

# GOMOS Daily Report 03-DEC-2009

## Level 0 and Level 1 products

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This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM\_TRA\_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	05DEC2009 04:35:33
Data source version	GOMOS/5.00L04
Start time of products	03DEC2009 00:00:22
Stop time of products	03DEC2009 22:17:49
Store outputs in DB	Yes
Nb of level 1b prods	110
Nb of prods with errors	0

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

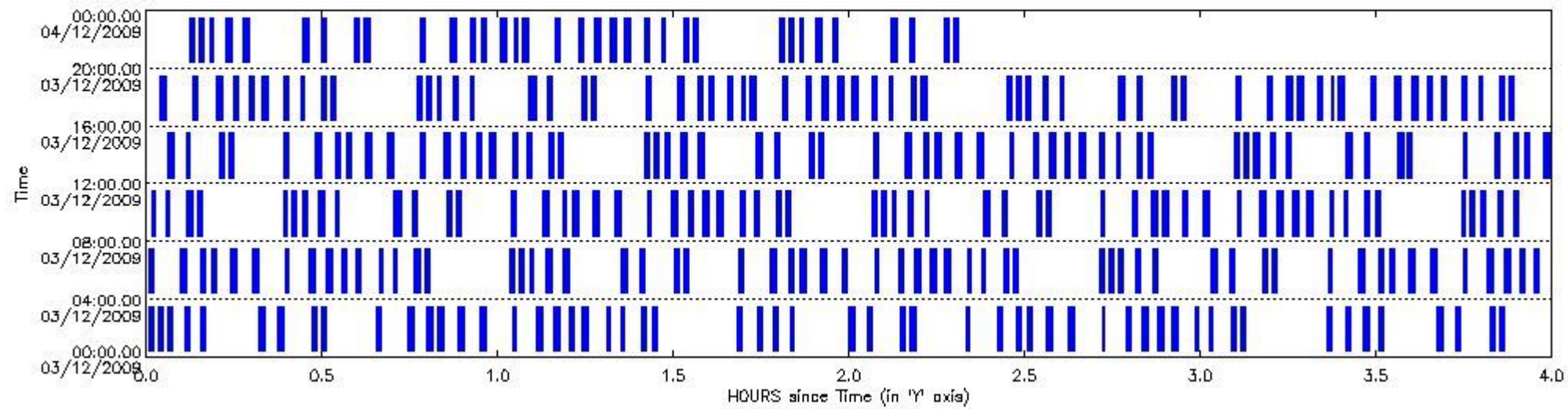
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

No missing products.

### 2.4 Summary of processed GOM\_TRA\_1P products

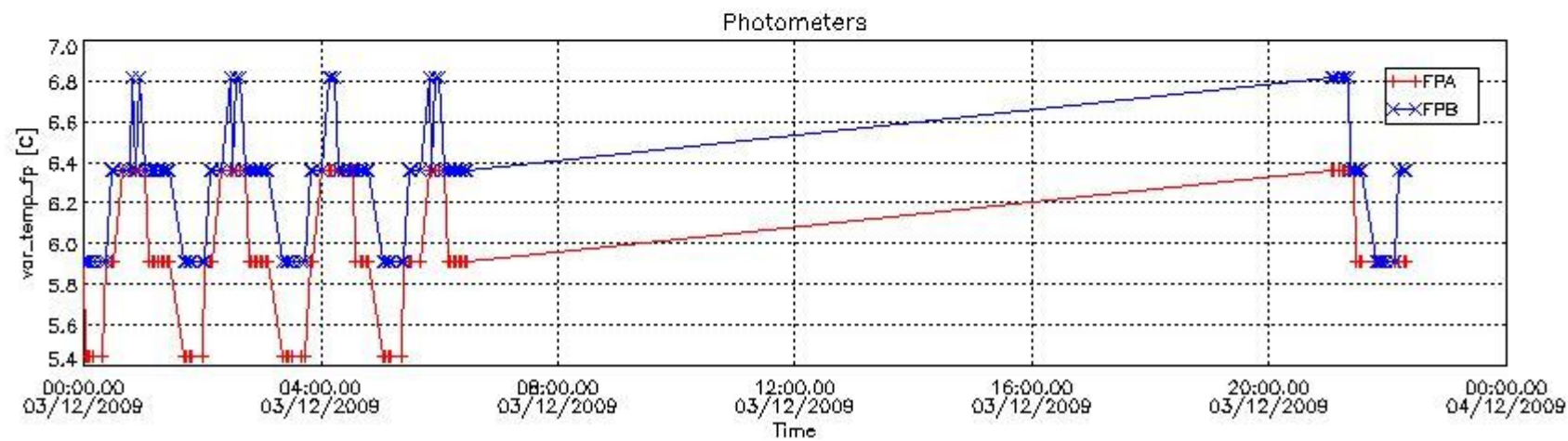
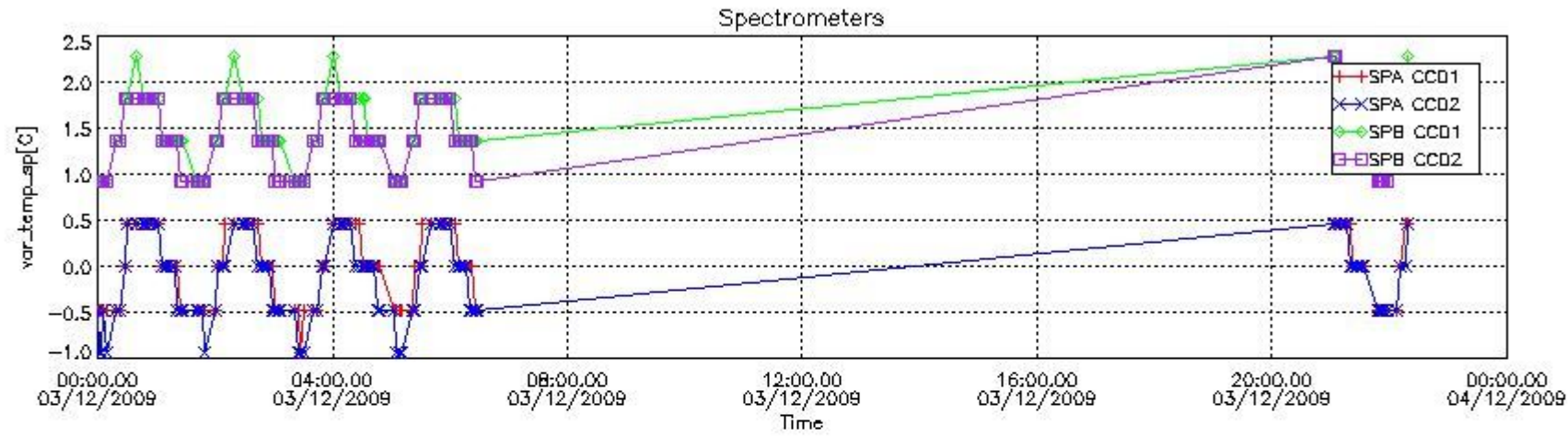
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20091203_000022_000000472084_00431_40565_6033.N1	03-DEC-2009 00:00:22	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40565	No
2	GOM_TRA_1PNPDE20091203_000157_000000482084_00431_40565_6034.N1	03-DEC-2009 00:01:57	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	40565	No
3	GOM_TRA_1PNPDE20091203_000343_000000422084_00431_40565_6035.N1	03-DEC-2009 00:03:43	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	40565	No
4	GOM_TRA_1PNPDE20091203_000631_000000542084_00431_40565_6036.N1	03-DEC-2009 00:06:31	Bright	53.500	174	52Psi UMa	3.0040	4400.0	107	40565	No
5	GOM_TRA_1PNPDE20091203_000920_000000402084_00431_40565_6037.N1	03-DEC-2009 00:09:20	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	40565	No
6	GOM_TRA_1PNPDE20091203_001914_000000652084_00431_40565_6038.N1	03-DEC-2009 00:19:14	Bright	65.000	62	94Bet Leo	2.1360	9700.0	130	40565	No
7	GOM_TRA_1PNPDE20091203_002228_000000532084_00431_40565_6039.N1	03-DEC-2009 00:22:28	Bright	52.500	121	29Gam Vir	2.7400	7200.0	105	40565	No
8	GOM_TRA_1PNPDE20091203_002814_000000502084_00431_40565_6037.N1	03-DEC-2009 00:28:14	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	40565	No
9	GOM_TRA_1PNPDE20091203_002950_000000562084_00431_40565_6038.N1	03-DEC-2009 00:29:50	Dark	56.000	171	2Eps Crv	3.0010	4250.0	112	40565	No
10	GOM_TRA_1PNPDE20091203_003917_000000502084_00432_40566_6039.N1	03-DEC-2009 00:39:17	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	40566	No
11	GOM_TRA_1PNPDE20091203_004757_000000522084_00432_40566_6040.N1	03-DEC-2009 00:47:57	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40566	No
12	GOM_TRA_1PNPDE20091203_004947_000000542084_00432_40566_6041.N1	03-DEC-2009 00:49:47	Dark	54.000	70	Zet Pup	2.2460	39000.	108	40566	No

13	GOM_TRA_1PNPDE20091203_005309_000000602084_00432_40566_6042.N1	03-DEC-2009 00:53:09	Dark	60.000	117	Pi Pup	2.7060	3800.0	120	40566	No
14	GOM_TRA_1PNPDE20091203_005653_000000652084_00432_40566_6043.N1	03-DEC-2009 00:56:53	Dark	65.000	23	21Eps CMa	1.5020	26000.	130	40566	No
15	GOM_TRA_1PNPDE20091203_010236_000000252084_00432_40566_6044.N1	03-DEC-2009 01:02:36	Straylight	25.000	47	2Bet CMa	1.9760	28000.	50	40566	No
16	GOM_TRA_1PNPDE20091203_010637_000000572084_00432_40566_6045.N1	03-DEC-2009 01:06:37	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	40566	No
17	GOM_TRA_1PNPDE20091203_010930_000000612084_00432_40566_6046.N1	03-DEC-2009 01:09:30	Tw_i_and_stray	60.500	30	46Eps Ori	1.6940	30000.	121	40566	No
18	GOM_TRA_1PNPDE20091203_011209_000000602084_00432_40566_6047.N1	03-DEC-2009 01:12:09	Tw_i_and_stray	60.000	27	24Gam Ori	1.6360	26000.	120	40566	No
19	GOM_TRA_1PNPDE20091203_011429_000000562084_00432_40566_6048.N1	03-DEC-2009 01:14:29	Bright	55.500	13	87Alp Tau	0.86700	3800.0	111	40566	No
20	GOM_TRA_1PNPDE20091203_011831_000000392084_00432_40566_6049.N1	03-DEC-2009 01:18:31	Bright	38.500	150	44Zet Per	2.8900	28000.	77	40566	No
21	GOM_TRA_1PNPDE20091203_012056_000000362084_00432_40566_6050.N1	03-DEC-2009 01:20:56	Bright	36.000	149	45Eps Per	2.8880	30000.	72	40566	No
22	GOM_TRA_1PNPDE20091203_012436_000000482084_00432_40566_6051.N1	03-DEC-2009 01:24:36	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	40566	No
23	GOM_TRA_1PNPDE20091203_012617_000000512084_00432_40566_6052.N1	03-DEC-2009 01:26:17	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	40566	No
24	GOM_TRA_1PNPDE20091203_014058_000000452084_00432_40566_6053.N1	03-DEC-2009 01:40:58	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	40566	No
25	GOM_TRA_1PNPDE20091203_014418_000000572084_00432_40566_6054.N1	03-DEC-2009 01:44:18	Bright	57.000	32	77Eps UMa	1.7630	11000.	114	40566	No
26	GOM_TRA_1PNPDE20091203_014706_000000512084_00432_40566_6055.N1	03-DEC-2009 01:47:06	Bright	51.000	174	52Psi UMa	3.0040	4400.0	102	40566	No
27	GOM_TRA_1PNPDE20091203_014956_000000392084_00432_40566_6056.N1	03-DEC-2009 01:49:56	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	40566	No
28	GOM_TRA_1PNPDE20091203_015951_000000632084_00432_40566_6057.N1	03-DEC-2009 01:59:51	Bright	62.500	62	94Bet Leo	2.1360	9700.0	125	40566	No
29	GOM_TRA_1PNPDE20091203_020305_000000442084_00432_40566_6052.N1	03-DEC-2009 02:03:05	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	40566	No
30	GOM_TRA_1PNPDE20091203_020851_000000492084_00432_40566_6053.N1	03-DEC-2009 02:08:51	Dark	49.000	100	4Gam Crv	2.5800	13100.	98	40566	No
31	GOM_TRA_1PNPDE20091203_021027_000000522084_00432_40566_6054.N1	03-DEC-2009 02:10:27	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	40566	No
32	GOM_TRA_1PNPDE20091203_021954_000000462084_00433_40567_6055.N1	03-DEC-2009 02:19:54	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	40567	No
33	GOM_TRA_1PNPDE20091203_022834_000000532084_00433_40567_6056.N1	03-DEC-2009 02:28:34	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	40567	No
34	GOM_TRA_1PNPDE20091203_023024_000000552084_00433_40567_6057.N1	03-DEC-2009 02:30:24	Dark	55.000	70	Zet Pup	2.2460	39000.	110	40567	No
35	GOM_TRA_1PNPDE20091203_023346_000000642084_00433_40567_6058.N1	03-DEC-2009 02:33:46	Dark	64.000	117	Pi Pup	2.7060	3800.0	128	40567	No
36	GOM_TRA_1PNPDE20091203_023730_000000652084_00433_40567_6059.N1	03-DEC-2009 02:37:30	Dark	65.000	23	21Eps CMa	1.5020	26000.	130	40567	No
37	GOM_TRA_1PNPDE20091203_024312_000000252084_00433_40567_6060.N1	03-DEC-2009 02:43:12	Straylight	25.000	47	2Bet CMa	1.9760	28000.	50	40567	No
38	GOM_TRA_1PNPDE20091203_024713_000000572084_00433_40567_6061.N1	03-DEC-2009 02:47:13	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	40567	No
39	GOM_TRA_1PNPDE20091203_025005_000000612084_00433_40567_6062.N1	03-DEC-2009 02:50:05	Tw_i_and_stray	60.500	30	46Eps Ori	1.6940	30000.	121	40567	No
40	GOM_TRA_1PNPDE20091203_025244_000000602084_00433_40567_6063.N1	03-DEC-2009 02:52:44	Tw_i_and_stray	59.500	27	24Gam Ori	1.6360	26000.	119	40567	No
41	GOM_TRA_1PNPDE20091203_025505_000000582084_00433_40567_6064.N1	03-DEC-2009 02:55:05	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40567	No
42	GOM_TRA_1PNPDE20091203_025907_000000392084_00433_40567_6065.N1	03-DEC-2009 02:59:07	Bright	38.500	150	44Zet Per	2.8900	28000.	77	40567	No
43	GOM_TRA_1PNPDE20091203_030132_000000382084_00433_40567_6066.N1	03-DEC-2009 03:01:32	Bright	38.000	149	45Eps Per	2.8880	30000.	76	40567	No
44	GOM_TRA_1PNPDE20091203_030512_000000482084_00433_40567_6067.N1	03-DEC-2009 03:05:12	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40567	No
45	GOM_TRA_1PNPDE20091203_030652_000000512084_00433_40567_6068.N1	03-DEC-2009 03:06:52	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	40567	No
46	GOM_TRA_1PNPDE20091203_032133_000000512084_00433_40567_6069.N1	03-DEC-2009 03:21:33	Bright	50.500	36	50Alp UMa	1.8000	6300.0	101	40567	No
47	GOM_TRA_1PNPDE20091203_032454_000000422084_00433_40567_6092.N1	03-DEC-2009 03:24:54	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	40567	No
48	GOM_TRA_1PNPDE20091203_032742_000000632084_00433_40567_6093.N1	03-DEC-2009 03:27:42	Bright	62.500	174	52Psi UMa	3.0040	4400.0	125	40567	No
49	GOM_TRA_1PNPDE20091203_033033_000000382084_00433_40567_6094.N1	03-DEC-2009 03:30:33	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	40567	No
50	GOM_TRA_1PNPDE20091203_034027_000000632084_00433_40567_6095.N1	03-DEC-2009 03:40:27	Bright	63.000	62	94Bet Leo	2.1360	9700.0	126	40567	No
51	GOM_TRA_1PNPDE20091203_034341_000000462084_00433_40567_6096.N1	03-DEC-2009 03:43:41	Bright	45.500	121	29Gam Vir	2.7400	7200.0	91	40567	No
52	GOM_TRA_1PNPDE20091203_034928_000000422084_00433_40567_6097.N1	03-DEC-2009 03:49:28	Dark	41.500	100	4Gam Crv	2.5800	13100.	83	40567	No
53	GOM_TRA_1PNPDE20091203_035104_000000542084_00433_40567_6098.N1	03-DEC-2009 03:51:04	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	40567	No
54	GOM_TRA_1PNPDE20091203_040031_000000442084_00434_40568_6099.N1	03-DEC-2009 04:00:31	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40568	No
55	GOM_TRA_1PNPDE20091203_040911_000000482084_00434_40568_6100.N1	03-DEC-2009 04:09:11	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40568	No
56	GOM_TRA_1PNPDE20091203_041101_000000602084_00434_40568_6101.N1	03-DEC-2009 04:11:01	Dark	60.000	70	Zet Pup	2.2460	39000.	120	40568	No
57	GOM_TRA_1PNPDE20091203_041423_000000602084_00434_40568_6102.N1	03-DEC-2009 04:14:23	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	40568	No
58	GOM_TRA_1PNPDE20091203_041806_000000662084_00434_40568_6103.N1	03-DEC-2009 04:18:06	Dark	65.500	23	21Eps CMa	1.5020	26000.	131	40568	No
59	GOM_TRA_1PNPDE20091203_042348_000000302084_00434_40568_6104.N1	03-DEC-2009 04:23:48	Straylight	30.000	47	2Bet CMa	1.9760	28000.	60	40568	No
60	GOM_TRA_1PNPDE20091203_042749_000000572084_00434_40568_6105.N1	03-DEC-2009 04:27:49	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	40568	No
61	GOM_TRA_1PNPDE20091203_043041_000000612084_00434_40568_6106.N1	03-DEC-2009 04:30:41	Tw_i_and_stray	60.500	30	46Eps Ori	1.6940	30000.	121	40568	No
62	GOM_TRA_1PNPDE20091203_043320_000000592084_00434_40568_6107.N1	03-DEC-2009 04:33:20	Tw_i_and_stray	58.500	27	24Gam Ori	1.6360	26000.	117	40568	No
63	GOM_TRA_1PNPDE20091203_043541_000000612084_00434_40568_6108.N1	03-DEC-2009 04:35:41	Bright	61.000	13	87Alp Tau	0.86700	3800.0	122	40568	No
64	GOM_TRA_1PNPDE20091203_043943_000000392084_00434_40568_6109.N1	03-DEC-2009 04:39:43	Bright	38.500	150	44Zet Per	2.8900	28000.	77	40568	No
65	GOM_TRA_1PNPDE20091203_044207_000000372084_00434_40568_6110.N1	03-DEC-2009 04:42:07	Bright	36.500	149	45Eps Per	2.8880	30000.	73	40568	No
66	GOM_TRA_1PNPDE20091203_044547_000000522084_00434_40568_6111.N1	03-DEC-2009 04:45:47	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	40568	No
67	GOM_TRA_1PNPDE20091203_044728_000000502084_00434_40568_6112.N1	03-DEC-2009 04:47:28	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	40568	No
68	GOM_TRA_1PNPDE20091203_050209_000000462084_00434_40568_6125.N1	03-DEC-2009 05:02:09	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	40568	No
69	GOM_TRA_1PNPDE20091203_050344_000000442084_00434_40568_6126.N1	03-DEC-2009 05:03:44	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	40568	No
70	GOM_TRA_1PNPDE20091203_050531_000000362084_00434_40568_6127.N1	03-DEC-2009 05:05:31	Bright	36.000	32	77Eps UMa	1.7630	11000.	72	40568	No
71	GOM_TRA_1PNPDE20091203_050818_000000542084_00434_40568_6128.N1	03-DEC-2009 05:08:18	Bright	54.000	174	52Psi UMa	3.0040	4400.0	108	40568	No

72	GOM_TRA_1PNPDE20091203_051108_000000592084_00434_40568_6129.N1	03-DEC-2009 05:11:08	Bright	59.000	152	12Alp2CVn	2.8900	11000.	118	40568	No
73	GOM_TRA_1PNPDE20091203_052104_000000602084_00434_40568_6130.N1	03-DEC-2009 05:21:04	Bright	60.000	62	94Bet Leo	2.1360	9700.0	120	40568	No
74	GOM_TRA_1PNPDE20091203_052418_000000452084_00434_40568_6131.N1	03-DEC-2009 05:24:18	Bright	45.000	121	29Gam Vir	2.7400	7200.0	90	40568	No
75	GOM_TRA_1PNPDE20091203_053005_000000512084_00434_40568_6132.N1	03-DEC-2009 05:30:05	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	40568	No
76	GOM_TRA_1PNPDE20091203_053141_000000522084_00434_40568_6133.N1	03-DEC-2009 05:31:41	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	40568	No
77	GOM_TRA_1PNPDE20091203_054108_000000452084_00435_40569_6134.N1	03-DEC-2009 05:41:08	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40569	No
78	GOM_TRA_1PNPDE20091203_054948_000000482084_00435_40569_6135.N1	03-DEC-2009 05:49:48	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40569	No
79	GOM_TRA_1PNPDE20091203_055138_000000582084_00435_40569_6136.N1	03-DEC-2009 05:51:38	Dark	58.000	70	Zet Pup	2.2460	39000.	116	40569	No
80	GOM_TRA_1PNPDE20091203_055500_000000642084_00435_40569_6137.N1	03-DEC-2009 05:55:00	Dark	63.500	117	Pi Pup	2.7060	3800.0	127	40569	No
81	GOM_TRA_1PNPDE20091203_055843_000000632084_00435_40569_6138.N1	03-DEC-2009 05:58:43	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	40569	No
82	GOM_TRA_1PNPDE20091203_060424_000000302084_00435_40569_6139.N1	03-DEC-2009 06:04:24	Straylight	30.000	47	2Bet CMa	1.9760	28000.	60	40569	No
83	GOM_TRA_1PNPDE20091203_060825_000000562084_00435_40569_6140.N1	03-DEC-2009 06:08:25	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	40569	No
84	GOM_TRA_1PNPDE20091203_061117_000000612084_00435_40569_6141.N1	03-DEC-2009 06:11:17	Twilight_stray	60.500	30	46Eps Ori	1.6940	30000.	121	40569	No
85	GOM_TRA_1PNPDE20091203_061355_000000582084_00435_40569_6142.N1	03-DEC-2009 06:13:55	Twilight_stray	58.000	27	24Gam Ori	1.6360	26000.	116	40569	No
86	GOM_TRA_1PNPDE20091203_061616_000000612084_00435_40569_6143.N1	03-DEC-2009 06:16:16	Bright	61.000	13	87Alp Tau	0.86700	3800.0	122	40569	No
87	GOM_TRA_1PNPDE20091203_062019_000000362084_00435_40569_6144.N1	03-DEC-2009 06:20:19	Bright	36.000	150	44Zet Per	2.8900	28000.	72	40569	No
88	GOM_TRA_1PNPDE20091203_062243_000000382084_00435_40569_6145.N1	03-DEC-2009 06:22:43	Bright	37.500	149	45Eps Per	2.8880	30000.	75	40569	No
89	GOM_TRA_1PNPDE20091203_062622_000000462084_00435_40569_6146.N1	03-DEC-2009 06:26:22	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	40569	No
90	GOM_TRA_1PNPDE20091203_062803_000000512084_00435_40569_6147.N1	03-DEC-2009 06:28:03	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	40569	No
91	GOM_TRA_1PNPDE20091203_210258_000000282084_00444_40578_6193.N1	03-DEC-2009 21:02:58	Dark	28.000	88	31Eta CMa	2.4480	20000.	56	40578	No
92	GOM_TRA_1PNPDE20091203_210412_000000652084_00444_40578_6194.N1	03-DEC-2009 21:04:12	Dark	64.500	23	21Eps CMa	1.5020	26000.	129	40578	No
93	GOM_TRA_1PNPDE20091203_210949_000000552084_00444_40578_6195.N1	03-DEC-2009 21:09:49	Straylight	55.000	47	2Bet CMa	1.9760	28000.	110	40578	No
94	GOM_TRA_1PNPDE20091203_211348_000000572084_00444_40578_6196.N1	03-DEC-2009 21:13:48	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	40578	No
95	GOM_TRA_1PNPDE20091203_211637_000000612084_00444_40578_6197.N1	03-DEC-2009 21:16:37	Twilight_stray	60.500	30	46Eps Ori	1.6940	30000.	121	40578	No
96	GOM_TRA_1PNPDE20091203_211915_000000582084_00444_40578_6198.N1	03-DEC-2009 21:19:15	Twilight_stray	58.000	27	24Gam Ori	1.6360	26000.	116	40578	No
97	GOM_TRA_1PNPDE20091203_212137_000000602084_00444_40578_6199.N1	03-DEC-2009 21:21:37	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	40578	No
98	GOM_TRA_1PNPDE20091203_212507_000000512084_00444_40578_6200.N1	03-DEC-2009 21:25:07	Bright	51.000	176	23Zet Tau	3.0200	22000.	102	40578	No
99	GOM_TRA_1PNPDE20091203_212804_000000372084_00444_40578_6201.N1	03-DEC-2009 21:28:04	Bright	37.000	149	45Eps Per	2.8880	30000.	74	40578	No
100	GOM_TRA_1PNPDE20091203_213140_000000482084_00444_40578_6202.N1	03-DEC-2009 21:31:40	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40578	No
101	GOM_TRA_1PNPDE20091203_213318_000000502084_00444_40578_6203.N1	03-DEC-2009 21:33:18	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	40578	No
102	GOM_TRA_1PNPDE20091203_214804_000000582084_00444_40578_6204.N1	03-DEC-2009 21:48:04	Bright	57.500	36	50Alp UMa	1.8000	6300.0	115	40578	No
103	GOM_TRA_1PNPDE20091203_214939_000000502084_00444_40578_6205.N1	03-DEC-2009 21:49:39	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	40578	No
104	GOM_TRA_1PNPDE20091203_215129_000000432084_00444_40578_6206.N1	03-DEC-2009 21:51:29	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	40578	No
105	GOM_TRA_1PNPDE20091203_215414_000000642084_00444_40578_6207.N1	03-DEC-2009 21:54:14	Bright	64.000	174	52Psi UMa	3.0040	4400.0	128	40578	No
106	GOM_TRA_1PNPDE20091203_215708_000000602084_00444_40578_6208.N1	03-DEC-2009 21:57:08	Bright	60.000	152	12Alp2CVn	2.8900	11000.	120	40578	No
107	GOM_TRA_1PNPDE20091203_220712_000000652084_00444_40578_6209.N1	03-DEC-2009 22:07:12	Bright	65.000	62	94Bet Leo	2.1360	9700.0	130	40578	No
108	GOM_TRA_1PNPDE20091203_221024_000000452084_00444_40578_6210.N1	03-DEC-2009 22:10:24	Bright	45.000	121	29Gam Vir	2.7400	7200.0	90	40578	No
109	GOM_TRA_1PNPDE20091203_221613_000000432084_00444_40578_6216.N1	03-DEC-2009 22:16:13	Dark	43.000	100	4Gam Crv	2.5800	13100.	86	40578	No
110	GOM_TRA_1PNPDE20091203_221749_000000532084_00444_40578_6217.N1	03-DEC-2009 22:17:49	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	40578	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).

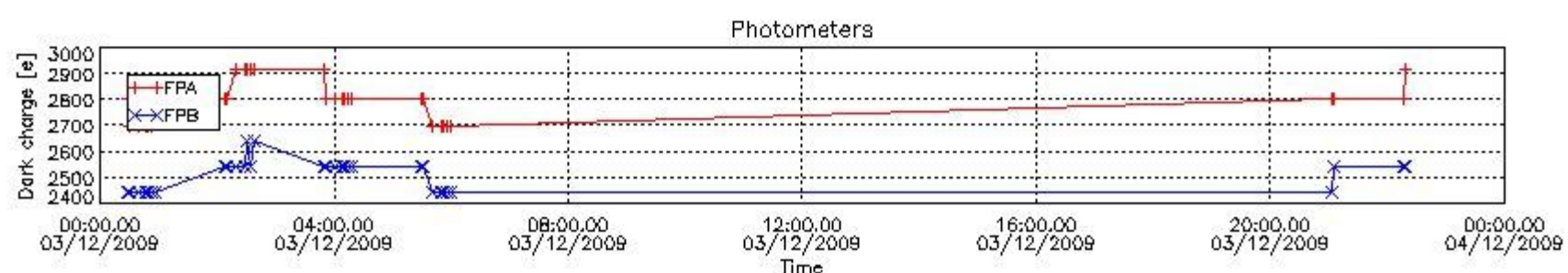
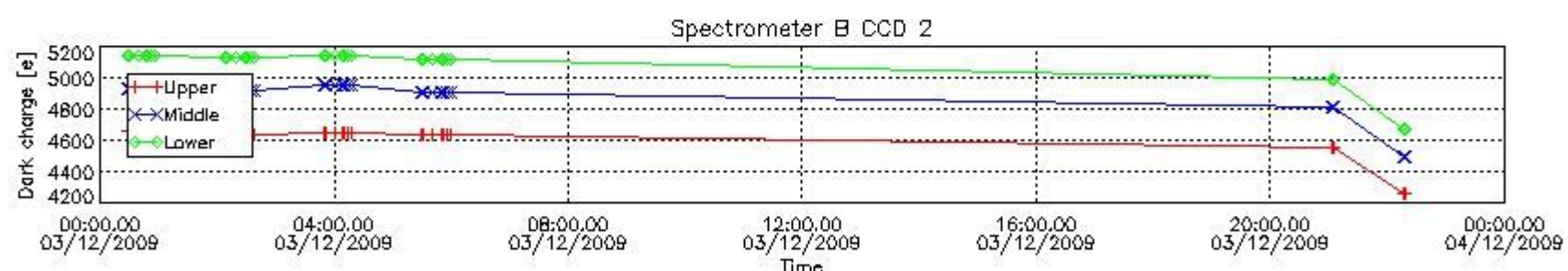
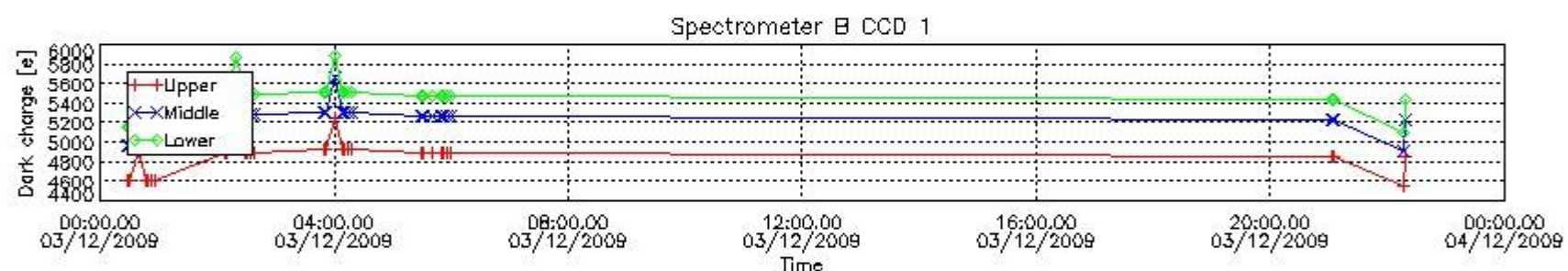
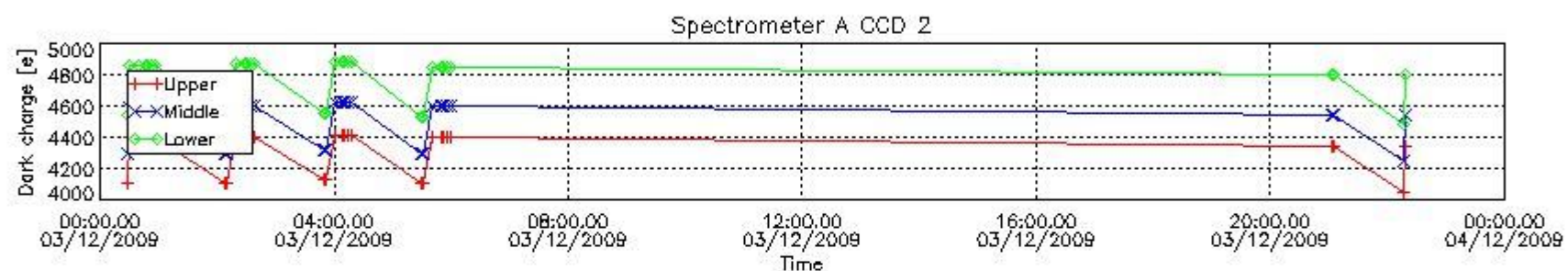
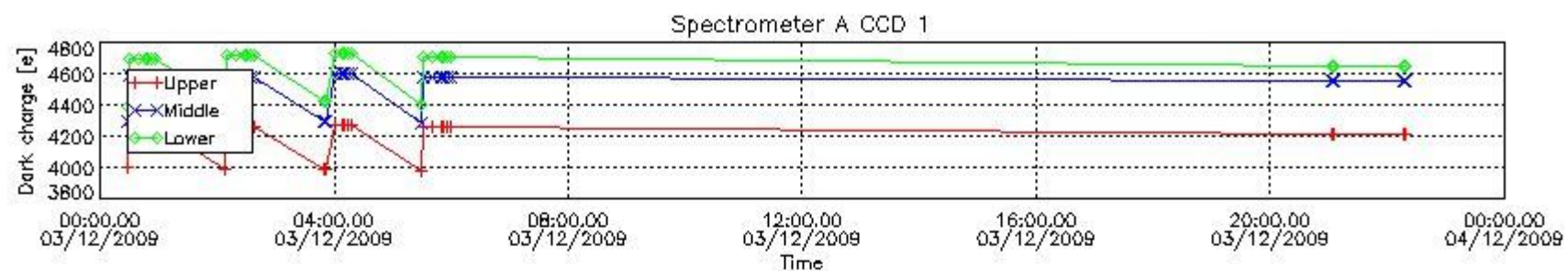
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20091203_210258_000000282084_00444_40578_6193.N1	DC map used
GOM_TRA_1PNPDE20091203_210412_000000652084_00444_40578_6194.N1	DC map used
GOM_TRA_1PNPDE20091203_210949_000000552084_00444_40578_6195.N1	DC map used
GOM_TRA_1PNPDE20091203_211348_000000572084_00444_40578_6196.N1	DC map used
GOM_TRA_1PNPDE20091203_211637_000000612084_00444_40578_6197.N1	DC map used
GOM_TRA_1PNPDE20091203_211915_000000582084_00444_40578_6198.N1	DC map used
GOM_TRA_1PNPDE20091203_212137_000000602084_00444_40578_6199.N1	DC map used
GOM_TRA_1PNPDE20091203_212507_000000512084_00444_40578_6200.N1	DC map used
GOM_TRA_1PNPDE20091203_212804_000000372084_00444_40578_6201.N1	DC map used
GOM_TRA_1PNPDE20091203_213140_000000482084_00444_40578_6202.N1	DC map used
GOM_TRA_1PNPDE20091203_213318_000000502084_00444_40578_6203.N1	DC map used
GOM_TRA_1PNPDE20091203_214804_000000582084_00444_40578_6204.N1	DC map used
GOM_TRA_1PNPDE20091203_214939_000000502084_00444_40578_6205.N1	DC map used
GOM_TRA_1PNPDE20091203_215129_000000432084_00444_40578_6206.N1	DC map used

GOM_TRA_1PNPDE20091203_215414_000000642084_00444_40578_6207.N1	DC map used
GOM_TRA_1PNPDE20091203_215708_000000602084_00444_40578_6208.N1	DC map used
GOM_TRA_1PNPDE20091203_220712_000000652084_00444_40578_6209.N1	DC map used
GOM_TRA_1PNPDE20091203_221024_000000452084_00444_40578_6210.N1	DC map used
GOM_TRA_1PNPDE20091203_221613_000000432084_00444_40578_6216.N1	DC map used
GOM_TRA_1PNPDE20091203_221749_000000532084_00444_40578_6217.N1	DC map used

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



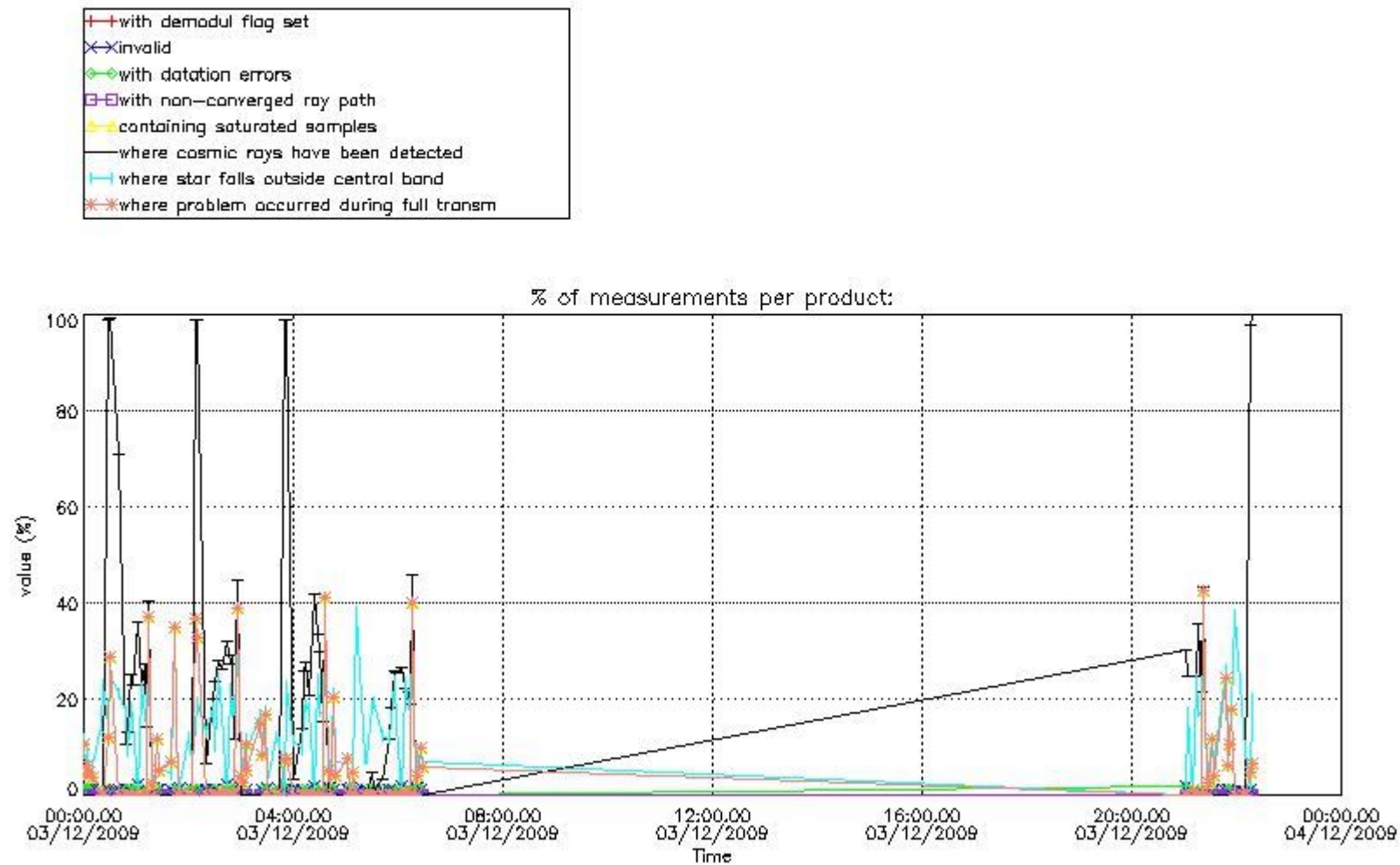
## 5. Demodulation flag and quality information monitoring

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:

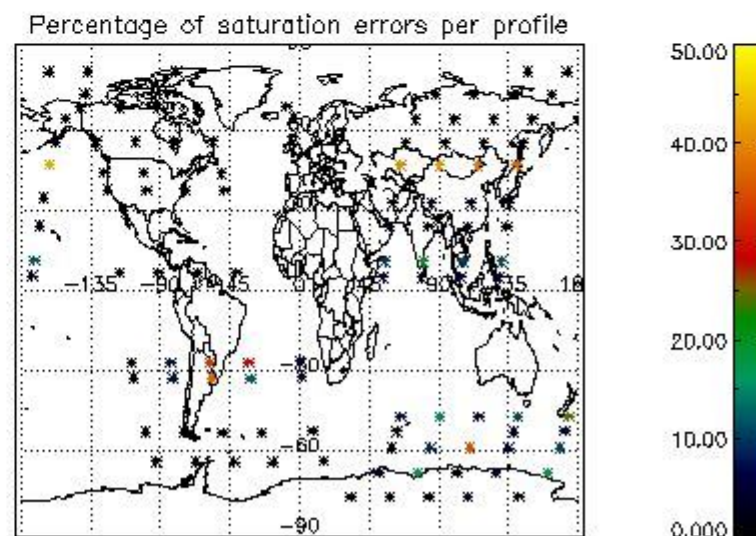
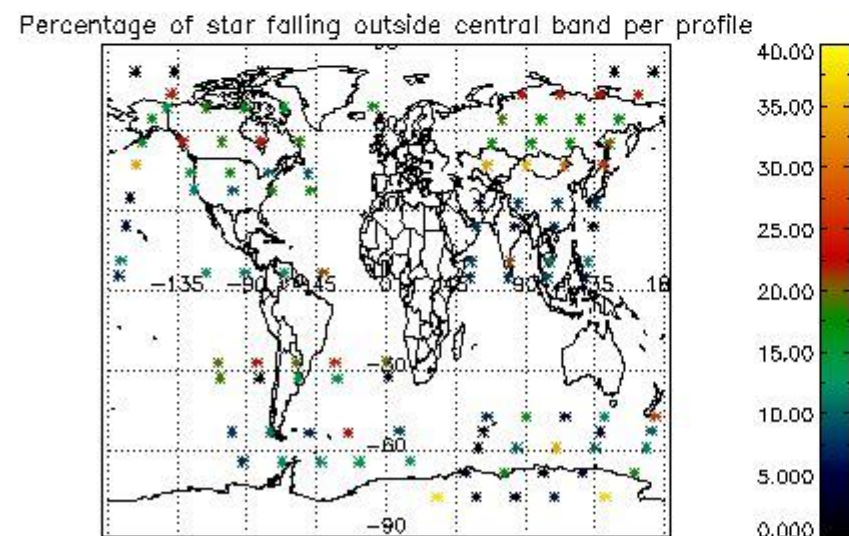
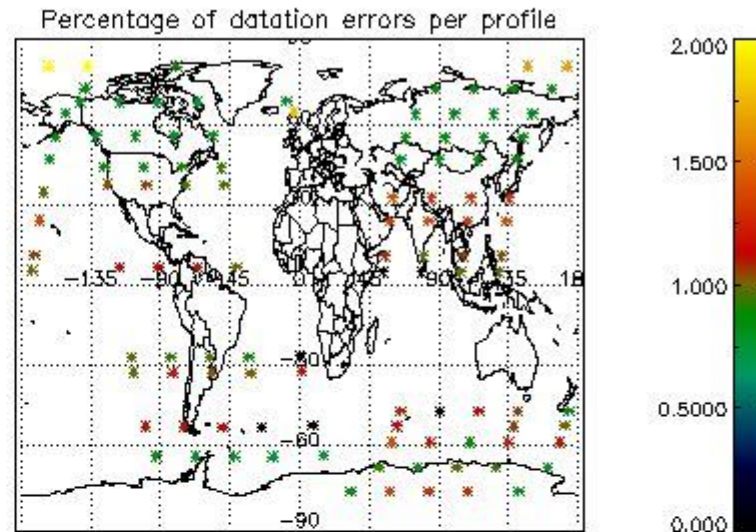
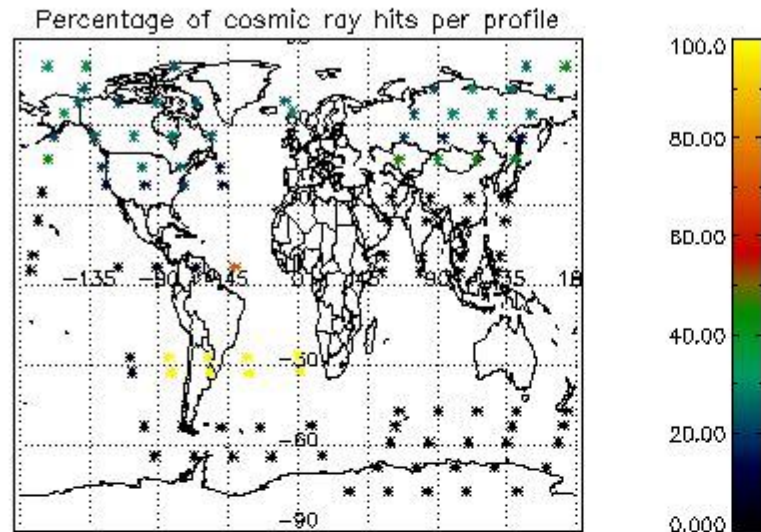
At least one measurement with demodulation flag set:	43.6364 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

### 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)

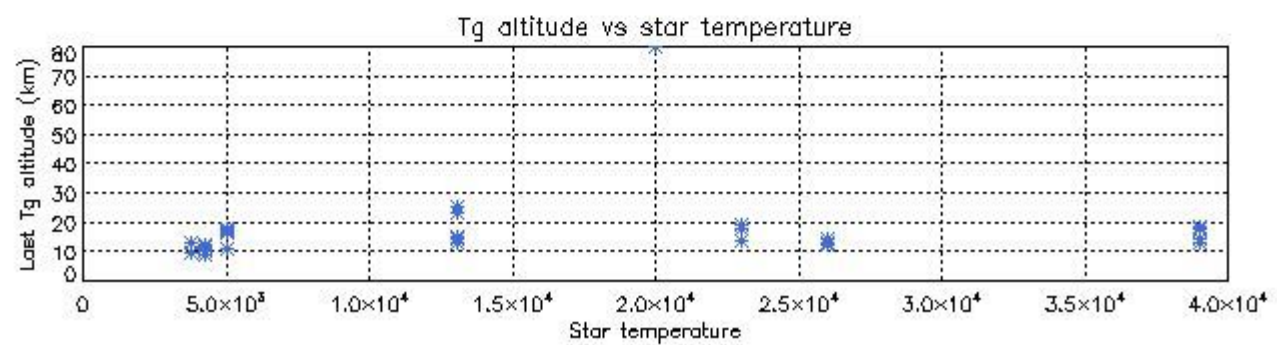
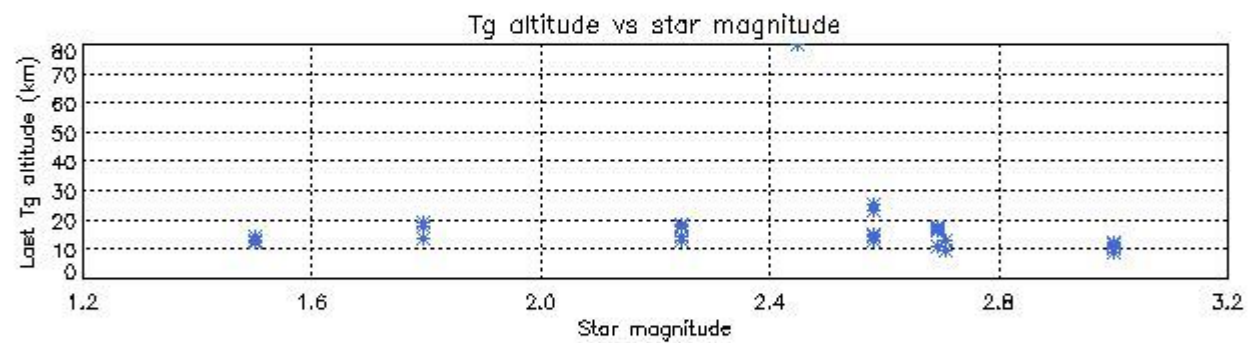
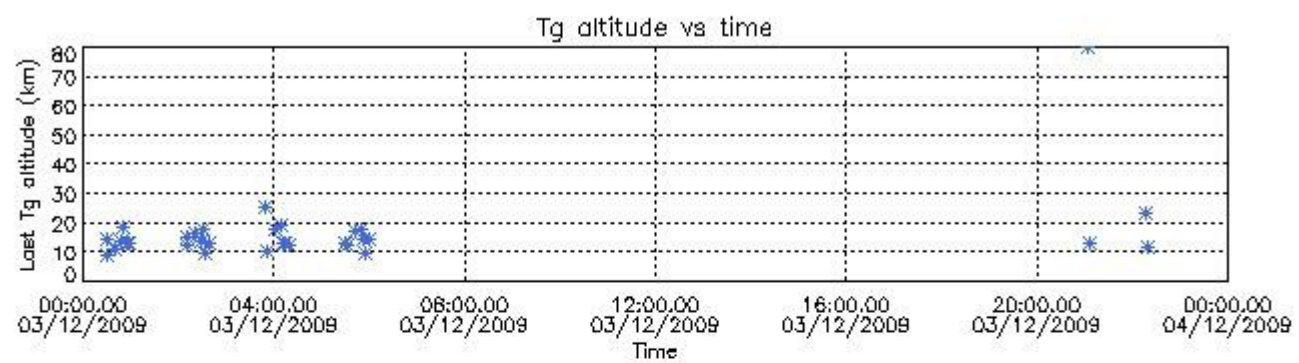
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	16.569	17.205	NaN
St. deviation:	12.136	6.3870	NaN
Maximum:	79.972	26.958	NaN
Minimum:	8.9917	3.7029	NaN
Number of data:	32.000	58.000	NaN

### 6.2 Plot for DARK limb products

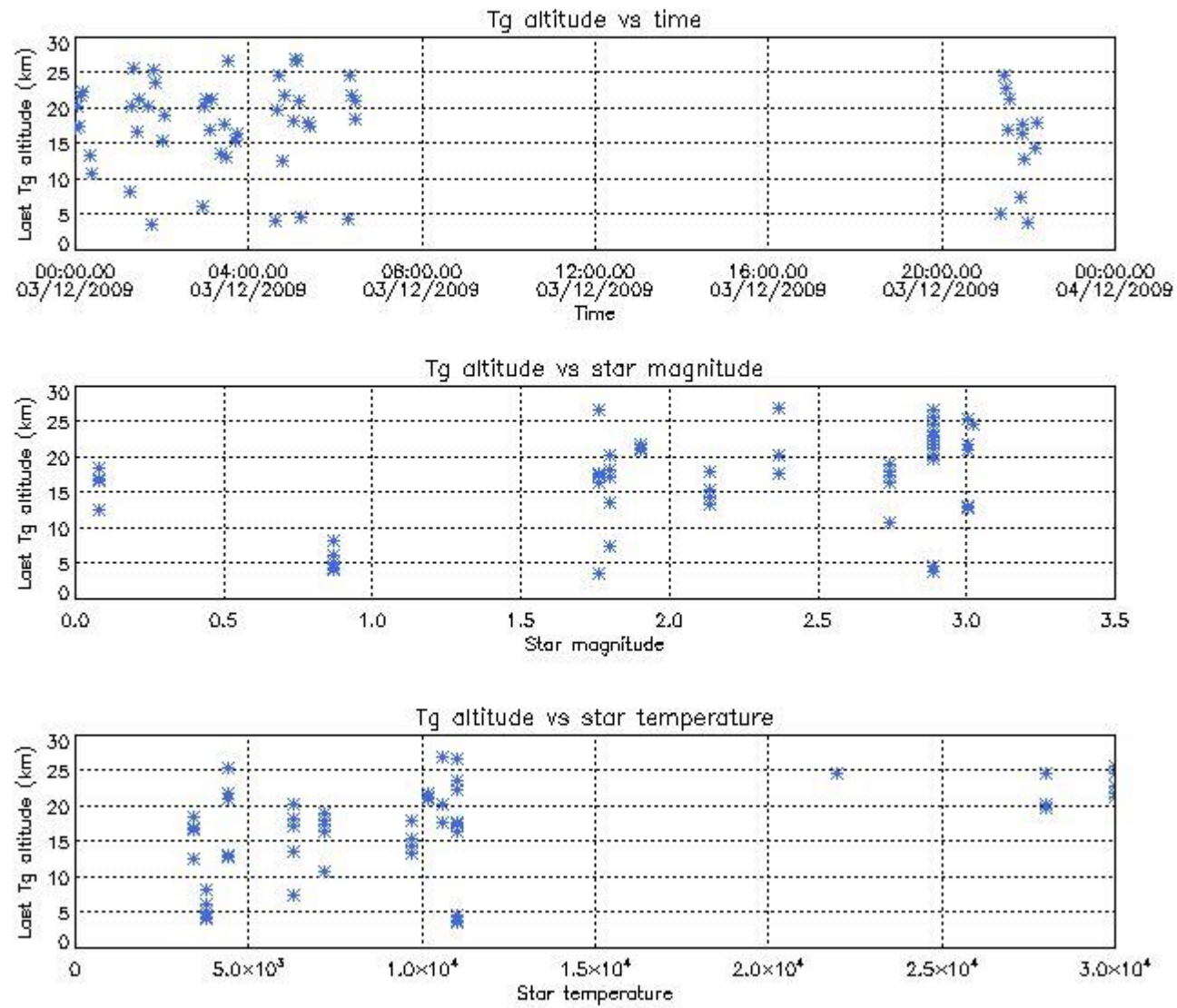


Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost

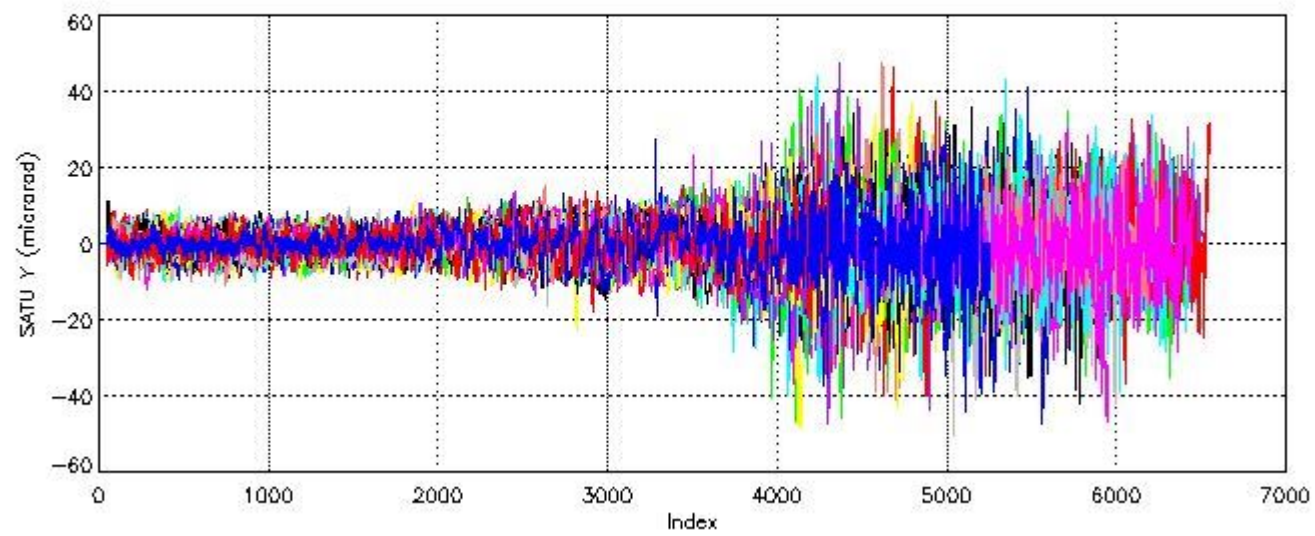
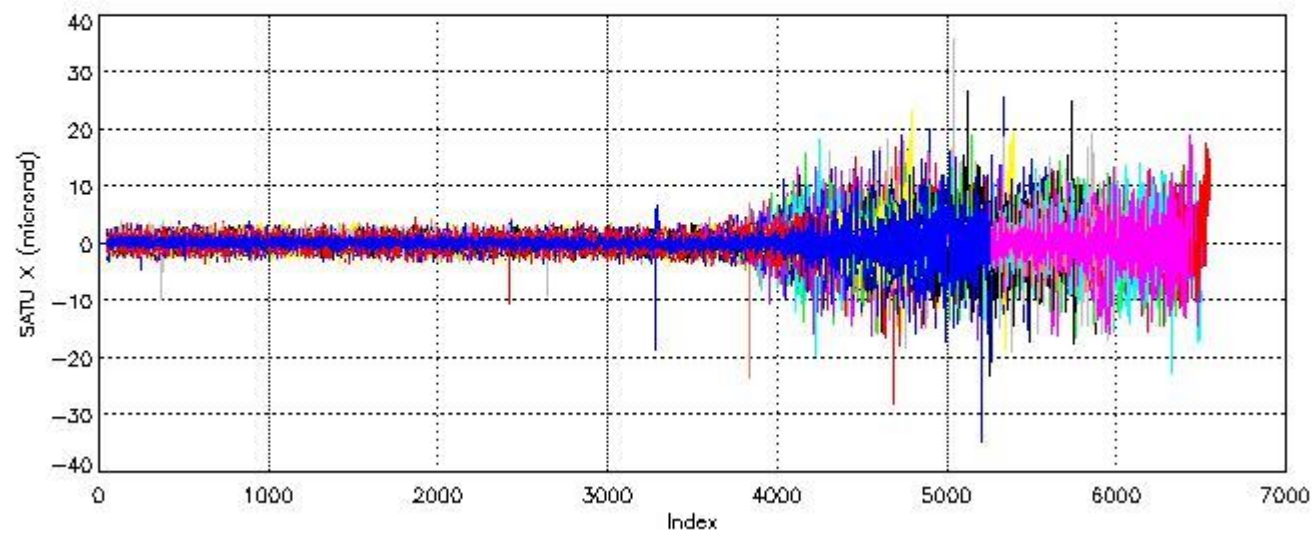


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.26339	-0.14231	0.22081	-0.23445
St. deviation:	0.71289	2.6353	0.87225	2.5729
Maximum:	3.9000	10.900	7.0000	13.200
Minimum:	-9.7000	-11.900	-6.5000	-13.300



Number of data:	36950.	36950.	61950.	61950.
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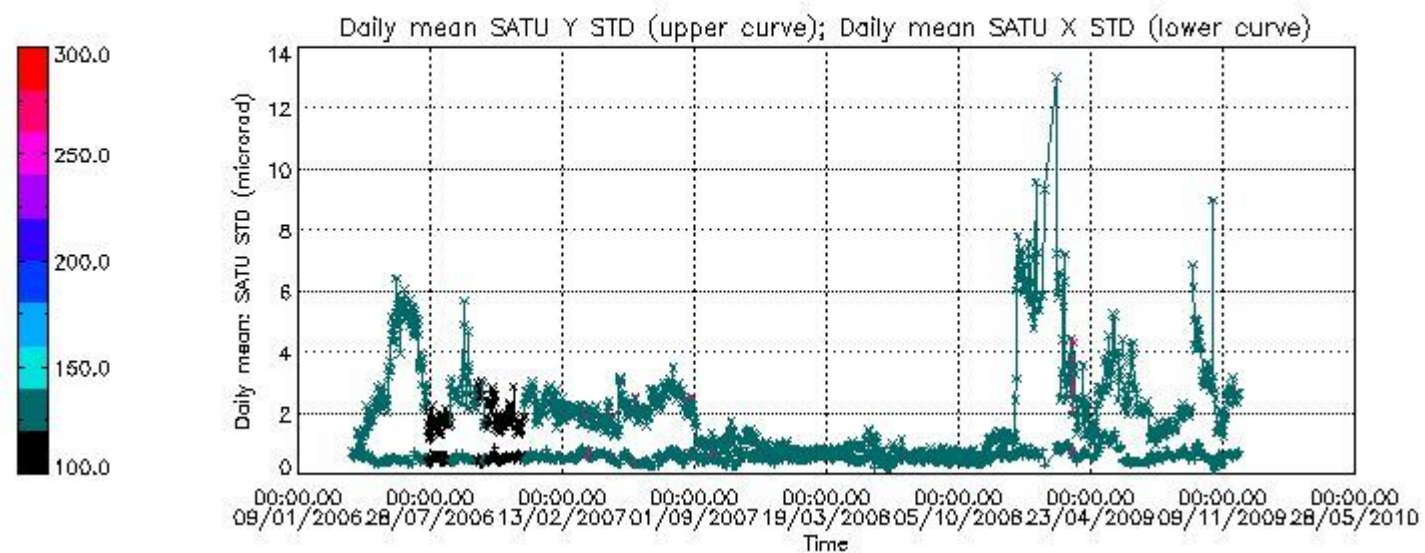
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

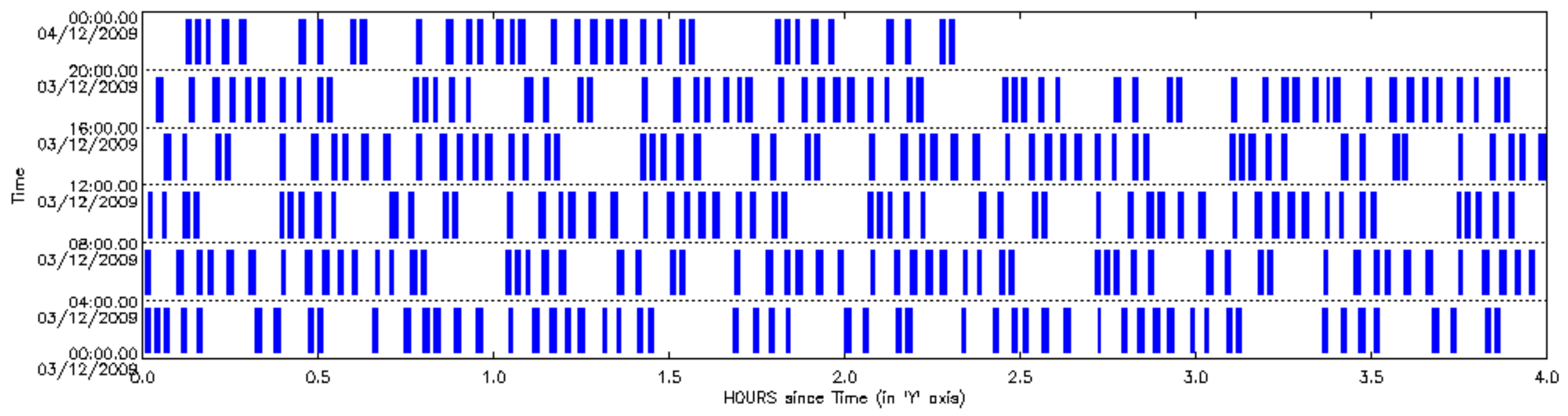
Lower curve: STD of SATU X axis

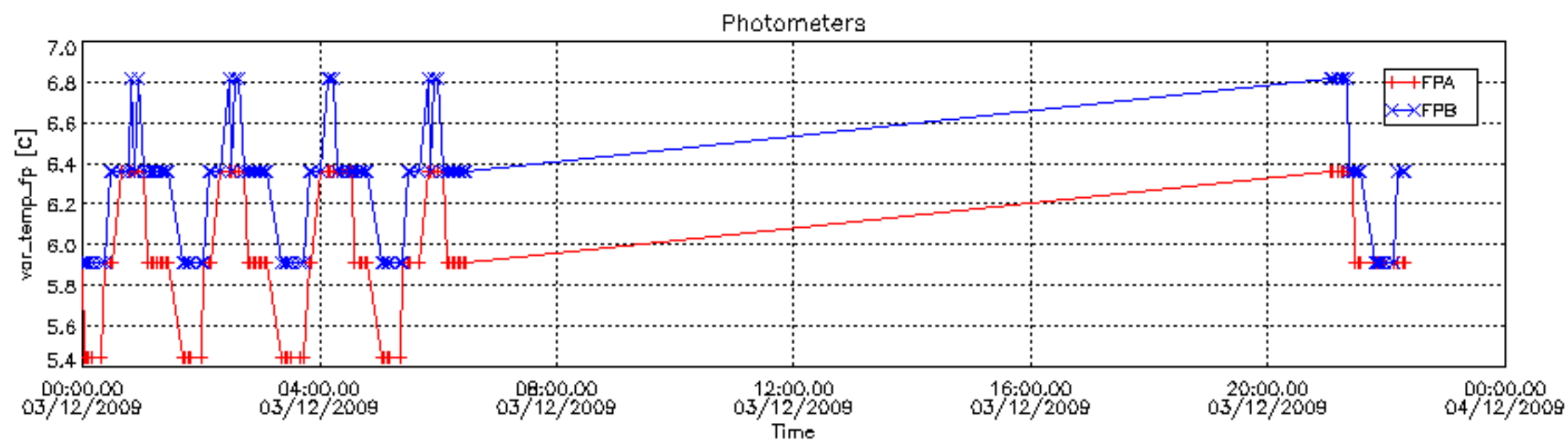
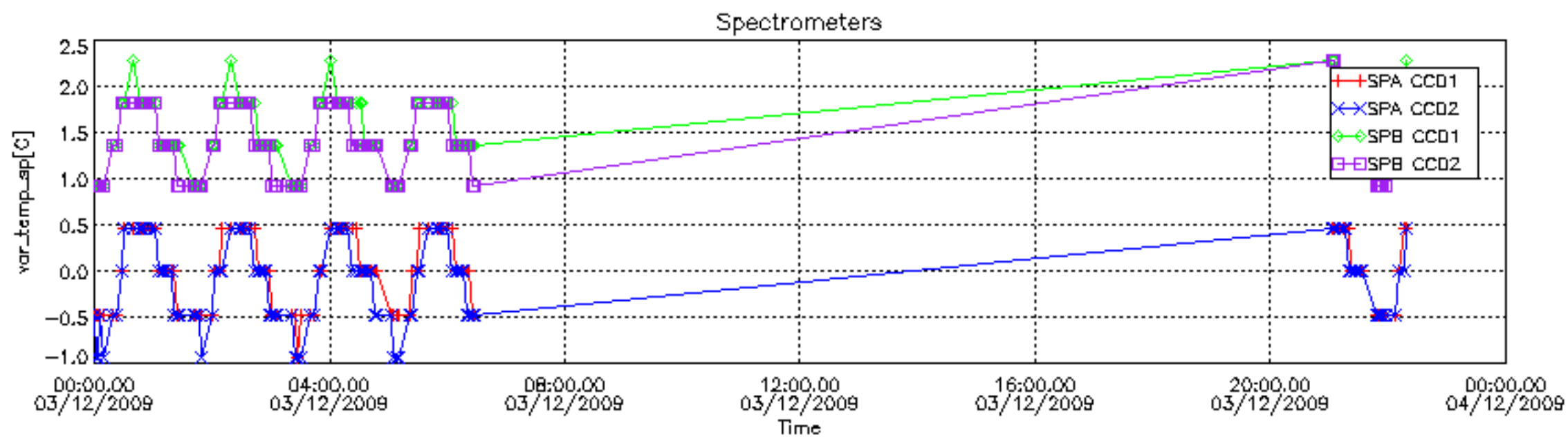


### 8. Auxiliary Data Files used for the production reported in section 2.4

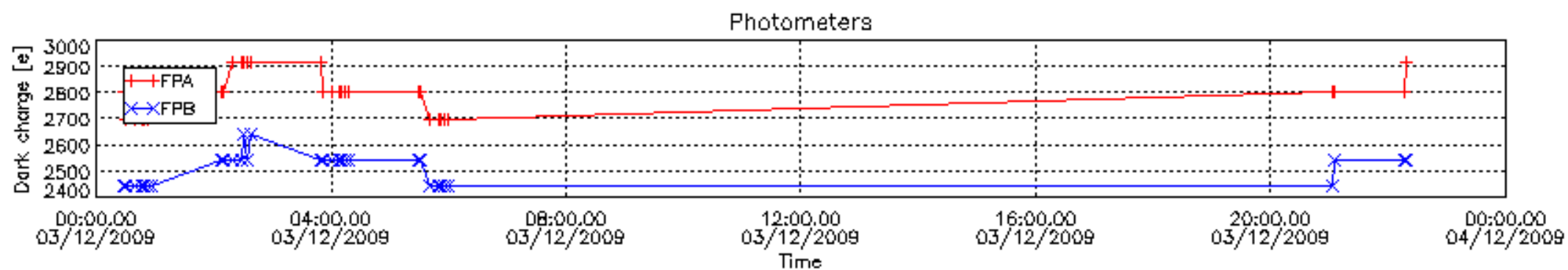
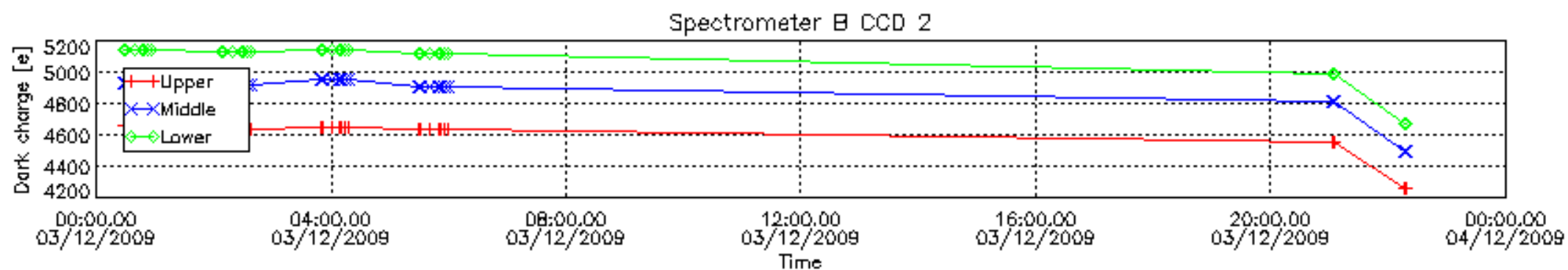
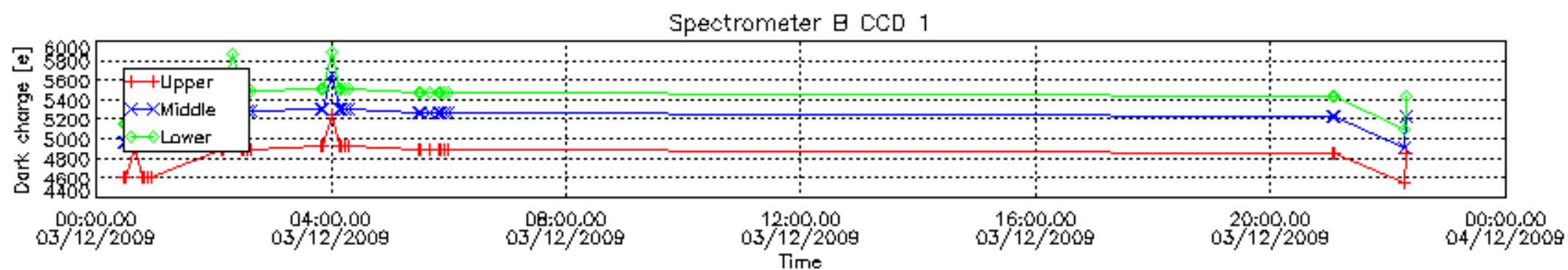
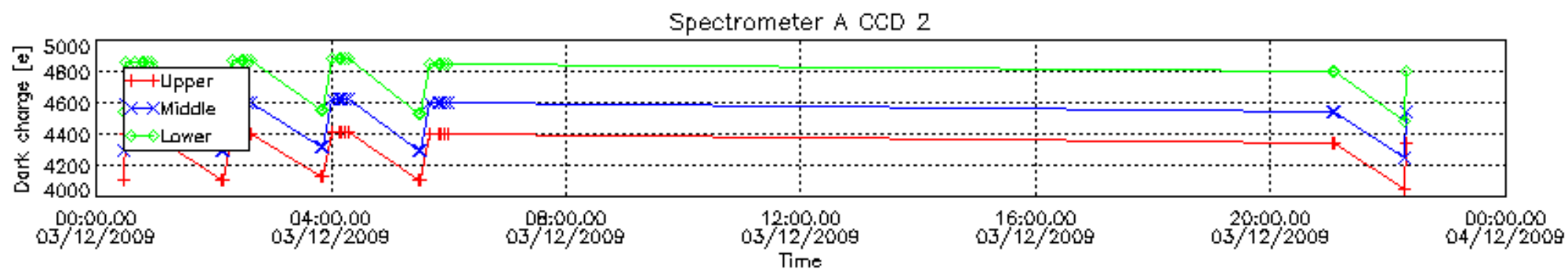
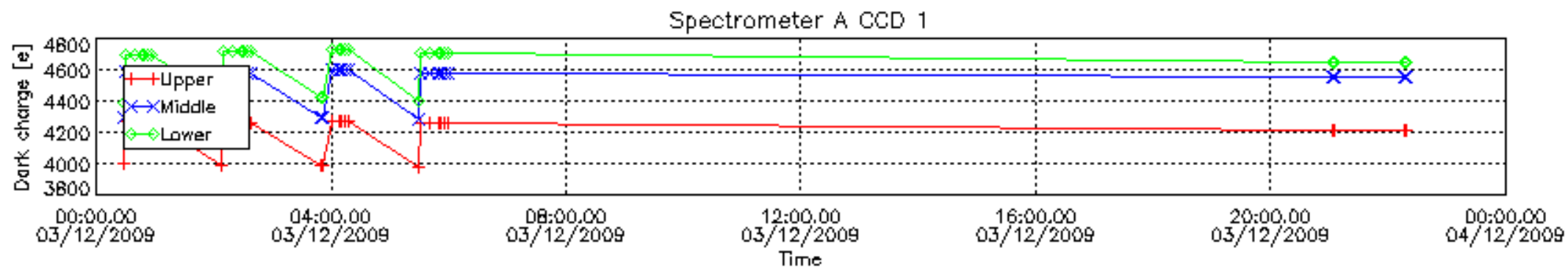
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

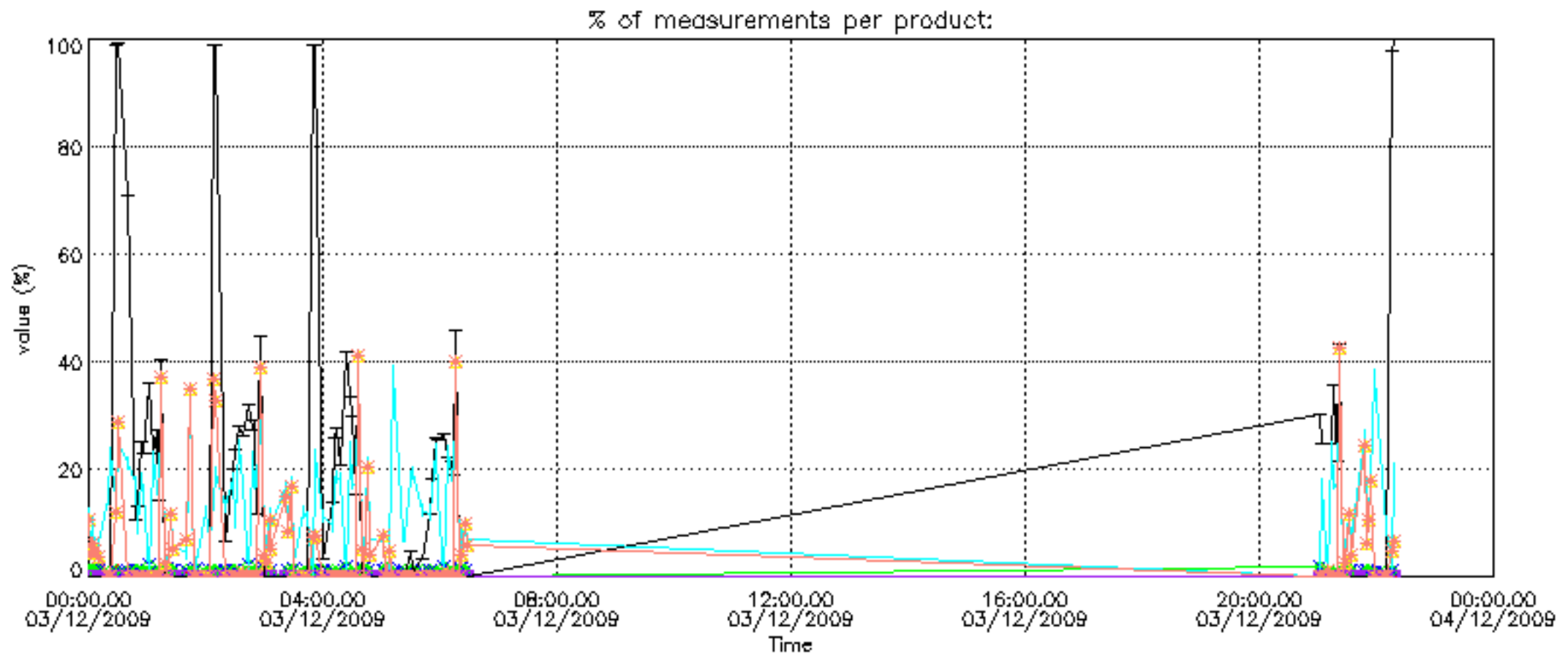
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-DEC-2009 00:00:22
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20091130_103004_20091128_000000_20500101_000000	1	03-DEC-2009 00:00:22
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	03-DEC-2009 00:00:22
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	03-DEC-2009 00:00:22
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	03-DEC-2009 00:00:22
ECMWF_FILE	AUX_ECF_AXNECM20091202_064111_20091202_210000_20091203_090000	1	03-DEC-2009 00:00:22
ECMWF_FILE	AUX_ECF_AXNECM20091202_182112_20091203_030000_20091203_150000	47	03-DEC-2009 03:24:54
ECMWF_FILE	AUX_ECA_AXNECM20091203_062110_20091202_210000_20091203_090000	68	03-DEC-2009 05:02:09
ECMWF_FILE	AUX_ECF_AXNECM20091203_064111_20091203_210000_20091204_090000	91	03-DEC-2009 21:02:58
OPTIONAL_ECMWF_FILE	MISSING	1	03-DEC-2009 00:00:22
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091202_224041_000060572084_00430_40564_9282.N1	1	03-DEC-2009 00:00:22
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091203_002138_000057382084_00431_40565_9283.N1	8	03-DEC-2009 00:28:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091203_020235_000044632084_00432_40566_9284.N1	29	03-DEC-2009 02:03:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091203_032217_000054192084_00433_40567_9285.N1	47	03-DEC-2009 03:24:54
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20091203_010110_20091202_193539_20091212_210151	68	03-DEC-2009 05:02:09
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091203_205936_000038252084_00444_40578_9287.N1	91	03-DEC-2009 21:02:58
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20091203_220840_000057382084_00444_40578_9288.N1	109	03-DEC-2009 22:16:13



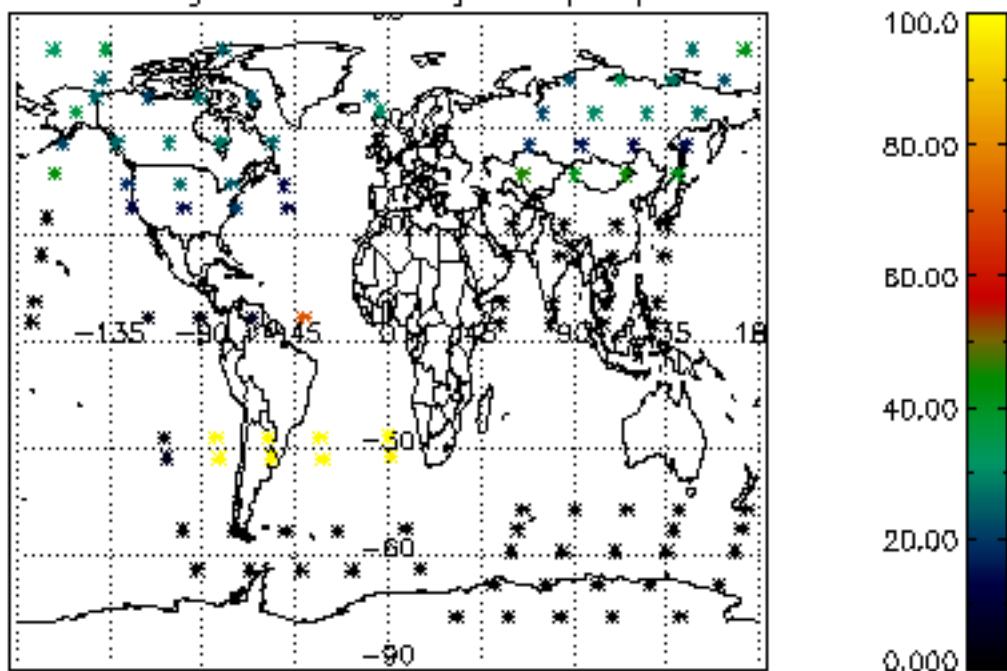




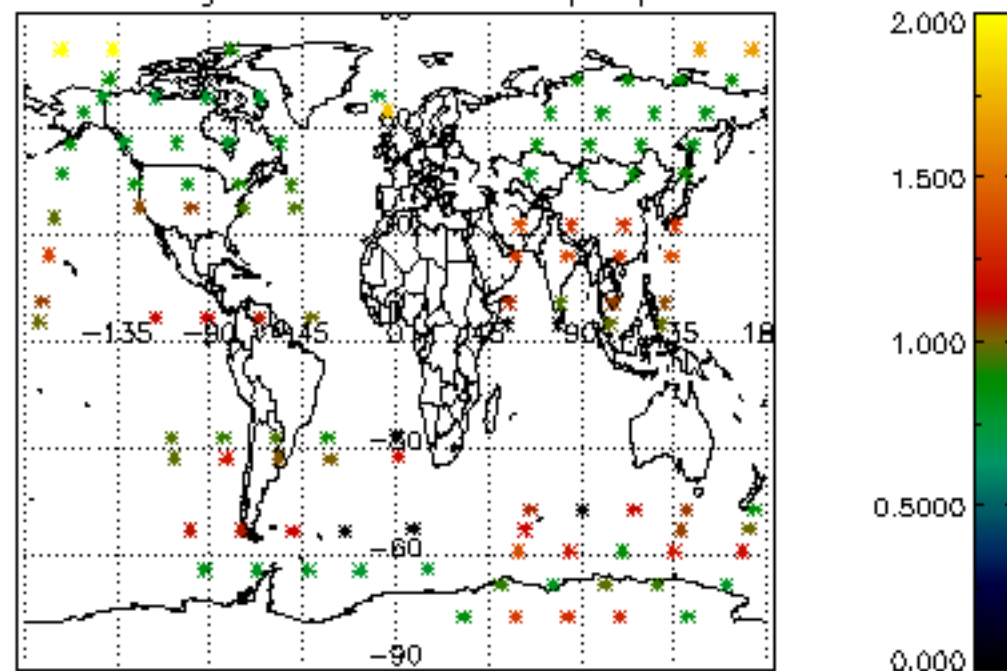




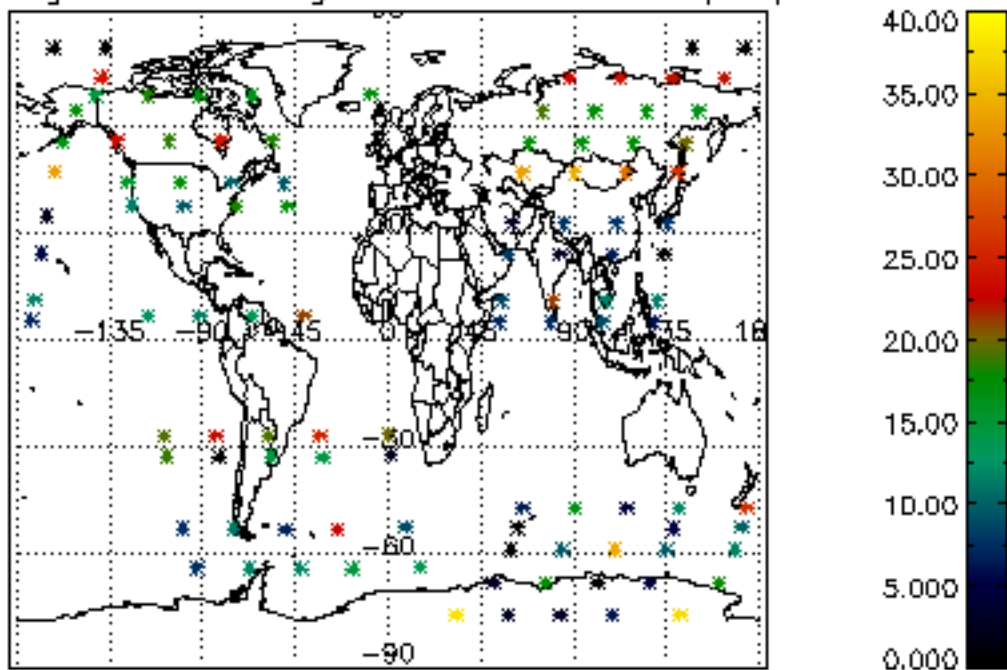
Percentage of cosmic ray hits per profile



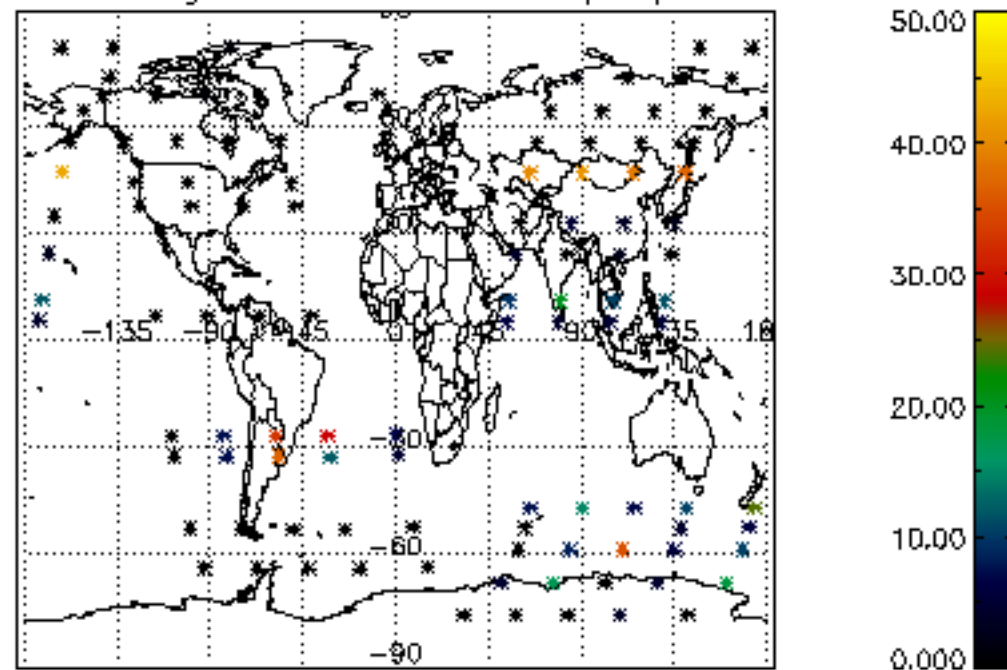
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

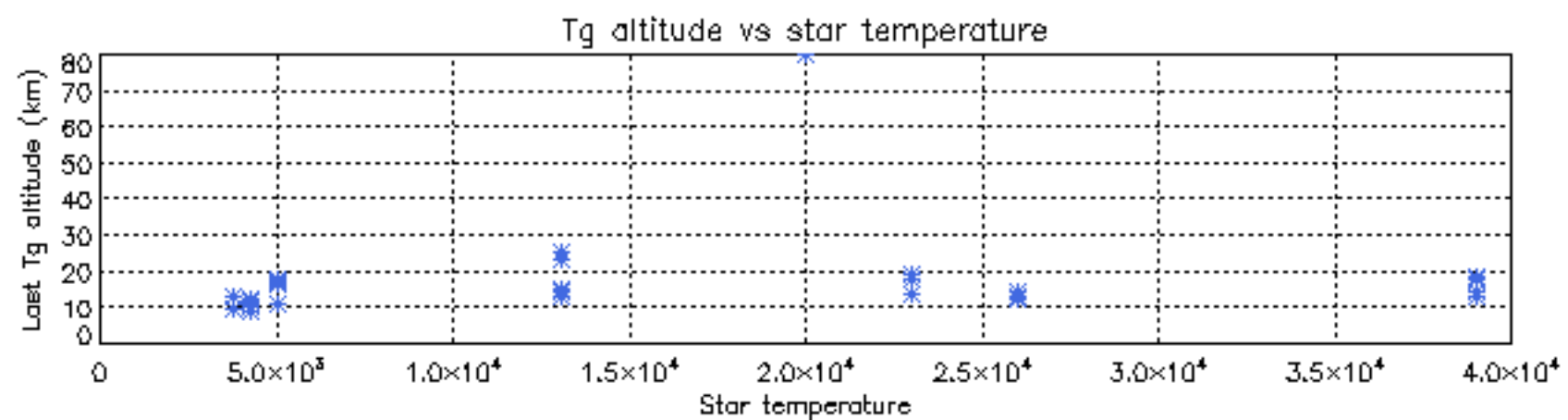
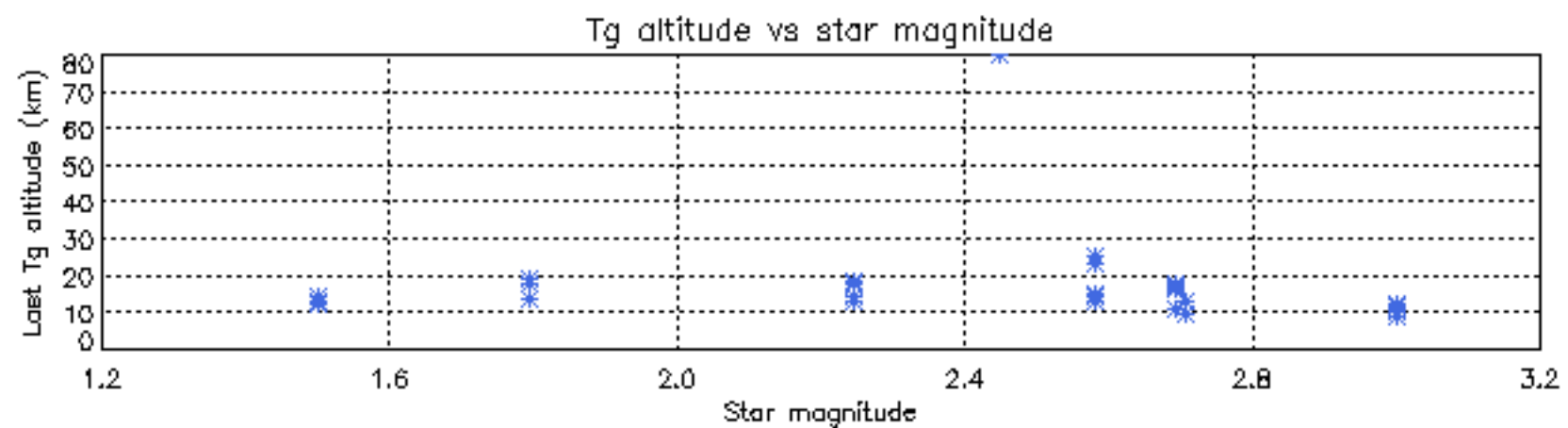
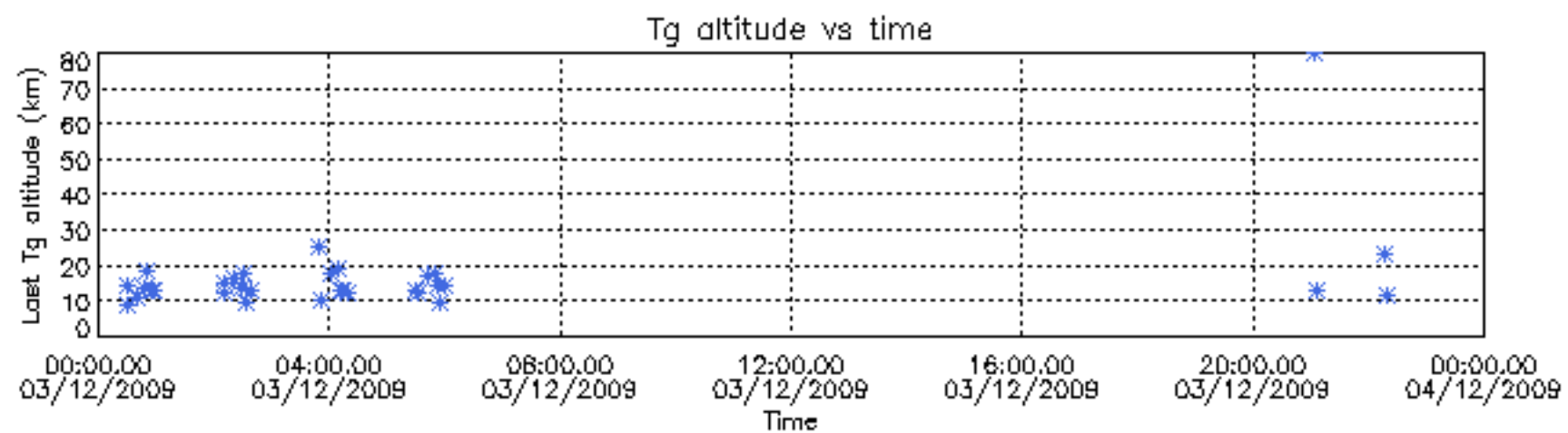


Percentage of saturation errors per profile

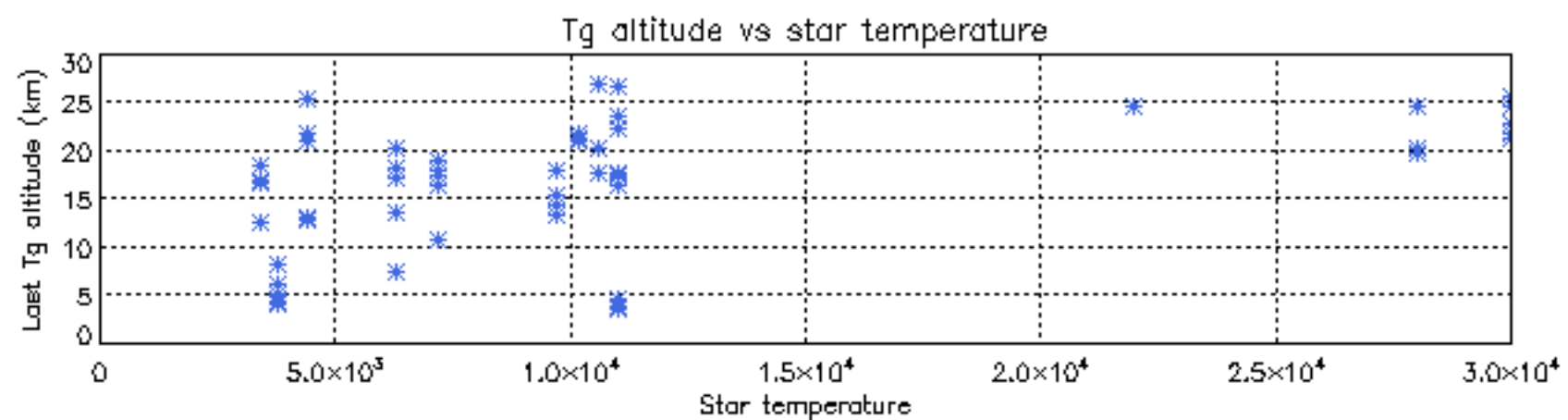
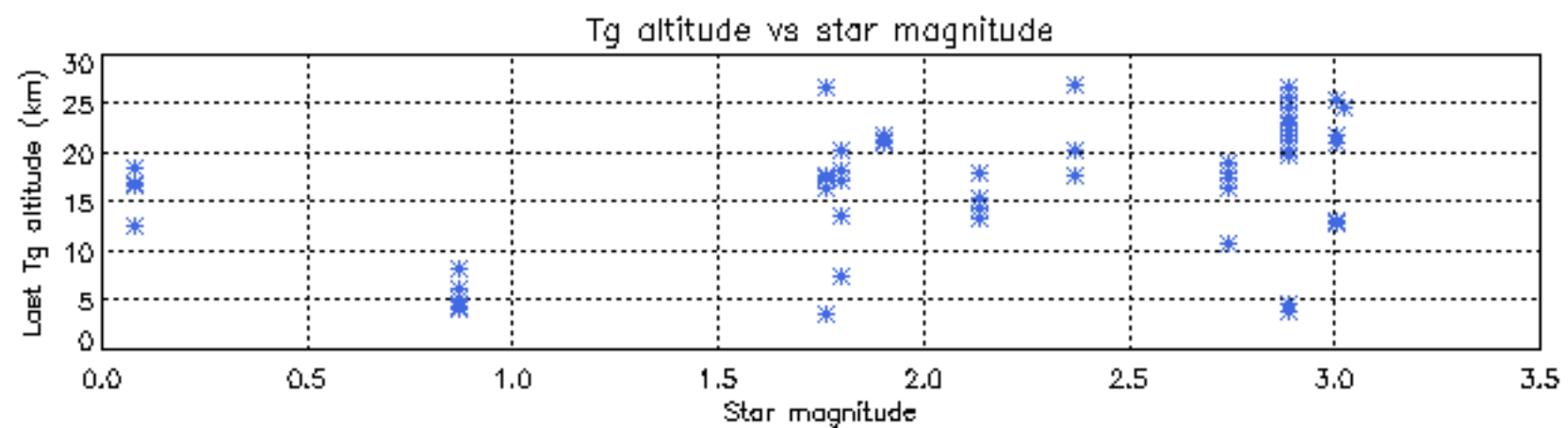
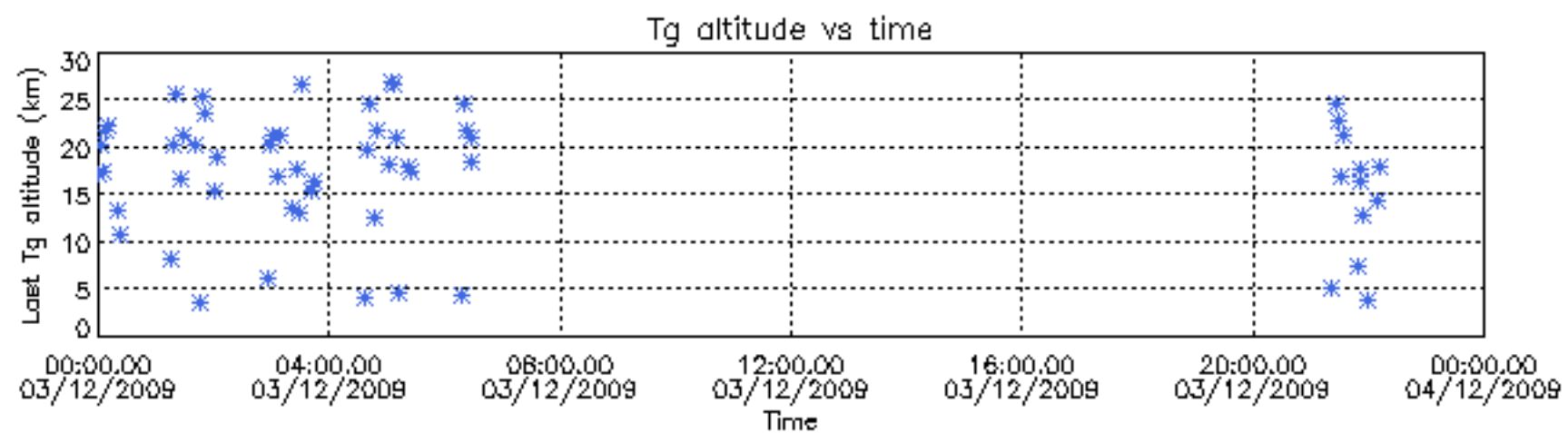


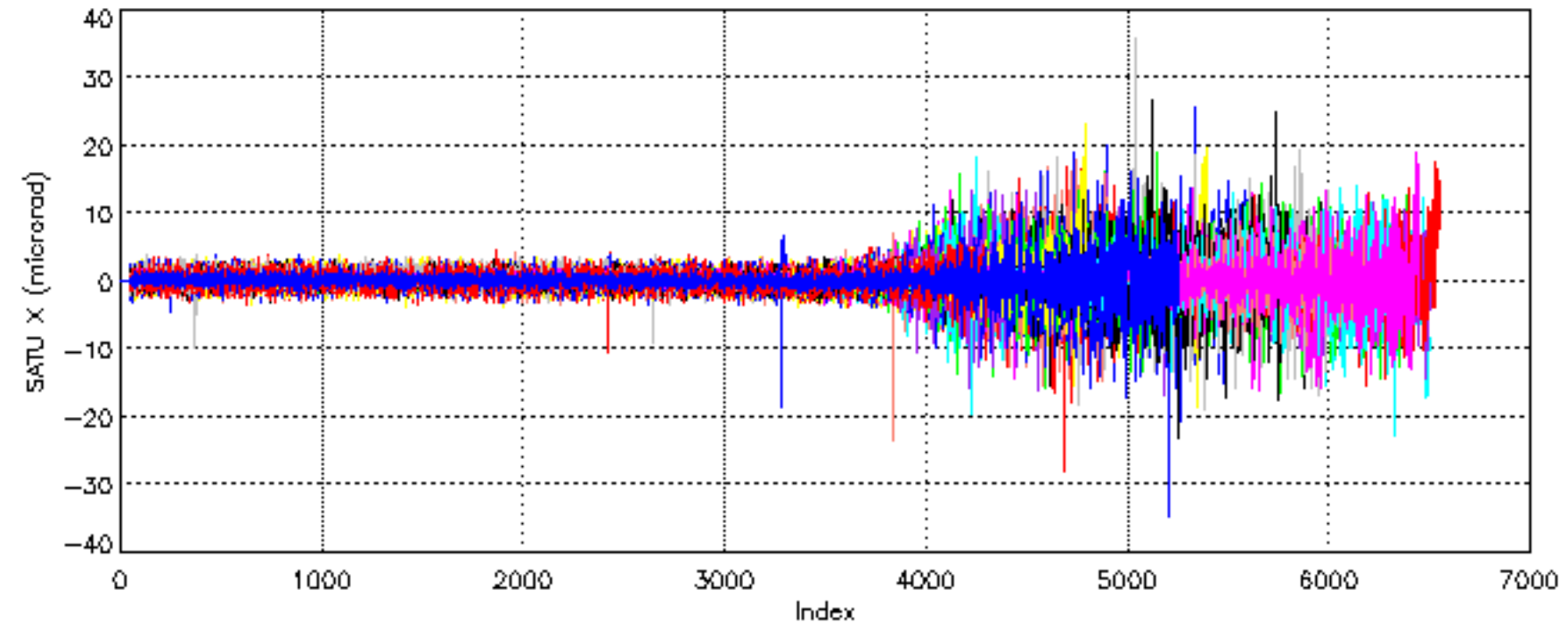


Tangent altitude at which the star is lost

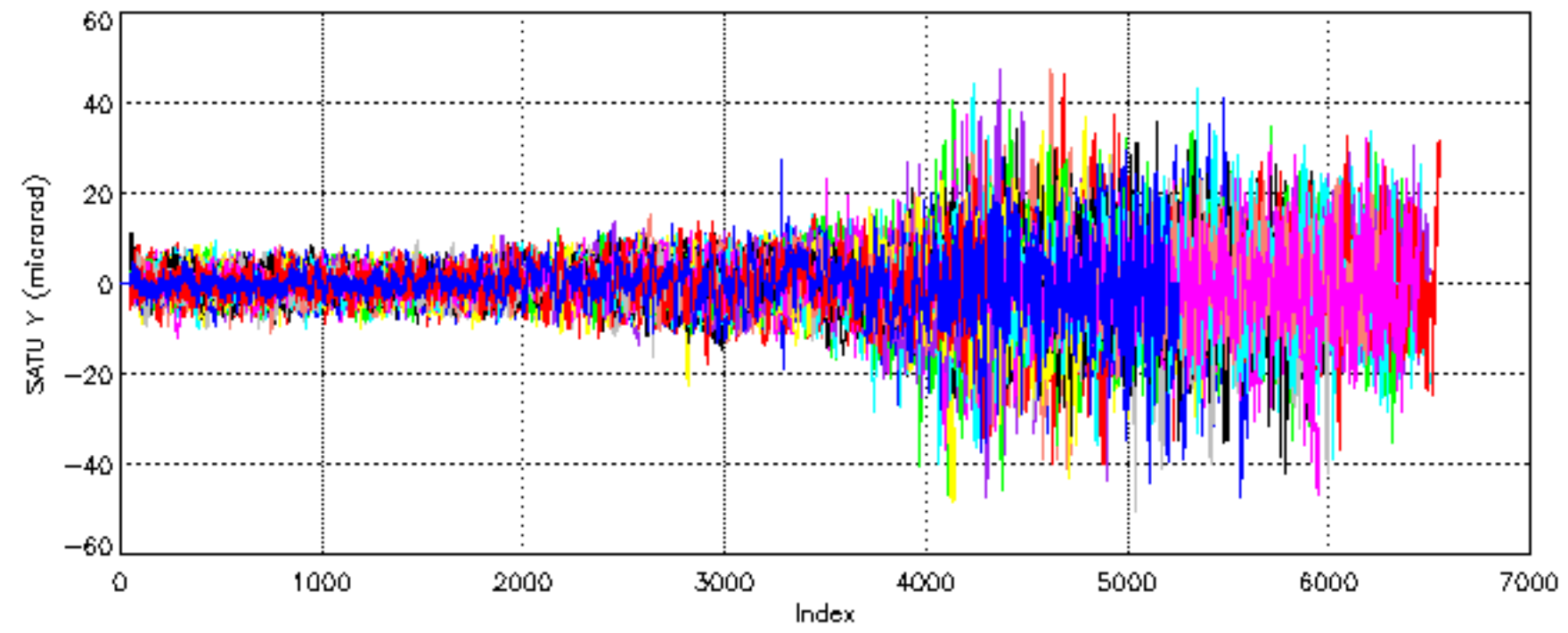


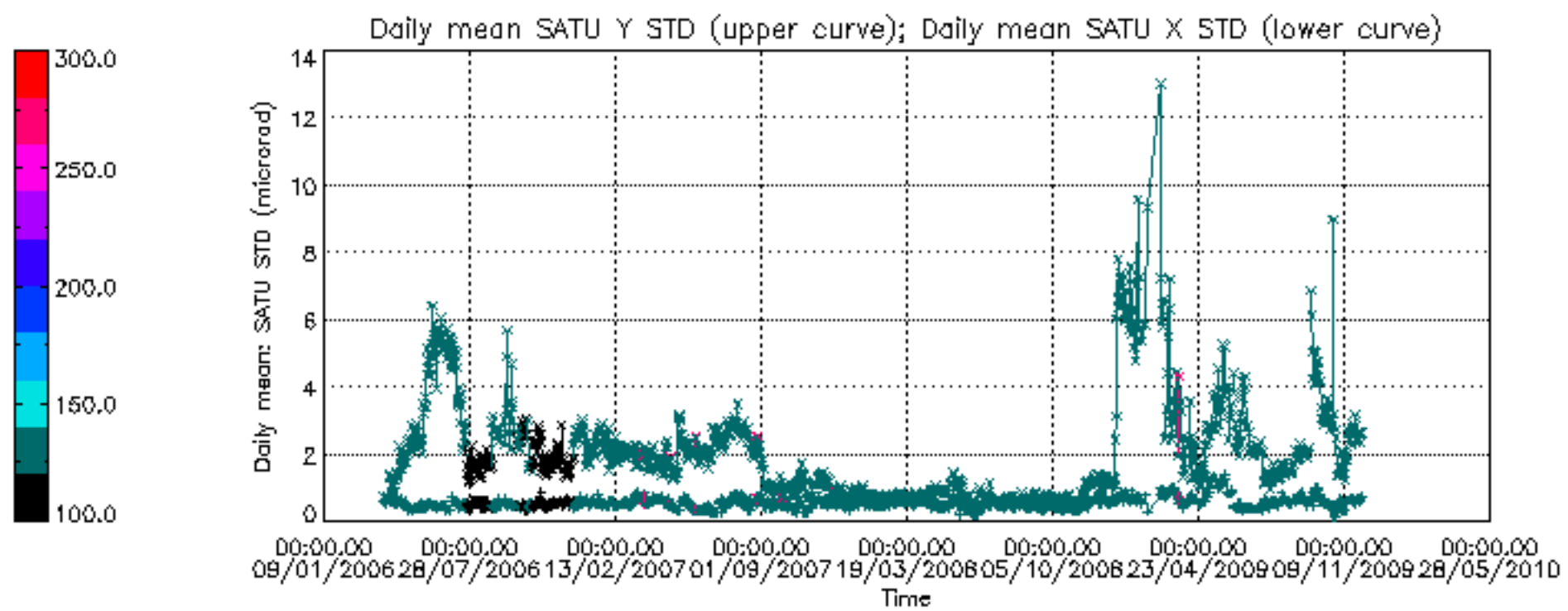
Tangent altitude at which the star is lost











/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20091201\_013105\_000044402084\_00403\_40537\_9039.N1

1; -575.6; 01-DEC-2009 01:31:05; Dark ; 49.5; 100; 4Gam Crv ; 2.58; 13100;occ; 99; 0;40537  
 2; -480.0; 01-DEC-2009 01:32:41; Dark ; 48.5; 171; 2Eps Crv ; 3.00; 4250;occ; 97; 0;40537  
 3; 88.7; 01-DEC-2009 01:42:10; Dark ; 48.5; 113; Mu Vel ; 2.69; 5000;occ; 97; 0;40538  
 4; 407.7; 01-DEC-2009 01:47:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40538  
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13; 2081.6; 03-DEC-2009 02:52:44; Dark ; 59.5; 27; 24Gam Ori ; 1.64; 26000;occ; 119; 0;40567
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 5; 2372.6; 09-DEC-2009 09:51:28; Bright; 48.0; 176; 23Zet Tau ; 3.02; 22000;occ; 96; 0;40657  
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 8; 3774.4; 09-DEC-2009 10:14:50; Bright; 48.0; 36; 50Alp UMa ; 1.80; 6300;occ; 96; 0;40657  
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 10; 4000.3; 09-DEC-2009 10:18:36; Bright; 40.0; 32; 77Eps UMa ; 1.76; 11000;occ; 80; 0;40657  
 11; 4140.8; 09-DEC-2009 10:20:56; Bright; 55.0; 39; 85Eta UMa ; 1.85; 24000;occ; 110; 0;40657  
 12; 4353.3; 09-DEC-2009 10:24:29; Bright; 63.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 126; 0;40657  
 13; 4703.3; 09-DEC-2009 10:30:19; Bright; 37.0; 111; 8Eta Boo ; 2.68; 6000;occ; 74; 0;40657  
 14; 4913.2; 09-DEC-2009 10:33:49; Bright; 65.0; 138; 47Eps Vir ; 2.83; 4700;occ; 130; 0;40657  
 15; 5203.4; 09-DEC-2009 10:38:39; Dark ; 52.5; 121; 29Gam Vir ; 2.74; 7200;occ; 105; 0;40657  
 16; 5473.3; 09-DEC-2009 10:43:09; Dark ; 43.5; 169; 46Gam Hya ; 2.99; 4700;occ; 87; 0;40657  
 17; 5572.3; 09-DEC-2009 10:44:48; Dark ; 54.0; 100; 4Gam Crv ; 2.58; 13100;occ; 108; 0;40657  
 18; 5668.9; 09-DEC-2009 10:46:24; Dark ; 55.5; 171; 2Eps Crv ; 3.00; 4250;occ; 111; 0;40657  
 19; 6222.9; 09-DEC-2009 10:55:38; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;40657  
 20; 6542.1; 09-DEC-2009 11:00:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40657  
 21; 6742.1; 09-DEC-2009 11:04:18; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;40657  
 22; 6862.8; 09-DEC-2009 11:06:18; Dark ; 52.0; 70; Zet Pup ; 2.25; 39000;occ; 104; 0;40657  
 23; 7046.2; 09-DEC-2009 11:09:22; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;40657  
 24; 7194.0; 09-DEC-2009 11:11:50; Dark ; 39.0; 88; 31Eta CMa ; 2.45; 20000;occ; 78; 0;40657  
 25; 7255.6; 09-DEC-2009 11:12:51; Dark ; 59.0; 23; 21Eps CMa ; 1.50; 26000;occ; 118; 0;40657  
 26; 7559.6; 09-DEC-2009 11:17:55; Dark ; 52.5; 47; 2Bet CMa ; 1.98; 28000;occ; 105; 0;40657

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 3; 2114.7; 09-DEC-2009 11:27:46; Dark ; 34.0; 14; 58Alp Ori ; 0.87; 3000;occ; 68; 0;40658  
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 5; 2371.8; 09-DEC-2009 11:32:03; Bright; 49.5; 176; 23Zet Tau ; 3.02; 22000;occ; 99; 0;40658  
 6; 2525.7; 09-DEC-2009 11:34:37; Bright; 44.0; 114; 3Iot Aur ; 2.69; 4600;occ; 88; 0;40658  
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 9; 3865.4; 09-DEC-2009 11:56:57; Bright; 53.0; 82; 48Bet UMa ; 2.37; 10600;occ; 106; 0;40658  
 10; 3999.9; 09-DEC-2009 11:59:11; Bright; 46.0; 32; 77Eps UMa ; 1.76; 11000;occ; 92; 0;40658  
 11; 4140.5; 09-DEC-2009 12:01:32; Bright; 40.5; 39; 85Eta UMa ; 1.85; 24000;occ; 81; 0;40658  
 12; 4353.5; 09-DEC-2009 12:05:05; Bright; 42.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 85; 0;40658  
 13; 4703.4; 09-DEC-2009 12:10:55; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;40658  
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 16; 5474.0; 09-DEC-2009 12:23:45; Dark ; 46.5; 169; 46Gam Hya ; 2.99; 4700;occ; 93; 0;40658  
 17; 5573.6; 09-DEC-2009 12:25:25; Dark ; 51.5; 100; 4Gam Crv ; 2.58; 13100;occ; 103; 0;40658  
 18; 5670.2; 09-DEC-2009 12:27:02; Dark ; 49.5; 171; 2Eps Crv ; 3.00; 4250;occ; 99; 0;40658  
 19; 6223.8; 09-DEC-2009 12:36:15; Dark ; 43.5; 113; Mu Vel ; 2.69; 5000;occ; 87; 0;40658  
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 21; 6743.0; 09-DEC-2009 12:44:54; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;40658  
 22; 6863.9; 09-DEC-2009 12:46:55; Dark ; 52.5; 70; Zet Pup ; 2.25; 39000;occ; 105; 0;40658  
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 26; 7559.7; 09-DEC-2009 12:58:31; Dark ; 56.0; 47; 2Bet CMa ; 1.98; 28000;occ; 112; 0;40658

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 4; 2201.0; 09-DEC-2009 13:09:48; Dark ; 57.0; 13; 87Alp Tau ; 0.87; 3800;occ; 114; 0;40659

5; 2371.3; 09-DEC-2009 13:12:39; Bright; 48.5; 176; 23Zet Tau ; 3.02; 22000;occ; 97; 0;40659  
6; 2525.3; 09-DEC-2009 13:15:13; Bright; 43.5; 114; 3Iot Aur ; 2.69; 4600;occ; 87; 0;40659  
7; 2779.2; 09-DEC-2009 13:19:26; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;40659  
8; 3773.6; 09-DEC-2009 13:36:01; Bright; 48.0; 36; 50Alp UMa ; 1.80; 6300;occ; 96; 0;40659  
9; 3864.9; 09-DEC-2009 13:37:32; Bright; 49.5; 82; 48Bet UMa ; 2.37; 10600;occ; 99; 0;40659  
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11; 4140.5; 09-DEC-2009 13:42:08; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;40659  
12; 4353.8; 09-DEC-2009 13:45:41; Bright; 44.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 89; 0;40659  
13; 4703.7; 09-DEC-2009 13:51:31; Bright; 56.0; 111; 8Eta Boo ; 2.68; 6000;occ; 112; 0;40659  
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19; 6224.8; 09-DEC-2009 14:16:52; Dark ; 44.0; 113; Mu Vel ; 2.69; 5000;occ; 88; 0;40659  
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21; 6743.8; 09-DEC-2009 14:25:31; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;40659  
22; 6864.7; 09-DEC-2009 14:27:32; Dark ; 55.5; 70; Zet Pup ; 2.25; 39000;occ; 111; 0;40659  
23; 7047.7; 09-DEC-2009 14:30:35; Dark ; 57.5; 117; Pi Pup ; 2.71; 3800;occ; 115; 0;40659  
24; 7195.4; 09-DEC-2009 14:33:03; Dark ; 43.0; 88; 31Eta CMa ; 2.45; 20000;occ; 86; 0;40659  
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3; 1898.5; 09-DEC-2009 14:45:22; Dark ; 52.0; 30; 46Eps Ori ; 1.69; 30000;occ; 104; 0;40660  
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5; 2201.0; 09-DEC-2009 14:50:24; Dark ; 57.0; 13; 87Alp Tau ; 0.87; 3800;occ; 114; 0;40660  
6; 2370.8; 09-DEC-2009 14:53:14; Bright; 49.0; 176; 23Zet Tau ; 3.02; 22000;occ; 98; 0;40660  
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9; 3773.1; 09-DEC-2009 15:16:36; Bright; 51.0; 36; 50Alp UMa ; 1.80; 6300;occ; 102; 0;40660  
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11; 3999.9; 09-DEC-2009 15:20:23; Bright; 38.0; 32; 77Eps UMa ; 1.76; 11000;occ; 76; 0;40660  
12; 4140.9; 09-DEC-2009 15:22:44; Bright; 56.0; 39; 85Eta UMa ; 1.85; 24000;occ; 112; 0;40660  
13; 4353.5; 09-DEC-2009 15:26:17; Bright; 43.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 86; 0;40660  
14; 4704.1; 09-DEC-2009 15:32:07; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;40660  
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16; 5206.2; 09-DEC-2009 15:40:29; Dark ; 57.5; 121; 29Gam Vir ; 2.74; 7200;occ; 115; 0;40660  
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18; 5575.9; 09-DEC-2009 15:46:39; Dark ; 53.5; 100; 4Gam Crv ; 2.58; 13100;occ; 107; 0;40660  
19; 5672.4; 09-DEC-2009 15:48:16; Dark ; 54.0; 171; 2Eps Crv ; 3.00; 4250;occ; 108; 0;40660  
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22; 6744.7; 09-DEC-2009 16:06:08; Dark ; 54.0; 34; Gam2Vel ; 1.79; 23000;occ; 108; 0;40660  
23; 6865.8; 09-DEC-2009 16:08:09; Dark ; 52.0; 70; Zet Pup ; 2.25; 39000;occ; 104; 0;40660  
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25; 7196.1; 09-DEC-2009 16:13:39; Dark ; 43.0; 88; 31Eta CMa ; 2.45; 20000;occ; 86; 0;40660  
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4; 1898.7; 09-DEC-2009 16:25:58; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;40661  
5; 2113.0; 09-DEC-2009 16:29:32; Dark ; 41.0; 14; 58Alp Ori ; 0.87; 3000;occ; 82; 0;40661  
6; 2200.8; 09-DEC-2009 16:31:00; Dark ; 52.0; 13; 87Alp Tau ; 0.87; 3800;occ; 104; 0;40661  
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8; 2524.7; 09-DEC-2009 16:36:24; Bright; 43.5; 114; 3Iot Aur ; 2.69; 4600;occ; 87; 0;40661  
9; 2778.3; 09-DEC-2009 16:40:37; Bright; 59.5; 6; 13Alp Aur ; 0.08; 3400;occ; 119; 0;40661  
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13; 4141.0; 09-DEC-2009 17:03:20; Bright; 55.5; 39; 85Eta UMa ; 1.85; 24000;occ; 111; 0;40661  
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17; 5207.1; 09-DEC-2009 17:21:06; Dark ; 52.0; 121; 29Gam Vir ; 2.74; 7200;occ; 104; 0;40661  
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19; 5577.1; 09-DEC-2009 17:27:16; Dark ; 52.0; 100; 4Gam Crv ; 2.58; 13100;occ; 104; 0;40661

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21; 6226.6; 09-DEC-2009 17:38:06; Dark ; 44.0; 113; Mu Vel ; 2.69; 5000;occ; 88; 0;40661
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23; 6745.6; 09-DEC-2009 17:46:45; Dark ; 49.0; 34; Gam2Vel ; 1.79; 23000;occ; 98; 0;40661
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22; 6875.5; 10-DEC-2009 10:34:54; Dark ; 53.5; 70; Zet Pup ; 2.25; 39000;occ; 107; 0;40671
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 19; 5687.9; 10-DEC-2009 15:16:54; Dark ; 53.5; 171; 2Eps Crv ; 3.00; 4250;occ; 107; 0;40674  
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21; 5690.1; 10-DEC-2009 18:38:08; Dark ; 49.5; 171; 2Eps Crv ; 3.00; 4250;occ; 99; 0;40676
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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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 11; 1555.7; 11-DEC-2009 01:52:14; Dark ; 47.0; 101; 11Alp Lep ; 2.58; 7000;occ; 94; 0;40681  
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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

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20091211\_115541\_000060572085\_00052\_40687\_5741.N1

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

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1; 1528.3; 11-DEC-2009 15:16:34; Dark ; 41.0; 47; 2Bet CMA ; 1.98; 28000;occ; 82; 0;40689  
 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

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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  
 21; 5940.2; 11-DEC-2009 18:10:42; Dark ; 40.0; 64; Gam Cen ; 2.20; 10600;occ; 80; 0;40690  
 22; 6033.8; 11-DEC-2009 18:12:15; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;40690  
 23; 6251.8; 11-DEC-2009 18:15:53; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;40690  
 24; 6494.7; 11-DEC-2009 18:19:56; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;40690  
 25; 6568.4; 11-DEC-2009 18:21:10; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40690  
 26; 6768.2; 11-DEC-2009 18:24:30; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;40690  
 27; 6915.9; 11-DEC-2009 18:26:57; Dark ; 53.0; 2; Alp Car ; -0.74; 7000;occ; 106; 0;40690  
 28; 7067.9; 11-DEC-2009 18:29:29; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;40690

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20091211\_182946\_000059212085\_00056\_40691\_5745.N1

1; 1048.4; 11-DEC-2009 18:29:46; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 33;40691  
 2; 1236.3; 11-DEC-2009 18:32:54; Dark ; 58.5; 23; 21Eps CMa ; 1.50; 26000;occ; 117; 0;40691  
 3; 1528.7; 11-DEC-2009 18:37:46; Dark ; 46.0; 47; 2Bet CMa ; 1.98; 28000;occ; 92; 0;40691  
 4; 1748.2; 11-DEC-2009 18:41:26; Dark ; 49.0; 7; 19Bet Ori ; 0.10; 14000;occ; 98; 0;40691  
 5; 1893.3; 11-DEC-2009 18:43:51; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;40691  
 6; 2039.3; 11-DEC-2009 18:46:17; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;40691  
 7; 2196.3; 11-DEC-2009 18:48:54; Dark ; 54.5; 13; 87Alp Tau ; 0.87; 3800;occ; 109; 0;40691  
 8; 2353.6; 11-DEC-2009 18:51:31; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;40691  
 9; 2474.9; 11-DEC-2009 18:53:32; Bright; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;40691  
 10; 2590.8; 11-DEC-2009 18:55:28; Bright; 34.5; 149; 45Eps Per ; 2.89; 30000;occ; 69; 0;40691  
 11; 2764.9; 11-DEC-2009 18:58:22; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;40691  
 12; 3759.3; 11-DEC-2009 19:14:57; Bright; 43.0; 36; 50Alp UMa ; 1.80; 6300;occ; 86; 0;40691  
 13; 3994.7; 11-DEC-2009 19:18:52; Bright; 46.0; 32; 77Eps UMa ; 1.76; 11000;occ; 92; 0;40691  
 14; 4140.2; 11-DEC-2009 19:21:18; Bright; 42.0; 39; 85Eta UMa ; 1.85; 24000;occ; 84; 0;40691  
 15; 4332.4; 11-DEC-2009 19:24:30; Bright; 34.0; 180; 27Gam Boo ; 3.04; 8000;occ; 68; 0;40691  
 16; 4712.6; 11-DEC-2009 19:30:50; Bright; 38.5; 111; 8Eta Boo ; 2.68; 6000;occ; 77; 0;40691  
 17; 4931.5; 11-DEC-2009 19:34:29; Bright; 68.0; 138; 47Eps Vir ; 2.83; 4700;occ; 136; 0;40691  
 18; 5233.2; 11-DEC-2009 19:39:31; Dark ; 55.5; 121; 29Gam Vir ; 2.74; 7200;occ; 111; 0;40691  
 19; 5494.8; 11-DEC-2009 19:43:52; Dark ; 45.5; 169; 46Gam Hya ; 2.99; 4700;occ; 91; 0;40691  
 20; 5611.2; 11-DEC-2009 19:45:49; Dark ; 52.5; 100; 4Gam Crv ; 2.58; 13100;occ; 105; 0;40691  
 21; 5707.4; 11-DEC-2009 19:47:25; Dark ; 56.0; 171; 2Eps Crv ; 3.00; 4250;occ; 112; 0;40691  
 22; 5940.8; 11-DEC-2009 19:51:18; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;40691  
 23; 6034.2; 11-DEC-2009 19:52:52; Dark ; 43.0; 99; Del Cen ; 2.58; 26000;occ; 86; 0;40691  
 24; 6252.5; 11-DEC-2009 19:56:30; Dark ; 54.0; 113; Mu Vel ; 2.69; 5000;occ; 108; 0;40691  
 25; 6495.3; 11-DEC-2009 20:00:33; Dark ; 38.5; 71; Iot Car ; 2.25; 7700;occ; 77; 0;40691  
 26; 6569.1; 11-DEC-2009 20:01:47; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40691  
 27; 6768.9; 11-DEC-2009 20:05:06; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;40691  
 28; 6916.2; 11-DEC-2009 20:07:34; Dark ; 53.5; 2; Alp Car ; -0.74; 7000;occ; 107; 0;40691

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1; -744.8; 12-DEC-2009 00:42:16; Dark ; 51.5; 15; 67Alp Vir ; 0.98; 28000;occ; 103; 6;40694  
 2; -539.2; 12-DEC-2009 00:45:42; Dark ; 44.5; 169; 46Gam Hya ; 2.99; 4700;occ; 89; 0;40694  
 3; -325.1; 12-DEC-2009 00:49:16; Dark ; 52.0; 171; 2Eps Crv ; 3.00; 4250;occ; 104; 0;40694  
 4; -93.5; 12-DEC-2009 00:53:08; Dark ; 39.0; 64; Gam Cen ; 2.20; 10600;occ; 78; 0;40694  
 5; 0.3; 12-DEC-2009 00:54:41; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;40695  
 6; 219.2; 12-DEC-2009 00:58:20; Dark ; 49.5; 113; Mu Vel ; 2.69; 5000;occ; 99; 0;40695  
 7; 461.2; 12-DEC-2009 01:02:22; Dark ; 45.0; 71; Iot Car ; 2.25; 7700;occ; 90; 0;40695  
 8; 535.5; 12-DEC-2009 01:03:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40695  
 9; 735.0; 12-DEC-2009 01:06:56; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;40695  
 10; 881.5; 12-DEC-2009 01:09:23; Dark ; 40.0; 2; Alp Car ; -0.74; 7000;occ; 80; 0;40695  
 11; 1034.5; 12-DEC-2009 01:11:55; Dark ; 52.5; 117; Pi Pup ; 2.71; 3800;occ; 105; 0;40695  
 12; 1238.4; 12-DEC-2009 01:15:19; Dark ; 55.0; 23; 21Eps CMa ; 1.50; 26000;occ; 110; 0;40695  
 13; 1529.2; 12-DEC-2009 01:20:10; Dark ; 54.0; 47; 2Bet CMa ; 1.98; 28000;occ; 108; 0;40695  
 14; 1748.1; 12-DEC-2009 01:23:49; Dark ; 50.0; 7; 19Bet Ori ; 0.10; 14000;occ; 100; 0;40695  
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 13; 4139.9; 12-DEC-2009 15:28:28; Bright; 41.0; 39; 85Eta UMa ; 1.85; 24000;occ; 82; 0;40703  
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27; 4333.8; 12-DEC-2009 22:14:06; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;40707  
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21; 6272.6; 13-DEC-2009 10:30:37; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;40714
22; 6509.9; 13-DEC-2009 10:34:34; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40714
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26; 7082.7; 13-DEC-2009 10:44:07; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;40714
27; 7283.4; 13-DEC-2009 10:47:27; Dark ; 54.0; 23; 21Eps CMA ; 1.50; 26000;occ; 108; 0;40714
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2; 1889.5; 13-DEC-2009 10:58:09; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;40715
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9; 2817.1; 13-DEC-2009 11:13:37; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;40715
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11; 3990.2; 13-DEC-2009 11:33:10; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;40715
12; 4139.3; 13-DEC-2009 11:35:39; Bright; 57.0; 39; 85Eta UMa ; 1.85; 24000;occ; 114; 0;40715
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
15; 4945.6; 13-DEC-2009 11:49:05; Bright; 70.0; 138; 47Eps Vir ; 2.83; 4700;occ; 140; 0;40715
16; 5301.3; 13-DEC-2009 11:55:01; Dark ; 48.5; 15; 67Alp Vir ; 0.98; 28000;occ; 97; 0;40715
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 22; 6510.4; 13-DEC-2009 12:15:10; Dark ; 45.0; 71; Iot Car ; 2.25; 7700;occ; 90; 0;40715  
 23; 6587.6; 13-DEC-2009 12:16:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40715  
 24; 6786.6; 13-DEC-2009 12:19:46; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;40715  
 25; 6926.1; 13-DEC-2009 12:22:06; Dark ; 54.0; 2; Alp Car ; -0.74; 7000;occ; 108; 0;40715  
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 27; 7283.9; 13-DEC-2009 12:28:04; Dark ; 54.0; 23; 21Eps CMA ; 1.50; 26000;occ; 108; 0;40715  
 28; 7568.1; 13-DEC-2009 12:32:48; Dark ; 52.5; 47; 2Bet CMA ; 1.98; 28000;occ; 105; 0;40715

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 4; 2088.1; 13-DEC-2009 12:42:04; Dark ; 26.0; 14; 58Alp Ori ; 0.87; 3000;occ; 52; 0;40716  
 5; 2193.6; 13-DEC-2009 12:43:49; Dark ; 49.0; 13; 87Alp Tau ; 0.87; 3800;occ; 98; 0;40716  
 6; 2463.1; 13-DEC-2009 12:48:19; Bright; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;40716  
 7; 2589.3; 13-DEC-2009 12:50:25; Bright; 35.5; 149; 45Eps Per ; 2.89; 30000;occ; 71; 0;40716  
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 9; 2816.4; 13-DEC-2009 12:54:12; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;40716  
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 12; 4139.5; 13-DEC-2009 13:16:15; Bright; 52.5; 39; 85Eta UMa ; 1.85; 24000;occ; 105; 0;40716  
 13; 4334.7; 13-DEC-2009 13:19:31; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;40716  
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 16; 5302.0; 13-DEC-2009 13:35:38; Dark ; 53.0; 15; 67Alp Vir ; 0.98; 28000;occ; 106; 0;40716  
 17; 5511.4; 13-DEC-2009 13:39:07; Dark ; 45.0; 169; 46Gam Hya ; 2.99; 4700;occ; 90; 0;40716  
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 19; 5737.2; 13-DEC-2009 13:42:53; Dark ; 56.0; 171; 2Eps Crv ; 3.00; 4250;occ; 112; 0;40716  
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 27; 7083.9; 13-DEC-2009 14:05:20; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 0;40716  
 28; 7284.4; 13-DEC-2009 14:08:40; Dark ; 52.5; 23; 21Eps CMA ; 1.50; 26000;occ; 105; 0;40716

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 6; 2462.7; 13-DEC-2009 14:28:54; Bright; 46.0; 28; 12Bet Tau ; 1.65; 15200;occ; 92; 0;40717  
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 12; 4139.6; 13-DEC-2009 14:56:51; Bright; 57.0; 39; 85Eta UMa ; 1.85; 24000;occ; 114; 0;40717  
 13; 4334.9; 13-DEC-2009 15:00:07; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;40717  
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 15; 4947.0; 13-DEC-2009 15:10:19; Bright; 70.0; 138; 47Eps Vir ; 2.83; 4700;occ; 140; 0;40717  
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 15; 4334.9; 13-DEC-2009 16:40:43; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;40718  
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 22; 5956.6; 13-DEC-2009 17:07:44; Dark ; 39.0; 64; Gam Cen ; 2.20; 10600;occ; 78; 0;40718  
 23; 6052.2; 13-DEC-2009 17:09:20; Dark ; 39.5; 99; Del Cen ; 2.58; 26000;occ; 79; 0;40718  
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 19; 5304.1; 13-DEC-2009 18:37:28; Dark ; 51.5; 15; 67Alp Vir ; 0.98; 28000;occ; 103; 0;40719  
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 23; 5957.1; 13-DEC-2009 18:48:21; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;40719  
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 29; 6927.9; 13-DEC-2009 19:04:32; Dark ; 40.5; 2; Alp Car ; -0.74; 7000;occ; 81; 0;40719

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24; 6954.5; 17-DEC-2009 08:35:31; Dark ; 51.5; 70; Zet Pup ; 2.25; 39000;occ; 103; 0;40770
25; 7114.6; 17-DEC-2009 08:38:11; Dark ; 53.0; 117; Pi Pup ; 2.71; 3800;occ; 106; 0;40770
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27; 7414.1; 17-DEC-2009 10:23:47; Dark ; 45.0; 179; 24Omi2CMa ; 3.03; 24000;occ; 90; 0;40771
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 13; 4534.5; 17-DEC-2009 11:16:23; Bright; 54.0; 83; ; 2.38; 11000;occ; 108; 0;40772  
 14; 4737.1; 17-DEC-2009 11:19:46; Bright; 41.5; 111; 8Eta Boo ; 2.68; 6000;occ; 83; 0;40772  
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 22; 6630.4; 17-DEC-2009 11:51:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40772  
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 25; 7123.5; 18-DEC-2009 13:08:31; Dark ; 53.0; 117; Pi Pup ; 2.71; 3800;occ; 106; 0;40787  
 26; 7313.8; 18-DEC-2009 13:11:41; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;40787  
 27; 7418.7; 18-DEC-2009 13:13:26; Dark ; 52.5; 179; 240mi2CMA ; 3.03; 24000;occ; 105; 0;40787  
 28; 7594.7; 18-DEC-2009 13:16:22; Dark ; 8.5; 1; 9Alp CMA ; -1.44; 11000;occ; 17; 0;40787

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20091218\_131622\_000059122085\_00153\_40788\_5804.N1

1; 1558.8; 18-DEC-2009 13:16:22; Dark ; 62.0; 1; 9Alp CMA ; -1.44; 11000;occ; 124; 0;40788  
 2; 1751.5; 18-DEC-2009 13:19:35; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;40788  
 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  
 5; 2188.7; 18-DEC-2009 13:26:52; Dark ; 44.0; 13; 87Alp Tau ; 0.87; 3800;occ; 88; 0;40788  
 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  
 15; 4742.3; 18-DEC-2009 14:09:26; Bright; 43.0; 111; 8Eta Boo ; 2.68; 6000;occ; 86; 0;40788  
 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



19; 6000.5; 18-DEC-2009 14:30:24; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;40788  
 20; 6100.8; 18-DEC-2009 14:32:04; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;40788  
 21; 6338.6; 18-DEC-2009 14:36:02; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;40788  
 22; 6555.5; 18-DEC-2009 14:39:39; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40788  
 23; 6642.2; 18-DEC-2009 14:41:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40788  
 24; 6838.3; 18-DEC-2009 14:44:22; Dark ; 52.5; 34; Gam2Vel ; 1.79; 23000;occ; 105; 0;40788  
 25; 6967.6; 18-DEC-2009 14:46:31; Dark ; 51.0; 70; Zet Pup ; 2.25; 39000;occ; 102; 0;40788  
 26; 7124.2; 18-DEC-2009 14:49:08; Dark ; 52.0; 117; Pi Pup ; 2.71; 3800;occ; 104; 0;40788  
 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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1; 1429.8; 18-DEC-2009 14:54:49; Dark ; 52.5; 179; 240mi2CMA ; 3.03; 24000;occ; 105; 93;40789  
 2; 1558.9; 18-DEC-2009 14:56:58; Dark ; 61.0; 1; 9Alp CMA ; -1.44; 11000;occ; 122; 0;40789  
 3; 1751.6; 18-DEC-2009 15:00:11; Dark ; 45.5; 7; 19Bet Ori ; 0.10; 14000;occ; 91; 0;40789  
 4; 1881.8; 18-DEC-2009 15:02:21; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;40789  
 5; 2063.1; 18-DEC-2009 15:05:22; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;40789  
 6; 2188.6; 18-DEC-2009 15:07:28; Dark ; 45.5; 13; 87Alp Tau ; 0.87; 3800;occ; 91; 0;40789  
 7; 2311.0; 18-DEC-2009 15:09:30; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;40789  
 8; 2434.6; 18-DEC-2009 15:11:34; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;40789  
 9; 2643.0; 18-DEC-2009 15:15:02; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;40789  
 10; 2774.5; 18-DEC-2009 15:17:14; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;40789  
 11; 3703.9; 18-DEC-2009 15:32:43; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;40789  
 12; 3974.0; 18-DEC-2009 15:37:13; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;40789  
 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  
 19; 5729.3; 18-DEC-2009 16:06:29; Dark ; 55.0; 106; 9Bet Crv ; 2.65; 5600;occ; 110; 0;40789  
 20; 6001.2; 18-DEC-2009 16:11:01; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;40789  
 21; 6101.6; 18-DEC-2009 16:12:41; Dark ; 42.5; 99; Del Cen ; 2.58; 26000;occ; 85; 0;40789  
 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  
 24; 6643.0; 18-DEC-2009 16:21:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40789  
 25; 6839.1; 18-DEC-2009 16:24:58; Dark ; 51.5; 34; Gam2Vel ; 1.79; 23000;occ; 103; 0;40789  
 26; 6968.4; 18-DEC-2009 16:27:08; Dark ; 51.5; 70; Zet Pup ; 2.25; 39000;occ; 103; 0;40789  
 27; 7125.0; 18-DEC-2009 16:29:44; Dark ; 52.0; 117; Pi Pup ; 2.71; 3800;occ; 104; 0;40789  
 28; 7314.8; 18-DEC-2009 16:32:54; Dark ; 47.5; 23; 21Eps CMA ; 1.50; 26000;occ; 95; 0;40789

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1; 1278.8; 18-DEC-2009 16:32:54; Dark ; 52.5; 23; 21Eps CMA ; 1.50; 26000;occ; 105; 0;40790  
 2; 1383.8; 18-DEC-2009 16:34:39; Dark ; 52.0; 179; 240mi2CMA ; 3.03; 24000;occ; 104; 0;40790  
 3; 1559.0; 18-DEC-2009 16:37:34; Dark ; 60.5; 1; 9Alp CMA ; -1.44; 11000;occ; 121; 0;40790  
 4; 1751.8; 18-DEC-2009 16:40:47; Dark ; 47.0; 7; 19Bet Ori ; 0.10; 14000;occ; 94; 0;40790  
 5; 1882.0; 18-DEC-2009 16:42:57; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;40790  
 6; 2062.8; 18-DEC-2009 16:45:58; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;40790  
 7; 2188.4; 18-DEC-2009 16:48:04; Dark ; 48.0; 13; 87Alp Tau ; 0.87; 3800;occ; 96; 0;40790  
 8; 2310.5; 18-DEC-2009 16:50:06; Bright; 41.0; 176; 23Zet Tau ; 3.02; 22000;occ; 82; 0;40790  
 9; 2434.3; 18-DEC-2009 16:52:10; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;40790  
 10; 2642.4; 18-DEC-2009 16:55:38; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;40790  
 11; 2773.8; 18-DEC-2009 16:57:49; Bright; 42.5; 42; 34Bet Aur ; 1.90; 10200;occ; 85; 0;40790  
 12; 3703.9; 18-DEC-2009 17:13:19; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;40790  
 13; 3973.7; 18-DEC-2009 17:17:49; Bright; 63.0; 32; 77Eps UMa ; 1.76; 11000;occ; 126; 0;40790  
 14; 4134.9; 18-DEC-2009 17:20:30; Bright; 38.5; 39; 85Eta UMa ; 1.85; 24000;occ; 77; 0;40790  
 15; 4341.5; 18-DEC-2009 17:23:57; Bright; 56.0; 180; 27Gam Boo ; 3.04; 8000;occ; 112; 0;40790  
 16; 4537.8; 18-DEC-2009 17:27:13; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;40790  
 17; 4743.0; 18-DEC-2009 17:30:38; Bright; 50.0; 111; 8Eta Boo ; 2.68; 6000;occ; 100; 0;40790  
 18; 5356.5; 18-DEC-2009 17:40:52; Dark ; 57.5; 15; 67Alp Vir ; 0.98; 28000;occ; 115; 0;40790  
 19; 5567.2; 18-DEC-2009 17:44:23; Dark ; 46.0; 169; 46Gam Hya ; 2.99; 4700;occ; 92; 0;40790  
 20; 5730.6; 18-DEC-2009 17:47:06; Dark ; 54.0; 106; 9Bet Crv ; 2.65; 5600;occ; 108; 0;40790  
 21; 6001.9; 18-DEC-2009 17:51:37; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;40790  
 22; 6102.3; 18-DEC-2009 17:53:18; Dark ; 41.5; 99; Del Cen ; 2.58; 26000;occ; 83; 0;40790  
 23; 6340.5; 18-DEC-2009 17:57:16; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40790  
 24; 6556.8; 18-DEC-2009 18:00:52; Dark ; 43.0; 71; Iot Car ; 2.25; 7700;occ; 86; 0;40790  
 25; 6643.7; 18-DEC-2009 18:02:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40790  
 26; 6839.8; 18-DEC-2009 18:05:35; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;40790  
 27; 6969.2; 18-DEC-2009 18:07:45; Dark ; 50.0; 70; Zet Pup ; 2.25; 39000;occ; 100; 0;40790  
 28; 7125.4; 18-DEC-2009 18:10:21; Dark ; 32.5; 117; Pi Pup ; 2.71; 3800;occ; 65; 0;40790

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1; 1089.4; 18-DEC-2009 18:10:21; Dark ; 51.0; 117; Pi Pup ; 2.71; 3800;occ; 102; 0;40791  
 2; 1279.2; 18-DEC-2009 18:13:31; Dark ; 53.0; 23; 21Eps CMa ; 1.50; 26000;occ; 106; 0;40791  
 3; 1384.3; 18-DEC-2009 18:15:16; Dark ; 49.0; 179; 240mi2CMa ; 3.03; 24000;occ; 98; 0;40791  
 4; 1559.3; 18-DEC-2009 18:18:11; Dark ; 60.5; 1; 9Alp CMa ; -1.44; 11000;occ; 121; 0;40791  
 5; 1751.8; 18-DEC-2009 18:21:23; Dark ; 47.5; 7; 19Bet Ori ; 0.10; 14000;occ; 95; 0;40791  
 6; 1881.9; 18-DEC-2009 18:23:33; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;40791  
 7; 2062.6; 18-DEC-2009 18:26:34; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;40791  
 8; 2188.5; 18-DEC-2009 18:28:40; Dark ; 43.5; 13; 87Alp Tau ; 0.87; 3800;occ; 87; 0;40791  
 9; 2310.3; 18-DEC-2009 18:30:42; Bright; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;40791  
 10; 2434.0; 18-DEC-2009 18:32:45; Bright; 42.5; 28; 12Bet Tau ; 1.65; 15200;occ; 85; 0;40791  
 11; 2642.0; 18-DEC-2009 18:36:13; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;40791  
 12; 2773.4; 18-DEC-2009 18:38:25; Bright; 41.5; 42; 34Bet Aur ; 1.90; 10200;occ; 83; 0;40791  
 13; 3703.5; 18-DEC-2009 18:53:55; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;40791  
 14; 3973.5; 18-DEC-2009 18:58:25; Bright; 44.5; 32; 77Eps UMa ; 1.76; 11000;occ; 89; 0;40791  
 15; 4134.7; 18-DEC-2009 19:01:06; Bright; 52.0; 39; 85Eta UMa ; 1.85; 24000;occ; 104; 0;40791  
 16; 4341.6; 18-DEC-2009 19:04:33; Bright; 35.5; 180; 27Gam Boo ; 3.04; 8000;occ; 71; 0;40791  
 17; 4537.8; 18-DEC-2009 19:07:49; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;40791  
 18; 4743.5; 18-DEC-2009 19:11:15; Bright; 43.0; 111; 8Eta Boo ; 2.68; 6000;occ; 86; 0;40791  
 19; 5357.3; 18-DEC-2009 19:21:29; Dark ; 50.0; 15; 67Alp Vir ; 0.98; 28000;occ; 100; 0;40791  
 20; 5567.9; 18-DEC-2009 19:24:59; Dark ; 44.5; 169; 46Gam Hya ; 2.99; 4700;occ; 89; 0;40791  
 21; 5731.7; 18-DEC-2009 19:27:43; Dark ; 53.0; 106; 9Bet Crv ; 2.65; 5600;occ; 106; 0;40791  
 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  
 24; 6341.4; 18-DEC-2009 19:37:53; Dark ; 55.5; 113; Mu Vel ; 2.69; 5000;occ; 111; 0;40791  
 25; 6557.4; 18-DEC-2009 19:41:29; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40791  
 26; 6644.4; 18-DEC-2009 19:42:56; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40791  
 27; 6840.4; 18-DEC-2009 19:46:12; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;40791

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1; -676.3; 19-DEC-2009 00:23:19; Dark ; 53.5; 15; 67Alp Vir ; 0.98; 28000;occ; 107; 0;40794  
 2; -465.4; 19-DEC-2009 00:26:50; Dark ; 48.5; 169; 46Gam Hya ; 2.99; 4700;occ; 97; 0;40794  
 3; -300.9; 19-DEC-2009 00:29:34; Dark ; 64.0; 106; 9Bet Crv ; 2.65; 5600;occ; 128; 0;40794  
 4; -31.6; 19-DEC-2009 00:34:03; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;40794  
 5; 69.1; 19-DEC-2009 00:35:44; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;40795  
 6; 308.0; 19-DEC-2009 00:39:43; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;40795  
 7; 523.3; 19-DEC-2009 00:43:18; Dark ; 47.0; 71; Iot Car ; 2.25; 7700;occ; 94; 0;40795  
 8; 610.6; 19-DEC-2009 00:44:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40795  
 9; 806.2; 19-DEC-2009 00:48:01; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;40795  
 10; 935.6; 19-DEC-2009 00:50:11; Dark ; 51.5; 70; Zet Pup ; 2.25; 39000;occ; 103; 0;40795  
 11; 1091.1; 19-DEC-2009 00:52:46; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;40795  
 12; 1280.7; 19-DEC-2009 00:55:56; Dark ; 50.0; 23; 21Eps CMa ; 1.50; 26000;occ; 100; 0;40795  
 13; 1385.0; 19-DEC-2009 00:57:40; Dark ; 53.5; 179; 240mi2CMa ; 3.03; 24000;occ; 107; 0;40795  
 14; 1559.4; 19-DEC-2009 01:00:34; Dark ; 60.0; 1; 9Alp CMa ; -1.44; 11000;occ; 120; 0;40795  
 15; 1752.0; 19-DEC-2009 01:03:47; Dark ; 45.0; 7; 19Bet Ori ; 0.10; 14000;occ; 90; 0;40795  
 16; 1881.3; 19-DEC-2009 01:05:56; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;40795  
 17; 2061.4; 19-DEC-2009 01:08:56; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;40795  
 18; 2188.2; 19-DEC-2009 01:11:03; Dark ; 52.0; 13; 87Alp Tau ; 0.87; 3800;occ; 104; 0;40795  
 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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1; -675.3; 19-DEC-2009 02:03:56; Dark ; 49.5; 15; 67Alp Vir ; 0.98; 28000;occ; 99; 0;40795  
 2; -464.7; 19-DEC-2009 02:07:26; Dark ; 49.0; 169; 46Gam Hya ; 2.99; 4700;occ; 98; 0;40795  
 3; -299.7; 19-DEC-2009 02:10:11; Dark ; 53.5; 106; 9Bet Crv ; 2.65; 5600;occ; 107; 0;40795  
 4; -31.0; 19-DEC-2009 02:14:40; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;40795  
 5; 69.7; 19-DEC-2009 02:16:21; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;40796  
 6; 308.9; 19-DEC-2009 02:20:20; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40796  
 7; 523.7; 19-DEC-2009 02:23:55; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40796  
 8; 611.3; 19-DEC-2009 02:25:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40796  
 9; 807.0; 19-DEC-2009 02:28:38; Dark ; 51.0; 34; Gam2Vel ; 1.79; 23000;occ; 102; 0;40796  
 10; 936.5; 19-DEC-2009 02:30:47; Dark ; 49.5; 70; Zet Pup ; 2.25; 39000;occ; 99; 0;40796

11; 1091.7; 19-DEC-2009 02:33:23; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;40796  
 12; 1281.3; 19-DEC-2009 02:36:32; Dark ; 53.0; 23; 21Eps CMa ; 1.50; 26000;occ; 106; 0;40796  
 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  
 15; 1751.9; 19-DEC-2009 02:44:23; Dark ; 47.5; 7; 19Bet Ori ; 0.10; 14000;occ; 95; 0;40796  
 16; 1881.3; 19-DEC-2009 02:46:32; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;40796  
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 18; 2188.2; 19-DEC-2009 02:51:39; Dark ; 53.0; 13; 87Alp Tau ; 0.87; 3800;occ; 106; 0;40796  
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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
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27; 4540.8; 19-DEC-2009 23:38:03; Bright; 55.0; 83; ; 2.38; 11000;occ; 110; 0;40808
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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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6; 2431.7; 19-DEC-2009 07:57:30; Bright; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;40799
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12; 4342.2; 19-DEC-2009 08:29:21; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;40799
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27; 7422.6; 19-DEC-2009 09:20:41; Dark ; 51.5; 179; 240mi2CMa ; 3.03; 24000;occ; 103; 0;40799
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6; 2431.3; 19-DEC-2009 09:38:06; Bright; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;40800  
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13; 4539.5; 19-DEC-2009 10:13:14; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;40800  
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19; 6349.4; 19-DEC-2009 10:43:24; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40800  
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22; 6846.4; 19-DEC-2009 10:51:41; Dark ; 54.0; 34; Gam2Vel ; 1.79; 23000;occ; 108; 0;40800  
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12; 4133.8; 19-DEC-2009 13:27:40; Bright; 43.0; 39; 85Eta UMa ; 1.85; 24000;occ; 86; 0;40802  
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23; 6652.2; 19-DEC-2009 14:09:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40802
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27; 7319.6; 19-DEC-2009 14:20:46; Dark ; 54.0; 23; 21Eps CMa ; 1.50; 26000;occ; 108; 0;40802
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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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1; 972.9; 22-DEC-2009 21:03:44; Dark ; 49.5; 70; Zet Pup ; 2.25; 39000;occ; 99; 0;40850  
2; 1118.2; 22-DEC-2009 21:06:10; Dark ; 50.0; 117; Pi Pup ; 2.71; 3800;occ; 100; 0;40850  
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  
6; 1755.6; 22-DEC-2009 21:16:47; Dark ; 45.5; 7; 19Bet Ori ; 0.10; 14000;occ; 91; 0;40850  
7; 1879.1; 22-DEC-2009 21:18:51; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;40850  
8; 2048.9; 22-DEC-2009 21:21:40; Dark ; 52.0; 14; 58Alp Ori ; 0.87; 3000;occ; 104; 0;40850  
9; 2292.7; 22-DEC-2009 21:25:44; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;40850  
10; 2417.5; 22-DEC-2009 21:27:49; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;40850  
11; 2612.7; 22-DEC-2009 21:31:04; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;40850  
12; 2712.8; 22-DEC-2009 21:32:44; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;40850  
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  
15; 4129.1; 22-DEC-2009 21:56:21; Bright; 61.0; 39; 85Eta UMa ; 1.85; 24000;occ; 122; 0;40850  
16; 4345.9; 22-DEC-2009 21:59:58; Bright; 57.0; 180; 27Gam Boo ; 3.04; 8000;occ; 114; 0;40850  
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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1; -626.9; 22-DEC-2009 22:17:41; Dark ; 56.0; 15; 67Alp Vir ; 0.98; 28000;occ; 112; 0;40850  
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3; -230.0; 22-DEC-2009 22:24:17; Dark ; 57.5; 106; 9Bet Crv ; 2.65; 5600;occ; 115; 0;40850  
4; 93.1; 22-DEC-2009 22:29:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40851  
5; 358.8; 22-DEC-2009 22:34:06; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;40851  
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  
8; 842.6; 22-DEC-2009 22:42:10; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;40851  
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  
20; 2712.6; 22-DEC-2009 23:13:20; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;40851  
21; 3701.1; 22-DEC-2009 23:29:49; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;40851  
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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1; -625.8; 22-DEC-2009 23:58:17; Dark ; 55.0; 15; 67Alp Vir ; 0.98; 28000;occ; 110; 0;40851  
 2; -351.0; 23-DEC-2009 00:02:52; Dark ; 44.5; 54; 5The Cen ; 2.06; 4500;occ; 89; 0;40851  
 3; -228.7; 23-DEC-2009 00:04:55; Dark ; 61.0; 106; 9Bet Crv ; 2.65; 5600;occ; 122; 0;40851  
 4; 93.9; 23-DEC-2009 00:10:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40852  
 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  
 20; 2712.5; 23-DEC-2009 00:53:56; Bright; 43.0; 6; 13Alp Aur ; 0.08; 3400;occ; 86; 0;40852  
 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

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20091222\_160739\_000057422085\_00212\_40847\_5840.N1

1; 1315.8; 22-DEC-2009 16:07:39; Dark ; 48.5; 23; 21Eps CMA ; 1.50; 26000;occ; 97; 32;40847  
 2; 1400.2; 22-DEC-2009 16:09:04; Dark ; 50.5; 179; 240mi2CMA ; 3.03; 24000;occ; 101; 0;40847  
 3; 1565.7; 22-DEC-2009 16:11:49; Dark ; 56.0; 1; 9Alp CMA ; -1.44; 11000;occ; 112; 0;40847  
 4; 1755.5; 22-DEC-2009 16:14:59; Dark ; 46.0; 7; 19Bet Ori ; 0.10; 14000;occ; 92; 0;40847  
 5; 1879.1; 22-DEC-2009 16:17:03; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;40847  
 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  
 10; 2713.6; 22-DEC-2009 16:30:57; Bright; 41.5; 6; 13Alp Aur ; 0.08; 3400;occ; 83; 0;40847  
 11; 3701.3; 22-DEC-2009 16:47:25; Bright; 44.5; 60; 7Bet UMi ; 2.08; 3950;occ; 89; 0;40847  
 12; 3958.5; 22-DEC-2009 16:51:42; Bright; 64.0; 32; 77Eps UMa ; 1.76; 11000;occ; 128; 0;40847  
 13; 4129.7; 22-DEC-2009 16:54:33; Bright; 43.5; 39; 85Eta UMa ; 1.85; 24000;occ; 87; 0;40847  
 14; 4346.0; 22-DEC-2009 16:58:10; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;40847  
 15; 4547.9; 22-DEC-2009 17:01:31; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;40847  
 16; 4763.8; 22-DEC-2009 17:05:07; Bright; 47.5; 111; 8Eta Boo ; 2.68; 6000;occ; 95; 0;40847  
 17; 5406.6; 22-DEC-2009 17:15:50; Dark ; 55.5; 15; 67Alp Vir ; 0.98; 28000;occ; 111; 0;40847  
 18; 5682.8; 22-DEC-2009 17:20:26; Dark ; 45.5; 54; 5The Cen ; 2.06; 4500;occ; 91; 0;40847  
 19; 5802.2; 22-DEC-2009 17:22:26; Dark ; 64.5; 106; 9Bet Crv ; 2.65; 5600;occ; 129; 0;40847  
 20; 6040.9; 22-DEC-2009 17:26:24; Dark ; 42.5; 64; Gam Cen ; 2.20; 10600;occ; 85; 0;40847  
 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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1; 996.6; 22-DEC-2009 17:42:56; Dark ; 51.0; 70; Zet Pup ; 2.25; 39000;occ; 102; 50;40848  
 2; 1117.4; 22-DEC-2009 17:44:57; Dark ; 51.0; 117; Pi Pup ; 2.71; 3800;occ; 102; 0;40848  
 3; 1299.9; 22-DEC-2009 17:48:00; Dark ; 50.5; 23; 21Eps CMA ; 1.50; 26000;occ; 101; 0;40848  
 4; 1400.7; 22-DEC-2009 17:49:40; Dark ; 49.5; 179; 240mi2CMA ; 3.03; 24000;occ; 99; 0;40848  
 5; 1565.8; 22-DEC-2009 17:52:25; Dark ; 54.0; 1; 9Alp CMA ; -1.44; 11000;occ; 108; 0;40848  
 6; 1755.6; 22-DEC-2009 17:55:35; Dark ; 47.5; 7; 19Bet Ori ; 0.10; 14000;occ; 95; 0;40848  
 7; 1879.3; 22-DEC-2009 17:57:39; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;40848  
 8; 2049.3; 22-DEC-2009 18:00:29; Dark ; 56.0; 14; 58Alp Ori ; 0.87; 3000;occ; 112; 0;40848  
 9; 2293.3; 22-DEC-2009 18:04:33; Bright; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;40848  
 10; 2418.0; 22-DEC-2009 18:06:38; Bright; 41.5; 28; 12Bet Tau ; 1.65; 15200;occ; 83; 0;40848  
 11; 2613.8; 22-DEC-2009 18:09:53; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;40848  
 12; 2713.3; 22-DEC-2009 18:11:33; Bright; 41.0; 6; 13Alp Aur ; 0.08; 3400;occ; 82; 0;40848

13; 3701.2; 22-DEC-2009 18:28:01; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;40848  
 14; 3958.2; 22-DEC-2009 18:32:18; Bright; 48.0; 32; 77Eps UMa ; 1.76; 11000;occ; 96; 0;40848  
 15; 4129.6; 22-DEC-2009 18:35:09; Bright; 43.5; 39; 85Eta UMa ; 1.85; 24000;occ; 87; 0;40848  
 16; 4345.9; 22-DEC-2009 18:38:46; Bright; 40.0; 180; 27Gam Boo ; 3.04; 8000;occ; 80; 0;40848  
 17; 4548.3; 22-DEC-2009 18:42:08; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;40848  
 18; 4764.0; 22-DEC-2009 18:45:44; Bright; 65.0; 111; 8Eta Boo ; 2.68; 6000;occ; 130; 0;40848  
 19; 5407.5; 22-DEC-2009 18:56:27; Dark ; 55.0; 15; 67Alp Vir ; 0.98; 28000;occ; 110; 0;40848  
 20; 5683.4; 22-DEC-2009 19:01:03; Dark ; 43.5; 54; 5The Cen ; 2.06; 4500;occ; 87; 0;40848  
 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  
 25; 6591.7; 22-DEC-2009 19:16:11; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;40848  
 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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 3; 1117.9; 22-DEC-2009 19:25:34; Dark ; 49.0; 117; Pi Pup ; 2.71; 3800;occ; 98; 0;40849  
 4; 1300.2; 22-DEC-2009 19:28:36; Dark ; 50.0; 23; 21Eps CMa ; 1.50; 26000;occ; 100; 0;40849  
 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  
 7; 1755.6; 22-DEC-2009 19:36:11; Dark ; 45.0; 7; 19Bet Ori ; 0.10; 14000;occ; 90; 0;40849  
 8; 1879.0; 22-DEC-2009 19:38:15; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;40849  
 9; 2049.1; 22-DEC-2009 19:41:05; Dark ; 51.5; 14; 58Alp Ori ; 0.87; 3000;occ; 103; 0;40849  
 10; 2293.1; 22-DEC-2009 19:45:09; Bright; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;40849  
 11; 2417.7; 22-DEC-2009 19:47:13; Bright; 42.5; 28; 12Bet Tau ; 1.65; 15200;occ; 85; 0;40849  
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 13; 2713.0; 22-DEC-2009 19:52:09; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;40849  
 14; 3701.0; 22-DEC-2009 20:08:37; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;40849  
 15; 3957.9; 22-DEC-2009 20:12:54; Bright; 45.0; 32; 77Eps UMa ; 1.76; 11000;occ; 90; 0;40849  
 16; 4129.2; 22-DEC-2009 20:15:45; Bright; 44.0; 39; 85Eta UMa ; 1.85; 24000;occ; 88; 0;40849  
 17; 4346.1; 22-DEC-2009 20:19:22; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;40849  
 18; 4548.3; 22-DEC-2009 20:22:44; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;40849  
 19; 4764.7; 22-DEC-2009 20:26:20; Bright; 65.0; 111; 8Eta Boo ; 2.68; 6000;occ; 130; 0;40849  
 20; 5408.3; 22-DEC-2009 20:37:04; Dark ; 52.5; 15; 67Alp Vir ; 0.98; 28000;occ; 105; 0;40849  
 21; 5683.8; 22-DEC-2009 20:41:39; Dark ; 43.5; 54; 5The Cen ; 2.06; 4500;occ; 87; 0;40849  
 22; 5804.6; 22-DEC-2009 20:43:40; Dark ; 55.0; 106; 9Bet Crv ; 2.65; 5600;occ; 110; 0;40849  
 23; 6042.4; 22-DEC-2009 20:47:38; Dark ; 41.0; 64; Gam Cen ; 2.20; 10600;occ; 82; 0;40849  
 24; 6128.1; 22-DEC-2009 20:49:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40849  
 25; 6393.9; 22-DEC-2009 20:53:30; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;40849  
 26; 6592.4; 22-DEC-2009 20:56:48; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;40849  
 27; 6699.0; 22-DEC-2009 20:58:35; Dark ; 55.5; 41; Eps Car ; 1.86; 4100;occ; 111; 0;40849  
 28; 6877.8; 22-DEC-2009 21:01:33; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;40849  
 29; 7008.9; 22-DEC-2009 21:03:44; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;40849

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 13; 1402.0; 23-DEC-2009 02:12:41; Dark ; 49.0; 179; 240mi2CMa ; 3.03; 24000;occ; 98; 0;40853  
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22; 1879.1; 23-DEC-2009 05:41:50; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 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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15; 845.7; 23-DEC-2009 07:05:13; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 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  
18; 1302.9; 23-DEC-2009 07:12:50; Dark ; 49.0; 23; 21Eps CMa ; 1.50; 26000;occ; 98; 0;40856  
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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16; 5814.2; 23-DEC-2009 08:28:01; Dark ; 47.0; 106; 9Bet Crv ; 2.65; 5600;occ; 94; 0;40856  
17; 6047.3; 23-DEC-2009 08:31:54; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 0;40856  
18; 6134.2; 23-DEC-2009 08:33:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40856  
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21; 6702.8; 23-DEC-2009 08:42:50; Dark ; 52.0; 41; Eps Car ; 1.86; 4100;occ; 104; 0;40856  
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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25; 7338.9; 23-DEC-2009 08:53:26; Dark ; 50.0; 23; 21Eps CMa ; 1.50; 26000;occ; 100; 0;40856  
26; 7438.9; 23-DEC-2009 08:55:06; Dark ; 48.5; 179; 240mi2CMa ; 3.03; 24000;occ; 97; 0;40856  
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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  
12; 4549.9; 23-DEC-2009 09:47:33; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;40857  
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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18; 6135.0; 23-DEC-2009 10:13:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40857  
19; 6401.4; 23-DEC-2009 10:18:24; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;40857  
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26; 7439.0; 23-DEC-2009 10:35:42; Dark ; 48.5; 179; 240mi2CMA ; 3.03; 24000;occ; 97; 0;40857
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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
26; 7339.6; 23-DEC-2009 12:14:39; Dark ; 51.0; 23; 21Eps CMA ; 1.50; 26000;occ; 102; 0;40858
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19; 5690.8; 23-DEC-2009 16:48:57; Dark ; 43.5; 54; 5The Cen ; 2.06; 4500;occ; 87; 0;40861  
20; 5821.0; 23-DEC-2009 16:51:08; Dark ; 36.0; 106; 9Bet Crv ; 2.65; 5600;occ; 72; 0;40861  
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23; 6404.9; 23-DEC-2009 17:00:52; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;40861  
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25; 6705.3; 23-DEC-2009 17:05:52; Dark ; 47.0; 41; Eps Car ; 1.86; 4100;occ; 94; 0;40861  
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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7; 1879.0; 23-DEC-2009 17:26:02; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;40862  
8; 2046.5; 23-DEC-2009 17:28:49; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;40862  
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11; 2607.5; 23-DEC-2009 17:38:10; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;40862  
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13; 3700.4; 23-DEC-2009 17:56:23; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;40862  
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

18; 4769.7; 23-DEC-2009 18:14:12; Bright; 66.0; 111; 8Eta Boo ; 2.68; 6000;occ; 132; 0;40862  
 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  
 24; 6405.9; 23-DEC-2009 18:41:29; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;40862  
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 26; 6705.8; 23-DEC-2009 18:46:28; Dark ; 56.0; 41; Eps Car ; 1.86; 4100;occ; 112; 0;40862  
 27; 6886.0; 23-DEC-2009 18:49:29; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;40862

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 4; 1305.3; 23-DEC-2009 18:57:04; Dark ; 49.5; 23; 21Eps CMA ; 1.50; 26000;occ; 99; 0;40863  
 5; 1404.8; 23-DEC-2009 18:58:43; Dark ; 48.5; 179; 240mi2CMA ; 3.03; 24000;occ; 97; 0;40863  
 6; 1567.7; 23-DEC-2009 19:01:26; Dark ; 53.5; 1; 9Alp CMA ; -1.44; 11000;occ; 107; 0;40863  
 7; 1757.0; 23-DEC-2009 19:04:36; Dark ; 44.5; 7; 19Bet Ori ; 0.10; 14000;occ; 89; 0;40863  
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 10; 2289.8; 23-DEC-2009 19:13:28; Bright; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;40863  
 11; 2414.6; 23-DEC-2009 19:15:33; Bright; 40.5; 28; 12Bet Tau ; 1.65; 15200;occ; 81; 0;40863  
 12; 2607.1; 23-DEC-2009 19:18:46; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;40863  
 13; 2710.1; 23-DEC-2009 19:20:29; Bright; 43.0; 6; 13Alp Aur ; 0.08; 3400;occ; 86; 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  
 20; 5421.9; 23-DEC-2009 20:05:41; Dark ; 58.0; 15; 67Alp Vir ; 0.98; 28000;occ; 116; 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  
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 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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1; -611.1; 24-DEC-2009 01:07:31; Dark ; 57.0; 15; 67Alp Vir ; 0.98; 28000;occ; 114; 0;40866  
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 5; 107.0; 24-DEC-2009 01:19:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40867  
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 8; 671.7; 24-DEC-2009 01:28:54; Dark ; 50.0; 41; Eps Car ; 1.86; 4100;occ; 100; 0;40867  
 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  
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 19; 2413.3; 24-DEC-2009 01:57:56; Bright; 42.5; 28; 12Bet Tau ; 1.65; 15200;occ; 85; 0;40867  
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 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  
 24; 4127.1; 24-DEC-2009 02:26:29; Bright; 53.5; 39; 85Eta UMA ; 1.85; 24000;occ; 107; 0;40867

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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  
16; 1306.7; 24-DEC-2009 03:20:05; Dark ; 49.5; 23; 21Eps CMa ; 1.50; 26000;occ; 99; 0;40868  
17; 1406.1; 24-DEC-2009 03:21:44; Dark ; 49.5; 179; 240mi2CMa ; 3.03; 24000;occ; 99; 0;40868  
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19; 1757.4; 24-DEC-2009 03:27:36; Dark ; 45.5; 7; 19Bet Ori ; 0.10; 14000;occ; 91; 0;40868  
20; 1878.9; 24-DEC-2009 03:29:37; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;40868  
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  
24; 2604.8; 24-DEC-2009 03:41:43; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;40868  
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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7; -739.8; 24-DEC-2009 04:26:34; Bright; 43.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 86; 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  
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13; 375.4; 24-DEC-2009 04:45:10; Dark ; 56.0; 113; Mu Vel ; 2.69; 5000;occ; 112; 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  
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22; 1757.5; 24-DEC-2009 05:08:12; Dark ; 45.5; 7; 19Bet Ori ; 0.10; 14000;occ; 91; 0;40869  
23; 1878.9; 24-DEC-2009 05:10:13; Dark ; 44.0; 30; 46Eps Ori ; 1.69; 30000;occ; 88; 0;40869  
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  
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5; -1483.7; 24-DEC-2009 05:54:46; Bright; 38.0; 83; ; 2.38; 11000;occ; 76; 0;40869  
6; -1263.6; 24-DEC-2009 05:58:27; Bright; 48.5; 111; 8Eta Boo ; 2.68; 6000;occ; 97; 0;40869  
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8; -608.1; 24-DEC-2009 06:09:22; Dark ; 58.5; 15; 67Alp Vir ; 0.98; 28000;occ; 117; 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  
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13; 376.1; 24-DEC-2009 06:25:46; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;40870  
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10; 3941.4; 26-DEC-2009 11:23:45; Bright; 46.5; 32; 77Eps UMa ; 1.76; 11000;occ; 93; 0;40901
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13; 4558.2; 26-DEC-2009 11:34:02; Bright; 58.0; 83; ; 2.38; 11000;occ; 116; 0;40901
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23; 6909.2; 26-DEC-2009 12:13:13; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;40901
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27; 7450.6; 26-DEC-2009 12:22:15; Dark ; 46.5; 179; 240mi2CMA ; 3.03; 24000;occ; 93; 0;40901
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13; 4558.2; 26-DEC-2009 13:14:38; Bright; 47.5; 83; ; 2.38; 11000;occ; 95; 0;40902
14; 4786.6; 26-DEC-2009 13:18:27; Bright; 51.5; 111; 8Eta Boo ; 2.68; 6000;occ; 103; 0;40902
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16; 5462.5; 26-DEC-2009 13:29:42; Dark ; 59.0; 15; 67Alp Vir ; 0.98; 28000;occ; 118; 0;40902
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 27; 7354.0; 26-DEC-2009 14:01:14; Dark ; 47.5; 23; 21Eps CMA ; 1.50; 26000;occ; 95; 0;40902  
 28; 7451.0; 26-DEC-2009 14:02:51; Dark ; 46.0; 179; 240mi2CMA ; 3.03; 24000;occ; 92; 0;40902

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 12; 4122.5; 26-DEC-2009 14:47:58; Bright; 44.5; 39; 85Eta UMa ; 1.85; 24000;occ; 89; 0;40903  
 13; 4349.5; 26-DEC-2009 14:51:45; Bright; 40.0; 180; 27Gam Boo ; 3.04; 8000;occ; 80; 0;40903  
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 22; 6443.2; 26-DEC-2009 15:26:39; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;40903  
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 16; 5312.5; 26-DEC-2009 16:48:24; Dark ; 45.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 90; 0;40904  
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 21; 6176.6; 26-DEC-2009 17:02:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40904  
 22; 6444.1; 26-DEC-2009 17:07:16; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;40904  
 23; 6624.2; 26-DEC-2009 17:10:16; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;40904  
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3;	1415.5;	26-DEC-2009	17:24:03;	Dark	;	47.5;	179;	240mi2CMa	;	3.03;	24000;	occ;	95;	0;	40905
4;	1572.6;	26-DEC-2009	17:26:40;	Dark	;	53.5;	1;	9Alp CMa	;	-1.44;	11000;	occ;	107;	0;	40905
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7;	2040.0;	26-DEC-2009	17:34:28;	Dark	;	49.5;	14;	58Alp Ori	;	0.87;	3000;	occ;	99;	0;	40905
8;	2260.4;	26-DEC-2009	17:38:08;	Dark	;	52.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	105;	0;	40905
9;	2406.5;	26-DEC-2009	17:40:34;	Bright;		40.0;	28;	12Bet Tau	;	1.65;	15200;	occ;	80;	0;	40905
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13;	3940.1;	26-DEC-2009	18:06:08;	Bright;		43.0;	32;	77Eps UMa	;	1.76;	11000;	occ;	86;	0;	40905
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16;	4559.1;	26-DEC-2009	18:16:27;	Bright;		40.0;	83;		;	2.38;	11000;	occ;	80;	0;	40905
17;	4788.1;	26-DEC-2009	18:20:16;	Bright;		70.0;	111;	8Eta Boo	;	2.68;	6000;	occ;	140;	0;	40905
18;	5313.2;	26-DEC-2009	18:29:01;	Dark	;	43.0;	122;	9Alp2Lib	;	2.75;	9700;	occ;	86;	0;	40905
19;	5465.9;	26-DEC-2009	18:31:34;	Dark	;	58.5;	15;	67Alp Vir	;	0.98;	28000;	occ;	117;	0;	40905
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21;	5843.1;	26-DEC-2009	18:37:51;	Dark	;	42.5;	123;	Iot Cen	;	2.75;	10200;	occ;	85;	0;	40905
22;	6083.4;	26-DEC-2009	18:41:51;	Dark	;	46.5;	64;	Gam Cen	;	2.20;	10600;	occ;	93;	0;	40905
23;	6177.5;	26-DEC-2009	18:43:25;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	40905
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
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3;	1319.0;	26-DEC-2009	19:03:03;	Dark	;	48.0;	23;	21Eps CMa	;	1.50;	26000;	occ;	96;	0;	40906
4;	1415.9;	26-DEC-2009	19:04:40;	Dark	;	46.5;	179;	240mi2CMa	;	3.03;	24000;	occ;	93;	0;	40906
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6;	1724.9;	26-DEC-2009	19:09:49;	Dark	;	45.0;	56;	53Kap Ori	;	2.07;	30000;	occ;	90;	0;	40906
7;	1878.8;	26-DEC-2009	19:12:23;	Dark	;	44.5;	30;	46Eps Ori	;	1.69;	30000;	occ;	89;	0;	40906
8;	2039.8;	26-DEC-2009	19:15:04;	Dark	;	51.5;	14;	58Alp Ori	;	0.87;	3000;	occ;	103;	0;	40906
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
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 11; 3920.0; 30-DEC-2009 14:18:44; Bright; 49.0; 32; 77Eps UMa ; 1.76; 11000;occ; 98; 0;40960  
 12; 4113.0; 30-DEC-2009 14:21:57; Bright; 65.0; 39; 85Eta UMa ; 1.85; 24000;occ; 130; 0;40960  
 13; 4352.2; 30-DEC-2009 14:25:56; Bright; 61.0; 180; 27Gam Boo ; 3.04; 8000;occ; 122; 0;40960  
 14; 4570.2; 30-DEC-2009 14:29:34; Bright; 41.5; 83; ; 2.38; 11000;occ; 83; 0;40960  
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 16; 5185.4; 30-DEC-2009 14:39:49; Bright; 52.0; 104; 27Bet Lib ; 2.61; 13100;occ; 104; 0;40960  
 17; 5341.8; 30-DEC-2009 14:42:26; Dark ; 41.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 83; 0;40960  
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 9; 2415.5; 30-DEC-2009 15:34:15; Bright; 47.0; 170; 27Eps Gem ; 3.00; 9700;occ; 94; 0;40961  
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 23; 6228.3; 30-DEC-2009 16:37:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40961  
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 27; 6942.4; 30-DEC-2009 16:49:42; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;40961  
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 16; 4112.8; 30-DEC-2009 17:43:09; Bright; 48.0; 39; 85Eta UMa ; 1.85; 24000;occ; 96; 0;40962  
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 21; 5343.1; 30-DEC-2009 18:03:39; Dark ; 45.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 91; 0;40962  
 22; 5754.1; 30-DEC-2009 18:10:30; Dark ; 52.0; 54; 5The Cen ; 2.06; 4500;occ; 104; 0;40962  
 23; 5921.6; 30-DEC-2009 18:13:18; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;40962  
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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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 29; 6942.9; 30-DEC-2009 18:30:19; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;40962  
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 18; 4570.8; 30-DEC-2009 19:31:23; Bright; 42.0; 83; ; 2.38; 11000;occ; 84; 0;40963  
 19; 4763.5; 30-DEC-2009 19:34:36; Bright; 53.0; 3; 16Alp Boo ; -0.05; 4250;occ; 106; 0;40963  
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 21; 5343.3; 30-DEC-2009 19:44:15; Dark ; 43.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 86; 0;40963  
 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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14; 1580.1; 31-DEC-2009 03:04:32; Dark ; 46.5; 1; 9Alp CMa ;-1.44; 11000;occ; 93; 0;40968
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23; 5930.5; 31-DEC-2009 19:22:26; Dark ; 39.5; 95; Zet Cen ; 2.55; 26000;occ; 79; 0;40977
24; 6139.8; 31-DEC-2009 19:25:55; Dark ; 48.0; 64; Gam Cen ; 2.20; 10600;occ; 96; 0;40977
25; 6243.1; 31-DEC-2009 19:27:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;40977
26; 6509.6; 31-DEC-2009 19:32:05; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;40977
27; 6664.9; 31-DEC-2009 19:34:40; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;40977
28; 6760.3; 31-DEC-2009 19:36:15; Dark ; 52.0; 41; Eps Car ; 1.86; 4100;occ; 104; 0;40977
29; 6950.7; 31-DEC-2009 19:39:26; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;40977
30; 7082.3; 31-DEC-2009 19:41:37; Dark ; 16.5; 70; Zet Pup ; 2.25; 39000;occ; 33; 0;40977

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