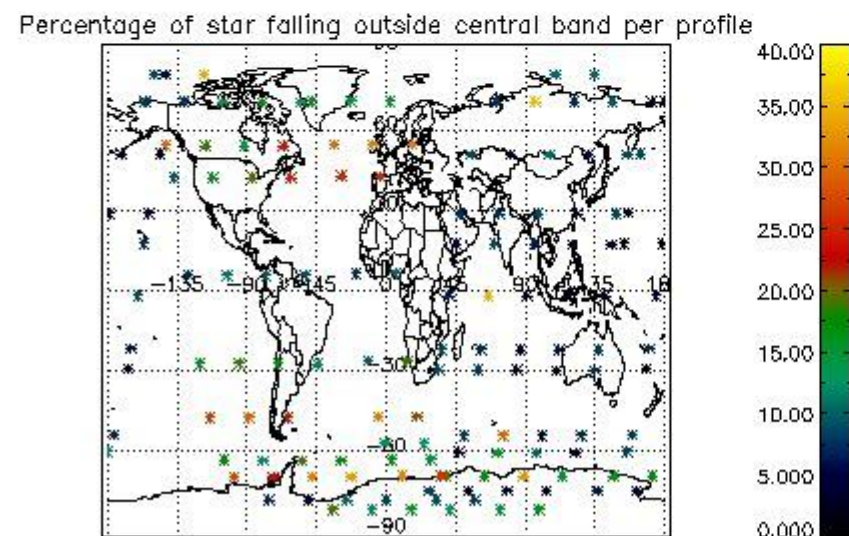
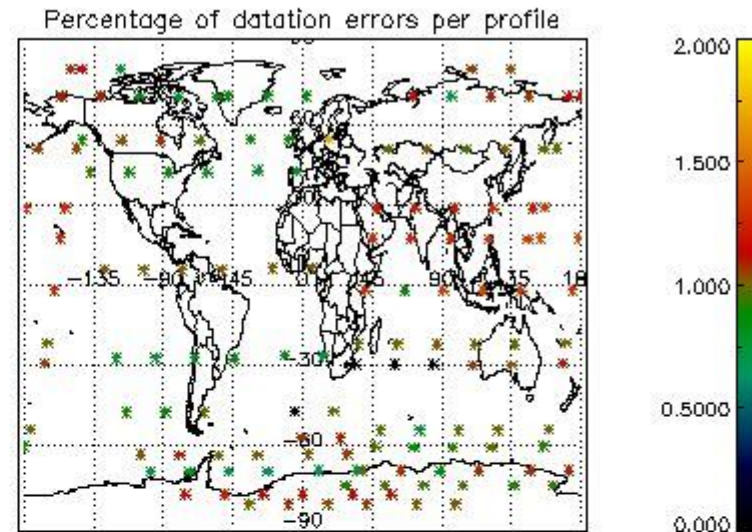
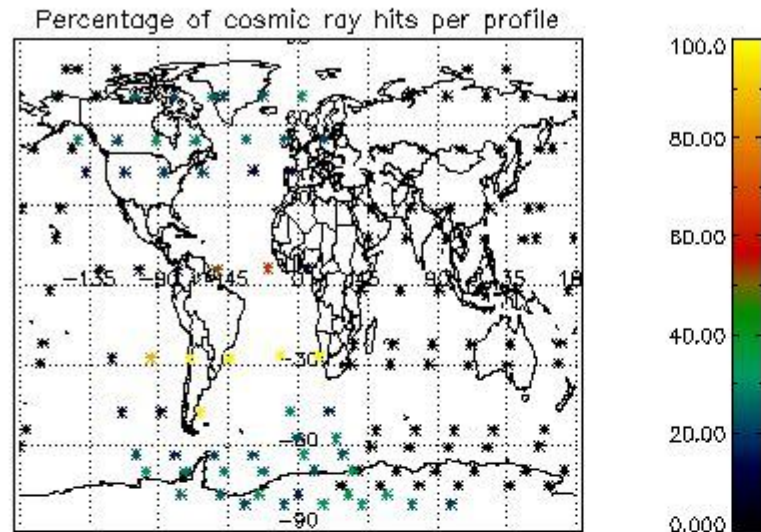
5.1 Percentage of products during reporting period with:

| | |
|---|-----------|
| At least one measurement with demodulation flag set: | 32.8767 % |
| 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)



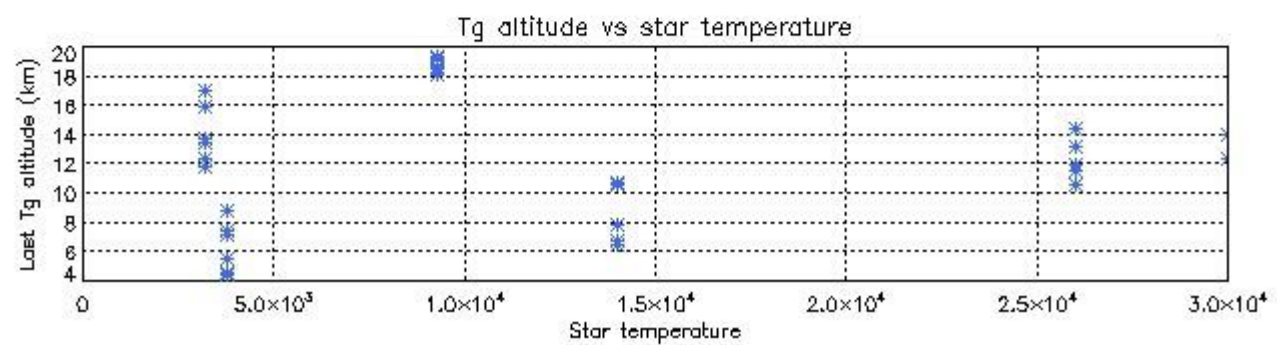
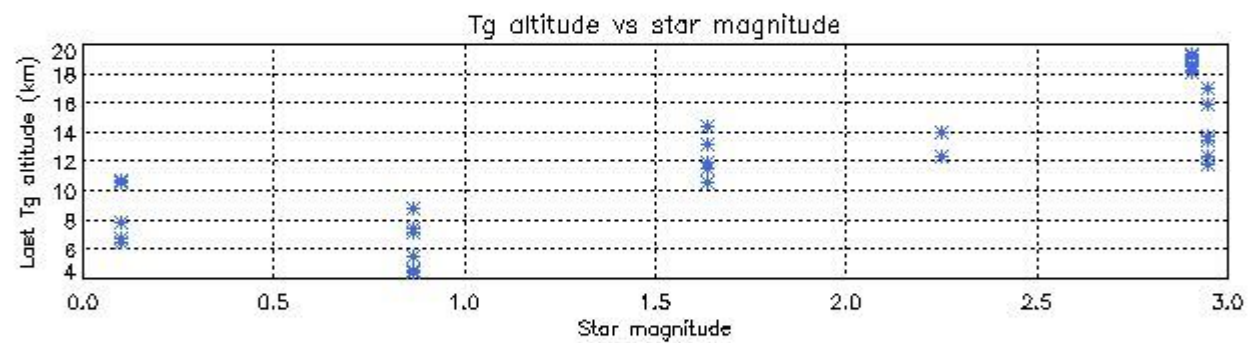
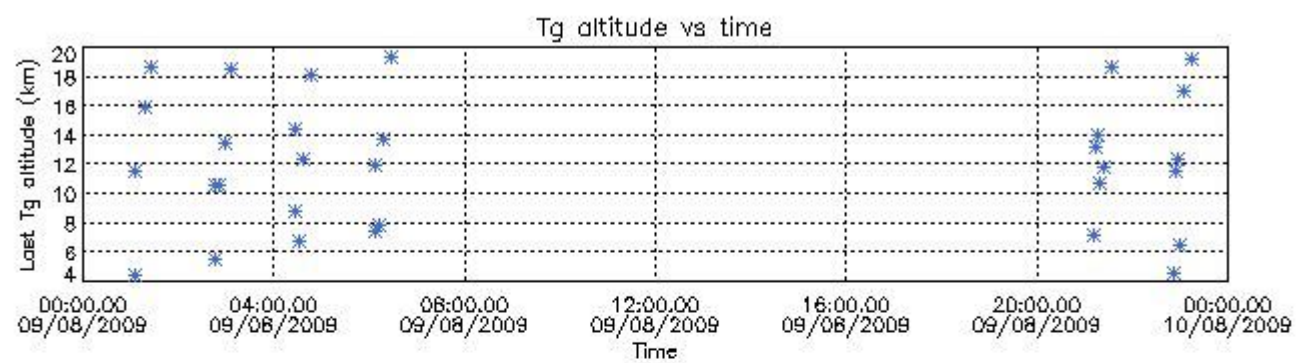
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

| Statistics | DARK | BRIGHT | TWILIGHT |
|-----------------|--------|--------|----------|
| Mean: | 12.128 | 19.176 | NaN |
| St. deviation: | 4.5616 | 4.7091 | NaN |
| Maximum: | 19.381 | 26.679 | NaN |
| Minimum: | 4.3789 | 2.5200 | NaN |
| Number of data: | 31.000 | 82.000 | NaN |

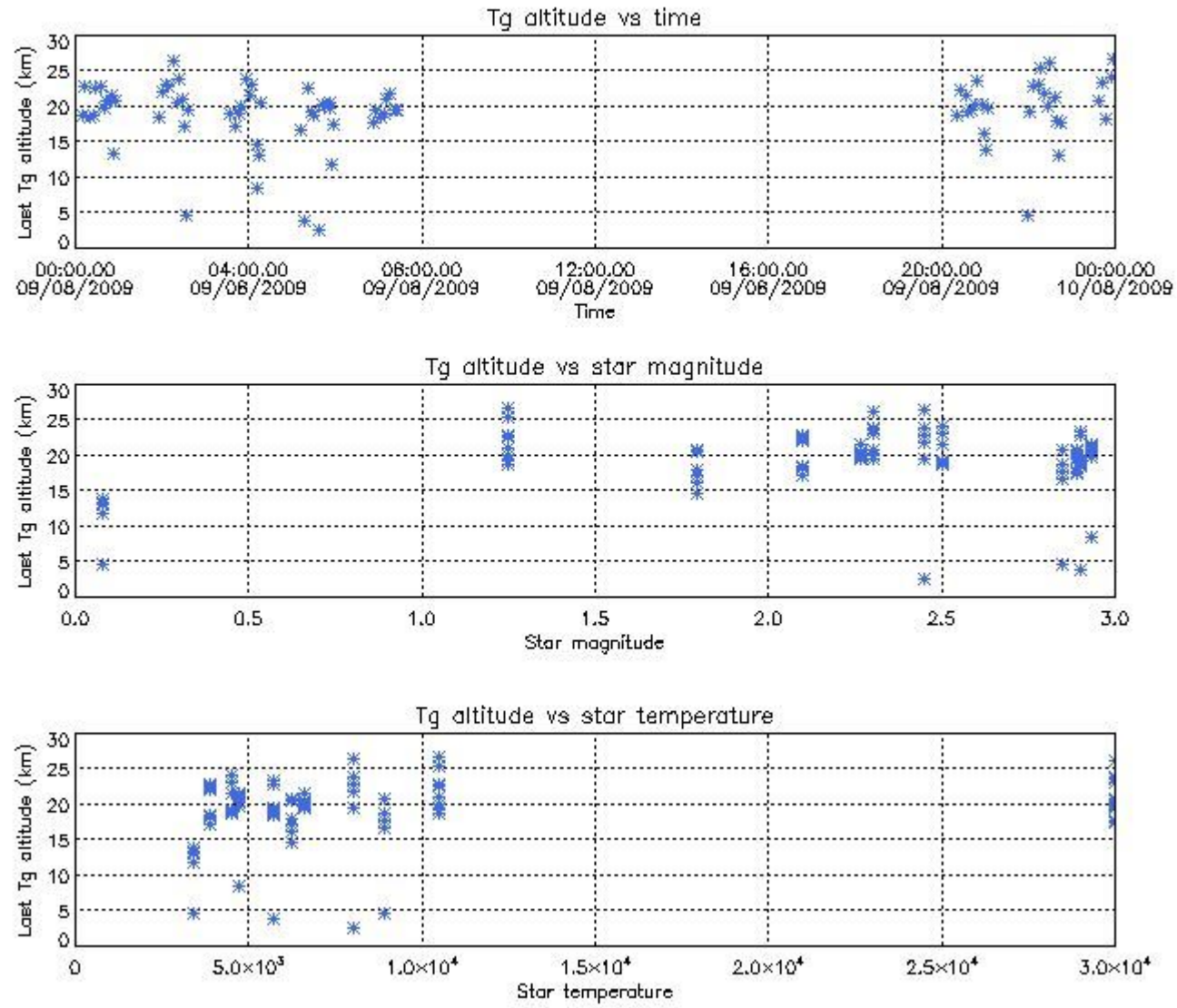
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

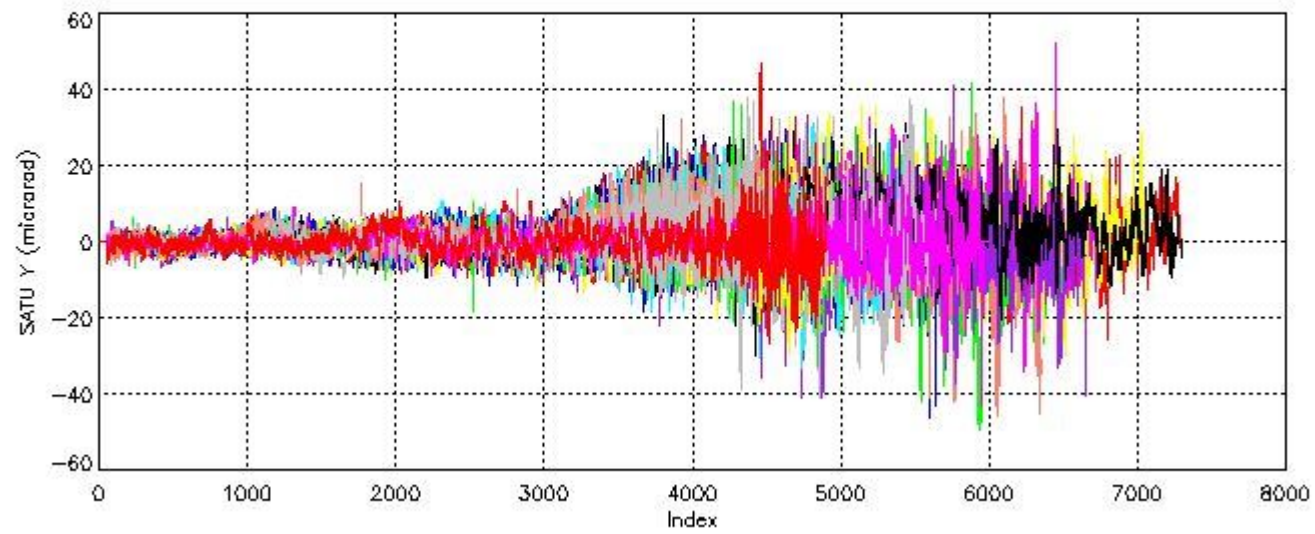
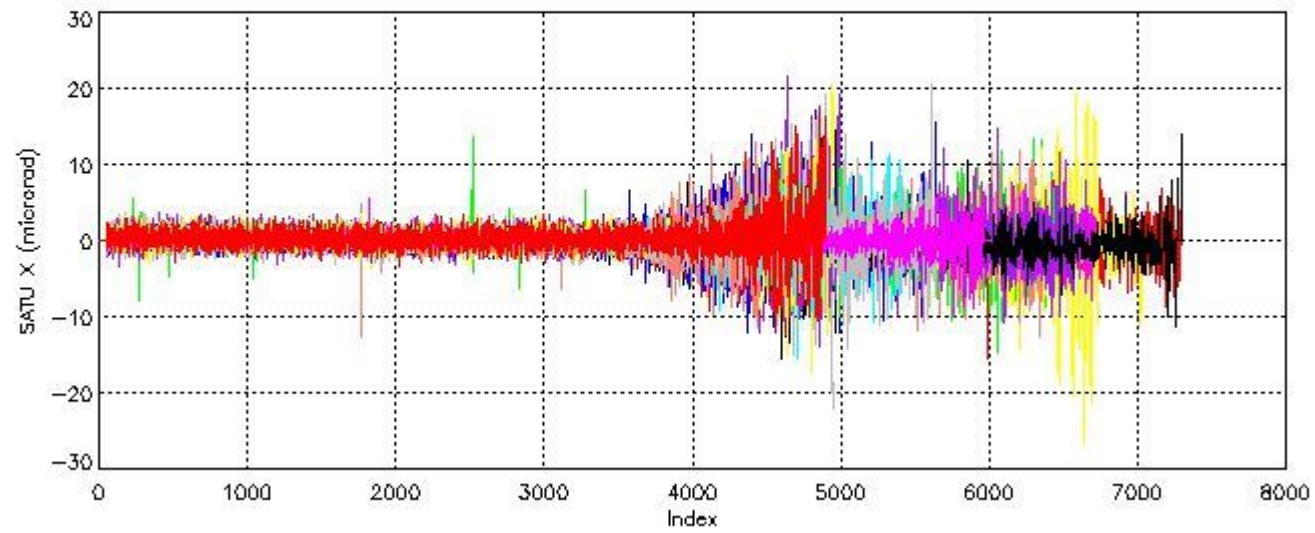


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

The Star Acquisition and Tracking Unit (it is the CCD that tracks the star while it is occulted) Noise Equivalent Angle consists of the statistical angular variation of the SATU data above the atmosphere. Statistics (in microradians) above 105 km are computed for every occultation, giving four values per occultation: one in the 'X' direction and one in the 'Y' direction for dark and bright limbs. A mean value per day in every direction and limb is calculated and monitored in order to assess instrument performance in terms of star pointing.

7.2.1 SATU NEA Statistics (table)

| Statistics | SATU X (D) | SATU Y (D) | SATU X (B) | SATU Y (B) |
|----------------|------------|------------|------------|------------|
| Mean: | 0.25025 | -0.46099 | 0.26572 | -0.51243 |
| St. deviation: | 0.46312 | 1.2892 | 0.72147 | 1.4697 |
| Maximum: | 5.4000 | 6.2000 | 6.5000 | 8.5000 |
| Minimum: | -8.0000 | -6.8000 | -6.9000 | -8.6000 |

| | | | | |
|-----------------|--------|--------|--------|--------|
| Number of data: | 35200. | 35200. | 86850. | 86850. |
|-----------------|--------|--------|--------|--------|

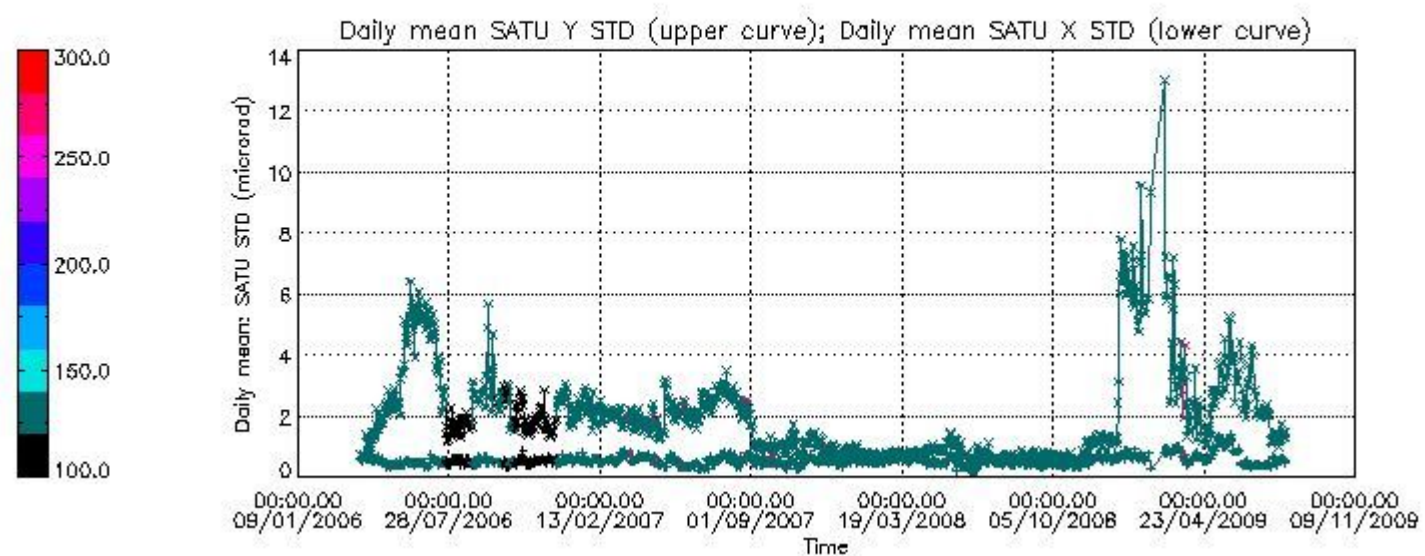
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

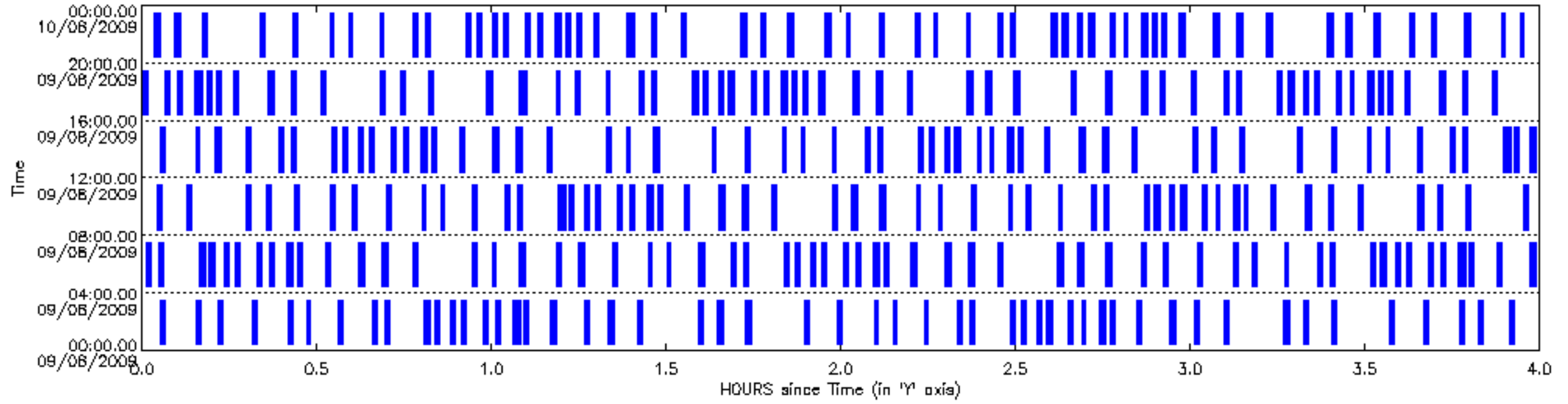
Lower curve: STD of SATU X axis

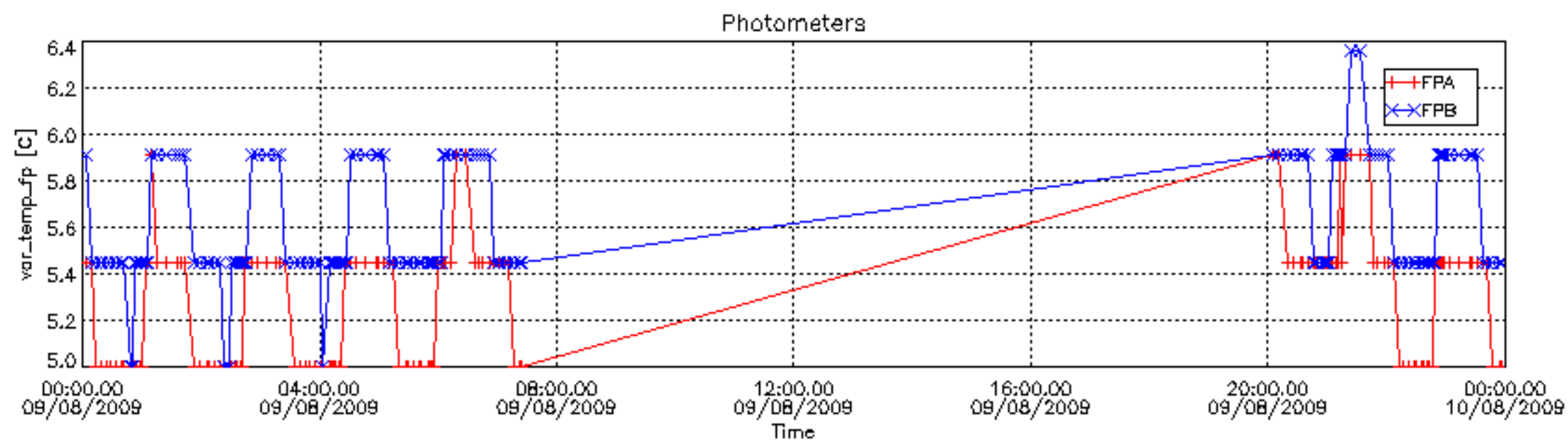
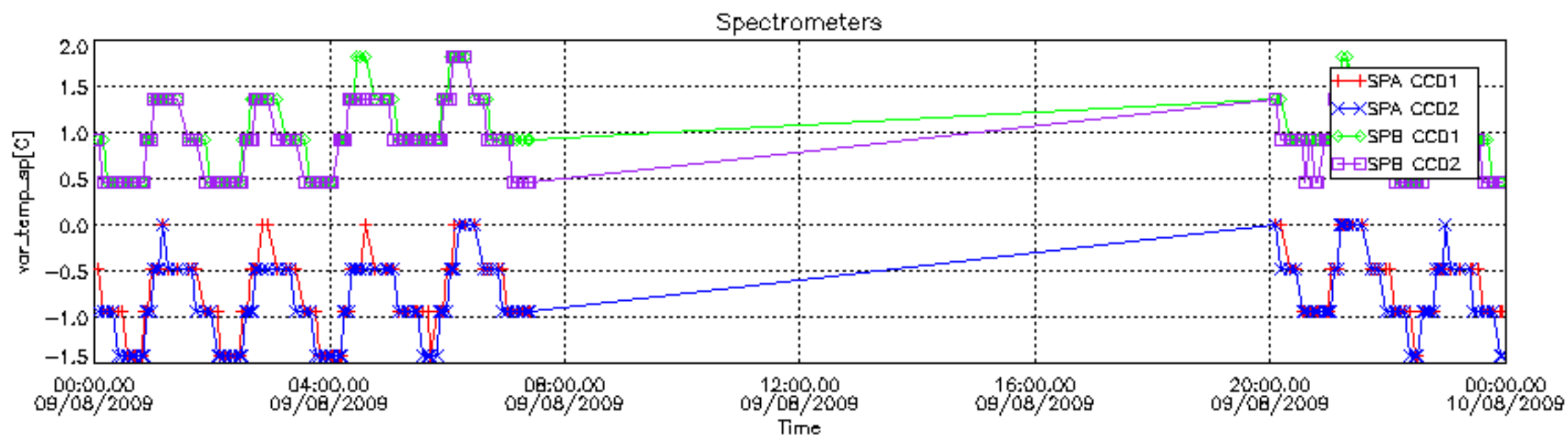


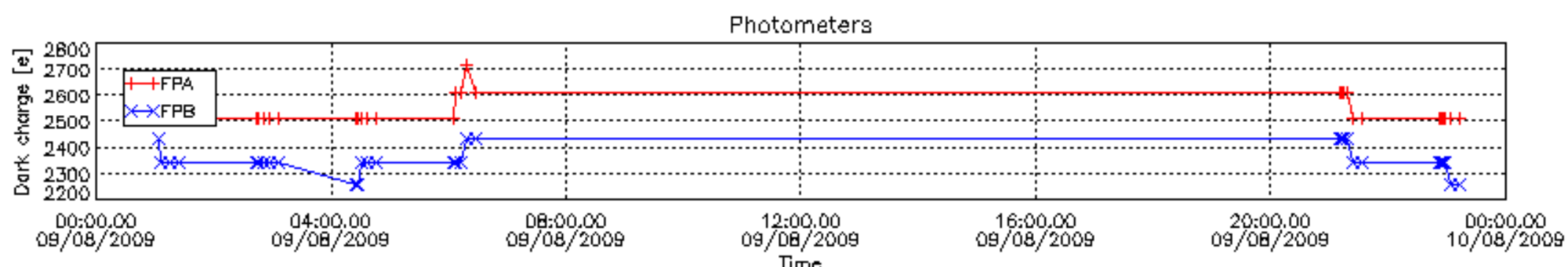
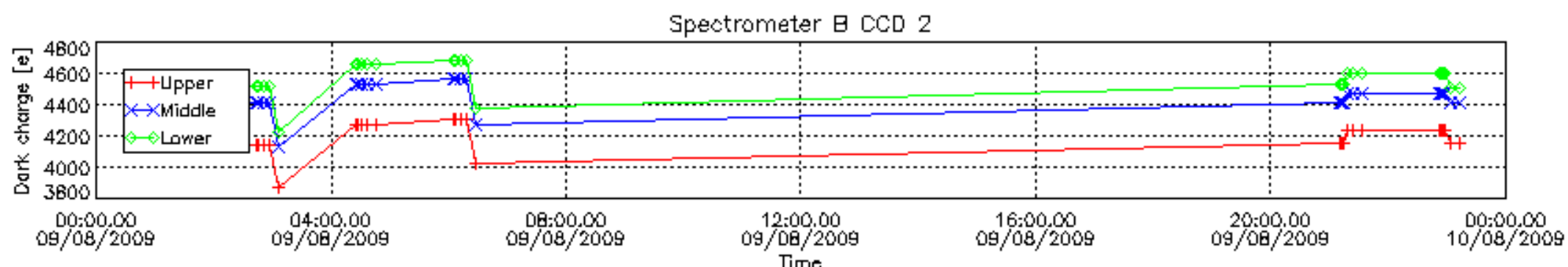
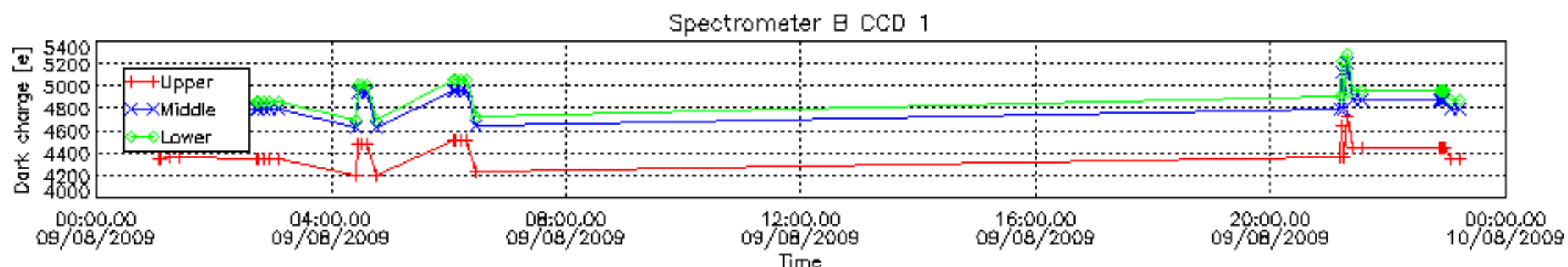
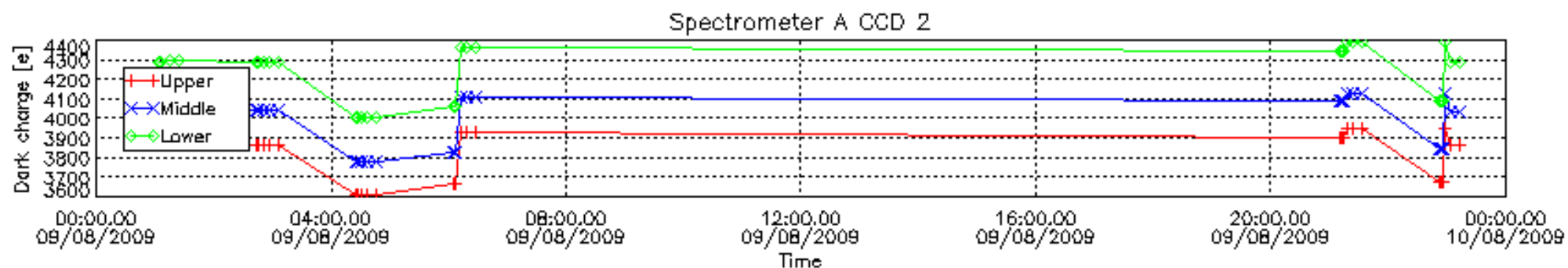
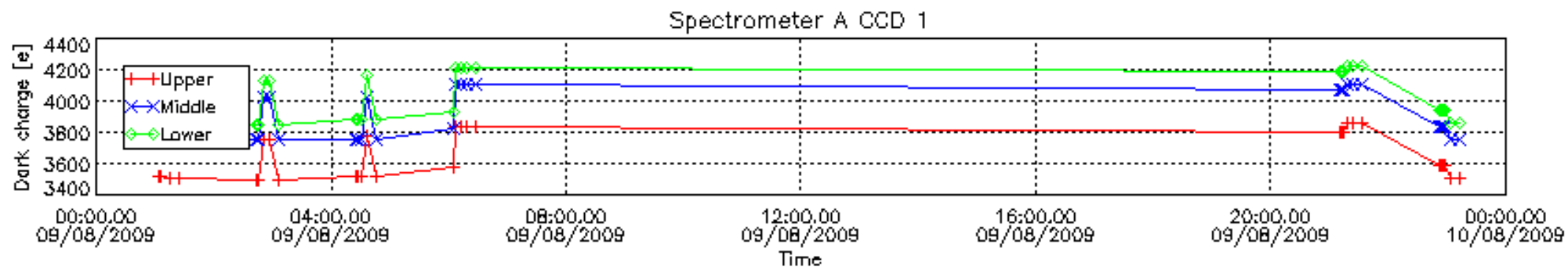
8. Auxiliary Data Files used for the production reported in section 2.4

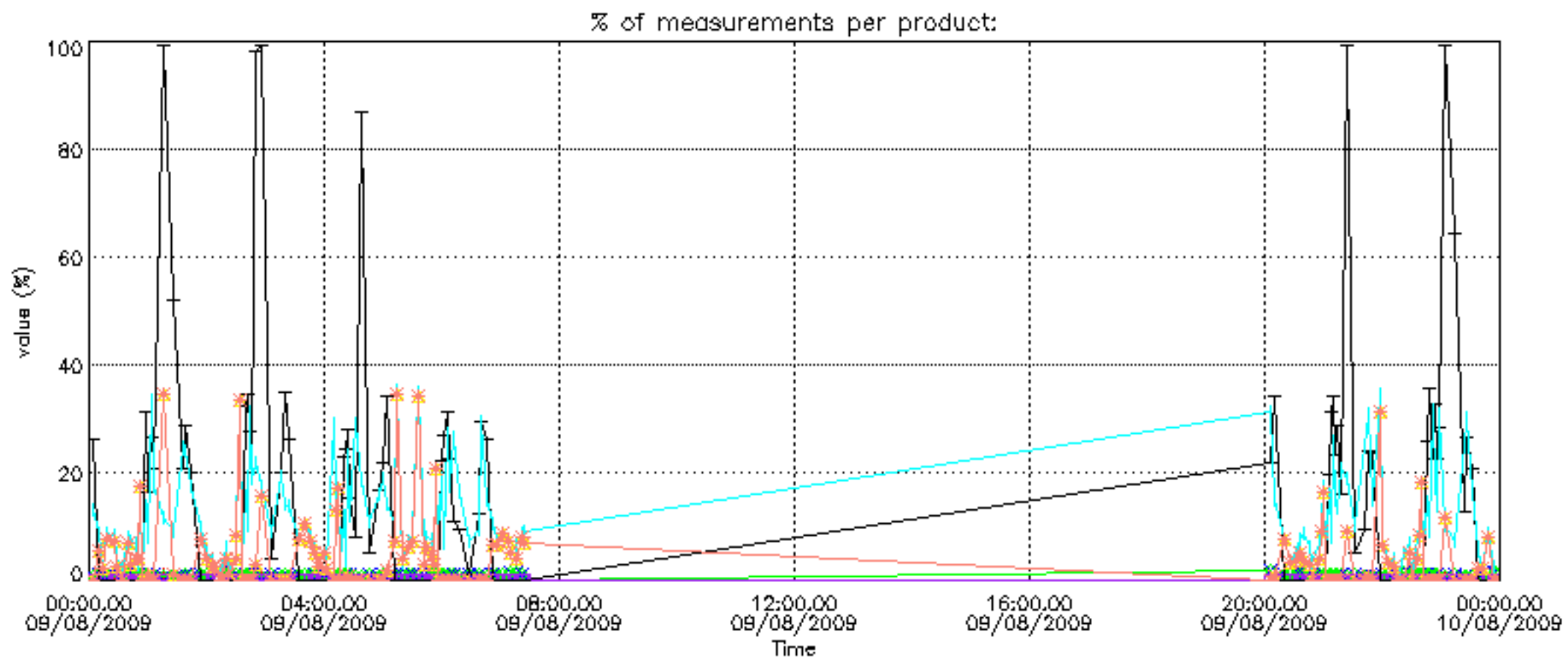
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|--|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXNIEC20050627_150713_20030716_120000_20100101_000000 | 1 | 09-AUG-2009 00:03:01 |
| CALIBRATION_DATABASE | GOM_CAL_AXVIEC20090806_083422_20090804_000000_20100101_000000 | 1 | 09-AUG-2009 00:03:01 |
| LEVEL-1B_PROC_CONFIG | GOM_PR1_AXNIEC20050627_151042_20020301_000000_20100101_000000 | 1 | 09-AUG-2009 00:03:01 |
| STAR_CATALOGUE | GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000 | 1 | 09-AUG-2009 00:03:01 |
| STELLAR_SPECTRA_DATABANK | GOM_STS_AXNIEC20040308_103538_20020101_160000_20100101_000000 | 1 | 09-AUG-2009 00:03:01 |
| ECMWF_FILE | AUX_ECF_AXNECM20090808_064112_20090808_210000_20090809_090000 | 1 | 09-AUG-2009 00:03:01 |
| ECMWF_FILE | AUX_ECF_AXNECM20090809_112118_20090809_150000_20090810_030000 | 96 | 09-AUG-2009 20:05:30 |
| ECMWF_FILE | AUX_ECF_AXNECM20090809_112119_20090809_210000_20090810_090000 | 114 | 09-AUG-2009 21:17:29 |
| OPTIONAL_ECMWF_FILE | MISSING | 1 | 09-AUG-2009 00:03:01 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20090808_214716_000057382081_00272_38903_8515.N1 | 1 | 09-AUG-2009 00:03:01 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20090808_232813_000057382081_00273_38904_8516.N1 | 18 | 09-AUG-2009 01:10:10 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20090809_010910_000044632081_00274_38905_8517.N1 | 31 | 09-AUG-2009 02:29:05 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20090809_022851_000054192081_00275_38906_8518.N1 | 52 | 09-AUG-2009 04:09:40 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20090809_040430_000054192081_00276_38907_8519.N1 | 74 | 09-AUG-2009 05:50:16 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20090809_200052_000041442081_00286_38917_8521.N1 | 96 | 09-AUG-2009 20:05:30 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20090809_211515_000057382081_00286_38917_8522.N1 | 138 | 09-AUG-2009 23:03:57 |

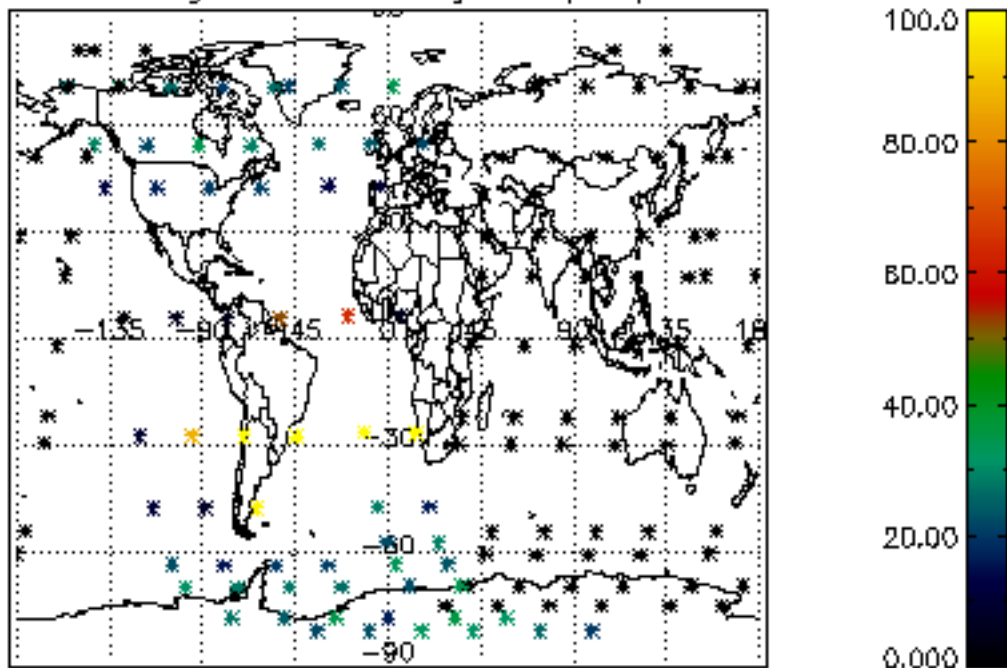




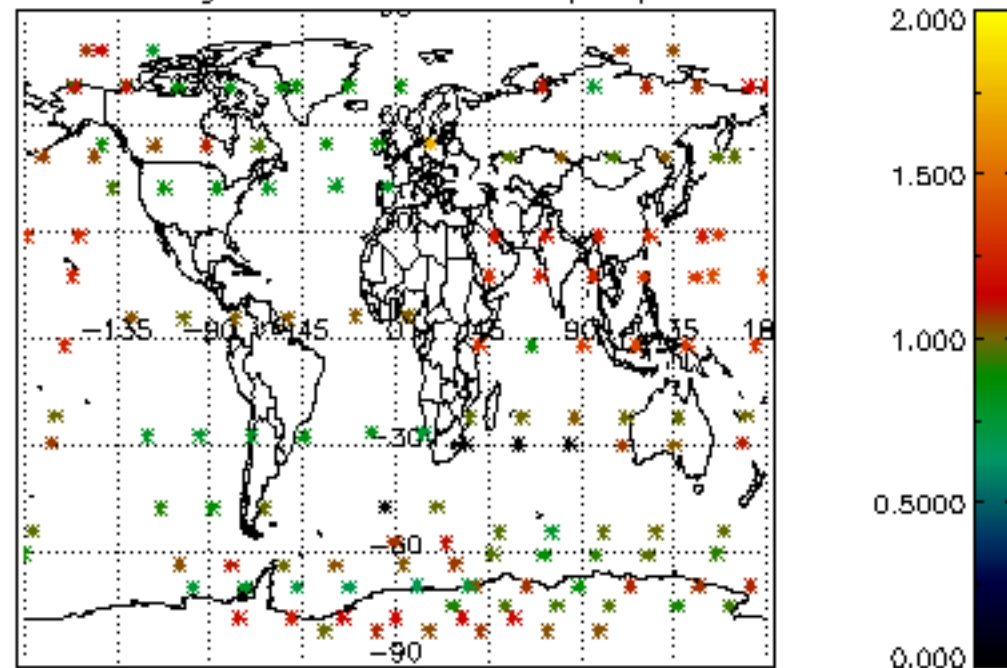




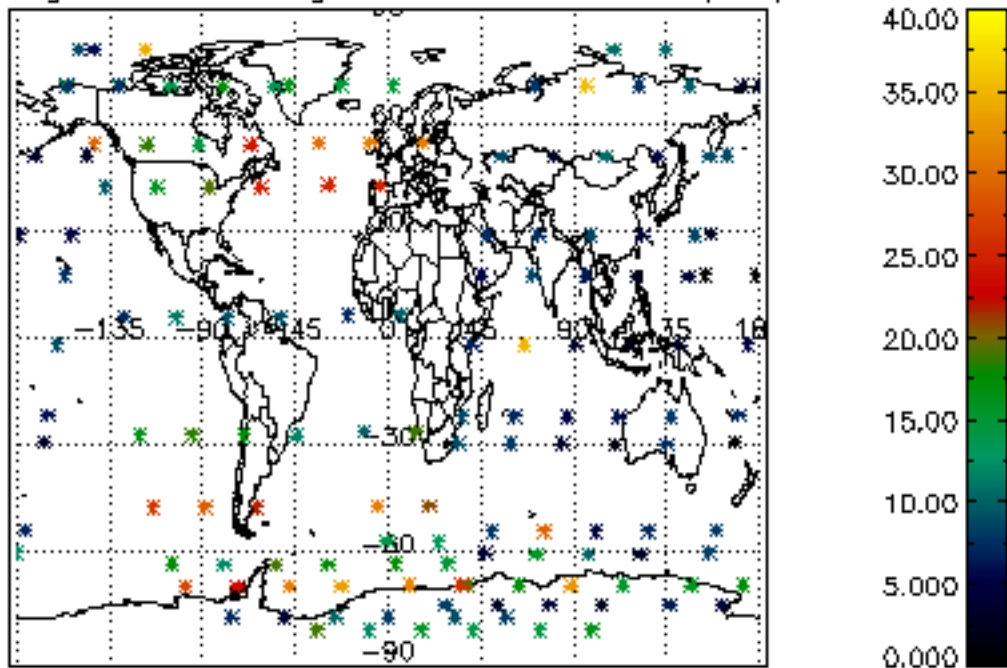
Percentage of cosmic ray hits per profile



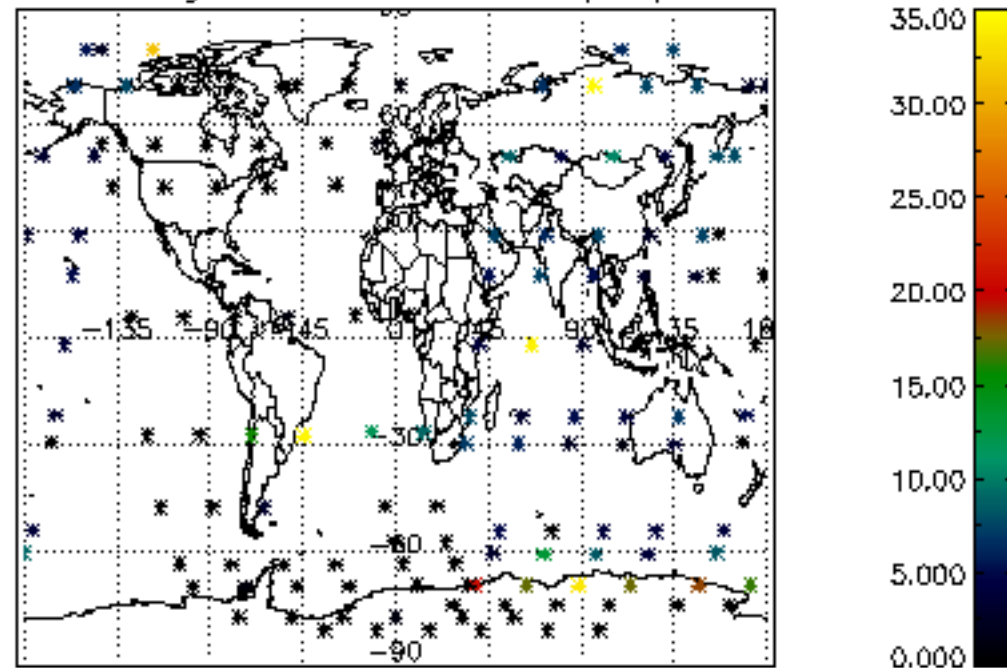
Percentage of datation errors per profile



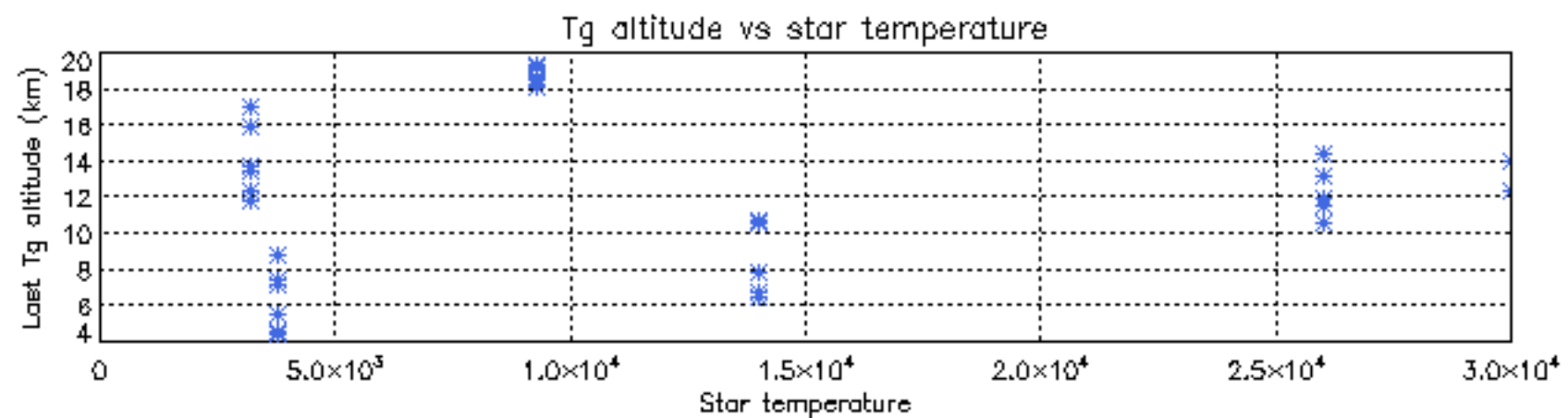
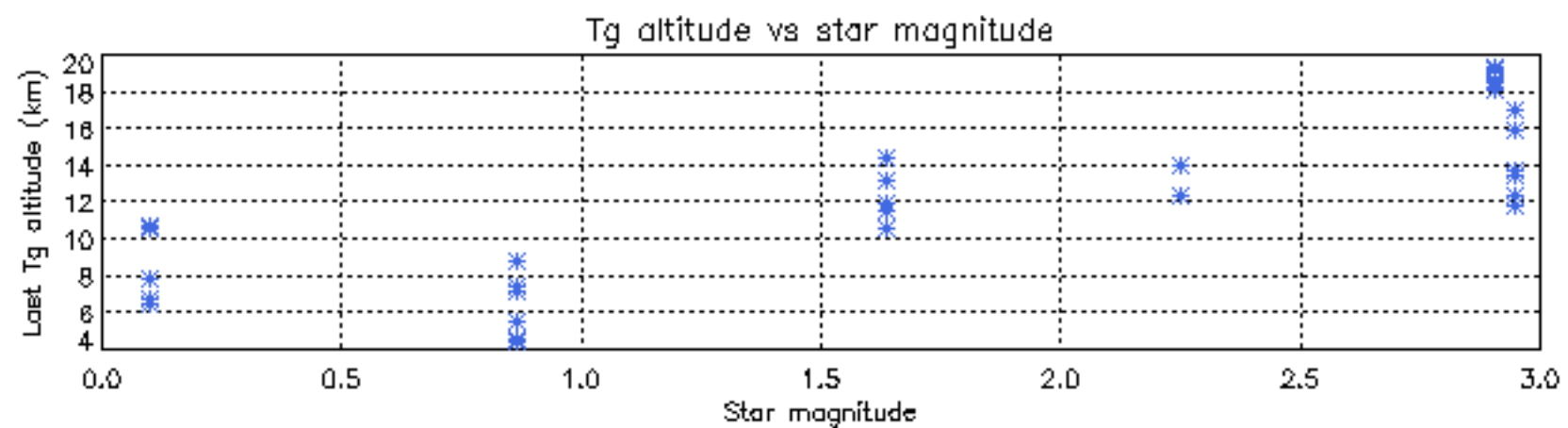
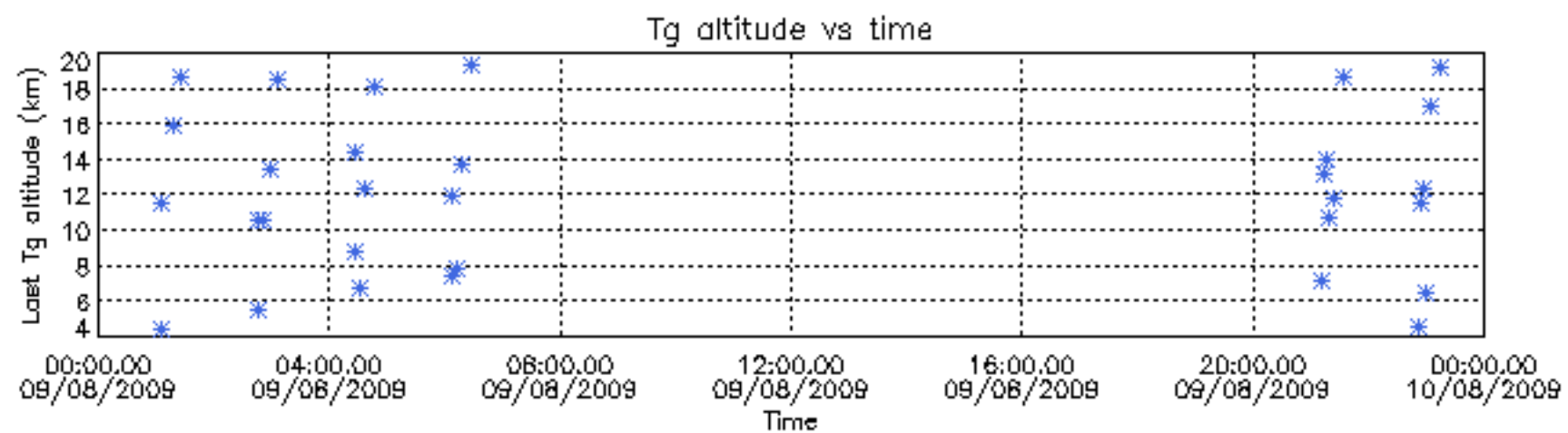
Percentage of star falling outside central band per profile



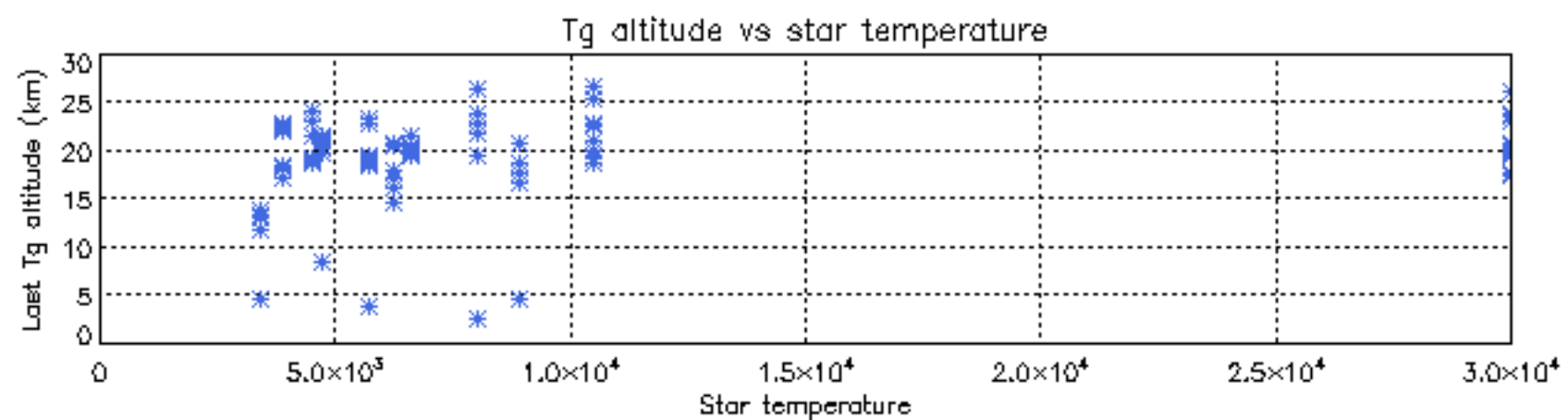
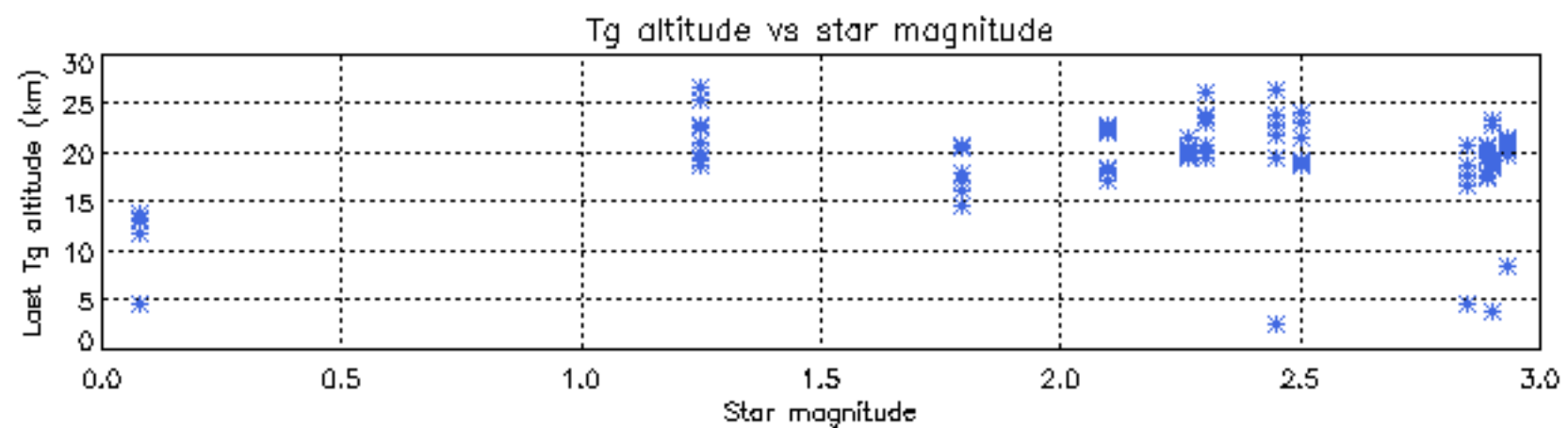
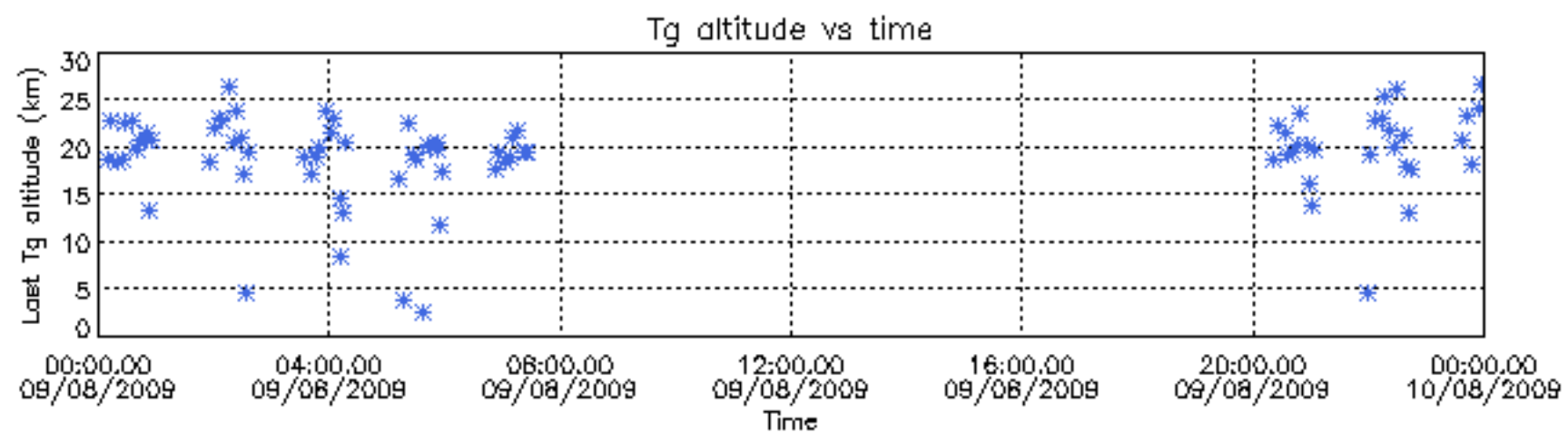
Percentage of saturation errors per profile

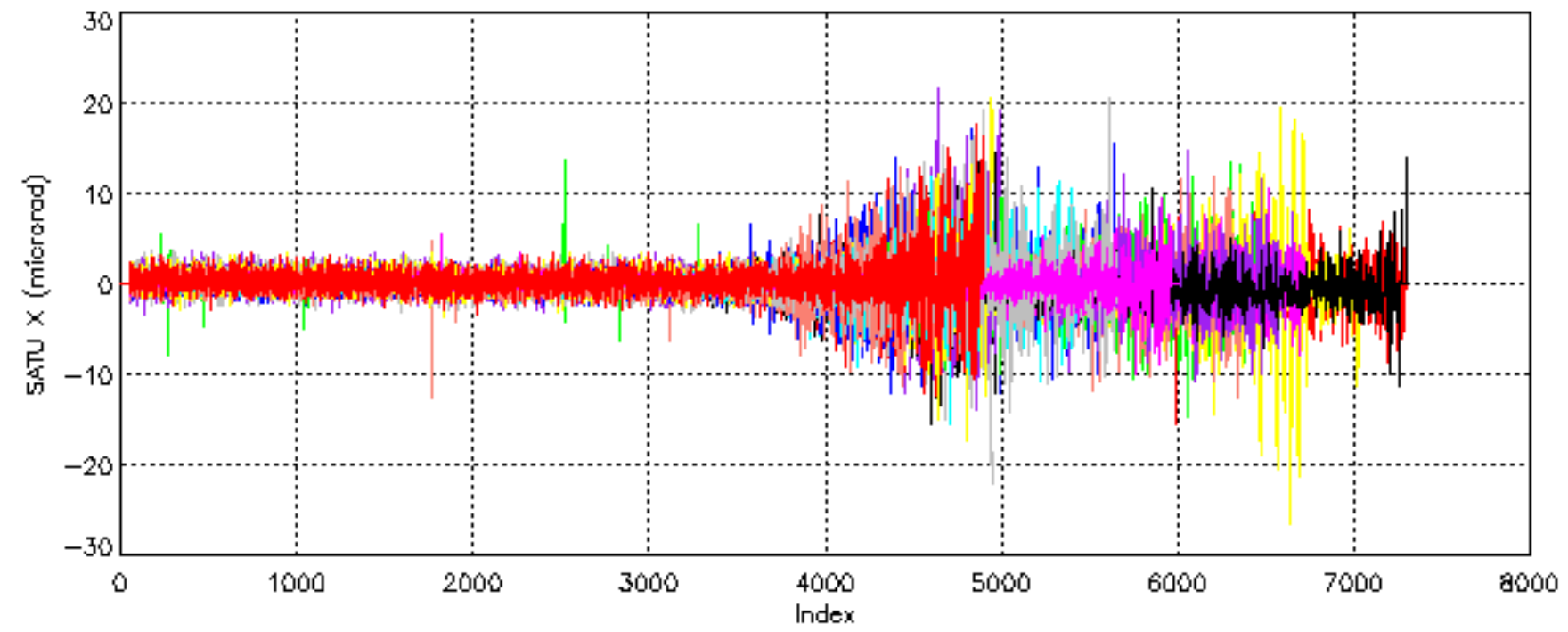


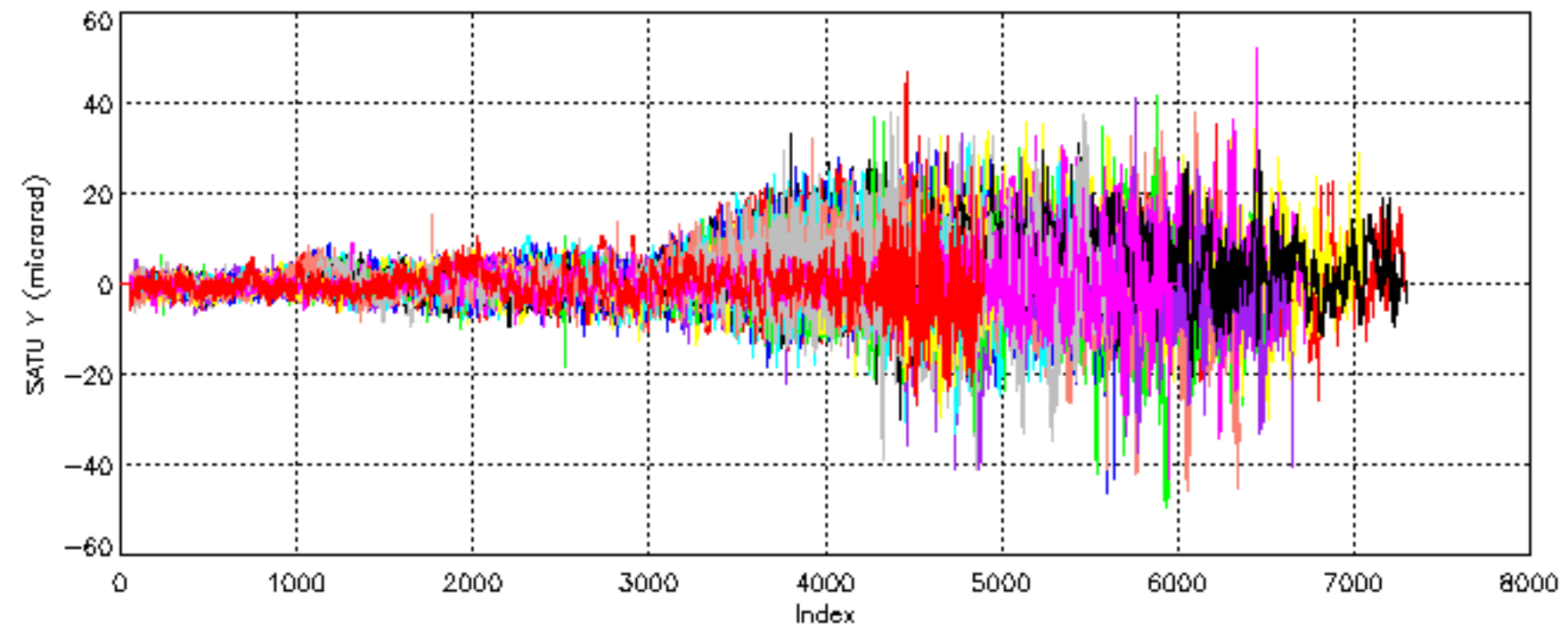
Tangent altitude at which the star is lost

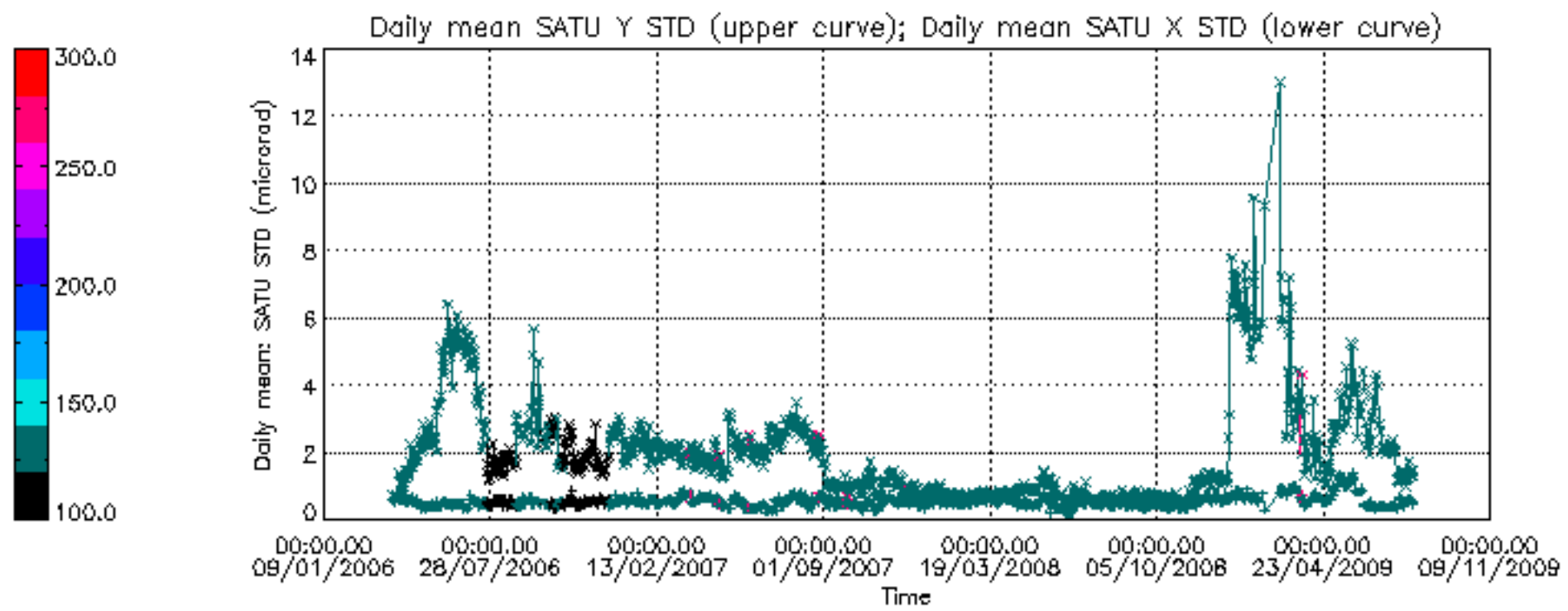


Tangent altitude at which the star is lost









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 9; 596.4; 01-AUG-2009 05:46:26; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;38794
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11; 1109.5; 01-AUG-2009 05:54:59; Dark ; 45.0; 172; Gam Gru ; 3.00; 13100;occ; 90; 0;38794
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13; 1823.1; 01-AUG-2009 06:06:53; Bright; 53.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 106; 0;38794
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2; 1576.6; 05-AUG-2009 19:01:42; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;38859
3; 1811.6; 05-AUG-2009 19:05:37; Bright; 49.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 98; 0;38859
4; 2547.6; 05-AUG-2009 19:17:53; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;38859
5; 2737.4; 05-AUG-2009 19:21:03; Bright; 59.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 118; 0;38859
6; 3063.8; 05-AUG-2009 19:26:29; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38859
7; 3424.0; 05-AUG-2009 19:32:29; Bright; 51.5; 74; 11Bet Cas ; 2.27; 6600;occ; 103; 0;38859

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8; 3548.7; 05-AUG-2009 19:34:34; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38859
 9; 3952.4; 05-AUG-2009 19:41:18; Bright; 69.5; 160; 23Gam Per ; 2.93; 4700;occ; 139; 0;38859
 10; 4058.0; 05-AUG-2009 19:43:03; Bright; 49.5; 35; 33Alp Per ; 1.79; 6250;occ; 99; 0;38859
 11; 4201.0; 05-AUG-2009 19:45:26; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38859
 12; 4526.2; 05-AUG-2009 19:50:52; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38859
 13; 4818.7; 05-AUG-2009 19:55:44; Dark ; 68.0; 13; 87Alp Tau ; 0.87; 3800;occ; 136; 0;38859
 14; 5166.4; 05-AUG-2009 20:01:32; Dark ; 45.0; 128; 67Bet Eri ; 2.78; 9700;occ; 90; 0;38859
 15; 5518.8; 05-AUG-2009 20:07:24; Dark ; 59.0; 165; 34Gam Eri ; 2.95; 3200;occ; 118; 0;38859
 16; 5784.4; 05-AUG-2009 20:11:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38859
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 18; 6700.6; 05-AUG-2009 20:27:06; Dark ; 65.0; 84; Alp Phe ; 2.40; 4500;occ; 130; 0;38859
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 3; 48.6; 06-AUG-2009 01:18:37; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38863
 4; 667.7; 06-AUG-2009 01:28:57; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;38863
 5; 892.0; 06-AUG-2009 01:32:41; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;38863
 6; 1179.9; 06-AUG-2009 01:37:29; Dark ; 59.5; 18; 24Alp PsA ; 1.17; 9700;occ; 119; 0;38863
 7; 1577.0; 06-AUG-2009 01:44:06; Bright; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;38863
 8; 1811.2; 06-AUG-2009 01:48:00; Bright; 47.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 95; 0;38863
 9; 2546.0; 06-AUG-2009 02:00:15; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38863
 10; 2735.9; 06-AUG-2009 02:03:25; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;38863
 11; 3062.3; 06-AUG-2009 02:08:51; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;38863
 12; 3420.8; 06-AUG-2009 02:14:50; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38863
 13; 3545.8; 06-AUG-2009 02:16:55; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38863
 14; 3950.6; 06-AUG-2009 02:23:39; Bright; 48.5; 160; 23Gam Per ; 2.93; 4700;occ; 97; 0;38863
 15; 4056.6; 06-AUG-2009 02:25:25; Bright; 32.5; 35; 33Alp Per ; 1.79; 6250;occ; 65; 0;38863

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 3;-1724.2; 06-AUG-2009 02:29:41; Bright; 49.0; 149; 45Eps Per ; 2.89; 30000;occ; 98; 0;38863
 4;-1509.0; 06-AUG-2009 02:33:16; Dark ; 46.0; 28; 12Bet Tau ; 1.65; 15200;occ; 92; 0;38863
 5;-1215.4; 06-AUG-2009 02:38:09; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;38863
 6; -867.2; 06-AUG-2009 02:43:58; Dark ; 44.5; 128; 67Bet Eri ; 2.78; 9700;occ; 89; 0;38863
 7; -512.5; 06-AUG-2009 02:49:52; Dark ; 52.5; 165; 34Gam Eri ; 2.95; 3200;occ; 105; 0;38863
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 9; 49.8; 06-AUG-2009 02:59:15; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;38864
 10; 668.7; 06-AUG-2009 03:09:33; Dark ; 57.5; 84; Alp Phe ; 2.40; 4500;occ; 115; 0;38864
 11; 892.5; 06-AUG-2009 03:13:17; Dark ; 49.0; 63; Bet Gru ; 2.15; 2800;occ; 98; 0;38864
 12; 1180.3; 06-AUG-2009 03:18:05; Dark ; 60.0; 18; 24Alp PsA ; 1.17; 9700;occ; 120; 0;38864
 13; 1577.2; 06-AUG-2009 03:24:42; Bright; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;38864
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 15; 2545.5; 06-AUG-2009 03:40:50; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;38864
 16; 2735.6; 06-AUG-2009 03:44:00; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38864
 17; 3061.9; 06-AUG-2009 03:49:27; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38864
 18; 3419.9; 06-AUG-2009 03:55:25; Bright; 73.0; 74; 11Bet Cas ; 2.27; 6600;occ; 146; 0;38864
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 3;-1979.7; 06-AUG-2009 04:06:01; Bright; 51.0; 35; 33Alp Per ; 1.79; 6250;occ; 102; 0;38864
 4;-1835.1; 06-AUG-2009 04:08:26; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;38864
 5;-1724.3; 06-AUG-2009 04:10:16; Bright; 51.5; 149; 45Eps Per ; 2.89; 30000;occ; 103; 0;38864
 6;-1508.8; 06-AUG-2009 04:13:52; Dark ; 45.5; 28; 12Bet Tau ; 1.65; 15200;occ; 91; 0;38864
 7;-1215.0; 06-AUG-2009 04:18:46; Dark ; 67.0; 13; 87Alp Tau ; 0.87; 3800;occ; 134; 0;38864
 8; -866.8; 06-AUG-2009 04:24:34; Dark ; 44.5; 128; 67Bet Eri ; 2.78; 9700;occ; 89; 0;38864
 9; -511.4; 06-AUG-2009 04:30:29; Dark ; 58.5; 165; 34Gam Eri ; 2.95; 3200;occ; 117; 0;38864
 10; -247.6; 06-AUG-2009 04:34:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38864
 11; 50.7; 06-AUG-2009 04:39:51; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38865
 12; 669.7; 06-AUG-2009 04:50:10; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;38865
 13; 893.2; 06-AUG-2009 04:53:54; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;38865
 14; 1181.1; 06-AUG-2009 04:58:42; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;38865
 15; 1577.3; 06-AUG-2009 05:05:18; Bright; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;38865
 16; 1811.0; 06-AUG-2009 05:09:12; Bright; 47.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 94; 0;38865
 17; 2545.1; 06-AUG-2009 05:21:26; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38865
 18; 2735.2; 06-AUG-2009 05:24:36; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38865
 19; 3061.5; 06-AUG-2009 05:30:02; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38865

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3; -1980.1; 06-AUG-2009 05:46:37; Bright; 52.5; 35; 33Alp Per ; 1.79; 6250;occ; 105; 0;38865
4; -1835.0; 06-AUG-2009 05:49:02; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;38865
5; -1724.4; 06-AUG-2009 05:50:52; Bright; 49.0; 149; 45Eps Per ; 2.89; 30000;occ; 98; 0;38865
6; -1508.7; 06-AUG-2009 05:54:28; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38865
7; -1214.4; 06-AUG-2009 05:59:22; Dark ; 54.0; 13; 87Alp Tau ; 0.87; 3800;occ; 108; 0;38865
8; -866.2; 06-AUG-2009 06:05:11; Dark ; 47.0; 128; 67Bet Eri ; 2.78; 9700;occ; 94; 0;38865
9; -510.2; 06-AUG-2009 06:11:07; Dark ; 59.5; 165; 34Gam Eri ; 2.95; 3200;occ; 119; 0;38865
10; -246.8; 06-AUG-2009 06:15:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38865
11; 51.7; 06-AUG-2009 06:20:29; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38866
12; 670.6; 06-AUG-2009 06:30:47; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;38866
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14; 1181.5; 06-AUG-2009 06:39:18; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;38866
15; 1577.3; 06-AUG-2009 06:45:54; Bright; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;38866
16; 1810.9; 06-AUG-2009 06:49:48; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;38866
17; 2544.7; 06-AUG-2009 07:02:01; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;38866
18; 2625.4; 06-AUG-2009 07:03:22; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;38866
19; 2734.9; 06-AUG-2009 07:05:12; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38866
20; 3061.1; 06-AUG-2009 07:10:38; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38866
21; 3418.3; 06-AUG-2009 07:16:35; Bright; 60.5; 74; 11Bet Cas ; 2.27; 6600;occ; 121; 0;38866
22; 3543.7; 06-AUG-2009 07:18:40; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38866
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2; 1186.0; 06-AUG-2009 20:04:10; Dark ; 60.5; 18; 24Alp PsA ; 1.17; 9700;occ; 121; 0;38874
3; 1578.2; 06-AUG-2009 20:10:42; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;38874
4; 1809.5; 06-AUG-2009 20:14:34; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;38874
5; 2541.4; 06-AUG-2009 20:26:46; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38874
6; 2623.3; 06-AUG-2009 20:28:08; Bright; 57.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 114; 0;38874
7; 2731.8; 06-AUG-2009 20:29:56; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;38874
8; 3058.0; 06-AUG-2009 20:35:22; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38874
9; 3411.9; 06-AUG-2009 20:41:16; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38874
10; 3537.7; 06-AUG-2009 20:43:22; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;38874
11; 3945.6; 06-AUG-2009 20:50:10; Bright; 72.0; 160; 23Gam Per ; 2.93; 4700;occ; 144; 0;38874
12; 4052.7; 06-AUG-2009 20:51:57; Bright; 53.5; 35; 33Alp Per ; 1.79; 6250;occ; 107; 0;38874
13; 4200.5; 06-AUG-2009 20:54:25; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;38874
14; 4310.8; 06-AUG-2009 20:56:15; Bright; 46.5; 149; 45Eps Per ; 2.89; 30000;occ; 93; 0;38874
15; 4528.6; 06-AUG-2009 20:59:53; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38874
16; 4825.7; 06-AUG-2009 21:04:50; Dark ; 70.0; 13; 87Alp Tau ; 0.87; 3800;occ; 140; 0;38874
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5; 61.2; 06-AUG-2009 21:26:01; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38875
6; 679.6; 06-AUG-2009 21:36:20; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38875
7; 898.5; 06-AUG-2009 21:39:59; Dark ; 59.5; 63; Bet Gru ; 2.15; 2800;occ; 119; 0;38875
8; 1186.8; 06-AUG-2009 21:44:47; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;38875
9; 1578.4; 06-AUG-2009 21:51:19; Bright; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;38875
10; 1809.5; 06-AUG-2009 21:55:10; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38875
11; 2541.0; 06-AUG-2009 22:07:21; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;38875
12; 2622.9; 06-AUG-2009 22:08:43; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;38875
13; 2731.5; 06-AUG-2009 22:10:32; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38875
14; 3057.6; 06-AUG-2009 22:15:58; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;38875
15; 3410.9; 06-AUG-2009 22:21:51; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38875
16; 3537.1; 06-AUG-2009 22:23:57; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38875
17; 3945.2; 06-AUG-2009 22:30:45; Bright; 52.5; 160; 23Gam Per ; 2.93; 4700;occ; 105; 0;38875
18; 4052.2; 06-AUG-2009 22:32:32; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38875
19; 4200.5; 06-AUG-2009 22:35:01; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38875
20; 4310.7; 06-AUG-2009 22:36:51; Bright; 49.5; 149; 45Eps Per ; 2.89; 30000;occ; 99; 0;38875
21; 4528.9; 06-AUG-2009 22:40:29; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;38875
22; 4826.0; 06-AUG-2009 22:45:26; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;38875
23; 4941.5; 06-AUG-2009 22:47:22; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38875
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 5; 899.0; 06-AUG-2009 23:20:35; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;38876
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 10; 2622.6; 06-AUG-2009 23:49:19; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;38876
 11; 2731.0; 06-AUG-2009 23:51:07; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;38876
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 13; 3410.1; 07-AUG-2009 00:02:26; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38876
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 15; 3944.7; 07-AUG-2009 00:11:21; Bright; 54.0; 160; 23Gam Per ; 2.93; 4700;occ; 108; 0;38876
 16; 4051.9; 07-AUG-2009 00:13:08; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38876
 17; 4200.5; 07-AUG-2009 00:15:37; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38876
 18; 4310.5; 07-AUG-2009 00:17:27; Bright; 50.0; 149; 45Eps Per ; 2.89; 30000;occ; 100; 0;38876
 19; 4529.0; 07-AUG-2009 00:21:05; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38876
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 21; 4941.9; 07-AUG-2009 00:27:58; Dark ; 44.0; 27; 24Gam Ori ; 1.64; 26000;occ; 88; 0;38876
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22; 7219.2; 06-AUG-2009 11:41:08; Dark ; 61.5; 18; 24Alp PsA ; 1.17; 9700;occ; 123; 0;38868
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6; 3059.9; 06-AUG-2009 12:12:24; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38869
7; 3415.9; 06-AUG-2009 12:18:20; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38869
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9; 3948.0; 06-AUG-2009 12:27:13; Bright; 48.0; 160; 23Gam Per ; 2.93; 4700;occ; 96; 0;38869
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12; 4311.2; 06-AUG-2009 12:33:16; Bright; 50.0; 149; 45Eps Per ; 2.89; 30000;occ; 100; 0;38869
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19; 6091.9; 06-AUG-2009 13:02:56; Dark ; 47.0; 157; The1Eri ; 2.91; 9300;occ; 94; 0;38869
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9; 4054.1; 06-AUG-2009 14:09:34; Bright; 54.0; 35; 33Alp Per ; 1.79; 6250;occ; 108; 0;38870
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13; 4823.8; 06-AUG-2009 14:22:24; Dark ; 59.5; 13; 87Alp Tau ; 0.87; 3800;occ; 119; 0;38870
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4; 2164.4; 07-AUG-2009 21:29:28; Bright; 49.5; 61; 8Eps Peg ; 2.10; 3900;occ; 99; 0;38889
5; 2535.7; 07-AUG-2009 21:35:39; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38889

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 5; 2728.9; 07-AUG-2009 09:54:41; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;38882
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 7; 3405.4; 07-AUG-2009 10:05:57; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;38882
 8; 3532.0; 07-AUG-2009 10:08:04; Bright; 72.0; 76; 27Gam Cas ; 2.30; 30000;occ; 144; 0;38882
 9; 3942.2; 07-AUG-2009 10:14:54; Bright; 53.0; 160; 23Gam Per ; 2.93; 4700;occ; 106; 0;38882
 10; 4049.9; 07-AUG-2009 10:16:42; Bright; 53.0; 35; 33Alp Per ; 1.79; 6250;occ; 106; 0;38882
 11; 4200.4; 07-AUG-2009 10:19:12; Bright; 46.5; 6; 13Alp Aur ; 0.08; 3400;occ; 93; 0;38882
 12; 4310.1; 07-AUG-2009 10:21:02; Bright; 55.5; 149; 45Eps Per ; 2.89; 30000;occ; 111; 0;38882
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 6; 3054.9; 07-AUG-2009 11:40:42; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38883
 7; 3404.6; 07-AUG-2009 11:46:32; Bright; 51.0; 74; 11Bet Cas ; 2.27; 6600;occ; 102; 0;38883
 8; 3531.3; 07-AUG-2009 11:48:39; Bright; 72.0; 76; 27Gam Cas ; 2.30; 30000;occ; 144; 0;38883
 9; 3941.6; 07-AUG-2009 11:55:29; Bright; 73.0; 160; 23Gam Per ; 2.93; 4700;occ; 146; 0;38883
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 12; 4310.0; 07-AUG-2009 12:01:38; Bright; 53.0; 149; 45Eps Per ; 2.89; 30000;occ; 106; 0;38883
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 4; 2537.7; 07-AUG-2009 13:12:41; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38884
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 3; 1808.3; 07-AUG-2009 16:21:44; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;38886
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 5; 2537.2; 07-AUG-2009 16:33:52; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38886
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11; 3940.5; 07-AUG-2009 16:57:16; Bright; 49.0; 160; 23Gam Per ; 2.93; 4700;occ; 98; 0;38886
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18; 4947.3; 07-AUG-2009 20:35:15; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;38888
19; 5222.4; 07-AUG-2009 20:39:50; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;38888
20; 5807.6; 07-AUG-2009 20:49:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38888
21; 6112.1; 07-AUG-2009 20:54:39; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;38888
22; 6729.4; 07-AUG-2009 21:04:57; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;38888
23; 6942.3; 07-AUG-2009 21:08:30; Dark ; 57.0; 63; Bet Gru ; 2.15; 2800;occ; 114; 0;38888
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3; 695.4; 08-AUG-2009 00:26:10; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38891
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5; 1195.7; 08-AUG-2009 00:34:31; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38891
6; 1579.6; 08-AUG-2009 00:40:54; Bright; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;38891
7; 1807.7; 08-AUG-2009 00:44:43; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38891
8; 2163.3; 08-AUG-2009 00:50:38; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38891
9; 2535.1; 08-AUG-2009 00:56:50; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38891
10; 2618.9; 08-AUG-2009 00:58:14; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;38891
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12; 3052.0; 08-AUG-2009 01:05:27; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38891
13; 3398.0; 08-AUG-2009 01:11:13; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38891
14; 3525.4; 08-AUG-2009 01:13:20; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38891
15; 3937.8; 08-AUG-2009 01:20:13; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38891
16; 4046.4; 08-AUG-2009 01:22:01; Bright; 50.5; 35; 33Alp Per ; 1.79; 6250;occ; 101; 0;38891
17; 4200.1; 08-AUG-2009 01:24:35; Bright; 45.5; 6; 13Alp Aur ; 0.08; 3400;occ; 91; 0;38891
18; 4309.0; 08-AUG-2009 01:26:24; Bright; 52.5; 149; 45Eps Per ; 2.89; 30000;occ; 105; 0;38891
19; 4531.5; 08-AUG-2009 01:30:06; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;38891
20; 4662.5; 08-AUG-2009 01:32:17; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38891
21; 4834.0; 08-AUG-2009 01:35:09; Dark ; 60.0; 13; 87Alp Tau ; 0.87; 3800;occ; 120; 0;38891
22; 4948.5; 08-AUG-2009 01:37:03; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38891
23; 5224.2; 08-AUG-2009 01:41:39; Dark ; 31.5; 7; 19Bet Ori ; 0.10; 14000;occ; 63; 0;38891

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 3; 79.4; 08-AUG-2009 01:56:30; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;38892
 4; 696.4; 08-AUG-2009 02:06:47; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;38892
 5; 907.8; 08-AUG-2009 02:10:19; Dark ; 50.0; 63; Bet Gru ; 2.15; 2800;occ; 100; 0;38892
 6; 1196.2; 08-AUG-2009 02:15:07; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;38892
 7; 1579.9; 08-AUG-2009 02:21:31; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;38892
 8; 1807.5; 08-AUG-2009 02:25:18; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;38892
 9; 2162.7; 08-AUG-2009 02:31:13; Bright; 52.5; 61; 8Eps Peg ; 2.10; 3900;occ; 105; 0;38892
 10; 2534.7; 08-AUG-2009 02:37:25; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38892
 11; 2618.5; 08-AUG-2009 02:38:49; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;38892
 12; 2725.5; 08-AUG-2009 02:40:36; Bright; 37.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 74; 0;38892
 13; 3051.6; 08-AUG-2009 02:46:02; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38892
 14; 3397.0; 08-AUG-2009 02:51:48; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38892
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 2;-1989.8; 08-AUG-2009 03:02:37; Bright; 54.5; 35; 33Alp Per ; 1.79; 6250;occ; 109; 0;38892
 3;-1835.8; 08-AUG-2009 03:05:11; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38892
 4;-1726.8; 08-AUG-2009 03:07:00; Bright; 54.0; 149; 45Eps Per ; 2.89; 30000;occ; 108; 0;38892
 5;-1504.0; 08-AUG-2009 03:10:43; Dark ; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;38892
 6;-1372.9; 08-AUG-2009 03:12:54; Dark ; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;38892
 7;-1201.2; 08-AUG-2009 03:15:45; Dark ; 61.5; 13; 87Alp Tau ; 0.87; 3800;occ; 123; 0;38892
 8;-1086.9; 08-AUG-2009 03:17:40; Dark ; 41.5; 27; 24Gam Ori ; 1.64; 26000;occ; 83; 0;38892
 9; -811.1; 08-AUG-2009 03:22:16; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;38892
 10; -225.0; 08-AUG-2009 03:32:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38892
 11; 80.7; 08-AUG-2009 03:37:07; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38893
 12; 697.5; 08-AUG-2009 03:47:24; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38893
 13; 908.4; 08-AUG-2009 03:50:55; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;38893
 14; 1197.0; 08-AUG-2009 03:55:44; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;38893
 15; 1580.1; 08-AUG-2009 04:02:07; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38893
 16; 1807.6; 08-AUG-2009 04:05:54; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;38893
 17; 2162.2; 08-AUG-2009 04:11:49; Bright; 53.5; 61; 8Eps Peg ; 2.10; 3900;occ; 107; 0;38893
 18; 2534.5; 08-AUG-2009 04:18:01; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38893
 19; 2618.5; 08-AUG-2009 04:19:25; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;38893
 20; 2725.3; 08-AUG-2009 04:21:12; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38893
 21; 3051.5; 08-AUG-2009 04:26:38; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38893
 22; 3396.4; 08-AUG-2009 04:32:23; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38893
 23; 3524.0; 08-AUG-2009 04:34:31; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38893

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 3;-1835.8; 08-AUG-2009 04:45:47; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;38893
 4;-1727.0; 08-AUG-2009 04:47:36; Bright; 53.5; 149; 45Eps Per ; 2.89; 30000;occ; 107; 0;38893
 5;-1503.7; 08-AUG-2009 04:51:19; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;38893
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 7;-1200.6; 08-AUG-2009 04:56:22; Dark ; 71.0; 13; 87Alp Tau ; 0.87; 3800;occ; 142; 0;38893
 8;-1086.6; 08-AUG-2009 04:58:16; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;38893
 9; -810.6; 08-AUG-2009 05:02:52; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;38893
 10; -224.2; 08-AUG-2009 05:12:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38893
 11; 81.7; 08-AUG-2009 05:17:44; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38894
 12; 698.3; 08-AUG-2009 05:28:01; Dark ; 61.0; 84; Alp Phe ; 2.40; 4500;occ; 122; 0;38894
 13; 908.9; 08-AUG-2009 05:31:32; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;38894
 14; 1197.6; 08-AUG-2009 05:36:20; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38894
 15; 1580.1; 08-AUG-2009 05:42:43; Bright; 66.0; 142; 49Del Cap ; 2.85; 8900;occ; 132; 0;38894
 16; 1807.6; 08-AUG-2009 05:46:30; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;38894
 17; 2161.7; 08-AUG-2009 05:52:24; Bright; 69.0; 61; 8Eps Peg ; 2.10; 3900;occ; 138; 0;38894
 18; 2534.0; 08-AUG-2009 05:58:37; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;38894
 19; 2618.0; 08-AUG-2009 06:00:01; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;38894
 20; 2724.8; 08-AUG-2009 06:01:48; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;38894
 21; 3051.0; 08-AUG-2009 06:07:14; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38894
 22; 3395.7; 08-AUG-2009 06:12:58; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38894
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 2; 1580.9; 08-AUG-2009 20:48:07; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;38903
 3; 1806.4; 08-AUG-2009 20:51:53; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;38903


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4; 2156.9; 08-AUG-2009 20:57:43; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38903
5; 2531.1; 08-AUG-2009 21:03:57; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;38903
6; 2721.9; 08-AUG-2009 21:07:08; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;38903
7; 3047.8; 08-AUG-2009 21:12:34; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;38903
8; 3388.1; 08-AUG-2009 21:18:14; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38903
9; 3516.7; 08-AUG-2009 21:20:23; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38903
10; 3932.3; 08-AUG-2009 21:27:18; Bright; 74.0; 160; 23Gam Per ; 2.93; 4700;occ; 148; 0;38903
11; 4041.9; 08-AUG-2009 21:29:08; Bright; 56.5; 35; 33Alp Per ; 1.79; 6250;occ; 113; 0;38903
12; 4199.8; 08-AUG-2009 21:31:46; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;38903
13; 4308.0; 08-AUG-2009 21:33:34; Bright; 57.5; 149; 45Eps Per ; 2.89; 30000;occ; 115; 0;38903
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15; 4665.7; 08-AUG-2009 21:39:32; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38903
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5; 707.9; 08-AUG-2009 22:14:10; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38904
6; 914.1; 08-AUG-2009 22:17:36; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;38904
7; 1202.9; 08-AUG-2009 22:22:25; Dark ; 57.0; 18; 24Alp PsA ; 1.17; 9700;occ; 114; 0;38904
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9; 1806.3; 08-AUG-2009 22:32:28; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38904
10; 2156.4; 08-AUG-2009 22:38:18; Bright; 52.0; 61; 8Eps Peg ; 2.10; 3900;occ; 104; 0;38904
11; 2530.5; 08-AUG-2009 22:44:33; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;38904
12; 2721.6; 08-AUG-2009 22:47:44; Bright; 57.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 114; 0;38904
13; 3047.5; 08-AUG-2009 22:53:10; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38904
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16; 3931.8; 08-AUG-2009 23:07:54; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;38904
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19; 4308.0; 08-AUG-2009 23:14:10; Bright; 52.0; 149; 45Eps Per ; 2.89; 30000;occ; 104; 0;38904
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21; 4665.8; 08-AUG-2009 23:20:08; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38904
22; 4840.9; 08-AUG-2009 23:23:03; Dark ; 62.5; 13; 87Alp Tau ; 0.87; 3800;occ; 125; 0;38904
23; 4954.2; 08-AUG-2009 23:24:56; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;38904
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4; 94.0; 08-AUG-2009 23:44:32; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38905
5; 708.8; 08-AUG-2009 23:54:47; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38905
6; 914.8; 08-AUG-2009 23:58:13; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;38905
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9; 1806.2; 09-AUG-2009 00:13:04; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38905
10; 2155.9; 09-AUG-2009 00:18:54; Bright; 51.5; 61; 8Eps Peg ; 2.10; 3900;occ; 103; 0;38905
11; 2530.6; 09-AUG-2009 00:25:09; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;38905
12; 2721.5; 09-AUG-2009 00:28:19; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38905
13; 3047.1; 09-AUG-2009 00:33:45; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38905
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22; 4841.4; 09-AUG-2009 01:03:39; Dark ; 73.0; 13; 87Alp Tau ; 0.87; 3800;occ; 146; 0;38905
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23; 5068.4; 10-AUG-2009 00:35:49; Dark ; 44.5; 72; 34Del Ori ; 2.25; 30000;occ; 89; 0;38919
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 9; 3498.3; 10-AUG-2009 15:15:03; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38928
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12; 4198.9; 10-AUG-2009 15:26:43; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38928
13; 4305.5; 10-AUG-2009 15:28:30; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;38928
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23; 6767.5; 10-AUG-2009 16:09:32; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;38928
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 5; 2144.2; 10-AUG-2009 16:33:04; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38929
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 7; 2714.0; 10-AUG-2009 16:42:34; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;38929
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 9; 3367.4; 10-AUG-2009 16:53:28; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38929
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11; 3919.5; 10-AUG-2009 17:02:40; Bright; 75.0; 160; 23Gam Per ; 2.93; 4700;occ; 150; 0;38929
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 4; 1946.3; 10-AUG-2009 16:29:46; Bright; 25.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 50; 0;38929
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 6; 2522.5; 10-AUG-2009 16:39:23; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38929
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 13; 4198.8; 10-AUG-2009 17:07:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;38929
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 19; 5073.5; 10-AUG-2009 17:21:54; Dark ; 45.0; 72; 34Del Ori ; 2.25; 30000;occ; 90; 0;38929
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 3; 1804.0; 10-AUG-2009 18:08:00; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38930
 4; 1945.9; 10-AUG-2009 18:10:22; Bright; 31.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 62; 0;38930
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 7; 1803.6; 11-AUG-2009 00:50:23; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38934
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10; 1944.0; 11-AUG-2009 02:33:20; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;38935
11; 2141.1; 11-AUG-2009 02:36:37; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;38935
12; 2520.6; 11-AUG-2009 02:42:56; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38935
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16; 3492.8; 11-AUG-2009 02:59:08; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38935
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13; 738.1; 11-AUG-2009 03:53:50; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;38936
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16; 1803.6; 11-AUG-2009 04:11:35; Bright; 45.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 90; 0;38936
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19; 2520.3; 11-AUG-2009 04:23:32; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38936
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22; 3361.8; 11-AUG-2009 04:37:33; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38936
23; 3492.3; 11-AUG-2009 04:39:44; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38936
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3; -1837.6; 11-AUG-2009 04:51:30; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;38936
4; -1496.2; 11-AUG-2009 04:57:11; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38936
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6; -1177.3; 11-AUG-2009 05:02:30; Dark ; 70.5; 13; 87Alp Tau ; 0.87; 3800;occ; 141; 0;38936
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9; -783.8; 11-AUG-2009 05:09:04; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;38936
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11; -187.4; 11-AUG-2009 05:19:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38936
12; 129.0; 11-AUG-2009 05:24:17; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;38937
13; 738.9; 11-AUG-2009 05:34:26; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;38937
14; 1220.0; 11-AUG-2009 05:42:28; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;38937
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17; 1943.4; 11-AUG-2009 05:54:31; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38937
18; 2140.3; 11-AUG-2009 05:57:48; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38937
19; 2520.3; 11-AUG-2009 06:04:08; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38937
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22; 3361.1; 11-AUG-2009 06:18:09; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38937
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2; 1585.4; 11-AUG-2009 20:53:56; Bright; 54.0; 142; 49Del Cap ; 2.85; 8900;occ; 108; 0;38946
3; 1802.7; 11-AUG-2009 20:57:34; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38946

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5; 2136.5; 11-AUG-2009 21:03:08; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;38946
6; 2517.3; 11-AUG-2009 21:09:28; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38946
7; 2709.2; 11-AUG-2009 21:12:40; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38946
8; 3033.8; 11-AUG-2009 21:18:05; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38946
9; 3353.7; 11-AUG-2009 21:23:25; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38946
10; 3484.7; 11-AUG-2009 21:25:36; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38946
11; 3910.7; 11-AUG-2009 21:32:42; Bright; 59.5; 160; 23Gam Per ; 2.93; 4700;occ; 119; 0;38946
12; 4024.1; 11-AUG-2009 21:34:35; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38946
13; 4098.3; 11-AUG-2009 21:35:49; Bright; 50.0; 175; 39Del Per ; 3.01; 19400;occ; 100; 0;38946
14; 4541.6; 11-AUG-2009 21:43:13; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38946
15; 4677.2; 11-AUG-2009 21:45:28; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38946
16; 4864.4; 11-AUG-2009 21:48:35; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;38946
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18; 5089.9; 11-AUG-2009 21:52:21; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38946
19; 5173.2; 11-AUG-2009 21:53:44; Dark ; 43.5; 125; 44Iot Ori ; 2.77; 30000;occ; 87; 0;38946
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4; 140.4; 11-AUG-2009 22:10:27; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;38947
5; 748.0; 11-AUG-2009 22:20:35; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;38947
6; 1224.8; 11-AUG-2009 22:28:32; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38947
7; 1585.3; 11-AUG-2009 22:34:32; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;38947
8; 1802.8; 11-AUG-2009 22:38:10; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;38947
9; 1939.9; 11-AUG-2009 22:40:27; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38947
10; 2136.3; 11-AUG-2009 22:43:43; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;38947
11; 2517.3; 11-AUG-2009 22:50:04; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38947
12; 2709.1; 11-AUG-2009 22:53:16; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38947
13; 3033.5; 11-AUG-2009 22:58:40; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38947
14; 3353.0; 11-AUG-2009 23:04:00; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38947
15; 3483.9; 11-AUG-2009 23:06:11; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38947
16; 3910.2; 11-AUG-2009 23:13:17; Bright; 53.0; 160; 23Gam Per ; 2.93; 4700;occ; 106; 0;38947
17; 4023.6; 11-AUG-2009 23:15:11; Bright; 42.0; 35; 33Alp Per ; 1.79; 6250;occ; 84; 0;38947
18; 4098.0; 11-AUG-2009 23:16:25; Bright; 64.0; 175; 39Del Per ; 3.01; 19400;occ; 128; 0;38947
19; 4541.8; 11-AUG-2009 23:23:49; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;38947
20; 4677.4; 11-AUG-2009 23:26:04; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38947
21; 4864.9; 11-AUG-2009 23:29:12; Dark ; 74.5; 13; 87Alp Tau ; 0.87; 3800;occ; 149; 0;38947
22; 4974.7; 11-AUG-2009 23:31:02; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;38947
23; 5090.4; 11-AUG-2009 23:32:57; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;38947
24; 5173.7; 11-AUG-2009 23:34:21; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38947
25; 5259.4; 11-AUG-2009 23:35:46; Dark ; 61.0; 7; 19Bet Ori ; 0.10; 14000;occ; 122; 0;38947

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2; -177.6; 11-AUG-2009 23:45:45; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38947
3; 141.4; 11-AUG-2009 23:51:04; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38948
4; 748.8; 12-AUG-2009 00:01:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;38948
5; 1225.3; 12-AUG-2009 00:09:08; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38948
6; 1585.7; 12-AUG-2009 00:15:09; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38948
7; 1802.4; 12-AUG-2009 00:18:45; Bright; 59.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 119; 0;38948
8; 1939.6; 12-AUG-2009 00:21:02; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38948
9; 2135.7; 12-AUG-2009 00:24:18; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38948
10; 2516.8; 12-AUG-2009 00:30:40; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38948
11; 2708.9; 12-AUG-2009 00:33:52; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;38948
12; 3033.3; 12-AUG-2009 00:39:16; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38948
13; 3352.1; 12-AUG-2009 00:44:35; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38948
14; 3483.2; 12-AUG-2009 00:46:46; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38948
15; 3909.6; 12-AUG-2009 00:53:52; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38948
16; 4023.4; 12-AUG-2009 00:55:46; Bright; 38.0; 35; 33Alp Per ; 1.79; 6250;occ; 76; 0;38948
17; 4097.8; 12-AUG-2009 00:57:01; Bright; 75.0; 175; 39Del Per ; 3.01; 19400;occ; 150; 0;38948
18; 4542.0; 12-AUG-2009 01:04:25; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;38948
19; 4677.7; 12-AUG-2009 01:06:40; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38948
20; 4865.5; 12-AUG-2009 01:09:48; Dark ; 78.0; 13; 87Alp Tau ; 0.87; 3800;occ; 156; 0;38948
21; 4975.2; 12-AUG-2009 01:11:38; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38948
22; 5091.0; 12-AUG-2009 01:13:34; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38948
23; 5174.4; 12-AUG-2009 01:14:57; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;38948
24; 5260.0; 12-AUG-2009 01:16:23; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;38948

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 3; -1837.6; 11-AUG-2009 06:32:06; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;38937
 4; -1496.0; 11-AUG-2009 06:37:48; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38937
 5; -1361.3; 11-AUG-2009 06:40:02; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;38937
 6; -1176.7; 11-AUG-2009 06:43:07; Dark ; 69.0; 13; 87Alp Tau ; 0.87; 3800;occ; 138; 0;38937
 7; -1066.2; 11-AUG-2009 06:44:57; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;38937
 8; -950.5; 11-AUG-2009 06:46:53; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;38937
 9; -783.2; 11-AUG-2009 06:49:40; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;38937
 10; -417.6; 11-AUG-2009 06:55:46; Dark ; 68.5; 165; 34Gam Eri ; 2.95; 3200;occ; 137; 0;38937
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 12; 130.0; 11-AUG-2009 07:04:54; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38938
 13; 740.0; 11-AUG-2009 07:15:04; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;38938
 14; 1220.4; 11-AUG-2009 07:23:04; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;38938
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 3; 2140.2; 11-AUG-2009 07:38:24; Bright; 49.5; 61; 8Eps Peg ; 2.10; 3900;occ; 99; 0;38938
 4; 2519.7; 11-AUG-2009 07:44:43; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38938
 5; 2711.6; 11-AUG-2009 07:47:55; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38938
 6; 3036.3; 11-AUG-2009 07:53:20; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38938
 7; 3360.2; 11-AUG-2009 07:58:44; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38938
 8; 3490.8; 11-AUG-2009 08:00:54; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;38938
 9; 3914.8; 11-AUG-2009 08:07:58; Bright; 50.0; 160; 23Gam Per ; 2.93; 4700;occ; 100; 0;38938
 10; 4027.7; 11-AUG-2009 08:09:51; Bright; 55.5; 35; 33Alp Per ; 1.79; 6250;occ; 111; 0;38938
 11; 4198.4; 11-AUG-2009 08:12:42; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;38938
 12; 4540.2; 11-AUG-2009 08:18:24; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;38938
 13; 4675.0; 11-AUG-2009 08:20:39; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38938
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 15; 4970.1; 11-AUG-2009 08:25:34; Dark ; 42.5; 27; 24Gam Ori ; 1.64; 26000;occ; 85; 0;38938
 16; 5086.0; 11-AUG-2009 08:27:30; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;38938
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 18; 5619.8; 11-AUG-2009 08:36:23; Dark ; 62.5; 165; 34Gam Eri ; 2.95; 3200;occ; 125; 0;38938
 19; 5850.3; 11-AUG-2009 08:40:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38938
 20; 6167.2; 11-AUG-2009 08:45:31; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38938
 21; 6776.7; 11-AUG-2009 08:55:40; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;38938
 22; 7256.7; 11-AUG-2009 09:03:40; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;38938
 23; 7620.5; 11-AUG-2009 09:09:44; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;38938

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 4; 2519.4; 11-AUG-2009 09:25:19; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;38939
 5; 2711.1; 11-AUG-2009 09:28:31; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;38939
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 7; 3359.3; 11-AUG-2009 09:39:19; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;38939
 8; 3490.0; 11-AUG-2009 09:41:29; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;38939
 9; 3914.5; 11-AUG-2009 09:48:34; Bright; 51.0; 160; 23Gam Per ; 2.93; 4700;occ; 102; 0;38939
 10; 4027.4; 11-AUG-2009 09:50:27; Bright; 58.0; 35; 33Alp Per ; 1.79; 6250;occ; 116; 0;38939
 11; 4198.3; 11-AUG-2009 09:53:18; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;38939
 12; 4540.3; 11-AUG-2009 09:59:00; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38939
 13; 4675.3; 11-AUG-2009 10:01:15; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38939
 14; 4860.3; 11-AUG-2009 10:04:20; Dark ; 66.5; 13; 87Alp Tau ; 0.87; 3800;occ; 133; 0;38939
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 22; 7257.3; 11-AUG-2009 10:44:17; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38939
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13; 4675.9; 11-AUG-2009 13:22:27; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38941
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12; 4099.7; 11-AUG-2009 16:34:03; Bright; 48.5; 175; 39Del Per ; 3.01; 19400;occ; 97; 0;38943
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14; 4676.4; 11-AUG-2009 16:43:40; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;38943
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 10; 2516.6; 12-AUG-2009 02:11:15; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;38949
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 4; -1493.8; 12-AUG-2009 02:45:01; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;38949
 5; -1357.9; 12-AUG-2009 02:47:17; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38949
 6; -1169.6; 12-AUG-2009 02:50:25; Dark ; 75.5; 13; 87Alp Tau ; 0.87; 3800;occ; 151; 0;38949
 7; -1060.1; 12-AUG-2009 02:52:14; Dark ; 47.5; 27; 24Gam Ori ; 1.64; 26000;occ; 95; 0;38949
 8; -944.2; 12-AUG-2009 02:54:10; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;38949
 9; -861.0; 12-AUG-2009 02:55:34; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;38949
 10; -775.1; 12-AUG-2009 02:56:59; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;38949
 11; -400.2; 12-AUG-2009 03:03:14; Dark ; 62.0; 165; 34Gam Eri ; 2.95; 3200;occ; 124; 0;38949
 12; -175.8; 12-AUG-2009 03:06:59; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38949
 13; 143.9; 12-AUG-2009 03:12:18; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;38950
 14; 750.8; 12-AUG-2009 03:22:25; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38950
 15; 1226.3; 12-AUG-2009 03:30:21; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38950
 16; 1586.0; 12-AUG-2009 03:36:21; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38950
 17; 1802.6; 12-AUG-2009 03:39:57; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38950
 18; 1939.0; 12-AUG-2009 03:42:14; Bright; 74.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 148; 0;38950
 19; 2135.0; 12-AUG-2009 03:45:30; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;38950
 20; 2516.4; 12-AUG-2009 03:51:51; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;38950
 21; 2708.4; 12-AUG-2009 03:55:03; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;38950
 22; 3032.6; 12-AUG-2009 04:00:27; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;38950
 23; 3350.7; 12-AUG-2009 04:05:45; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;38950
 24; 3481.8; 12-AUG-2009 04:07:56; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;38950

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1; -2127.3; 12-AUG-2009 04:15:03; Bright; 54.5; 160; 23Gam Per ; 2.93; 4700;occ; 109; 0;38950
 2; -2013.4; 12-AUG-2009 04:16:57; Bright; 33.0; 35; 33Alp Per ; 1.79; 6250;occ; 66; 0;38950
 3; -1938.7; 12-AUG-2009 04:18:12; Bright; 76.0; 175; 39Del Per ; 3.01; 19400;occ; 152; 0;38950
 4; -1493.6; 12-AUG-2009 04:25:37; Dark ; 46.0; 28; 12Bet Tau ; 1.65; 15200;occ; 92; 0;38950
 5; -1357.6; 12-AUG-2009 04:27:53; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38950
 6; -1168.9; 12-AUG-2009 04:31:02; Dark ; 68.0; 13; 87Alp Tau ; 0.87; 3800;occ; 136; 0;38950
 7; -1059.7; 12-AUG-2009 04:32:51; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;38950
 8; -943.7; 12-AUG-2009 04:34:47; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;38950
 9; -860.4; 12-AUG-2009 04:36:10; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38950
 10; -774.4; 12-AUG-2009 04:37:36; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;38950
 11; -398.7; 12-AUG-2009 04:43:52; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;38950
 12; -174.9; 12-AUG-2009 04:47:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38950
 13; 145.0; 12-AUG-2009 04:52:56; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;38951
 14; 751.7; 12-AUG-2009 05:03:02; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38951
 15; 1226.6; 12-AUG-2009 05:10:57; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;38951
 16; 1585.9; 12-AUG-2009 05:16:56; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38951
 17; 1802.5; 12-AUG-2009 05:20:33; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;38951
 18; 1938.7; 12-AUG-2009 05:22:49; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38951
 19; 2134.5; 12-AUG-2009 05:26:05; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;38951
 20; 2516.2; 12-AUG-2009 05:32:27; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;38951
 21; 2708.2; 12-AUG-2009 05:35:39; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38951
 22; 3032.4; 12-AUG-2009 05:41:03; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38951
 23; 3349.8; 12-AUG-2009 05:46:20; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38951
 24; 3481.0; 12-AUG-2009 05:48:32; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38951

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 2; -2013.9; 12-AUG-2009 05:57:33; Bright; 33.0; 35; 33Alp Per ; 1.79; 6250;occ; 66; 0;38951

3; -1939.1; 12-AUG-2009 05:58:47; Bright; 56.5; 175; 39Del Per ; 3.01; 19400;occ; 113; 0;38951
4; -1493.4; 12-AUG-2009 06:06:13; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;38951
5; -1357.4; 12-AUG-2009 06:08:29; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38951
6; -1168.3; 12-AUG-2009 06:11:38; Dark ; 78.0; 13; 87Alp Tau ; 0.87; 3800;occ; 156; 0;38951
7; -1059.2; 12-AUG-2009 06:13:27; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38951
8; -943.2; 12-AUG-2009 06:15:23; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38951
9; -859.9; 12-AUG-2009 06:16:47; Dark ; 43.5; 125; 44Iot Ori ; 2.77; 30000;occ; 87; 0;38951
10; -773.7; 12-AUG-2009 06:18:13; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;38951
11; -397.2; 12-AUG-2009 06:24:29; Dark ; 55.0; 165; 34Gam Eri ; 2.95; 3200;occ; 110; 0;38951
12; -174.0; 12-AUG-2009 06:28:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38951
13; 146.1; 12-AUG-2009 06:33:33; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38952
14; 752.7; 12-AUG-2009 06:43:39; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;38952
15; 1227.2; 12-AUG-2009 06:51:34; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;38952
16; 1586.1; 12-AUG-2009 06:57:33; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38952
17; 1802.5; 12-AUG-2009 07:01:09; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;38952
18; 1938.3; 12-AUG-2009 07:03:25; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38952
19; 2134.1; 12-AUG-2009 07:06:41; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38952
20; 2515.8; 12-AUG-2009 07:13:02; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;38952
21; 2707.8; 12-AUG-2009 07:16:14; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;38952
22; 3032.0; 12-AUG-2009 07:21:39; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38952
23; 3349.0; 12-AUG-2009 07:26:56; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;38952
24; 3480.3; 12-AUG-2009 07:29:07; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;38952

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1; 1230.9; 12-AUG-2009 20:16:25; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;38960
2; 1587.0; 12-AUG-2009 20:22:21; Bright; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;38960
3; 1802.0; 12-AUG-2009 20:25:56; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38960
4; 1935.7; 12-AUG-2009 20:28:10; Bright; 50.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 100; 0;38960
5; 2130.9; 12-AUG-2009 20:31:25; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;38960
6; 2513.8; 12-AUG-2009 20:37:48; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;38960
7; 3029.5; 12-AUG-2009 20:46:24; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38960
8; 3342.5; 12-AUG-2009 20:51:36; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38960
9; 3474.2; 12-AUG-2009 20:53:48; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;38960
10; 3903.1; 12-AUG-2009 21:00:57; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;38960
11; 4093.6; 12-AUG-2009 21:04:08; Bright; 47.5; 175; 39Del Per ; 3.01; 19400;occ; 95; 0;38960
12; 4197.0; 12-AUG-2009 21:05:51; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;38960
13; 4544.2; 12-AUG-2009 21:11:38; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;38960
14; 4681.2; 12-AUG-2009 21:13:55; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38960
15; 4873.1; 12-AUG-2009 21:17:07; Dark ; 76.5; 13; 87Alp Tau ; 0.87; 3800;occ; 153; 0;38960
16; 4981.3; 12-AUG-2009 21:18:55; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;38960
17; 5097.3; 12-AUG-2009 21:20:51; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;38960
18; 5181.2; 12-AUG-2009 21:22:15; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;38960
19; 5268.2; 12-AUG-2009 21:23:42; Dark ; 47.0; 7; 19Bet Ori ; 0.10; 14000;occ; 94; 0;38960

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1; -767.6; 12-AUG-2009 21:23:42; Dark ; 57.5; 7; 19Bet Ori ; 0.10; 14000;occ; 115; 0;38960
2; -165.8; 12-AUG-2009 21:33:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38960
3; 156.3; 12-AUG-2009 21:39:06; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;38961
4; 760.6; 12-AUG-2009 21:49:10; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;38961
5; 1231.7; 12-AUG-2009 21:57:02; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38961
6; 1587.1; 12-AUG-2009 22:02:57; Bright; 62.0; 142; 49Del Cap ; 2.85; 8900;occ; 124; 0;38961
7; 1802.1; 12-AUG-2009 22:06:32; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38961
8; 1935.6; 12-AUG-2009 22:08:45; Bright; 51.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 102; 0;38961
9; 2130.4; 12-AUG-2009 22:12:00; Bright; 68.0; 61; 8Eps Peg ; 2.10; 3900;occ; 136; 0;38961
10; 2513.4; 12-AUG-2009 22:18:23; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38961
11; 3029.2; 12-AUG-2009 22:26:59; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;38961
12; 3341.9; 12-AUG-2009 22:32:12; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;38961
13; 3473.5; 12-AUG-2009 22:34:23; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;38961
14; 3902.5; 12-AUG-2009 22:41:32; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;38961
15; 4093.2; 12-AUG-2009 22:44:43; Bright; 51.5; 175; 39Del Per ; 3.01; 19400;occ; 103; 0;38961
16; 4196.8; 12-AUG-2009 22:46:27; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;38961
17; 4544.4; 12-AUG-2009 22:52:14; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38961
18; 4681.3; 12-AUG-2009 22:54:31; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38961
19; 4873.6; 12-AUG-2009 22:57:44; Dark ; 72.5; 13; 87Alp Tau ; 0.87; 3800;occ; 145; 0;38961
20; 4981.8; 12-AUG-2009 22:59:32; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;38961
21; 5097.9; 12-AUG-2009 23:01:28; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;38961
22; 5181.6; 12-AUG-2009 23:02:52; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38961
23; 5269.0; 12-AUG-2009 23:04:19; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;38961

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1; -766.9; 12-AUG-2009 23:04:19; Dark ; 63.0; 7; 19Bet Ori ; 0.10; 14000;occ; 126; 0;38961

2; -164.9; 12-AUG-2009 23:14:21; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;38961
3; 157.6; 12-AUG-2009 23:19:43; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38962
4; 761.6; 12-AUG-2009 23:29:47; Dark ; 62.0; 84; Alp Phe ; 2.40; 4500;occ; 124; 0;38962
5; 1231.7; 12-AUG-2009 23:37:37; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;38962
6; 1587.2; 12-AUG-2009 23:43:33; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38962
7; 1801.9; 12-AUG-2009 23:47:08; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;38962
8; 1935.1; 12-AUG-2009 23:49:21; Bright; 50.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 101; 0;38962
9; 2129.9; 12-AUG-2009 23:52:36; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38962
10; 2513.1; 12-AUG-2009 23:58:59; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;38962
11; 3029.0; 13-AUG-2009 00:07:35; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38962
12; 3340.9; 13-AUG-2009 00:12:47; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;38962
13; 3472.8; 13-AUG-2009 00:14:59; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38962
14; 3902.0; 13-AUG-2009 00:22:08; Bright; 51.5; 160; 23Gam Per ; 2.93; 4700;occ; 103; 0;38962
15; 4092.7; 13-AUG-2009 00:25:18; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38962
16; 4196.7; 13-AUG-2009 00:27:02; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;38962
17; 4544.7; 13-AUG-2009 00:32:50; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;38962
18; 4681.7; 13-AUG-2009 00:35:07; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38962
19; 4874.3; 13-AUG-2009 00:38:20; Dark ; 79.0; 13; 87Alp Tau ; 0.87; 3800;occ; 158; 0;38962
20; 4982.3; 13-AUG-2009 00:40:08; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;38962
21; 5098.4; 13-AUG-2009 00:42:04; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;38962
22; 5182.1; 13-AUG-2009 00:43:28; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38962
23; 5269.7; 13-AUG-2009 00:44:55; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;38962

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2;-2014.2; 12-AUG-2009 07:38:08; Bright; 29.0; 35; 33Alp Per ; 1.79; 6250;occ; 58; 0;38952
3;-1939.4; 12-AUG-2009 07:39:23; Bright; 76.0; 175; 39Del Per ; 3.01; 19400;occ; 152; 0;38952
4;-1493.2; 12-AUG-2009 07:46:49; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;38952
5;-1357.0; 12-AUG-2009 07:49:05; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38952
6;-1167.7; 12-AUG-2009 07:52:15; Dark ; 65.5; 13; 87Alp Tau ; 0.87; 3800;occ; 131; 0;38952
7;-1058.7; 12-AUG-2009 07:54:04; Dark ; 44.0; 27; 24Gam Ori ; 1.64; 26000;occ; 88; 0;38952
8; -942.7; 12-AUG-2009 07:56:00; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;38952
9; -859.2; 12-AUG-2009 07:57:23; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;38952
10; -773.0; 12-AUG-2009 07:58:49; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;38952
11; -395.7; 12-AUG-2009 08:05:07; Dark ; 49.0; 165; 34Gam Eri ; 2.95; 3200;occ; 98; 0;38952
12; -173.1; 12-AUG-2009 08:08:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;38952
13; 147.3; 12-AUG-2009 08:14:10; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;38953
14; 753.5; 12-AUG-2009 08:24:16; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;38953
15; 1227.7; 12-AUG-2009 08:32:10; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;38953
16; 1586.1; 12-AUG-2009 08:38:09; Bright; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;38953

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2; 1937.9; 12-AUG-2009 08:44:00; Bright; 51.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 103; 0;38953
3; 2133.6; 12-AUG-2009 08:47:16; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38953
4; 2515.6; 12-AUG-2009 08:53:38; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;38953
5; 2707.6; 12-AUG-2009 08:56:50; Bright; 56.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 112; 0;38953
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11; 3340.2; 13-AUG-2009 01:53:22; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;38963
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14; 4092.6; 13-AUG-2009 02:05:54; Bright; 66.0; 175; 39Del Per ; 3.01; 19400;occ; 132; 0;38963
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 5; 2125.4; 13-AUG-2009 19:59:42; Bright; 67.0; 61; 8Eps Peg ; 2.10; 3900;occ; 134; 0;38974
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8; 3899.1; 13-AUG-2009 08:45:05; Bright; 52.5; 160; 23Gam Per ; 2.93; 4700;occ; 105; 0;38967
9; 4091.2; 13-AUG-2009 08:48:17; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;38967
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12; 4683.0; 13-AUG-2009 08:58:08; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38967
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4; 2511.5; 13-AUG-2009 10:02:33; Bright; 57.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 114; 0;38968
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9; 4090.8; 13-AUG-2009 10:28:52; Bright; 53.0; 175; 39Del Per ; 3.01; 19400;occ; 106; 0;38968
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13; 4683.4; 13-AUG-2009 10:38:45; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;38968
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5; 2511.0; 13-AUG-2009 13:23:44; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38970
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7; 3466.9; 13-AUG-2009 13:39:40; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38970
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13; 4683.9; 13-AUG-2009 13:59:57; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;38970
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3; 1932.6; 13-AUG-2009 14:54:42; Bright; 50.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 100; 0;38971
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14; 4546.7; 13-AUG-2009 18:59:28; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;38973
15; 4684.9; 13-AUG-2009 19:01:46; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38973
16; 4881.3; 13-AUG-2009 19:05:02; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;38973
17; 4988.2; 13-AUG-2009 19:06:49; Dark ; 51.0; 27; 24Gam Ori ; 1.64; 26000;occ; 102; 0;38973

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3; 774.7; 14-AUG-2009 00:38:59; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;38977
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5; 1588.6; 14-AUG-2009 00:52:33; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;38977
6; 1800.9; 14-AUG-2009 00:56:05; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38977
7; 1930.6; 14-AUG-2009 00:58:15; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38977
8; 2124.0; 14-AUG-2009 01:01:29; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;38977
9; 2509.2; 14-AUG-2009 01:07:54; Bright; 56.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 112; 0;38977
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13; 3893.7; 14-AUG-2009 01:30:58; Bright; 39.0; 160; 23Gam Per ; 2.93; 4700;occ; 78; 0;38977
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16; 4364.9; 14-AUG-2009 01:38:50; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;38977
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6; 775.8; 14-AUG-2009 02:19:36; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;38978
7; 1239.2; 14-AUG-2009 02:27:20; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;38978
8; 1588.8; 14-AUG-2009 02:33:09; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38978
9; 1801.1; 14-AUG-2009 02:36:42; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;38978
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11; 2124.0; 14-AUG-2009 02:42:04; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;38978
12; 2509.0; 14-AUG-2009 02:48:29; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;38978
13; 3024.0; 14-AUG-2009 02:57:04; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;38978
14; 3328.2; 14-AUG-2009 03:02:09; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;38978
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6;-1349.9; 14-AUG-2009 03:24:47; Dark ; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;38978
7;-1151.4; 14-AUG-2009 03:28:05; Dark ; 43.0; 13; 87Alp Tau ; 0.87; 3800;occ; 86; 0;38978
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3; 1240.3; 14-AUG-2009 05:48:33; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38980
4; 1589.2; 14-AUG-2009 05:54:22; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;38980
5; 1801.0; 14-AUG-2009 05:57:53; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;38980
6; 1929.9; 14-AUG-2009 06:00:02; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38980
7; 2123.1; 14-AUG-2009 06:03:16; Bright; 66.0; 61; 8Eps Peg ; 2.10; 3900;occ; 132; 0;38980
8; 2508.7; 14-AUG-2009 06:09:41; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;38980
9; 3023.5; 14-AUG-2009 06:18:16; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38980

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3; 1800.6; 14-AUG-2009 21:03:16; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;38989
4; 1927.4; 14-AUG-2009 21:05:23; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38989
5; 2119.9; 14-AUG-2009 21:08:36; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;38989
6; 2511.5; 14-AUG-2009 21:15:07; Bright; 33.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 66; 0;38989
7; 3021.1; 14-AUG-2009 21:23:37; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;38989
8; 3319.7; 14-AUG-2009 21:28:36; Bright; 50.0; 74; 11Bet Cas ; 2.27; 6600;occ; 100; 0;38989
9; 3452.6; 14-AUG-2009 21:30:48; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;38989
10; 4194.8; 14-AUG-2009 21:43:11; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;38989
11; 4365.8; 14-AUG-2009 21:46:02; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;38989
12; 4549.7; 14-AUG-2009 21:49:06; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;38989
13; 4689.3; 14-AUG-2009 21:51:25; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;38989
14; 4924.6; 14-AUG-2009 21:55:21; Dark ; 50.5; 14; 58Alp Ori ; 0.87; 3000;occ; 101; 0;38989
15; 5113.3; 14-AUG-2009 21:58:29; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;38989
16; 5197.9; 14-AUG-2009 21:59:54; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38989
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7; 1590.1; 14-AUG-2009 22:40:22; Bright; 52.5; 142; 49Del Cap ; 2.85; 8900;occ; 105; 0;38990
8; 1800.3; 14-AUG-2009 22:43:52; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;38990
9; 1927.1; 14-AUG-2009 22:45:59; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;38990
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11; 3021.2; 14-AUG-2009 23:04:13; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;38990
12; 3318.8; 14-AUG-2009 23:09:11; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;38990
13; 3451.7; 14-AUG-2009 23:11:23; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;38990
14; 4194.9; 14-AUG-2009 23:23:47; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;38990
15; 4365.7; 14-AUG-2009 23:26:37; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;38990
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17; 4689.8; 14-AUG-2009 23:32:01; Dark ; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;38990
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19; 5113.8; 14-AUG-2009 23:39:06; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;38990
20; 5198.5; 14-AUG-2009 23:40:30; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;38990
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5; 1245.0; 15-AUG-2009 00:15:13; Dark ; 54.5; 18; 24Alp PsA ; 1.17; 9700;occ; 109; 0;38991
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7; 1800.4; 15-AUG-2009 00:24:28; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;38991
8; 1926.9; 15-AUG-2009 00:26:34; Bright; 49.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 99; 0;38991
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9; 1923.2; 15-AUG-2009 23:54:54; Bright; 48.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 96; 0;39005
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22; 5324.7; 17-AUG-2009 23:48:21; Dark ; 38.0; 7; 19Bet Ori ; 0.10; 14000;occ; 76; 0;39033
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4; 242.0; 18-AUG-2009 00:04:15; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;39034
5; 822.7; 18-AUG-2009 00:13:55; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;39034
6; 1262.7; 18-AUG-2009 00:21:15; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;39034
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8; 1799.2; 18-AUG-2009 00:30:12; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;39034
9; 1916.3; 18-AUG-2009 00:32:09; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;39034
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12; 3375.0; 18-AUG-2009 00:56:28; Bright; 29.0; 68; 18Alp Cas ; 2.22; 4500;occ; 58; 0;39034
13; 3500.3; 18-AUG-2009 00:58:33; Bright; 48.0; 110; 37Del Cas ; 2.68; 8900;occ; 96; 0;39034
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15; 4369.0; 18-AUG-2009 01:13:02; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39034
16; 4558.4; 18-AUG-2009 01:16:11; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;39034
17; 4703.4; 18-AUG-2009 01:18:36; Dark ; 47.5; 176; 23Zet Tau ; 3.02; 22000;occ; 95; 0;39034
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19; 5140.8; 18-AUG-2009 01:25:53; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;39034
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3; -1479.6; 17-AUG-2009 06:49:34; Dark ; 54.0; 28; 12Bet Tau ; 1.65; 15200;occ; 108; 0;39023
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8; -719.4; 17-AUG-2009 07:02:14; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39023
9; -609.4; 17-AUG-2009 07:04:04; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;39023
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12; 814.6; 17-AUG-2009 07:27:48; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;39024
13; 1259.0; 17-AUG-2009 07:35:12; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39024
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3; 2108.7; 17-AUG-2009 07:49:22; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;39024
4; 3292.4; 17-AUG-2009 08:09:06; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39024
5; 3426.2; 17-AUG-2009 08:11:19; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39024
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7; 4368.3; 17-AUG-2009 08:27:02; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;39024
8; 4556.6; 17-AUG-2009 08:30:10; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;39024
9; 4700.2; 17-AUG-2009 08:32:33; Dark ; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;39024
10; 4939.8; 17-AUG-2009 08:36:33; Dark ; 50.5; 14; 58Alp Ori ; 0.87; 3000;occ; 101; 0;39024
11; 5134.6; 17-AUG-2009 08:39:48; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;39024
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13; 5317.5; 17-AUG-2009 08:42:51; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;39024
14; 5427.2; 17-AUG-2009 08:44:40; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;39024
15; 5598.4; 17-AUG-2009 08:47:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39024
16; 6267.3; 17-AUG-2009 08:58:40; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39024
17; 6851.4; 17-AUG-2009 09:08:25; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39024
18; 7295.4; 17-AUG-2009 09:15:49; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;39024
19; 7630.0; 17-AUG-2009 09:21:23; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;39024

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3; 2108.5; 17-AUG-2009 09:29:58; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;39025
4; 3291.8; 17-AUG-2009 09:49:41; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;39025
5; 3425.3; 17-AUG-2009 09:51:54; Bright; 50.5; 76; 27Gam Cas ; 2.30; 30000;occ; 101; 0;39025
6; 4191.8; 17-AUG-2009 10:04:41; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;39025
7; 4368.4; 17-AUG-2009 10:07:38; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39025
8; 4556.8; 17-AUG-2009 10:10:46; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;39025
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13; 5318.4; 17-AUG-2009 10:23:27; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;39025
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16; 6268.4; 17-AUG-2009 10:39:18; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;39025
17; 6852.1; 17-AUG-2009 10:49:01; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39025
18; 7295.7; 17-AUG-2009 10:56:25; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;39025
19; 7629.9; 17-AUG-2009 11:01:59; Bright; 42.0; 142; 49Del Cap ; 2.85; 8900;occ; 84; 0;39025

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3; 2108.1; 17-AUG-2009 11:10:33; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39026
4; 3290.8; 17-AUG-2009 11:30:16; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39026
5; 3424.7; 17-AUG-2009 11:32:30; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39026
6; 4191.8; 17-AUG-2009 11:45:17; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;39026
7; 4368.5; 17-AUG-2009 11:48:13; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;39026
8; 4557.1; 17-AUG-2009 11:51:22; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;39026
9; 4700.9; 17-AUG-2009 11:53:46; Dark ; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;39026
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11; 5136.0; 17-AUG-2009 12:01:01; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;39026
12; 5221.8; 17-AUG-2009 12:02:27; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;39026
13; 5319.1; 17-AUG-2009 12:04:04; Dark ; 55.0; 7; 19Bet Ori ; 0.10; 14000;occ; 110; 0;39026
14; 5428.6; 17-AUG-2009 12:05:54; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 0;39026
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16; 6269.5; 17-AUG-2009 12:19:54; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;39026
17; 6853.0; 17-AUG-2009 12:29:38; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;39026
18; 7296.2; 17-AUG-2009 12:37:01; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;39026
19; 7629.9; 17-AUG-2009 12:42:35; Bright; 28.0; 142; 49Del Cap ; 2.85; 8900;occ; 56; 0;39026

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3; 1918.3; 17-AUG-2009 12:47:59; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;39027
4; 2107.8; 17-AUG-2009 12:51:09; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;39027
5; 3290.1; 17-AUG-2009 13:10:51; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39027
6; 3423.9; 17-AUG-2009 13:13:05; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;39027
7; 4191.8; 17-AUG-2009 13:25:53; Bright; 63.0; 6; 13Alp Aur ; 0.08; 3400;occ; 126; 0;39027


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3; 1918.1; 17-AUG-2009 14:28:35; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;39028
4; 2107.6; 17-AUG-2009 14:31:44; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;39028
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12; 2105.4; 18-AUG-2009 02:15:54; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;39035
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 6; 1279.3; 21-AUG-2009 00:27:17; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39077
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 12; 3252.3; 21-AUG-2009 01:00:09; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39077
 13; 3386.1; 21-AUG-2009 01:02:23; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;39077
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 18; 4965.4; 21-AUG-2009 01:28:43; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;39077
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 12; 281.9; 20-AUG-2009 07:24:40; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39067
 13; 848.9; 20-AUG-2009 07:34:07; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;39067
 14; 1275.9; 20-AUG-2009 07:41:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;39067
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| 10; | 4566.2; | 20-AUG-2009 | 13:37:52; | Dark | ; | 54.0; | 28; | 12Bet Tau | ; | 1.65; | 15200;occ; | 108; | 0; | 39070 |
| 11; | 4715.9; | 20-AUG-2009 | 13:40:22; | Dark | ; | 50.5; | 176; | 23Zet Tau | ; | 3.02; | 22000;occ; | 101; | 0; | 39070 |
| 12; | 4961.9; | 20-AUG-2009 | 13:44:28; | Dark | ; | 54.5; | 14; | 58Alp Ori | ; | 0.87; | 3000;occ; | 109; | 0; | 39070 |
| 13; | 5048.3; | 20-AUG-2009 | 13:45:54; | Dark | ; | 53.5; | 27; | 24Gam Ori | ; | 1.64; | 26000;occ; | 107; | 0; | 39070 |
| 14; | 5165.6; | 20-AUG-2009 | 13:47:51; | Dark | ; | 53.0; | 30; | 46Eps Ori | ; | 1.69; | 30000;occ; | 106; | 0; | 39070 |
| 15; | 5253.3; | 20-AUG-2009 | 13:49:19; | Dark | ; | 48.5; | 125; | 44Tot Ori | ; | 2.77; | 30000;occ; | 97; | 0; | 39070 |
| 16; | 5358.5; | 20-AUG-2009 | 13:51:04; | Dark | ; | 61.0; | 7; | 19Bet Ori | ; | 0.10; | 14000;occ; | 122; | 0; | 39070 |
| 17; | 5461.6; | 20-AUG-2009 | 13:52:47; | Dark | ; | 45.5; | 101; | 11Alp Lep | ; | 2.58; | 7000;occ; | 91; | 0; | 39070 |
| 18; | 5635.3; | 20-AUG-2009 | 13:55:41; | Dark | ; | 59.5; | 0; | | ; | 0.00; | 0;occ; | 119; | 0; | 39070 |
| 19; | 6322.7; | 20-AUG-2009 | 14:07:08; | Dark | ; | 54.0; | 157; | The1Eri | ; | 2.91; | 9300;occ; | 108; | 0; | 39070 |
| 20; | 6887.8; | 20-AUG-2009 | 14:16:33; | Dark | ; | 50.5; | 84; | Alp Phe | ; | 2.40; | 4500;occ; | 101; | 0; | 39070 |
| 21; | 7313.3; | 20-AUG-2009 | 14:23:39; | Dark | ; | 49.5; | 18; | 24Alp PsA | ; | 1.17; | 9700;occ; | 99; | 0; | 39070 |
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| 2; | 1799.3; | 20-AUG-2009 | 14:32:21; | Bright; | | 41.0; | 154; | 22Bet Aqr | ; | 2.90; | 5700;occ; | 82; | 0; | 39071 |
| 3; | 1909.8; | 20-AUG-2009 | 14:34:11; | Bright; | | 45.5; | 162; | 34Alp Aqr | ; | 2.94; | 5350;occ; | 91; | 0; | 39071 |
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| 7; | 3390.8; | 20-AUG-2009 | 14:58:52; | Bright; | | 47.5; | 76; | 27Gam Cas | ; | 2.30; | 30000;occ; | 95; | 0; | 39071 |
| 8; | 4186.7; | 20-AUG-2009 | 15:12:08; | Bright; | | 51.0; | 6; | 13Alp Aur | ; | 0.08; | 3400;occ; | 102; | 0; | 39071 |
| 9; | 4371.6; | 20-AUG-2009 | 15:15:13; | Bright; | | 41.0; | 107; | 37The Aur | ; | 2.65; | 11000;occ; | 82; | 0; | 39071 |
| 10; | 4566.5; | 20-AUG-2009 | 15:18:28; | Dark | ; | 54.0; | 28; | 12Bet Tau | ; | 1.65; | 15200;occ; | 108; | 0; | 39071 |
| 11; | 4716.4; | 20-AUG-2009 | 15:20:58; | Dark | ; | 50.0; | 176; | 23Zet Tau | ; | 3.02; | 22000;occ; | 100; | 0; | 39071 |
| 12; | 4962.6; | 20-AUG-2009 | 15:25:04; | Dark | ; | 54.0; | 14; | 58Alp Ori | ; | 0.87; | 3000;occ; | 108; | 0; | 39071 |
| 13; | 5049.3; | 20-AUG-2009 | 15:26:31; | Dark | ; | 56.0; | 27; | 24Gam Ori | ; | 1.64; | 26000;occ; | 112; | 0; | 39071 |
| 14; | 5166.4; | 20-AUG-2009 | 15:28:28; | Dark | ; | 51.5; | 30; | 46Eps Ori | ; | 1.69; | 30000;occ; | 103; | 0; | 39071 |
| 15; | 5254.1; | 20-AUG-2009 | 15:29:56; | Dark | ; | 49.0; | 125; | 44Tot Ori | ; | 2.77; | 30000;occ; | 98; | 0; | 39071 |
| 16; | 5359.5; | 20-AUG-2009 | 15:31:41; | Dark | ; | 61.0; | 7; | 19Bet Ori | ; | 0.10; | 14000;occ; | 122; | 0; | 39071 |
| 17; | 5462.5; | 20-AUG-2009 | 15:33:24; | Dark | ; | 49.0; | 101; | 11Alp Lep | ; | 2.58; | 7000;occ; | 98; | 0; | 39071 |
| 18; | 5636.2; | 20-AUG-2009 | 15:36:18; | Dark | ; | 59.0; | 0; | | ; | 0.00; | 0;occ; | 118; | 0; | 39071 |
| 19; | 6324.0; | 20-AUG-2009 | 15:47:46; | Dark | ; | 52.5; | 157; | The1Eri | ; | 2.91; | 9300;occ; | 105; | 0; | 39071 |
| 20; | 6888.6; | 20-AUG-2009 | 15:57:10; | Dark | ; | 50.0; | 84; | Alp Phe | ; | 2.40; | 4500;occ; | 100; | 0; | 39071 |
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| 3; | 1799.3; | 20-AUG-2009 | 16:12:57; | Bright; | | 40.5; | 154; | 22Bet Aqr | ; | 2.90; | 5700;occ; | 81; | 0; | 39072 |
| 4; | 1909.8; | 20-AUG-2009 | 16:14:47; | Bright; | | 44.0; | 162; | 34Alp Aqr | ; | 2.94; | 5350;occ; | 88; | 0; | 39072 |
| 5; | 2096.6; | 20-AUG-2009 | 16:17:54; | Bright; | | 60.0; | 61; | 8Eps Peg | ; | 2.10; | 3900;occ; | 120; | 0; | 39072 |
| 6; | 2609.2; | 20-AUG-2009 | 16:26:27; | Bright; | | 40.0; | 164; | 44Eta Peg | ; | 2.95; | 5400;occ; | 80; | 0; | 39072 |
| 7; | 3256.0; | 20-AUG-2009 | 16:37:14; | Bright; | | 48.0; | 74; | 11Bet Cas | ; | 2.27; | 6600;occ; | 96; | 0; | 39072 |
| 8; | 3390.0; | 20-AUG-2009 | 16:39:28; | Bright; | | 49.5; | 76; | 27Gam Cas | ; | 2.30; | 30000;occ; | 99; | 0; | 39072 |
| 9; | 4186.6; | 20-AUG-2009 | 16:52:44; | Bright; | | 52.0; | 6; | 13Alp Aur | ; | 0.08; | 3400;occ; | 104; | 0; | 39072 |
| 10; | 4371.7; | 20-AUG-2009 | 16:55:49; | Bright; | | 41.5; | 107; | 37The Aur | ; | 2.65; | 11000;occ; | 83; | 0; | 39072 |
| 11; | 4566.6; | 20-AUG-2009 | 16:59:04; | Dark | ; | 55.0; | 28; | 12Bet Tau | ; | 1.65; | 15200;occ; | 110; | 0; | 39072 |
| 12; | 4716.4; | 20-AUG-2009 | 17:01:34; | Dark | ; | 50.0; | 176; | 23Zet Tau | ; | 3.02; | 22000;occ; | 100; | 0; | 39072 |
| 13; | 4963.0; | 20-AUG-2009 | 17:05:41; | Dark | ; | 59.0; | 14; | 58Alp Ori | ; | 0.87; | 3000;occ; | 118; | 0; | 39072 |
| 14; | 5049.9; | 20-AUG-2009 | 17:07:07; | Dark | ; | 54.5; | 27; | 24Gam Ori | ; | 1.64; | 26000;occ; | 109; | 0; | 39072 |
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| 17; | 5360.6; | 20-AUG-2009 | 17:12:18; | Dark | ; | 71.0; | 7; | 19Bet Ori | ; | 0.10; | 14000;occ; | 142; | 0; | 39072 |
| 18; | 5463.2; | 20-AUG-2009 | 17:14:01; | Dark | ; | 47.5; | 101; | 11Alp Lep | ; | 2.58; | 7000;occ; | 95; | 0; | 39072 |
| 19; | 5637.1; | 20-AUG-2009 | 17:16:55; | Dark | ; | 59.5; | 0; | | ; | 0.00; | 0;occ; | 119; | 0; | 39072 |
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| 4; | 1909.7; | 20-AUG-2009 | 17:55:23; | Bright; | | 44.5; | 162; | 34Alp Aqr | ; | 2.94; | 5350;occ; | 89; | 0; | 39073 |
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| 7; | 3255.2; | 20-AUG-2009 | 18:17:49; | Bright; | | 46.5; | 74; | 11Bet Cas | ; | 2.27; | 6600;occ; | 93; | 0; | 39073 |
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 3; -628.5; 23-AUG-2009 22:20:38; Dark ; 60.0; 7; 19Bet Ori ; 0.10; 14000;occ; 120; 0;39118
 4; -473.9; 23-AUG-2009 22:23:12; Dark ; 49.0; 139; 9Bet Lep ; 2.83; 5600;occ; 98; 0;39118
 5; -358.2; 23-AUG-2009 22:25:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39118
 6; 345.4; 23-AUG-2009 22:36:51; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;39119
 7; 887.2; 23-AUG-2009 22:45:53; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;39119
 8; 1294.1; 23-AUG-2009 22:52:40; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;39119
 9; 1903.2; 23-AUG-2009 23:02:49; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;39119
 10; 2087.3; 23-AUG-2009 23:05:53; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;39119
 11; 2571.4; 23-AUG-2009 23:13:57; Bright; 65.0; 164; 44Eta Peg ; 2.95; 5400;occ; 130; 0;39119
 12; 3221.3; 23-AUG-2009 23:24:47; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39119
 13; 3354.8; 23-AUG-2009 23:27:01; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39119
 14; 4179.7; 23-AUG-2009 23:40:46; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;39119
 15; 4374.1; 23-AUG-2009 23:44:00; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;39119
 16; 4653.1; 23-AUG-2009 23:48:39; Dark ; 55.5; 151; 13Mu Gem ; 2.89; 3000;occ; 111; 0;39119
 17; 4752.4; 23-AUG-2009 23:50:18; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;39119
 18; 4988.3; 23-AUG-2009 23:54:14; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;39119
 19; 5085.9; 23-AUG-2009 23:55:52; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;39119
 20; 5203.3; 23-AUG-2009 23:57:49; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;39119
 21; 5293.0; 23-AUG-2009 23:59:19; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;39119
 22; 5408.4; 24-AUG-2009 00:01:14; Dark ; 0.0; 7; 19Bet Ori ; 0.10; 14000;occ; 101; 0;39119

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 3; -357.2; 24-AUG-2009 00:05:45; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39119
 4; 346.5; 24-AUG-2009 00:17:28; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39120
 5; 888.0; 24-AUG-2009 00:26:30; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;39120
 6; 1294.4; 24-AUG-2009 00:33:16; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;39120
 7; 1902.8; 24-AUG-2009 00:43:25; Bright; 61.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 122; 0;39120
 8; 2086.9; 24-AUG-2009 00:46:29; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;39120
 9; 2570.7; 24-AUG-2009 00:54:33; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;39120
 10; 3220.7; 24-AUG-2009 01:05:23; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39120
 11; 3354.0; 24-AUG-2009 01:07:36; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39120
 12; 4179.3; 24-AUG-2009 01:21:21; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;39120
 13; 4374.2; 24-AUG-2009 01:24:36; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;39120
 14; 4653.4; 24-AUG-2009 01:29:15; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;39120
 15; 4752.6; 24-AUG-2009 01:30:54; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39120
 16; 4989.2; 24-AUG-2009 01:34:51; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;39120
 17; 5086.7; 24-AUG-2009 01:36:29; Dark ; 60.0; 27; 24Gam Ori ; 1.64; 26000;occ; 120; 0;39120
 18; 5204.2; 24-AUG-2009 01:38:26; Dark ; 55.0; 30; 46Eps Ori ; 1.69; 30000;occ; 110; 0;39120

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 3; -626.4; 24-AUG-2009 01:41:51; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;39120
 4; -472.0; 24-AUG-2009 01:44:26; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;39120
 5; -356.3; 24-AUG-2009 01:46:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39120
 6; 347.8; 24-AUG-2009 01:58:06; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39121
 7; 888.6; 24-AUG-2009 02:07:06; Dark ; 60.0; 84; Alp Phe ; 2.40; 4500;occ; 120; 0;39121
 8; 1294.8; 24-AUG-2009 02:13:53; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;39121
 9; 1902.7; 24-AUG-2009 02:24:01; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;39121
 10; 2086.8; 24-AUG-2009 02:27:05; Bright; 58.0; 61; 8Eps Peg ; 2.10; 3900;occ; 116; 0;39121
 11; 2569.9; 24-AUG-2009 02:35:08; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;39121
 12; 3219.9; 24-AUG-2009 02:45:58; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39121
 13; 3353.4; 24-AUG-2009 02:48:11; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39121

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3;-1382.1; 24-AUG-2009 03:09:52; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;39121
4;-1283.0; 24-AUG-2009 03:11:31; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;39121
5;-1046.2; 24-AUG-2009 03:15:28; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;39121
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7; -830.8; 24-AUG-2009 03:19:03; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;39121
8; -712.2; 24-AUG-2009 03:21:02; Dark ; 50.0; 56; 53Kap Ori ; 2.07; 30000;occ; 100; 0;39121
9; -625.2; 24-AUG-2009 03:22:28; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39121
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13; 889.4; 24-AUG-2009 03:47:43; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;39122
14; 1295.3; 24-AUG-2009 03:54:29; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;39122
15; 1902.9; 24-AUG-2009 04:04:37; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;39122
16; 2086.8; 24-AUG-2009 04:07:41; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;39122
17; 2569.2; 24-AUG-2009 04:15:43; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;39122
18; 3219.3; 24-AUG-2009 04:26:33; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39122
19; 3352.7; 24-AUG-2009 04:28:46; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39122
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3;-1381.7; 24-AUG-2009 06:31:04; Dark ; 46.5; 151; 13Mu Gem ; 2.89; 3000;occ; 93; 0;39123
4;-1282.1; 24-AUG-2009 06:32:44; Dark ; 41.0; 44; 24Gam Gem ; 1.93; 11000;occ; 82; 0;39123
5;-1045.0; 24-AUG-2009 06:36:41; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;39123
6; -829.0; 24-AUG-2009 06:40:17; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;39123
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9; -469.3; 24-AUG-2009 06:46:16; Dark ; 53.0; 139; 9Bet Lep ; 2.83; 5600;occ; 106; 0;39123
10; -353.5; 24-AUG-2009 06:48:12; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39123
11; 351.5; 24-AUG-2009 06:59:57; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39124
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3; 2567.8; 24-AUG-2009 07:36:53; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39124
4; 3218.0; 24-AUG-2009 07:47:44; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;39124
5; 3351.3; 24-AUG-2009 07:49:57; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;39124
6; 4178.8; 24-AUG-2009 08:03:45; Bright; 55.5; 6; 13Alp Aur ; 0.08; 3400;occ; 111; 0;39124
7; 4374.6; 24-AUG-2009 08:07:00; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39124
8; 4654.6; 24-AUG-2009 08:11:40; Dark ; 48.0; 151; 13Mu Gem ; 2.89; 3000;occ; 96; 0;39124
9; 4754.0; 24-AUG-2009 08:13:20; Dark ; 41.0; 44; 24Gam Gem ; 1.93; 11000;occ; 82; 0;39124
10; 4991.6; 24-AUG-2009 08:17:17; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;39124
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12; 5207.9; 24-AUG-2009 08:20:54; Dark ; 57.0; 30; 46Eps Ori ; 1.69; 30000;occ; 114; 0;39124
13; 5326.2; 24-AUG-2009 08:22:52; Dark ; 47.5; 56; 53Kap Ori ; 2.07; 30000;occ; 95; 0;39124
14; 5414.2; 24-AUG-2009 08:24:20; Dark ; 63.5; 7; 19Bet Ori ; 0.10; 14000;occ; 127; 0;39124
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16; 5683.4; 24-AUG-2009 08:28:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39124
17; 6388.7; 24-AUG-2009 08:40:34; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;39124
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3; 2567.1; 24-AUG-2009 09:17:29; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39125
4; 3217.2; 24-AUG-2009 09:28:19; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39125
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7; 4374.6; 24-AUG-2009 09:47:36; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39125
8; 4654.9; 24-AUG-2009 09:52:17; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;39125
9; 4754.2; 24-AUG-2009 09:53:56; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;39125
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12; 5208.5; 24-AUG-2009 10:01:30; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;39125
13; 5326.9; 24-AUG-2009 10:03:29; Dark ; 48.5; 56; 53Kap Ori ; 2.07; 30000;occ; 97; 0;39125
14; 5415.3; 24-AUG-2009 10:04:57; Dark ; 77.0; 7; 19Bet Ori ; 0.10; 14000;occ; 154; 0;39125

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10; 4992.6; 24-AUG-2009 11:38:30; Dark ; 67.0; 14; 58Alp Ori ; 0.87; 3000;occ; 134; 0;39126
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 8; 4578.9; 24-AUG-2009 13:12:12; Dark ; 59.5; 28; 12Bet Tau ; 1.65; 15200;occ; 119; 0;39127
 9; 4755.0; 24-AUG-2009 13:15:08; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;39127
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19; 7338.4; 25-AUG-2009 15:07:11; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;39142
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2; 1303.4; 25-AUG-2009 20:08:59; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;39146
3; 1900.6; 25-AUG-2009 20:18:57; Bright; 53.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 106; 0;39146
4; 2083.3; 25-AUG-2009 20:21:59; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39146
5; 2552.4; 25-AUG-2009 20:29:48; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;39146
6; 3202.5; 25-AUG-2009 20:40:39; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39146
7; 3335.0; 25-AUG-2009 20:42:51; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39146
8; 4175.1; 25-AUG-2009 20:56:51; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;39146
9; 4375.7; 25-AUG-2009 21:00:12; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39146
10; 4583.3; 25-AUG-2009 21:03:39; Dark ; 59.5; 28; 12Bet Tau ; 1.65; 15200;occ; 119; 0;39146
11; 4761.0; 25-AUG-2009 21:06:37; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;39146
12; 5004.9; 25-AUG-2009 21:10:41; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;39146
13; 5109.5; 25-AUG-2009 21:12:26; Dark ; 63.0; 27; 24Gam Ori ; 1.64; 26000;occ; 126; 0;39146
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2; -809.0; 25-AUG-2009 21:14:23; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39146
3; -691.7; 25-AUG-2009 21:16:20; Dark ; 50.0; 56; 53Kap Ori ; 2.07; 30000;occ; 100; 0;39146
4; -596.3; 25-AUG-2009 21:17:56; Dark ; 75.5; 7; 19Bet Ori ; 0.10; 14000;occ; 151; 0;39146
5; -447.4; 25-AUG-2009 21:20:25; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;39146
6; -331.5; 25-AUG-2009 21:22:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39146
7; 379.8; 25-AUG-2009 21:34:12; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39147
8; 906.8; 25-AUG-2009 21:42:59; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;39147
9; 1303.7; 25-AUG-2009 21:49:36; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;39147
10; 1900.4; 25-AUG-2009 21:59:32; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;39147
11; 2083.1; 25-AUG-2009 22:02:35; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39147
12; 2551.8; 25-AUG-2009 22:10:24; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;39147
13; 3201.7; 25-AUG-2009 22:21:14; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;39147
14; 3334.2; 25-AUG-2009 22:23:26; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39147
15; 4174.8; 25-AUG-2009 22:37:27; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;39147
16; 4375.5; 25-AUG-2009 22:40:47; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;39147
17; 4583.5; 25-AUG-2009 22:44:15; Dark ; 57.5; 28; 12Bet Tau ; 1.65; 15200;occ; 115; 0;39147
18; 4761.4; 25-AUG-2009 22:47:13; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39147
19; 5005.5; 25-AUG-2009 22:51:17; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;39147
20; 5110.5; 25-AUG-2009 22:53:02; Dark ; 61.0; 27; 24Gam Ori ; 1.64; 26000;occ; 122; 0;39147
21; 5227.8; 25-AUG-2009 22:55:00; Dark ; 59.5; 30; 46Eps Ori ; 1.69; 30000;occ; 119; 0;39147
22; 5345.0; 25-AUG-2009 22:56:57; Dark ; 37.0; 56; 53Kap Ori ; 2.07; 30000;occ; 74; 0;39147

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 4; -330.5; 25-AUG-2009 23:02:57; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39147
 5; 381.2; 25-AUG-2009 23:14:49; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;39148
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 10; 2551.0; 25-AUG-2009 23:50:59; Bright; 44.5; 164; 44Eta Peg ; 2.95; 5400;occ; 89; 0;39148
 11; 3201.0; 26-AUG-2009 00:01:49; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;39148
 12; 3333.5; 26-AUG-2009 00:04:01; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39148
 13; 4174.7; 26-AUG-2009 00:18:03; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;39148
 14; 4375.5; 26-AUG-2009 00:21:23; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;39148
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 16; 4761.7; 26-AUG-2009 00:27:49; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;39148
 17; 5006.1; 26-AUG-2009 00:31:54; Dark ; 65.5; 14; 58Alp Ori ; 0.87; 3000;occ; 131; 0;39148
 18; 5111.4; 26-AUG-2009 00:33:39; Dark ; 61.5; 27; 24Gam Ori ; 1.64; 26000;occ; 123; 0;39148
 19; 5228.7; 26-AUG-2009 00:35:37; Dark ; 57.0; 30; 46Eps Ori ; 1.69; 30000;occ; 114; 0;39148

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 3; 2554.3; 25-AUG-2009 15:28:02; Bright; 69.0; 164; 44Eta Peg ; 2.95; 5400;occ; 138; 0;39143
 4; 3204.6; 25-AUG-2009 15:38:53; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39143
 5; 3337.3; 25-AUG-2009 15:41:05; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;39143
 6; 4175.7; 25-AUG-2009 15:55:04; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;39143
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 8; 4582.8; 25-AUG-2009 16:01:51; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39143
 9; 4760.1; 25-AUG-2009 16:04:48; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39143
 10; 5003.1; 25-AUG-2009 16:08:51; Dark ; 60.5; 14; 58Alp Ori ; 0.87; 3000;occ; 121; 0;39143
 11; 5107.0; 25-AUG-2009 16:10:35; Dark ; 63.0; 27; 24Gam Ori ; 1.64; 26000;occ; 126; 0;39143
 12; 5223.9; 25-AUG-2009 16:12:32; Dark ; 52.0; 33; 50Zet Ori ; 1.77; 30000;occ; 104; 0;39143
 13; 5315.2; 25-AUG-2009 16:14:03; Dark ; 50.0; 125; 44Tot Ori ; 2.77; 30000;occ; 100; 0;39143
 14; 5409.3; 25-AUG-2009 16:15:37; Dark ; 60.0; 128; 67Bet Eri ; 2.78; 9700;occ; 120; 0;39143
 15; 5525.1; 25-AUG-2009 16:17:33; Dark ; 49.5; 101; 11Alp Lep ; 2.58; 7000;occ; 99; 0;39143
 16; 5701.6; 25-AUG-2009 16:20:30; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39143
 17; 6412.2; 25-AUG-2009 16:32:20; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39143
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 4; 2553.9; 25-AUG-2009 17:08:38; Bright; 69.0; 164; 44Eta Peg ; 2.95; 5400;occ; 138; 0;39144
 5; 3203.8; 25-AUG-2009 17:19:28; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39144
 6; 3336.4; 25-AUG-2009 17:21:41; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39144
 7; 4175.5; 25-AUG-2009 17:35:40; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39144
 8; 4375.4; 25-AUG-2009 17:39:00; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;39144
 9; 4583.0; 25-AUG-2009 17:42:27; Dark ; 61.0; 28; 12Bet Tau ; 1.65; 15200;occ; 122; 0;39144
 10; 4760.5; 25-AUG-2009 17:45:25; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39144
 11; 5003.9; 25-AUG-2009 17:49:28; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;39144
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 13; 5225.2; 25-AUG-2009 17:53:09; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;39144
 14; 5342.5; 25-AUG-2009 17:55:07; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39144
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 16; 5586.7; 25-AUG-2009 17:59:11; Dark ; 52.5; 139; 9Bet Lep ; 2.83; 5600;occ; 105; 0;39144
 17; 5702.6; 25-AUG-2009 18:01:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39144
 18; 6413.5; 25-AUG-2009 18:12:58; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;39144
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 3; 2083.6; 25-AUG-2009 18:41:24; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;39145
 4; 2553.1; 25-AUG-2009 18:49:13; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39145
 5; 3203.3; 25-AUG-2009 19:00:03; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39145
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 7; 4175.2; 25-AUG-2009 19:16:15; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;39145
 8; 4375.5; 25-AUG-2009 19:19:36; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;39145

9; 4583.2; 25-AUG-2009 19:23:03; Dark ; 59.0; 28; 12Bet Tau ; 1.65; 15200;occ; 118; 0;39145
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 12; 5108.7; 25-AUG-2009 19:31:49; Dark ; 64.0; 27; 24Gam Ori ; 1.64; 26000;occ; 128; 0;39145
 13; 5226.2; 25-AUG-2009 19:33:46; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;39145
 14; 5343.4; 25-AUG-2009 19:35:44; Dark ; 52.0; 56; 53Kap Ori ; 2.07; 30000;occ; 104; 0;39145
 15; 5438.4; 25-AUG-2009 19:37:19; Dark ; 66.0; 7; 19Bet Ori ; 0.10; 14000;occ; 132; 0;39145
 16; 5587.5; 25-AUG-2009 19:39:48; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;39145
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 18; 6414.6; 25-AUG-2009 19:53:35; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39145
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 3; -594.0; 26-AUG-2009 00:39:10; Dark ; 68.0; 7; 19Bet Ori ; 0.10; 14000;occ; 136; 0;39148
 4; -445.5; 26-AUG-2009 00:41:38; Dark ; 49.5; 139; 9Bet Lep ; 2.83; 5600;occ; 99; 0;39148
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 10; 2082.9; 26-AUG-2009 01:23:47; Bright; 57.0; 61; 8Eps Peg ; 2.10; 3900;occ; 114; 0;39149
 11; 2550.3; 26-AUG-2009 01:31:34; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39149
 12; 3200.4; 26-AUG-2009 01:42:24; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;39149
 13; 3332.8; 26-AUG-2009 01:44:36; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39149
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 15; 4375.5; 26-AUG-2009 02:01:59; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;39149
 16; 4584.1; 26-AUG-2009 02:05:28; Dark ; 62.0; 28; 12Bet Tau ; 1.65; 15200;occ; 124; 0;39149
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 4; -689.1; 26-AUG-2009 02:18:10; Dark ; 52.5; 56; 53Kap Ori ; 2.07; 30000;occ; 105; 0;39149
 5; -592.6; 26-AUG-2009 02:19:47; Dark ; 74.5; 7; 19Bet Ori ; 0.10; 14000;occ; 149; 0;39149
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 9; 908.8; 26-AUG-2009 02:44:48; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;39150
 10; 1304.5; 26-AUG-2009 02:51:24; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;39150
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 10; -443.5; 26-AUG-2009 04:02:52; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;39150
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 3; 2545.2; 26-AUG-2009 14:56:16; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39157
 4; 3194.8; 26-AUG-2009 15:07:06; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39157
 5; 3327.0; 26-AUG-2009 15:09:18; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;39157
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 7; 4375.9; 26-AUG-2009 15:26:47; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39157
 8; 4586.0; 26-AUG-2009 15:30:17; Dark ; 60.5; 28; 12Bet Tau ; 1.65; 15200;occ; 121; 0;39157
 9; 4764.6; 26-AUG-2009 15:33:16; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39157
 10; 5012.1; 26-AUG-2009 15:37:23; Dark ; 61.5; 14; 58Alp Ori ; 0.87; 3000;occ; 123; 0;39157
 11; 5119.8; 26-AUG-2009 15:39:11; Dark ; 65.0; 27; 24Gam Ori ; 1.64; 26000;occ; 130; 0;39157
 12; 5237.0; 26-AUG-2009 15:41:08; Dark ; 57.0; 30; 46Eps Ori ; 1.69; 30000;occ; 114; 0;39157
 13; 5353.7; 26-AUG-2009 15:43:05; Dark ; 53.0; 56; 53Kap Ori ; 2.07; 30000;occ; 106; 0;39157
 14; 5453.0; 26-AUG-2009 15:44:44; Dark ; 65.5; 7; 19Bet Ori ; 0.10; 14000;occ; 131; 0;39157
 15; 5599.3; 26-AUG-2009 15:47:10; Dark ; 55.0; 139; 9Bet Lep ; 2.83; 5600;occ; 110; 0;39157
 16; 5715.4; 26-AUG-2009 15:49:06; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39157
 17; 6429.4; 26-AUG-2009 16:01:00; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;39157
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 3; 2545.2; 26-AUG-2009 14:56:16; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;39157
 4; 3194.8; 26-AUG-2009 15:07:06; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39157
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 7; 4375.9; 26-AUG-2009 15:26:47; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39157
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 9; 4764.6; 26-AUG-2009 15:33:16; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;39157
 10; 5012.1; 26-AUG-2009 15:37:23; Dark ; 61.5; 14; 58Alp Ori ; 0.87; 3000;occ; 123; 0;39157
 11; 5119.8; 26-AUG-2009 15:39:11; Dark ; 65.0; 27; 24Gam Ori ; 1.64; 26000;occ; 130; 0;39157
 12; 5237.0; 26-AUG-2009 15:41:08; Dark ; 57.0; 30; 46Eps Ori ; 1.69; 30000;occ; 114; 0;39157
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 15; 5599.3; 26-AUG-2009 15:47:10; Dark ; 55.0; 139; 9Bet Lep ; 2.83; 5600;occ; 110; 0;39157
 16; 5715.4; 26-AUG-2009 15:49:06; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39157
 17; 6429.4; 26-AUG-2009 16:01:00; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;39157
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 3; 2081.8; 26-AUG-2009 16:29:09; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;39158
 4; 2544.7; 26-AUG-2009 16:36:52; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;39158
 5; 3194.1; 26-AUG-2009 16:47:41; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39158
 6; 3326.3; 26-AUG-2009 16:49:53; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39158
 7; 4172.9; 26-AUG-2009 17:04:00; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;39158
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 9; 4586.3; 26-AUG-2009 17:10:53; Dark ; 61.0; 28; 12Bet Tau ; 1.65; 15200;occ; 122; 0;39158
 10; 4765.0; 26-AUG-2009 17:13:52; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39158

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14; 5354.6; 26-AUG-2009 17:23:42; Dark ; 54.5; 56; 53Kap Ori ; 2.07; 30000;occ; 109; 0;39158
15; 5454.2; 26-AUG-2009 17:25:21; Dark ; 70.0; 7; 19Bet Ori ; 0.10; 14000;occ; 140; 0;39158
16; 5600.5; 26-AUG-2009 17:27:47; Dark ; 49.5; 139; 9Bet Lep ; 2.83; 5600;occ; 99; 0;39158
17; 5716.4; 26-AUG-2009 17:29:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39158
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 3; 2546.3; 26-AUG-2009 11:35:06; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;39155
 4; 3196.0; 26-AUG-2009 11:45:55; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;39155
 5; 3328.3; 26-AUG-2009 11:48:08; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39155
 6; 4173.3; 26-AUG-2009 12:02:13; Bright; 55.5; 6; 13Alp Aur ; 0.08; 3400;occ; 111; 0;39155
 7; 4375.7; 26-AUG-2009 12:05:35; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39155
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 9; 4763.8; 26-AUG-2009 12:12:03; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;39155
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11; 5117.8; 26-AUG-2009 12:17:57; Dark ; 60.0; 27; 24Gam Ori ; 1.64; 26000;occ; 120; 0;39155
12; 5235.1; 26-AUG-2009 12:19:54; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;39155
13; 5351.8; 26-AUG-2009 12:21:51; Dark ; 49.0; 56; 53Kap Ori ; 2.07; 30000;occ; 98; 0;39155
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16; 5713.3; 26-AUG-2009 12:27:53; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39155
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 5; 3193.4; 26-AUG-2009 18:28:16; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39159
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 8; 4376.1; 26-AUG-2009 18:47:59; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;39159
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11; 5013.4; 26-AUG-2009 18:58:36; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;39159
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14; 5355.4; 26-AUG-2009 19:04:18; Dark ; 52.5; 56; 53Kap Ori ; 2.07; 30000;occ; 105; 0;39159
15; 5455.6; 26-AUG-2009 19:05:59; Dark ; 65.0; 7; 19Bet Ori ; 0.10; 14000;occ; 130; 0;39159
16; 5601.4; 26-AUG-2009 19:08:24; Dark ; 50.5; 139; 9Bet Lep ; 2.83; 5600;occ; 101; 0;39159
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 3; 1899.3; 26-AUG-2009 19:47:18; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;39160
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11; 4765.4; 26-AUG-2009 20:35:04; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;39160
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13; 5122.5; 26-AUG-2009 20:41:02; Dark ; 60.5; 27; 24Gam Ori ; 1.64; 26000;occ; 121; 0;39160
14; 5239.8; 26-AUG-2009 20:42:59; Dark ; 56.5; 30; 46Eps Ori ; 1.69; 30000;occ; 113; 0;39160
15; 5356.2; 26-AUG-2009 20:44:55; Dark ; 52.5; 56; 53Kap Ori ; 2.07; 30000;occ; 105; 0;39160
16; 5456.5; 26-AUG-2009 20:46:36; Dark ; 79.5; 7; 19Bet Ori ; 0.10; 14000;occ; 159; 0;39160
17; 5602.4; 26-AUG-2009 20:49:01; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;39160
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6; 917.3; 27-AUG-2009 00:32:44; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;39163
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13; 4171.8; 27-AUG-2009 01:26:58; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;39163
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16; 4766.4; 27-AUG-2009 01:36:53; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39163
17; 5015.9; 27-AUG-2009 01:41:02; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39163
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9; 1898.8; 27-AUG-2009 02:29:41; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;39164
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 5; 3183.7; 27-AUG-2009 17:56:30; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;39173
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 7; 3314.5; 27-AUG-2009 19:39:16; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39174
 8; 4169.7; 27-AUG-2009 19:53:32; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;39174
 9; 4376.5; 27-AUG-2009 19:56:58; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;39174
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15; 5474.5; 27-AUG-2009 20:15:16; Dark ; 76.0; 7; 19Bet Ori ; 0.10; 14000;occ; 152; 0;39174
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 7; 3182.4; 27-AUG-2009 21:17:40; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39175
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 9; 4169.4; 27-AUG-2009 21:34:07; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39175
10; 4376.4; 27-AUG-2009 21:37:34; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;39175
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12; 4770.5; 27-AUG-2009 21:44:08; Dark ; 42.5; 44; 24Gam Gem ; 1.93; 11000;occ; 85; 0;39175
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9; 2283.8; 28-AUG-2009 02:04:29; Bright; 39.0; 90; 54Alp Peg ; 2.49; 11000;occ; 78; 0;39178
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5; 2282.6; 28-AUG-2009 05:25:40; Bright; 45.0; 90; 54Alp Peg ; 2.49; 11000;occ; 90; 0;39180
6; 2530.8; 28-AUG-2009 05:29:48; Bright; 67.0; 164; 44Eta Peg ; 2.95; 5400;occ; 134; 0;39180

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7; 3304.5; 28-AUG-2009 19:07:29; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39188
8; 4166.9; 28-AUG-2009 19:21:52; Bright; 58.0; 6; 13Alp Aur ; 0.08; 3400;occ; 116; 0;39188
9; 4377.2; 28-AUG-2009 19:25:22; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;39188
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 8; 4680.4; 30-AUG-2009 15:05:59; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;39214
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 10; 5052.6; 30-AUG-2009 15:12:11; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;39214
 11; 5295.6; 30-AUG-2009 15:16:14; Dark ; 63.5; 30; 46Eps Ori ; 1.69; 30000;occ; 127; 0;39214
 12; 5435.5; 30-AUG-2009 15:18:34; Dark ; 47.0; 47; 2Bet CMa ; 1.98; 28000;occ; 94; 0;39214
 13; 5599.0; 30-AUG-2009 15:21:18; Dark ; 51.0; 101; 11Alp Lep ; 2.58; 7000;occ; 102; 0;39214
 14; 5775.6; 30-AUG-2009 15:24:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39214
 15; 6499.2; 30-AUG-2009 15:36:18; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;39214
 16; 6986.3; 30-AUG-2009 15:44:25; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;39214
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 3; 2261.0; 30-AUG-2009 16:06:15; Bright; 48.0; 90; 54Alp Peg ; 2.49; 11000;occ; 96; 0;39215
 4; 2511.4; 30-AUG-2009 16:10:26; Bright; 65.0; 164; 44Eta Peg ; 2.95; 5400;occ; 130; 0;39215
 5; 3155.8; 30-AUG-2009 16:21:10; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;39215
 6; 3285.2; 30-AUG-2009 16:23:20; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39215
 7; 4160.9; 30-AUG-2009 16:37:55; Bright; 61.5; 6; 13Alp Aur ; 0.08; 3400;occ; 123; 0;39215
 8; 4377.9; 30-AUG-2009 16:41:32; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;39215
 9; 4680.6; 30-AUG-2009 16:46:35; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;39215
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 11; 5053.4; 30-AUG-2009 16:52:48; Dark ; 69.5; 14; 58Alp Ori ; 0.87; 3000;occ; 139; 0;39215
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 13; 5436.1; 30-AUG-2009 16:59:11; Dark ; 47.0; 47; 2Bet CMa ; 1.98; 28000;occ; 94; 0;39215
 14; 5600.2; 30-AUG-2009 17:01:55; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39215
 15; 5776.8; 30-AUG-2009 17:04:51; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39215
 16; 6500.3; 30-AUG-2009 17:16:55; Dark ; 56.0; 157; The1Eri ; 2.91; 9300;occ; 112; 0;39215
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 3; 2260.2; 30-AUG-2009 17:46:51; Bright; 48.0; 90; 54Alp Peg ; 2.49; 11000;occ; 96; 0;39216
 4; 2510.7; 30-AUG-2009 17:51:01; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;39216
 5; 3155.1; 30-AUG-2009 18:01:46; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39216
 6; 3284.4; 30-AUG-2009 18:03:55; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39216
 7; 4160.5; 30-AUG-2009 18:18:31; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;39216
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 11; 5297.8; 30-AUG-2009 18:37:28; Dark ; 66.0; 30; 46Eps Ori ; 1.69; 30000;occ; 132; 0;39216
 12; 5436.8; 30-AUG-2009 18:39:47; Dark ; 48.0; 47; 2Bet CMa ; 1.98; 28000;occ; 96; 0;39216
 13; 5601.3; 30-AUG-2009 18:42:32; Dark ; 55.5; 101; 11Alp Lep ; 2.58; 7000;occ; 111; 0;39216
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4; 2259.6; 30-AUG-2009 19:27:26; Bright; 47.5; 90; 54Alp Peg ; 2.49; 11000;occ; 95; 0;39217
5; 2510.2; 30-AUG-2009 19:31:37; Bright; 42.5; 164; 44Eta Peg ; 2.95; 5400;occ; 85; 0;39217
6; 3154.5; 30-AUG-2009 19:42:21; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39217
7; 3283.6; 30-AUG-2009 19:44:30; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39217
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9; 4377.8; 30-AUG-2009 20:02:44; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39217
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3; -430.2; 31-AUG-2009 01:25:00; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;39220
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6; 953.8; 31-AUG-2009 01:48:04; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;39221
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8; 1895.7; 31-AUG-2009 02:03:46; Bright; 39.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 78; 0;39221
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11; 3151.9; 31-AUG-2009 02:24:42; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;39221
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7; -429.0; 31-AUG-2009 03:05:37; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39221
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12; 1895.9; 31-AUG-2009 03:44:22; Bright; 56.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 112; 0;39222
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13; 1895.8; 31-AUG-2009 05:24:58; Bright; 56.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 112; 0;39223
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15; 2507.3; 31-AUG-2009 05:35:09; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39223
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11; 4155.9; 01-SEP-2009 00:29:13; Bright; 64.0; 6; 13Alp Aur ; 0.08; 3400;occ; 128; 0;39234
12; 4378.0; 01-SEP-2009 00:32:55; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39234
13; 4686.7; 01-SEP-2009 00:38:04; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;39234
14; 4792.4; 01-SEP-2009 00:39:49; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;39234
15; 5068.6; 01-SEP-2009 00:44:26; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;39234
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2; -1658.0; 31-AUG-2009 06:06:20; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;39223
3; -1352.6; 31-AUG-2009 06:11:25; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;39223
4; -1247.7; 31-AUG-2009 06:13:10; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;39223
5; -976.6; 31-AUG-2009 06:17:41; Dark ; 73.5; 14; 58Alp Ori ; 0.87; 3000;occ; 147; 0;39223
6; -730.1; 31-AUG-2009 06:21:48; Dark ; 66.0; 30; 46Eps Ori ; 1.69; 30000;occ; 132; 0;39223
7; -594.0; 31-AUG-2009 06:24:04; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39223
8; -426.7; 31-AUG-2009 06:26:51; Dark ; 58.0; 101; 11Alp Lep ; 2.58; 7000;occ; 116; 0;39223
9; -250.2; 31-AUG-2009 06:29:48; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39223
10; 474.1; 31-AUG-2009 06:41:52; Dark ; 56.5; 157; The1Eri ; 2.91; 9300;occ; 113; 0;39224
11; 955.8; 31-AUG-2009 06:49:54; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;39224
12; 1326.8; 31-AUG-2009 06:56:05; Dark ; 41.5; 18; 24Alp PsA ; 1.17; 9700;occ; 83; 0;39224
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2; 2255.8; 31-AUG-2009 07:11:34; Bright; 47.5; 90; 54Alp Peg ; 2.49; 11000;occ; 95; 0;39224
3; 2506.7; 31-AUG-2009 07:15:45; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39224
4; 3149.9; 31-AUG-2009 07:26:28; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39224
5; 3278.8; 31-AUG-2009 07:28:37; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39224
6; 4158.4; 31-AUG-2009 07:43:16; Bright; 63.5; 6; 13Alp Aur ; 0.08; 3400;occ; 127; 0;39224
7; 4378.1; 31-AUG-2009 07:46:56; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;39224

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8; 4683.6; 31-AUG-2009 07:52:02; Dark ; 59.0; 151; 13Mu Gem ; 2.89; 3000;occ; 118; 0;39224
 9; 4788.4; 31-AUG-2009 07:53:46; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;39224
 10; 5060.4; 31-AUG-2009 07:58:18; Dark ; 77.0; 14; 58Alp Ori ; 0.87; 3000;occ; 154; 0;39224
 11; 5307.1; 31-AUG-2009 08:02:25; Dark ; 64.0; 30; 46Eps Ori ; 1.69; 30000;occ; 128; 0;39224
 12; 5442.8; 31-AUG-2009 08:04:41; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39224
 13; 5610.4; 31-AUG-2009 08:07:28; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39224
 14; 5786.8; 31-AUG-2009 08:10:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39224
 15; 6511.6; 31-AUG-2009 08:22:30; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39224
 16; 6992.5; 31-AUG-2009 08:30:30; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;39224
 17; 7363.0; 31-AUG-2009 08:36:41; Dark ; 45.0; 18; 24Alp PsA ; 1.17; 9700;occ; 90; 0;39224

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 3; 2506.1; 31-AUG-2009 08:56:20; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39225
 4; 3149.4; 31-AUG-2009 09:07:03; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39225
 5; 3278.0; 31-AUG-2009 09:09:12; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;39225
 6; 4158.2; 31-AUG-2009 09:23:52; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;39225
 7; 4378.1; 31-AUG-2009 09:27:32; Bright; 50.0; 107; 37The Aur ; 2.65; 11000;occ; 100; 0;39225
 8; 4683.9; 31-AUG-2009 09:32:38; Dark ; 61.0; 151; 13Mu Gem ; 2.89; 3000;occ; 122; 0;39225
 9; 4788.9; 31-AUG-2009 09:34:23; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;39225
 10; 5061.2; 31-AUG-2009 09:38:55; Dark ; 70.5; 14; 58Alp Ori ; 0.87; 3000;occ; 141; 0;39225
 11; 5308.1; 31-AUG-2009 09:43:02; Dark ; 64.5; 30; 46Eps Ori ; 1.69; 30000;occ; 129; 0;39225
 12; 5443.4; 31-AUG-2009 09:45:17; Dark ; 42.5; 47; 2Bet CMA ; 1.98; 28000;occ; 85; 0;39225
 13; 5611.6; 31-AUG-2009 09:48:06; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;39225
 14; 5787.9; 31-AUG-2009 09:51:02; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39225
 15; 6512.6; 31-AUG-2009 10:03:06; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;39225
 16; 6993.1; 31-AUG-2009 10:11:07; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;39225
 17; 7363.2; 31-AUG-2009 10:17:17; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39225

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 2; 2254.7; 31-AUG-2009 10:32:44; Bright; 47.5; 90; 54Alp Peg ; 2.49; 11000;occ; 95; 0;39226
 3; 2505.7; 31-AUG-2009 10:36:55; Bright; 43.0; 164; 44Eta Peg ; 2.95; 5400;occ; 86; 0;39226
 4; 3148.7; 31-AUG-2009 10:47:39; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39226
 5; 3277.3; 31-AUG-2009 10:49:47; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39226
 6; 4157.9; 31-AUG-2009 11:04:28; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;39226
 7; 4378.2; 31-AUG-2009 11:08:08; Bright; 48.5; 107; 37The Aur ; 2.65; 11000;occ; 97; 0;39226
 8; 4684.2; 31-AUG-2009 11:13:14; Dark ; 64.0; 151; 13Mu Gem ; 2.89; 3000;occ; 128; 0;39226
 9; 4789.1; 31-AUG-2009 11:14:59; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39226
 10; 5061.9; 31-AUG-2009 11:19:32; Dark ; 75.0; 14; 58Alp Ori ; 0.87; 3000;occ; 150; 0;39226
 11; 5309.1; 31-AUG-2009 11:23:39; Dark ; 63.0; 30; 46Eps Ori ; 1.69; 30000;occ; 126; 0;39226
 12; 5444.1; 31-AUG-2009 11:25:54; Dark ; 47.5; 47; 2Bet CMA ; 1.98; 28000;occ; 95; 0;39226
 13; 5612.7; 31-AUG-2009 11:28:42; Dark ; 55.5; 101; 11Alp Lep ; 2.58; 7000;occ; 111; 0;39226
 14; 5789.0; 31-AUG-2009 11:31:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39226
 15; 6513.8; 31-AUG-2009 11:43:44; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39226
 16; 6993.6; 31-AUG-2009 11:51:43; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;39226
 17; 7363.4; 31-AUG-2009 11:57:53; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;39226

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 2; 2254.1; 31-AUG-2009 12:13:20; Bright; 49.0; 90; 54Alp Peg ; 2.49; 11000;occ; 98; 0;39227
 3; 2505.1; 31-AUG-2009 12:17:31; Bright; 41.0; 164; 44Eta Peg ; 2.95; 5400;occ; 82; 0;39227
 4; 3148.2; 31-AUG-2009 12:28:14; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;39227
 5; 3276.6; 31-AUG-2009 12:30:22; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;39227
 6; 4157.6; 31-AUG-2009 12:45:03; Bright; 73.0; 6; 13Alp Aur ; 0.08; 3400;occ; 146; 0;39227
 7; 4378.2; 31-AUG-2009 12:48:44; Bright; 51.5; 107; 37The Aur ; 2.65; 11000;occ; 103; 0;39227
 8; 4684.5; 31-AUG-2009 12:53:50; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;39227
 9; 4789.7; 31-AUG-2009 12:55:35; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;39227
 10; 5062.8; 31-AUG-2009 13:00:08; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;39227
 11; 5310.3; 31-AUG-2009 13:04:16; Dark ; 59.0; 30; 46Eps Ori ; 1.69; 30000;occ; 118; 0;39227
 12; 5445.0; 31-AUG-2009 13:06:31; Dark ; 47.0; 47; 2Bet CMA ; 1.98; 28000;occ; 94; 0;39227
 13; 5613.9; 31-AUG-2009 13:09:19; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;39227
 14; 5790.2; 31-AUG-2009 13:12:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39227
 15; 6515.1; 31-AUG-2009 13:24:21; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;39227
 16; 6994.1; 31-AUG-2009 13:32:20; Dark ; 48.0; 84; Alp Phe ; 2.40; 4500;occ; 96; 0;39227
 17; 7363.8; 31-AUG-2009 13:38:29; Dark ; 45.5; 18; 24Alp PsA ; 1.17; 9700;occ; 91; 0;39227

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 2; 2504.8; 31-AUG-2009 13:58:06; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;39228
 3; 3147.5; 31-AUG-2009 14:08:49; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;39228


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4; 3275.8; 31-AUG-2009 14:10:57; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;39228
5; 4157.6; 31-AUG-2009 14:25:39; Bright; 62.0; 6; 13Alp Aur ; 0.08; 3400;occ; 124; 0;39228
6; 4378.3; 31-AUG-2009 14:29:20; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;39228
7; 4684.9; 31-AUG-2009 14:34:26; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;39228
8; 4790.1; 31-AUG-2009 14:36:12; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;39228
9; 5063.8; 31-AUG-2009 14:40:45; Dark ; 70.0; 14; 58Alp Ori ; 0.87; 3000;occ; 140; 0;39228
10; 5311.7; 31-AUG-2009 14:44:53; Dark ; 65.0; 30; 46Eps Ori ; 1.69; 30000;occ; 130; 0;39228
11; 5445.8; 31-AUG-2009 14:47:07; Dark ; 46.5; 47; 2Bet CMA ; 1.98; 28000;occ; 93; 0;39228
12; 5615.1; 31-AUG-2009 14:49:57; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;39228
13; 5791.4; 31-AUG-2009 14:52:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39228
14; 6516.3; 31-AUG-2009 15:04:58; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;39228
15; 6994.7; 31-AUG-2009 15:12:56; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;39228
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2; 2253.0; 31-AUG-2009 15:34:30; Bright; 47.5; 90; 54Alp Peg ; 2.49; 11000;occ; 95; 0;39229
3; 2504.2; 31-AUG-2009 15:38:42; Bright; 55.5; 164; 44Eta Peg ; 2.95; 5400;occ; 111; 0;39229
4; 3146.9; 31-AUG-2009 15:49:24; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;39229
5; 3275.1; 31-AUG-2009 15:51:33; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;39229
6; 4157.4; 31-AUG-2009 16:06:15; Bright; 58.5; 6; 13Alp Aur ; 0.08; 3400;occ; 117; 0;39229
7; 4378.1; 31-AUG-2009 16:09:56; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;39229
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9; 4790.5; 31-AUG-2009 16:16:48; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;39229
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12; 5446.5; 31-AUG-2009 16:27:44; Dark ; 48.0; 47; 2Bet CMA ; 1.98; 28000;occ; 96; 0;39229
13; 5616.3; 31-AUG-2009 16:30:34; Dark ; 56.0; 101; 11Alp Lep ; 2.58; 7000;occ; 112; 0;39229
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3; 2503.7; 31-AUG-2009 17:19:17; Bright; 64.0; 164; 44Eta Peg ; 2.95; 5400;occ; 128; 0;39230
4; 3146.3; 31-AUG-2009 17:30:00; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;39230
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7; 4378.2; 31-AUG-2009 17:50:32; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;39230
8; 4685.5; 31-AUG-2009 17:55:39; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;39230
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11; 5447.4; 31-AUG-2009 18:08:21; Dark ; 45.5; 47; 2Bet CMA ; 1.98; 28000;occ; 91; 0;39230
12; 5617.6; 31-AUG-2009 18:11:11; Dark ; 58.5; 101; 11Alp Lep ; 2.58; 7000;occ; 117; 0;39230
13; 5793.7; 31-AUG-2009 18:14:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;39230
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8; 4685.8; 31-AUG-2009 19:36:15; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;39231
9; 4791.2; 31-AUG-2009 19:38:01; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;39231
10; 5315.1; 31-AUG-2009 19:46:45; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;39231
11; 5447.9; 31-AUG-2009 19:48:57; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;39231
12; 5618.7; 31-AUG-2009 19:51:48; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;39231
13; 5794.8; 31-AUG-2009 19:54:44; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;39231
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15; 6996.5; 31-AUG-2009 20:14:46; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;39231

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