

GOMOS Daily Report 13-DEC-2010

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 | 16DEC2010 04:58:09 |
| Data source version | GOMOS/5.01 |
| Start time of products | 13DEC2010 00:00:12 |
| Stop time of products | 13DEC2010 23:56:31 |
| Store outputs in DB | Yes |
| Nb of level 1b prods | 189 |
| Nb of prods with errors | 0 |

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

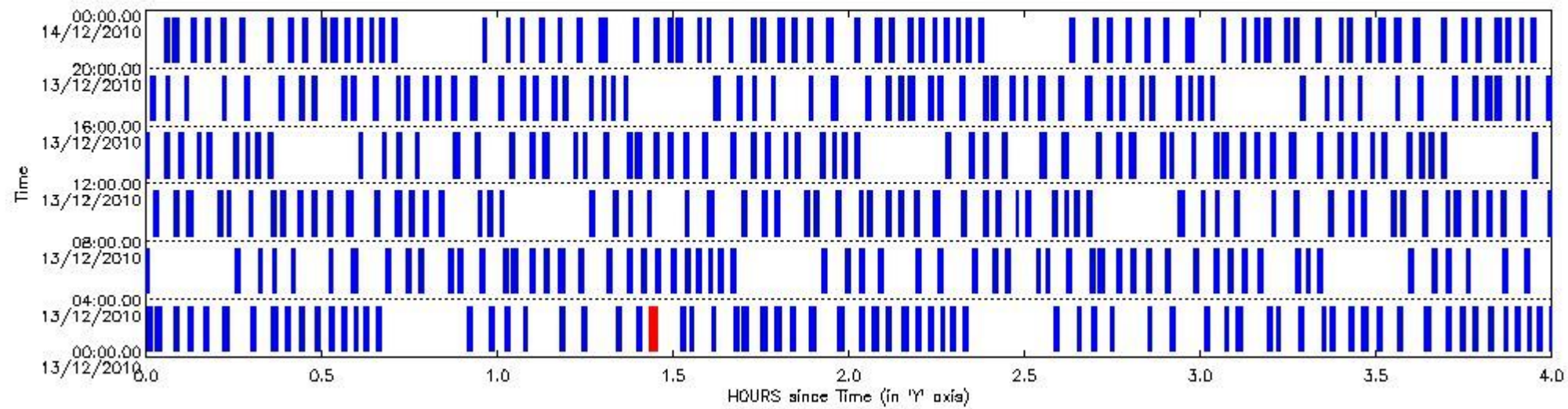
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

| UTC start time | Star name | Star ID | Orbit |
|----------------------|-----------|---------|-------|
| 13-DEC-2010 01:25:50 | 4GamCrv | 100 | 45936 |

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_1PNPDE20101213_000012_000000433097_00232_45936_6265.N1 | 13-DEC-2010 00:00:12 | Dark | 42.500 | 71 | Iot Car | 2.2460 | 7700.0 | 85 | 45936 | No |
| 2 | GOM_TRA_1PNPDE20101213_000446_000000533097_00232_45936_6266.N1 | 13-DEC-2010 00:04:46 | Dark | 53.000 | 34 | Gam2Vel | 1.7930 | 23000. | 106 | 45936 | No |
| 3 | GOM_TRA_1PNPDE20101213_000708_000000533097_00232_45936_6267.N1 | 13-DEC-2010 00:07:08 | Dark | 52.500 | 2 | Alp Car | -0.73600 | 7000.0 | 105 | 45936 | No |
| 4 | GOM_TRA_1PNPDE20101213_000942_000000563097_00232_45936_6268.N1 | 13-DEC-2010 00:09:42 | Dark | 55.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 111 | 45936 | No |
| 5 | GOM_TRA_1PNPDE20101213_001303_000000573097_00232_45936_6269.N1 | 13-DEC-2010 00:13:03 | Straylight | 56.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 113 | 45936 | No |
| 6 | GOM_TRA_1PNPDE20101213_001748_000000553097_00232_45936_6270.N1 | 13-DEC-2010 00:17:48 | Straylight | 54.500 | 47 | 2Bet CMa | 1.9760 | 28000. | 109 | 45936 | No |
| 7 | GOM_TRA_1PNPDE20101213_002126_000000563097_00232_45936_6271.N1 | 13-DEC-2010 00:21:26 | Straylight | 55.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 111 | 45936 | No |
| 8 | GOM_TRA_1PNPDE20101213_002347_000000503097_00232_45936_6272.N1 | 13-DEC-2010 00:23:47 | Straylight | 49.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 99 | 45936 | No |
| 9 | GOM_TRA_1PNPDE20101213_002611_000000503097_00232_45936_6273.N1 | 13-DEC-2010 00:26:11 | Twilight_stray | 50.000 | 27 | 24Gam Ori | 1.6360 | 26000. | 100 | 45936 | No |
| 10 | GOM_TRA_1PNPDE20101213_002850_000000553097_00232_45936_6274.N1 | 13-DEC-2010 00:28:50 | Twilight_stray | 54.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 109 | 45936 | No |

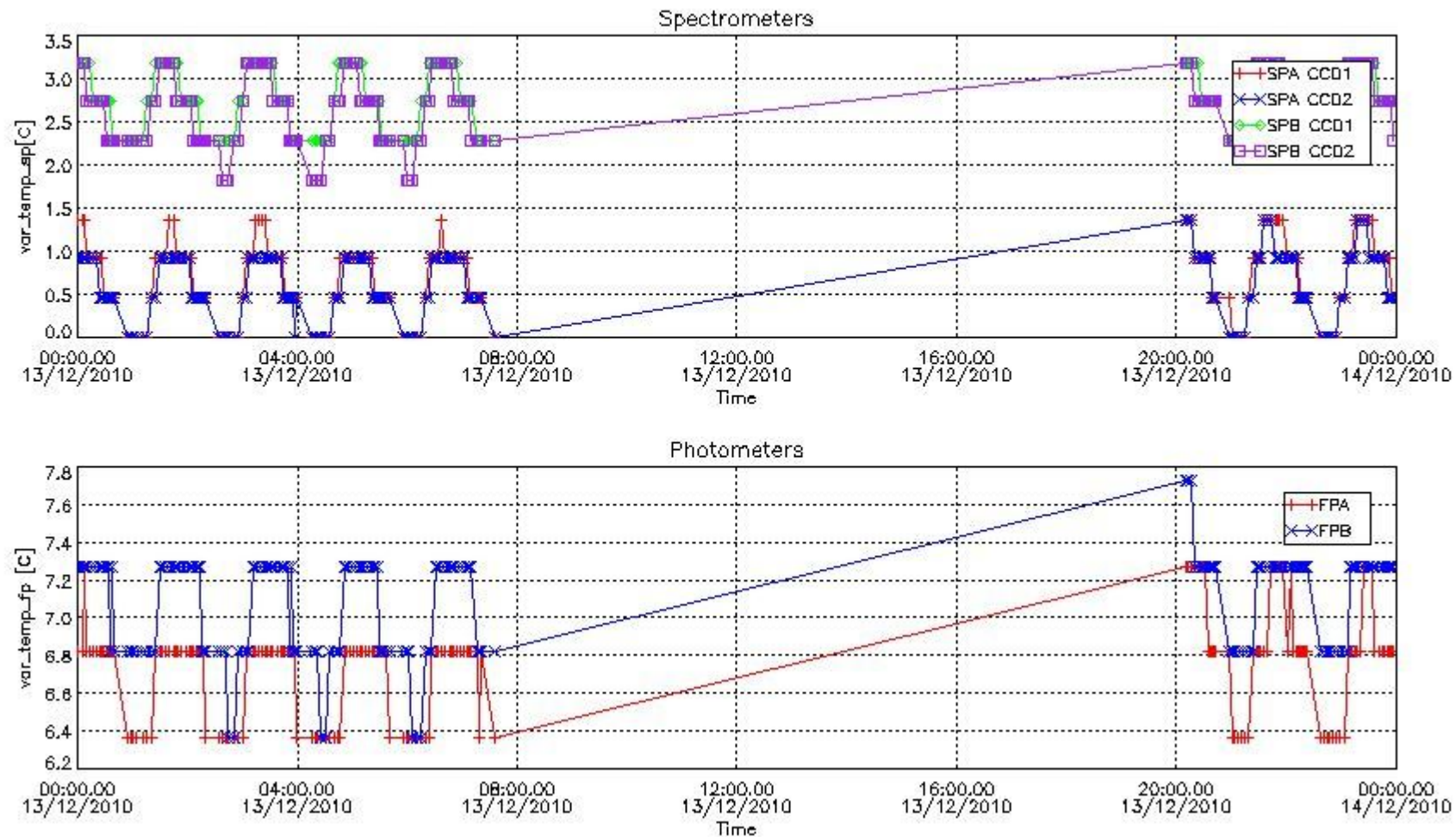
| | | | | | | | | | | | |
|----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 11 | GOM_TRA_1PNPDE20101213_003119_000000453097_00232_45936_6275.N1 | 13-DEC-2010 00:31:19 | Bright | 44.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 89 | 45936 | No |
| 12 | GOM_TRA_1PNPDE20101213_003321_000000443097_00232_45936_6276.N1 | 13-DEC-2010 00:33:21 | Bright | 44.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 88 | 45936 | No |
| 13 | GOM_TRA_1PNPDE20101213_003525_000000363097_00232_45936_6277.N1 | 13-DEC-2010 00:35:25 | Bright | 36.000 | 149 | 45Eps Per | 2.8880 | 30000. | 72 | 45936 | No |
| 14 | GOM_TRA_1PNPDE20101213_003707_000000463097_00232_45936_6278.N1 | 13-DEC-2010 00:37:07 | Bright | 45.500 | 107 | 37The Aur | 2.6490 | 11000. | 91 | 45936 | No |
| 15 | GOM_TRA_1PNPDE20101213_003914_000000443097_00232_45936_6279.N1 | 13-DEC-2010 00:39:14 | Bright | 43.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 87 | 45936 | No |
| 16 | GOM_TRA_1PNPDE20101213_005440_000000493097_00232_45936_6280.N1 | 13-DEC-2010 00:54:40 | Bright | 49.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 98 | 45936 | No |
| 17 | GOM_TRA_1PNPDE20101213_005840_000000413097_00232_45936_6281.N1 | 13-DEC-2010 00:58:40 | Bright | 40.500 | 32 | 77Eps UMa | 1.7630 | 11000. | 81 | 45936 | No |
| 18 | GOM_TRA_1PNPDE20101213_010108_000000573097_00232_45936_6282.N1 | 13-DEC-2010 01:01:08 | Bright | 57.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 114 | 45936 | No |
| 19 | GOM_TRA_1PNPDE20101213_010422_000000453097_00232_45936_6283.N1 | 13-DEC-2010 01:04:22 | Bright | 44.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 89 | 45936 | No |
| 20 | GOM_TRA_1PNPDE20101213_011044_000000403097_00232_45936_6284.N1 | 13-DEC-2010 01:10:44 | Bright | 39.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 79 | 45936 | No |
| 21 | GOM_TRA_1PNPDE20101213_011426_000000493097_00232_45936_6285.N1 | 13-DEC-2010 01:14:26 | Bright | 49.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 98 | 45936 | No |
| 22 | GOM_TRA_1PNPDE20101213_012022_000000503097_00232_45936_6299.N1 | 13-DEC-2010 01:20:22 | Twilight | 49.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 99 | 45936 | No |
| 23 | GOM_TRA_1PNPDE20101213_012350_000000453097_00232_45936_6300.N1 | 13-DEC-2010 01:23:50 | Twilight | 44.500 | 169 | 46Gam Hya | 2.9910 | 4700.0 | 89 | 45936 | No |
| 24 | GOM_TRA_1PNPDE20101213_013113_000000423097_00232_45936_6301.N1 | 13-DEC-2010 01:31:13 | Dark | 41.500 | 64 | Gam Cen | 2.2000 | 10600. | 83 | 45936 | No |
| 25 | GOM_TRA_1PNPDE20101213_013248_000000423097_00233_45937_6302.N1 | 13-DEC-2010 01:32:48 | Dark | 42.000 | 99 | Del Cen | 2.5750 | 26000. | 84 | 45937 | No |
| 26 | GOM_TRA_1PNPDE20101213_013629_000000463097_00233_45937_6303.N1 | 13-DEC-2010 01:36:29 | Dark | 46.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 92 | 45937 | No |
| 27 | GOM_TRA_1PNPDE20101213_014027_000000423097_00233_45937_6304.N1 | 13-DEC-2010 01:40:27 | Dark | 42.000 | 71 | lot Car | 2.2460 | 7700.0 | 84 | 45937 | No |
| 28 | GOM_TRA_1PNPDE20101213_014501_000000533097_00233_45937_6305.N1 | 13-DEC-2010 01:45:01 | Dark | 52.500 | 34 | Gam2Vel | 1.7930 | 23000. | 105 | 45937 | No |
| 29 | GOM_TRA_1PNPDE20101213_014722_000000533097_00233_45937_6306.N1 | 13-DEC-2010 01:47:22 | Dark | 53.000 | 2 | Alp Car | -0.73600 | 7000.0 | 106 | 45937 | No |
| 30 | GOM_TRA_1PNPDE20101213_014957_000000593097_00233_45937_6307.N1 | 13-DEC-2010 01:49:57 | Dark | 58.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 117 | 45937 | No |
| 31 | GOM_TRA_1PNPDE20101213_015317_000000573097_00233_45937_6308.N1 | 13-DEC-2010 01:53:17 | Straylight | 57.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 114 | 45937 | No |
| 32 | GOM_TRA_1PNPDE20101213_015803_000000563097_00233_45937_6309.N1 | 13-DEC-2010 01:58:03 | Straylight | 55.500 | 47 | 2Bet CMa | 1.9760 | 28000. | 111 | 45937 | No |
| 33 | GOM_TRA_1PNPDE20101213_020140_000000533097_00233_45937_6310.N1 | 13-DEC-2010 02:01:40 | Straylight | 52.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 105 | 45937 | No |
| 34 | GOM_TRA_1PNPDE20101213_020401_000000513097_00233_45937_6311.N1 | 13-DEC-2010 02:04:01 | Straylight | 51.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 102 | 45937 | No |
| 35 | GOM_TRA_1PNPDE20101213_020625_000000513097_00233_45937_6312.N1 | 13-DEC-2010 02:06:25 | Twilight | 51.000 | 27 | 24Gam Ori | 1.6360 | 26000. | 102 | 45937 | No |
| 36 | GOM_TRA_1PNPDE20101213_020904_000000563097_00233_45937_6313.N1 | 13-DEC-2010 02:09:04 | Twilight | 56.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 112 | 45937 | No |
| 37 | GOM_TRA_1PNPDE20101213_021132_000000463097_00233_45937_6314.N1 | 13-DEC-2010 02:11:32 | Bright | 45.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 91 | 45937 | No |
| 38 | GOM_TRA_1PNPDE20101213_021334_000000443097_00233_45937_6315.N1 | 13-DEC-2010 02:13:34 | Bright | 43.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 87 | 45937 | No |
| 39 | GOM_TRA_1PNPDE20101213_021538_000000373097_00233_45937_6316.N1 | 13-DEC-2010 02:15:38 | Bright | 36.500 | 149 | 45Eps Per | 2.8880 | 30000. | 73 | 45937 | No |
| 40 | GOM_TRA_1PNPDE20101213_021720_000000463097_00233_45937_6317.N1 | 13-DEC-2010 02:17:20 | Bright | 46.000 | 107 | 37The Aur | 2.6490 | 11000. | 92 | 45937 | No |
| 41 | GOM_TRA_1PNPDE20101213_021927_000000453097_00233_45937_6318.N1 | 13-DEC-2010 02:19:27 | Bright | 45.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 90 | 45937 | No |
| 42 | GOM_TRA_1PNPDE20101213_023453_000000493097_00233_45937_6319.N1 | 13-DEC-2010 02:34:53 | Bright | 49.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 98 | 45937 | No |
| 43 | GOM_TRA_1PNPDE20101213_023854_000000403097_00233_45937_6320.N1 | 13-DEC-2010 02:38:54 | Bright | 40.000 | 32 | 77Eps UMa | 1.7630 | 11000. | 80 | 45937 | No |
| 44 | GOM_TRA_1PNPDE20101213_024122_000000573097_00233_45937_6321.N1 | 13-DEC-2010 02:41:22 | Bright | 57.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 114 | 45937 | No |
| 45 | GOM_TRA_1PNPDE20101213_024436_000000363097_00233_45937_6322.N1 | 13-DEC-2010 02:44:36 | Bright | 36.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 72 | 45937 | No |
| 46 | GOM_TRA_1PNPDE20101213_025058_000000393097_00233_45937_6323.N1 | 13-DEC-2010 02:50:58 | Bright | 39.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 78 | 45937 | No |
| 47 | GOM_TRA_1PNPDE20101213_025441_000000493097_00233_45937_6324.N1 | 13-DEC-2010 02:54:41 | Bright | 49.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 98 | 45937 | No |
| 48 | GOM_TRA_1PNPDE20101213_030036_000000523097_00233_45937_6325.N1 | 13-DEC-2010 03:00:36 | Twilight | 52.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 104 | 45937 | No |
| 49 | GOM_TRA_1PNPDE20101213_030405_000000443097_00233_45937_6326.N1 | 13-DEC-2010 03:04:05 | Twilight | 43.500 | 169 | 46Gam Hya | 2.9910 | 4700.0 | 87 | 45937 | No |
| 50 | GOM_TRA_1PNPDE20101213_030609_000000553097_00233_45937_6327.N1 | 13-DEC-2010 03:06:09 | Dark | 54.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 109 | 45937 | No |
| 51 | GOM_TRA_1PNPDE20101213_031128_000000403097_00233_45937_6328.N1 | 13-DEC-2010 03:11:28 | Dark | 40.000 | 64 | Gam Cen | 2.2000 | 10600. | 80 | 45937 | No |
| 52 | GOM_TRA_1PNPDE20101213_031303_000000393097_00234_45938_6329.N1 | 13-DEC-2010 03:13:03 | Dark | 39.000 | 99 | Del Cen | 2.5750 | 26000. | 78 | 45938 | No |
| 53 | GOM_TRA_1PNPDE20101213_031643_000000463097_00234_45938_6330.N1 | 13-DEC-2010 03:16:43 | Dark | 46.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 92 | 45938 | No |
| 54 | GOM_TRA_1PNPDE20101213_032041_000000423097_00234_45938_6331.N1 | 13-DEC-2010 03:20:41 | Dark | 41.500 | 71 | lot Car | 2.2460 | 7700.0 | 83 | 45938 | No |
| 55 | GOM_TRA_1PNPDE20101213_032516_000000493097_00234_45938_6332.N1 | 13-DEC-2010 03:25:16 | Dark | 48.500 | 34 | Gam2Vel | 1.7930 | 23000. | 97 | 45938 | No |
| 56 | GOM_TRA_1PNPDE20101213_032737_000000503097_00234_45938_6333.N1 | 13-DEC-2010 03:27:37 | Dark | 50.000 | 2 | Alp Car | -0.73600 | 7000.0 | 100 | 45938 | No |
| 57 | GOM_TRA_1PNPDE20101213_033011_000000523097_00234_45938_6334.N1 | 13-DEC-2010 03:30:11 | Dark | 51.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 103 | 45938 | No |
| 58 | GOM_TRA_1PNPDE20101213_033332_000000583097_00234_45938_6335.N1 | 13-DEC-2010 03:33:32 | Straylight | 57.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 115 | 45938 | No |
| 59 | GOM_TRA_1PNPDE20101213_033817_000000543097_00234_45938_6336.N1 | 13-DEC-2010 03:38:17 | Straylight | 54.000 | 47 | 2Bet CMa | 1.9760 | 28000. | 108 | 45938 | No |
| 60 | GOM_TRA_1PNPDE20101213_034154_000000563097_00234_45938_6337.N1 | 13-DEC-2010 03:41:54 | Straylight | 56.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 112 | 45938 | No |
| 61 | GOM_TRA_1PNPDE20101213_034415_000000513097_00234_45938_6338.N1 | 13-DEC-2010 03:44:15 | Straylight | 51.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 102 | 45938 | No |
| 62 | GOM_TRA_1PNPDE20101213_034639_000000483097_00234_45938_6339.N1 | 13-DEC-2010 03:46:39 | Twilight | 48.000 | 27 | 24Gam Ori | 1.6360 | 26000. | 96 | 45938 | No |
| 63 | GOM_TRA_1PNPDE20101213_034918_000000493097_00234_45938_6340.N1 | 13-DEC-2010 03:49:18 | Twilight | 49.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 98 | 45938 | No |
| 64 | GOM_TRA_1PNPDE20101213_035146_000000473097_00234_45938_6341.N1 | 13-DEC-2010 03:51:46 | Bright | 46.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 93 | 45938 | No |
| 65 | GOM_TRA_1PNPDE20101213_035348_000000453097_00234_45938_6342.N1 | 13-DEC-2010 03:53:48 | Bright | 44.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 89 | 45938 | No |
| 66 | GOM_TRA_1PNPDE20101213_035552_000000363097_00234_45938_6343.N1 | 13-DEC-2010 03:55:52 | Bright | 36.000 | 149 | 45Eps Per | 2.8880 | 30000. | 72 | 45938 | No |
| 67 | GOM_TRA_1PNPDE20101213_035733_000000473097_00234_45938_6344.N1 | 13-DEC-2010 03:57:33 | Bright | 46.500 | 107 | 37The Aur | 2.6490 | 11000. | 93 | 45938 | No |
| 68 | GOM_TRA_1PNPDE20101213_035941_000000453097_00234_45938_6345.N1 | 13-DEC-2010 03:59:41 | Bright | 44.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 89 | 45938 | No |
| 69 | GOM_TRA_1PNPDE20101213_041507_000000483097_00234_45938_6334.N1 | 13-DEC-2010 04:15:07 | Bright | 47.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 95 | 45938 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 70 | GOM_TRA_1PNPDE20101213_041908_000000413097_00234_45938_6335.N1 | 13-DEC-2010 04:19:08 | Bright | 40.500 | 32 | 77Eps UMa | 1.7630 | 11000. | 81 | 45938 | No |
| 71 | GOM_TRA_1PNPDE20101213_042136_000000393097_00234_45938_6336.N1 | 13-DEC-2010 04:21:36 | Bright | 39.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 78 | 45938 | No |
| 72 | GOM_TRA_1PNPDE20101213_042451_000000363097_00234_45938_6337.N1 | 13-DEC-2010 04:24:51 | Bright | 36.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 72 | 45938 | No |
| 73 | GOM_TRA_1PNPDE20101213_043113_000000403097_00234_45938_6338.N1 | 13-DEC-2010 04:31:13 | Bright | 39.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 79 | 45938 | No |
| 74 | GOM_TRA_1PNPDE20101213_043456_000000703097_00234_45938_6339.N1 | 13-DEC-2010 04:34:56 | Bright | 70.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 140 | 45938 | No |
| 75 | GOM_TRA_1PNPDE20101213_044051_000000503097_00234_45938_6340.N1 | 13-DEC-2010 04:40:51 | Twilight | 49.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 99 | 45938 | No |
| 76 | GOM_TRA_1PNPDE20101213_044420_000000453097_00234_45938_6341.N1 | 13-DEC-2010 04:44:20 | Twilight | 45.000 | 169 | 46Gam Hya | 2.9910 | 4700.0 | 90 | 45938 | No |
| 77 | GOM_TRA_1PNPDE20101213_044625_000000533097_00234_45938_6342.N1 | 13-DEC-2010 04:46:25 | Dark | 53.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 106 | 45938 | No |
| 78 | GOM_TRA_1PNPDE20101213_045143_000000423097_00234_45938_6343.N1 | 13-DEC-2010 04:51:43 | Dark | 42.000 | 64 | Gam Cen | 2.2000 | 10600. | 84 | 45938 | No |
| 79 | GOM_TRA_1PNPDE20101213_045317_000000423097_00235_45939_6344.N1 | 13-DEC-2010 04:53:17 | Dark | 41.500 | 99 | Del Cen | 2.5750 | 26000. | 83 | 45939 | No |
| 80 | GOM_TRA_1PNPDE20101213_045659_000000473097_00235_45939_6345.N1 | 13-DEC-2010 04:56:59 | Dark | 46.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 93 | 45939 | No |
| 81 | GOM_TRA_1PNPDE20101213_050056_000000433097_00235_45939_6346.N1 | 13-DEC-2010 05:00:56 | Dark | 42.500 | 71 | lot Car | 2.2460 | 7700.0 | 85 | 45939 | No |
| 82 | GOM_TRA_1PNPDE20101213_050530_000000483097_00235_45939_6347.N1 | 13-DEC-2010 05:05:30 | Dark | 47.500 | 34 | Gam2Vel | 1.7930 | 23000. | 95 | 45939 | No |
| 83 | GOM_TRA_1PNPDE20101213_050752_000000563097_00235_45939_6348.N1 | 13-DEC-2010 05:07:52 | Dark | 56.000 | 2 | Alp Car | -0.73600 | 7000.0 | 112 | 45939 | No |
| 84 | GOM_TRA_1PNPDE20101213_051026_000000543097_00235_45939_6349.N1 | 13-DEC-2010 05:10:26 | Dark | 53.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 107 | 45939 | No |
| 85 | GOM_TRA_1PNPDE20101213_051347_000000573097_00235_45939_6350.N1 | 13-DEC-2010 05:13:47 | Straylight | 56.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 113 | 45939 | No |
| 86 | GOM_TRA_1PNPDE20101213_051831_000000553097_00235_45939_6351.N1 | 13-DEC-2010 05:18:31 | Straylight | 55.000 | 47 | 2Bet CMa | 1.9760 | 28000. | 110 | 45939 | No |
| 87 | GOM_TRA_1PNPDE20101213_052208_000000543097_00235_45939_6352.N1 | 13-DEC-2010 05:22:08 | Straylight | 53.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 107 | 45939 | No |
| 88 | GOM_TRA_1PNPDE20101213_052429_000000523097_00235_45939_6353.N1 | 13-DEC-2010 05:24:29 | Straylight | 51.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 103 | 45939 | No |
| 89 | GOM_TRA_1PNPDE20101213_052653_000000513097_00235_45939_6354.N1 | 13-DEC-2010 05:26:53 | Twilight | 51.000 | 27 | 24Gam Ori | 1.6360 | 26000. | 102 | 45939 | No |
| 90 | GOM_TRA_1PNPDE20101213_052932_000000563097_00235_45939_6355.N1 | 13-DEC-2010 05:29:32 | Twilight | 55.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 111 | 45939 | No |
| 91 | GOM_TRA_1PNPDE20101213_053200_000000463097_00235_45939_6356.N1 | 13-DEC-2010 05:32:00 | Bright | 45.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 91 | 45939 | No |
| 92 | GOM_TRA_1PNPDE20101213_053402_000000443097_00235_45939_6357.N1 | 13-DEC-2010 05:34:02 | Bright | 43.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 87 | 45939 | No |
| 93 | GOM_TRA_1PNPDE20101213_053607_000000353097_00235_45939_6358.N1 | 13-DEC-2010 05:36:07 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 45939 | No |
| 94 | GOM_TRA_1PNPDE20101213_053747_000000453097_00235_45939_6359.N1 | 13-DEC-2010 05:37:47 | Bright | 45.000 | 107 | 37The Aur | 2.6490 | 11000. | 90 | 45939 | No |
| 95 | GOM_TRA_1PNPDE20101213_053954_000000463097_00235_45939_6360.N1 | 13-DEC-2010 05:39:54 | Bright | 45.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 91 | 45939 | No |
| 96 | GOM_TRA_1PNPDE20101213_055521_000000483097_00235_45939_6359.N1 | 13-DEC-2010 05:55:21 | Bright | 47.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 95 | 45939 | No |
| 97 | GOM_TRA_1PNPDE20101213_055922_000000433097_00235_45939_6360.N1 | 13-DEC-2010 05:59:22 | Bright | 43.000 | 32 | 77Eps UMa | 1.7630 | 11000. | 86 | 45939 | No |
| 98 | GOM_TRA_1PNPDE20101213_060150_000000393097_00235_45939_6361.N1 | 13-DEC-2010 06:01:50 | Bright | 38.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 77 | 45939 | No |
| 99 | GOM_TRA_1PNPDE20101213_060505_000000363097_00235_45939_6362.N1 | 13-DEC-2010 06:05:05 | Bright | 36.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 72 | 45939 | No |
| 100 | GOM_TRA_1PNPDE20101213_061127_000000403097_00235_45939_6363.N1 | 13-DEC-2010 06:11:27 | Bright | 40.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 80 | 45939 | No |
| 101 | GOM_TRA_1PNPDE20101213_061511_000000483097_00235_45939_6364.N1 | 13-DEC-2010 06:15:11 | Bright | 48.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 96 | 45939 | No |
| 102 | GOM_TRA_1PNPDE20101213_062106_000000493097_00235_45939_6365.N1 | 13-DEC-2010 06:21:06 | Twilight | 48.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 97 | 45939 | No |
| 103 | GOM_TRA_1PNPDE20101213_062434_000000453097_00235_45939_6366.N1 | 13-DEC-2010 06:24:34 | Twilight | 44.500 | 169 | 46Gam Hya | 2.9910 | 4700.0 | 89 | 45939 | No |
| 104 | GOM_TRA_1PNPDE20101213_062640_000000563097_00235_45939_6367.N1 | 13-DEC-2010 06:26:40 | Dark | 55.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 111 | 45939 | No |
| 105 | GOM_TRA_1PNPDE20101213_063158_000000443097_00235_45939_6368.N1 | 13-DEC-2010 06:31:58 | Dark | 44.000 | 64 | Gam Cen | 2.2000 | 10600. | 88 | 45939 | No |
| 106 | GOM_TRA_1PNPDE20101213_063332_000000443097_00236_45940_6369.N1 | 13-DEC-2010 06:33:32 | Dark | 43.500 | 99 | Del Cen | 2.5750 | 26000. | 87 | 45940 | No |
| 107 | GOM_TRA_1PNPDE20101213_063713_000000473097_00236_45940_6370.N1 | 13-DEC-2010 06:37:13 | Dark | 46.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 93 | 45940 | No |
| 108 | GOM_TRA_1PNPDE20101213_064111_000000443097_00236_45940_6371.N1 | 13-DEC-2010 06:41:11 | Dark | 43.500 | 71 | lot Car | 2.2460 | 7700.0 | 87 | 45940 | No |
| 109 | GOM_TRA_1PNPDE20101213_064545_000000513097_00236_45940_6372.N1 | 13-DEC-2010 06:45:45 | Dark | 50.500 | 34 | Gam2Vel | 1.7930 | 23000. | 101 | 45940 | No |
| 110 | GOM_TRA_1PNPDE20101213_064806_000000503097_00236_45940_6373.N1 | 13-DEC-2010 06:48:06 | Dark | 50.000 | 2 | Alp Car | -0.73600 | 7000.0 | 100 | 45940 | No |
| 111 | GOM_TRA_1PNPDE20101213_065041_000000513097_00236_45940_6374.N1 | 13-DEC-2010 06:50:41 | Dark | 51.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 102 | 45940 | No |
| 112 | GOM_TRA_1PNPDE20101213_065401_000000563097_00236_45940_6375.N1 | 13-DEC-2010 06:54:01 | Straylight | 55.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 111 | 45940 | No |
| 113 | GOM_TRA_1PNPDE20101213_065845_000000543097_00236_45940_6376.N1 | 13-DEC-2010 06:58:45 | Straylight | 53.500 | 47 | 2Bet CMa | 1.9760 | 28000. | 107 | 45940 | No |
| 114 | GOM_TRA_1PNPDE20101213_070222_000000533097_00236_45940_6377.N1 | 13-DEC-2010 07:02:22 | Straylight | 52.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 105 | 45940 | No |
| 115 | GOM_TRA_1PNPDE20101213_070443_000000523097_00236_45940_6378.N1 | 13-DEC-2010 07:04:43 | Straylight | 51.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 103 | 45940 | No |
| 116 | GOM_TRA_1PNPDE20101213_070707_000000473097_00236_45940_6379.N1 | 13-DEC-2010 07:07:07 | Twilight | 46.500 | 27 | 24Gam Ori | 1.6360 | 26000. | 93 | 45940 | No |
| 117 | GOM_TRA_1PNPDE20101213_070946_000000553097_00236_45940_6380.N1 | 13-DEC-2010 07:09:46 | Twilight | 55.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 110 | 45940 | No |
| 118 | GOM_TRA_1PNPDE20101213_071621_000000363097_00236_45940_6381.N1 | 13-DEC-2010 07:16:21 | Bright | 35.500 | 149 | 45Eps Per | 2.8880 | 30000. | 71 | 45940 | No |
| 119 | GOM_TRA_1PNPDE20101213_071800_000000463097_00236_45940_6382.N1 | 13-DEC-2010 07:18:00 | Bright | 46.000 | 107 | 37The Aur | 2.6490 | 11000. | 92 | 45940 | No |
| 120 | GOM_TRA_1PNPDE20101213_072008_000000453097_00236_45940_6383.N1 | 13-DEC-2010 07:20:08 | Bright | 44.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 89 | 45940 | No |
| 121 | GOM_TRA_1PNPDE20101213_073534_000000483097_00236_45940_6384.N1 | 13-DEC-2010 07:35:34 | Bright | 47.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 95 | 45940 | No |
| 122 | GOM_TRA_1PNPDE20101213_201001_000000463097_00244_45948_6472.N1 | 13-DEC-2010 20:10:01 | Dark | 46.000 | 2 | Alp Car | -0.73600 | 7000.0 | 92 | 45948 | No |
| 123 | GOM_TRA_1PNPDE20101213_201238_000000573097_00244_45948_6473.N1 | 13-DEC-2010 20:12:38 | Dark | 57.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 114 | 45948 | No |
| 124 | GOM_TRA_1PNPDE20101213_201557_000000563097_00244_45948_6474.N1 | 13-DEC-2010 20:15:57 | Straylight | 55.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 111 | 45948 | No |
| 125 | GOM_TRA_1PNPDE20101213_202039_000000573097_00244_45948_6475.N1 | 13-DEC-2010 20:20:39 | Straylight | 56.500 | 47 | 2Bet CMa | 1.9760 | 28000. | 113 | 45948 | No |
| 126 | GOM_TRA_1PNPDE20101213_202415_000000573097_00244_45948_6476.N1 | 13-DEC-2010 20:24:15 | Straylight | 56.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 113 | 45948 | No |
| 127 | GOM_TRA_1PNPDE20101213_202634_000000493097_00244_45948_6477.N1 | 13-DEC-2010 20:26:34 | Straylight | 48.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 97 | 45948 | No |
| 128 | GOM_TRA_1PNPDE20101213_202950_000000503097_00244_45948_6478.N1 | 13-DEC-2010 20:29:50 | Twilight | 50.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 100 | 45948 | No |

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|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 129 | GOM_TRA_1PNPDE20101213_203138_000000553097_00244_45948_6479.N1 | 13-DEC-2010 20:31:38 | Twilight | 55.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 110 | 45948 | No |
| 130 | GOM_TRA_1PNPDE20101213_203402_000000463097_00244_45948_6480.N1 | 13-DEC-2010 20:34:02 | Bright | 46.000 | 176 | 23Zet Tau | 3.0200 | 22000. | 92 | 45948 | No |
| 131 | GOM_TRA_1PNPDE20101213_203604_000000453097_00244_45948_6481.N1 | 13-DEC-2010 20:36:04 | Bright | 45.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 90 | 45948 | No |
| 132 | GOM_TRA_1PNPDE20101213_203812_000000363097_00244_45948_6482.N1 | 13-DEC-2010 20:38:12 | Bright | 35.500 | 149 | 45Eps Per | 2.8880 | 30000. | 71 | 45948 | No |
| 133 | GOM_TRA_1PNPDE20101213_203947_000000463097_00244_45948_6483.N1 | 13-DEC-2010 20:39:47 | Bright | 45.500 | 107 | 37The Aur | 2.6490 | 11000. | 91 | 45948 | No |
| 134 | GOM_TRA_1PNPDE20101213_204155_000000463097_00244_45948_6484.N1 | 13-DEC-2010 20:41:55 | Bright | 46.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 92 | 45948 | No |
| 135 | GOM_TRA_1PNPDE20101213_205723_000000433097_00244_45948_6485.N1 | 13-DEC-2010 20:57:23 | Bright | 43.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 86 | 45948 | No |
| 136 | GOM_TRA_1PNPDE20101213_210126_000000433097_00244_45948_6486.N1 | 13-DEC-2010 21:01:26 | Bright | 43.000 | 32 | 77Eps UMa | 1.7630 | 11000. | 86 | 45948 | No |
| 137 | GOM_TRA_1PNPDE20101213_210356_000000383097_00244_45948_6487.N1 | 13-DEC-2010 21:03:56 | Bright | 37.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 75 | 45948 | No |
| 138 | GOM_TRA_1PNPDE20101213_210712_000000373097_00244_45948_6488.N1 | 13-DEC-2010 21:07:12 | Bright | 36.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 73 | 45948 | No |
| 139 | GOM_TRA_1PNPDE20101213_211022_000000373097_00244_45948_6489.N1 | 13-DEC-2010 21:10:22 | Bright | 36.500 | 83 | | 2.3780 | 11000. | 73 | 45948 | No |
| 140 | GOM_TRA_1PNPDE20101213_211336_000000413097_00244_45948_6490.N1 | 13-DEC-2010 21:13:36 | Bright | 40.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 81 | 45948 | No |
| 141 | GOM_TRA_1PNPDE20101213_211722_000000713097_00244_45948_6491.N1 | 13-DEC-2010 21:17:22 | Bright | 71.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 142 | 45948 | No |
| 142 | GOM_TRA_1PNPDE20101213_212318_000000513097_00244_45948_6487.N1 | 13-DEC-2010 21:23:18 | Twilight | 50.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 101 | 45948 | No |
| 143 | GOM_TRA_1PNPDE20101213_212647_000000483097_00244_45948_6488.N1 | 13-DEC-2010 21:26:47 | Twilight | 47.500 | 169 | 46Gam Hya | 2.9910 | 4700.0 | 95 | 45948 | No |
| 144 | GOM_TRA_1PNPDE20101213_212857_000000553097_00244_45948_6489.N1 | 13-DEC-2010 21:28:57 | Dark | 54.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 109 | 45948 | No |
| 145 | GOM_TRA_1PNPDE20101213_213033_000000583097_00244_45948_6490.N1 | 13-DEC-2010 21:30:33 | Dark | 57.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 115 | 45948 | No |
| 146 | GOM_TRA_1PNPDE20101213_213409_000000423097_00244_45948_6491.N1 | 13-DEC-2010 21:34:09 | Dark | 42.000 | 64 | Gam Cen | 2.2000 | 10600. | 84 | 45948 | No |
| 147 | GOM_TRA_1PNPDE20101213_213544_000000413097_00245_45949_6492.N1 | 13-DEC-2010 21:35:44 | Dark | 41.000 | 99 | Del Cen | 2.5750 | 26000. | 82 | 45949 | No |
| 148 | GOM_TRA_1PNPDE20101213_213928_000000453097_00245_45949_6493.N1 | 13-DEC-2010 21:39:28 | Dark | 44.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 89 | 45949 | No |
| 149 | GOM_TRA_1PNPDE20101213_214323_000000423097_00245_45949_6494.N1 | 13-DEC-2010 21:43:23 | Dark | 42.000 | 71 | lot Car | 2.2460 | 7700.0 | 84 | 45949 | No |
| 150 | GOM_TRA_1PNPDE20101213_214758_000000513097_00245_45949_6495.N1 | 13-DEC-2010 21:47:58 | Dark | 50.500 | 34 | Gam2Vel | 1.7930 | 23000. | 101 | 45949 | No |
| 151 | GOM_TRA_1PNPDE20101213_215016_000000523097_00245_45949_6496.N1 | 13-DEC-2010 21:50:16 | Dark | 51.500 | 2 | Alp Car | -0.73600 | 7000.0 | 103 | 45949 | No |
| 152 | GOM_TRA_1PNPDE20101213_215252_000000573097_00245_45949_6497.N1 | 13-DEC-2010 21:52:52 | Dark | 57.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 114 | 45949 | No |
| 153 | GOM_TRA_1PNPDE20101213_215611_000000583097_00245_45949_6498.N1 | 13-DEC-2010 21:56:11 | Straylight | 58.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 116 | 45949 | No |
| 154 | GOM_TRA_1PNPDE20101213_220053_000000553097_00245_45949_6499.N1 | 13-DEC-2010 22:00:53 | Straylight | 55.000 | 47 | 2Bet CMa | 1.9760 | 28000. | 110 | 45949 | No |
| 155 | GOM_TRA_1PNPDE20101213_220429_000000583097_00245_45949_6500.N1 | 13-DEC-2010 22:04:29 | Straylight | 58.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 116 | 45949 | No |
| 156 | GOM_TRA_1PNPDE20101213_220648_000000513097_00245_45949_6501.N1 | 13-DEC-2010 22:06:48 | Straylight | 51.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 102 | 45949 | No |
| 157 | GOM_TRA_1PNPDE20101213_221003_000000503097_00245_45949_6502.N1 | 13-DEC-2010 22:10:03 | Twilight | 50.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 100 | 45949 | No |
| 158 | GOM_TRA_1PNPDE20101213_221151_000000503097_00245_45949_6503.N1 | 13-DEC-2010 22:11:51 | Twilight | 50.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 100 | 45949 | No |
| 159 | GOM_TRA_1PNPDE20101213_221415_000000443097_00245_45949_6504.N1 | 13-DEC-2010 22:14:15 | Bright | 44.000 | 176 | 23Zet Tau | 3.0200 | 22000. | 88 | 45949 | No |
| 160 | GOM_TRA_1PNPDE20101213_221618_000000443097_00245_45949_6505.N1 | 13-DEC-2010 22:16:18 | Bright | 43.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 87 | 45949 | No |
| 161 | GOM_TRA_1PNPDE20101213_221830_000000323097_00245_45949_6506.N1 | 13-DEC-2010 22:18:30 | Bright | 32.000 | 149 | 45Eps Per | 2.8880 | 30000. | 64 | 45949 | No |
| 162 | GOM_TRA_1PNPDE20101213_222000_000000463097_00245_45949_6507.N1 | 13-DEC-2010 22:20:00 | Bright | 46.000 | 107 | 37The Aur | 2.6490 | 11000. | 92 | 45949 | No |
| 163 | GOM_TRA_1PNPDE20101213_222208_000000453097_00245_45949_6508.N1 | 13-DEC-2010 22:22:08 | Bright | 44.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 89 | 45949 | No |
| 164 | GOM_TRA_1PNPDE20101213_223736_000000493097_00245_45949_6509.N1 | 13-DEC-2010 22:37:36 | Bright | 48.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 97 | 45949 | No |
| 165 | GOM_TRA_1PNPDE20101213_224140_000000433097_00245_45949_6510.N1 | 13-DEC-2010 22:41:40 | Bright | 43.000 | 32 | 77Eps UMa | 1.7630 | 11000. | 86 | 45949 | No |
| 166 | GOM_TRA_1PNPDE20101213_224410_000000403097_00245_45949_6511.N1 | 13-DEC-2010 22:44:10 | Bright | 39.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 79 | 45949 | No |
| 167 | GOM_TRA_1PNPDE20101213_224726_000000363097_00245_45949_6512.N1 | 13-DEC-2010 22:47:26 | Bright | 35.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 71 | 45949 | No |
| 168 | GOM_TRA_1PNPDE20101213_225036_000000373097_00245_45949_6513.N1 | 13-DEC-2010 22:50:36 | Bright | 36.500 | 83 | | 2.3780 | 11000. | 73 | 45949 | No |
| 169 | GOM_TRA_1PNPDE20101213_225350_000000393097_00245_45949_6514.N1 | 13-DEC-2010 22:53:50 | Bright | 38.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 77 | 45949 | No |
| 170 | GOM_TRA_1PNPDE20101213_225737_000000713097_00245_45949_6515.N1 | 13-DEC-2010 22:57:37 | Bright | 71.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 142 | 45949 | No |
| 171 | GOM_TRA_1PNPDE20101213_230333_000000473097_00245_45949_6516.N1 | 13-DEC-2010 23:03:33 | Twilight | 47.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 94 | 45949 | No |
| 172 | GOM_TRA_1PNPDE20101213_230701_000000453097_00245_45949_6509.N1 | 13-DEC-2010 23:07:01 | Twilight | 44.500 | 169 | 46Gam Hya | 2.9910 | 4700.0 | 89 | 45949 | No |
| 173 | GOM_TRA_1PNPDE20101213_230913_000000543097_00245_45949_6510.N1 | 13-DEC-2010 23:09:13 | Dark | 54.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 108 | 45949 | No |
| 174 | GOM_TRA_1PNPDE20101213_231048_000000623097_00245_45949_6511.N1 | 13-DEC-2010 23:10:48 | Dark | 62.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 124 | 45949 | No |
| 175 | GOM_TRA_1PNPDE20101213_231424_000000463097_00245_45949_6512.N1 | 13-DEC-2010 23:14:24 | Dark | 46.000 | 64 | Gam Cen | 2.2000 | 10600. | 92 | 45949 | No |
| 176 | GOM_TRA_1PNPDE20101213_231559_000000423097_00246_45950_6513.N1 | 13-DEC-2010 23:15:59 | Dark | 42.000 | 99 | Del Cen | 2.5750 | 26000. | 84 | 45950 | No |
| 177 | GOM_TRA_1PNPDE20101213_231942_000000443097_00246_45950_6514.N1 | 13-DEC-2010 23:19:42 | Dark | 43.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 87 | 45950 | No |
| 178 | GOM_TRA_1PNPDE20101213_232337_000000423097_00246_45950_6515.N1 | 13-DEC-2010 23:23:37 | Dark | 41.500 | 71 | lot Car | 2.2460 | 7700.0 | 83 | 45950 | No |
| 179 | GOM_TRA_1PNPDE20101213_232813_000000513097_00246_45950_6516.N1 | 13-DEC-2010 23:28:13 | Dark | 50.500 | 34 | Gam2Vel | 1.7930 | 23000. | 101 | 45950 | No |
| 180 | GOM_TRA_1PNPDE20101213_233030_000000543097_00246_45950_6517.N1 | 13-DEC-2010 23:30:30 | Dark | 54.000 | 2 | Alp Car | -0.73600 | 7000.0 | 108 | 45950 | No |
| 181 | GOM_TRA_1PNPDE20101213_233307_000000643097_00246_45950_6518.N1 | 13-DEC-2010 23:33:07 | Dark | 64.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 128 | 45950 | No |
| 182 | GOM_TRA_1PNPDE20101213_233626_000000573097_00246_45950_6519.N1 | 13-DEC-2010 23:36:26 | Straylight | 57.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 114 | 45950 | No |
| 183 | GOM_TRA_1PNPDE20101213_234107_000000553097_00246_45950_6520.N1 | 13-DEC-2010 23:41:07 | Straylight | 54.500 | 47 | 2Bet CMa | 1.9760 | 28000. | 109 | 45950 | No |
| 184 | GOM_TRA_1PNPDE20101213_234443_000000503097_00246_45950_6521.N1 | 13-DEC-2010 23:44:43 | Straylight | 50.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 100 | 45950 | No |
| 185 | GOM_TRA_1PNPDE20101213_234701_000000503097_00246_45950_6522.N1 | 13-DEC-2010 23:47:01 | Straylight | 49.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 99 | 45950 | No |
| 186 | GOM_TRA_1PNPDE20101213_235017_000000573097_00246_45950_6523.N1 | 13-DEC-2010 23:50:17 | Twilight | 57.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 114 | 45950 | No |
| 187 | GOM_TRA_1PNPDE20101213_235205_000000553097_00246_45950_6524.N1 | 13-DEC-2010 23:52:05 | Twilight | 55.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 110 | 45950 | No |

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|-----|--|----------------------|--------|--------|-----|-----------|--------|--------|----|-------|----|
| 188 | GOM_TRA_1PNPDE20101213_235429_000000443097_00246_45950_6525.N1 | 13-DEC-2010 23:54:29 | Bright | 43.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 87 | 45950 | No |
| 189 | GOM_TRA_1PNPDE20101213_235631_000000443097_00246_45950_6526.N1 | 13-DEC-2010 23:56:31 | Bright | 43.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 86 | 45950 | 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).

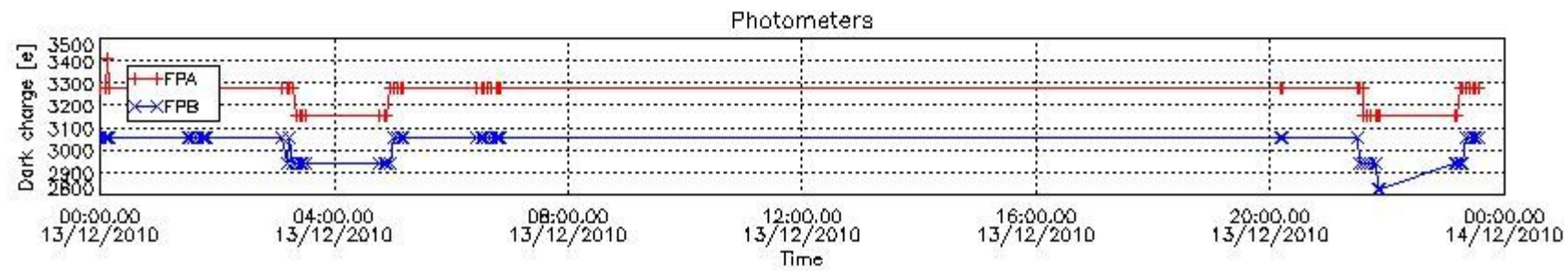
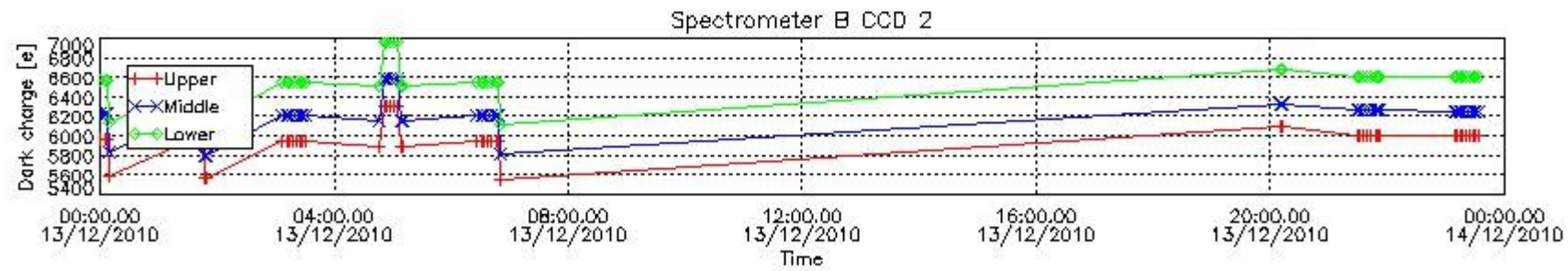
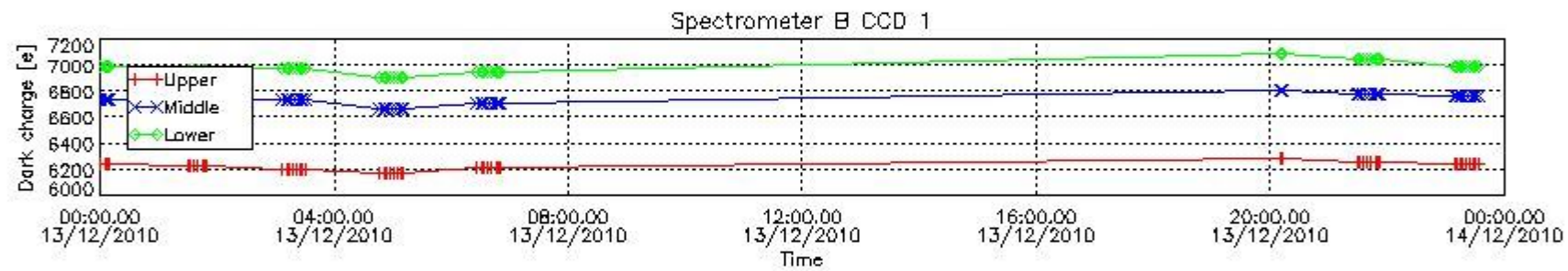
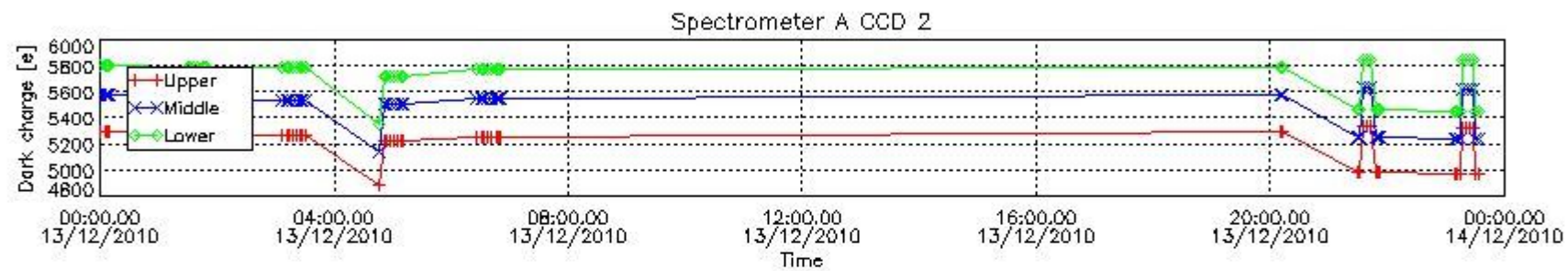
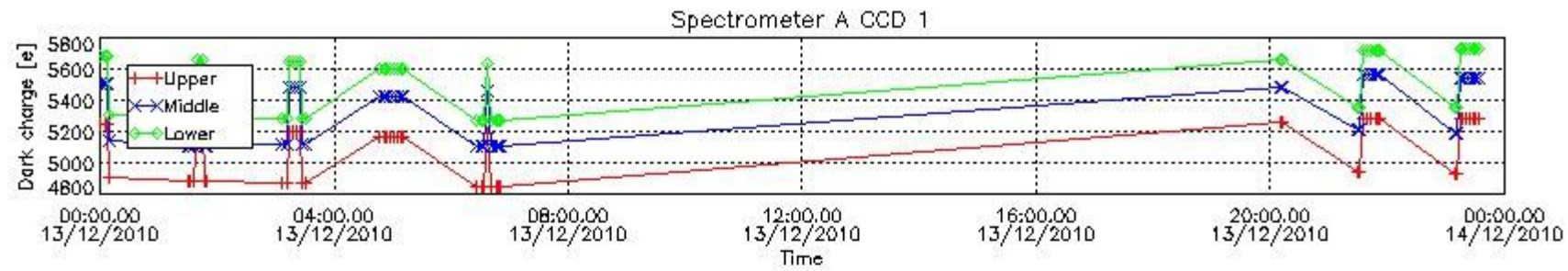
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

| Product name | DC information |
|--|----------------|
| GOM_TRA_1PNPDE20101213_201001_000000463097_00244_45948_6472.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_201238_000000573097_00244_45948_6473.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_201557_000000563097_00244_45948_6474.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_202039_000000573097_00244_45948_6475.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_202415_000000573097_00244_45948_6476.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_202634_000000493097_00244_45948_6477.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_202950_000000503097_00244_45948_6478.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_203138_000000553097_00244_45948_6479.N1 | DC map used |

| | |
|--|-------------|
| GOM_TRA_1PNPDE20101213_203402_000000463097_00244_45948_6480.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_203604_000000453097_00244_45948_6481.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_203812_000000363097_00244_45948_6482.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_203947_000000463097_00244_45948_6483.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_204155_000000463097_00244_45948_6484.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_205723_000000433097_00244_45948_6485.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_210126_000000433097_00244_45948_6486.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_210356_000000383097_00244_45948_6487.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_210712_000000373097_00244_45948_6488.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_211022_000000373097_00244_45948_6489.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_211336_000000413097_00244_45948_6490.N1 | DC map used |
| GOM_TRA_1PNPDE20101213_211722_000000713097_00244_45948_6491.N1 | DC map used |

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



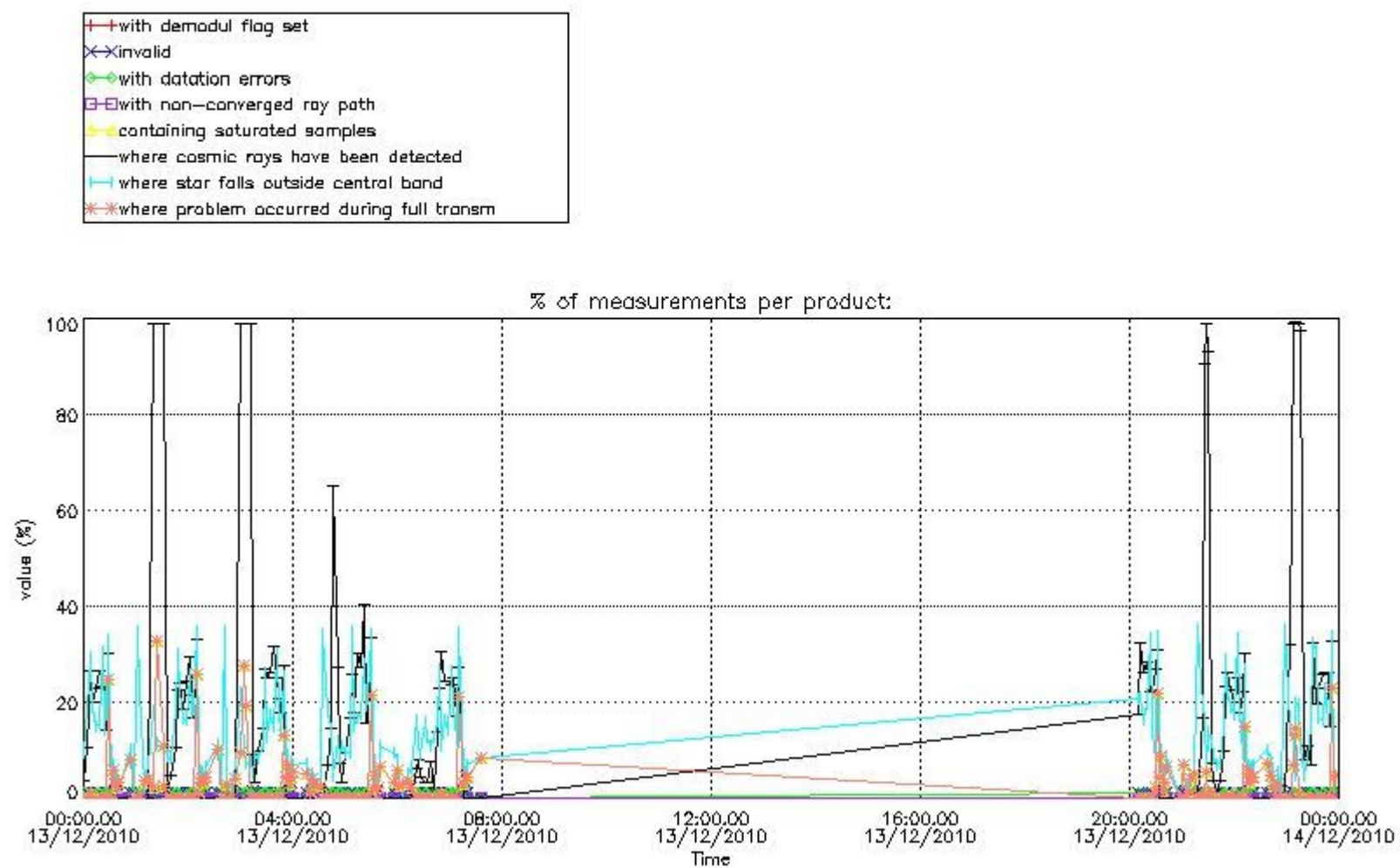
5. Demodulation flag and quality information monitoring

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.

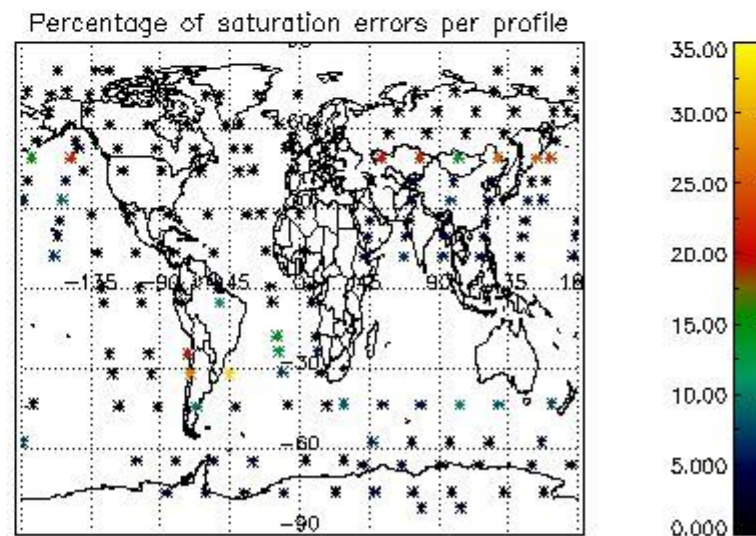
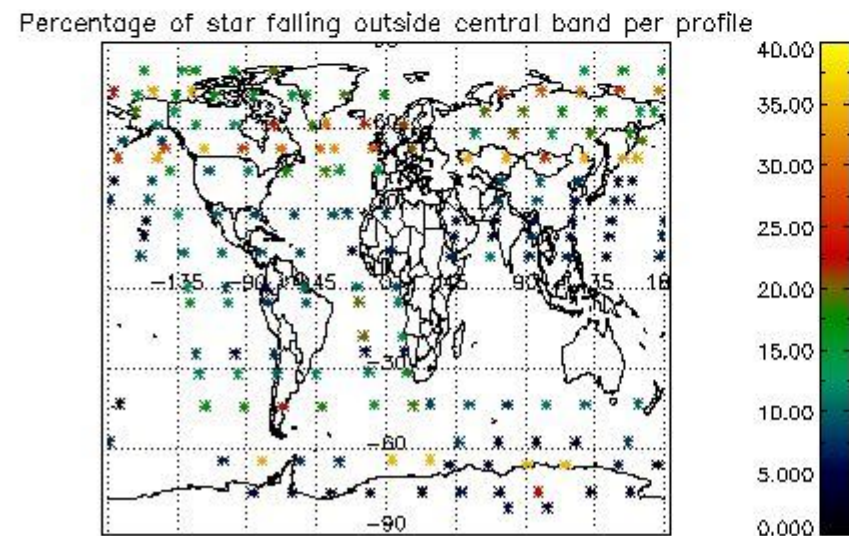
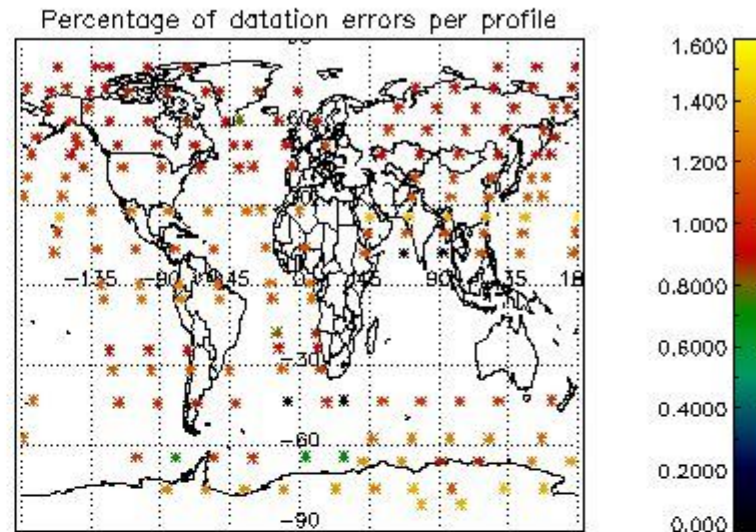
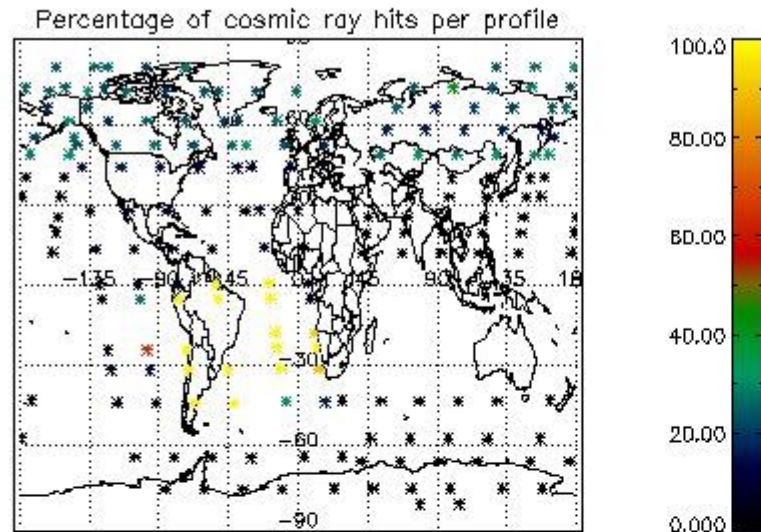
5.1 Percentage of products during reporting period with:

| | |
|---|-----------|
| At least one measurement with demodulation flag set: | 59.7884 % |
| Reference spectrum computed from DB: | 0.00000 % |
| Reference spectrum with small number of measurements: | 0.00000 % |
| SATU data not used: | 0.00000 % |

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



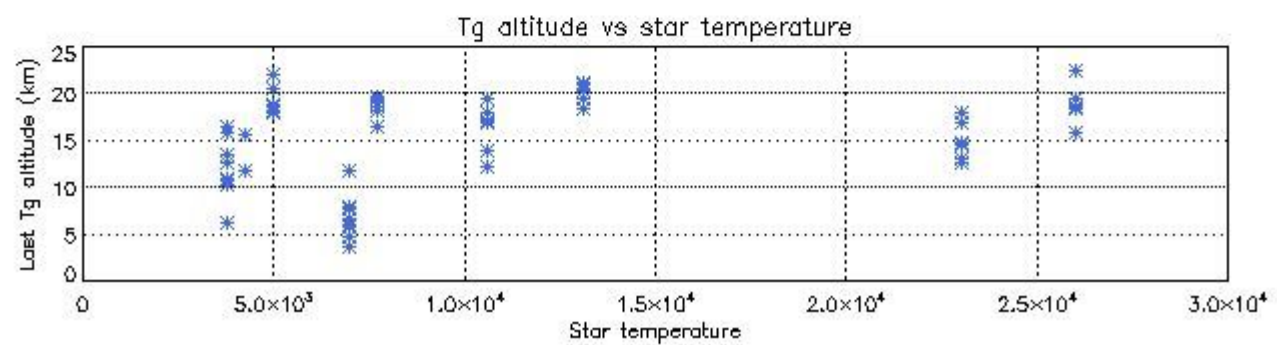
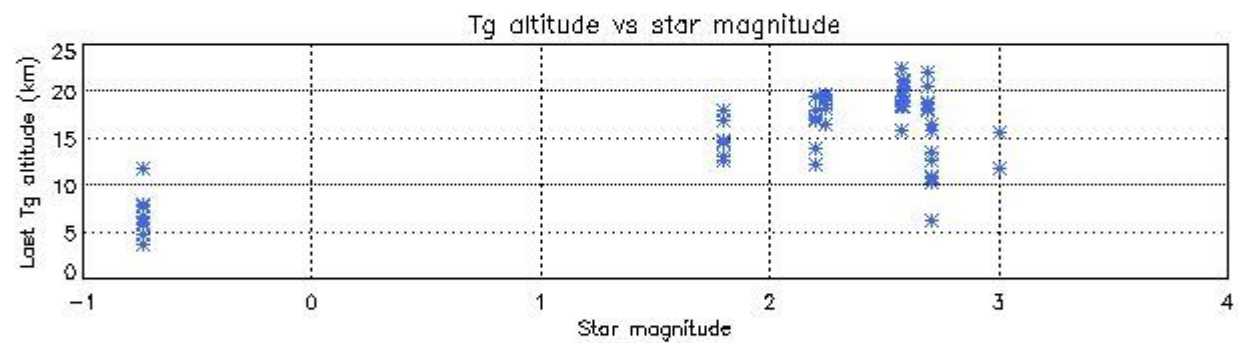
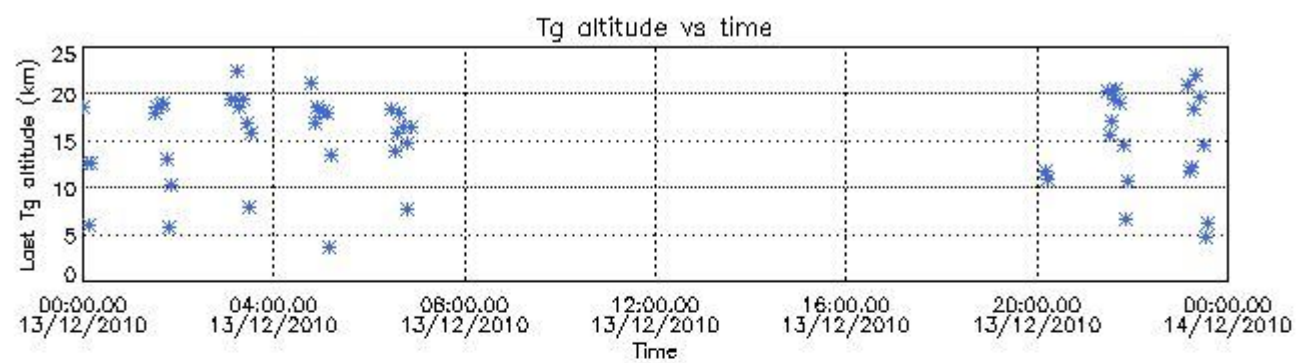
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

| Statistics | DARK | BRIGHT | TWILIGHT |
|-----------------|--------|--------|----------|
| Mean: | 15.252 | 20.122 | 15.616 |
| St. deviation: | 4.8697 | 4.8734 | 1.5609 |
| Maximum: | 22.515 | 26.295 | 16.829 |
| Minimum: | 3.6068 | 3.9534 | 12.612 |
| Number of data: | 55.000 | 74.000 | 6.0000 |

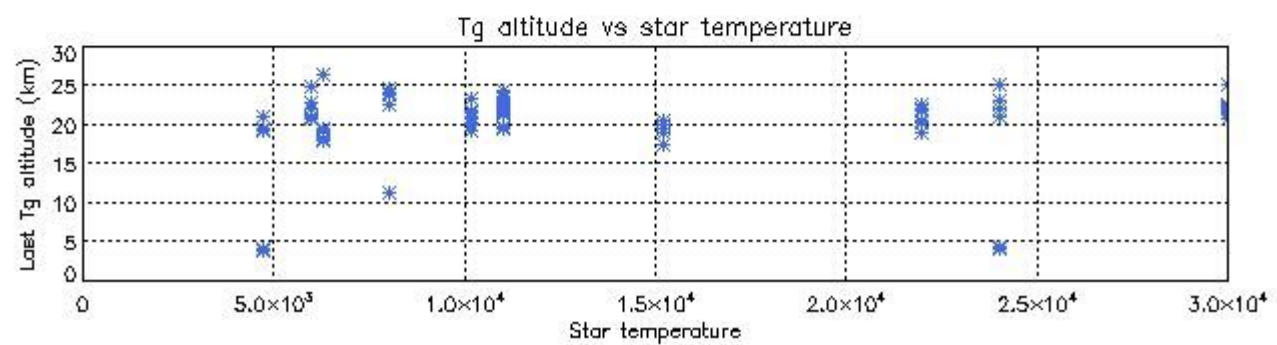
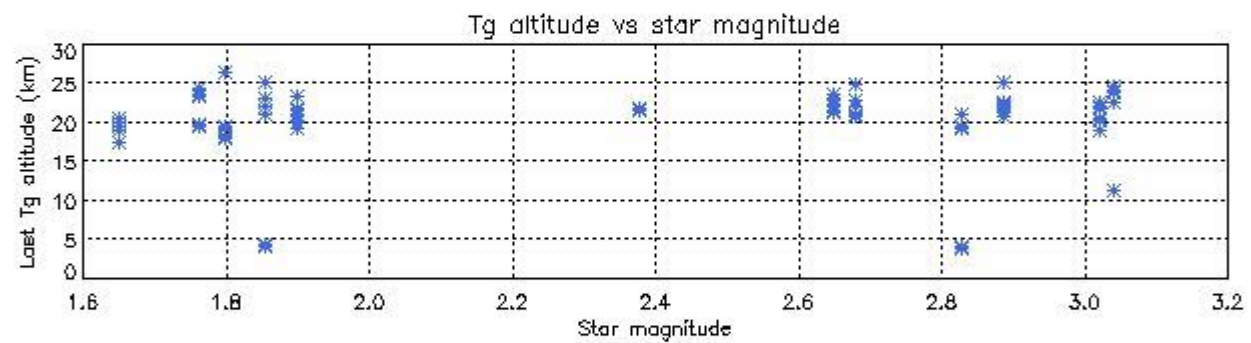
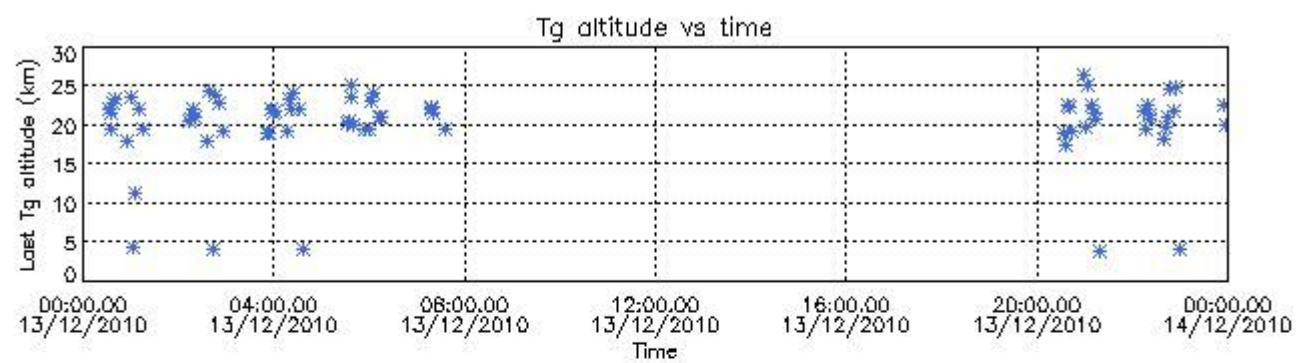
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



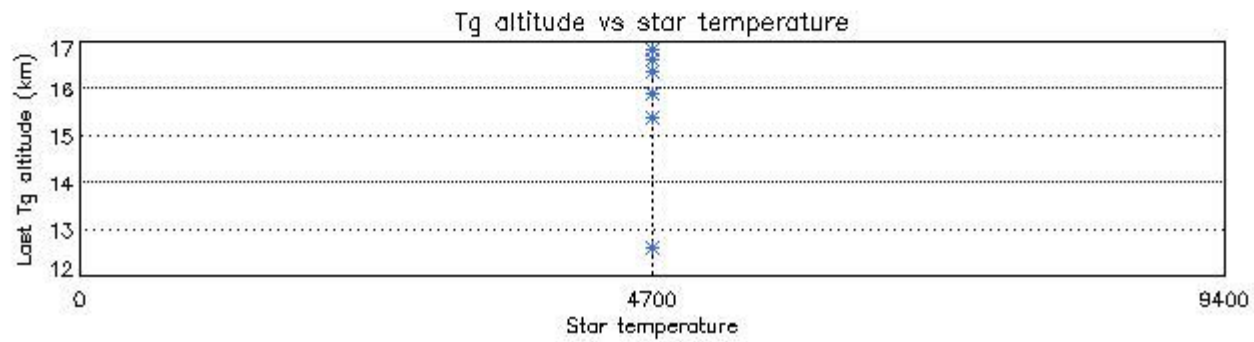
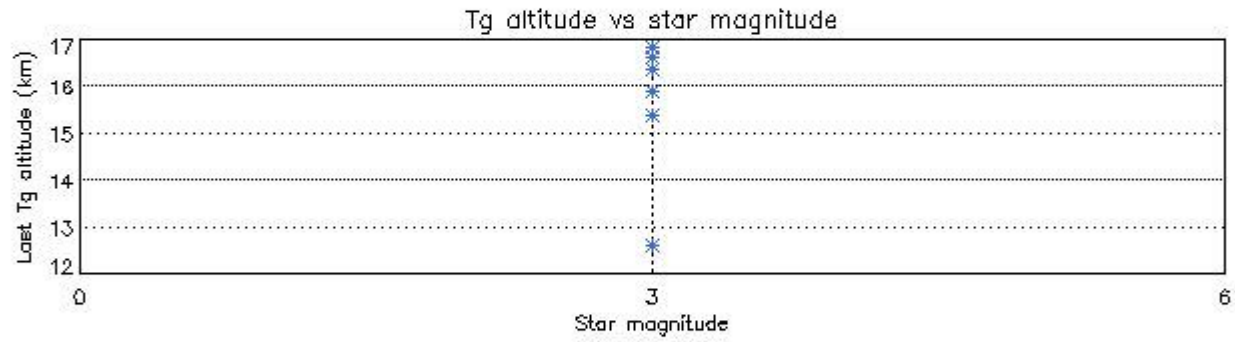
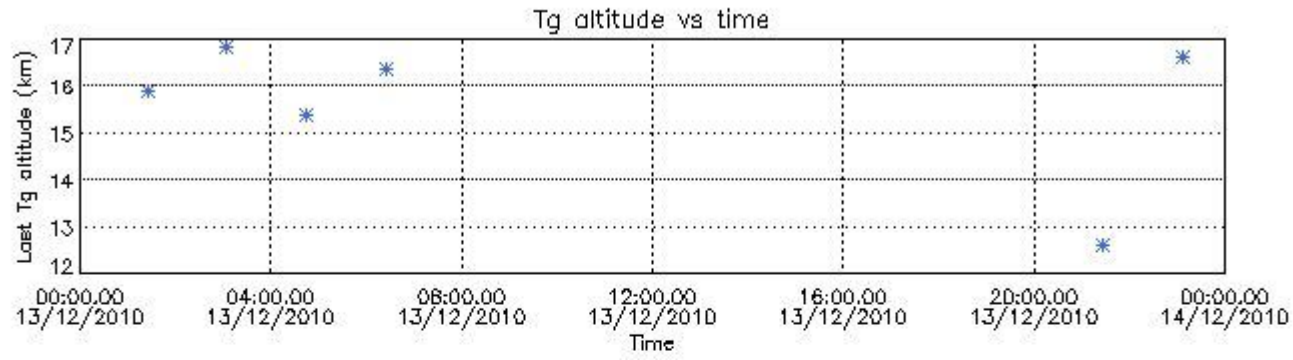
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

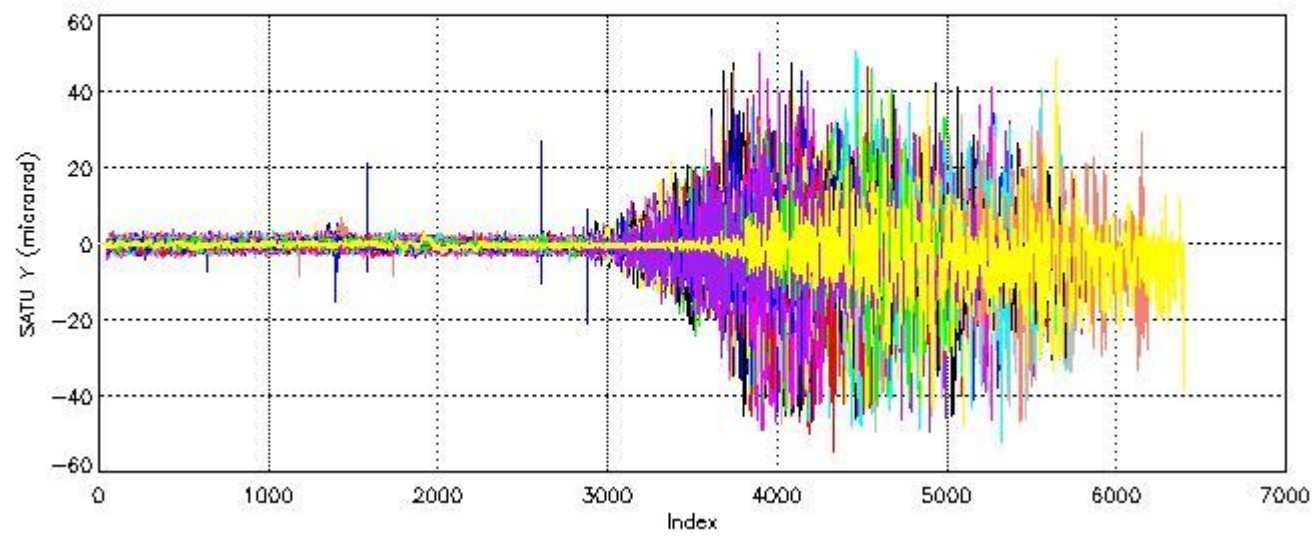
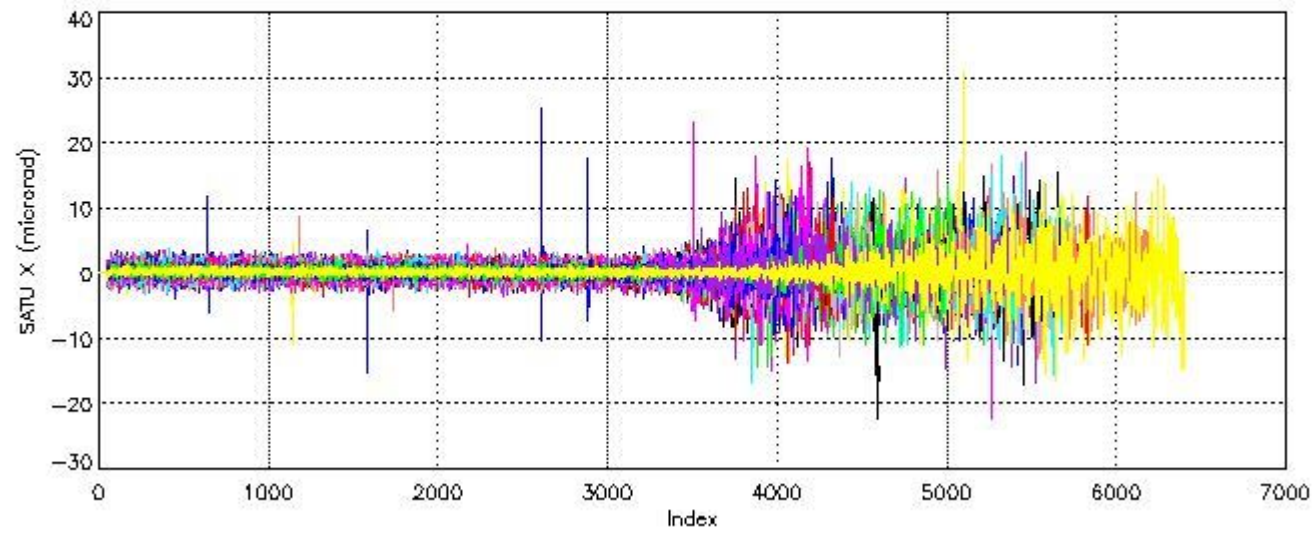


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

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

7.2.1 SATU NEA Statistics (table)

| Statistics | SATU X (D) | SATU Y (D) | SATU X (B) | SATU Y (B) |
|----------------|------------|------------|------------|------------|
| Mean: | 0.22748 | -0.31679 | 0.17118 | -0.22683 |
| St. deviation: | 0.56006 | 0.67643 | 0.95571 | 1.0778 |
| Maximum: | 11.800 | 3.6000 | 6.7000 | 7.8000 |
| Minimum: | -6.0000 | -8.4000 | -6.4000 | -8.6000 |

| | | | | |
|-----------------|--------|--------|--------|--------|
| Number of data: | 59850. | 59850. | 74300. | 74300. |
|-----------------|--------|--------|--------|--------|

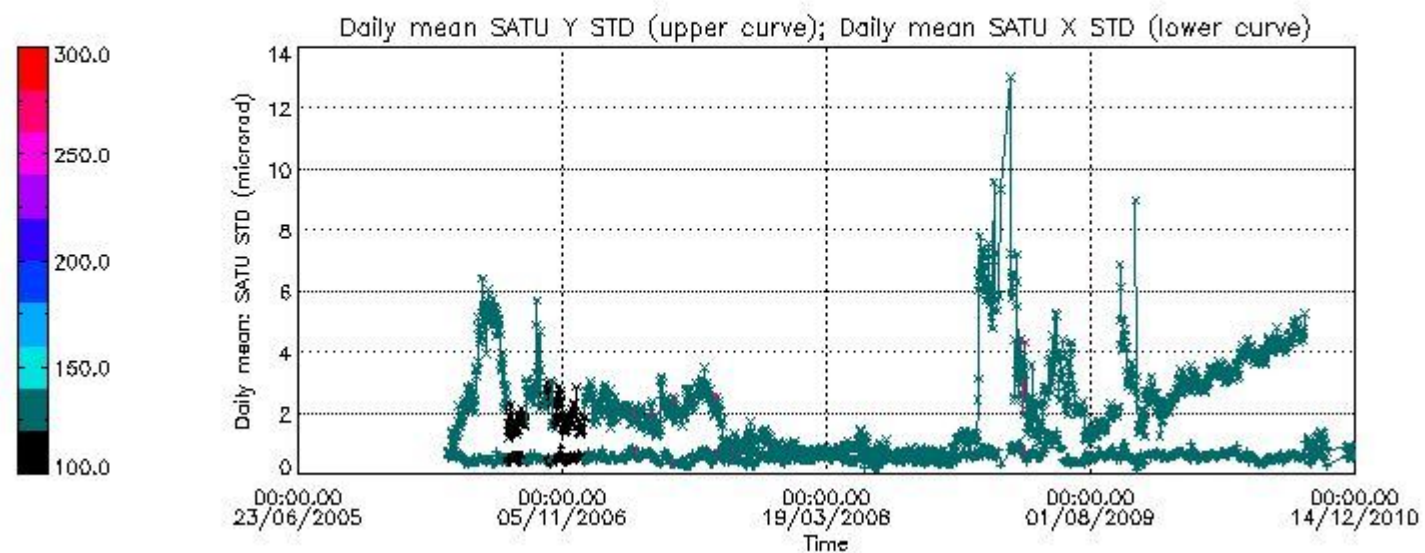
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

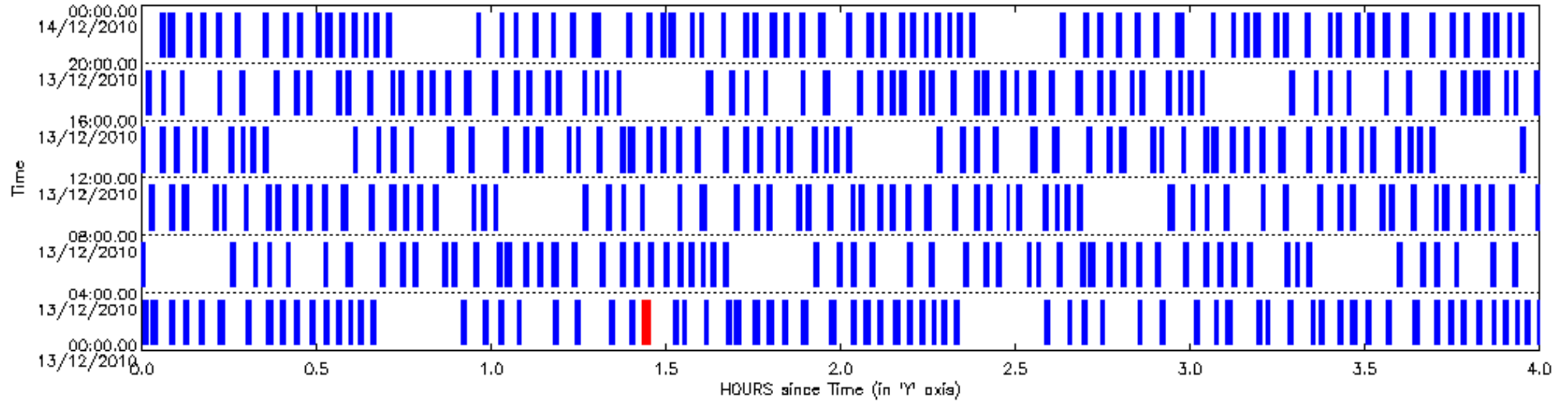
Lower curve: STD of SATU X axis

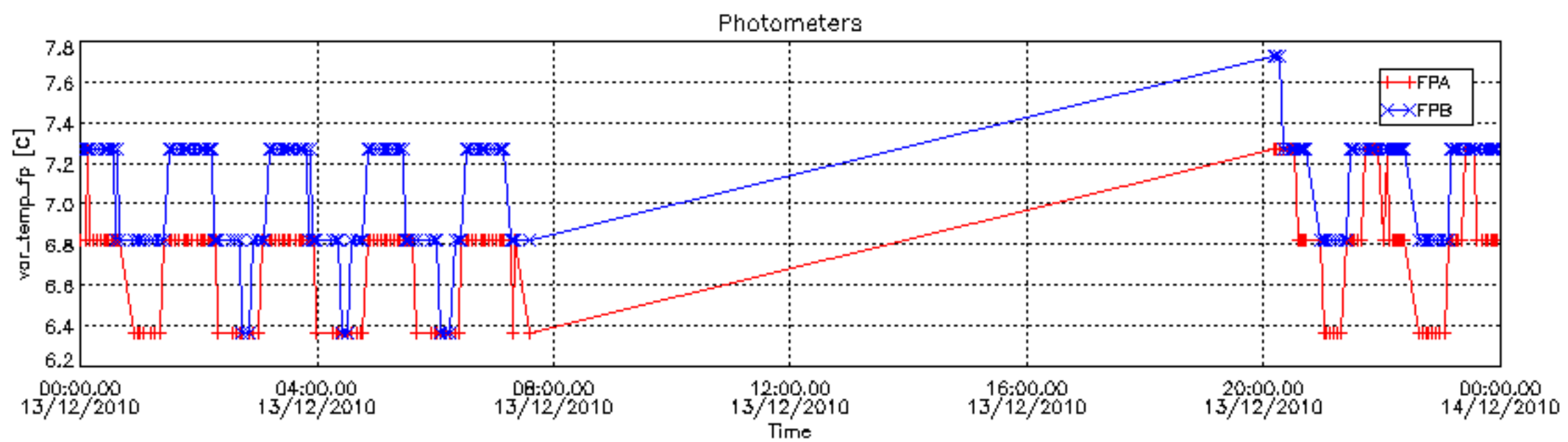
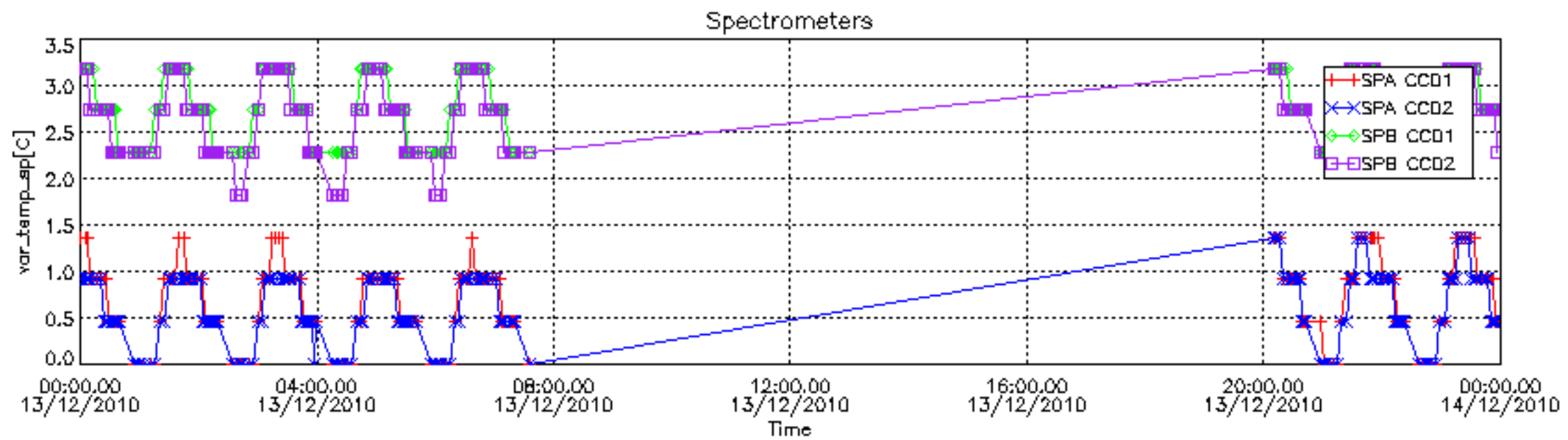


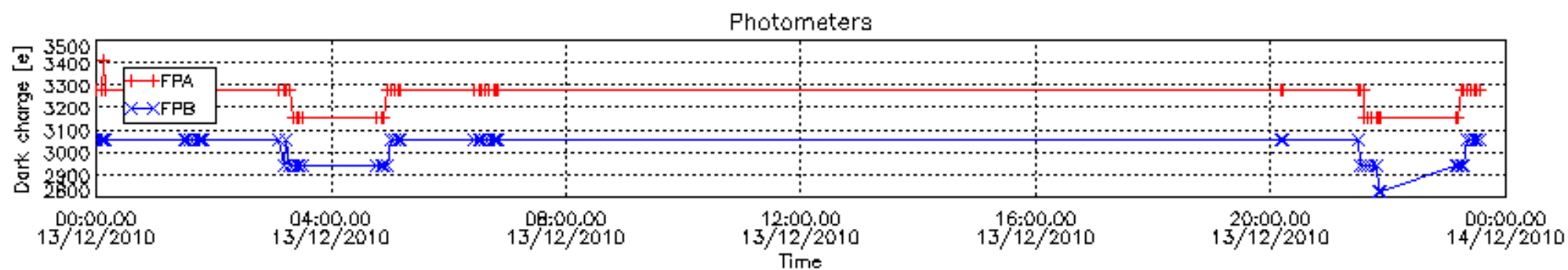
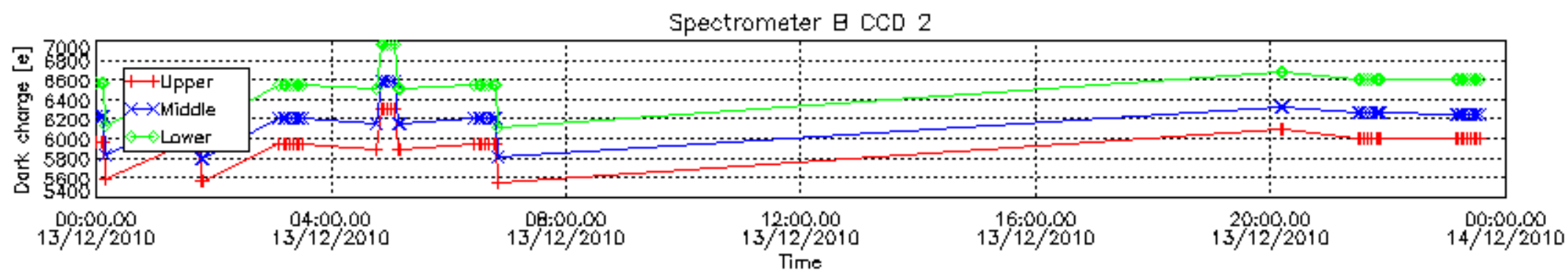
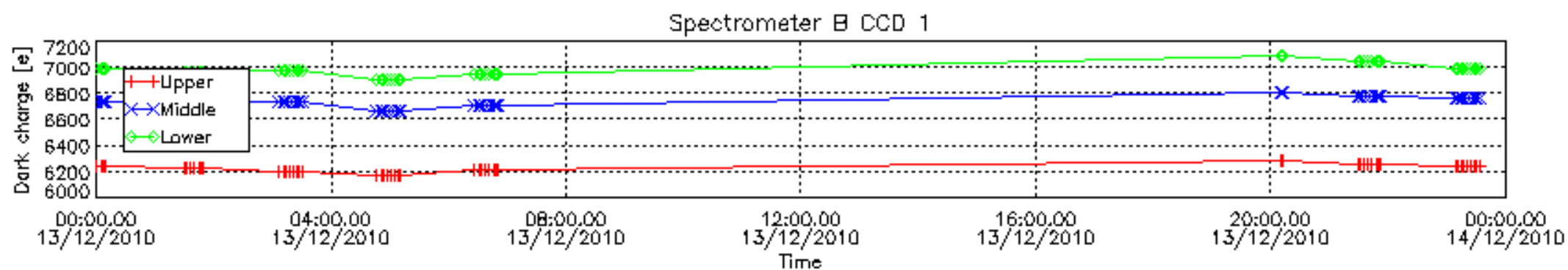
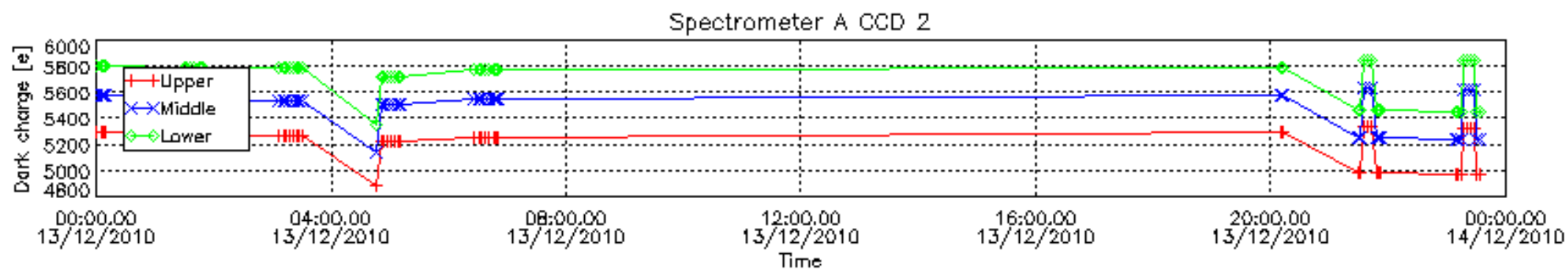
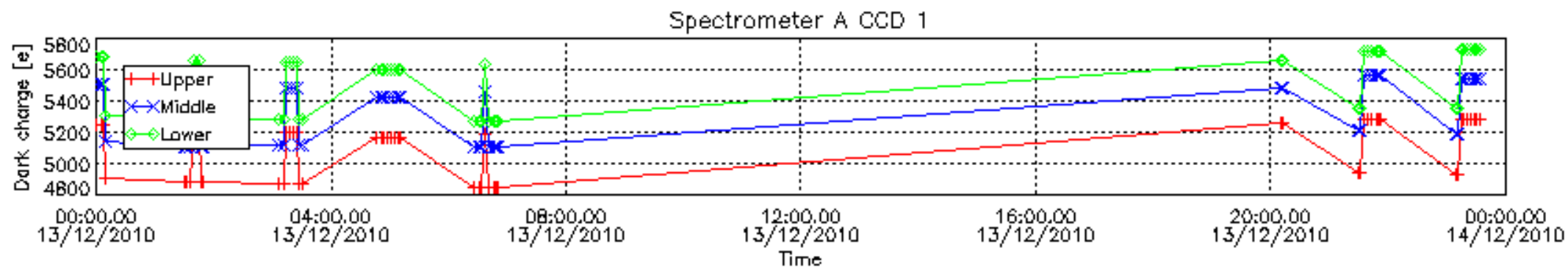
8. Auxiliary Data Files used for the production reported in section 2.4

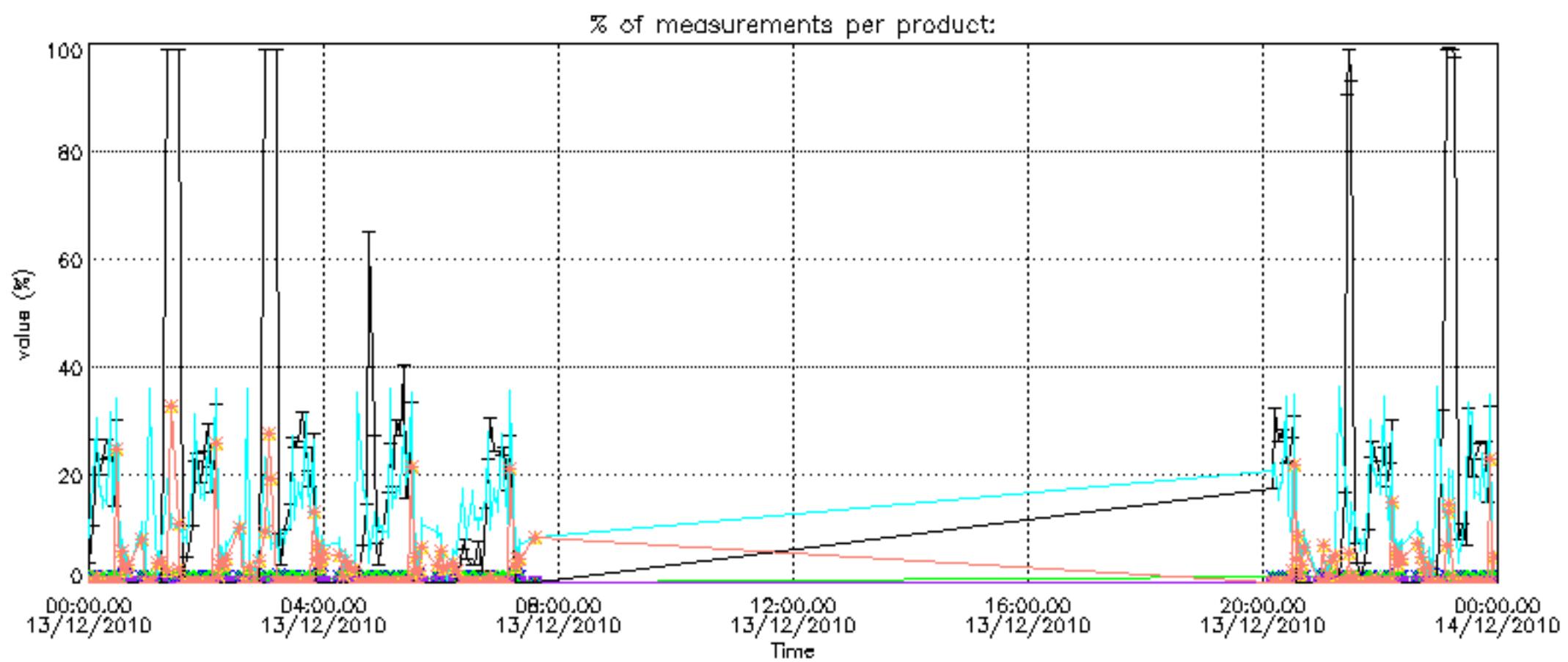
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|--|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 13-DEC-2010 00:00:12 |
| CALIBRATION_DATABASE | GOM_CAL_AXVIEC20101201_093519_20101129_000000_20500101_000000 | 1 | 13-DEC-2010 00:00:12 |
| LEVEL-1B_PROC_CONFIG | GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000 | 1 | 13-DEC-2010 00:00:12 |
| STAR_CATALOGUE | GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000 | 1 | 13-DEC-2010 00:00:12 |
| STELLAR_SPECTRA_DATABANK | GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000 | 1 | 13-DEC-2010 00:00:12 |
| ECMWF_FILE | AUX_ECF_AXNECM20101212_054116_20101212_210000_20101213_090000 | 1 | 13-DEC-2010 00:00:12 |
| ECMWF_FILE | AUX_ECF_AXNECM20101212_174114_20101213_030000_20101213_150000 | 69 | 13-DEC-2010 04:15:07 |
| ECMWF_FILE | AUX_ECA_AXNECM20101213_052113_20101212_210000_20101213_090000 | 96 | 13-DEC-2010 05:55:21 |
| ECMWF_FILE | AUX_ECF_AXNECM20101213_054113_20101213_150000_20101214_030000 | 122 | 13-DEC-2010 20:10:01 |
| ECMWF_FILE | AUX_ECF_AXNECM20101213_054114_20101213_210000_20101214_090000 | 142 | 13-DEC-2010 21:23:18 |
| OPTIONAL_ECMWF_FILE | MISSING | 1 | 13-DEC-2010 00:00:12 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20101212_233631_000057383097_00231_45935_2115.N1 | 1 | 13-DEC-2010 00:00:12 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20101213_011728_000098833097_00232_45936_2116.N1 | 22 | 13-DEC-2010 01:20:22 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20101213_040729_000060573097_00234_45938_2118.N1 | 69 | 13-DEC-2010 04:15:07 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20101213_055345_000057383097_00235_45939_2119.N1 | 96 | 13-DEC-2010 05:55:21 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20101213_200910_000041443097_00244_45948_2121.N1 | 122 | 13-DEC-2010 20:10:01 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20101213_211814_000060573097_00244_45948_2122.N1 | 142 | 13-DEC-2010 21:23:18 |
| ORBIT_DATA_FILE | DOR_NAV_OPNPDE20101213_230430_000057383097_00245_45949_2123.N1 | 172 | 13-DEC-2010 23:07:01 |

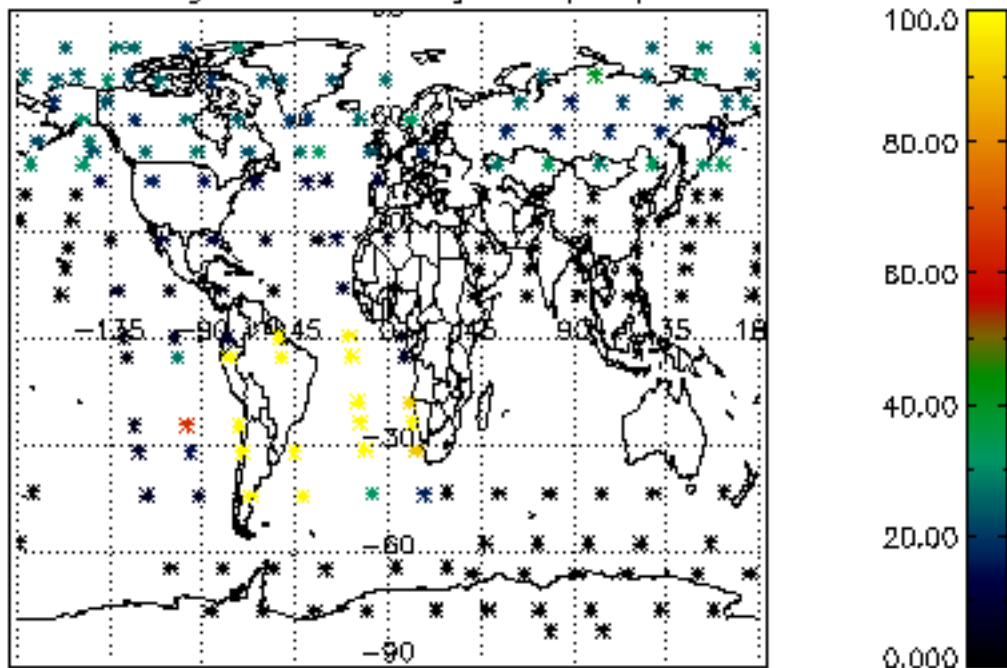




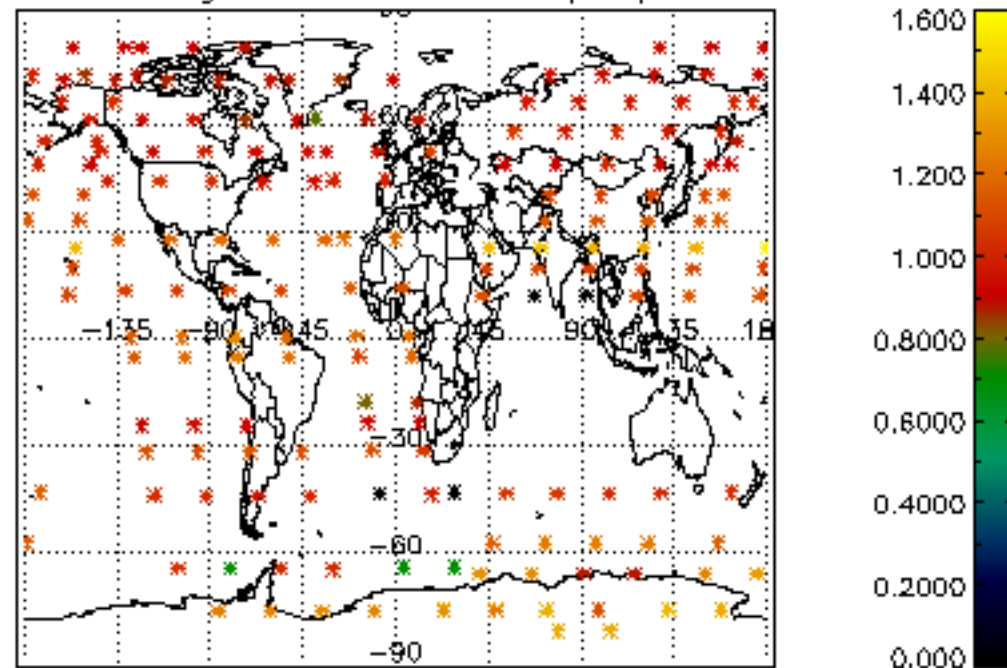




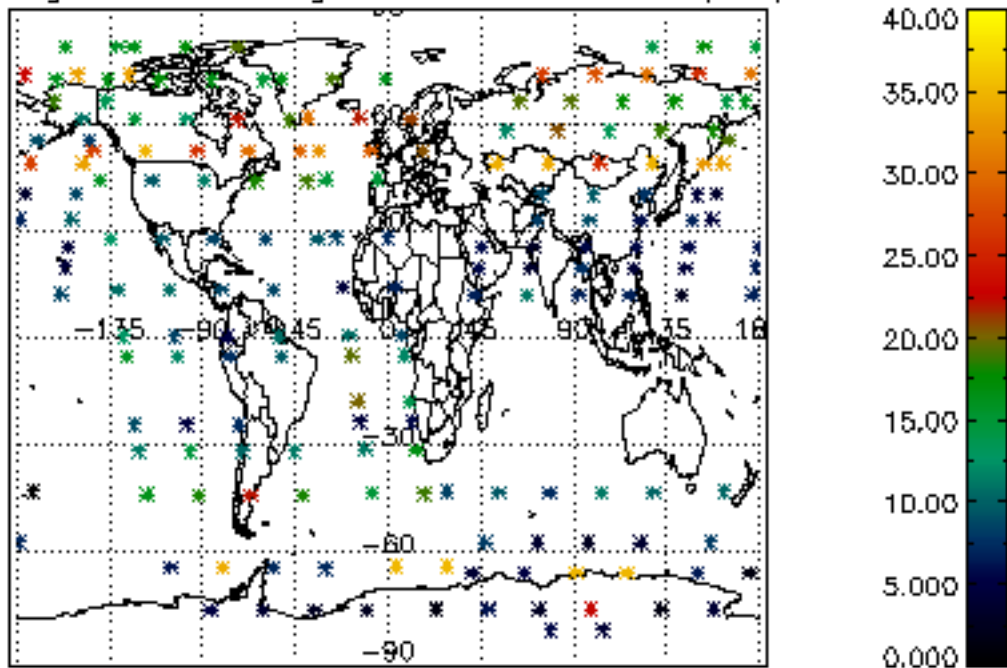
Percentage of cosmic ray hits per profile



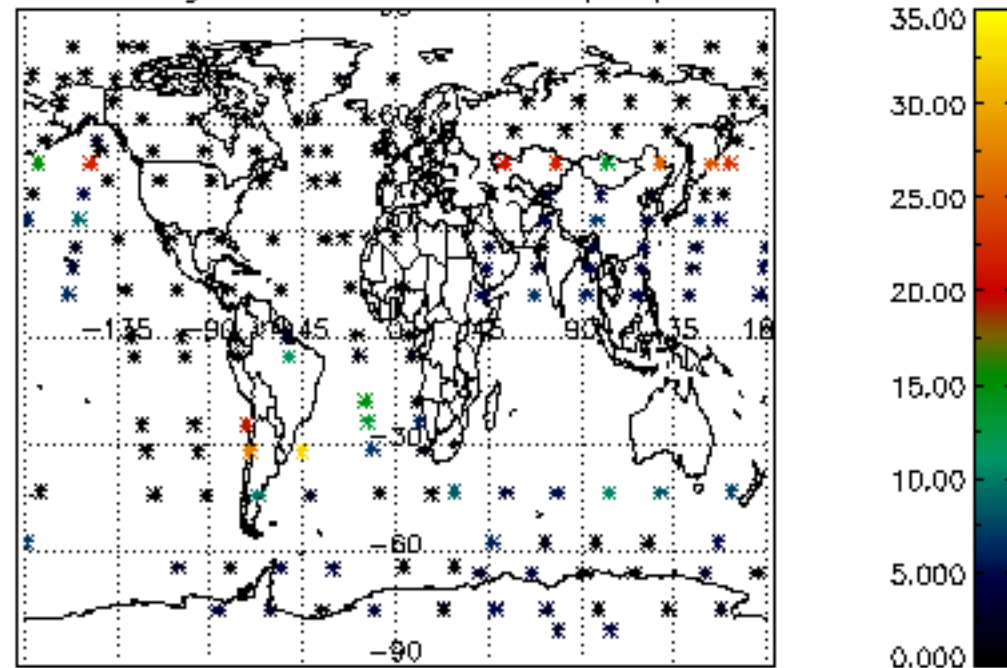
Percentage of datation errors per profile



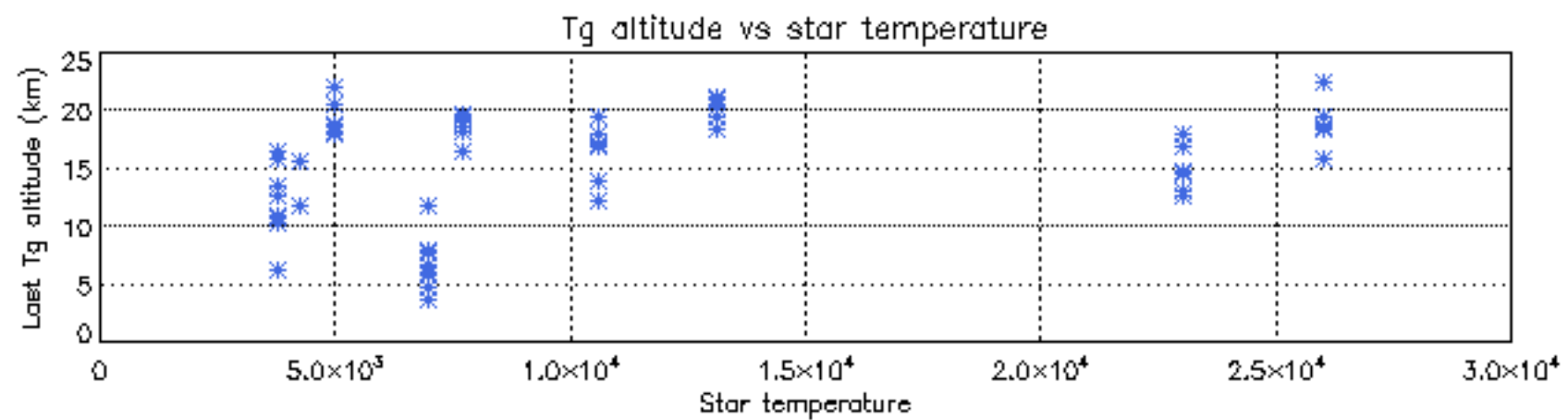
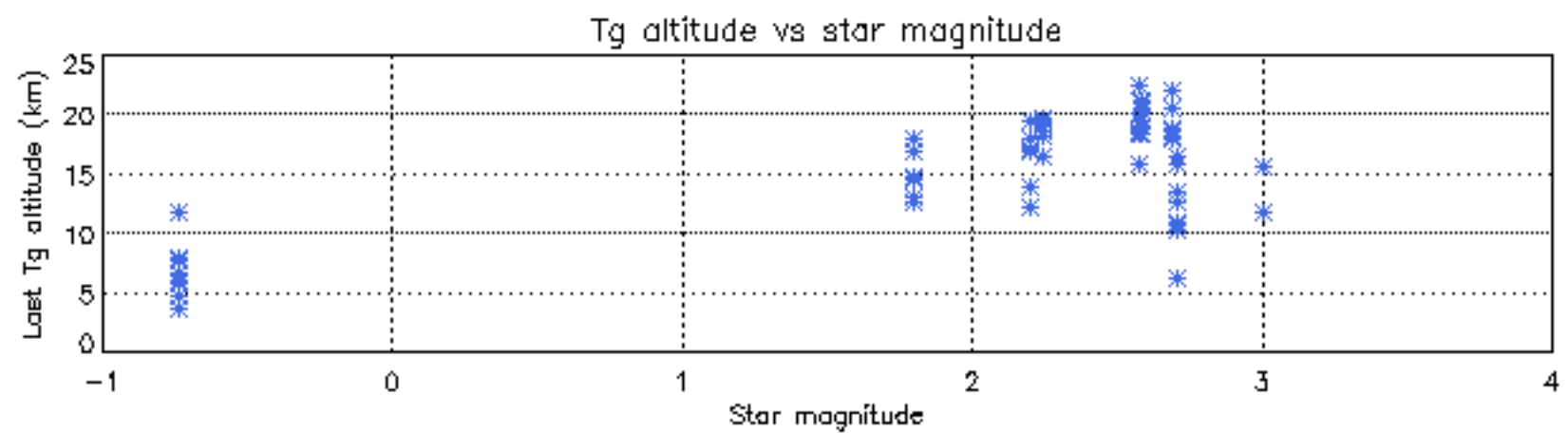
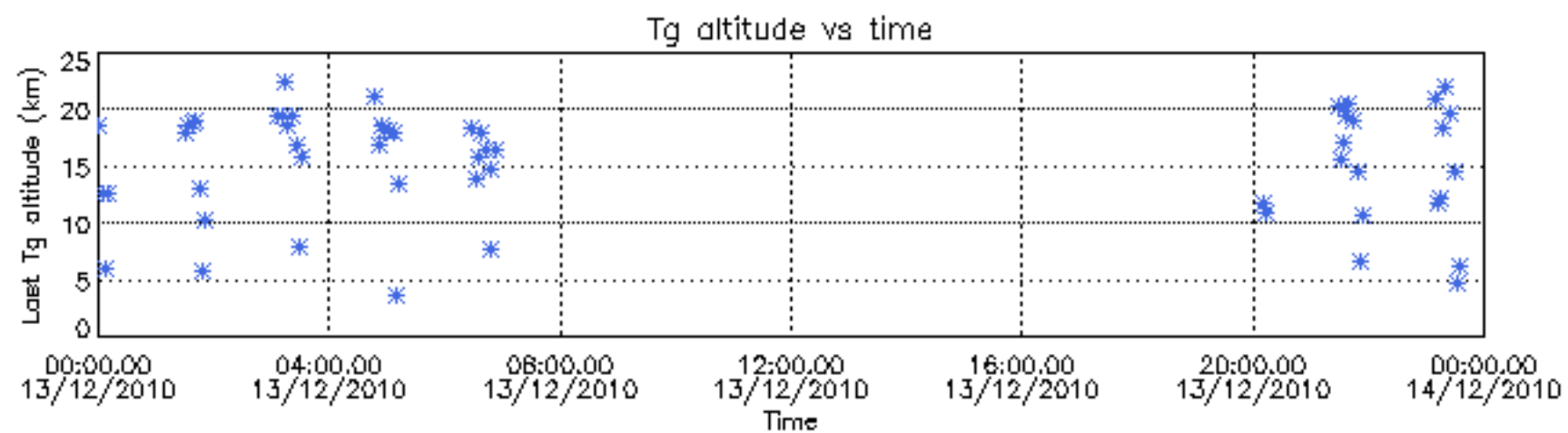
Percentage of star falling outside central band per profile



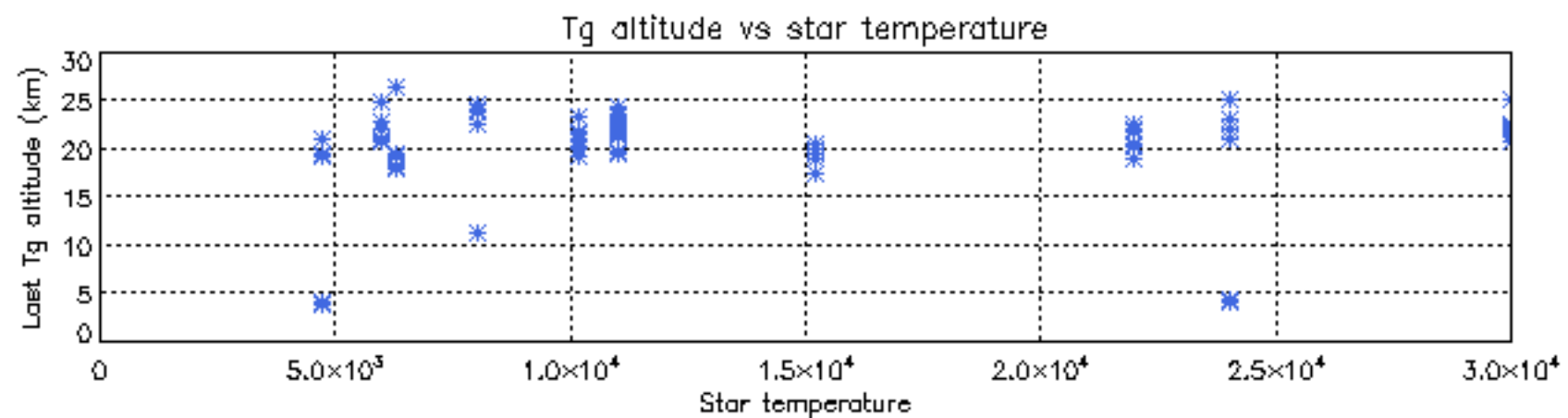
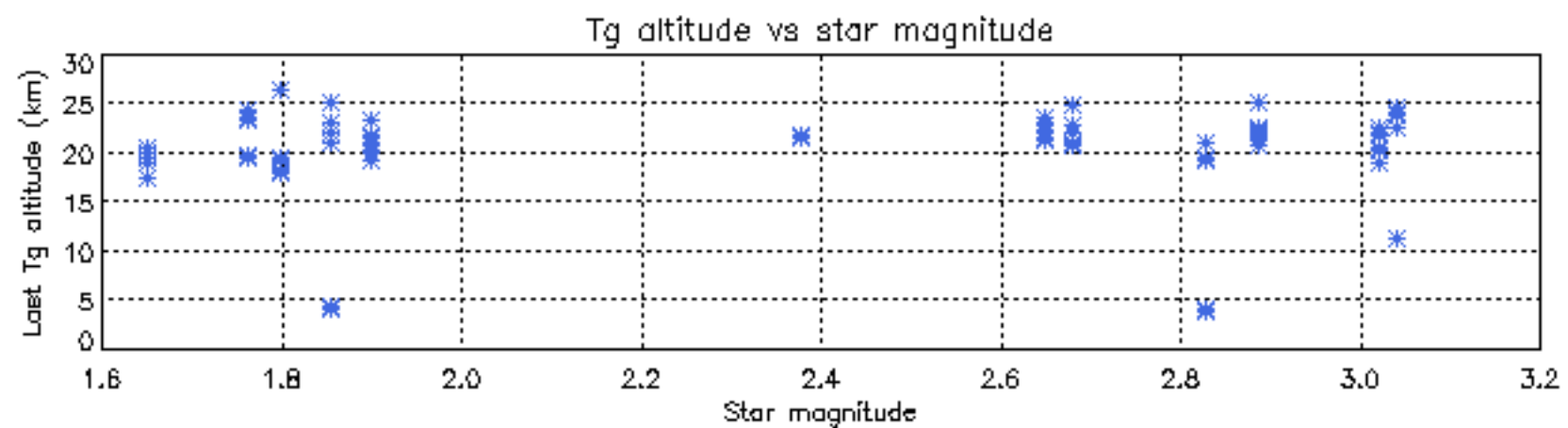
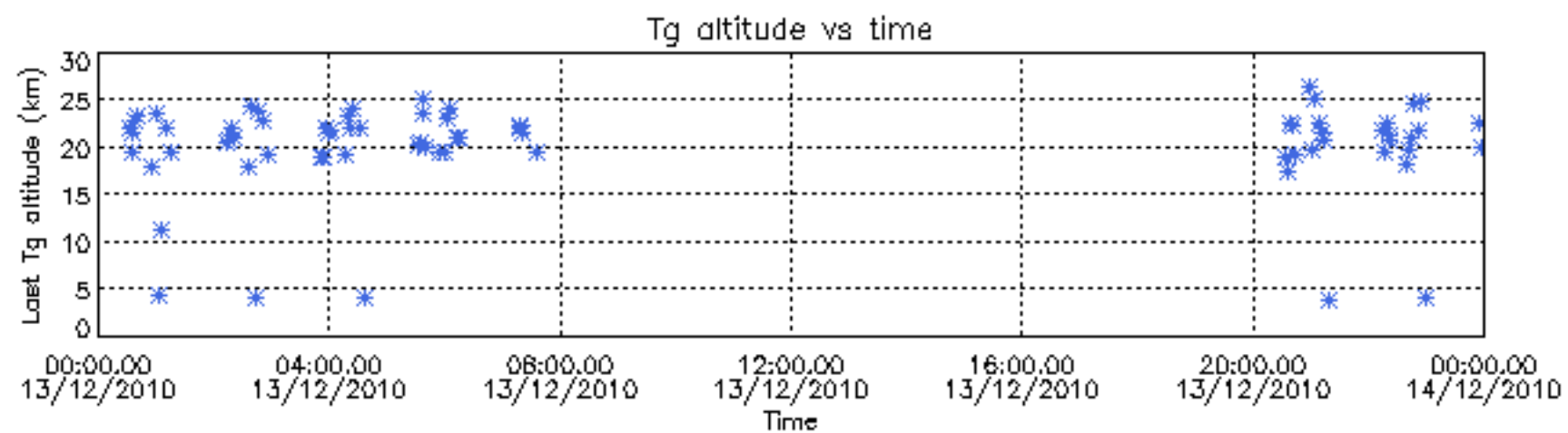
Percentage of saturation errors per profile



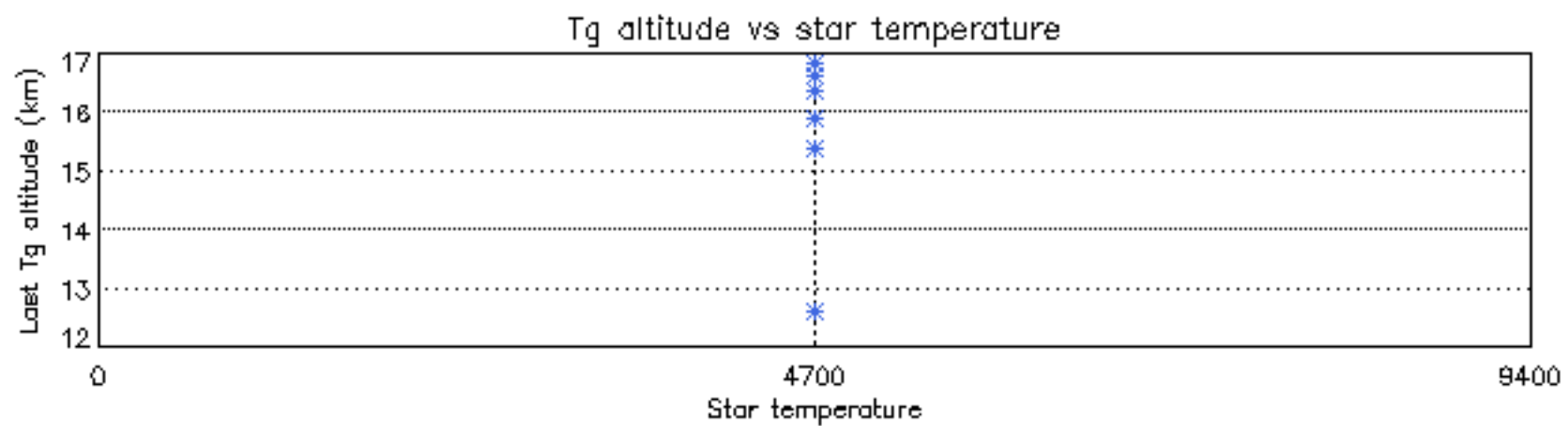
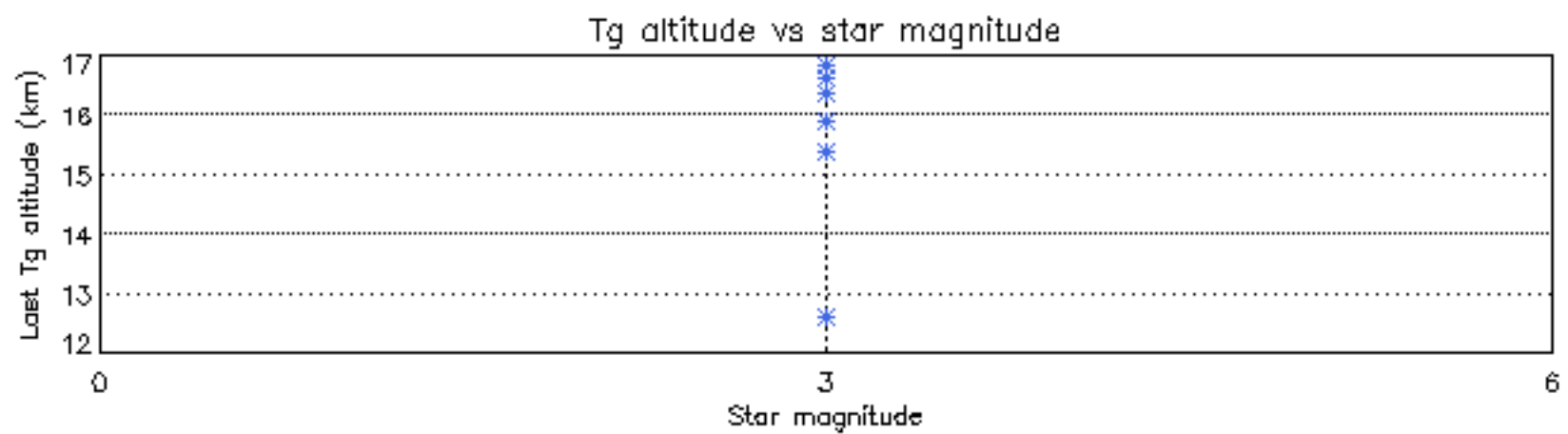
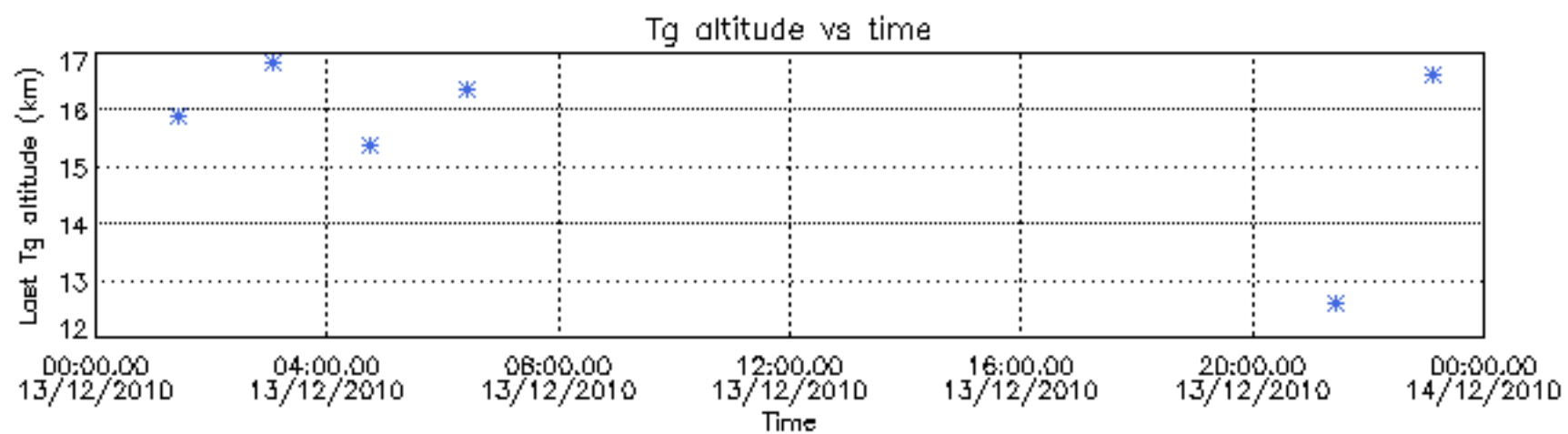
Tangent altitude at which the star is lost

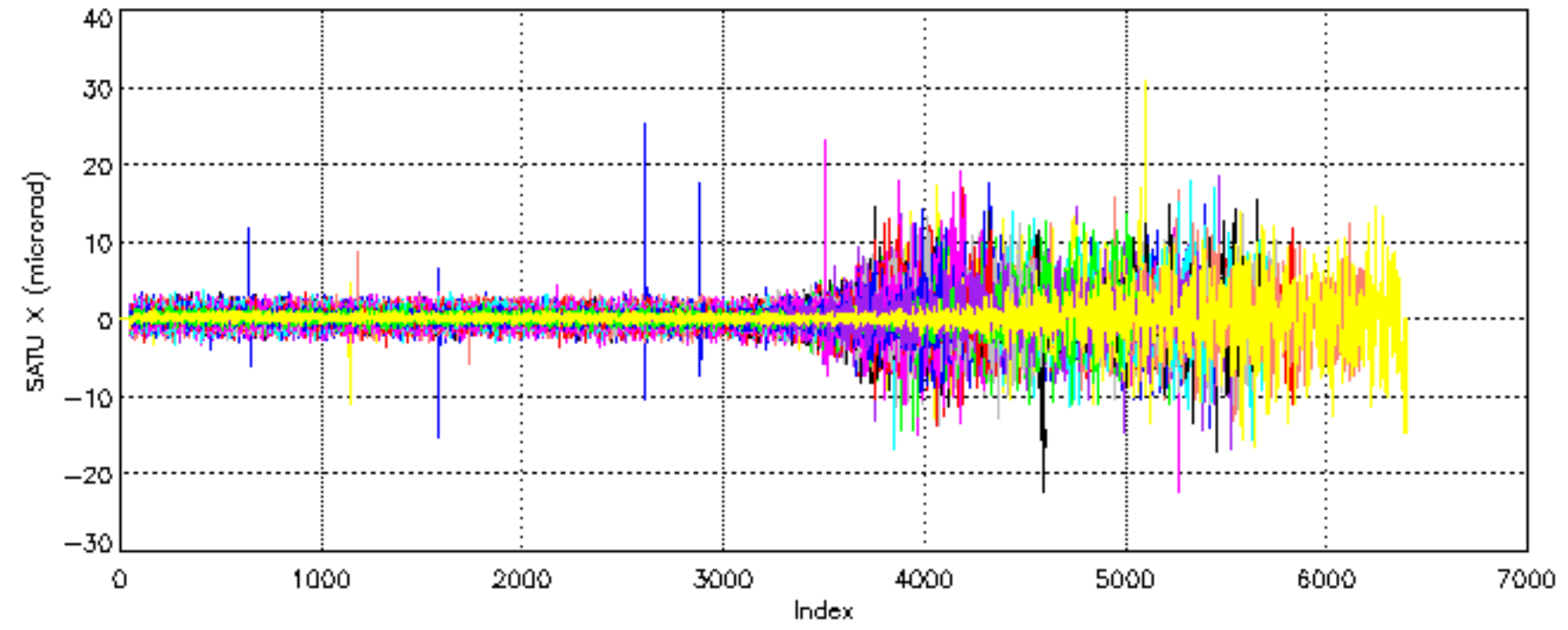


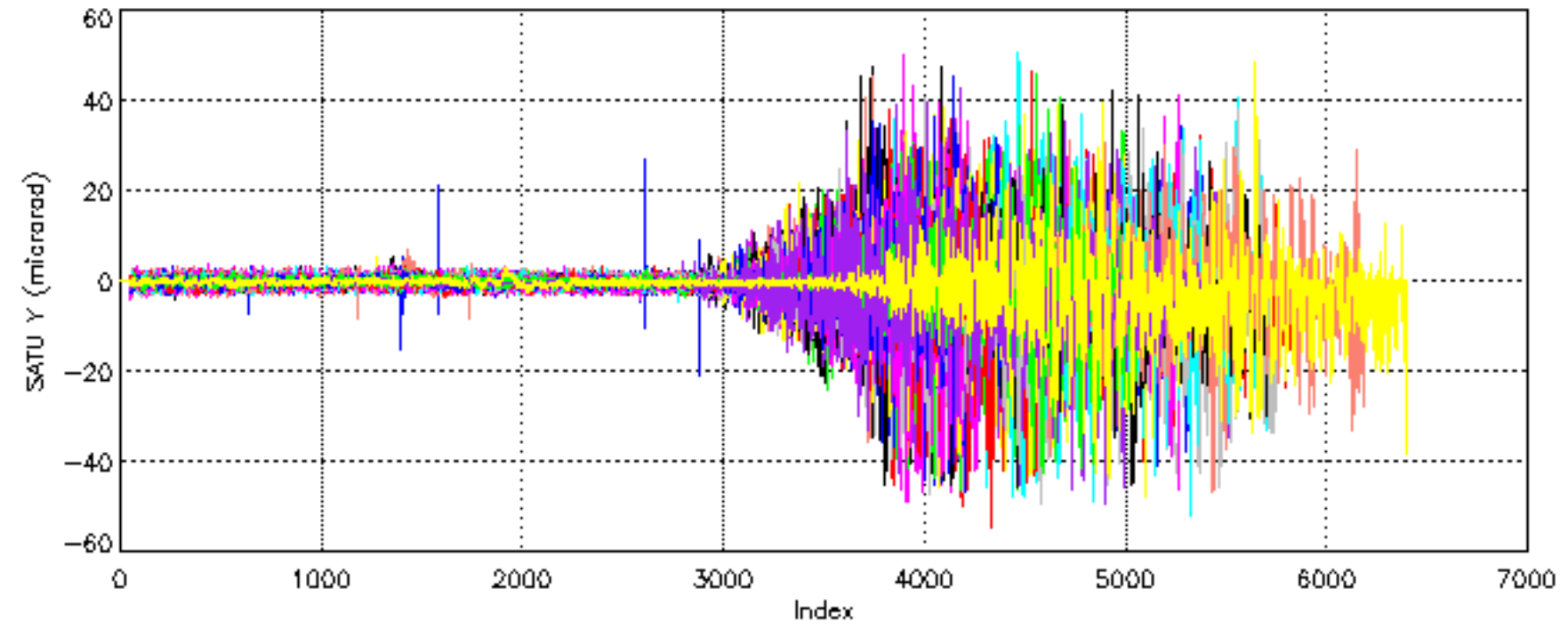
Tangent altitude at which the star is lost

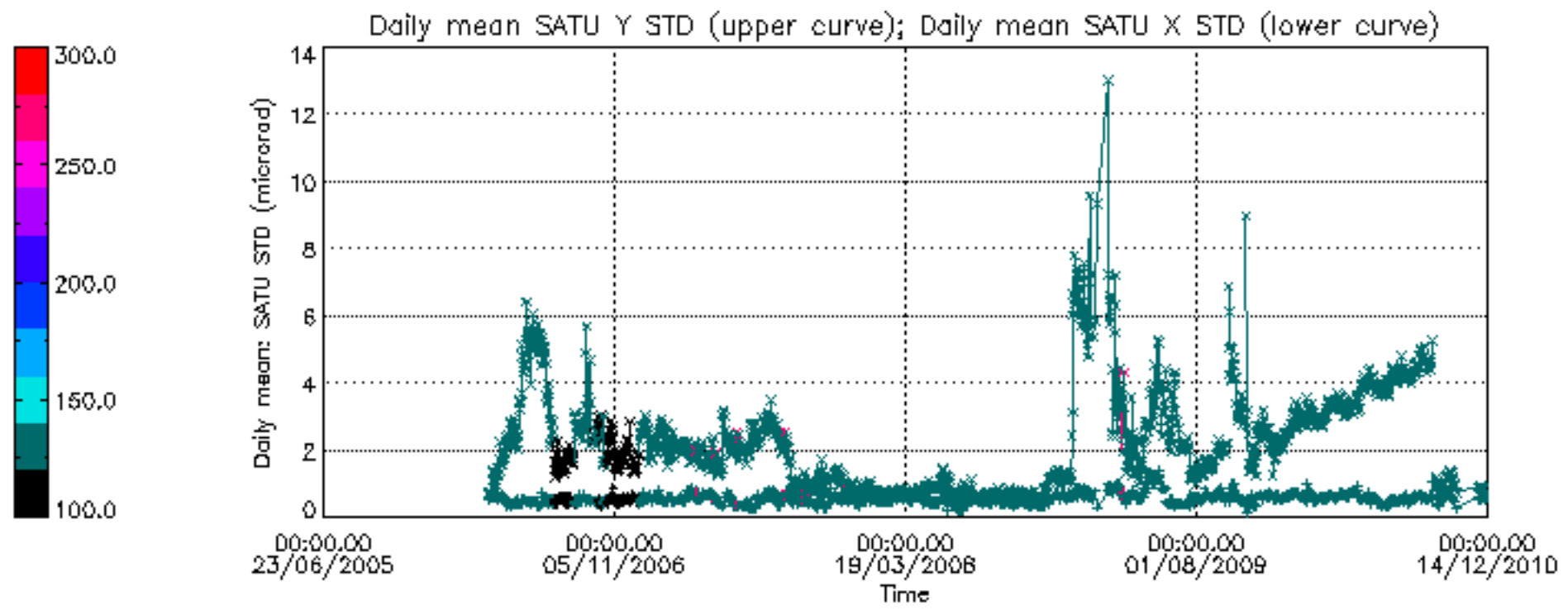


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20101201_002235_000056993097_00059_45763_1795.N1

1; -581.2; 01-DEC-2010 00:22:35; Dark ; 49.0; 100; 4Gam Crv ; 2.58; 13100;occ; 98; 0;45763
 2; -485.7; 01-DEC-2010 00:24:11; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;45763
 3; 80.8; 01-DEC-2010 00:33:37; Dark ; 42.0; 113; Mu Vel ; 2.69; 5000;occ; 84; 0;45764
 4; 404.8; 01-DEC-2010 00:39:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45764
 5; 595.6; 01-DEC-2010 00:42:12; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;45764
 6; 797.9; 01-DEC-2010 00:45:35; Dark ; 49.0; 2; Alp Car ;-0.74; 7000;occ; 98; 0;45764
 7; 907.6; 01-DEC-2010 00:47:24; Dark ; 59.5; 117; Pi Pup ; 2.71; 3800;occ; 119; 0;45764
 8; 1181.6; 01-DEC-2010 00:51:58; Dark ; 47.0; 108; Alp Col ; 2.65; 15200;occ; 94; 0;45764
 9; 1523.2; 01-DEC-2010 00:57:40; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;45764
 10; 1739.4; 01-DEC-2010 01:01:16; Dark ; 68.5; 7; 19Bet Ori ; 0.10; 14000;occ; 137; 0;45764
 11; 2218.1; 01-DEC-2010 01:09:15; Bright; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;45764
 12; 2314.7; 01-DEC-2010 01:10:51; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 0;45764
 13; 2456.2; 01-DEC-2010 01:13:13; Bright; 36.5; 150; 44Zet Per ; 2.89; 28000;occ; 73; 0;45764
 14; 2601.4; 01-DEC-2010 01:15:38; Bright; 37.0; 149; 45Eps Per ; 2.89; 30000;occ; 74; 0;45764
 15; 2722.5; 01-DEC-2010 01:17:39; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45764
 16; 2831.7; 01-DEC-2010 01:19:28; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;45764
 17; 2940.4; 01-DEC-2010 01:21:17; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;45764
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| 7; | 2313.3; | 01-DEC-2010 | 17:53:10; | Bright; | | 39.5; | 146; | 25Eta Tau | ; | 2.87; | 15200; | occ; | 79; | 0; | 45774 |
| 8; | 2454.3; | 01-DEC-2010 | 17:55:31; | Bright; | | 39.0; | 150; | 44Zet Per | ; | 2.89; | 28000; | occ; | 78; | 0; | 45774 |
| 9; | 2599.0; | 01-DEC-2010 | 17:57:56; | Bright; | | 37.0; | 149; | 45Eps Per | ; | 2.89; | 30000; | occ; | 74; | 0; | 45774 |
| 10; | 2720.7; | 01-DEC-2010 | 17:59:58; | Bright; | | 37.5; | 175; | 39Del Per | ; | 3.01; | 19400; | occ; | 75; | 0; | 45774 |
| 11; | 2825.4; | 01-DEC-2010 | 18:01:42; | Bright; | | 50.0; | 6; | 13Alp Aur | ; | 0.08; | 3400; | occ; | 100; | 0; | 45774 |
| 12; | 2931.3; | 01-DEC-2010 | 18:03:28; | Bright; | | 49.5; | 42; | 34Bet Aur | ; | 1.90; | 10200; | occ; | 99; | 0; | 45774 |
| 13; | 3797.8; | 01-DEC-2010 | 18:17:55; | Bright; | | 42.5; | 36; | 50Alp UMa | ; | 1.80; | 6300; | occ; | 85; | 0; | 45774 |
| 14; | 3893.2; | 01-DEC-2010 | 18:19:30; | Bright; | | 48.5; | 82; | 48Bet UMa | ; | 2.37; | 10600; | occ; | 97; | 0; | 45774 |
| 15; | 3993.5; | 01-DEC-2010 | 18:21:11; | Bright; | | 40.0; | 32; | 77Eps UMa | ; | 1.76; | 11000; | occ; | 80; | 0; | 45774 |
| 16; | 4162.4; | 01-DEC-2010 | 18:23:59; | Bright; | | 40.0; | 174; | 52Psi UMa | ; | 3.00; | 4400; | occ; | 80; | 0; | 45774 |
| 17; | 4327.0; | 01-DEC-2010 | 18:26:44; | Bright; | | 39.5; | 152; | 12Alp2CVn | ; | 2.89; | 11000; | occ; | 79; | 0; | 45774 |
| 18; | 4903.7; | 01-DEC-2010 | 18:36:21; | Bright; | | 60.5; | 62; | 94Bet Leo | ; | 2.14; | 9700; | occ; | 121; | 0; | 45774 |
| 19; | 5101.3; | 01-DEC-2010 | 18:39:38; | Bright; | | 44.5; | 121; | 29Gam Vir | ; | 2.74; | 7200; | occ; | 89; | 0; | 45774 |
| 20; | 5441.9; | 01-DEC-2010 | 18:45:19; | Dark | ; | 46.5; | 100; | 4Gam Crv | ; | 2.58; | 13100; | occ; | 93; | 0; | 45774 |
| 21; | 5537.5; | 01-DEC-2010 | 18:46:55; | Dark | ; | 47.0; | 171; | 2Eps Crv | ; | 3.00; | 4250; | occ; | 94; | 0; | 45774 |
| 22; | 6103.7; | 01-DEC-2010 | 18:56:21; | Dark | ; | 44.5; | 113; | Mu Vel | ; | 2.69; | 5000; | occ; | 89; | 0; | 45775 |
| 23; | 6428.1; | 01-DEC-2010 | 19:01:45; | Dark | ; | 59.5; | 0; | | ; | 0.00; | 0; | occ; | 119; | 0; | 45775 |
| 24; | 6619.6; | 01-DEC-2010 | 19:04:57; | Dark | ; | 49.0; | 34; | Gam2Vel | ; | 1.79; | 23000; | occ; | 98; | 0; | 45775 |
| 25; | 6817.8; | 01-DEC-2010 | 19:08:15; | Dark | ; | 58.0; | 2; | Alp Car | ; | -0.74; | 7000; | occ; | 116; | 0; | 45775 |
| 26; | 6931.0; | 01-DEC-2010 | 19:10:08; | Dark | ; | 56.0; | 117; | Pi Pup | ; | 2.71; | 3800; | occ; | 112; | 0; | 45775 |

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20101201_191008_000059503097_00071_45775_2794.N1

| | | | | | | | | | | | | | | | |
|-----|---------|-------------|-----------|---------|---|-------|------|-----------|---|--------|--------|------|------|----|-------|
| 1; | 916.9; | 01-DEC-2010 | 19:10:08; | Dark | ; | 63.0; | 117; | Pi Pup | ; | 2.71; | 3800; | occ; | 126; | 0; | 45775 |
| 2; | 1186.4; | 01-DEC-2010 | 19:14:38; | Dark | ; | 48.5; | 108; | Alp Col | ; | 2.65; | 15200; | occ; | 97; | 0; | 45775 |
| 3; | 1525.0; | 01-DEC-2010 | 19:20:16; | Dark | ; | 54.5; | 101; | 11Alp Lep | ; | 2.58; | 7000; | occ; | 109; | 0; | 45775 |
| 4; | 1738.8; | 01-DEC-2010 | 19:23:50; | Dark | ; | 61.0; | 7; | 19Bet Ori | ; | 0.10; | 14000; | occ; | 122; | 0; | 45775 |
| 5; | 1931.7; | 01-DEC-2010 | 19:27:03; | Dark | ; | 26.0; | 72; | 34Del Ori | ; | 2.25; | 30000; | occ; | 52; | 0; | 45775 |
| 6; | 2076.6; | 01-DEC-2010 | 19:29:28; | Dark | ; | 40.0; | 27; | 24Gam Ori | ; | 1.64; | 26000; | occ; | 80; | 0; | 45775 |
| 7; | 2214.7; | 01-DEC-2010 | 19:31:46; | Dark | ; | 55.5; | 13; | 87Alp Tau | ; | 0.87; | 3800; | occ; | 111; | 0; | 45775 |
| 8; | 2313.2; | 01-DEC-2010 | 19:33:24; | Bright; | | 39.0; | 146; | 25Eta Tau | ; | 2.87; | 15200; | occ; | 78; | 0; | 45775 |
| 9; | 2454.1; | 01-DEC-2010 | 19:35:45; | Bright; | | 38.5; | 150; | 44Zet Per | ; | 2.89; | 28000; | occ; | 77; | 0; | 45775 |
| 10; | 2598.9; | 01-DEC-2010 | 19:38:10; | Bright; | | 41.5; | 149; | 45Eps Per | ; | 2.89; | 30000; | occ; | 83; | 0; | 45775 |
| 11; | 2720.6; | 01-DEC-2010 | 19:40:12; | Bright; | | 36.5; | 175; | 39Del Per | ; | 3.01; | 19400; | occ; | 73; | 0; | 45775 |
| 12; | 2824.8; | 01-DEC-2010 | 19:41:56; | Bright; | | 49.5; | 6; | 13Alp Aur | ; | 0.08; | 3400; | occ; | 99; | 0; | 45775 |
| 13; | 2930.3; | 01-DEC-2010 | 19:43:41; | Bright; | | 49.5; | 42; | 34Bet Aur | ; | 1.90; | 10200; | occ; | 99; | 0; | 45775 |
| 14; | 3797.5; | 01-DEC-2010 | 19:58:09; | Bright; | | 42.5; | 36; | 50Alp UMa | ; | 1.80; | 6300; | occ; | 85; | 0; | 45775 |
| 15; | 3892.7; | 01-DEC-2010 | 19:59:44; | Bright; | | 44.0; | 82; | 48Bet UMa | ; | 2.37; | 10600; | occ; | 88; | 0; | 45775 |
| 16; | 3993.4; | 01-DEC-2010 | 20:01:25; | Bright; | | 37.5; | 32; | 77Eps UMa | ; | 1.76; | 11000; | occ; | 75; | 0; | 45775 |
| 17; | 4162.0; | 01-DEC-2010 | 20:04:13; | Bright; | | 40.0; | 174; | 52Psi UMa | ; | 3.00; | 4400; | occ; | 80; | 0; | 45775 |
| 18; | 4327.0; | 01-DEC-2010 | 20:06:58; | Bright; | | 39.0; | 152; | 12Alp2CVn | ; | 2.89; | 11000; | occ; | 78; | 0; | 45775 |
| 19; | 4904.4; | 01-DEC-2010 | 20:16:36; | Bright; | | 56.5; | 62; | 94Bet Leo | ; | 2.14; | 9700; | occ; | 113; | 0; | 45775 |
| 20; | 5101.7; | 01-DEC-2010 | 20:19:53; | Bright; | | 42.5; | 121; | 29Gam Vir | ; | 2.74; | 7200; | occ; | 85; | 0; | 45775 |
| 21; | 5442.6; | 01-DEC-2010 | 20:25:34; | Dark | ; | 47.0; | 100; | 4Gam Crv | ; | 2.58; | 13100; | occ; | 94; | 0; | 45775 |
| 22; | 5538.2; | 01-DEC-2010 | 20:27:09; | Dark | ; | 47.5; | 171; | 2Eps Crv | ; | 3.00; | 4250; | occ; | 95; | 0; | 45775 |
| 23; | 6104.4; | 01-DEC-2010 | 20:36:36; | Dark | ; | 42.0; | 113; | Mu Vel | ; | 2.69; | 5000; | occ; | 84; | 0; | 45776 |
| 24; | 6428.9; | 01-DEC-2010 | 20:42:00; | Dark | ; | 59.5; | 0; | | ; | 0.00; | 0; | occ; | 119; | 0; | 45776 |
| 25; | 6620.3; | 01-DEC-2010 | 20:45:11; | Dark | ; | 52.5; | 34; | Gam2Vel | ; | 1.79; | 23000; | occ; | 105; | 0; | 45776 |
| 26; | 6818.2; | 01-DEC-2010 | 20:48:29; | Dark | ; | 49.0; | 2; | Alp Car | ; | -0.74; | 7000; | occ; | 98; | 0; | 45776 |

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20101202_012754_000094643097_00074_45778_1802.N1

| | | | | | | | | | | | | | | | |
|-----|---------|-------------|-----------|---------|---|-------|------|-----------|---|--------|--------|------|------|----|-------|
| 1; | -473.3; | 02-DEC-2010 | 01:27:54; | Dark | ; | 47.5; | 171; | 2Eps Crv | ; | 3.00; | 4250; | occ; | 95; | 0; | 45778 |
| 2; | 92.9; | 02-DEC-2010 | 01:37:20; | Dark | ; | 42.5; | 113; | Mu Vel | ; | 2.69; | 5000; | occ; | 85; | 0; | 45779 |
| 3; | 417.4; | 02-DEC-2010 | 01:42:44; | Dark | ; | 59.5; | 0; | | ; | 0.00; | 0; | occ; | 119; | 0; | 45779 |
| 4; | 608.9; | 02-DEC-2010 | 01:45:56; | Dark | ; | 48.5; | 34; | Gam2Vel | ; | 1.79; | 23000; | occ; | 97; | 0; | 45779 |
| 5; | 805.9; | 02-DEC-2010 | 01:49:13; | Dark | ; | 49.5; | 2; | Alp Car | ; | -0.74; | 7000; | occ; | 99; | 0; | 45779 |
| 6; | 920.4; | 02-DEC-2010 | 01:51:07; | Dark | ; | 63.5; | 117; | Pi Pup | ; | 2.71; | 3800; | occ; | 127; | 0; | 45779 |
| 7; | 1188.0; | 02-DEC-2010 | 01:55:35; | Dark | ; | 47.5; | 108; | Alp Col | ; | 2.65; | 15200; | occ; | 95; | 0; | 45779 |
| 8; | 1525.7; | 02-DEC-2010 | 02:01:13; | Dark | ; | 54.5; | 101; | 11Alp Lep | ; | 2.58; | 7000; | occ; | 109; | 0; | 45779 |
| 9; | 1738.6; | 02-DEC-2010 | 02:04:46; | Dark | ; | 58.5; | 7; | 19Bet Ori | ; | 0.10; | 14000; | occ; | 117; | 0; | 45779 |
| 10; | 1930.1; | 02-DEC-2010 | 02:07:57; | Dark | ; | 39.0; | 72; | 34Del Ori | ; | 2.25; | 30000; | occ; | 78; | 0; | 45779 |
| 11; | 2074.7; | 02-DEC-2010 | 02:10:22; | Dark | ; | 53.0; | 27; | 24Gam Ori | ; | 1.64; | 26000; | occ; | 106; | 0; | 45779 |
| 12; | 2213.6; | 02-DEC-2010 | 02:12:41; | Dark | ; | 60.5; | 13; | 87Alp Tau | ; | 0.87; | 3800; | occ; | 121; | 0; | 45779 |
| 13; | 2312.7; | 02-DEC-2010 | 02:14:20; | Bright; | | 37.0; | 146; | 25Eta Tau | ; | 2.87; | 15200; | occ; | 74; | 0; | 45779 |


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14; 2453.3; 02-DEC-2010 02:16:40; Bright; 39.0; 150; 44Zet Per ; 2.89; 28000;occ; 78; 0;45779
15; 2597.9; 02-DEC-2010 02:19:05; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;45779
16; 2720.1; 02-DEC-2010 02:21:07; Bright; 36.0; 175; 39Del Per ; 3.01; 19400;occ; 72; 0;45779
17; 2822.4; 02-DEC-2010 02:22:49; Bright; 49.5; 6; 13Alp Aur ; 0.08; 3400;occ; 99; 0;45779
18; 2926.6; 02-DEC-2010 02:24:34; Bright; 51.0; 42; 34Bet Aur ; 1.90; 10200;occ; 102; 0;45779
19; 3796.1; 02-DEC-2010 02:39:03; Bright; 41.0; 36; 50Alp UMa ; 1.80; 6300;occ; 82; 0;45779
20; 3891.3; 02-DEC-2010 02:40:38; Bright; 47.5; 82; 48Bet UMa ; 2.37; 10600;occ; 95; 0;45779
21; 3993.2; 02-DEC-2010 02:42:20; Bright; 38.5; 32; 77Eps UMa ; 1.76; 11000;occ; 77; 0;45779
22; 4161.0; 02-DEC-2010 02:45:08; Bright; 29.0; 174; 52Psi UMa ; 3.00; 4400;occ; 58; 0;45779
23; 4327.3; 02-DEC-2010 02:47:54; Bright; 40.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 81; 0;45779
24; 4907.3; 02-DEC-2010 02:57:34; Bright; 50.0; 62; 94Bet Leo ; 2.14; 9700;occ; 100; 0;45779
25; 5104.2; 02-DEC-2010 03:00:51; Bright; 45.5; 121; 29Gam Vir ; 2.74; 7200;occ; 91; 0;45779
26; 5446.0; 02-DEC-2010 03:06:33; Dark ; 48.0; 100; 4Gam Crv ; 2.58; 13100;occ; 96; 0;45779
27; 5541.7; 02-DEC-2010 03:08:09; Dark ; 46.5; 171; 2Eps Crv ; 3.00; 4250;occ; 93; 0;45779
28; 6107.8; 02-DEC-2010 03:17:35; Dark ; 44.0; 113; Mu Vel ; 2.69; 5000;occ; 88; 0;45780
29; 6432.2; 02-DEC-2010 03:22:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45780
30; 6624.1; 02-DEC-2010 03:26:11; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;45780
31; 6820.5; 02-DEC-2010 03:29:28; Dark ; 48.5; 2; Alp Car ;-0.74; 7000;occ; 97; 0;45780
32; 6935.1; 02-DEC-2010 03:31:22; Dark ; 61.5; 117; Pi Pup ; 2.71; 3800;occ; 123; 0;45780
33; 7202.6; 02-DEC-2010 03:35:50; Dark ; 46.5; 108; Alp Col ; 2.65; 15200;occ; 93; 0;45780
34; 7539.9; 02-DEC-2010 03:41:27; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;45780
35; 7752.7; 02-DEC-2010 03:45:00; Dark ; 57.5; 7; 19Bet Ori ; 0.10; 14000;occ; 115; 0;45780
36; 7944.0; 02-DEC-2010 03:48:11; Dark ; 46.0; 72; 34Del Ori ; 2.25; 30000;occ; 92; 0;45780
37; 8088.3; 02-DEC-2010 03:50:35; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;45780
38; 8227.3; 02-DEC-2010 03:52:54; Dark ; 59.5; 13; 87Alp Tau ; 0.87; 3800;occ; 119; 0;45780
39; 8326.8; 02-DEC-2010 03:54:34; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 0;45780
40; 8467.3; 02-DEC-2010 03:56:54; Bright; 39.0; 150; 44Zet Per ; 2.89; 28000;occ; 78; 0;45780
41; 8611.8; 02-DEC-2010 03:59:19; Bright; 36.5; 149; 45Eps Per ; 2.89; 30000;occ; 73; 0;45780
42; 8733.8; 02-DEC-2010 04:01:21; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45780
43; 8835.8; 02-DEC-2010 04:03:03; Bright; 49.5; 6; 13Alp Aur ; 0.08; 3400;occ; 99; 0;45780
44; 8939.8; 02-DEC-2010 04:04:47; Bright; 51.0; 42; 34Bet Aur ; 1.90; 10200;occ; 102; 0;45780
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 1; -2218.3; 02-DEC-2010 04:19:17; Bright; 46.5; 36; 50Alp UMa ; 1.80; 6300;occ; 93; 0;45780
 2; -2123.2; 02-DEC-2010 04:20:52; Bright; 46.5; 82; 48Bet UMa ; 2.37; 10600;occ; 93; 0;45780
 3; -2021.0; 02-DEC-2010 04:22:34; Bright; 39.5; 32; 77Eps UMa ; 1.76; 11000;occ; 79; 0;45780
 4; -1686.8; 02-DEC-2010 04:28:08; Bright; 43.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 86; 0;45780
 5; -1106.0; 02-DEC-2010 04:37:49; Bright; 41.0; 62; 94Bet Leo ; 2.14; 9700;occ; 82; 0;45780
 6; -909.3; 02-DEC-2010 04:41:06; Bright; 47.0; 121; 29Gam Vir ; 2.74; 7200;occ; 94; 0;45780
 7; -567.2; 02-DEC-2010 04:46:48; Dark ; 48.0; 100; 4Gam Crv ; 2.58; 13100;occ; 96; 0;45780
 8; -471.6; 02-DEC-2010 04:48:24; Dark ; 43.5; 171; 2Eps Crv ; 3.00; 4250;occ; 87; 0;45780
 9; 94.3; 02-DEC-2010 04:57:50; Dark ; 43.5; 113; Mu Vel ; 2.69; 5000;occ; 87; 0;45781
10; 419.0; 02-DEC-2010 05:03:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45781
11; 610.8; 02-DEC-2010 05:06:26; Dark ; 49.0; 34; Gam2Vel ; 1.79; 23000;occ; 98; 0;45781
12; 807.0; 02-DEC-2010 05:09:42; Dark ; 58.0; 2; Alp Car ;-0.74; 7000;occ; 116; 0;45781
13; 921.9; 02-DEC-2010 05:11:37; Dark ; 63.0; 117; Pi Pup ; 2.71; 3800;occ; 126; 0;45781
14; 1188.9; 02-DEC-2010 05:16:04; Dark ; 46.5; 108; Alp Col ; 2.65; 15200;occ; 93; 0;45781
15; 1525.9; 02-DEC-2010 05:21:41; Dark ; 57.0; 101; 11Alp Lep ; 2.58; 7000;occ; 114; 0;45781
16; 1738.7; 02-DEC-2010 05:25:14; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;45781
17; 1929.6; 02-DEC-2010 05:28:25; Dark ; 46.0; 72; 34Del Ori ; 2.25; 30000;occ; 92; 0;45781
18; 2073.8; 02-DEC-2010 05:30:49; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;45781
19; 2212.9; 02-DEC-2010 05:33:08; Dark ; 59.5; 13; 87Alp Tau ; 0.87; 3800;occ; 119; 0;45781
20; 2312.6; 02-DEC-2010 05:34:48; Bright; 39.5; 146; 25Eta Tau ; 2.87; 15200;occ; 79; 0;45781
21; 2453.0; 02-DEC-2010 05:37:08; Bright; 38.5; 150; 44Zet Per ; 2.89; 28000;occ; 77; 0;45781
22; 2597.6; 02-DEC-2010 05:39:33; Bright; 38.5; 149; 45Eps Per ; 2.89; 30000;occ; 77; 0;45781
23; 2719.7; 02-DEC-2010 05:41:35; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45781
24; 2821.1; 02-DEC-2010 05:43:16; Bright; 49.5; 6; 13Alp Aur ; 0.08; 3400;occ; 99; 0;45781
25; 2924.8; 02-DEC-2010 05:45:00; Bright; 50.0; 42; 34Bet Aur ; 1.90; 10200;occ; 100; 0;45781
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20101202_201225_000043113097_00086_45790_1804.N1
 1; 843.9; 02-DEC-2010 20:12:25; Dark ; 58.0; 2; Alp Car ;-0.74; 7000;occ; 116; 65;45790
 2; 929.4; 02-DEC-2010 20:13:51; Dark ; 59.5; 117; Pi Pup ; 2.71; 3800;occ; 119; 0;45790
 3; 1152.1; 02-DEC-2010 20:17:34; Dark ; 28.0; 23; 21Eps CMA ; 1.50; 26000;occ; 56; 0;45790
 4; 1206.6; 02-DEC-2010 20:18:28; Dark ; 51.5; 177; 1Zet CMA ; 3.02; 26000;occ; 103; 0;45790
 5; 1527.1; 02-DEC-2010 20:23:49; Dark ; 51.0; 101; 11Alp Lep ; 2.58; 7000;occ; 102; 0;45790
 6; 1737.8; 02-DEC-2010 20:27:19; Dark ; 57.5; 7; 19Bet Ori ; 0.10; 14000;occ; 115; 0;45790
 7; 1910.1; 02-DEC-2010 20:30:12; Dark ; 41.0; 30; 46Eps Ori ; 1.69; 30000;occ; 82; 0;45790
 8; 2069.5; 02-DEC-2010 20:32:51; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;45790
 9; 2209.9; 02-DEC-2010 20:35:11; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;45790
10; 2311.3; 02-DEC-2010 20:36:53; Bright; 38.5; 146; 25Eta Tau ; 2.87; 15200;occ; 77; 0;45790

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11; 2451.0; 02-DEC-2010 20:39:13; Bright; 38.0; 150; 44Zet Per ; 2.89; 28000;occ; 76; 0;45790
 12; 2595.4; 02-DEC-2010 20:41:37; Bright; 37.5; 149; 45Eps Per ; 2.89; 30000;occ; 75; 0;45790
 13; 2718.1; 02-DEC-2010 20:43:40; Bright; 35.0; 175; 39Del Per ; 3.01; 19400;occ; 70; 0;45790
 14; 2815.5; 02-DEC-2010 20:45:17; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;45790
 15; 2916.6; 02-DEC-2010 20:46:58; Bright; 50.5; 42; 34Bet Aur ; 1.90; 10200;occ; 101; 0;45790
 16; 3792.0; 02-DEC-2010 21:01:34; Bright; 46.0; 36; 50Alp UMa ; 1.80; 6300;occ; 92; 0;45790
 17; 3886.8; 02-DEC-2010 21:03:08; Bright; 46.5; 82; 48Bet UMa ; 2.37; 10600;occ; 93; 0;45790
 18; 3991.9; 02-DEC-2010 21:04:53; Bright; 41.0; 32; 77Eps UMa ; 1.76; 11000;occ; 82; 0;45790
 19; 4327.7; 02-DEC-2010 21:10:29; Bright; 40.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 81; 0;45790
 20; 4846.3; 02-DEC-2010 21:19:08; Bright; 40.5; 138; 47Eps Vir ; 2.83; 4700;occ; 81; 0;45790
 21; 5111.0; 02-DEC-2010 21:23:33; Bright; 44.0; 121; 29Gam Vir ; 2.74; 7200;occ; 88; 0;45790

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20101202_230932_000057163097_00087_45791_1805.N1

1; -558.1; 02-DEC-2010 23:09:32; Dark ; 49.0; 100; 4Gam Crv ; 2.58; 13100;occ; 98; 0;45791
 2; -462.3; 02-DEC-2010 23:11:07; Dark ; 47.5; 171; 2Eps Crv ; 3.00; 4250;occ; 95; 0;45791
 3; 103.1; 02-DEC-2010 23:20:33; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;45792
 4; 428.2; 02-DEC-2010 23:25:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45792
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 6; 812.3; 02-DEC-2010 23:32:22; Dark ; 46.0; 2; Alp Car ;-0.74; 7000;occ; 92; 0;45792
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22; 6837.9; 04-DEC-2010 13:57:56; Dark ; 58.0; 2; Alp Car ;-0.74; 7000;occ; 116; 0;45815
23; 6963.1; 04-DEC-2010 14:00:01; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 0;45815
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 13; 3987.6; 05-DEC-2010 12:33:42; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;45828
 14; 4120.1; 05-DEC-2010 12:35:55; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;45828
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 16; 4666.7; 05-DEC-2010 12:45:01; Bright; 37.0; 111; 8Eta Boo ; 2.68; 6000;occ; 74; 0;45828
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 27; 7546.7; 05-DEC-2010 13:33:01; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;45829

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7; 2444.8; 05-DEC-2010 13:48:13; Bright; 37.5; 150; 44Zet Per ; 2.89; 28000;occ; 75; 0;45829
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11; 3777.2; 05-DEC-2010 14:10:26; Bright; 46.0; 36; 50Alp UMa ; 1.80; 6300;occ; 92; 0;45829
12; 3870.4; 05-DEC-2010 14:11:59; Bright; 47.0; 82; 48Bet UMa ; 2.37; 10600;occ; 94; 0;45829
13; 3987.5; 05-DEC-2010 14:13:56; Bright; 39.5; 32; 77Eps UMa ; 1.76; 11000;occ; 79; 0;45829
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18; 5136.4; 05-DEC-2010 14:33:05; Dark ; 55.0; 121; 29Gam Vir ; 2.74; 7200;occ; 110; 0;45829
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22; 6473.7; 05-DEC-2010 14:55:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45830
23; 6666.6; 05-DEC-2010 14:58:35; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45830
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3; 1914.6; 05-DEC-2010 15:19:37; Dark ; 52.0; 72; 34Del Ori ; 2.25; 30000;occ; 104; 0;45830
4; 2052.7; 05-DEC-2010 15:21:55; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;45830
5; 2199.2; 05-DEC-2010 15:24:22; Dark ; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;45830
6; 2307.4; 05-DEC-2010 15:26:10; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 0;45830
7; 2444.7; 05-DEC-2010 15:28:27; Bright; 38.5; 150; 44Zet Per ; 2.89; 28000;occ; 77; 0;45830
8; 2534.4; 05-DEC-2010 15:29:57; Bright; 44.5; 114; 3Iot Aur ; 2.69; 4600;occ; 89; 0;45830
9; 3776.8; 05-DEC-2010 15:50:39; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;45830
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11; 3987.6; 05-DEC-2010 15:54:10; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;45830
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13; 4329.6; 05-DEC-2010 15:59:52; Bright; 41.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 82; 0;45830
14; 4667.1; 05-DEC-2010 16:05:30; Bright; 37.0; 111; 8Eta Boo ; 2.68; 6000;occ; 74; 0;45830
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16; 5137.4; 05-DEC-2010 16:13:20; Dark ; 54.0; 121; 29Gam Vir ; 2.74; 7200;occ; 108; 0;45830
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18; 5587.1; 05-DEC-2010 16:20:50; Dark ; 52.0; 171; 2Eps Crv ; 3.00; 4250;occ; 104; 0;45830
19; 6148.9; 05-DEC-2010 16:30:12; Dark ; 44.0; 113; Mu Vel ; 2.69; 5000;occ; 88; 0;45831
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21; 6667.4; 05-DEC-2010 16:38:50; Dark ; 50.0; 34; Gam2Vel ; 1.79; 23000;occ; 100; 0;45831
22; 6845.8; 05-DEC-2010 16:41:48; Dark ; 51.0; 2; Alp Car ; -0.74; 7000;occ; 102; 0;45831
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7; 2307.3; 05-DEC-2010 17:06:24; Bright; 38.5; 146; 25Eta Tau ; 2.87; 15200;occ; 77; 0;45831
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16; 4863.7; 05-DEC-2010 17:49:00; Bright; 62.0; 138; 47Eps Vir ; 2.83; 4700;occ; 124; 0;45831
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 6; 2051.7; 05-DEC-2010 18:42:23; Dark ; 56.0; 27; 24Gam Ori ; 1.64; 26000;occ; 112; 0;45832
 7; 2198.6; 05-DEC-2010 18:44:49; Dark ; 60.0; 13; 87Alp Tau ; 0.87; 3800;occ; 120; 0;45832
 8; 2307.2; 05-DEC-2010 18:46:38; Bright; 38.5; 146; 25Eta Tau ; 2.87; 15200;occ; 77; 0;45832
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18; 4864.0; 05-DEC-2010 19:29:15; Bright; 63.0; 138; 47Eps Vir ; 2.83; 4700;occ; 126; 0;45832
19; 5138.7; 05-DEC-2010 19:33:50; Dark ; 56.0; 121; 29Gam Vir ; 2.74; 7200;occ; 112; 0;45832
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22; 6150.4; 05-DEC-2010 19:50:41; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45833
23; 6476.2; 05-DEC-2010 19:56:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45833
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15; 2531.3; 06-DEC-2010 01:31:18; Bright; 44.0; 114; 3Iot Aur ; 2.69; 4600;occ; 88; 0;45836
16; 2711.3; 06-DEC-2010 01:34:18; Bright; 36.0; 175; 39Del Per ; 3.01; 19400;occ; 72; 0;45836
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19; 3986.5; 06-DEC-2010 01:55:33; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;45836
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 7; 965.8; 06-DEC-2010 02:45:27; Dark ; 61.5; 117; Pi Pup ; 2.71; 3800;occ; 123; 0;45837
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 10; 3766.7; 07-DEC-2010 09:36:20; Bright; 66.0; 36; 50Alp UMA ; 1.80; 6300;occ; 132; 0;45855
 11; 3858.9; 07-DEC-2010 09:37:52; Bright; 51.0; 82; 48Bet UMA ; 2.37; 10600;occ; 102; 0;45855
 12; 3984.2; 07-DEC-2010 09:39:58; Bright; 42.5; 32; 77Eps UMA ; 1.76; 11000;occ; 85; 0;45855
 13; 4120.4; 07-DEC-2010 09:42:14; Bright; 39.0; 39; 85Eta UMA ; 1.85; 24000;occ; 78; 0;45855
 14; 4330.6; 07-DEC-2010 09:45:44; Bright; 42.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 84; 0;45855
 15; 4673.1; 07-DEC-2010 09:51:27; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;45855
 16; 4874.6; 07-DEC-2010 09:54:48; Bright; 45.0; 138; 47Eps Vir ; 2.83; 4700;occ; 90; 0;45855
 17; 5155.0; 07-DEC-2010 09:59:29; Dark ; 52.5; 121; 29Gam Vir ; 2.74; 7200;occ; 105; 0;45855
 18; 5431.2; 07-DEC-2010 10:04:05; Dark ; 41.0; 169; 46Gam Hya ; 2.99; 4700;occ; 82; 0;45855
 19; 5515.0; 07-DEC-2010 10:05:28; Dark ; 51.0; 100; 4Gam Crv ; 2.58; 13100;occ; 102; 0;45855
 20; 5611.3; 07-DEC-2010 10:07:05; Dark ; 52.0; 171; 2Eps Crv ; 3.00; 4250;occ; 104; 0;45855
 21; 5967.7; 07-DEC-2010 10:13:01; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;45855
 22; 6169.7; 07-DEC-2010 10:16:23; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45856
 23; 6494.8; 07-DEC-2010 10:21:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45856
 24; 6688.1; 07-DEC-2010 10:25:02; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;45856
 25; 6857.5; 07-DEC-2010 10:27:51; Dark ; 49.0; 2; Alp Car ; -0.74; 7000;occ; 98; 0;45856
 26; 6993.7; 07-DEC-2010 10:30:07; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;45856
 27; 7231.1; 07-DEC-2010 10:34:05; Dark ; 42.5; 108; Alp Col ; 2.65; 15200;occ; 85; 0;45856
 28; 7550.9; 07-DEC-2010 10:39:24; Dark ; 34.0; 101; 11Alp Lep ; 2.58; 7000;occ; 68; 0;45856

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1; 1536.9; 07-DEC-2010 10:39:24; Dark ; 48.0; 101; 11Alp Lep ; 2.58; 7000;occ; 96; 0;45856
 2; 1736.0; 07-DEC-2010 10:42:44; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;45856
 3; 1891.7; 07-DEC-2010 10:45:19; Dark ; 58.0; 30; 46Eps Ori ; 1.69; 30000;occ; 116; 0;45856
 4; 2043.3; 07-DEC-2010 10:47:51; Dark ; 55.5; 27; 24Gam Ori ; 1.64; 26000;occ; 111; 0;45856
 5; 2193.4; 07-DEC-2010 10:50:21; Dark ; 51.0; 13; 87Alp Tau ; 0.87; 3800;occ; 102; 0;45856
 6; 2305.8; 07-DEC-2010 10:52:13; Bright; 38.0; 146; 25Eta Tau ; 2.87; 15200;occ; 76; 0;45856
 7; 2441.6; 07-DEC-2010 10:54:29; Bright; 37.0; 150; 44Zet Per ; 2.89; 28000;occ; 74; 0;45856
 8; 2522.8; 07-DEC-2010 10:55:50; Bright; 43.0; 114; 3Iot Aur ; 2.69; 4600;occ; 86; 0;45856
 9; 2709.2; 07-DEC-2010 10:58:57; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45856
 10; 2861.1; 07-DEC-2010 11:01:29; Bright; 46.5; 42; 34Bet Aur ; 1.90; 10200;occ; 93; 0;45856
 11; 3766.2; 07-DEC-2010 11:16:34; Bright; 43.0; 36; 50Alp UMA ; 1.80; 6300;occ; 86; 0;45856
 12; 3858.3; 07-DEC-2010 11:18:06; Bright; 49.5; 82; 48Bet UMA ; 2.37; 10600;occ; 99; 0;45856
 13; 3983.9; 07-DEC-2010 11:20:11; Bright; 41.5; 32; 77Eps UMA ; 1.76; 11000;occ; 83; 0;45856
 14; 4120.4; 07-DEC-2010 11:22:28; Bright; 39.5; 39; 85Eta UMA ; 1.85; 24000;occ; 79; 0;45856
 15; 4330.4; 07-DEC-2010 11:25:58; Bright; 41.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 82; 0;45856
 16; 4673.3; 07-DEC-2010 11:31:41; Bright; 37.0; 111; 8Eta Boo ; 2.68; 6000;occ; 74; 0;45856
 17; 4875.1; 07-DEC-2010 11:35:03; Bright; 45.0; 138; 47Eps Vir ; 2.83; 4700;occ; 90; 0;45856
 18; 5155.8; 07-DEC-2010 11:39:43; Dark ; 47.5; 121; 29Gam Vir ; 2.74; 7200;occ; 95; 0;45856
 19; 5431.7; 07-DEC-2010 11:44:19; Dark ; 47.0; 169; 46Gam Hya ; 2.99; 4700;occ; 94; 0;45856

20; 5516.0; 07-DEC-2010 11:45:44; Dark ; 54.5; 100; 4Gam Crv ; 2.58; 13100;occ; 109; 0;45856
 21; 5612.2; 07-DEC-2010 11:47:20; Dark ; 54.0; 171; 2Eps Crv ; 3.00; 4250;occ; 108; 0;45856
 22; 5968.2; 07-DEC-2010 11:53:16; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;45856
 23; 6170.4; 07-DEC-2010 11:56:38; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;45857
 24; 6495.6; 07-DEC-2010 12:02:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45857
 25; 6688.9; 07-DEC-2010 12:05:16; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;45857
 26; 6857.9; 07-DEC-2010 12:08:05; Dark ; 48.5; 2; Alp Car ; -0.74; 7000;occ; 97; 0;45857
 27; 6994.4; 07-DEC-2010 12:10:22; Dark ; 60.0; 117; Pi Pup ; 2.71; 3800;occ; 120; 0;45857
 28; 7231.5; 07-DEC-2010 12:14:19; Dark ; 44.0; 108; Alp Col ; 2.65; 15200;occ; 88; 0;45857
 29; 7551.0; 07-DEC-2010 12:19:39; Dark ; 34.0; 101; 11Alp Lep ; 2.58; 7000;occ; 68; 0;45857

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20101207_121939_000057383097_00153_45857_2842.N1

1; 1537.0; 07-DEC-2010 12:19:39; Dark ; 45.5; 101; 11Alp Lep ; 2.58; 7000;occ; 91; 0;45857
 2; 1735.9; 07-DEC-2010 12:22:57; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;45857
 3; 1891.7; 07-DEC-2010 12:25:33; Dark ; 57.0; 30; 46Eps Ori ; 1.69; 30000;occ; 114; 0;45857
 4; 2043.0; 07-DEC-2010 12:28:04; Dark ; 54.5; 27; 24Gam Ori ; 1.64; 26000;occ; 109; 0;45857
 5; 2193.2; 07-DEC-2010 12:30:35; Dark ; 52.5; 13; 87Alp Tau ; 0.87; 3800;occ; 105; 0;45857
 6; 2305.9; 07-DEC-2010 12:32:27; Bright; 36.5; 146; 25Eta Tau ; 2.87; 15200;occ; 73; 0;45857
 7; 2441.5; 07-DEC-2010 12:34:43; Bright; 37.5; 150; 44Zet Per ; 2.89; 28000;occ; 75; 0;45857
 8; 2522.3; 07-DEC-2010 12:36:04; Bright; 42.5; 114; 3Iot Aur ; 2.69; 4600;occ; 85; 0;45857
 9; 2709.0; 07-DEC-2010 12:39:11; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45857
 10; 2860.5; 07-DEC-2010 12:41:42; Bright; 48.0; 42; 34Bet Aur ; 1.90; 10200;occ; 96; 0;45857
 11; 3765.8; 07-DEC-2010 12:56:47; Bright; 46.5; 36; 50Alp UMa ; 1.80; 6300;occ; 93; 0;45857
 12; 3857.9; 07-DEC-2010 12:58:19; Bright; 47.5; 82; 48Bet UMa ; 2.37; 10600;occ; 95; 0;45857
 13; 3984.0; 07-DEC-2010 13:00:25; Bright; 41.0; 32; 77Eps UMa ; 1.76; 11000;occ; 82; 0;45857
 14; 4120.3; 07-DEC-2010 13:02:42; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;45857
 15; 4330.6; 07-DEC-2010 13:06:12; Bright; 42.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 85; 0;45857
 16; 4673.6; 07-DEC-2010 13:11:55; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;45857
 17; 4875.5; 07-DEC-2010 13:15:17; Bright; 44.5; 138; 47Eps Vir ; 2.83; 4700;occ; 89; 0;45857
 18; 5156.7; 07-DEC-2010 13:19:58; Dark ; 51.5; 121; 29Gam Vir ; 2.74; 7200;occ; 103; 0;45857
 19; 5432.3; 07-DEC-2010 13:24:34; Dark ; 45.0; 169; 46Gam Hya ; 2.99; 4700;occ; 90; 0;45857
 20; 5517.0; 07-DEC-2010 13:25:58; Dark ; 50.0; 100; 4Gam Crv ; 2.58; 13100;occ; 100; 0;45857
 21; 5613.4; 07-DEC-2010 13:27:35; Dark ; 54.5; 171; 2Eps Crv ; 3.00; 4250;occ; 109; 0;45857
 22; 5968.9; 07-DEC-2010 13:33:30; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;45857
 23; 6171.3; 07-DEC-2010 13:36:53; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45858
 24; 6496.5; 07-DEC-2010 13:42:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45858
 25; 6689.7; 07-DEC-2010 13:45:31; Dark ; 51.5; 34; Gam2Vel ; 1.79; 23000;occ; 103; 0;45858
 26; 6858.3; 07-DEC-2010 13:48:20; Dark ; 48.5; 2; Alp Car ; -0.74; 7000;occ; 97; 0;45858
 27; 6995.0; 07-DEC-2010 13:50:36; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;45858
 28; 7231.8; 07-DEC-2010 13:54:33; Dark ; 44.0; 108; Alp Col ; 2.65; 15200;occ; 88; 0;45858

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20101207_135952_000057413097_00154_45858_2843.N1

1; 1537.0; 07-DEC-2010 13:59:52; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;45858
 2; 1736.0; 07-DEC-2010 14:03:11; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;45858
 3; 1891.4; 07-DEC-2010 14:05:47; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;45858
 4; 2042.8; 07-DEC-2010 14:08:18; Dark ; 56.5; 27; 24Gam Ori ; 1.64; 26000;occ; 113; 0;45858
 5; 2193.1; 07-DEC-2010 14:10:49; Dark ; 55.5; 13; 87Alp Tau ; 0.87; 3800;occ; 111; 0;45858
 6; 2305.7; 07-DEC-2010 14:12:41; Bright; 38.0; 146; 25Eta Tau ; 2.87; 15200;occ; 76; 0;45858
 7; 2441.4; 07-DEC-2010 14:14:57; Bright; 38.0; 150; 44Zet Per ; 2.89; 28000;occ; 76; 0;45858
 8; 2521.9; 07-DEC-2010 14:16:17; Bright; 43.0; 114; 3Iot Aur ; 2.69; 4600;occ; 86; 0;45858
 9; 2709.2; 07-DEC-2010 14:19:25; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45858
 10; 2859.6; 07-DEC-2010 14:21:55; Bright; 48.0; 42; 34Bet Aur ; 1.90; 10200;occ; 96; 0;45858
 11; 3765.5; 07-DEC-2010 14:37:01; Bright; 46.5; 36; 50Alp UMa ; 1.80; 6300;occ; 93; 0;45858
 12; 3857.4; 07-DEC-2010 14:38:33; Bright; 49.5; 82; 48Bet UMa ; 2.37; 10600;occ; 99; 0;45858
 13; 3983.8; 07-DEC-2010 14:40:39; Bright; 41.0; 32; 77Eps UMa ; 1.76; 11000;occ; 82; 0;45858
 14; 4120.4; 07-DEC-2010 14:42:56; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;45858
 15; 4330.6; 07-DEC-2010 14:46:26; Bright; 42.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 84; 0;45858
 16; 4673.9; 07-DEC-2010 14:52:09; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;45858
 17; 4876.0; 07-DEC-2010 14:55:31; Bright; 64.0; 138; 47Eps Vir ; 2.83; 4700;occ; 128; 0;45858
 18; 5157.5; 07-DEC-2010 15:00:13; Dark ; 53.5; 121; 29Gam Vir ; 2.74; 7200;occ; 107; 0;45858
 19; 5432.9; 07-DEC-2010 15:04:48; Dark ; 43.0; 169; 46Gam Hya ; 2.99; 4700;occ; 86; 0;45858
 20; 5518.1; 07-DEC-2010 15:06:14; Dark ; 54.5; 100; 4Gam Crv ; 2.58; 13100;occ; 109; 0;45858
 21; 5614.4; 07-DEC-2010 15:07:50; Dark ; 50.0; 171; 2Eps Crv ; 3.00; 4250;occ; 100; 0;45858
 22; 5969.5; 07-DEC-2010 15:13:45; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;45858
 23; 6172.2; 07-DEC-2010 15:17:08; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45859
 24; 6497.4; 07-DEC-2010 15:22:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45859
 25; 6690.5; 07-DEC-2010 15:25:46; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45859
 26; 6858.9; 07-DEC-2010 15:28:34; Dark ; 55.0; 2; Alp Car ; -0.74; 7000;occ; 110; 0;45859
 27; 6995.8; 07-DEC-2010 15:30:51; Dark ; 61.5; 117; Pi Pup ; 2.71; 3800;occ; 123; 0;45859
 28; 7232.1; 07-DEC-2010 15:34:48; Dark ; 46.5; 108; Alp Col ; 2.65; 15200;occ; 93; 0;45859

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| | | | | | | | | | | | | | | | | |
|-----|---------|-------------|-----------|---------|---|-------|------|--------|-----|---|--------|--------|------|------|----|-------|
| 1; | 1537.2; | 07-DEC-2010 | 15:40:07; | Dark | ; | 49.0; | 101; | 11Alp | Lep | ; | 2.58; | 7000; | occ; | 98; | 0; | 45859 |
| 2; | 1735.8; | 07-DEC-2010 | 15:43:25; | Dark | ; | 53.5; | 7; | 19Bet | Ori | ; | 0.10; | 14000; | occ; | 107; | 0; | 45859 |
| 3; | 1891.2; | 07-DEC-2010 | 15:46:01; | Dark | ; | 55.5; | 30; | 46Eps | Ori | ; | 1.69; | 30000; | occ; | 111; | 0; | 45859 |
| 4; | 2042.4; | 07-DEC-2010 | 15:48:32; | Dark | ; | 55.5; | 27; | 24Gam | Ori | ; | 1.64; | 26000; | occ; | 111; | 0; | 45859 |
| 5; | 2192.9; | 07-DEC-2010 | 15:51:02; | Dark | ; | 58.0; | 13; | 87Alp | Tau | ; | 0.87; | 3800; | occ; | 116; | 0; | 45859 |
| 6; | 2305.6; | 07-DEC-2010 | 15:52:55; | Bright; | | 37.5; | 146; | 25Eta | Tau | ; | 2.87; | 15200; | occ; | 75; | 0; | 45859 |
| 7; | 2441.0; | 07-DEC-2010 | 15:55:11; | Bright; | | 38.0; | 150; | 44Zet | Per | ; | 2.89; | 28000; | occ; | 76; | 0; | 45859 |
| 8; | 2521.4; | 07-DEC-2010 | 15:56:31; | Bright; | | 43.5; | 114; | 3Iot | Aur | ; | 2.69; | 4600; | occ; | 87; | 0; | 45859 |
| 9; | 2708.8; | 07-DEC-2010 | 15:59:38; | Bright; | | 36.5; | 175; | 39Del | Per | ; | 3.01; | 19400; | occ; | 73; | 0; | 45859 |
| 10; | 2858.9; | 07-DEC-2010 | 16:02:08; | Bright; | | 49.0; | 42; | 34Bet | Aur | ; | 1.90; | 10200; | occ; | 98; | 0; | 45859 |
| 11; | 3765.0; | 07-DEC-2010 | 16:17:15; | Bright; | | 66.0; | 36; | 50Alp | UMa | ; | 1.80; | 6300; | occ; | 132; | 0; | 45859 |
| 12; | 3857.0; | 07-DEC-2010 | 16:18:46; | Bright; | | 49.5; | 82; | 48Bet | UMa | ; | 2.37; | 10600; | occ; | 99; | 0; | 45859 |
| 13; | 3983.6; | 07-DEC-2010 | 16:20:53; | Bright; | | 41.5; | 32; | 77Eps | UMa | ; | 1.76; | 11000; | occ; | 83; | 0; | 45859 |
| 14; | 4120.4; | 07-DEC-2010 | 16:23:10; | Bright; | | 39.5; | 39; | 85Eta | UMa | ; | 1.85; | 24000; | occ; | 79; | 0; | 45859 |
| 15; | 4330.7; | 07-DEC-2010 | 16:26:40; | Bright; | | 40.5; | 152; | 12Alp2 | CVn | ; | 2.89; | 11000; | occ; | 81; | 0; | 45859 |
| 16; | 4674.2; | 07-DEC-2010 | 16:32:24; | Bright; | | 56.0; | 111; | 8Eta | Boo | ; | 2.68; | 6000; | occ; | 112; | 0; | 45859 |
| 17; | 4876.5; | 07-DEC-2010 | 16:35:46; | Bright; | | 43.0; | 138; | 47Eps | Vir | ; | 2.83; | 4700; | occ; | 86; | 0; | 45859 |
| 18; | 5158.1; | 07-DEC-2010 | 16:40:28; | Dark | ; | 53.0; | 121; | 29Gam | Vir | ; | 2.74; | 7200; | occ; | 106; | 0; | 45859 |
| 19; | 5433.5; | 07-DEC-2010 | 16:45:03; | Dark | ; | 43.0; | 169; | 46Gam | Hya | ; | 2.99; | 4700; | occ; | 86; | 0; | 45859 |
| 20; | 5519.1; | 07-DEC-2010 | 16:46:29; | Dark | ; | 50.0; | 100; | 4Gam | Crv | ; | 2.58; | 13100; | occ; | 100; | 0; | 45859 |
| 21; | 5615.4; | 07-DEC-2010 | 16:48:05; | Dark | ; | 52.5; | 171; | 2Eps | Crv | ; | 3.00; | 4250; | occ; | 105; | 0; | 45859 |
| 22; | 5970.1; | 07-DEC-2010 | 16:54:00; | Dark | ; | 41.0; | 99; | Del | Cen | ; | 2.58; | 26000; | occ; | 82; | 0; | 45859 |
| 23; | 6173.1; | 07-DEC-2010 | 16:57:23; | Dark | ; | 44.5; | 113; | Mu | Vel | ; | 2.69; | 5000; | occ; | 89; | 0; | 45860 |
| 24; | 6498.3; | 07-DEC-2010 | 17:02:48; | Dark | ; | 59.5; | 0; | | | ; | 0.00; | 0; | occ; | 119; | 0; | 45860 |
| 25; | 6691.5; | 07-DEC-2010 | 17:06:01; | Dark | ; | 48.5; | 34; | Gam2 | Vel | ; | 1.79; | 23000; | occ; | 97; | 0; | 45860 |
| 26; | 6859.4; | 07-DEC-2010 | 17:08:49; | Dark | ; | 49.0; | 2; | Alp | Car | ; | -0.74; | 7000; | occ; | 98; | 0; | 45860 |
| 27; | 6996.5; | 07-DEC-2010 | 17:11:06; | Dark | ; | 56.0; | 117; | Pi | Pup | ; | 2.71; | 3800; | occ; | 112; | 0; | 45860 |

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20101207_171144_000059773097_00156_45860_2845.N1

| | | | | | | | | | | | | | | | | |
|-----|---------|-------------|-----------|---------|---|-------|------|--------|-----|---|--------|--------|------|------|-----|-------|
| 1; | 1019.9; | 07-DEC-2010 | 17:11:44; | Dark | ; | 56.5; | 117; | Pi | Pup | ; | 2.71; | 3800; | occ; | 113; | 75; | 45860 |
| 2; | 1218.4; | 07-DEC-2010 | 17:15:02; | Dark | ; | 45.0; | 108; | Alp | Col | ; | 2.65; | 15200; | occ; | 90; | 0; | 45860 |
| 3; | 1537.3; | 07-DEC-2010 | 17:20:21; | Dark | ; | 50.5; | 101; | 11Alp | Lep | ; | 2.58; | 7000; | occ; | 101; | 0; | 45860 |
| 4; | 1735.9; | 07-DEC-2010 | 17:23:39; | Dark | ; | 55.0; | 7; | 19Bet | Ori | ; | 0.10; | 14000; | occ; | 110; | 0; | 45860 |
| 5; | 1891.1; | 07-DEC-2010 | 17:26:15; | Dark | ; | 55.5; | 30; | 46Eps | Ori | ; | 1.69; | 30000; | occ; | 111; | 0; | 45860 |
| 6; | 2042.2; | 07-DEC-2010 | 17:28:46; | Dark | ; | 55.0; | 27; | 24Gam | Ori | ; | 1.64; | 26000; | occ; | 110; | 0; | 45860 |
| 7; | 2192.5; | 07-DEC-2010 | 17:31:16; | Dark | ; | 58.0; | 13; | 87Alp | Tau | ; | 0.87; | 3800; | occ; | 116; | 0; | 45860 |
| 8; | 2305.4; | 07-DEC-2010 | 17:33:09; | Bright; | | 38.0; | 146; | 25Eta | Tau | ; | 2.87; | 15200; | occ; | 76; | 0; | 45860 |
| 9; | 2440.9; | 07-DEC-2010 | 17:35:24; | Bright; | | 37.5; | 150; | 44Zet | Per | ; | 2.89; | 28000; | occ; | 75; | 0; | 45860 |
| 10; | 2520.9; | 07-DEC-2010 | 17:36:44; | Bright; | | 43.0; | 114; | 3Iot | Aur | ; | 2.69; | 4600; | occ; | 86; | 0; | 45860 |
| 11; | 2708.7; | 07-DEC-2010 | 17:39:52; | Bright; | | 35.5; | 175; | 39Del | Per | ; | 3.01; | 19400; | occ; | 71; | 0; | 45860 |
| 12; | 2857.9; | 07-DEC-2010 | 17:42:21; | Bright; | | 47.5; | 42; | 34Bet | Aur | ; | 1.90; | 10200; | occ; | 95; | 0; | 45860 |
| 13; | 3764.6; | 07-DEC-2010 | 17:57:28; | Bright; | | 45.0; | 36; | 50Alp | UMa | ; | 1.80; | 6300; | occ; | 90; | 0; | 45860 |
| 14; | 3856.5; | 07-DEC-2010 | 17:59:00; | Bright; | | 48.0; | 82; | 48Bet | UMa | ; | 2.37; | 10600; | occ; | 96; | 0; | 45860 |
| 15; | 3983.4; | 07-DEC-2010 | 18:01:07; | Bright; | | 42.5; | 32; | 77Eps | UMa | ; | 1.76; | 11000; | occ; | 85; | 0; | 45860 |
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| 17; | 4330.9; | 07-DEC-2010 | 18:06:55; | Bright; | | 40.5; | 152; | 12Alp2 | CVn | ; | 2.89; | 11000; | occ; | 81; | 0; | 45860 |
| 18; | 4674.4; | 07-DEC-2010 | 18:12:38; | Bright; | | 37.5; | 111; | 8Eta | Boo | ; | 2.68; | 6000; | occ; | 75; | 0; | 45860 |
| 19; | 4876.9; | 07-DEC-2010 | 18:16:01; | Bright; | | 45.5; | 138; | 47Eps | Vir | ; | 2.83; | 4700; | occ; | 91; | 0; | 45860 |
| 20; | 5159.0; | 07-DEC-2010 | 18:20:43; | Dark | ; | 51.5; | 121; | 29Gam | Vir | ; | 2.74; | 7200; | occ; | 103; | 0; | 45860 |
| 21; | 5434.0; | 07-DEC-2010 | 18:25:18; | Dark | ; | 43.5; | 169; | 46Gam | Hya | ; | 2.99; | 4700; | occ; | 87; | 0; | 45860 |
| 22; | 5520.1; | 07-DEC-2010 | 18:26:44; | Dark | ; | 49.0; | 100; | 4Gam | Crv | ; | 2.58; | 13100; | occ; | 98; | 0; | 45860 |
| 23; | 5616.4; | 07-DEC-2010 | 18:28:20; | Dark | ; | 53.5; | 171; | 2Eps | Crv | ; | 3.00; | 4250; | occ; | 107; | 0; | 45860 |
| 24; | 5970.6; | 07-DEC-2010 | 18:34:14; | Dark | ; | 40.5; | 99; | Del | Cen | ; | 2.58; | 26000; | occ; | 81; | 0; | 45860 |
| 25; | 6173.8; | 07-DEC-2010 | 18:37:37; | Dark | ; | 44.5; | 113; | Mu | Vel | ; | 2.69; | 5000; | occ; | 89; | 0; | 45861 |
| 26; | 6499.0; | 07-DEC-2010 | 18:43:03; | Dark | ; | 59.5; | 0; | | | ; | 0.00; | 0; | occ; | 119; | 0; | 45861 |
| 27; | 6692.2; | 07-DEC-2010 | 18:46:16; | Dark | ; | 48.5; | 34; | Gam2 | Vel | ; | 1.79; | 23000; | occ; | 97; | 0; | 45861 |
| 28; | 6859.9; | 07-DEC-2010 | 18:49:03; | Dark | ; | 49.0; | 2; | Alp | Car | ; | -0.74; | 7000; | occ; | 98; | 0; | 45861 |
| 29; | 6997.1; | 07-DEC-2010 | 18:51:21; | Dark | ; | 0.5; | 117; | Pi | Pup | ; | 2.71; | 3800; | occ; | 1; | 0; | 45861 |

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| 1; | 983.0; | 07-DEC-2010 | 18:51:21; | Dark | ; | 57.0; | 117; | Pi | Pup | ; | 2.71; | 3800; | occ; | 114; | 0; | 45861 |
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| 4; | 1735.8; | 07-DEC-2010 | 19:03:54; | Dark | ; | 54.0; | 7; | 19Bet | Ori | ; | 0.10; | 14000; | occ; | 108; | 0; | 45861 |
| 5; | 1890.7; | 07-DEC-2010 | 19:06:28; | Dark | ; | 52.0; | 30; | 46Eps | Ori | ; | 1.69; | 30000; | occ; | 104; | 0; | 45861 |
| 6; | 2041.8; | 07-DEC-2010 | 19:09:00; | Dark | ; | 53.0; | 27; | 24Gam | Ori | ; | 1.64; | 26000; | occ; | 106; | 0; | 45861 |
| 7; | 2192.4; | 07-DEC-2010 | 19:11:30; | Dark | ; | 58.0; | 13; | 87Alp | Tau | ; | 0.87; | 3800; | occ; | 116; | 0; | 45861 |
| 8; | 2305.4; | 07-DEC-2010 | 19:13:23; | Bright; | | 37.5; | 146; | 25Eta | Tau | ; | 2.87; | 15200; | occ; | 75; | 0; | 45861 |
| 9; | 2440.9; | 07-DEC-2010 | 19:15:39; | Bright; | | 38.0; | 150; | 44Zet | Per | ; | 2.89; | 28000; | occ; | 76; | 0; | 45861 |


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11; 2708.8; 07-DEC-2010 19:20:07; Bright; 36.0; 175; 39Del Per ; 3.01; 19400;occ; 72; 0;45861
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23; 5617.4; 07-DEC-2010 20:08:35; Dark ; 55.0; 171; 2Eps Crv ; 3.00; 4250;occ; 110; 0;45861
24; 5971.2; 07-DEC-2010 20:14:29; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;45861
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27; 6692.8; 07-DEC-2010 20:26:31; Dark ; 54.0; 34; Gam2Vel ; 1.79; 23000;occ; 108; 0;45862
28; 6860.2; 07-DEC-2010 20:29:18; Dark ; 47.5; 2; Alp Car ; -0.74; 7000;occ; 95; 0;45862
29; 6998.0; 07-DEC-2010 20:31:36; Dark ; 37.5; 117; Pi Pup ; 2.71; 3800;occ; 75; 0;45862
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13; 190.4; 10-DEC-2010 06:46:33; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45897
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14; 4701.1; 14-DEC-2010 13:55:59; Bright; 41.0; 111; 8Eta Boo ; 2.68; 6000;occ; 82; 0;45958

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 13; 4510.0; 16-DEC-2010 09:18:53; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;45984
 14; 4709.0; 16-DEC-2010 09:22:12; Bright; 40.5; 111; 8Eta Boo ; 2.68; 6000;occ; 81; 0;45984
 15; 4947.3; 16-DEC-2010 09:26:10; Bright; 51.0; 138; 47Eps Vir ; 2.83; 4700;occ; 102; 0;45984
 16; 5305.3; 16-DEC-2010 09:32:08; Dark ; 52.0; 15; 67Alp Vir ; 0.98; 28000;occ; 104; 0;45984
 17; 5514.8; 16-DEC-2010 09:35:38; Dark ; 49.0; 169; 46Gam Hya ; 2.99; 4700;occ; 98; 0;45984
 18; 5665.3; 16-DEC-2010 09:38:08; Dark ; 54.0; 106; 9Bet Crv ; 2.65; 5600;occ; 108; 0;45984
 19; 5761.4; 16-DEC-2010 09:39:44; Dark ; 57.5; 171; 2Eps Crv ; 3.00; 4250;occ; 115; 0;45984
 20; 5953.1; 16-DEC-2010 09:42:56; Dark ; 42.5; 64; Gam Cen ; 2.20; 10600;occ; 85; 0;45984
 21; 6051.0; 16-DEC-2010 09:44:34; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;45985
 22; 6281.6; 16-DEC-2010 09:48:24; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45985
 23; 6507.0; 16-DEC-2010 09:52:10; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;45985
 24; 6595.3; 16-DEC-2010 09:53:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45985
 25; 6786.1; 16-DEC-2010 09:56:49; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45985
 26; 6912.8; 16-DEC-2010 09:58:56; Dark ; 50.5; 70; Zet Pup ; 2.25; 39000;occ; 101; 0;45985
 27; 7075.1; 16-DEC-2010 10:01:38; Dark ; 50.0; 117; Pi Pup ; 2.71; 3800;occ; 100; 0;45985
 28; 7218.6; 16-DEC-2010 10:04:01; Dark ; 34.0; 88; 31Eta CMa ; 2.45; 20000;occ; 68; 0;45985
 29; 7310.0; 16-DEC-2010 10:05:33; Dark ; 53.0; 37; 25Del CMa ; 1.83; 5900;occ; 106; 0;45985
 30; 7540.3; 16-DEC-2010 10:09:23; Dark ; 51.0; 47; 2Bet CMa ; 1.98; 28000;occ; 102; 0;45985

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 2; 1738.2; 16-DEC-2010 10:12:55; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;45985
 3; 1871.7; 16-DEC-2010 10:15:09; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;45985

4; 2058.7; 16-DEC-2010 10:18:16; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;45985
5; 2176.7; 16-DEC-2010 10:20:14; Dark ; 52.0; 13; 87Alp Tau ; 0.87; 3800;occ; 104; 0;45985
6; 2308.0; 16-DEC-2010 10:22:25; Bright; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;45985
7; 2431.1; 16-DEC-2010 10:24:28; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;45985
8; 2645.2; 16-DEC-2010 10:28:02; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;45985
9; 2775.3; 16-DEC-2010 10:30:12; Bright; 42.5; 42; 34Bet Aur ; 1.90; 10200;occ; 85; 0;45985
10; 3685.8; 16-DEC-2010 10:45:23; Bright; 38.5; 60; 7Bet UMi ; 2.08; 3950;occ; 77; 0;45985
11; 3960.5; 16-DEC-2010 10:49:57; Bright; 43.5; 32; 77Eps UMa ; 1.76; 11000;occ; 87; 0;45985
12; 4116.3; 16-DEC-2010 10:52:33; Bright; 51.0; 39; 85Eta UMa ; 1.85; 24000;occ; 102; 0;45985
13; 4317.3; 16-DEC-2010 10:55:54; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;45985
14; 4510.2; 16-DEC-2010 10:59:07; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;45985
15; 4709.3; 16-DEC-2010 11:02:26; Bright; 42.0; 111; 8Eta Boo ; 2.68; 6000;occ; 84; 0;45985
16; 4947.8; 16-DEC-2010 11:06:25; Bright; 51.0; 138; 47Eps Vir ; 2.83; 4700;occ; 102; 0;45985
17; 5306.0; 16-DEC-2010 11:12:23; Dark ; 59.0; 15; 67Alp Vir ; 0.98; 28000;occ; 118; 0;45985
18; 5515.6; 16-DEC-2010 11:15:52; Dark ; 48.5; 169; 46Gam Hya ; 2.99; 4700;occ; 97; 0;45985
19; 5666.4; 16-DEC-2010 11:18:23; Dark ; 52.0; 106; 9Bet Crv ; 2.65; 5600;occ; 104; 0;45985
20; 5762.7; 16-DEC-2010 11:20:00; Dark ; 58.0; 171; 2Eps Crv ; 3.00; 4250;occ; 116; 0;45985
21; 5953.8; 16-DEC-2010 11:23:11; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;45985
22; 6051.7; 16-DEC-2010 11:24:49; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;45986
23; 6282.4; 16-DEC-2010 11:28:39; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45986
24; 6507.7; 16-DEC-2010 11:32:24; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;45986
25; 6596.0; 16-DEC-2010 11:33:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45986
26; 6786.7; 16-DEC-2010 11:37:04; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;45986
27; 6913.6; 16-DEC-2010 11:39:10; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;45986
28; 7075.6; 16-DEC-2010 11:41:52; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;45986
29; 7219.1; 16-DEC-2010 11:44:16; Dark ; 38.0; 88; 31Eta CMA ; 2.45; 20000;occ; 76; 0;45986
30; 7310.3; 16-DEC-2010 11:45:47; Dark ; 58.0; 37; 25Del CMA ; 1.83; 5900;occ; 116; 0;45986
31; 7540.4; 16-DEC-2010 11:49:37; Dark ; 16.0; 47; 2Bet CMA ; 1.98; 28000;occ; 32; 0;45986

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2; 1738.3; 16-DEC-2010 11:53:09; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;45986
3; 1871.7; 16-DEC-2010 11:55:23; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;45986
4; 2058.4; 16-DEC-2010 11:58:29; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;45986
5; 2176.6; 16-DEC-2010 12:00:27; Dark ; 49.5; 13; 87Alp Tau ; 0.87; 3800;occ; 99; 0;45986
6; 2307.7; 16-DEC-2010 12:02:39; Bright; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;45986
7; 2430.6; 16-DEC-2010 12:04:41; Bright; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;45986
8; 2644.5; 16-DEC-2010 12:08:15; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;45986
9; 2774.6; 16-DEC-2010 12:10:25; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;45986
10; 3685.8; 16-DEC-2010 12:25:37; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;45986
11; 3960.4; 16-DEC-2010 12:30:11; Bright; 43.5; 32; 77Eps UMa ; 1.76; 11000;occ; 87; 0;45986
12; 4116.2; 16-DEC-2010 12:32:47; Bright; 40.0; 39; 85Eta UMa ; 1.85; 24000;occ; 80; 0;45986
13; 4317.3; 16-DEC-2010 12:36:08; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;45986
14; 4510.3; 16-DEC-2010 12:39:21; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;45986
15; 4709.7; 16-DEC-2010 12:42:41; Bright; 39.5; 111; 8Eta Boo ; 2.68; 6000;occ; 79; 0;45986
16; 4948.4; 16-DEC-2010 12:46:39; Bright; 42.0; 138; 47Eps Vir ; 2.83; 4700;occ; 84; 0;45986
17; 5306.7; 16-DEC-2010 12:52:37; Dark ; 51.0; 15; 67Alp Vir ; 0.98; 28000;occ; 102; 0;45986
18; 5516.3; 16-DEC-2010 12:56:07; Dark ; 44.0; 169; 46Gam Hya ; 2.99; 4700;occ; 88; 0;45986
19; 5667.4; 16-DEC-2010 12:58:38; Dark ; 54.0; 106; 9Bet Crv ; 2.65; 5600;occ; 108; 0;45986
20; 5764.1; 16-DEC-2010 13:00:15; Dark ; 52.0; 171; 2Eps Crv ; 3.00; 4250;occ; 104; 0;45986
21; 5954.4; 16-DEC-2010 13:03:25; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;45986
22; 6052.3; 16-DEC-2010 13:05:03; Dark ; 42.5; 99; Del Cen ; 2.58; 26000;occ; 85; 0;45987
23; 6283.4; 16-DEC-2010 13:08:54; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;45987
24; 6508.3; 16-DEC-2010 13:12:39; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;45987
25; 6596.8; 16-DEC-2010 13:14:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45987
26; 6787.4; 16-DEC-2010 13:17:18; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;45987
27; 6914.4; 16-DEC-2010 13:19:25; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;45987
28; 7076.2; 16-DEC-2010 13:22:07; Dark ; 58.5; 117; Pi Pup ; 2.71; 3800;occ; 117; 0;45987
29; 7219.7; 16-DEC-2010 13:24:30; Dark ; 38.0; 88; 31Eta CMA ; 2.45; 20000;occ; 76; 0;45987
30; 7310.8; 16-DEC-2010 13:26:02; Dark ; 58.0; 37; 25Del CMA ; 1.83; 5900;occ; 116; 0;45987
31; 7540.6; 16-DEC-2010 13:29:51; Dark ; 31.0; 47; 2Bet CMA ; 1.98; 28000;occ; 62; 0;45987

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2; 1738.4; 16-DEC-2010 13:33:23; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;45987
3; 1871.7; 16-DEC-2010 13:35:36; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;45987
4; 2058.1; 16-DEC-2010 13:38:43; Dark ; 60.5; 14; 58Alp Ori ; 0.87; 3000;occ; 121; 0;45987
5; 2176.7; 16-DEC-2010 13:40:41; Dark ; 44.5; 13; 87Alp Tau ; 0.87; 3800;occ; 89; 0;45987
6; 2307.4; 16-DEC-2010 13:42:52; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;45987
7; 2430.3; 16-DEC-2010 13:44:55; Bright; 43.5; 28; 12Bet Tau ; 1.65; 15200;occ; 87; 0;45987

8; 2643.7; 16-DEC-2010 13:48:28; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;45987
9; 2773.9; 16-DEC-2010 13:50:39; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;45987
10; 3685.9; 16-DEC-2010 14:05:51; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;45987
11; 3960.2; 16-DEC-2010 14:10:25; Bright; 42.0; 32; 77Eps UMa ; 1.76; 11000;occ; 84; 0;45987
12; 4116.3; 16-DEC-2010 14:13:01; Bright; 40.5; 39; 85Eta UMa ; 1.85; 24000;occ; 81; 0;45987
13; 4317.7; 16-DEC-2010 14:16:22; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;45987
14; 4510.6; 16-DEC-2010 14:19:35; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;45987
15; 4709.9; 16-DEC-2010 14:22:55; Bright; 40.5; 111; 8Eta Boo ; 2.68; 6000;occ; 81; 0;45987
16; 4949.2; 16-DEC-2010 14:26:54; Bright; 42.0; 138; 47Eps Vir ; 2.83; 4700;occ; 84; 0;45987
17; 5307.5; 16-DEC-2010 14:32:52; Dark ; 55.5; 15; 67Alp Vir ; 0.98; 28000;occ; 111; 0;45987
18; 5517.2; 16-DEC-2010 14:36:22; Dark ; 50.0; 169; 46Gam Hya ; 2.99; 4700;occ; 100; 0;45987
19; 5668.5; 16-DEC-2010 14:38:53; Dark ; 54.0; 106; 9Bet Crv ; 2.65; 5600;occ; 108; 0;45987
20; 5765.4; 16-DEC-2010 14:40:30; Dark ; 52.0; 171; 2Eps Crv ; 3.00; 4250;occ; 104; 0;45987
21; 5955.2; 16-DEC-2010 14:43:40; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;45987
22; 6053.1; 16-DEC-2010 14:45:18; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;45988
23; 6284.3; 16-DEC-2010 14:49:09; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;45988
24; 6509.0; 16-DEC-2010 14:52:54; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;45988
25; 6597.6; 16-DEC-2010 14:54:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45988
26; 6788.2; 16-DEC-2010 14:57:33; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;45988
27; 6915.4; 16-DEC-2010 14:59:40; Dark ; 53.0; 70; Zet Pup ; 2.25; 39000;occ; 106; 0;45988
28; 7077.0; 16-DEC-2010 15:02:22; Dark ; 55.5; 117; Pi Pup ; 2.71; 3800;occ; 111; 0;45988
29; 7270.2; 16-DEC-2010 15:05:35; Dark ; 51.5; 23; 21Eps CMa ; 1.50; 26000;occ; 103; 0;45988
30; 7376.7; 16-DEC-2010 15:07:21; Dark ; 24.5; 179; 240mi2CMa ; 3.03; 24000;occ; 49; 0;45988

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2; 1738.5; 16-DEC-2010 15:13:37; Dark ; 47.5; 7; 19Bet Ori ; 0.10; 14000;occ; 95; 0;45988
3; 1871.8; 16-DEC-2010 15:15:51; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;45988
4; 2057.8; 16-DEC-2010 15:18:57; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;45988
5; 2176.7; 16-DEC-2010 15:20:55; Dark ; 45.5; 13; 87Alp Tau ; 0.87; 3800;occ; 91; 0;45988
6; 2307.2; 16-DEC-2010 15:23:06; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;45988
7; 2430.1; 16-DEC-2010 15:25:09; Bright; 40.5; 28; 12Bet Tau ; 1.65; 15200;occ; 81; 0;45988
8; 2643.2; 16-DEC-2010 15:28:42; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;45988
9; 2773.4; 16-DEC-2010 15:30:52; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;45988
10; 3685.8; 16-DEC-2010 15:46:05; Bright; 37.0; 60; 7Bet UMi ; 2.08; 3950;occ; 74; 0;45988
11; 3960.0; 16-DEC-2010 15:50:39; Bright; 44.5; 32; 77Eps UMa ; 1.76; 11000;occ; 89; 0;45988
12; 4116.2; 16-DEC-2010 15:53:15; Bright; 41.5; 39; 85Eta UMa ; 1.85; 24000;occ; 83; 0;45988
13; 4317.9; 16-DEC-2010 15:56:37; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;45988
14; 4510.7; 16-DEC-2010 15:59:50; Bright; 35.0; 83; ; 2.38; 11000;occ; 70; 0;45988
15; 4710.3; 16-DEC-2010 16:03:09; Bright; 61.0; 111; 8Eta Boo ; 2.68; 6000;occ; 122; 0;45988
16; 4950.1; 16-DEC-2010 16:07:09; Bright; 33.0; 138; 47Eps Vir ; 2.83; 4700;occ; 66; 0;45988
17; 5308.3; 16-DEC-2010 16:13:07; Dark ; 55.0; 15; 67Alp Vir ; 0.98; 28000;occ; 110; 0;45988
18; 5518.0; 16-DEC-2010 16:16:37; Dark ; 48.5; 169; 46Gam Hya ; 2.99; 4700;occ; 97; 0;45988
19; 5669.8; 16-DEC-2010 16:19:09; Dark ; 53.5; 106; 9Bet Crv ; 2.65; 5600;occ; 107; 0;45988
20; 5766.9; 16-DEC-2010 16:20:46; Dark ; 46.0; 171; 2Eps Crv ; 3.00; 4250;occ; 92; 0;45988
21; 5955.9; 16-DEC-2010 16:23:55; Dark ; 46.5; 64; Gam Cen ; 2.20; 10600;occ; 93; 0;45988
22; 6053.9; 16-DEC-2010 16:25:33; Dark ; 42.5; 99; Del Cen ; 2.58; 26000;occ; 85; 0;45989
23; 6285.4; 16-DEC-2010 16:29:24; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;45989
24; 6509.7; 16-DEC-2010 16:33:08; Dark ; 43.5; 71; Iot Car ; 2.25; 7700;occ; 87; 0;45989
25; 6598.5; 16-DEC-2010 16:34:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45989
26; 6789.0; 16-DEC-2010 16:37:48; Dark ; 52.0; 34; Gam2Vel ; 1.79; 23000;occ; 104; 0;45989
27; 6916.1; 16-DEC-2010 16:39:55; Dark ; 50.5; 70; Zet Pup ; 2.25; 39000;occ; 101; 0;45989
28; 7077.6; 16-DEC-2010 16:42:36; Dark ; 61.5; 117; Pi Pup ; 2.71; 3800;occ; 123; 0;45989
29; 7270.7; 16-DEC-2010 16:45:49; Dark ; 6.5; 23; 21Eps CMa ; 1.50; 26000;occ; 13; 0;45989

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2; 1362.9; 16-DEC-2010 16:47:36; Dark ; 25.0; 179; 240mi2CMa ; 3.03; 24000;occ; 50; 0;45989
3; 1526.8; 16-DEC-2010 16:50:20; Dark ; 52.5; 47; 2Bet CMa ; 1.98; 28000;occ; 105; 0;45989
4; 1738.4; 16-DEC-2010 16:53:51; Dark ; 50.0; 7; 19Bet Ori ; 0.10; 14000;occ; 100; 0;45989
5; 1871.4; 16-DEC-2010 16:56:04; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;45989
6; 2057.5; 16-DEC-2010 16:59:10; Dark ; 67.0; 14; 58Alp Ori ; 0.87; 3000;occ; 134; 0;45989
7; 2176.5; 16-DEC-2010 17:01:09; Dark ; 51.5; 13; 87Alp Tau ; 0.87; 3800;occ; 103; 0;45989
8; 2306.5; 16-DEC-2010 17:03:19; Bright; 47.0; 176; 23Zet Tau ; 3.02; 22000;occ; 94; 0;45989
9; 2429.4; 16-DEC-2010 17:05:22; Bright; 43.5; 28; 12Bet Tau ; 1.65; 15200;occ; 87; 0;45989
10; 2642.4; 16-DEC-2010 17:08:55; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;45989
11; 2772.8; 16-DEC-2010 17:11:06; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;45989
12; 3685.7; 16-DEC-2010 17:26:19; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;45989
13; 3959.8; 16-DEC-2010 17:30:53; Bright; 41.0; 32; 77Eps UMa ; 1.76; 11000;occ; 82; 0;45989
14; 4116.0; 16-DEC-2010 17:33:29; Bright; 42.0; 39; 85Eta UMa ; 1.85; 24000;occ; 84; 0;45989

15; 4317.9; 16-DEC-2010 17:36:51; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;45989
 16; 4510.9; 16-DEC-2010 17:40:04; Bright; 36.0; 83; ; 2.38; 11000;occ; 72; 0;45989
 17; 4710.6; 16-DEC-2010 17:43:24; Bright; 40.0; 111; 8Eta Boo ; 2.68; 6000;occ; 80; 0;45989
 18; 4950.7; 16-DEC-2010 17:47:24; Bright; 33.0; 138; 47Eps Vir ; 2.83; 4700;occ; 66; 0;45989
 19; 5309.0; 16-DEC-2010 17:53:22; Dark ; 51.5; 15; 67Alp Vir ; 0.98; 28000;occ; 103; 0;45989
 20; 5518.7; 16-DEC-2010 17:56:52; Dark ; 46.5; 169; 46Gam Hya ; 2.99; 4700;occ; 93; 0;45989
 21; 5670.8; 16-DEC-2010 17:59:24; Dark ; 56.5; 106; 9Bet Crv ; 2.65; 5600;occ; 113; 0;45989
 22; 5768.1; 16-DEC-2010 18:01:01; Dark ; 46.0; 171; 2Eps Crv ; 3.00; 4250;occ; 92; 0;45989
 23; 5956.4; 16-DEC-2010 18:04:09; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 0;45989
 24; 6054.5; 16-DEC-2010 18:05:47; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;45990
 25; 6286.2; 16-DEC-2010 18:09:39; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45990
 26; 6510.2; 16-DEC-2010 18:13:23; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;45990
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 26; 7406.2; 23-DEC-2010 10:50:46; Dark ; 47.0; 179; 240mi2CMa ; 3.03; 24000;occ; 94; 0;46086
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 7; 1866.7; 27-DEC-2010 20:13:24; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;46149
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 17; 4328.6; 27-DEC-2010 20:54:26; Bright; 60.0; 180; 27Gam Boo ; 3.04; 8000;occ; 120; 0;46149
 18; 4539.8; 27-DEC-2010 20:57:57; Bright; 59.0; 83; ; 2.38; 11000;occ; 118; 0;46149
 19; 4771.3; 27-DEC-2010 21:01:48; Bright; 71.5; 111; 8Eta Boo ; 2.68; 6000;occ; 143; 0;46149

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 28; 4540.1; 27-DEC-2010 22:38:11; Bright; 59.0; 83; ; 2.38; 11000;occ; 118; 0;46150
 29; 4771.7; 27-DEC-2010 22:42:03; Bright; 71.5; 111; 8Eta Boo ; 2.68; 6000;occ; 143; 0;46150

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 23; 3611.9; 28-DEC-2010 00:02:57; Bright; 44.0; 36; 50Alp UMa ; 1.80; 6300;occ; 88; 0;46151
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27; 7325.5; 27-DEC-2010 10:02:45; Dark ; 48.0; 23; 21Eps CMa ; 1.50; 26000;occ; 96; 0;46143
28; 7421.2; 27-DEC-2010 10:04:20; Dark ; 47.5; 179; 240mi2CMa ; 3.03; 24000;occ; 95; 0;46143
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23; 6886.8; 27-DEC-2010 11:35:40; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;46144
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26; 7325.8; 27-DEC-2010 11:42:59; Dark ; 47.0; 23; 21Eps CMa ; 1.50; 26000;occ; 94; 0;46144
27; 7421.5; 27-DEC-2010 11:44:34; Dark ; 46.5; 179; 240mi2CMa ; 3.03; 24000;occ; 93; 0;46144
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