

GOMOS Daily Report 31-DEC-2009

Level 0 and Level 1 products

SUMMARY

[1. General Info](#)

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

[2.1 Level 0: products arrived in PCF during current month \(see template here\)](#)

[2.2 Level 0: plot of mission plan versus production during reporting period](#)

[2.3 Level 0: summary of missing occultations with respect to the plan](#)

[2.4 Level 1: products arrived in PCF during reporting period](#)

[3. Plot of Spectrometers and Photometers temperatures](#)

[4. Dark Charge monitoring](#)

[4.1 Products that did not use the Dark Sky Area observation for DC computation](#)

[4.2 Plot of Dark Charge](#)

[5. Demodulation correction and quality product information monitoring](#)

[5.1 Percentage of products with some flags set](#)

[5.2 Plot of quality information per product \(time dependant\)](#)

[5.3 Plot of quality information per product \(world map\)](#)

[6. Star tangent altitude lost](#)

[6.1 Statistics on star tangent altitude lost](#)

[6.2 Plot of star tangent altitude lost: DARK products](#)

[6.3 Plot of star tangent altitude lost: BRIGHT products](#)

[6.3 Plot of star tangent altitude lost: TWILIGHT products](#)

[7. Star Acquisition and Tracking Unit \(SATU\)](#)

[7.1 SATU plots \(dark limb\): 'X' and 'Y' axis](#)

[7.2 SATU Noise Equivalent Angle statistics](#)

[7.2.1 SATU NEA Statistics \(table\)](#)

[7.2.2 Daily SATU NEA STD \(dark limb\) - trend since 1st April 2006](#)

[8. Auxiliary Data Files used for the production reported in section 2.4](#)

[Level 2 products](#)

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	02JAN2010 04:42:21
Data source version	GOMOS/5.00L04
Start time of products	31DEC2009 00:01:54
Stop time of products	31DEC2009 23:57:56
Store outputs in DB	Yes
Nb of level 1b prods	156
Nb of prods with errors	2

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

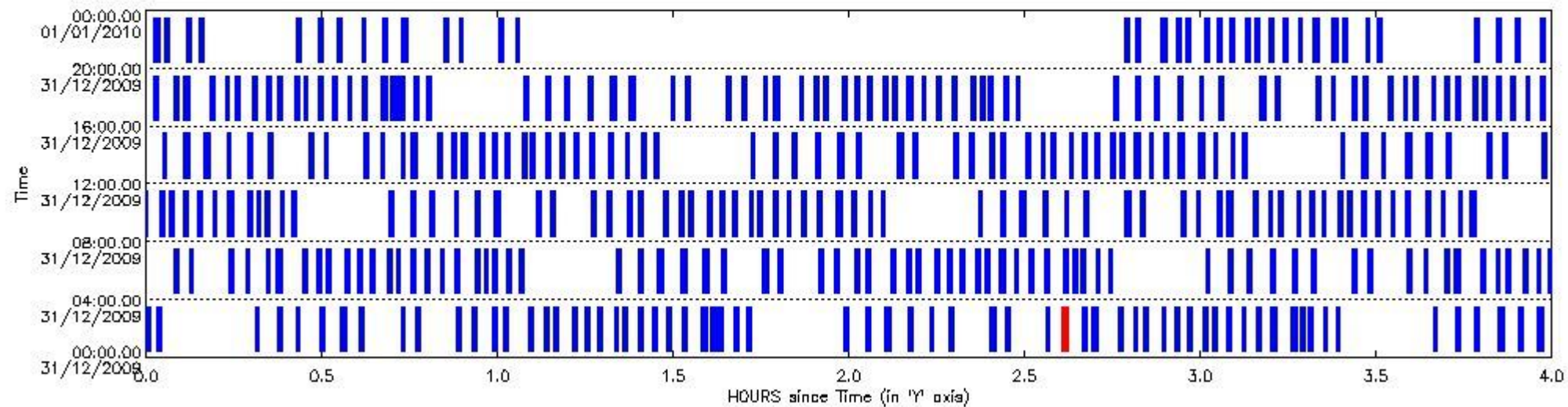
2.1 Level 0 products arrived in PCF (see template [here](#))

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
31-DEC-2009 02:36:26	ZetCen	95	40967

2.4 Summary of processed GOM_TRA_1P products

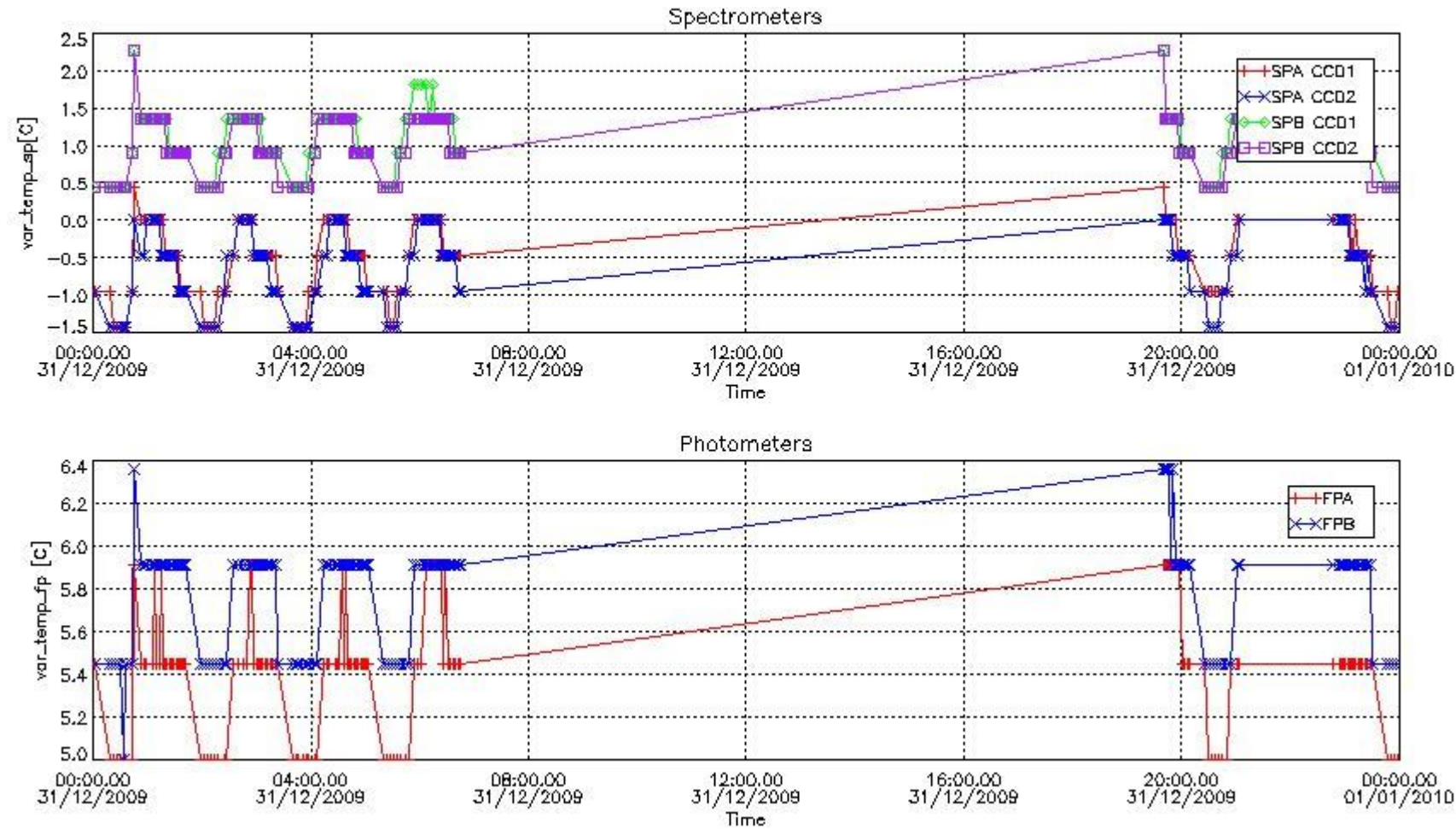
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20091231_000154_000000392085_00331_40966_1659.N1	31-DEC-2009 00:01:54	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	40966	No
2	GOM_TRA_1PNPDE20091231_001832_000000352085_00331_40966_1660.N1	31-DEC-2009 00:18:32	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	40966	No
3	GOM_TRA_1PNPDE20091231_002217_000000482085_00331_40966_1661.N1	31-DEC-2009 00:22:17	Bright	48.000	32	77Eps UMa	1.7630	11000.	96	40966	No
4	GOM_TRA_1PNPDE20091231_002531_000000432085_00331_40966_1662.N1	31-DEC-2009 00:25:31	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	40966	No
5	GOM_TRA_1PNPDE20091231_002932_000000612085_00331_40966_1663.N1	31-DEC-2009 00:29:32	Bright	61.000	180	27Gam Boo	3.0400	8000.0	122	40966	No
6	GOM_TRA_1PNPDE20091231_003311_000000612085_00331_40966_1664.N1	31-DEC-2009 00:33:11	Bright	61.000	83		2.3780	11000.	122	40966	No
7	GOM_TRA_1PNPDE20091231_003624_000000492085_00331_40966_1665.N1	31-DEC-2009 00:36:24	Bright	48.500	3	16Alp Boo	-0.050000	4250.0	97	40966	No
8	GOM_TRA_1PNPDE20091231_004328_000000372085_00331_40966_1666.N1	31-DEC-2009 00:43:28	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	40966	No
9	GOM_TRA_1PNPDE20091231_004605_000000442085_00331_40966_1667.N1	31-DEC-2009 00:46:05	Tw_i_and_stray	43.500	122	9Alp2Lib	2.7470	9700.0	87	40966	Yes
10	GOM_TRA_1PNPDE20091231_005256_000000462085_00331_40966_1668.N1	31-DEC-2009 00:52:56	Dark	46.000	54	5The Cen	2.0550	4500.0	92	40966	No

11	GOM_TRA_1PNPDE20091231_005544_000000432085_00331_40966_1669.N1	31-DEC-2009 00:55:44	Dark	42.500	95	Zet Cen	2.5450	26000.	85	40966	No
12	GOM_TRA_1PNPDE20091231_005910_000000442085_00332_40967_1670.N1	31-DEC-2009 00:59:10	Dark	43.500	64	Gam Cen	2.2000	10600.	87	40967	No
13	GOM_TRA_1PNPDE20091231_010519_000000482085_00332_40967_1671.N1	31-DEC-2009 01:05:19	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	40967	No
14	GOM_TRA_1PNPDE20091231_010758_000000472085_00332_40967_1672.N1	31-DEC-2009 01:07:58	Dark	47.000	71	lot Car	2.2460	7700.0	94	40967	No
15	GOM_TRA_1PNPDE20091231_010935_000000512085_00332_40967_1673.N1	31-DEC-2009 01:09:35	Dark	51.000	41	Eps Car	1.8600	4100.0	102	40967	No
16	GOM_TRA_1PNPDE20091231_011244_000000472085_00332_40967_1674.N1	31-DEC-2009 01:12:44	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40967	No
17	GOM_TRA_1PNPDE20091231_011456_000000452085_00332_40967_1675.N1	31-DEC-2009 01:14:56	Dark	45.000	70	Zet Pup	2.2460	39000.	90	40967	No
18	GOM_TRA_1PNPDE20091231_011703_000000462085_00332_40967_1676.N1	31-DEC-2009 01:17:03	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	40967	No
19	GOM_TRA_1PNPDE20091231_011952_000000462085_00332_40967_1677.N1	31-DEC-2009 01:19:52	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	40967	No
20	GOM_TRA_1PNPDE20091231_012126_000000442085_00332_40967_1678.N1	31-DEC-2009 01:21:26	Straylight	44.000	179	24Omi2CMa	3.0320	24000.	88	40967	No
21	GOM_TRA_1PNPDE20091231_012355_000000492085_00332_40967_1679.N1	31-DEC-2009 01:23:55	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	40967	No
22	GOM_TRA_1PNPDE20091231_012625_000000422085_00332_40967_1680.N1	31-DEC-2009 01:26:25	Straylight	41.500	56	53Kap Ori	2.0650	30000.	83	40967	No
23	GOM_TRA_1PNPDE20091231_012856_000000432085_00332_40967_1681.N1	31-DEC-2009 01:28:56	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	40967	No
24	GOM_TRA_1PNPDE20091231_013129_000000482085_00332_40967_1682.N1	31-DEC-2009 01:31:29	Tw_i_and_stray	48.000	14	58Alp Ori	0.87000	3000.0	96	40967	No
25	GOM_TRA_1PNPDE20091231_013450_000000532085_00332_40967_1683.N1	31-DEC-2009 01:34:50	Bright	52.500	44	24Gam Gem	1.9280	11000.	105	40967	No
26	GOM_TRA_1PNPDE20091231_013627_000000512085_00332_40967_1684.N1	31-DEC-2009 01:36:27	Bright	50.500	151	13Mu Gem	2.8900	3000.0	101	40967	No
27	GOM_TRA_1PNPDE20091231_013748_000000462085_00332_40967_1685.N1	31-DEC-2009 01:37:48	Bright	45.500	170	27Eps Gem	3.0000	9700.0	91	40967	No
28	GOM_TRA_1PNPDE20091231_014026_000000412085_00332_40967_1686.N1	31-DEC-2009 01:40:26	Bright	40.500	107	37The Aur	2.6490	11000.	81	40967	No
29	GOM_TRA_1PNPDE20091231_014229_000000452085_00332_40967_1687.N1	31-DEC-2009 01:42:29	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	40967	No
30	GOM_TRA_1PNPDE20091231_015908_000000402085_00332_40967_1688.N1	31-DEC-2009 01:59:08	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	40967	No
31	GOM_TRA_1PNPDE20091231_020253_000000502085_00332_40967_1689.N1	31-DEC-2009 02:02:53	Bright	49.500	32	77Eps UMa	1.7630	11000.	99	40967	No
32	GOM_TRA_1PNPDE20091231_020607_000000652085_00332_40967_1690.N1	31-DEC-2009 02:06:07	Bright	65.000	39	85Eta UMa	1.8540	24000.	130	40967	No
33	GOM_TRA_1PNPDE20091231_021008_000000402085_00332_40967_1691.N1	31-DEC-2009 02:10:08	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	40967	No
34	GOM_TRA_1PNPDE20091231_021347_000000412085_00332_40967_1692.N1	31-DEC-2009 02:13:47	Bright	41.000	83		2.3780	11000.	82	40967	No
35	GOM_TRA_1PNPDE20091231_021701_000000512085_00332_40967_1693.N1	31-DEC-2009 02:17:01	Bright	51.000	3	16Alp Boo	-0.050000	4250.0	102	40967	No
36	GOM_TRA_1PNPDE20091231_022404_000000552085_00332_40967_1686.N1	31-DEC-2009 02:24:04	Bright	55.000	104	27Bet Lib	2.6140	13100.	110	40967	No
37	GOM_TRA_1PNPDE20091231_022641_000000442085_00332_40967_1687.N1	31-DEC-2009 02:26:41	Tw_i_and_stray	43.500	122	9Alp2Lib	2.7470	9700.0	87	40967	No
38	GOM_TRA_1PNPDE20091231_023333_000000422085_00332_40967_1688.N1	31-DEC-2009 02:33:33	Dark	42.000	54	5The Cen	2.0550	4500.0	84	40967	No
39	GOM_TRA_1PNPDE20091231_023947_000000432085_00333_40968_1689.N1	31-DEC-2009 02:39:47	Dark	42.500	64	Gam Cen	2.2000	10600.	85	40968	No
40	GOM_TRA_1PNPDE20091231_024556_000000472085_00333_40968_1690.N1	31-DEC-2009 02:45:56	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40968	No
41	GOM_TRA_1PNPDE20091231_024835_000000402085_00333_40968_1691.N1	31-DEC-2009 02:48:35	Dark	39.500	71	lot Car	2.2460	7700.0	79	40968	No
42	GOM_TRA_1PNPDE20091231_025011_000000542085_00333_40968_1692.N1	31-DEC-2009 02:50:11	Dark	53.500	41	Eps Car	1.8600	4100.0	107	40968	No
43	GOM_TRA_1PNPDE20091231_025321_000000442085_00333_40968_1693.N1	31-DEC-2009 02:53:21	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	40968	No
44	GOM_TRA_1PNPDE20091231_025533_000000492085_00333_40968_1694.N1	31-DEC-2009 02:55:33	Dark	48.500	70	Zet Pup	2.2460	39000.	97	40968	No
45	GOM_TRA_1PNPDE20091231_025739_000000482085_00333_40968_1695.N1	31-DEC-2009 02:57:39	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	40968	No
46	GOM_TRA_1PNPDE20091231_030029_000000492085_00333_40968_1696.N1	31-DEC-2009 03:00:29	Straylight	49.000	23	21Eps CMa	1.5020	26000.	98	40968	No
47	GOM_TRA_1PNPDE20091231_030202_000000462085_00333_40968_1697.N1	31-DEC-2009 03:02:02	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	40968	No
48	GOM_TRA_1PNPDE20091231_030432_000000472085_00333_40968_1698.N1	31-DEC-2009 03:04:32	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	40968	No
49	GOM_TRA_1PNPDE20091231_030701_000000432085_00333_40968_1699.N1	31-DEC-2009 03:07:01	Straylight	43.000	56	53Kap Ori	2.0650	30000.	86	40968	No
50	GOM_TRA_1PNPDE20091231_030932_000000442085_00333_40968_1700.N1	31-DEC-2009 03:09:32	Straylight	43.500	30	46Eps Ori	1.6940	30000.	87	40968	No
51	GOM_TRA_1PNPDE20091231_031205_000000542085_00333_40968_1701.N1	31-DEC-2009 03:12:05	Tw_i_and_stray	53.500	14	58Alp Ori	0.87000	3000.0	107	40968	No
52	GOM_TRA_1PNPDE20091231_031525_000000632085_00333_40968_1702.N1	31-DEC-2009 03:15:25	Bright	63.000	44	24Gam Gem	1.9280	11000.	126	40968	No
53	GOM_TRA_1PNPDE20091231_031703_000000502085_00333_40968_1703.N1	31-DEC-2009 03:17:03	Bright	49.500	151	13Mu Gem	2.8900	3000.0	99	40968	No
54	GOM_TRA_1PNPDE20091231_031823_000000472085_00333_40968_1704.N1	31-DEC-2009 03:18:23	Bright	47.000	170	27Eps Gem	3.0000	9700.0	94	40968	No
55	GOM_TRA_1PNPDE20091231_032102_000000392085_00333_40968_1705.N1	31-DEC-2009 03:21:02	Bright	38.500	107	37The Aur	2.6490	11000.	77	40968	No
56	GOM_TRA_1PNPDE20091231_032305_000000422085_00333_40968_1706.N1	31-DEC-2009 03:23:05	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	40968	No
57	GOM_TRA_1PNPDE20091231_033944_000000392085_00333_40968_1709.N1	31-DEC-2009 03:39:44	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	40968	No
58	GOM_TRA_1PNPDE20091231_034328_000000512085_00333_40968_1710.N1	31-DEC-2009 03:43:28	Bright	51.000	32	77Eps UMa	1.7630	11000.	102	40968	No
59	GOM_TRA_1PNPDE20091231_034643_000000482085_00333_40968_1711.N1	31-DEC-2009 03:46:43	Bright	47.500	39	85Eta UMa	1.8540	24000.	95	40968	No
60	GOM_TRA_1PNPDE20091231_035044_000000622085_00333_40968_1712.N1	31-DEC-2009 03:50:44	Bright	62.000	180	27Gam Boo	3.0400	8000.0	124	40968	No
61	GOM_TRA_1PNPDE20091231_035423_000000412085_00333_40968_1713.N1	31-DEC-2009 03:54:23	Bright	40.500	83		2.3780	11000.	81	40968	No
62	GOM_TRA_1PNPDE20091231_035737_000000522085_00333_40968_1714.N1	31-DEC-2009 03:57:37	Bright	52.000	3	16Alp Boo	-0.050000	4250.0	104	40968	No
63	GOM_TRA_1PNPDE20091231_040440_000000552085_00333_40968_1715.N1	31-DEC-2009 04:04:40	Bright	55.000	104	27Bet Lib	2.6140	13100.	110	40968	No
64	GOM_TRA_1PNPDE20091231_040718_000000432085_00333_40968_1716.N1	31-DEC-2009 04:07:18	Tw_i_and_stray	42.500	122	9Alp2Lib	2.7470	9700.0	85	40968	No
65	GOM_TRA_1PNPDE20091231_041409_000000462085_00333_40968_1717.N1	31-DEC-2009 04:14:09	Dark	46.000	54	5The Cen	2.0550	4500.0	92	40968	No
66	GOM_TRA_1PNPDE20091231_041657_000000402085_00333_40968_1718.N1	31-DEC-2009 04:16:57	Dark	39.500	95	Zet Cen	2.5450	26000.	79	40968	No
67	GOM_TRA_1PNPDE20091231_042024_000000442085_00334_40969_1719.N1	31-DEC-2009 04:20:24	Dark	44.000	64	Gam Cen	2.2000	10600.	88	40969	No
68	GOM_TRA_1PNPDE20091231_042633_000000522085_00334_40969_1720.N1	31-DEC-2009 04:26:33	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	40969	No
69	GOM_TRA_1PNPDE20091231_042911_000000482085_00334_40969_1721.N1	31-DEC-2009 04:29:11	Dark	48.000	71	lot Car	2.2460	7700.0	96	40969	No

70	GOM_TRA_1PNPDE20091231_043048_000000482085_00334_40969_1722.N1	31-DEC-2009 04:30:48	Dark	47.500	41	Eps Car	1.8600	4100.0	95	40969	No
71	GOM_TRA_1PNPDE20091231_043357_000000442085_00334_40969_1723.N1	31-DEC-2009 04:33:57	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	40969	No
72	GOM_TRA_1PNPDE20091231_043609_000000482085_00334_40969_1724.N1	31-DEC-2009 04:36:09	Dark	48.000	70	Zet Pup	2.2460	39000.	96	40969	No
73	GOM_TRA_1PNPDE20091231_043815_000000512085_00334_40969_1725.N1	31-DEC-2009 04:38:15	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	40969	No
74	GOM_TRA_1PNPDE20091231_044105_000000462085_00334_40969_1726.N1	31-DEC-2009 04:41:05	Straylight	46.000	23	21Eps CMa	1.5020	26000.	92	40969	No
75	GOM_TRA_1PNPDE20091231_044238_000000472085_00334_40969_1727.N1	31-DEC-2009 04:42:38	Straylight	46.500	179	24Omi2CMa	3.0320	24000.	93	40969	No
76	GOM_TRA_1PNPDE20091231_044507_000000502085_00334_40969_1728.N1	31-DEC-2009 04:45:07	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	40969	No
77	GOM_TRA_1PNPDE20091231_044737_000000432085_00334_40969_1729.N1	31-DEC-2009 04:47:37	Straylight	42.500	56	53Kap Ori	2.0650	30000.	85	40969	No
78	GOM_TRA_1PNPDE20091231_045008_000000432085_00334_40969_1730.N1	31-DEC-2009 04:50:08	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	40969	No
79	GOM_TRA_1PNPDE20091231_045241_000000492085_00334_40969_1731.N1	31-DEC-2009 04:52:41	Twilight	48.500	14	58Alp Ori	0.87000	3000.0	97	40969	No
80	GOM_TRA_1PNPDE20091231_045601_000000522085_00334_40969_1732.N1	31-DEC-2009 04:56:01	Bright	52.000	44	24Gam Gem	1.9280	11000.	104	40969	No
81	GOM_TRA_1PNPDE20091231_045739_000000472085_00334_40969_1733.N1	31-DEC-2009 04:57:39	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	40969	No
82	GOM_TRA_1PNPDE20091231_045859_000000482085_00334_40969_1734.N1	31-DEC-2009 04:58:59	Bright	47.500	170	27Eps Gem	3.0000	9700.0	95	40969	No
83	GOM_TRA_1PNPDE20091231_050138_000000392085_00334_40969_1735.N1	31-DEC-2009 05:01:38	Bright	39.000	107	37The Aur	2.6490	11000.	78	40969	No
84	GOM_TRA_1PNPDE20091231_050341_000000412085_00334_40969_1736.N1	31-DEC-2009 05:03:41	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	40969	No
85	GOM_TRA_1PNPDE20091231_052020_000000402085_00334_40969_1737.N1	31-DEC-2009 05:20:20	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	40969	No
86	GOM_TRA_1PNPDE20091231_052404_000000492085_00334_40969_1738.N1	31-DEC-2009 05:24:04	Bright	48.500	32	77Eps UMa	1.7630	11000.	97	40969	No
87	GOM_TRA_1PNPDE20091231_052719_000000652085_00334_40969_1739.N1	31-DEC-2009 05:27:19	Bright	65.000	39	85Eta UMa	1.8540	24000.	130	40969	No
88	GOM_TRA_1PNPDE20091231_053120_000000622085_00334_40969_1740.N1	31-DEC-2009 05:31:20	Bright	62.000	180	27Gam Boo	3.0400	8000.0	124	40969	No
89	GOM_TRA_1PNPDE20091231_053459_000000612085_00334_40969_1741.N1	31-DEC-2009 05:34:59	Bright	61.000	83		2.3780	11000.	122	40969	No
90	GOM_TRA_1PNPDE20091231_053813_000000522085_00334_40969_1742.N1	31-DEC-2009 05:38:13	Bright	51.500	3	16Alp Boo	-0.050000	4250.0	103	40969	No
91	GOM_TRA_1PNPDE20091231_054517_000000552085_00334_40969_1743.N1	31-DEC-2009 05:45:17	Bright	55.000	104	27Bet Lib	2.6140	13100.	110	40969	No
92	GOM_TRA_1PNPDE20091231_054754_000000452085_00334_40969_1744.N1	31-DEC-2009 05:47:54	Twilight	44.500	122	9Alp2Lib	2.7470	9700.0	89	40969	No
93	GOM_TRA_1PNPDE20091231_055446_000000542085_00334_40969_1745.N1	31-DEC-2009 05:54:46	Dark	54.000	54	5The Cen	2.0550	4500.0	108	40969	No
94	GOM_TRA_1PNPDE20091231_055733_000000412085_00334_40969_1746.N1	31-DEC-2009 05:57:33	Dark	41.000	95	Zet Cen	2.5450	26000.	82	40969	No
95	GOM_TRA_1PNPDE20091231_060101_000000432085_00335_40970_1747.N1	31-DEC-2009 06:01:01	Dark	42.500	64	Gam Cen	2.2000	10600.	85	40970	No
96	GOM_TRA_1PNPDE20091231_060710_000000522085_00335_40970_1748.N1	31-DEC-2009 06:07:10	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	40970	No
97	GOM_TRA_1PNPDE20091231_060948_000000422085_00335_40970_1749.N1	31-DEC-2009 06:09:48	Dark	41.500	71	lot Car	2.2460	7700.0	83	40970	No
98	GOM_TRA_1PNPDE20091231_061124_000000552085_00335_40970_1750.N1	31-DEC-2009 06:11:24	Dark	54.500	41	Eps Car	1.8600	4100.0	109	40970	No
99	GOM_TRA_1PNPDE20091231_061434_000000462085_00335_40970_1751.N1	31-DEC-2009 06:14:34	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40970	No
100	GOM_TRA_1PNPDE20091231_061646_000000472085_00335_40970_1752.N1	31-DEC-2009 06:16:46	Dark	46.500	70	Zet Pup	2.2460	39000.	93	40970	No
101	GOM_TRA_1PNPDE20091231_061852_000000482085_00335_40970_1753.N1	31-DEC-2009 06:18:52	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	40970	No
102	GOM_TRA_1PNPDE20091231_062141_000000472085_00335_40970_1754.N1	31-DEC-2009 06:21:41	Straylight	47.000	23	21Eps CMa	1.5020	26000.	94	40970	No
103	GOM_TRA_1PNPDE20091231_062315_000000462085_00335_40970_1755.N1	31-DEC-2009 06:23:15	Straylight	45.500	179	24Omi2CMa	3.0320	24000.	91	40970	No
104	GOM_TRA_1PNPDE20091231_062544_000000522085_00335_40970_1756.N1	31-DEC-2009 06:25:44	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	40970	No
105	GOM_TRA_1PNPDE20091231_062813_000000432085_00335_40970_1757.N1	31-DEC-2009 06:28:13	Straylight	43.000	56	53Kap Ori	2.0650	30000.	86	40970	No
106	GOM_TRA_1PNPDE20091231_063044_000000452085_00335_40970_1758.N1	31-DEC-2009 06:30:44	Straylight	44.500	30	46Eps Ori	1.6940	30000.	89	40970	No
107	GOM_TRA_1PNPDE20091231_063317_000000532085_00335_40970_1759.N1	31-DEC-2009 06:33:17	Twilight	53.000	14	58Alp Ori	0.87000	3000.0	106	40970	No
108	GOM_TRA_1PNPDE20091231_063637_000000512085_00335_40970_1760.N1	31-DEC-2009 06:36:37	Bright	50.500	44	24Gam Gem	1.9280	11000.	101	40970	No
109	GOM_TRA_1PNPDE20091231_063814_000000482085_00335_40970_1761.N1	31-DEC-2009 06:38:14	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	40970	No
110	GOM_TRA_1PNPDE20091231_063935_000000472085_00335_40970_1762.N1	31-DEC-2009 06:39:35	Bright	46.500	170	27Eps Gem	3.0000	9700.0	93	40970	No
111	GOM_TRA_1PNPDE20091231_064213_000000402085_00335_40970_1763.N1	31-DEC-2009 06:42:13	Bright	39.500	107	37The Aur	2.6490	11000.	79	40970	No
112	GOM_TRA_1PNPDE20091231_064417_000000402085_00335_40970_1764.N1	31-DEC-2009 06:44:17	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	40970	No
113	GOM_TRA_1PNPDE20091231_193926_000000452085_00343_40978_1794.N1	31-DEC-2009 19:39:26	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	40978	Yes
114	GOM_TRA_1PNPDE20091231_194137_000000482085_00343_40978_1795.N1	31-DEC-2009 19:41:37	Dark	47.500	70	Zet Pup	2.2460	39000.	95	40978	No
115	GOM_TRA_1PNPDE20091231_194342_000000462085_00343_40978_1796.N1	31-DEC-2009 19:43:42	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	40978	No
116	GOM_TRA_1PNPDE20091231_194631_000000492085_00343_40978_1797.N1	31-DEC-2009 19:46:31	Straylight	49.000	23	21Eps CMa	1.5020	26000.	98	40978	No
117	GOM_TRA_1PNPDE20091231_194804_000000452085_00343_40978_1798.N1	31-DEC-2009 19:48:04	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	40978	No
118	GOM_TRA_1PNPDE20091231_195032_000000492085_00343_40978_1799.N1	31-DEC-2009 19:50:32	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	40978	No
119	GOM_TRA_1PNPDE20091231_195302_000000422085_00343_40978_1800.N1	31-DEC-2009 19:53:02	Straylight	41.500	56	53Kap Ori	2.0650	30000.	83	40978	No
120	GOM_TRA_1PNPDE20091231_195532_000000432085_00343_40978_1801.N1	31-DEC-2009 19:55:32	Straylight	42.500	30	46Eps Ori	1.6940	30000.	85	40978	No
121	GOM_TRA_1PNPDE20091231_195804_000000492085_00343_40978_1802.N1	31-DEC-2009 19:58:04	Twilight	48.500	14	58Alp Ori	0.87000	3000.0	97	40978	No
122	GOM_TRA_1PNPDE20091231_200121_000000502085_00343_40978_1803.N1	31-DEC-2009 20:01:21	Bright	50.000	44	24Gam Gem	1.9280	11000.	100	40978	No
123	GOM_TRA_1PNPDE20091231_200259_000000482085_00343_40978_1804.N1	31-DEC-2009 20:02:59	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	40978	No
124	GOM_TRA_1PNPDE20091231_200659_000000392085_00343_40978_1805.N1	31-DEC-2009 20:06:59	Bright	38.500	107	37The Aur	2.6490	11000.	77	40978	No
125	GOM_TRA_1PNPDE20091231_200904_000000432085_00343_40978_1806.N1	31-DEC-2009 20:09:04	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	40978	No
126	GOM_TRA_1PNPDE20091231_202542_000000382085_00343_40978_1807.N1	31-DEC-2009 20:25:42	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	40978	No
127	GOM_TRA_1PNPDE20091231_202924_000000502085_00343_40978_1808.N1	31-DEC-2009 20:29:24	Bright	50.000	32	77Eps UMa	1.7630	11000.	100	40978	No
128	GOM_TRA_1PNPDE20091231_203240_000000462085_00343_40978_1809.N1	31-DEC-2009 20:32:40	Bright	46.000	39	85Eta UMa	1.8540	24000.	92	40978	No

129	GOM_TRA_1PNPDE20091231_203644_000000402085_00343_40978_1810.N1	31-DEC-2009 20:36:44	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	40978	No
130	GOM_TRA_1PNPDE20091231_204025_000000452085_00343_40978_1811.N1	31-DEC-2009 20:40:25	Bright	45.000	83		2.3780	11000.	90	40978	No
131	GOM_TRA_1PNPDE20091231_204341_000000512085_00343_40978_1812.N1	31-DEC-2009 20:43:41	Bright	51.000	3	16Alp Boo	-0.050000	4250.0	102	40978	No
132	GOM_TRA_1PNPDE20091231_205044_000000562085_00343_40978_1810.N1	31-DEC-2009 20:50:44	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	40978	No
133	GOM_TRA_1PNPDE20091231_205323_000000442085_00343_40978_1811.N1	31-DEC-2009 20:53:23	Twilight	44.000	122	9Alp2Lib	2.7470	9700.0	88	40978	No
134	GOM_TRA_1PNPDE20091231_210016_000000482085_00343_40978_1812.N1	31-DEC-2009 21:00:16	Dark	47.500	54	5The Cen	2.0550	4500.0	95	40978	No
135	GOM_TRA_1PNPDE20091231_210302_000000432085_00343_40978_1813.N1	31-DEC-2009 21:03:02	Dark	42.500	95	Zet Cen	2.5450	26000.	85	40978	No
136	GOM_TRA_1PNPDE20091231_224708_000000432085_00345_40980_1830.N1	31-DEC-2009 22:47:08	Dark	42.500	64	Gam Cen	2.2000	10600.	85	40980	No
137	GOM_TRA_1PNPDE20091231_225318_000000522085_00345_40980_1831.N1	31-DEC-2009 22:53:18	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	40980	No
138	GOM_TRA_1PNPDE20091231_225553_000000442085_00345_40980_1832.N1	31-DEC-2009 22:55:53	Dark	44.000	71	lot Car	2.2460	7700.0	88	40980	No
139	GOM_TRA_1PNPDE20091231_225728_000000482085_00345_40980_1833.N1	31-DEC-2009 22:57:28	Dark	47.500	41	Eps Car	1.8600	4100.0	95	40980	No
140	GOM_TRA_1PNPDE20091231_230038_000000462085_00345_40980_1834.N1	31-DEC-2009 23:00:38	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40980	No
141	GOM_TRA_1PNPDE20091231_230250_000000472085_00345_40980_1835.N1	31-DEC-2009 23:02:50	Dark	46.500	70	Zet Pup	2.2460	39000.	93	40980	No
142	GOM_TRA_1PNPDE20091231_230455_000000482085_00345_40980_1836.N1	31-DEC-2009 23:04:55	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	40980	No
143	GOM_TRA_1PNPDE20091231_230743_000000442085_00345_40980_1837.N1	31-DEC-2009 23:07:43	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	40980	No
144	GOM_TRA_1PNPDE20091231_230916_000000452085_00345_40980_1838.N1	31-DEC-2009 23:09:16	Straylight	45.000	179	24Omi2CMa	3.0320	24000.	90	40980	No
145	GOM_TRA_1PNPDE20091231_231144_000000472085_00345_40980_1839.N1	31-DEC-2009 23:11:44	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	40980	No
146	GOM_TRA_1PNPDE20091231_231414_000000362085_00345_40980_1840.N1	31-DEC-2009 23:14:14	Straylight	36.000	56	53Kap Ori	2.0650	30000.	72	40980	No
147	GOM_TRA_1PNPDE20091231_231644_000000422085_00345_40980_1841.N1	31-DEC-2009 23:16:44	Straylight	41.500	30	46Eps Ori	1.6940	30000.	83	40980	No
148	GOM_TRA_1PNPDE20091231_231915_000000552085_00345_40980_1842.N1	31-DEC-2009 23:19:15	Twilight	55.000	14	58Alp Ori	0.87000	3000.0	110	40980	No
149	GOM_TRA_1PNPDE20091231_232232_000000632085_00345_40980_1843.N1	31-DEC-2009 23:22:32	Bright	63.000	44	24Gam Gem	1.9280	11000.	126	40980	No
150	GOM_TRA_1PNPDE20091231_232410_000000512085_00345_40980_1844.N1	31-DEC-2009 23:24:10	Bright	50.500	151	13Mu Gem	2.8900	3000.0	101	40980	No
151	GOM_TRA_1PNPDE20091231_232810_000000392085_00345_40980_1845.N1	31-DEC-2009 23:28:10	Bright	38.500	107	37The Aur	2.6490	11000.	77	40980	No
152	GOM_TRA_1PNPDE20091231_233015_000000422085_00345_40980_1846.N1	31-DEC-2009 23:30:15	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	40980	No
153	GOM_TRA_1PNPDE20091231_234654_000000362085_00345_40980_1847.N1	31-DEC-2009 23:46:54	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	40980	No
154	GOM_TRA_1PNPDE20091231_235035_000000492085_00345_40980_1848.N1	31-DEC-2009 23:50:35	Bright	48.500	32	77Eps UMa	1.7630	11000.	97	40980	No
155	GOM_TRA_1PNPDE20091231_235352_000000482085_00345_40980_1849.N1	31-DEC-2009 23:53:52	Bright	47.500	39	85Eta UMa	1.8540	24000.	95	40980	No
156	GOM_TRA_1PNPDE20091231_235756_000000622085_00345_40980_1850.N1	31-DEC-2009 23:57:56	Bright	62.000	180	27Gam Boo	3.0400	8000.0	124	40980	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).

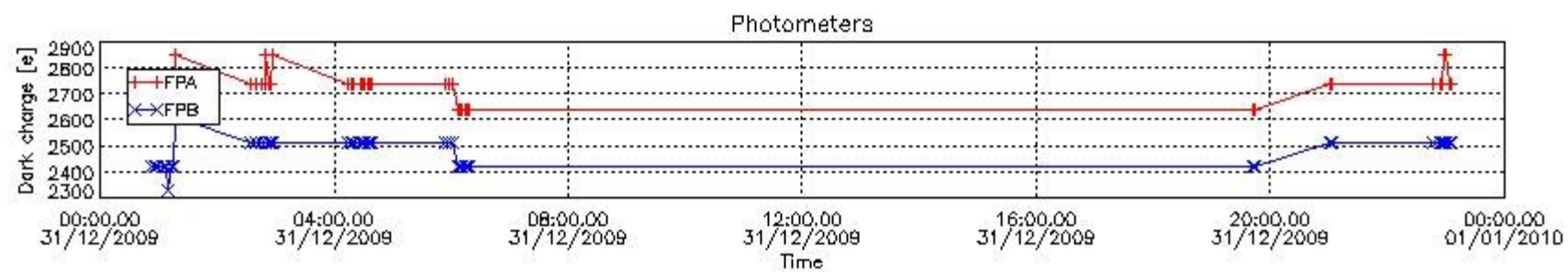
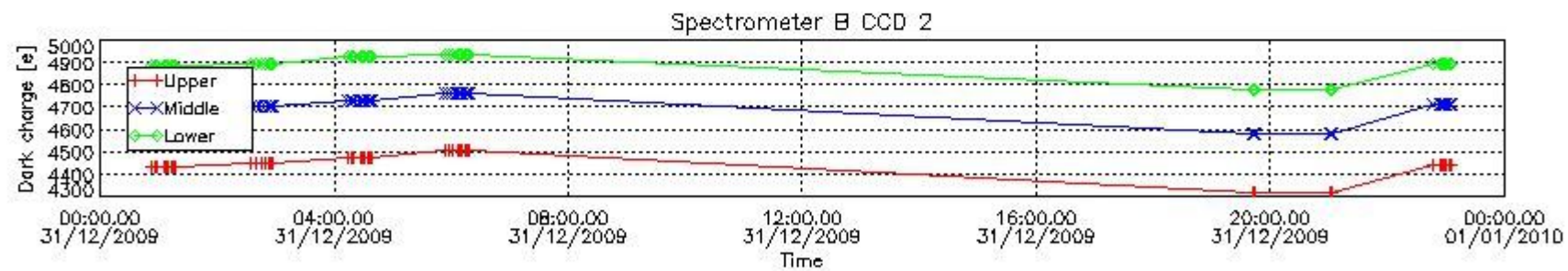
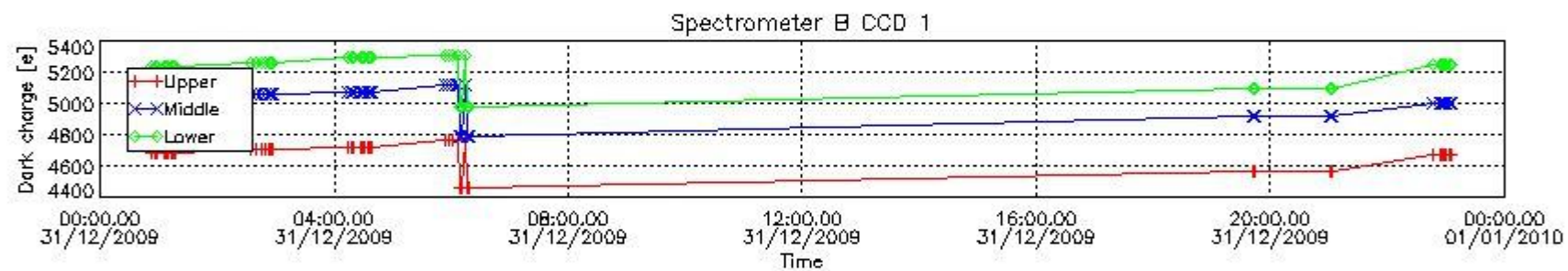
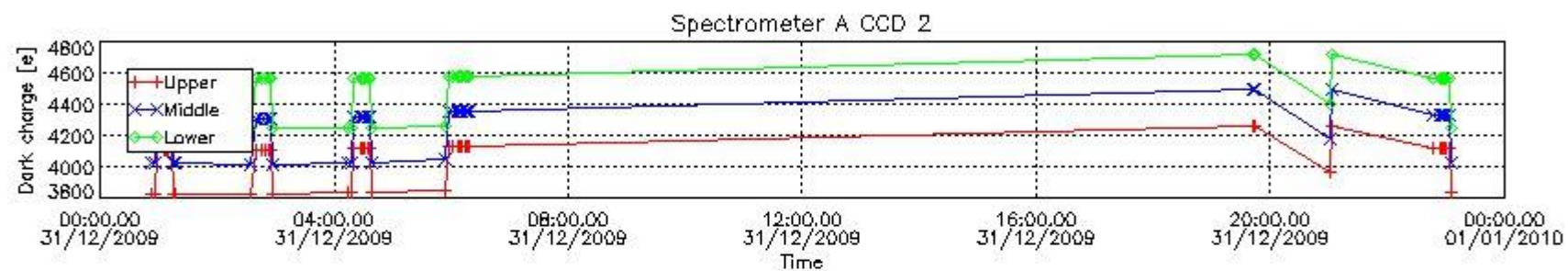
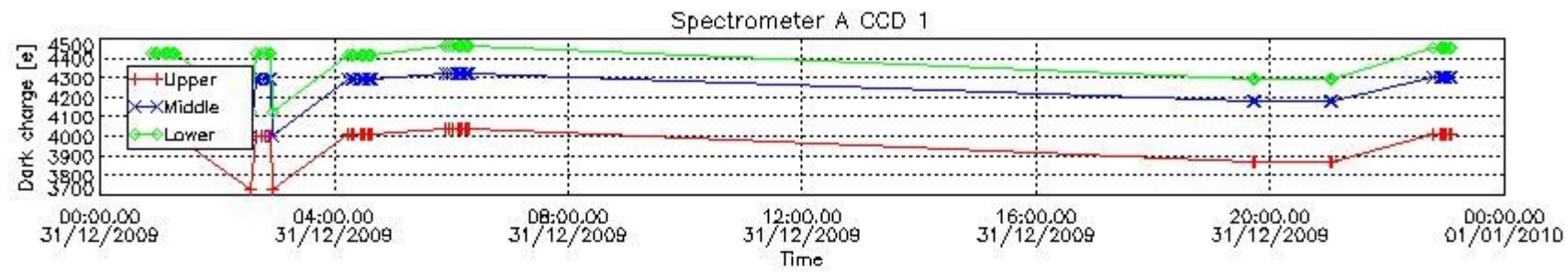
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20091231_193926_000000452085_00343_40978_1794.N1	DC map with no T dep.
GOM_TRA_1PNPDE20091231_194137_000000482085_00343_40978_1795.N1	DC map used
GOM_TRA_1PNPDE20091231_194342_000000462085_00343_40978_1796.N1	DC map used
GOM_TRA_1PNPDE20091231_194631_000000492085_00343_40978_1797.N1	DC map used
GOM_TRA_1PNPDE20091231_194804_000000452085_00343_40978_1798.N1	DC map used
GOM_TRA_1PNPDE20091231_195032_000000492085_00343_40978_1799.N1	DC map used
GOM_TRA_1PNPDE20091231_195302_000000422085_00343_40978_1800.N1	DC map used
GOM_TRA_1PNPDE20091231_195532_000000432085_00343_40978_1801.N1	DC map used
GOM_TRA_1PNPDE20091231_195804_000000492085_00343_40978_1802.N1	DC map used
GOM_TRA_1PNPDE20091231_200121_000000502085_00343_40978_1803.N1	DC map used
GOM_TRA_1PNPDE20091231_200259_000000482085_00343_40978_1804.N1	DC map used
GOM_TRA_1PNPDE20091231_200659_000000392085_00343_40978_1805.N1	DC map used
GOM_TRA_1PNPDE20091231_200904_000000432085_00343_40978_1806.N1	DC map used
GOM_TRA_1PNPDE20091231_202542_000000382085_00343_40978_1807.N1	DC map used

GOM_TRA_1PNPDE20091231_202924_000000502085_00343_40978_1808.N1	DC map used
GOM_TRA_1PNPDE20091231_203240_000000462085_00343_40978_1809.N1	DC map used
GOM_TRA_1PNPDE20091231_203644_000000402085_00343_40978_1810.N1	DC map used
GOM_TRA_1PNPDE20091231_204025_000000452085_00343_40978_1811.N1	DC map used
GOM_TRA_1PNPDE20091231_204341_000000512085_00343_40978_1812.N1	DC map used
GOM_TRA_1PNPDE20091231_205044_000000562085_00343_40978_1810.N1	DC map used
GOM_TRA_1PNPDE20091231_205323_000000442085_00343_40978_1811.N1	DC map used
GOM_TRA_1PNPDE20091231_210016_000000482085_00343_40978_1812.N1	DC map used
GOM_TRA_1PNPDE20091231_210302_000000432085_00343_40978_1813.N1	DC map used

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



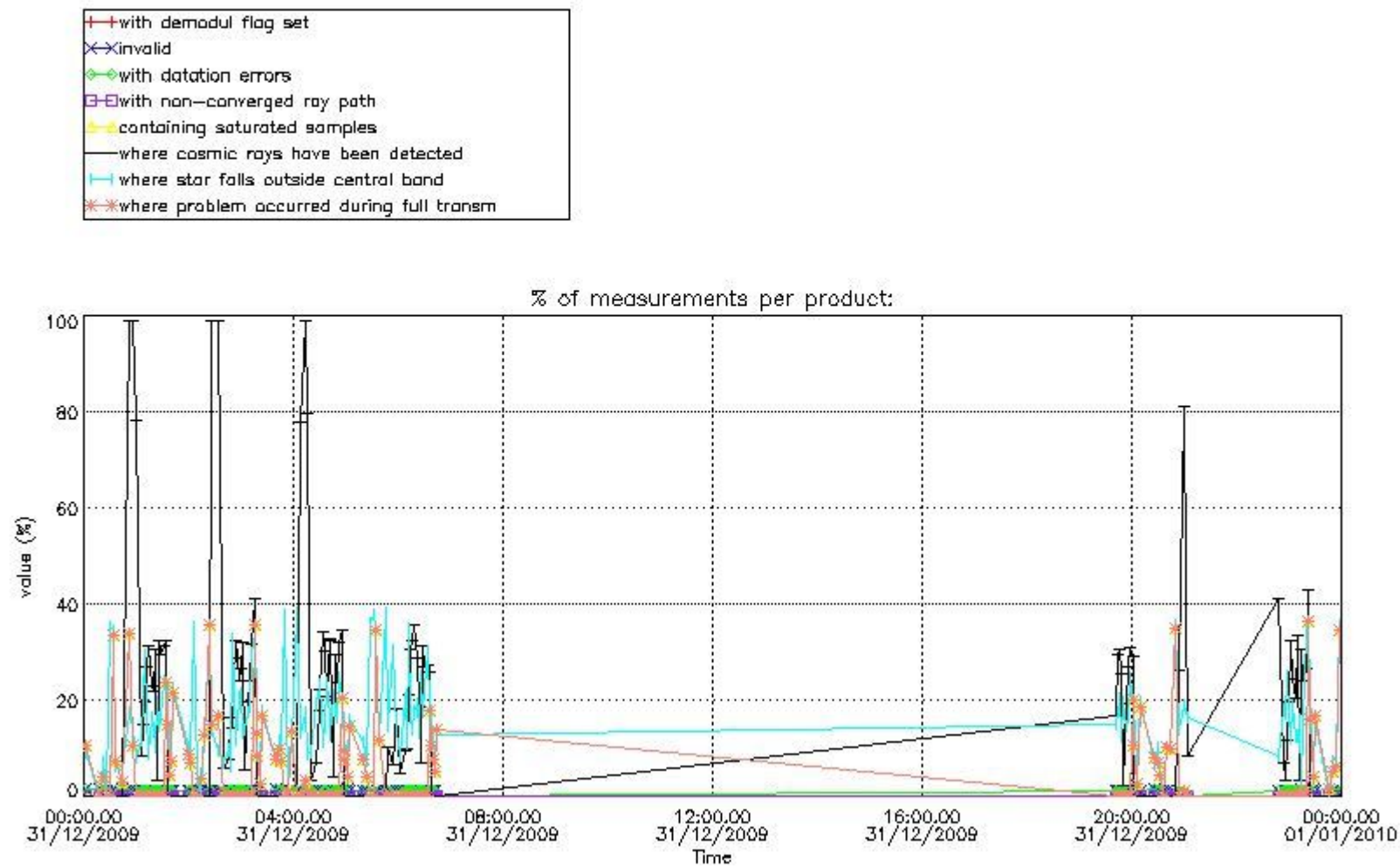
5. Demodulation flag and quality information monitoring

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.

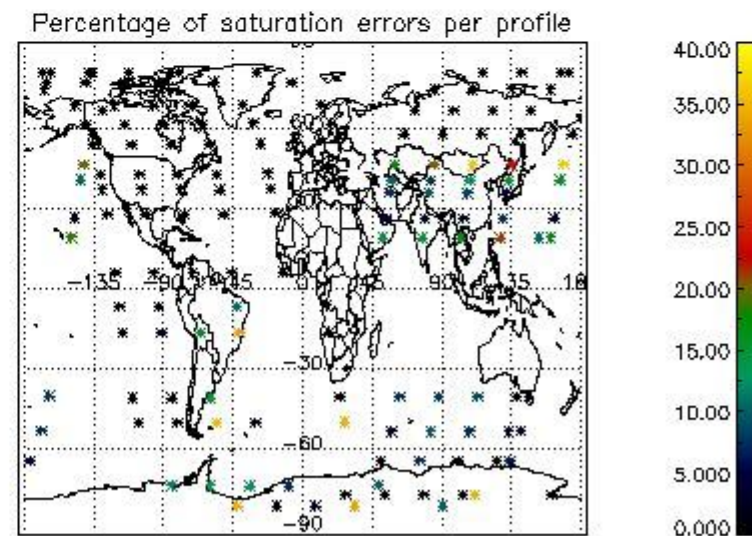
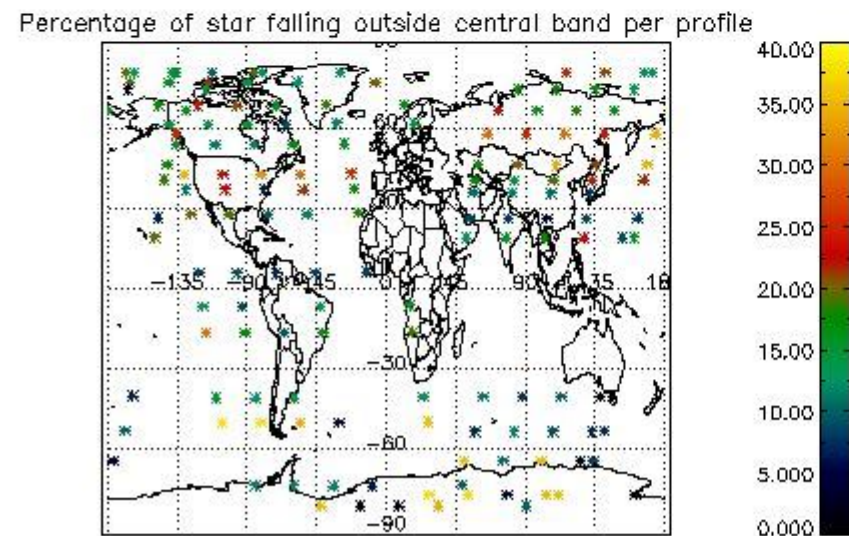
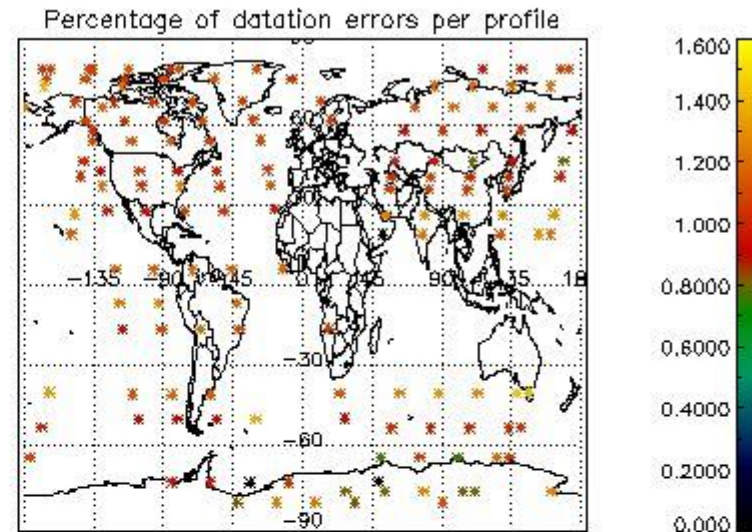
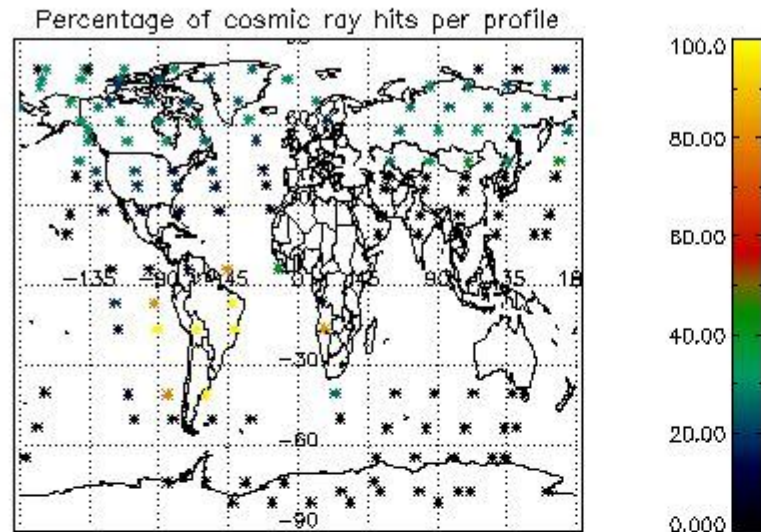
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	40.2597 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



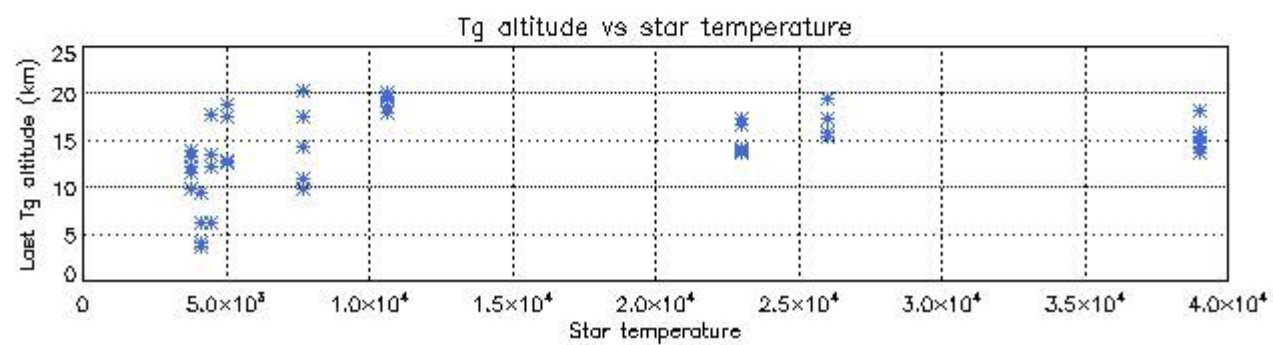
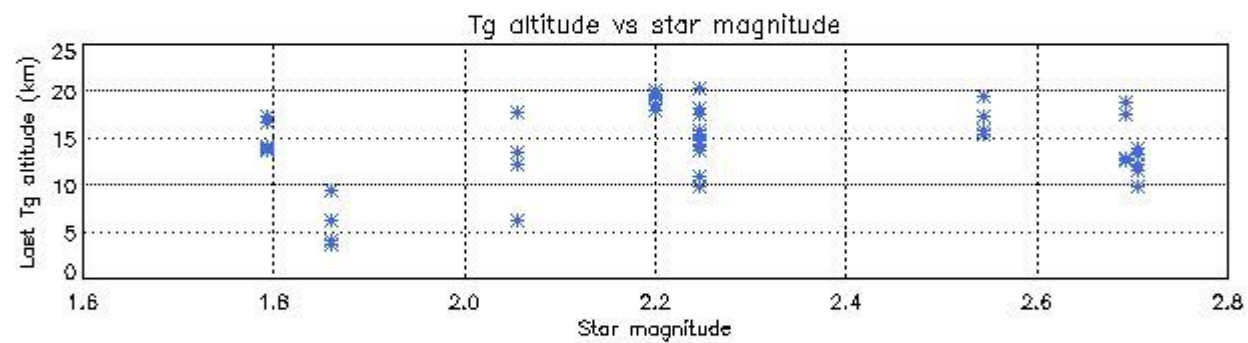
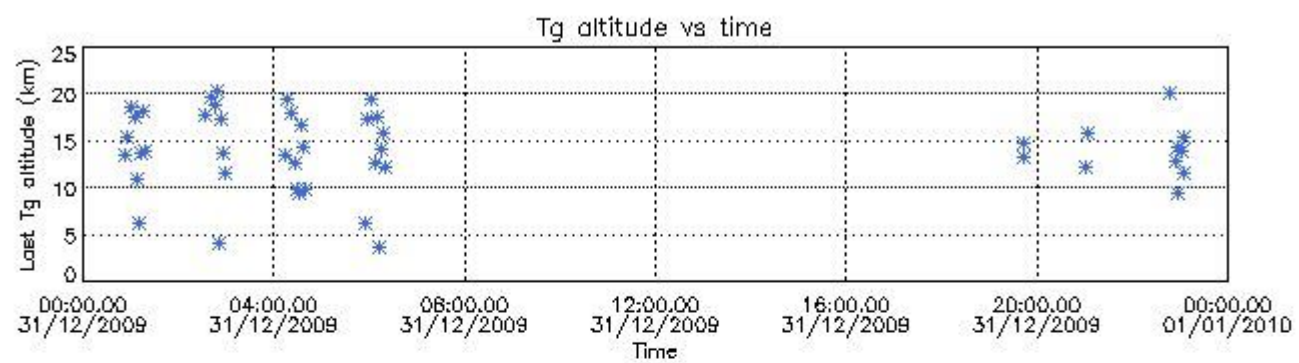
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	14.048	14.722	NaN
St. deviation:	4.1185	6.5421	NaN
Maximum:	20.251	26.226	NaN
Minimum:	3.6212	3.5250	NaN
Number of data:	46.000	68.000	NaN

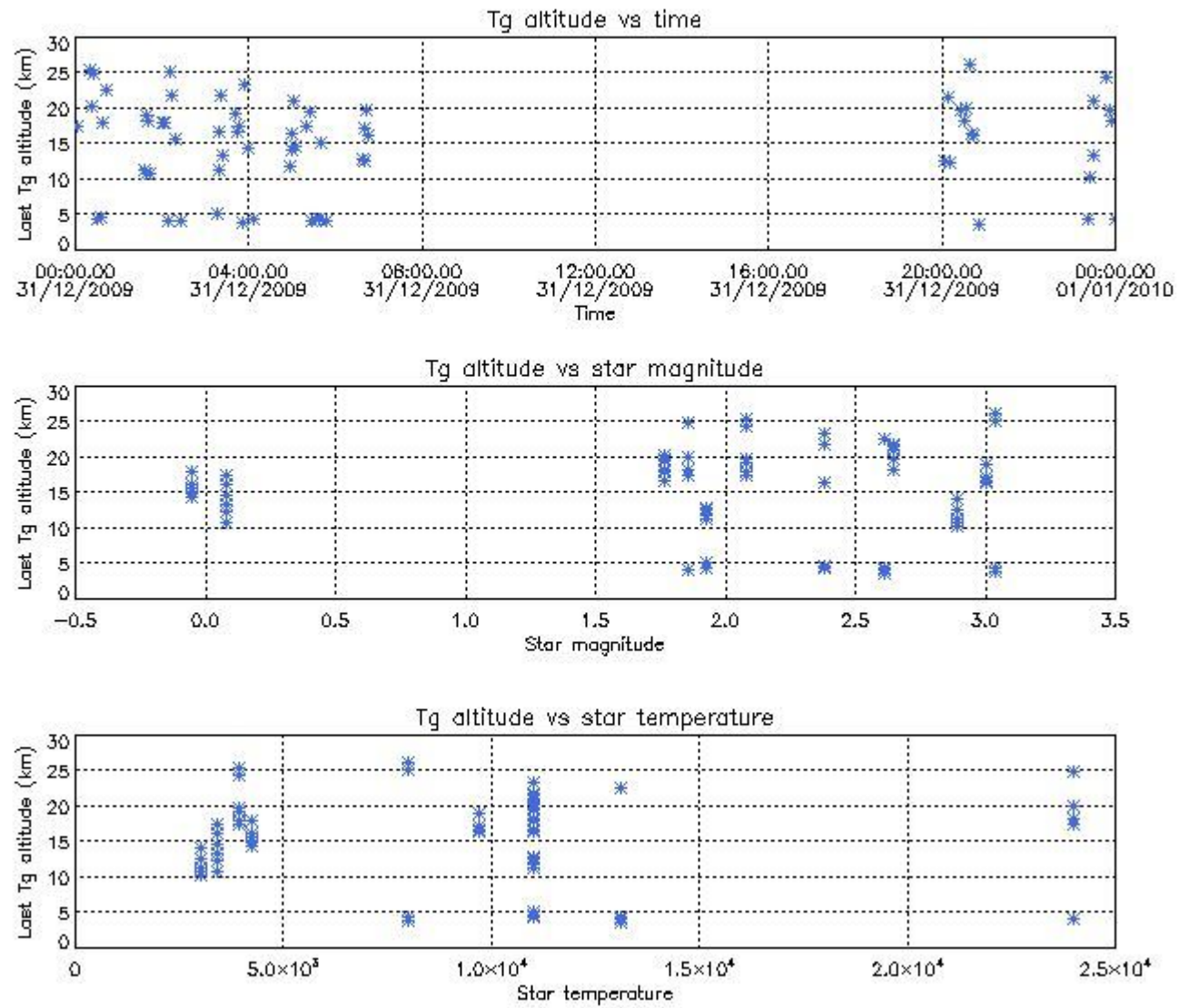
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

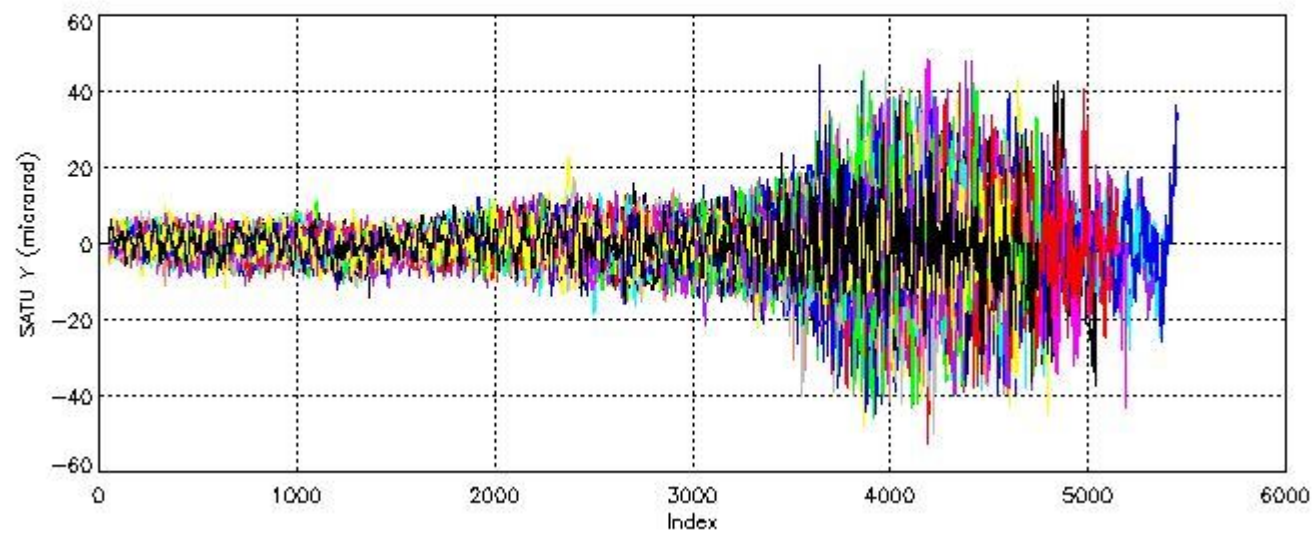
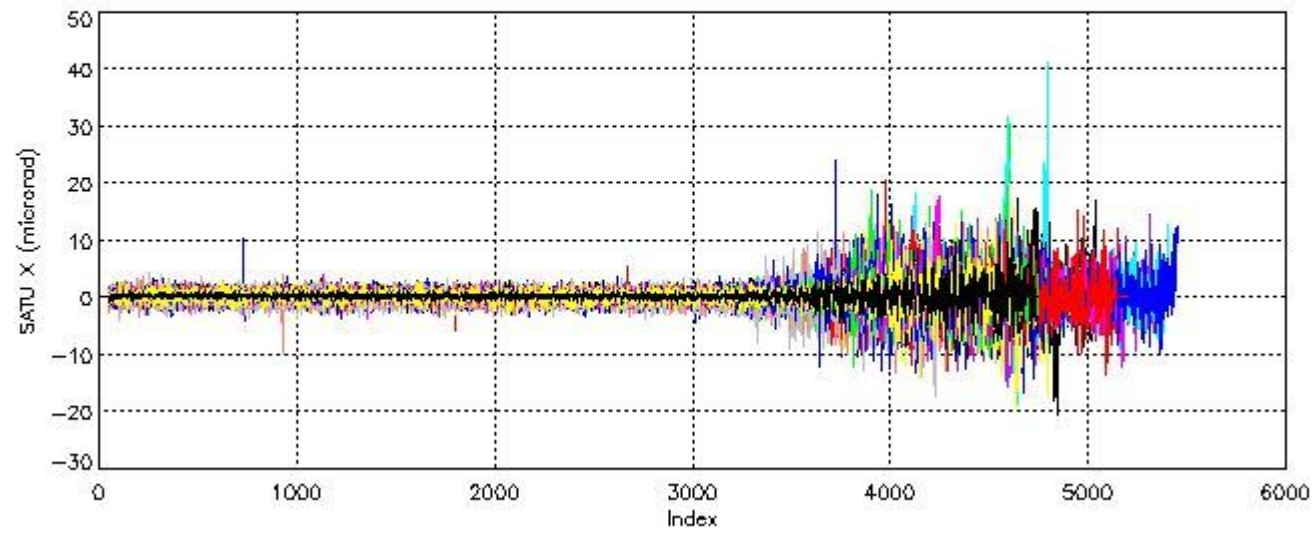


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

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

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.21371	0.11615	0.17309	-0.14281
St. deviation:	0.55502	2.4550	0.68251	2.8158
Maximum:	10.300	10.000	6.1000	11.300
Minimum:	-9.5000	-11.400	-5.6000	-13.100

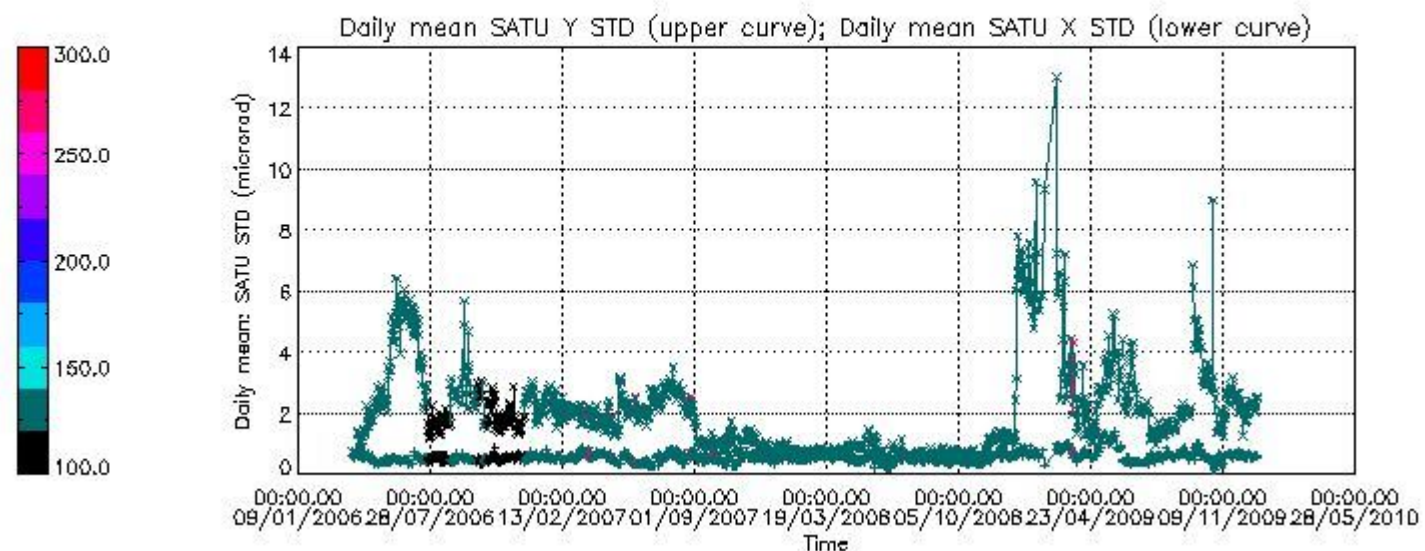
Number of data:	44950.	44950.	67050.	67050.
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7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

The long term trend of the SATU 'X' and 'Y' standard deviations should be constant during the whole mission.

The colorbar represents the start tangent altitude (km) of the occultations.

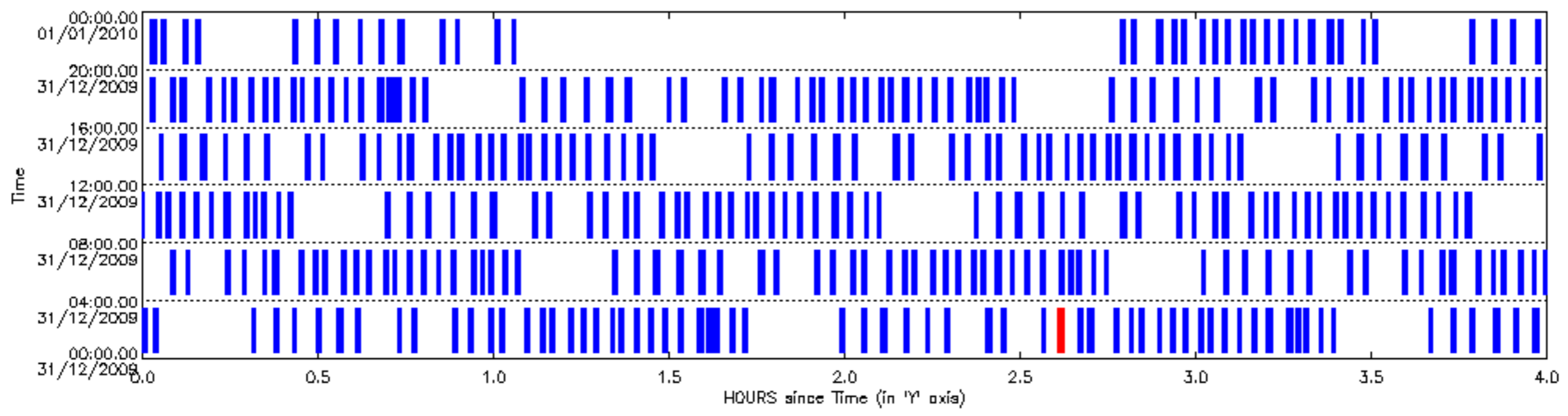
Upper curve: STD of SATU Y axis
Lower curve: STD of SATU X axis

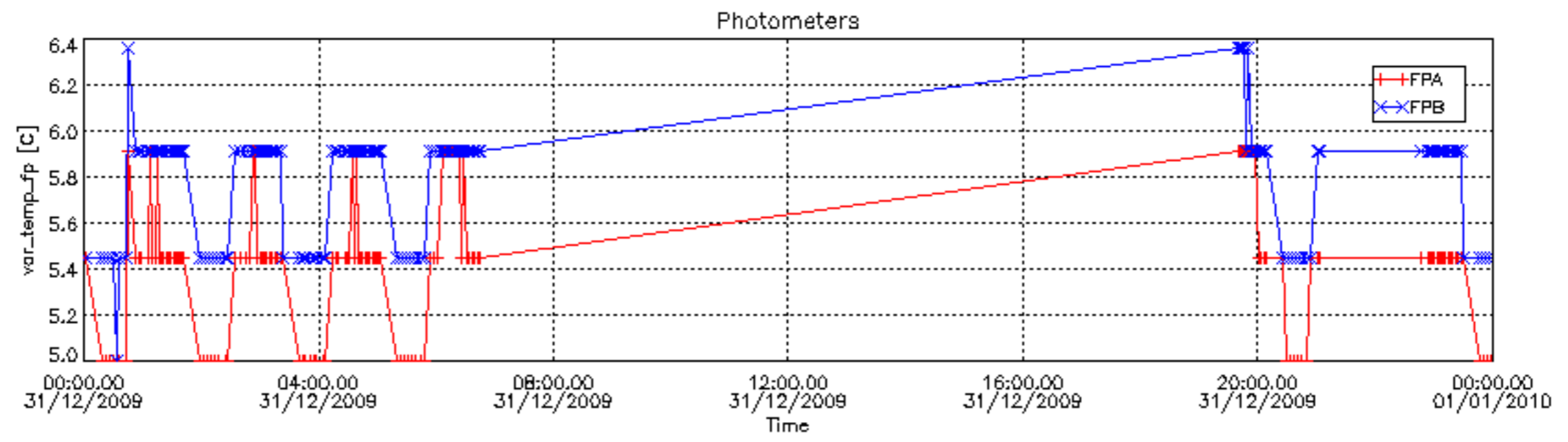
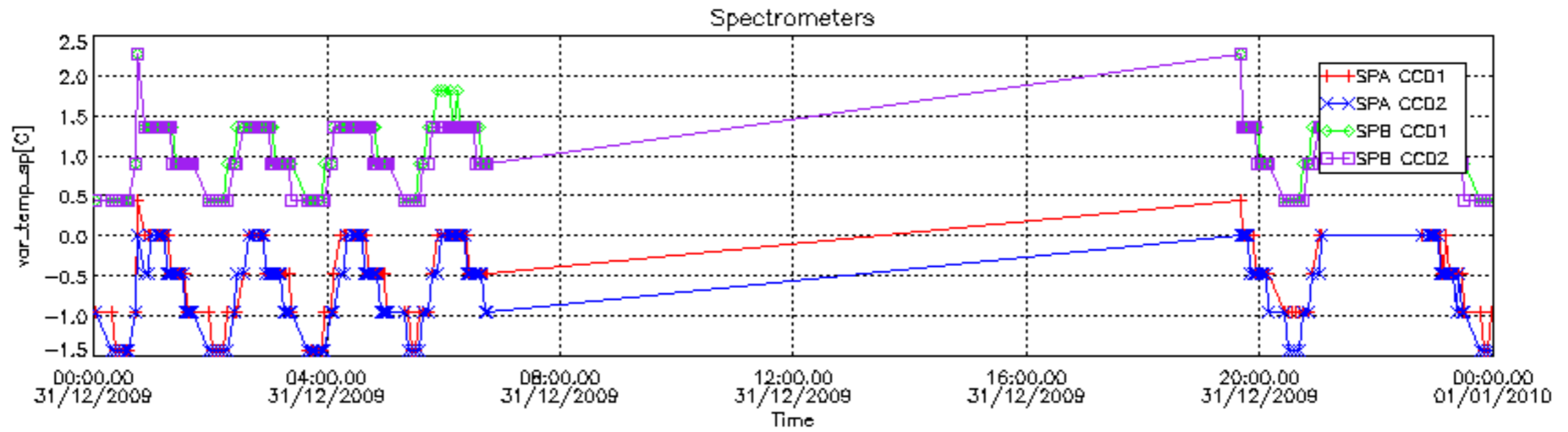


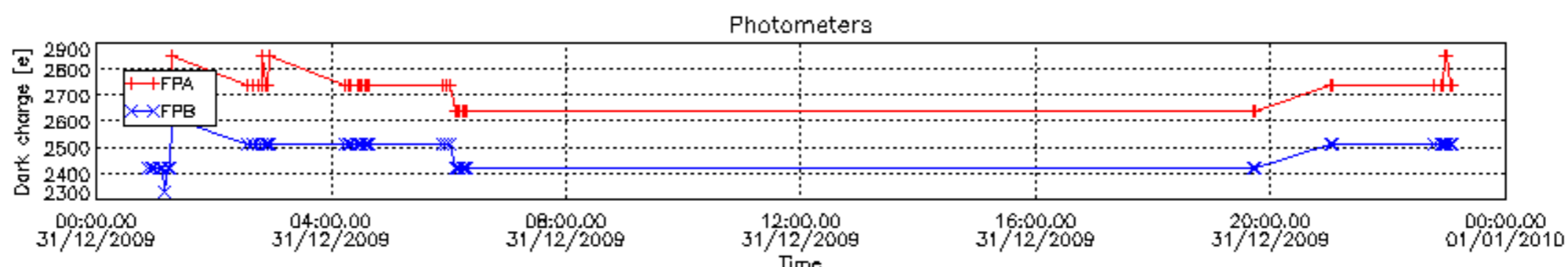
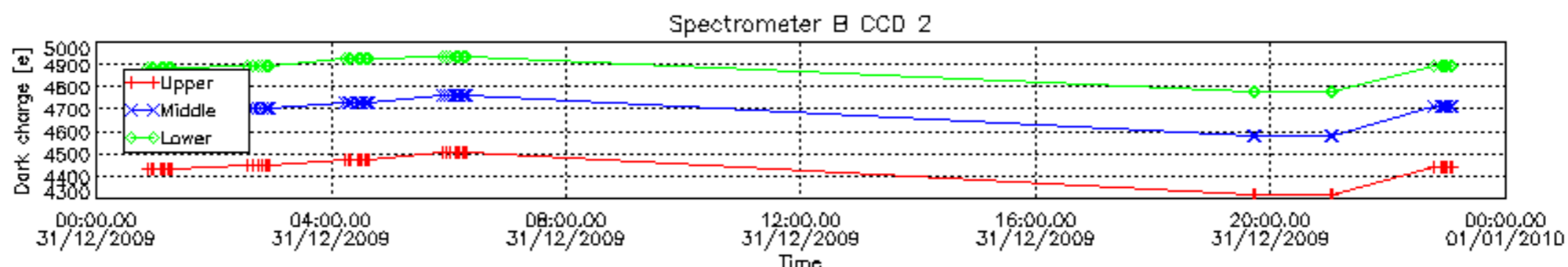
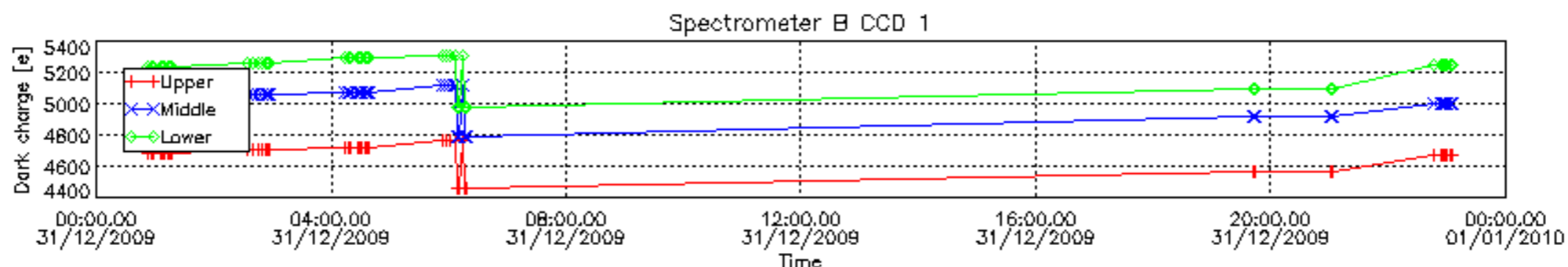
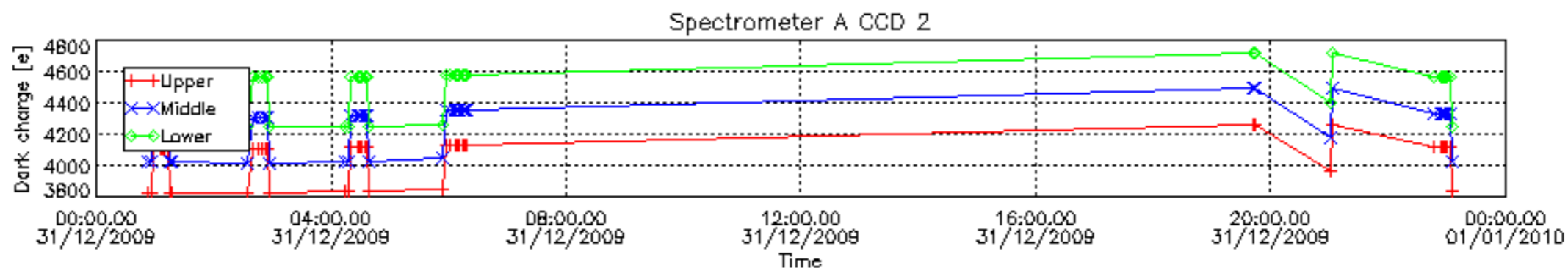
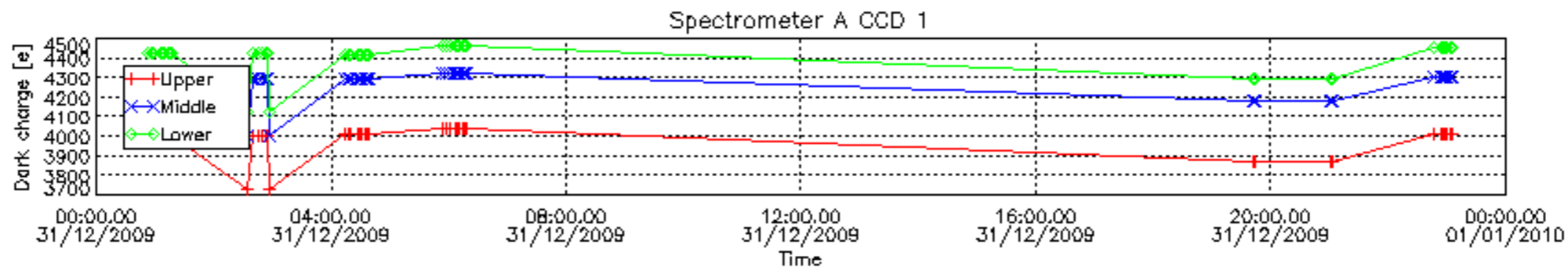
8. Auxiliary Data Files used for the production reported in section 2.4

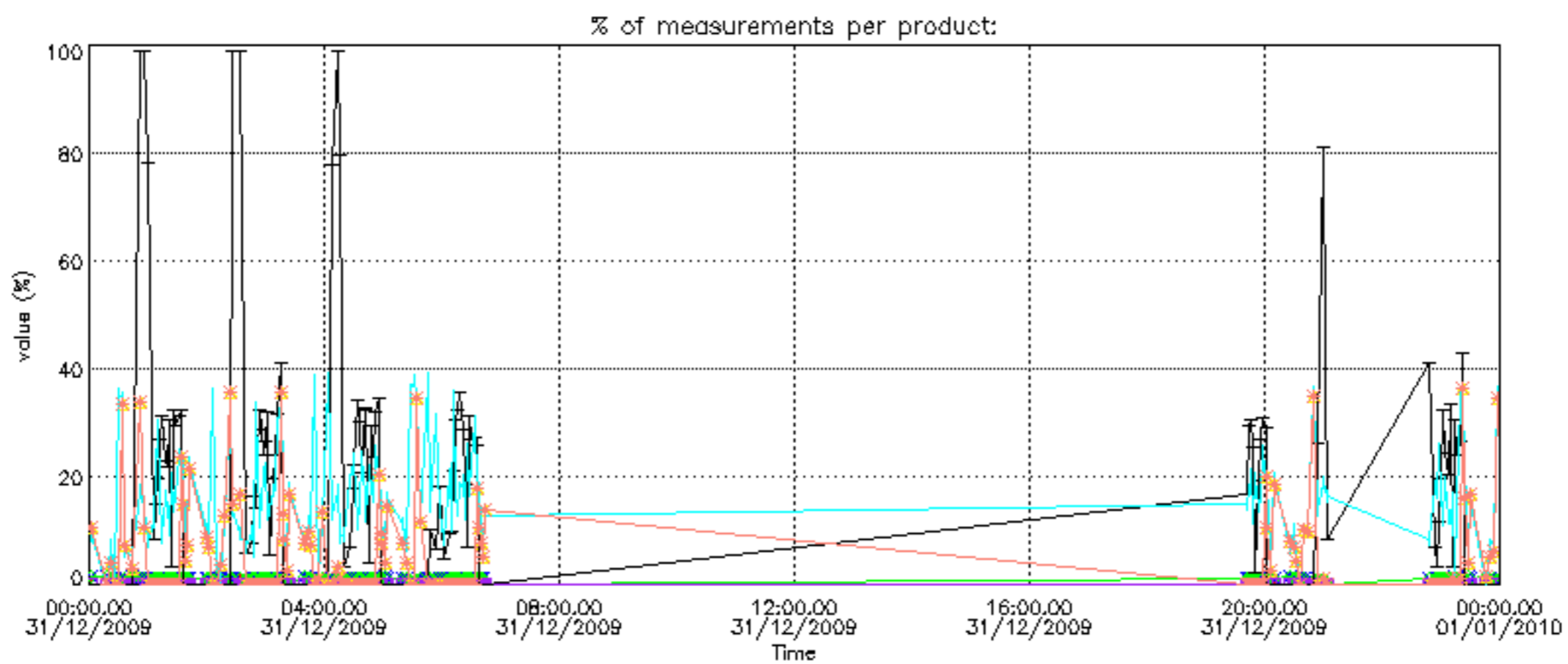
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	31-DEC-2009 00:01:54
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20091229_111816_20091227_000000_20500101_000000	1	31-DEC-2009 00:01:54
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	31-DEC-2009 00:01:54
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	31-DEC-2009 00:01:54
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	31-DEC-2009 00:01:54
ECMWF_FILE	AUX_ECF_AXNECM20091230_062111_20091230_210000_20091231_090000	1	31-DEC-2009 00:01:54
ECMWF_FILE	AUX_ECF_AXNECM20091230_181628_20091231_030000_20091231_150000	57	31-DEC-2009 03:39:44
ECMWF_FILE	AUX_ECA_AXNECM20091231_060114_20091230_210000_20091231_090000	85	31-DEC-2009 05:20:20
ECMWF_FILE	AUX_ECA_AXNECM20091231_182114_20091231_090000_20091231_210000	113	31-DEC-2009 19:39:26
ECMWF_FILE	AUX_ECF_AXNECM20091231_062114_20091231_150000_20100101_030000	132	31-DEC-2009 20:50:44
ECMWF_FILE	AUX_ECF_AXNECM20091231_062115_20091231_210000_20100101_090000	136	31-DEC-2009 22:47:08
OPTIONAL_ECMWF_FILE	MISSING	1	31-DEC-2009 00:01:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091230_230330_000057382085_00330_40965_9468.N1	1	31-DEC-2009 00:01:54
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ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091231_022005_000041442085_00332_40967_9470.N1	36	31-DEC-2009 02:24:04
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091231_033428_000057382085_00333_40968_9471.N1	57	31-DEC-2009 03:39:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091231_051525_000057382085_00334_40969_9472.N1	85	31-DEC-2009 05:20:20
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091231_193609_000038252085_00343_40978_9473.N1	113	31-DEC-2009 19:39:26
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091231_204513_000060572085_00343_40978_9474.N1	132	31-DEC-2009 20:50:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091231_223129_000057382085_00344_40979_9475.N1	136	31-DEC-2009 22:47:08

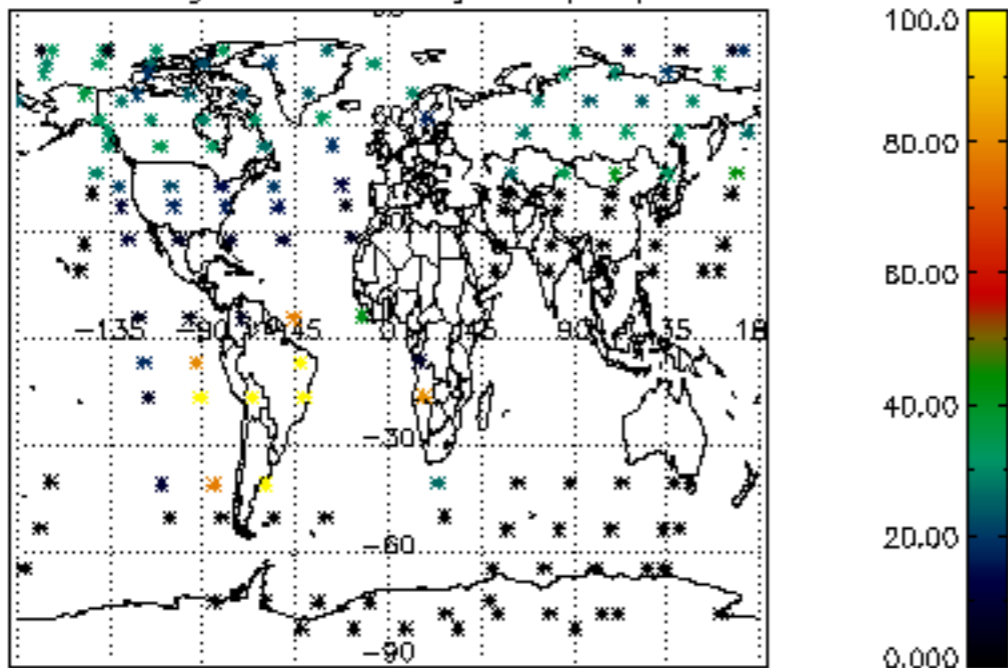




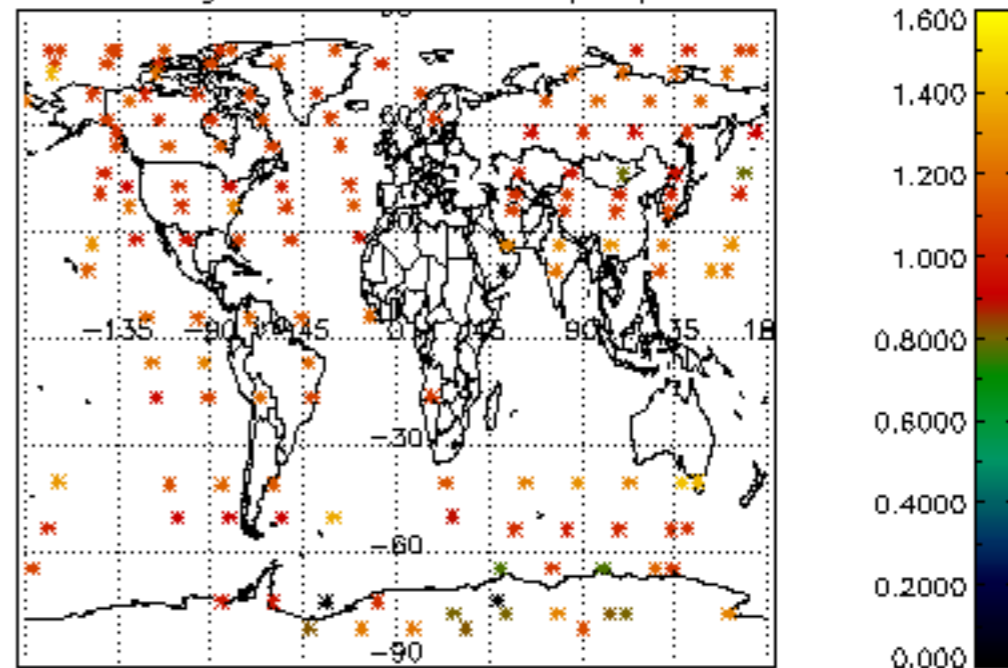




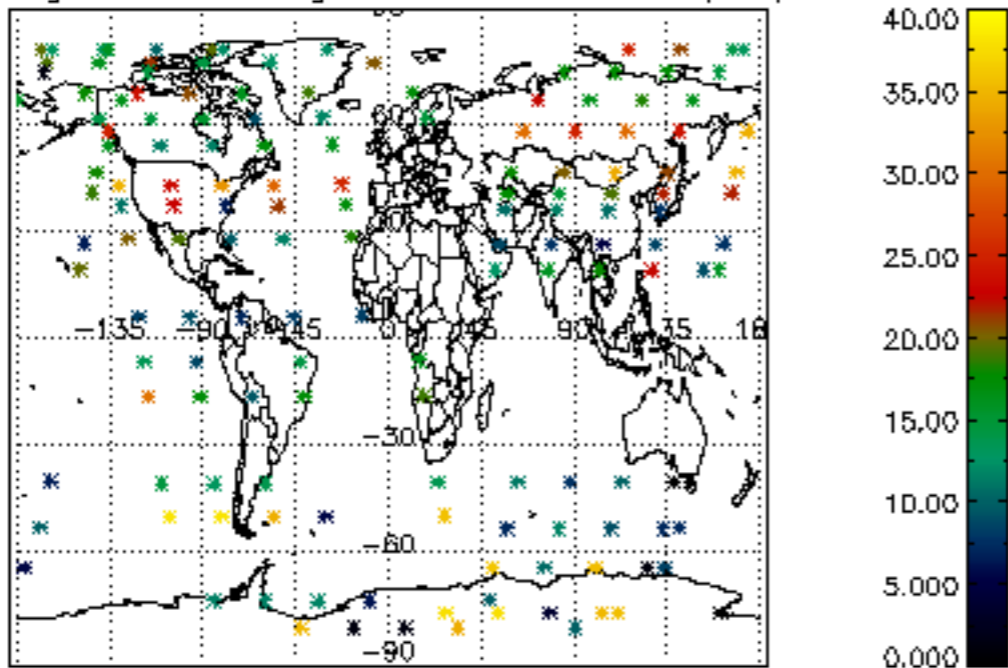
Percentage of cosmic ray hits per profile



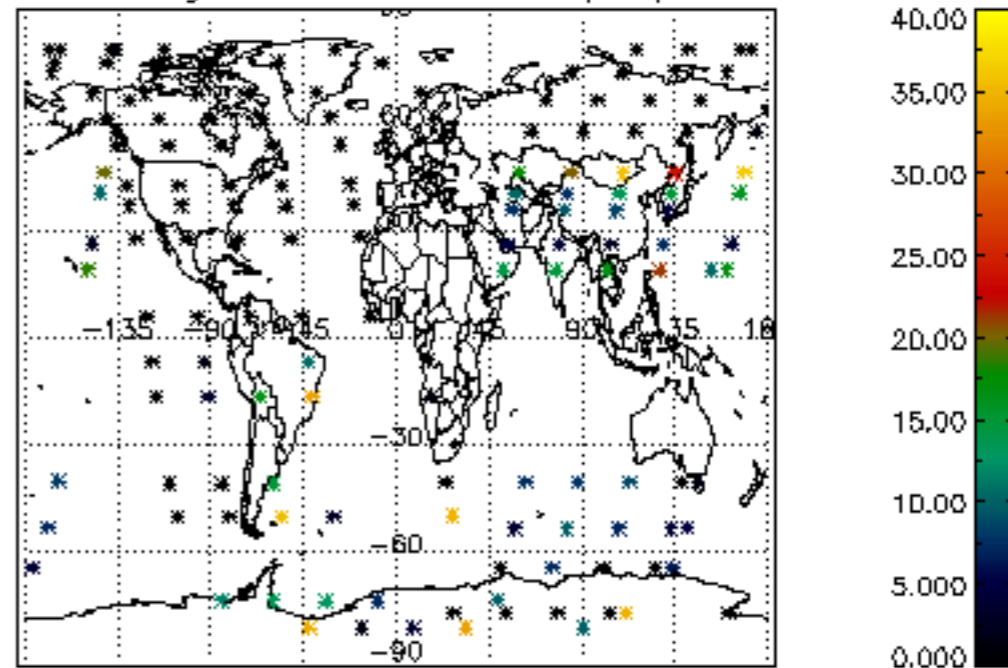
Percentage of datation errors per profile



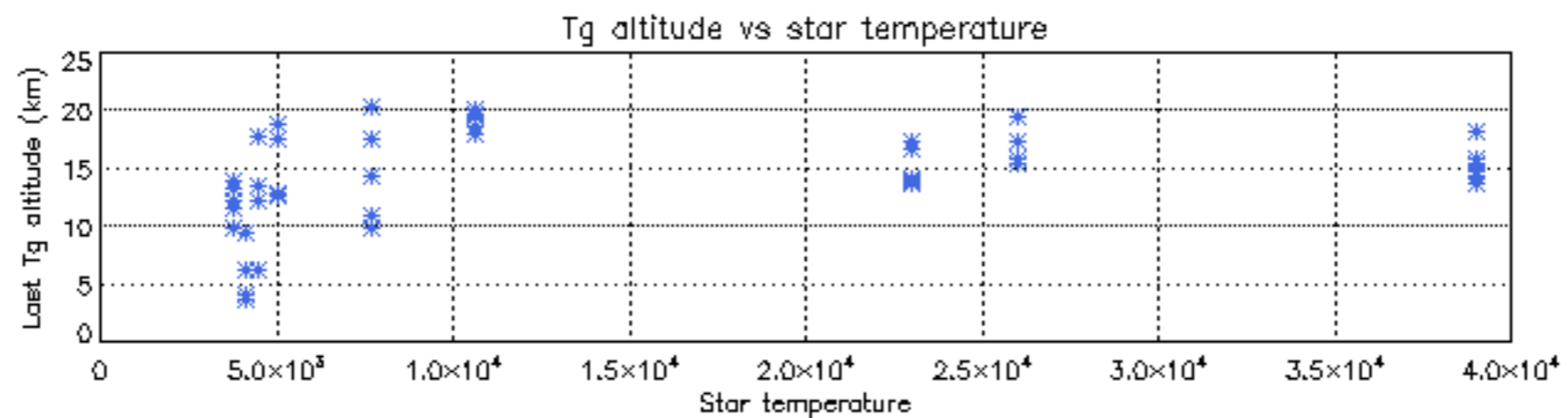
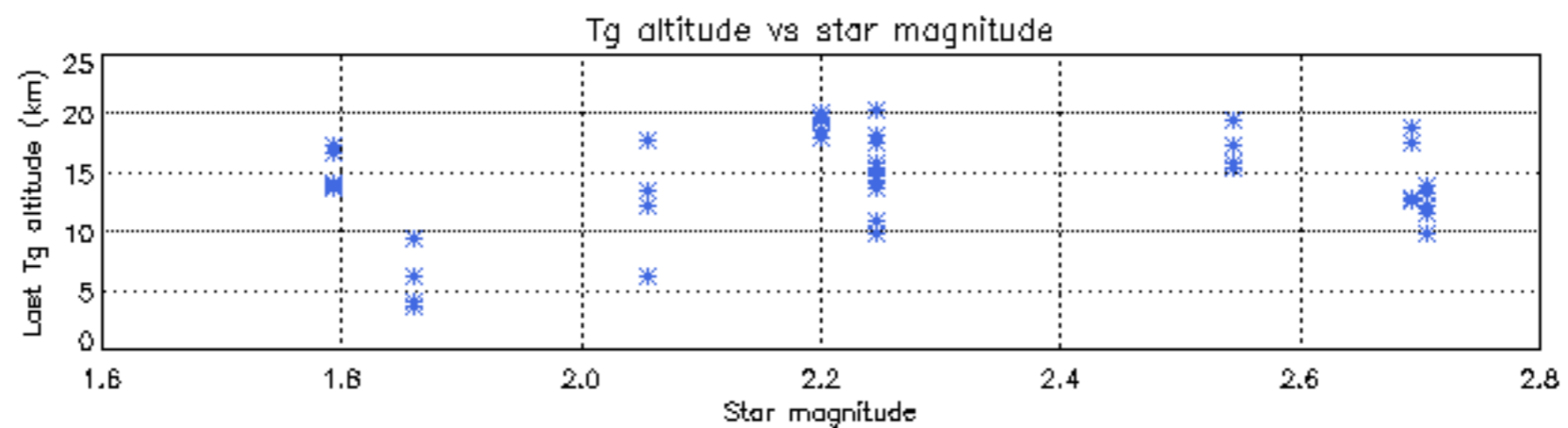
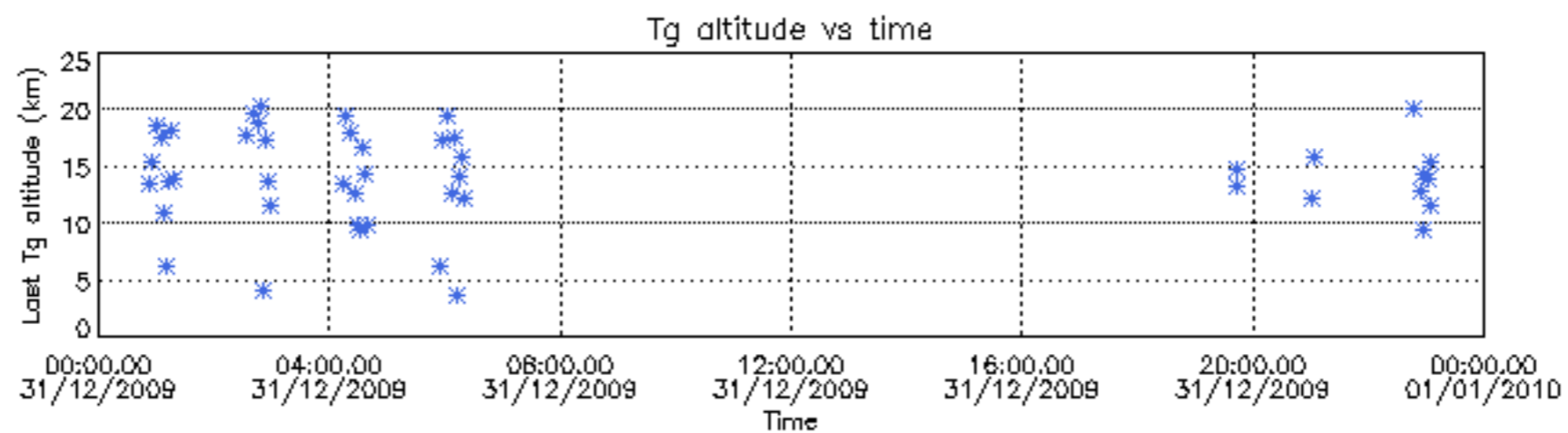
Percentage of star falling outside central band per profile



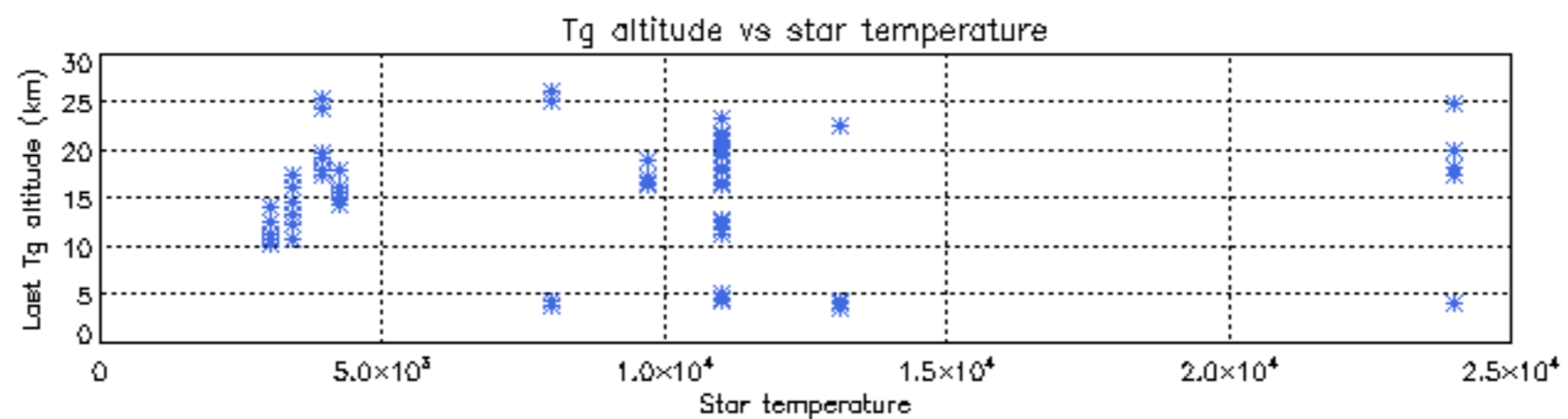
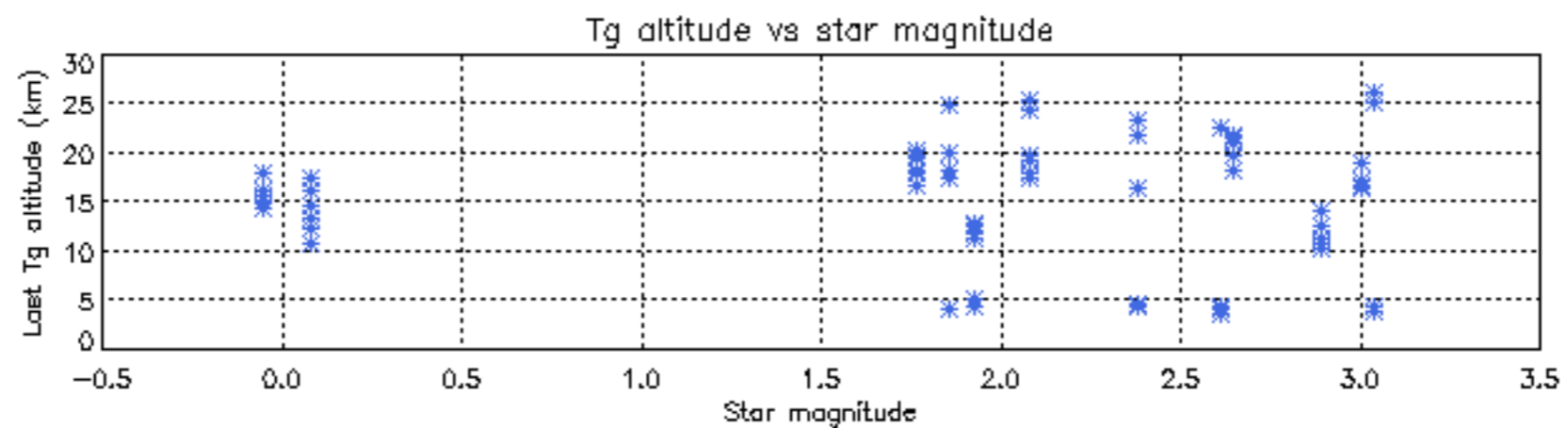
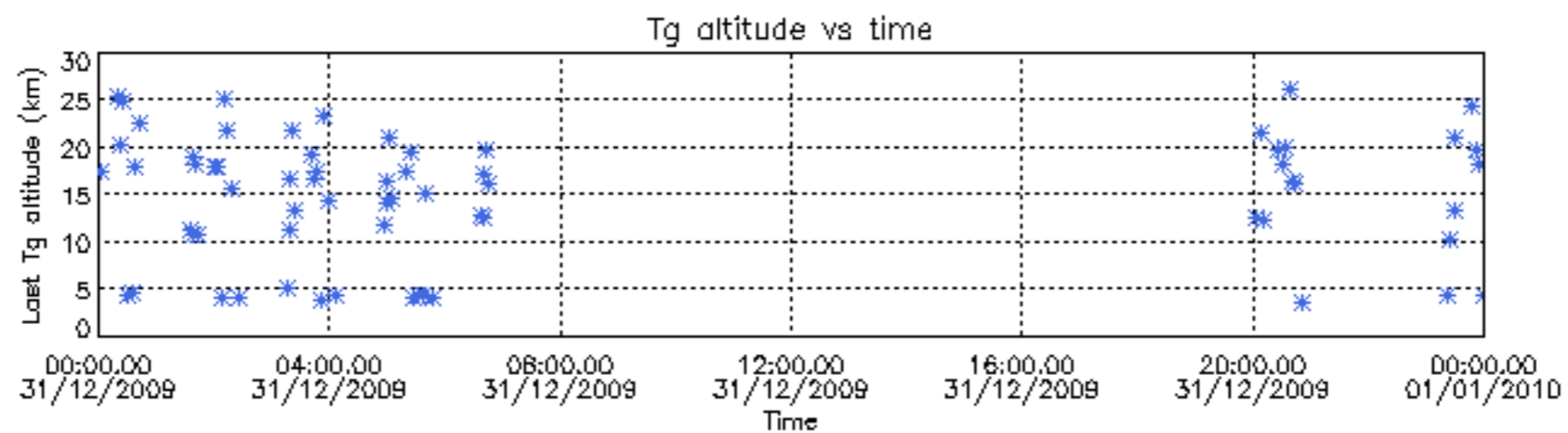
Percentage of saturation errors per profile

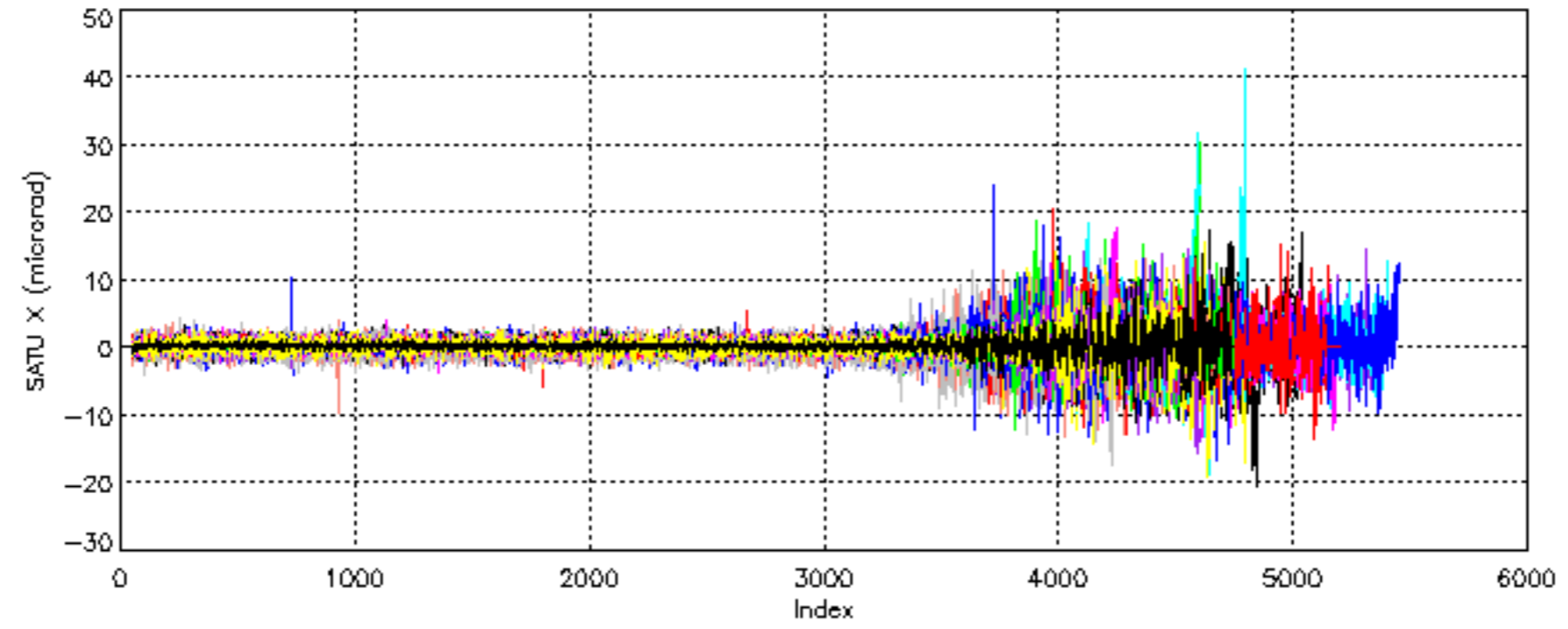


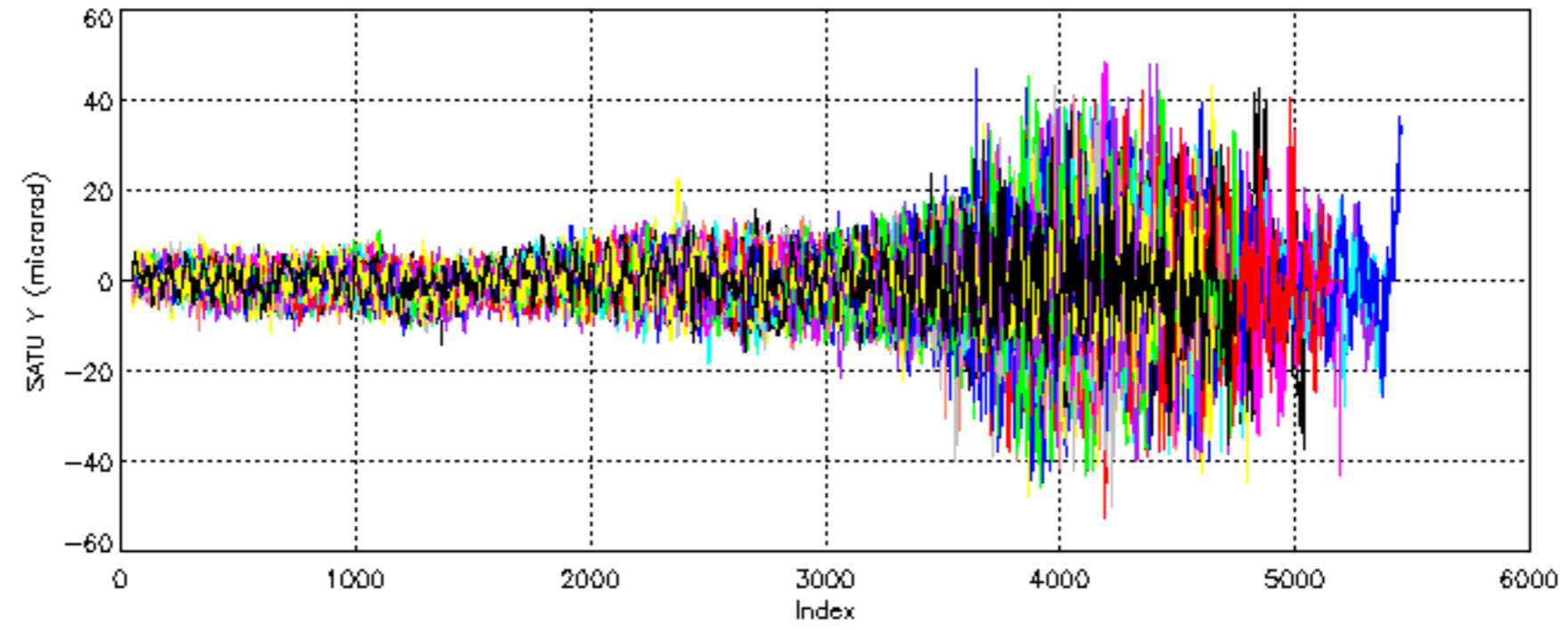
Tangent altitude at which the star is lost

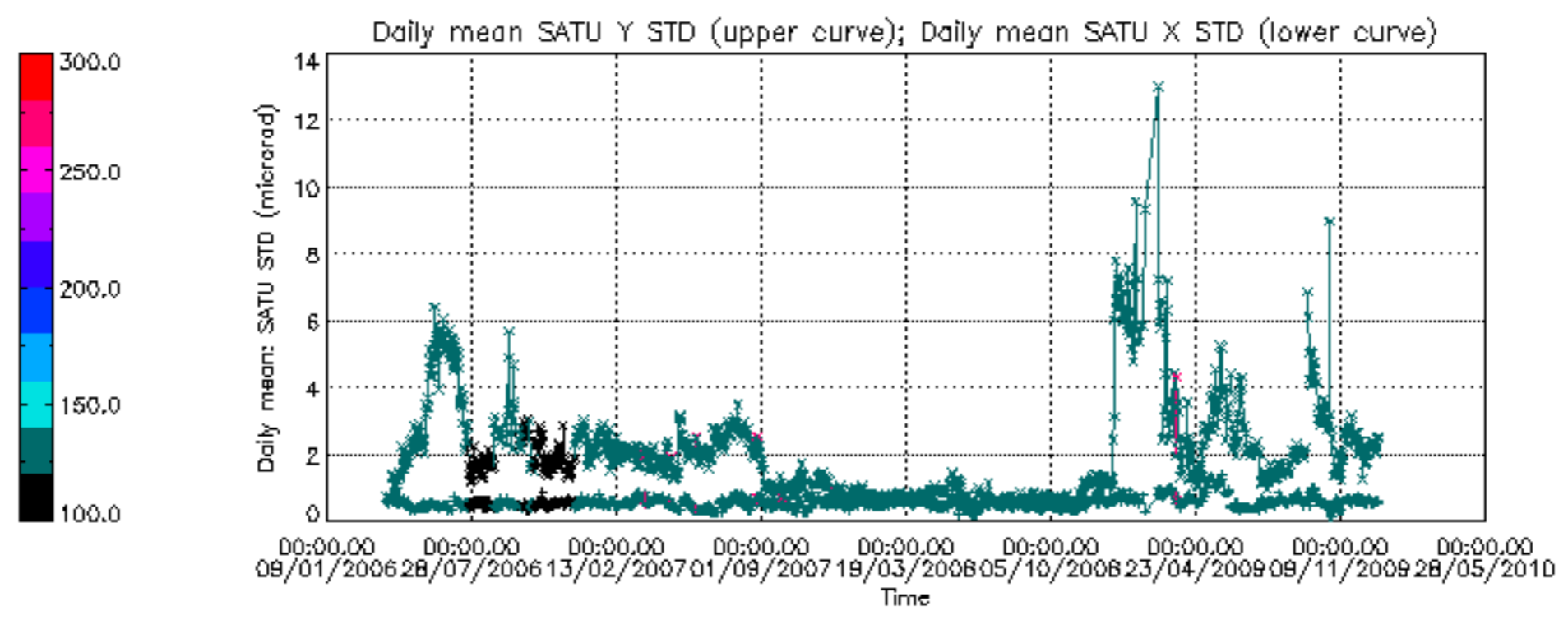


Tangent altitude at which the star is lost









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 4; 407.7; 01-DEC-2009 01:47:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40538
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 7; 919.9; 01-DEC-2009 01:56:01; Dark ; 62.0; 117; Pi Pup ; 2.71; 3800;occ; 124; 0;40538
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 14; 2328.4; 01-DEC-2009 02:19:29; Bright; 39.0; 146; 25Eta Tau ; 2.87; 15200;occ; 78; 0;40538
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 18; 2957.0; 01-DEC-2009 02:29:58; Bright; 51.0; 42; 34Bet Aur ; 1.90; 10200;occ; 102; 0;40538
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13; 3913.1; 01-DEC-2009 21:12:29; Bright; 46.5; 82; 48Bet UMA ; 2.37; 10600;occ; 93; 0;40549
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 24; 7057.0; 10-DEC-2009 13:59:07; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;40673
 25; 7204.3; 10-DEC-2009 14:01:35; Dark ; 59.0; 88; 31Eta CMA ; 2.45; 20000;occ; 118; 0;40673
 26; 7306.3; 10-DEC-2009 14:03:17; Dark ; 62.0; 37; 25Del CMA ; 1.83; 5900;occ; 124; 0;40673
 27; 7561.9; 10-DEC-2009 14:07:32; Dark ; 40.0; 47; 2Bet CMA ; 1.98; 28000;occ; 80; 0;40673

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 2; 1748.1; 10-DEC-2009 14:11:14; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;40674
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 11; 3997.6; 10-DEC-2009 14:48:44; Bright; 38.5; 32; 77Eps UMA ; 1.76; 11000;occ; 77; 0;40674
 12; 4140.8; 10-DEC-2009 14:51:07; Bright; 35.5; 39; 85Eta UMA ; 1.85; 24000;occ; 71; 0;40674
 13; 4354.1; 10-DEC-2009 14:54:40; Bright; 56.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 113; 0;40674
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 17; 5483.9; 10-DEC-2009 15:13:30; Dark ; 43.5; 169; 46Gam Hya ; 2.99; 4700;occ; 87; 0;40674
 18; 5591.5; 10-DEC-2009 15:15:18; Dark ; 54.0; 100; 4Gam Crv ; 2.58; 13100;occ; 108; 0;40674
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 22; 6755.8; 10-DEC-2009 15:34:42; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;40674

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 9; 2771.9; 10-DEC-2009 16:08:54; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;40675
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11; 3857.1; 10-DEC-2009 16:26:59; Bright; 52.0; 82; 48Bet UMa ; 2.37; 10600;occ; 104; 0;40675
12; 3997.6; 10-DEC-2009 16:29:20; Bright; 45.0; 32; 77Eps UMa ; 1.76; 11000;occ; 90; 0;40675
13; 4140.4; 10-DEC-2009 16:31:43; Bright; 48.0; 39; 85Eta UMa ; 1.85; 24000;occ; 96; 0;40675
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16; 4922.8; 10-DEC-2009 16:44:45; Bright; 67.0; 138; 47Eps Vir ; 2.83; 4700;occ; 134; 0;40675
17; 5276.4; 10-DEC-2009 16:50:39; Dark ; 59.0; 15; 67Alp Vir ; 0.98; 28000;occ; 118; 0;40675
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22; 6556.6; 10-DEC-2009 17:11:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40675
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13; 3997.4; 10-DEC-2009 18:09:56; Bright; 46.5; 32; 77Eps UMa ; 1.76; 11000;occ; 93; 0;40676
14; 4140.6; 10-DEC-2009 18:12:19; Bright; 41.0; 39; 85Eta UMa ; 1.85; 24000;occ; 82; 0;40676
15; 4353.9; 10-DEC-2009 18:15:52; Bright; 39.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 79; 0;40676
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20; 5593.8; 10-DEC-2009 18:36:32; Dark ; 50.0; 100; 4Gam Crv ; 2.58; 13100;occ; 100; 0;40676
21; 5690.1; 10-DEC-2009 18:38:08; Dark ; 49.5; 171; 2Eps Crv ; 3.00; 4250;occ; 99; 0;40676
22; 6239.5; 10-DEC-2009 18:47:18; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;40676
23; 6557.4; 10-DEC-2009 18:52:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40676
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 13; 3855.9; 10-DEC-2009 19:48:10; Bright; 50.5; 82; 48Bet UMa ; 2.37; 10600;occ; 101; 0;40677
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 21; 5594.9; 10-DEC-2009 20:17:09; Dark ; 53.0; 100; 4Gam Crv ; 2.58; 13100;occ; 106; 0;40677
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 23; 6240.2; 10-DEC-2009 20:27:54; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;40677
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 11; 2197.7; 11-DEC-2009 00:22:20; Dark ; 51.0; 13; 87Alp Tau ; 0.87; 3800;occ; 102; 0;40680
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 7; 724.4; 11-DEC-2009 01:38:22; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;40681
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 9; 1025.5; 11-DEC-2009 01:43:23; Dark ; 57.5; 117; Pi Pup ; 2.71; 3800;occ; 115; 0;40681
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 12; 1748.1; 11-DEC-2009 01:55:26; Dark ; 48.0; 7; 19Bet Ori ; 0.10; 14000;occ; 96; 0;40681
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 5; -1110.1; 11-DEC-2009 02:48:24; Bright; 67.0; 138; 47Eps Vir ; 2.83; 4700;occ; 134; 0;40681
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 7; -547.5; 11-DEC-2009 02:57:46; Dark ; 44.5; 169; 46Gam Hya ; 2.99; 4700;occ; 89; 0;40681
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 28; 7784.0; 11-DEC-2009 08:37:50; Dark ; 49.0; 7; 19Bet Ori ; 0.10; 14000;occ; 98; 0;40684

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20091211_083755_000058442085_00050_40685_5739.N1

1; 1753.6; 11-DEC-2009 08:37:55; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 11;40685
 2; 1894.1; 11-DEC-2009 08:40:16; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;40685
 3; 2040.4; 11-DEC-2009 08:42:42; Dark ; 51.0; 27; 24Gam Ori ; 1.64; 26000;occ; 102; 0;40685
 4; 2197.1; 11-DEC-2009 08:45:19; Dark ; 56.0; 13; 87Alp Tau ; 0.87; 3800;occ; 112; 0;40685
 5; 2451.3; 11-DEC-2009 08:49:33; Bright; 37.5; 150; 44Zet Per ; 2.89; 28000;occ; 75; 0;40685
 6; 2591.4; 11-DEC-2009 08:51:53; Bright; 36.0; 149; 45Eps Per ; 2.89; 30000;occ; 72; 0;40685
 7; 2767.4; 11-DEC-2009 08:54:49; Bright; 60.0; 6; 13Alp Aur ; 0.08; 3400;occ; 120; 0;40685
 8; 3761.9; 11-DEC-2009 09:11:24; Bright; 52.0; 36; 50Alp UMa ; 1.80; 6300;occ; 104; 0;40685
 9; 3995.8; 11-DEC-2009 09:15:18; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;40685
 10; 4140.1; 11-DEC-2009 09:17:42; Bright; 41.5; 39; 85Eta UMa ; 1.85; 24000;occ; 83; 0;40685
 11; 4331.5; 11-DEC-2009 09:20:53; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;40685
 12; 4710.8; 11-DEC-2009 09:27:13; Bright; 57.0; 111; 8Eta Boo ; 2.68; 6000;occ; 114; 0;40685
 13; 4928.1; 11-DEC-2009 09:30:50; Bright; 67.0; 138; 47Eps Vir ; 2.83; 4700;occ; 134; 0;40685
 14; 5282.3; 11-DEC-2009 09:36:44; Dark ; 54.0; 15; 67Alp Vir ; 0.98; 28000;occ; 108; 0;40685
 15; 5491.0; 11-DEC-2009 09:40:13; Dark ; 46.0; 169; 46Gam Hya ; 2.99; 4700;occ; 92; 0;40685
 16; 5604.0; 11-DEC-2009 09:42:06; Dark ; 55.0; 100; 4Gam Crv ; 2.58; 13100;occ; 110; 0;40685
 17; 5700.3; 11-DEC-2009 09:43:42; Dark ; 58.5; 171; 2Eps Crv ; 3.00; 4250;occ; 117; 0;40685
 18; 5937.3; 11-DEC-2009 09:47:39; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;40685
 19; 6030.3; 11-DEC-2009 09:49:12; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;40685
 20; 6247.2; 11-DEC-2009 09:52:49; Dark ; 44.0; 113; Mu Vel ; 2.69; 5000;occ; 88; 0;40685
 21; 6491.5; 11-DEC-2009 09:56:53; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40685
 22; 6564.3; 11-DEC-2009 09:58:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40685
 23; 6764.1; 11-DEC-2009 10:01:26; Dark ; 52.0; 34; Gam2Vel ; 1.79; 23000;occ; 104; 0;40685
 24; 6913.6; 11-DEC-2009 10:03:55; Dark ; 46.0; 2; Alp Car ; -0.74; 7000;occ; 92; 0;40685
 25; 7064.5; 11-DEC-2009 10:06:26; Dark ; 55.0; 117; Pi Pup ; 2.71; 3800;occ; 110; 0;40685
 26; 7269.8; 11-DEC-2009 10:09:52; Dark ; 55.0; 23; 21Eps CMa ; 1.50; 26000;occ; 110; 0;40685
 27; 7563.8; 11-DEC-2009 10:14:46; Dark ; 34.5; 47; 2Bet CMa ; 1.98; 28000;occ; 69; 0;40685

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20091211_101512_000060442085_00051_40686_5740.N1

1; 1553.9; 11-DEC-2009 10:15:12; Dark ; 35.0; 47; 2Bet CMa ; 1.98; 28000;occ; 70; 52;40686

2; 1748.0; 11-DEC-2009 10:18:26; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;40686
3; 1893.9; 11-DEC-2009 10:20:52; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;40686
4; 2040.2; 11-DEC-2009 10:23:18; Dark ; 51.0; 27; 24Gam Ori ; 1.64; 26000;occ; 102; 0;40686
5; 2196.9; 11-DEC-2009 10:25:55; Dark ; 49.0; 13; 87Alp Tau ; 0.87; 3800;occ; 98; 0;40686
6; 2355.8; 11-DEC-2009 10:28:33; Bright; 46.0; 176; 23Zet Tau ; 3.02; 22000;occ; 92; 0;40686
7; 2477.3; 11-DEC-2009 10:30:35; Bright; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;40686
8; 2591.4; 11-DEC-2009 10:32:29; Bright; 53.0; 149; 45Eps Per ; 2.89; 30000;occ; 106; 0;40686
9; 2766.9; 11-DEC-2009 10:35:25; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;40686
10; 3761.5; 11-DEC-2009 10:51:59; Bright; 43.5; 36; 50Alp UMa ; 1.80; 6300;occ; 87; 0;40686
11; 3995.5; 11-DEC-2009 10:55:53; Bright; 41.5; 32; 77Eps UMa ; 1.76; 11000;occ; 83; 0;40686
12; 4140.3; 11-DEC-2009 10:58:18; Bright; 56.0; 39; 85Eta UMa ; 1.85; 24000;occ; 112; 0;40686
13; 4331.5; 11-DEC-2009 11:01:29; Bright; 46.5; 180; 27Gam Boo ; 3.04; 8000;occ; 93; 0;40686
14; 4711.2; 11-DEC-2009 11:07:49; Bright; 57.0; 111; 8Eta Boo ; 2.68; 6000;occ; 114; 0;40686
15; 4928.6; 11-DEC-2009 11:11:26; Bright; 50.5; 138; 47Eps Vir ; 2.83; 4700;occ; 101; 0;40686
16; 5283.0; 11-DEC-2009 11:17:21; Dark ; 50.5; 15; 67Alp Vir ; 0.98; 28000;occ; 101; 0;40686
17; 5491.5; 11-DEC-2009 11:20:49; Dark ; 45.5; 169; 46Gam Hya ; 2.99; 4700;occ; 91; 0;40686
18; 5605.0; 11-DEC-2009 11:22:43; Dark ; 56.0; 100; 4Gam Crv ; 2.58; 13100;occ; 112; 0;40686
19; 5701.3; 11-DEC-2009 11:24:19; Dark ; 55.5; 171; 2Eps Crv ; 3.00; 4250;occ; 111; 0;40686
20; 5937.8; 11-DEC-2009 11:28:15; Dark ; 38.5; 64; Gam Cen ; 2.20; 10600;occ; 77; 0;40686
21; 6030.9; 11-DEC-2009 11:29:49; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;40686
22; 6248.0; 11-DEC-2009 11:33:26; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;40686
23; 6492.1; 11-DEC-2009 11:37:30; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40686
24; 6565.1; 11-DEC-2009 11:38:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40686
25; 6764.9; 11-DEC-2009 11:42:03; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;40686
26; 6913.8; 11-DEC-2009 11:44:32; Dark ; 49.5; 2; Alp Car ; -0.74; 7000;occ; 99; 0;40686
27; 7065.4; 11-DEC-2009 11:47:03; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;40686
28; 7270.1; 11-DEC-2009 11:50:28; Dark ; 56.0; 23; 21Eps CMa ; 1.50; 26000;occ; 112; 0;40686
29; 7563.9; 11-DEC-2009 11:55:22; Dark ; 34.5; 47; 2Bet CMa ; 1.98; 28000;occ; 69; 0;40686

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1; 1547.5; 11-DEC-2009 11:55:41; Dark ; 35.0; 47; 2Bet CMa ; 1.98; 28000;occ; 70; 39;40687
2; 1748.0; 11-DEC-2009 11:59:02; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;40687
3; 1893.6; 11-DEC-2009 12:01:27; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;40687
4; 2040.0; 11-DEC-2009 12:03:54; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;40687
5; 2196.8; 11-DEC-2009 12:06:30; Dark ; 47.5; 13; 87Alp Tau ; 0.87; 3800;occ; 95; 0;40687
6; 2355.6; 11-DEC-2009 12:09:09; Bright; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;40687
7; 2476.9; 11-DEC-2009 12:11:10; Bright; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;40687
8; 2591.1; 11-DEC-2009 12:13:05; Bright; 36.5; 149; 45Eps Per ; 2.89; 30000;occ; 73; 0;40687
9; 2766.6; 11-DEC-2009 12:16:00; Bright; 42.5; 6; 13Alp Aur ; 0.08; 3400;occ; 85; 0;40687
10; 3760.8; 11-DEC-2009 12:32:34; Bright; 43.0; 36; 50Alp UMa ; 1.80; 6300;occ; 86; 0;40687
11; 3995.2; 11-DEC-2009 12:36:29; Bright; 38.5; 32; 77Eps UMa ; 1.76; 11000;occ; 77; 0;40687
12; 4140.1; 11-DEC-2009 12:38:54; Bright; 47.5; 39; 85Eta UMa ; 1.85; 24000;occ; 95; 0;40687
13; 4331.7; 11-DEC-2009 12:42:05; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;40687
14; 4711.5; 11-DEC-2009 12:48:25; Bright; 57.0; 111; 8Eta Boo ; 2.68; 6000;occ; 114; 0;40687
15; 4929.1; 11-DEC-2009 12:52:03; Bright; 68.0; 138; 47Eps Vir ; 2.83; 4700;occ; 136; 0;40687
16; 5283.6; 11-DEC-2009 12:57:57; Dark ; 49.5; 15; 67Alp Vir ; 0.98; 28000;occ; 99; 0;40687
17; 5492.2; 11-DEC-2009 13:01:26; Dark ; 45.5; 169; 46Gam Hya ; 2.99; 4700;occ; 91; 0;40687
18; 5606.4; 11-DEC-2009 13:03:20; Dark ; 52.5; 100; 4Gam Crv ; 2.58; 13100;occ; 105; 0;40687
19; 5702.6; 11-DEC-2009 13:04:56; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;40687
20; 5938.2; 11-DEC-2009 13:08:52; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;40687
21; 6031.6; 11-DEC-2009 13:10:25; Dark ; 39.5; 99; Del Cen ; 2.58; 26000;occ; 79; 0;40687
22; 6249.0; 11-DEC-2009 13:14:03; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;40687
23; 6492.6; 11-DEC-2009 13:18:06; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40687
24; 6565.9; 11-DEC-2009 13:19:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40687
25; 6765.8; 11-DEC-2009 13:22:39; Dark ; 49.0; 34; Gam2Vel ; 1.79; 23000;occ; 98; 0;40687
26; 6914.5; 11-DEC-2009 13:25:08; Dark ; 50.0; 2; Alp Car ; -0.74; 7000;occ; 100; 0;40687
27; 7066.0; 11-DEC-2009 13:27:40; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;40687
28; 7270.8; 11-DEC-2009 13:31:04; Dark ; 53.0; 23; 21Eps CMa ; 1.50; 26000;occ; 106; 0;40687
29; 7564.3; 11-DEC-2009 13:35:58; Dark ; 40.5; 47; 2Bet CMa ; 1.98; 28000;occ; 81; 0;40687

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1; 1547.4; 11-DEC-2009 13:36:17; Dark ; 41.0; 47; 2Bet CMa ; 1.98; 28000;occ; 82; 38;40688
2; 1748.2; 11-DEC-2009 13:39:38; Dark ; 51.0; 7; 19Bet Ori ; 0.10; 14000;occ; 102; 0;40688
3; 1893.6; 11-DEC-2009 13:42:03; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;40688
4; 2039.8; 11-DEC-2009 13:44:29; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;40688
5; 2196.7; 11-DEC-2009 13:47:06; Dark ; 56.0; 13; 87Alp Tau ; 0.87; 3800;occ; 112; 0;40688
6; 2355.0; 11-DEC-2009 13:49:44; Bright; 47.5; 176; 23Zet Tau ; 3.02; 22000;occ; 95; 0;40688
7; 2476.3; 11-DEC-2009 13:51:46; Bright; 45.0; 28; 12Bet Tau ; 1.65; 15200;occ; 90; 0;40688
8; 2591.1; 11-DEC-2009 13:53:41; Bright; 35.5; 149; 45Eps Per ; 2.89; 30000;occ; 71; 0;40688
9; 2766.3; 11-DEC-2009 13:56:36; Bright; 60.0; 6; 13Alp Aur ; 0.08; 3400;occ; 120; 0;40688

10; 3760.6; 11-DEC-2009 14:13:10; Bright; 46.0; 36; 50Alp UMa ; 1.80; 6300;occ; 92; 0;40688
 11; 3995.1; 11-DEC-2009 14:17:05; Bright; 45.0; 32; 77Eps UMa ; 1.76; 11000;occ; 90; 0;40688
 12; 4140.3; 11-DEC-2009 14:19:30; Bright; 36.0; 39; 85Eta UMa ; 1.85; 24000;occ; 72; 0;40688
 13; 4332.0; 11-DEC-2009 14:22:41; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;40688
 14; 4711.8; 11-DEC-2009 14:29:01; Bright; 57.0; 111; 8Eta Boo ; 2.68; 6000;occ; 114; 0;40688
 15; 4929.8; 11-DEC-2009 14:32:39; Bright; 68.0; 138; 47Eps Vir ; 2.83; 4700;occ; 136; 0;40688
 16; 5230.2; 11-DEC-2009 14:37:40; Dark ; 56.0; 121; 29Gam Vir ; 2.74; 7200;occ; 112; 0;40688
 17; 5492.8; 11-DEC-2009 14:42:02; Dark ; 45.0; 169; 46Gam Hya ; 2.99; 4700;occ; 90; 0;40688
 18; 5607.5; 11-DEC-2009 14:43:57; Dark ; 50.5; 100; 4Gam Crv ; 2.58; 13100;occ; 101; 0;40688
 19; 5703.8; 11-DEC-2009 14:45:33; Dark ; 58.5; 171; 2Eps Crv ; 3.00; 4250;occ; 117; 0;40688
 20; 5939.1; 11-DEC-2009 14:49:29; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;40688
 21; 6032.3; 11-DEC-2009 14:51:02; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;40688
 22; 6249.9; 11-DEC-2009 14:54:39; Dark ; 43.5; 113; Mu Vel ; 2.69; 5000;occ; 87; 0;40688
 23; 6493.4; 11-DEC-2009 14:58:43; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;40688
 24; 6566.7; 11-DEC-2009 14:59:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40688
 25; 6766.5; 11-DEC-2009 15:03:16; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;40688
 26; 6915.0; 11-DEC-2009 15:05:44; Dark ; 46.0; 2; Alp Car ; -0.74; 7000;occ; 92; 0;40688
 27; 7066.6; 11-DEC-2009 15:08:16; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 0;40688
 28; 7271.4; 11-DEC-2009 15:11:41; Dark ; 57.5; 23; 21Eps CMA ; 1.50; 26000;occ; 115; 0;40688

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20091211_151634_000057992085_00054_40689_5743.N1

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 2; 1748.2; 11-DEC-2009 15:20:14; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;40689
 3; 1893.6; 11-DEC-2009 15:22:39; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;40689
 4; 2039.6; 11-DEC-2009 15:25:05; Dark ; 49.0; 27; 24Gam Ori ; 1.64; 26000;occ; 98; 0;40689
 5; 2196.8; 11-DEC-2009 15:27:42; Dark ; 48.0; 13; 87Alp Tau ; 0.87; 3800;occ; 96; 0;40689
 6; 2354.6; 11-DEC-2009 15:30:20; Bright; 46.5; 176; 23Zet Tau ; 3.02; 22000;occ; 93; 0;40689
 7; 2475.9; 11-DEC-2009 15:32:21; Bright; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;40689
 8; 2591.1; 11-DEC-2009 15:34:16; Bright; 37.0; 149; 45Eps Per ; 2.89; 30000;occ; 74; 0;40689
 9; 2765.9; 11-DEC-2009 15:37:11; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;40689
 10; 3760.3; 11-DEC-2009 15:53:46; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;40689
 11; 3995.0; 11-DEC-2009 15:57:40; Bright; 46.5; 32; 77Eps UMa ; 1.76; 11000;occ; 93; 0;40689
 12; 4140.4; 11-DEC-2009 16:00:06; Bright; 56.0; 39; 85Eta UMa ; 1.85; 24000;occ; 112; 0;40689
 13; 4332.3; 11-DEC-2009 16:03:18; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;40689
 14; 4712.0; 11-DEC-2009 16:09:37; Bright; 39.5; 111; 8Eta Boo ; 2.68; 6000;occ; 79; 0;40689
 15; 4930.8; 11-DEC-2009 16:13:16; Bright; 47.0; 138; 47Eps Vir ; 2.83; 4700;occ; 94; 0;40689
 16; 5231.2; 11-DEC-2009 16:18:17; Dark ; 56.0; 121; 29Gam Vir ; 2.74; 7200;occ; 112; 0;40689
 17; 5493.6; 11-DEC-2009 16:22:39; Dark ; 46.0; 169; 46Gam Hya ; 2.99; 4700;occ; 92; 0;40689
 18; 5608.8; 11-DEC-2009 16:24:34; Dark ; 54.0; 100; 4Gam Crv ; 2.58; 13100;occ; 108; 0;40689
 19; 5705.1; 11-DEC-2009 16:26:10; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;40689
 20; 5939.6; 11-DEC-2009 16:30:05; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;40689
 21; 6033.1; 11-DEC-2009 16:31:38; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;40689
 22; 6250.9; 11-DEC-2009 16:35:16; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40689
 23; 6494.1; 11-DEC-2009 16:39:19; Dark ; 45.0; 71; Iot Car ; 2.25; 7700;occ; 90; 0;40689
 24; 6567.6; 11-DEC-2009 16:40:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40689
 25; 6767.4; 11-DEC-2009 16:43:53; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;40689
 26; 6915.2; 11-DEC-2009 16:46:21; Dark ; 48.5; 2; Alp Car ; -0.74; 7000;occ; 97; 0;40689
 27; 7067.3; 11-DEC-2009 16:48:53; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;40689
 28; 7271.9; 11-DEC-2009 16:52:17; Dark ; 55.5; 23; 21Eps CMA ; 1.50; 26000;occ; 111; 0;40689

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20091211_165237_000058682085_00055_40690_5744.N1

1; 1255.9; 11-DEC-2009 16:52:37; Dark ; 56.0; 23; 21Eps CMA ; 1.50; 26000;occ; 112; 40;40690
 2; 1528.4; 11-DEC-2009 16:57:10; Dark ; 46.0; 47; 2Bet CMA ; 1.98; 28000;occ; 92; 0;40690
 3; 1748.1; 11-DEC-2009 17:00:49; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;40690
 4; 1893.3; 11-DEC-2009 17:03:15; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;40690
 5; 2039.4; 11-DEC-2009 17:05:41; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;40690
 6; 2196.5; 11-DEC-2009 17:08:18; Dark ; 56.0; 13; 87Alp Tau ; 0.87; 3800;occ; 112; 0;40690
 7; 2354.0; 11-DEC-2009 17:10:55; Bright; 48.0; 176; 23Zet Tau ; 3.02; 22000;occ; 96; 0;40690
 8; 2475.3; 11-DEC-2009 17:12:57; Bright; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;40690
 9; 2591.0; 11-DEC-2009 17:14:52; Bright; 36.0; 149; 45Eps Per ; 2.89; 30000;occ; 72; 0;40690
 10; 2765.3; 11-DEC-2009 17:17:47; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;40690
 11; 3759.4; 11-DEC-2009 17:34:21; Bright; 44.5; 36; 50Alp UMa ; 1.80; 6300;occ; 89; 0;40690
 12; 3994.9; 11-DEC-2009 17:38:16; Bright; 51.0; 32; 77Eps UMa ; 1.76; 11000;occ; 102; 0;40690
 13; 4140.1; 11-DEC-2009 17:40:41; Bright; 39.0; 39; 85Eta UMa ; 1.85; 24000;occ; 78; 0;40690
 14; 4332.2; 11-DEC-2009 17:43:54; Bright; 42.0; 180; 27Gam Boo ; 3.04; 8000;occ; 84; 0;40690
 15; 4712.2; 11-DEC-2009 17:50:14; Bright; 38.5; 111; 8Eta Boo ; 2.68; 6000;occ; 77; 0;40690
 16; 4931.3; 11-DEC-2009 17:53:53; Bright; 68.0; 138; 47Eps Vir ; 2.83; 4700;occ; 136; 0;40690
 17; 5232.4; 11-DEC-2009 17:58:54; Dark ; 56.0; 121; 29Gam Vir ; 2.74; 7200;occ; 112; 0;40690
 18; 5494.3; 11-DEC-2009 18:03:16; Dark ; 44.5; 169; 46Gam Hya ; 2.99; 4700;occ; 89; 0;40690
 19; 5610.0; 11-DEC-2009 18:05:11; Dark ; 50.5; 100; 4Gam Crv ; 2.58; 13100;occ; 101; 0;40690

20; 5706.1; 11-DEC-2009 18:06:47; Dark ; 55.5; 171; 2Eps Crv ; 3.00; 4250;occ; 111; 0;40690
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 17; 4939.2; 12-DEC-2009 17:22:24; Bright; 49.5; 138; 47Eps Vir ; 2.83; 4700;occ; 99; 0;40704
 18; 5294.4; 12-DEC-2009 17:28:19; Dark ; 50.0; 15; 67Alp Vir ; 0.98; 28000;occ; 100; 0;40704
 19; 5503.5; 12-DEC-2009 17:31:48; Dark ; 48.0; 169; 46Gam Hya ; 2.99; 4700;occ; 96; 0;40704

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 21; 5722.4; 12-DEC-2009 17:35:27; Dark ; 58.0; 171; 2Eps Crv ; 3.00; 4250;occ; 116; 0;40704
 22; 5948.4; 12-DEC-2009 17:39:13; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;40704
 23; 6042.9; 12-DEC-2009 17:40:47; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;40704
 24; 6263.9; 12-DEC-2009 17:44:28; Dark ; 42.0; 113; Mu Vel ; 2.69; 5000;occ; 84; 0;40704
 25; 6503.7; 12-DEC-2009 17:48:28; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40704
 26; 6579.3; 12-DEC-2009 17:49:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40704
 27; 6778.7; 12-DEC-2009 17:53:03; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;40704
 28; 6921.5; 12-DEC-2009 17:55:26; Dark ; 55.5; 2; Alp Car ; -0.74; 7000;occ; 111; 0;40704
 29; 7076.7; 12-DEC-2009 17:58:01; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 0;40704

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 3; 1748.4; 12-DEC-2009 18:09:49; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;40705
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 5; 2035.7; 12-DEC-2009 18:14:36; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;40705
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 12; 3752.6; 12-DEC-2009 18:43:13; Bright; 44.0; 36; 50Alp UMa ; 1.80; 6300;occ; 88; 0;40705
 13; 3992.3; 12-DEC-2009 18:47:13; Bright; 44.5; 32; 77Eps UMa ; 1.76; 11000;occ; 89; 0;40705
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 23; 6043.6; 12-DEC-2009 19:21:24; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;40705
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 28; 6921.9; 12-DEC-2009 19:36:03; Dark ; 29.0; 2; Alp Car ; -0.74; 7000;occ; 58; 0;40705

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 6; 1890.9; 12-DEC-2009 19:52:47; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;40706
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 19; 4940.2; 12-DEC-2009 20:43:37; Bright; 53.5; 138; 47Eps Vir ; 2.83; 4700;occ; 107; 0;40706

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13; 1243.7; 12-DEC-2009 21:22:36; Dark ; 55.0; 23; 21Eps CMA ; 1.50; 26000;occ; 110; 0;40707
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15; 1748.4; 12-DEC-2009 21:31:01; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;40707
16; 1890.6; 12-DEC-2009 21:33:23; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;40707
17; 2035.2; 12-DEC-2009 21:35:48; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;40707
18; 2194.4; 12-DEC-2009 21:38:27; Dark ; 47.0; 13; 87Alp Tau ; 0.87; 3800;occ; 94; 0;40707
19; 2345.0; 12-DEC-2009 21:40:57; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;40707
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21; 2589.5; 12-DEC-2009 21:45:02; Bright; 37.5; 149; 45Eps Per ; 2.89; 30000;occ; 75; 0;40707
22; 2694.5; 12-DEC-2009 21:46:47; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;40707
23; 2822.1; 12-DEC-2009 21:48:55; Bright; 66.0; 42; 34Bet Aur ; 1.90; 10200;occ; 132; 0;40707
24; 3751.7; 12-DEC-2009 22:04:24; Bright; 48.0; 36; 50Alp UMa ; 1.80; 6300;occ; 96; 0;40707
25; 3991.9; 12-DEC-2009 22:08:24; Bright; 45.0; 32; 77Eps UMa ; 1.76; 11000;occ; 90; 0;40707
26; 4139.7; 12-DEC-2009 22:10:52; Bright; 57.0; 39; 85Eta UMa ; 1.85; 24000;occ; 114; 0;40707
27; 4333.8; 12-DEC-2009 22:14:06; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;40707
28; 4716.9; 12-DEC-2009 22:20:29; Bright; 39.0; 111; 8Eta Boo ; 2.68; 6000;occ; 78; 0;40707
29; 4940.7; 12-DEC-2009 22:24:13; Bright; 54.0; 138; 47Eps Vir ; 2.83; 4700;occ; 108; 0;40707
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3; -405.7; 12-DEC-2009 22:35:43; Dark ; 53.5; 100; 4Gam Crv ; 2.58; 13100;occ; 107; 0;40707
4; -309.6; 12-DEC-2009 22:37:19; Dark ; 63.0; 171; 2Eps Crv ; 3.00; 4250;occ; 126; 0;40707
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16; 1890.4; 12-DEC-2009 23:13:59; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;40708
17; 2035.0; 12-DEC-2009 23:16:23; Dark ; 51.0; 27; 24Gam Ori ; 1.64; 26000;occ; 102; 0;40708
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21; 2589.7; 12-DEC-2009 23:25:38; Bright; 36.5; 149; 45Eps Per ; 2.89; 30000;occ; 73; 0;40708
22; 2693.9; 12-DEC-2009 23:27:22; Bright; 66.0; 107; 37The Aur ; 2.65; 11000;occ; 132; 0;40708
23; 2821.5; 12-DEC-2009 23:29:30; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;40708
24; 3751.3; 12-DEC-2009 23:45:00; Bright; 43.0; 36; 50Alp UMa ; 1.80; 6300;occ; 86; 0;40708
25; 3991.3; 12-DEC-2009 23:49:00; Bright; 44.0; 32; 77Eps UMa ; 1.76; 11000;occ; 88; 0;40708
26; 4139.5; 12-DEC-2009 23:51:28; Bright; 38.0; 39; 85Eta UMa ; 1.85; 24000;occ; 76; 0;40708
27; 4334.0; 12-DEC-2009 23:54:42; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;40708
28; 4717.3; 13-DEC-2009 00:01:06; Bright; 38.5; 111; 8Eta Boo ; 2.68; 6000;occ; 77; 0;40708
29; 4941.2; 13-DEC-2009 00:04:50; Bright; 70.0; 138; 47Eps Vir ; 2.83; 4700;occ; 140; 0;40708
30; 5296.7; 13-DEC-2009 00:10:45; Dark ; 48.0; 15; 67Alp Vir ; 0.98; 28000;occ; 96; 0;40708

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3; -308.5; 13-DEC-2009 00:17:56; Dark ; 57.5; 171; 2Eps Crv ; 3.00; 4250;occ; 115; 0;40708
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9; 745.4; 13-DEC-2009 00:35:30; Dark ; 52.0; 34; Gam2Vel ; 1.79; 23000;occ; 104; 0;40709
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13; 1531.0; 13-DEC-2009 00:48:35; Dark ; 52.5; 47; 2Bet CMA ; 1.98; 28000;occ; 105; 0;40709
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23; 3750.6; 13-DEC-2009 01:25:35; Bright; 49.0; 36; 50Alp UMa ; 1.80; 6300;occ; 98; 0;40709
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13; 4334.7; 13-DEC-2009 11:38:55; Bright; 54.0; 180; 27Gam Boo ; 3.04; 8000;occ; 108; 0;40715
14; 4719.4; 13-DEC-2009 11:45:19; Bright; 39.0; 111; 8Eta Boo ; 2.68; 6000;occ; 78; 0;40715
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27; 6932.1; 14-DEC-2009 13:31:11; Dark ; 47.5; 2; Alp Car ; -0.74; 7000;occ; 95; 0;40730
28; 7092.1; 14-DEC-2009 13:33:51; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;40730
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23; 6289.5; 14-DEC-2009 18:22:16; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;40733

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 27; 7107.4; 16-DEC-2009 10:50:17; Dark ; 53.0; 117; Pi Pup ; 2.71; 3800;occ; 106; 0;40757
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13; 4338.9; 16-DEC-2009 13:25:20; Bright; 55.0; 180; 27Gam Boo ; 3.04; 8000;occ; 110; 0;40759
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27; 6946.4; 16-DEC-2009 14:08:48; Dark ; 52.0; 70; Zet Pup ; 2.25; 39000;occ; 104; 0;40759
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3; 1884.5; 16-DEC-2009 14:25:02; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;40760
4; 2072.0; 16-DEC-2009 14:28:09; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;40760
5; 2189.9; 16-DEC-2009 14:30:07; Dark ; 49.5; 13; 87Alp Tau ; 0.87; 3800;occ; 99; 0;40760
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8; 2659.9; 16-DEC-2009 14:37:57; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;40760

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 12; 4137.1; 16-DEC-2009 15:02:34; Bright; 47.0; 39; 85Eta UMa ; 1.85; 24000;occ; 94; 0;40760
 13; 4339.2; 16-DEC-2009 15:05:56; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;40760
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26; 7313.7; 18-DEC-2009 11:31:05; Dark ; 51.0; 23; 21Eps CMA ; 1.50; 26000;occ; 102; 0;40786
27; 7418.8; 18-DEC-2009 11:32:50; Dark ; 53.5; 179; 240mi2CMA ; 3.03; 24000;occ; 107; 0;40786
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13; 4537.1; 18-DEC-2009 12:25:25; Bright; 55.0; 83; ; 2.38; 11000;occ; 110; 0;40787
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23; 6837.7; 18-DEC-2009 13:03:45; Dark ; 53.0; 34; Gam2Vel ; 1.79; 23000;occ; 106; 0;40787
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27; 7418.7; 18-DEC-2009 13:13:26; Dark ; 52.5; 179; 240mi2CMA ; 3.03; 24000;occ; 105; 0;40787
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3; 1882.1; 18-DEC-2009 13:21:46; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;40788
4; 2063.5; 18-DEC-2009 13:24:47; Dark ; 56.5; 14; 58Alp Ori ; 0.87; 3000;occ; 113; 0;40788
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6; 2311.4; 18-DEC-2009 13:28:55; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;40788
7; 2435.0; 18-DEC-2009 13:30:58; Bright; 44.0; 28; 12Bet Tau ; 1.65; 15200;occ; 88; 0;40788
8; 2643.4; 18-DEC-2009 13:34:27; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;40788
9; 2774.9; 18-DEC-2009 13:36:38; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;40788
10; 3703.8; 18-DEC-2009 13:52:07; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;40788
11; 3974.1; 18-DEC-2009 13:56:37; Bright; 44.5; 32; 77Eps UMa ; 1.76; 11000;occ; 89; 0;40788
12; 4135.2; 18-DEC-2009 13:59:19; Bright; 45.0; 39; 85Eta UMa ; 1.85; 24000;occ; 90; 0;40788
13; 4341.1; 18-DEC-2009 14:02:45; Bright; 56.0; 180; 27Gam Boo ; 3.04; 8000;occ; 112; 0;40788
14; 4537.2; 18-DEC-2009 14:06:01; Bright; 41.5; 83; ; 2.38; 11000;occ; 83; 0;40788
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16; 5354.8; 18-DEC-2009 14:19:38; Dark ; 56.0; 15; 67Alp Vir ; 0.98; 28000;occ; 112; 0;40788
17; 5565.5; 18-DEC-2009 14:23:09; Dark ; 47.5; 169; 46Gam Hya ; 2.99; 4700;occ; 95; 0;40788
18; 5728.0; 18-DEC-2009 14:25:51; Dark ; 53.0; 106; 9Bet Crv ; 2.65; 5600;occ; 106; 0;40788

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 22; 6555.5; 18-DEC-2009 14:39:39; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40788
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 25; 6967.6; 18-DEC-2009 14:46:31; Dark ; 51.0; 70; Zet Pup ; 2.25; 39000;occ; 102; 0;40788
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 27; 7314.3; 18-DEC-2009 14:52:18; Dark ; 51.5; 23; 21Eps CMA ; 1.50; 26000;occ; 103; 0;40788
 28; 7419.3; 18-DEC-2009 14:54:03; Dark ; 52.0; 179; 240mi2CMA ; 3.03; 24000;occ; 104; 0;40788

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 13; 4135.1; 18-DEC-2009 15:39:54; Bright; 39.5; 39; 85Eta UMa ; 1.85; 24000;occ; 79; 0;40789
 14; 4341.2; 18-DEC-2009 15:43:21; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;40789
 15; 4537.6; 18-DEC-2009 15:46:37; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;40789
 16; 4742.7; 18-DEC-2009 15:50:02; Bright; 43.5; 111; 8Eta Boo ; 2.68; 6000;occ; 87; 0;40789
 17; 5355.7; 18-DEC-2009 16:00:15; Dark ; 52.0; 15; 67Alp Vir ; 0.98; 28000;occ; 104; 0;40789
 18; 5566.4; 18-DEC-2009 16:03:46; Dark ; 50.0; 169; 46Gam Hya ; 2.99; 4700;occ; 100; 0;40789
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 22; 6339.6; 18-DEC-2009 16:16:39; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;40789
 23; 6556.2; 18-DEC-2009 16:20:16; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;40789
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 27; 7125.0; 18-DEC-2009 16:29:44; Dark ; 52.0; 117; Pi Pup ; 2.71; 3800;occ; 104; 0;40789
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 13; 3973.7; 18-DEC-2009 17:17:49; Bright; 63.0; 32; 77Eps UMa ; 1.76; 11000;occ; 126; 0;40790
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 15; 4341.5; 18-DEC-2009 17:23:57; Bright; 56.0; 180; 27Gam Boo ; 3.04; 8000;occ; 112; 0;40790
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 22; 6002.4; 18-DEC-2009 19:32:14; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 0;40791
 23; 6102.9; 18-DEC-2009 19:33:54; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;40791
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 5; 69.1; 19-DEC-2009 00:35:44; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;40795
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 7; 523.3; 19-DEC-2009 00:43:18; Dark ; 47.0; 71; Iot Car ; 2.25; 7700;occ; 94; 0;40795
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 19; 2308.7; 19-DEC-2009 01:13:04; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;40795
 20; 2432.7; 19-DEC-2009 01:15:08; Bright; 42.5; 28; 12Bet Tau ; 1.65; 15200;occ; 85; 0;40795
 21; 2639.5; 19-DEC-2009 01:18:34; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;40795
 22; 2727.1; 19-DEC-2009 01:20:02; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;40795
 23; 3703.2; 19-DEC-2009 01:36:18; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;40795
 24; 3972.3; 19-DEC-2009 01:40:47; Bright; 55.5; 32; 77Eps UMa ; 1.76; 11000;occ; 111; 0;40795
 25; 4134.4; 19-DEC-2009 01:43:29; Bright; 53.5; 39; 85Eta UMa ; 1.85; 24000;occ; 107; 0;40795
 26; 4341.7; 19-DEC-2009 01:46:57; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;40795
 27; 4538.5; 19-DEC-2009 01:50:13; Bright; 42.0; 83; ; 2.38; 11000;occ; 84; 0;40795
 28; 4744.6; 19-DEC-2009 01:53:40; Bright; 42.5; 111; 8Eta Boo ; 2.68; 6000;occ; 85; 0;40795

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 5; 69.7; 19-DEC-2009 02:16:21; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;40796
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 7; 523.7; 19-DEC-2009 02:23:55; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40796
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 13; 1385.5; 19-DEC-2009 02:38:16; Dark ; 51.0; 179; 240mi2CMa ; 3.03; 24000;occ; 102; 0;40796
 14; 1559.8; 19-DEC-2009 02:41:11; Dark ; 59.0; 1; 9Alp CMa ; -1.44; 11000;occ; 118; 0;40796
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 16; 1881.3; 19-DEC-2009 02:46:32; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;40796
 17; 2061.4; 19-DEC-2009 02:49:32; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;40796
 18; 2188.2; 19-DEC-2009 02:51:39; Dark ; 53.0; 13; 87Alp Tau ; 0.87; 3800;occ; 106; 0;40796
 19; 2308.6; 19-DEC-2009 02:53:39; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;40796
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 21; 2639.1; 19-DEC-2009 02:59:10; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;40796
 22; 2726.8; 19-DEC-2009 03:00:38; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;40796

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 4;-1693.9; 19-DEC-2009 03:27:33; Bright; 36.0; 180; 27Gam Boo ; 3.04; 8000;occ; 72; 0;40796
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 12; 309.8; 19-DEC-2009 04:00:57; Dark ; 48.5; 113; Mu Vel ; 2.69; 5000;occ; 97; 0;40797
 13; 524.4; 19-DEC-2009 04:04:31; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40797
 14; 612.0; 19-DEC-2009 04:05:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40797
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 16; 937.4; 19-DEC-2009 04:11:24; Dark ; 48.5; 70; Zet Pup ; 2.25; 39000;occ; 97; 0;40797
 17; 1092.5; 19-DEC-2009 04:13:59; Dark ; 51.0; 117; Pi Pup ; 2.71; 3800;occ; 102; 0;40797
 18; 1281.8; 19-DEC-2009 04:17:09; Dark ; 52.0; 23; 21Eps CMa ; 1.50; 26000;occ; 104; 0;40797
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 20; 1560.0; 19-DEC-2009 04:21:47; Dark ; 56.0; 1; 9Alp CMa ; -1.44; 11000;occ; 112; 0;40797
 21; 1752.2; 19-DEC-2009 04:24:59; Dark ; 45.5; 7; 19Bet Ori ; 0.10; 14000;occ; 91; 0;40797
 22; 1881.8; 19-DEC-2009 04:27:09; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;40797
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 25; 2308.3; 19-DEC-2009 04:34:15; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;40797
 26; 2432.2; 19-DEC-2009 04:36:19; Bright; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;40797
 27; 2638.7; 19-DEC-2009 04:39:46; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;40797
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 29; 3703.6; 19-DEC-2009 04:57:30; Bright; 21.5; 60; 7Bet UMi ; 2.08; 3950;occ; 43; 0;40797

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 4;-1693.5; 19-DEC-2009 05:08:09; Bright; 45.0; 180; 27Gam Boo ; 3.04; 8000;occ; 90; 0;40797
 5;-1497.1; 19-DEC-2009 05:11:26; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;40797
 6;-1290.6; 19-DEC-2009 05:14:52; Bright; 43.5; 111; 8Eta Boo ; 2.68; 6000;occ; 87; 0;40797
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 9; -297.3; 19-DEC-2009 05:31:26; Dark ; 52.0; 106; 9Bet Crv ; 2.65; 5600;occ; 104; 0;40797
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 12; 310.8; 19-DEC-2009 05:41:34; Dark ; 54.5; 113; Mu Vel ; 2.69; 5000;occ; 109; 0;40798
 13; 525.1; 19-DEC-2009 05:45:08; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;40798
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 17; 1092.8; 19-DEC-2009 05:54:36; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;40798
 18; 1282.0; 19-DEC-2009 05:57:45; Dark ; 50.5; 23; 21Eps CMa ; 1.50; 26000;occ; 101; 0;40798
 19; 1386.2; 19-DEC-2009 05:59:29; Dark ; 51.5; 179; 240mi2CMa ; 3.03; 24000;occ; 103; 0;40798
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 21; 1752.1; 19-DEC-2009 06:05:35; Dark ; 46.5; 7; 19Bet Ori ; 0.10; 14000;occ; 93; 0;40798
 22; 1881.5; 19-DEC-2009 06:07:44; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;40798
 23; 2061.0; 19-DEC-2009 06:10:44; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;40798
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 25; 2308.0; 19-DEC-2009 06:14:51; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;40798


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3; 1285.4; 19-DEC-2009 21:03:12; Dark ; 50.5; 23; 21Eps CMa ; 1.50; 26000;occ; 101; 0;40807
4; 1388.8; 19-DEC-2009 21:04:55; Dark ; 50.5; 179; 240mi2CMa ; 3.03; 24000;occ; 101; 0;40807
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6; 1752.7; 19-DEC-2009 21:10:59; Dark ; 45.5; 7; 19Bet Ori ; 0.10; 14000;occ; 91; 0;40807
7; 1880.8; 19-DEC-2009 21:13:07; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;40807
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9; 2188.1; 19-DEC-2009 21:18:14; Dark ; 47.0; 13; 87Alp Tau ; 0.87; 3800;occ; 94; 0;40807
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15; 3969.3; 19-DEC-2009 21:47:56; Bright; 42.0; 32; 77Eps UMa ; 1.76; 11000;occ; 84; 0;40807
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17; 4342.6; 19-DEC-2009 21:54:09; Bright; 53.0; 180; 27Gam Boo ; 3.04; 8000;occ; 106; 0;40807
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3; -285.2; 19-DEC-2009 22:17:37; Dark ; 54.0; 106; 9Bet Crv ; 2.65; 5600;occ; 108; 0;40807
4; -22.8; 19-DEC-2009 22:21:59; Dark ; 48.0; 64; Gam Cen ; 2.20; 10600;occ; 96; 0;40807
5; 78.6; 19-DEC-2009 22:23:41; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;40808
6; 319.9; 19-DEC-2009 22:27:42; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;40808
7; 531.2; 19-DEC-2009 22:31:13; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;40808
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13; 1389.0; 19-DEC-2009 22:45:31; Dark ; 49.0; 179; 240mi2CMa ; 3.03; 24000;occ; 98; 0;40808
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16; 1880.7; 19-DEC-2009 22:53:43; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;40808
17; 2058.1; 19-DEC-2009 22:56:40; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;40808
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19; 2304.9; 19-DEC-2009 23:00:47; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;40808
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23; 3702.7; 19-DEC-2009 23:24:05; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;40808
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25; 4133.0; 19-DEC-2009 23:31:15; Bright; 59.0; 39; 85Eta UMa ; 1.85; 24000;occ; 118; 0;40808
26; 4343.0; 19-DEC-2009 23:34:45; Bright; 50.5; 180; 27Gam Boo ; 3.04; 8000;occ; 101; 0;40808
27; 4540.8; 19-DEC-2009 23:38:03; Bright; 55.0; 83; ; 2.38; 11000;occ; 110; 0;40808
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3; -284.0; 19-DEC-2009 23:58:14; Dark ; 51.5; 106; 9Bet Crv ; 2.65; 5600;occ; 103; 0;40808
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5; 79.3; 20-DEC-2009 00:04:17; Dark ; 46.5; 99; Del Cen ; 2.58; 26000;occ; 93; 0;40809
6; 320.8; 20-DEC-2009 00:08:19; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40809
7; 531.7; 20-DEC-2009 00:11:50; Dark ; 49.0; 71; Iot Car ; 2.25; 7700;occ; 98; 0;40809
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9; 815.6; 20-DEC-2009 00:16:34; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;40809
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11; 1098.3; 20-DEC-2009 00:21:16; Dark ; 51.0; 117; Pi Pup ; 2.71; 3800;occ; 102; 0;40809
12; 1285.9; 20-DEC-2009 00:24:24; Dark ; 49.5; 23; 21Eps CMa ; 1.50; 26000;occ; 99; 0;40809
13; 1389.3; 20-DEC-2009 00:26:07; Dark ; 49.0; 179; 240mi2CMa ; 3.03; 24000;occ; 98; 0;40809
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11; 4129.9; 22-DEC-2009 15:13:58; Bright; 40.5; 39; 85Eta UMa ; 1.85; 24000;occ; 81; 0;40846
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13; 4548.0; 22-DEC-2009 15:20:56; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;40846
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16; 5682.5; 22-DEC-2009 15:39:50; Dark ; 47.5; 54; 5The Cen ; 2.06; 4500;occ; 95; 0;40846
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23; 6772.6; 22-DEC-2009 15:58:00; Dark ; 66.5; 65; Lam Vel ; 2.20; 4400;occ; 133; 0;40846
24; 6876.2; 22-DEC-2009 15:59:44; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;40846
25; 7007.1; 22-DEC-2009 16:01:55; Dark ; 49.5; 70; Zet Pup ; 2.25; 39000;occ; 99; 0;40846
26; 7152.8; 22-DEC-2009 16:04:20; Dark ; 50.0; 117; Pi Pup ; 2.71; 3800;occ; 100; 0;40846
27; 7335.7; 22-DEC-2009 16:07:23; Dark ; 48.0; 23; 21Eps CMA ; 1.50; 26000;occ; 96; 0;40846

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3; 1300.6; 22-DEC-2009 21:09:12; Dark ; 50.0; 23; 21Eps CMA ; 1.50; 26000;occ; 100; 0;40850
4; 1401.2; 22-DEC-2009 21:10:53; Dark ; 51.0; 179; 240mi2CMA ; 3.03; 24000;occ; 102; 0;40850
5; 1566.0; 22-DEC-2009 21:13:38; Dark ; 56.0; 1; 9Alp CMA ; -1.44; 11000;occ; 112; 0;40850
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9; 2292.7; 22-DEC-2009 21:25:44; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;40850
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13; 3700.9; 22-DEC-2009 21:49:12; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;40850
14; 3957.4; 22-DEC-2009 21:53:29; Bright; 49.0; 32; 77Eps UMa ; 1.76; 11000;occ; 98; 0;40850
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17; 4548.5; 22-DEC-2009 22:03:20; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;40850
18; 4764.9; 22-DEC-2009 22:06:56; Bright; 64.5; 111; 8Eta Boo ; 2.68; 6000;occ; 129; 0;40850

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4; 93.1; 22-DEC-2009 22:29:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40851
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6; 556.8; 22-DEC-2009 22:37:24; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40851
7; 663.7; 22-DEC-2009 22:39:11; Dark ; 48.0; 41; Eps Car ; 1.86; 4100;occ; 96; 0;40851
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9; 973.6; 22-DEC-2009 22:44:21; Dark ; 51.0; 70; Zet Pup ; 2.25; 39000;occ; 102; 0;40851
10; 1118.8; 22-DEC-2009 22:46:46; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;40851
11; 1300.9; 22-DEC-2009 22:49:48; Dark ; 50.5; 23; 21Eps CMA ; 1.50; 26000;occ; 101; 0;40851
12; 1401.3; 22-DEC-2009 22:51:29; Dark ; 49.0; 179; 240mi2CMA ; 3.03; 24000;occ; 98; 0;40851
13; 1566.0; 22-DEC-2009 22:54:13; Dark ; 53.0; 1; 9Alp CMA ; -1.44; 11000;occ; 106; 0;40851
14; 1755.6; 22-DEC-2009 22:57:23; Dark ; 46.5; 7; 19Bet Ori ; 0.10; 14000;occ; 93; 0;40851
15; 1879.0; 22-DEC-2009 22:59:26; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;40851
16; 2048.7; 22-DEC-2009 23:02:16; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;40851
17; 2292.5; 22-DEC-2009 23:06:20; Bright; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;40851
18; 2417.2; 22-DEC-2009 23:08:25; Bright; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;40851
19; 2612.3; 22-DEC-2009 23:11:40; Bright; 61.0; 107; 37The Aur ; 2.65; 11000;occ; 122; 0;40851
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22; 3956.9; 22-DEC-2009 23:34:04; Bright; 42.5; 32; 77Eps UMa ; 1.76; 11000;occ; 85; 0;40851
23; 4129.1; 22-DEC-2009 23:36:57; Bright; 61.0; 39; 85Eta UMa ; 1.85; 24000;occ; 122; 0;40851
24; 4345.9; 22-DEC-2009 23:40:33; Bright; 57.0; 180; 27Gam Boo ; 3.04; 8000;occ; 114; 0;40851
25; 4548.7; 22-DEC-2009 23:43:56; Bright; 54.5; 83; ; 2.38; 11000;occ; 109; 0;40851
26; 4765.4; 22-DEC-2009 23:47:33; Bright; 43.5; 111; 8Eta Boo ; 2.68; 6000;occ; 87; 0;40851

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 3; -228.7; 23-DEC-2009 00:04:55; Dark ; 61.0; 106; 9Bet Crv ; 2.65; 5600;occ; 122; 0;40851
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 5; 359.8; 23-DEC-2009 00:14:43; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;40852
 6; 557.3; 23-DEC-2009 00:18:01; Dark ; 43.5; 71; Iot Car ; 2.25; 7700;occ; 87; 0;40852
 7; 664.0; 23-DEC-2009 00:19:47; Dark ; 51.5; 41; Eps Car ; 1.86; 4100;occ; 103; 0;40852
 8; 843.1; 23-DEC-2009 00:22:46; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;40852
 9; 974.1; 23-DEC-2009 00:24:57; Dark ; 49.5; 70; Zet Pup ; 2.25; 39000;occ; 99; 0;40852
 10; 1119.4; 23-DEC-2009 00:27:23; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;40852
 11; 1301.1; 23-DEC-2009 00:30:24; Dark ; 50.0; 23; 21Eps CMA ; 1.50; 26000;occ; 100; 0;40852
 12; 1401.5; 23-DEC-2009 00:32:05; Dark ; 49.0; 179; 240mi2CMA ; 3.03; 24000;occ; 98; 0;40852
 13; 1566.1; 23-DEC-2009 00:34:49; Dark ; 56.5; 1; 9Alp CMA ; -1.44; 11000;occ; 113; 0;40852
 14; 1755.8; 23-DEC-2009 00:37:59; Dark ; 46.0; 7; 19Bet Ori ; 0.10; 14000;occ; 92; 0;40852
 15; 1879.0; 23-DEC-2009 00:40:02; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;40852
 16; 2048.4; 23-DEC-2009 00:42:52; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;40852
 17; 2292.2; 23-DEC-2009 00:46:56; Bright; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;40852
 18; 2417.0; 23-DEC-2009 00:49:00; Bright; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;40852
 19; 2611.8; 23-DEC-2009 00:52:15; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;40852
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 21; 3700.9; 23-DEC-2009 01:10:24; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;40852
 22; 3956.9; 23-DEC-2009 01:14:40; Bright; 47.5; 32; 77Eps UMa ; 1.76; 11000;occ; 95; 0;40852
 23; 4129.0; 23-DEC-2009 01:17:32; Bright; 61.0; 39; 85Eta UMa ; 1.85; 24000;occ; 122; 0;40852
 24; 4346.1; 23-DEC-2009 01:21:09; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;40852
 25; 4549.0; 23-DEC-2009 01:24:32; Bright; 56.0; 83; ; 2.38; 11000;occ; 112; 0;40852
 26; 4765.8; 23-DEC-2009 01:28:09; Bright; 65.5; 111; 8Eta Boo ; 2.68; 6000;occ; 131; 0;40852

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 6; 2049.6; 22-DEC-2009 16:19:53; Dark ; 54.5; 14; 58Alp Ori ; 0.87; 3000;occ; 109; 0;40847
 7; 2293.5; 22-DEC-2009 16:23:57; Bright; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;40847
 8; 2418.3; 22-DEC-2009 16:26:02; Bright; 41.0; 28; 12Bet Tau ; 1.65; 15200;occ; 82; 0;40847
 9; 2614.1; 22-DEC-2009 16:29:18; Bright; 57.5; 107; 37The Aur ; 2.65; 11000;occ; 115; 0;40847
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 12; 3958.5; 22-DEC-2009 16:51:42; Bright; 64.0; 32; 77Eps UMa ; 1.76; 11000;occ; 128; 0;40847
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 19; 5802.2; 22-DEC-2009 17:22:26; Dark ; 64.5; 106; 9Bet Crv ; 2.65; 5600;occ; 129; 0;40847
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 21; 6139.8; 22-DEC-2009 17:28:03; Dark ; 42.0; 26; Gam Cru ; 1.62; 2900;occ; 84; 0;40847
 22; 6392.2; 22-DEC-2009 17:32:16; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;40847
 23; 6591.3; 22-DEC-2009 17:35:35; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40847
 24; 6683.9; 22-DEC-2009 17:37:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40847
 25; 6773.6; 22-DEC-2009 17:38:37; Dark ; 56.0; 65; Lam Vel ; 2.20; 4400;occ; 112; 0;40847
 26; 6876.7; 22-DEC-2009 17:40:20; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;40847
 27; 7007.6; 22-DEC-2009 17:42:31; Dark ; 50.5; 70; Zet Pup ; 2.25; 39000;occ; 101; 0;40847

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 4; 1400.7; 22-DEC-2009 17:49:40; Dark ; 49.5; 179; 240mi2CMA ; 3.03; 24000;occ; 99; 0;40848
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 19; 5407.5; 22-DEC-2009 18:56:27; Dark ; 55.0; 15; 67Alp Vir ; 0.98; 28000;occ; 110; 0;40848
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 21; 5803.4; 22-DEC-2009 19:03:03; Dark ; 56.5; 106; 9Bet Crv ; 2.65; 5600;occ; 113; 0;40848
 22; 6041.7; 22-DEC-2009 19:07:01; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;40848
 23; 6140.3; 22-DEC-2009 19:08:40; Dark ; 43.0; 26; Gam Cru ; 1.62; 2900;occ; 86; 0;40848
 24; 6393.1; 22-DEC-2009 19:12:53; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40848
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 26; 6684.6; 22-DEC-2009 19:17:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40848
 27; 6774.3; 22-DEC-2009 19:19:14; Dark ; 50.0; 65; Lam Vel ; 2.20; 4400;occ; 100; 0;40848
 28; 6877.3; 22-DEC-2009 19:20:57; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;40848

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 5; 1401.0; 22-DEC-2009 19:30:17; Dark ; 47.5; 179; 240mi2CMa ; 3.03; 24000;occ; 95; 0;40849
 6; 1566.1; 22-DEC-2009 19:33:02; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;40849
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 17; 4346.1; 22-DEC-2009 20:19:22; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;40849
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 19; 4764.7; 22-DEC-2009 20:26:20; Bright; 65.0; 111; 8Eta Boo ; 2.68; 6000;occ; 130; 0;40849
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 22; 5804.6; 22-DEC-2009 20:43:40; Dark ; 55.0; 106; 9Bet Crv ; 2.65; 5600;occ; 110; 0;40849
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19; 1402.4; 23-DEC-2009 05:33:54; Dark ; 51.0; 179; 240mi2CMa ; 3.03; 24000;occ; 102; 0;40855
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5; 1405.2; 23-DEC-2009 20:39:20; Dark ; 49.5; 179; 240mi2CMa ; 3.03; 24000;occ; 99; 0;40864
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6; -1269.1; 23-DEC-2009 06:29:58; Bright; 46.5; 111; 8Eta Boo ; 2.68; 6000;occ; 93; 0;40855
7; -622.0; 23-DEC-2009 06:40:45; Dark ; 56.5; 15; 67Alp Vir ; 0.98; 28000;occ; 113; 0;40855
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9; -223.2; 23-DEC-2009 06:47:24; Dark ; 52.0; 106; 9Bet Crv ; 2.65; 5600;occ; 104; 0;40855
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11; 97.4; 23-DEC-2009 06:52:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40856
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17; 1121.2; 23-DEC-2009 07:09:48; Dark ; 49.0; 117; Pi Pup ; 2.71; 3800;occ; 98; 0;40856
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19; 1402.7; 23-DEC-2009 07:14:30; Dark ; 48.5; 179; 240mi2CMA ; 3.03; 24000;occ; 97; 0;40856
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9; 3955.6; 23-DEC-2009 07:57:03; Bright; 46.0; 32; 77Eps UMa ; 1.76; 11000;occ; 92; 0;40856
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19; 6400.3; 23-DEC-2009 08:37:47; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;40856
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22; 6882.3; 23-DEC-2009 08:45:49; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;40856
23; 7013.5; 23-DEC-2009 08:48:01; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;40856
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27; 7602.9; 23-DEC-2009 08:57:50; Dark ; 57.0; 1; 9Alp CMA ; -1.44; 11000;occ; 114; 0;40856
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8; 3700.4; 23-DEC-2009 09:33:23; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;40857
9; 3955.4; 23-DEC-2009 09:37:38; Bright; 44.5; 32; 77Eps UMa ; 1.76; 11000;occ; 89; 0;40857
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11; 4346.9; 23-DEC-2009 09:44:10; Bright; 57.0; 180; 27Gam Boo ; 3.04; 8000;occ; 114; 0;40857
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13; 4768.0; 23-DEC-2009 09:51:11; Bright; 47.5; 111; 8Eta Boo ; 2.68; 6000;occ; 95; 0;40857
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21; 6703.3; 23-DEC-2009 10:23:26; Dark ; 54.5; 41; Eps Car ; 1.86; 4100;occ; 109; 0;40857
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 4; 2047.4; 23-DEC-2009 10:46:26; Dark ; 55.5; 14; 58Alp Ori ; 0.87; 3000;occ; 111; 0;40858
 5; 2290.8; 23-DEC-2009 10:50:30; Bright; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;40858
 6; 2415.7; 23-DEC-2009 10:52:35; Bright; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;40858
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10; 3955.1; 23-DEC-2009 11:18:14; Bright; 47.5; 32; 77Eps UMa ; 1.76; 11000;occ; 95; 0;40858
11; 4128.3; 23-DEC-2009 11:21:07; Bright; 61.0; 39; 85Eta UMa ; 1.85; 24000;occ; 122; 0;40858
12; 4346.9; 23-DEC-2009 11:24:46; Bright; 39.0; 180; 27Gam Boo ; 3.04; 8000;occ; 78; 0;40858
13; 4550.1; 23-DEC-2009 11:28:09; Bright; 57.0; 83; ; 2.38; 11000;occ; 114; 0;40858
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25; 7158.1; 23-DEC-2009 12:11:37; Dark ; 50.5; 117; Pi Pup ; 2.71; 3800;occ; 101; 0;40858
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12; 4347.0; 23-DEC-2009 13:05:22; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;40859
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22; 6704.2; 23-DEC-2009 13:44:39; Dark ; 52.5; 41; Eps Car ; 1.86; 4100;occ; 105; 0;40859
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13; 3954.3; 23-DEC-2009 16:20:01; Bright; 65.0; 32; 77Eps UMa ; 1.76; 11000;occ; 130; 0;40861
14; 4128.1; 23-DEC-2009 16:22:55; Bright; 44.5; 39; 85Eta UMa ; 1.85; 24000;occ; 89; 0;40861
15; 4347.2; 23-DEC-2009 16:26:34; Bright; 46.5; 180; 27Gam Boo ; 3.04; 8000;occ; 93; 0;40861
16; 4550.6; 23-DEC-2009 16:29:57; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;40861
17; 4769.7; 23-DEC-2009 16:33:36; Bright; 46.5; 111; 8Eta Boo ; 2.68; 6000;occ; 93; 0;40861
18; 5419.9; 23-DEC-2009 16:44:27; Dark ; 56.0; 15; 67Alp Vir ; 0.98; 28000;occ; 112; 0;40861
19; 5690.8; 23-DEC-2009 16:48:57; Dark ; 43.5; 54; 5The Cen ; 2.06; 4500;occ; 87; 0;40861
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26; 6885.5; 23-DEC-2009 17:08:52; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;40861
27; 7016.6; 23-DEC-2009 17:11:03; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;40861
28; 7160.0; 23-DEC-2009 17:13:27; Dark ; 3.0; 117; Pi Pup ; 2.71; 3800;occ; 6; 0;40861

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14; 3954.0; 23-DEC-2009 18:00:37; Bright; 46.5; 32; 77Eps UMa ; 1.76; 11000;occ; 93; 0;40862
15; 4128.0; 23-DEC-2009 18:03:31; Bright; 42.5; 39; 85Eta UMa ; 1.85; 24000;occ; 85; 0;40862
16; 4347.2; 23-DEC-2009 18:07:10; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;40862
17; 4550.7; 23-DEC-2009 18:10:33; Bright; 37.0; 83; ; 2.38; 11000;occ; 74; 0;40862

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 19; 5420.9; 23-DEC-2009 18:25:04; Dark ; 55.5; 15; 67Alp Vir ; 0.98; 28000;occ; 111; 0;40862
 20; 5691.1; 23-DEC-2009 18:29:34; Dark ; 44.5; 54; 5The Cen ; 2.06; 4500;occ; 89; 0;40862
 21; 5822.3; 23-DEC-2009 18:31:45; Dark ; 30.0; 106; 9Bet Crv ; 2.65; 5600;occ; 60; 0;40862
 22; 6051.6; 23-DEC-2009 18:35:34; Dark ; 42.5; 64; Gam Cen ; 2.20; 10600;occ; 85; 0;40862
 23; 6139.5; 23-DEC-2009 18:37:02; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40862
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 5; 1404.8; 23-DEC-2009 18:58:43; Dark ; 48.5; 179; 240mi2CMA ; 3.03; 24000;occ; 97; 0;40863
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 16; 4127.8; 23-DEC-2009 19:44:06; Bright; 61.0; 39; 85Eta UMA ; 1.85; 24000;occ; 122; 0;40863
 17; 4347.0; 23-DEC-2009 19:47:46; Bright; 58.0; 180; 27Gam Boo ; 3.04; 8000;occ; 116; 0;40863
 18; 4550.9; 23-DEC-2009 19:51:10; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;40863
 19; 4770.0; 23-DEC-2009 19:54:49; Bright; 66.0; 111; 8Eta Boo ; 2.68; 6000;occ; 132; 0;40863
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 22; 5823.8; 23-DEC-2009 20:12:23; Dark ; 30.0; 106; 9Bet Crv ; 2.65; 5600;occ; 60; 0;40863
 23; 6052.0; 23-DEC-2009 20:16:11; Dark ; 48.0; 64; Gam Cen ; 2.20; 10600;occ; 96; 0;40863
 24; 6140.3; 23-DEC-2009 20:17:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40863
 25; 6406.8; 23-DEC-2009 20:22:05; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;40863
 26; 6600.5; 23-DEC-2009 20:25:19; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40863
 27; 6706.2; 23-DEC-2009 20:27:05; Dark ; 55.5; 41; Eps Car ; 1.86; 4100;occ; 111; 0;40863
 28; 6886.5; 23-DEC-2009 20:30:05; Dark ; 17.0; 34; Gam2Vel ; 1.79; 23000;occ; 34; 0;40863

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 3; -224.5; 24-DEC-2009 01:13:58; Dark ; 45.5; 123; Iot Cen ; 2.75; 10200;occ; 91; 0;40866
 4; 18.5; 24-DEC-2009 01:18:01; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;40867
 5; 107.0; 24-DEC-2009 01:19:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40867
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 9; 852.4; 24-DEC-2009 01:31:55; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;40867
 10; 983.8; 24-DEC-2009 01:34:06; Dark ; 51.5; 70; Zet Pup ; 2.25; 39000;occ; 103; 0;40867
 11; 1126.1; 24-DEC-2009 01:36:28; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;40867
 12; 1306.6; 24-DEC-2009 01:39:29; Dark ; 49.0; 23; 21Eps CMA ; 1.50; 26000;occ; 98; 0;40867
 13; 1405.7; 24-DEC-2009 01:41:08; Dark ; 47.0; 179; 240mi2CMA ; 3.03; 24000;occ; 94; 0;40867
 14; 1568.1; 24-DEC-2009 01:43:50; Dark ; 52.5; 1; 9Alp CMA ; -1.44; 11000;occ; 105; 0;40867
 15; 1757.2; 24-DEC-2009 01:46:59; Dark ; 44.5; 7; 19Bet Ori ; 0.10; 14000;occ; 89; 0;40867
 16; 1878.9; 24-DEC-2009 01:49:01; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;40867
 17; 2045.7; 24-DEC-2009 01:51:48; Dark ; 53.5; 14; 58Alp Ori ; 0.87; 3000;occ; 107; 0;40867
 18; 2288.8; 24-DEC-2009 01:55:51; Bright; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;40867
 19; 2413.3; 24-DEC-2009 01:57:56; Bright; 42.5; 28; 12Bet Tau ; 1.65; 15200;occ; 85; 0;40867
 20; 2605.2; 24-DEC-2009 02:01:07; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;40867
 21; 2709.0; 24-DEC-2009 02:02:51; Bright; 42.0; 6; 13Alp Aur ; 0.08; 3400;occ; 84; 0;40867
 22; 3699.8; 24-DEC-2009 02:19:22; Bright; 41.5; 60; 7Bet UMi ; 2.08; 3950;occ; 83; 0;40867
 23; 3952.3; 24-DEC-2009 02:23:35; Bright; 47.0; 32; 77Eps UMA ; 1.76; 11000;occ; 94; 0;40867
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7; -223.9; 24-DEC-2009 02:54:34; Dark ; 42.5; 123; Iot Cen ; 2.75; 10200;occ; 85; 0;40867
8; 19.2; 24-DEC-2009 02:58:37; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;40868
9; 107.9; 24-DEC-2009 03:00:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40868
10; 374.6; 24-DEC-2009 03:04:33; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40868
11; 566.9; 24-DEC-2009 03:07:45; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40868
12; 672.3; 24-DEC-2009 03:09:31; Dark ; 44.0; 41; Eps Car ; 1.86; 4100;occ; 88; 0;40868
13; 852.9; 24-DEC-2009 03:12:31; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;40868
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15; 1126.6; 24-DEC-2009 03:17:05; Dark ; 49.0; 117; Pi Pup ; 2.71; 3800;occ; 98; 0;40868
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17; 1406.1; 24-DEC-2009 03:21:44; Dark ; 49.5; 179; 240mi2CMa ; 3.03; 24000;occ; 99; 0;40868
18; 1568.0; 24-DEC-2009 03:24:26; Dark ; 54.0; 1; 9Alp CMa ; -1.44; 11000;occ; 108; 0;40868
19; 1757.4; 24-DEC-2009 03:27:36; Dark ; 45.5; 7; 19Bet Ori ; 0.10; 14000;occ; 91; 0;40868
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21; 2045.8; 24-DEC-2009 03:32:24; Dark ; 56.5; 14; 58Alp Ori ; 0.87; 3000;occ; 113; 0;40868
22; 2288.7; 24-DEC-2009 03:36:27; Bright; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;40868
23; 2413.4; 24-DEC-2009 03:38:32; Bright; 40.5; 28; 12Bet Tau ; 1.65; 15200;occ; 81; 0;40868
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25; 2709.1; 24-DEC-2009 03:43:27; Bright; 42.0; 6; 13Alp Aur ; 0.08; 3400;occ; 84; 0;40868

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3; -1908.7; 24-DEC-2009 04:07:05; Bright; 61.0; 39; 85Eta UMa ; 1.85; 24000;occ; 122; 0;40868
4; -1688.7; 24-DEC-2009 04:10:45; Bright; 58.0; 180; 27Gam Boo ; 3.04; 8000;occ; 116; 0;40868
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9; -341.3; 24-DEC-2009 04:33:13; Dark ; 46.0; 54; 5The Cen ; 2.06; 4500;occ; 92; 0;40868
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11; 20.0; 24-DEC-2009 04:39:14; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;40869
12; 108.7; 24-DEC-2009 04:40:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40869
13; 375.4; 24-DEC-2009 04:45:10; Dark ; 56.0; 113; Mu Vel ; 2.69; 5000;occ; 112; 0;40869
14; 567.6; 24-DEC-2009 04:48:22; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;40869
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19; 1307.2; 24-DEC-2009 05:00:41; Dark ; 50.0; 23; 21Eps CMa ; 1.50; 26000;occ; 100; 0;40869
20; 1406.3; 24-DEC-2009 05:02:20; Dark ; 50.0; 179; 240mi2CMa ; 3.03; 24000;occ; 100; 0;40869
21; 1568.2; 24-DEC-2009 05:05:02; Dark ; 53.5; 1; 9Alp CMa ; -1.44; 11000;occ; 107; 0;40869
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24; 2045.5; 24-DEC-2009 05:13:00; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;40869
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26; 2413.1; 24-DEC-2009 05:19:07; Bright; 41.0; 28; 12Bet Tau ; 1.65; 15200;occ; 82; 0;40869
27; 2604.3; 24-DEC-2009 05:22:19; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;40869
28; 2708.8; 24-DEC-2009 05:24:03; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;40869
29; 3699.8; 24-DEC-2009 05:40:34; Bright; 26.0; 60; 7Bet UMi ; 2.08; 3950;occ; 52; 0;40869

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3; -1909.0; 24-DEC-2009 05:47:41; Bright; 43.5; 39; 85Eta UMa ; 1.85; 24000;occ; 87; 0;40869
4; -1688.5; 24-DEC-2009 05:51:22; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;40869
5; -1483.7; 24-DEC-2009 05:54:46; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;40869
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7; -739.6; 24-DEC-2009 06:07:11; Bright; 42.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 85; 0;40869
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11; 20.7; 24-DEC-2009 06:19:51; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;40870
12; 109.6; 24-DEC-2009 06:21:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40870
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24;	6444.9;	26-DEC-2009	18:47:53;	Dark	;	47.5;	113;	Mu Vel	;	2.69;	5000;	occ;	95;	0;	40905
25;	6624.8;	26-DEC-2009	18:50:53;	Dark	;	47.0;	71;	Iot Car	;	2.25;	7700;	occ;	94;	0;	40905
26;	6726.9;	26-DEC-2009	18:52:35;	Dark	;	52.5;	41;	Eps Car	;	1.86;	4100;	occ;	105;	0;	40905
27;	6911.5;	26-DEC-2009	18:55:39;	Dark	;	47.0;	34;	Gam2Vel	;	1.79;	23000;	occ;	94;	0;	40905
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9;	2259.7;	26-DEC-2009	19:18:44;	Dark	;	63.0;	44;	24Gam Gem	;	1.93;	11000;	occ;	126;	0;	40906
10;	2406.2;	26-DEC-2009	19:21:10;	Bright;		38.5;	28;	12Bet Tau	;	1.65;	15200;	occ;	77;	0;	40906
11;	2590.0;	26-DEC-2009	19:24:14;	Bright;		40.0;	107;	37The Aur	;	2.65;	11000;	occ;	80;	0;	40906
12;	2701.7;	26-DEC-2009	19:26:06;	Bright;		43.5;	6;	13Alp Aur	;	0.08;	3400;	occ;	87;	0;	40906
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9; 706.5; 29-DEC-2009 02:12:36; Dark ; 53.5; 41; Eps Car ; 1.86; 4100;occ; 107; 0;40939
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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20091229_044159_000060522085_00305_40940_9225.N1

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11; 3926.4; 29-DEC-2009 11:29:16; Bright; 48.5; 32; 77Eps UMa ; 1.76; 11000;occ; 97; 0;40944
12; 4115.8; 29-DEC-2009 11:32:25; Bright; 48.0; 39; 85Eta UMa ; 1.85; 24000;occ; 96; 0;40944
13; 4351.2; 29-DEC-2009 11:36:20; Bright; 60.0; 180; 27Gam Boo ; 3.04; 8000;occ; 120; 0;40944
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15; 4806.4; 29-DEC-2009 11:43:56; Bright; 33.0; 111; 8Eta Boo ; 2.68; 6000;occ; 66; 0;40944
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22; 6480.2; 29-DEC-2009 12:11:49; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40944
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12; 3925.3; 29-DEC-2009 14:50:26; Bright; 49.0; 32; 77Eps UMa ; 1.76; 11000;occ; 98; 0;40946
13; 4115.4; 29-DEC-2009 14:53:36; Bright; 43.0; 39; 85Eta UMa ; 1.85; 24000;occ; 86; 0;40946
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19; 5743.1; 29-DEC-2009 15:20:44; Dark ; 40.5; 54; 5The Cen ; 2.06; 4500;occ; 81; 0;40946
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22; 6214.5; 29-DEC-2009 15:28:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40946

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26; 6934.2; 29-DEC-2009 15:40:35; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;40946
27; 7066.0; 29-DEC-2009 15:42:47; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;40946
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13; 3694.2; 29-DEC-2009 16:27:11; Bright; 41.0; 60; 7Bet UMi ; 2.08; 3950;occ; 82; 0;40947
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/nas3/ENVISAT/GOMOS/GOM_NL_0P/GOM_NL_0PNPDK20091230_151629_000058672085_00326_40961_5908.N1

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/nas3/ENVISAT/GOMOS/GOM_NL_0P/GOM_NL_0PNPDK20091230_165230_000060462085_00327_40962_5909.N1

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 27; 6656.9; 30-DEC-2009 18:25:33; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40962
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/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20091230_183246_000060282085_00328_40963_5910.N1

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 22; 5754.7; 30-DEC-2009 19:51:07; Dark ; 54.5; 54; 5The Cen ; 2.06; 4500;occ; 109; 0;40963
 23; 5922.0; 30-DEC-2009 19:53:54; Dark ; 39.0; 95; Zet Cen ; 2.55; 26000;occ; 78; 0;40963
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13; 1430.6; 31-DEC-2009 03:02:02; Dark ; 45.5; 179; 24Omi2CMa ; 3.03; 24000;occ; 91; 0;40968
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9; -278.0; 31-DEC-2009 04:14:09; Dark ; 46.0; 54; 5The Cen ; 2.06; 4500;occ; 92; 0;40968
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