

# GOMOS Daily Report 07-JAN-2011

## Level 0 and Level 1 products

### SUMMARY

#### [1. General Info](#)

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

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

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

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

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

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

#### [4. Dark Charge monitoring](#)

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

[4.2 Plot of Dark Charge](#)

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

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

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

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

#### [6. Star tangent altitude lost](#)

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

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

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

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

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

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

[7.2 SATU Noise Equivalent Angle statistics](#)

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

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

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

## [Level 2 products](#)

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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	09JAN2011 07:02:10
Data source version	GOMOS/5.01
Start time of products	07JAN2011 00:00:25
Stop time of products	07JAN2011 23:44:06
Store outputs in DB	Yes
Nb of level 1b prods	370
Nb of prods with errors	3

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

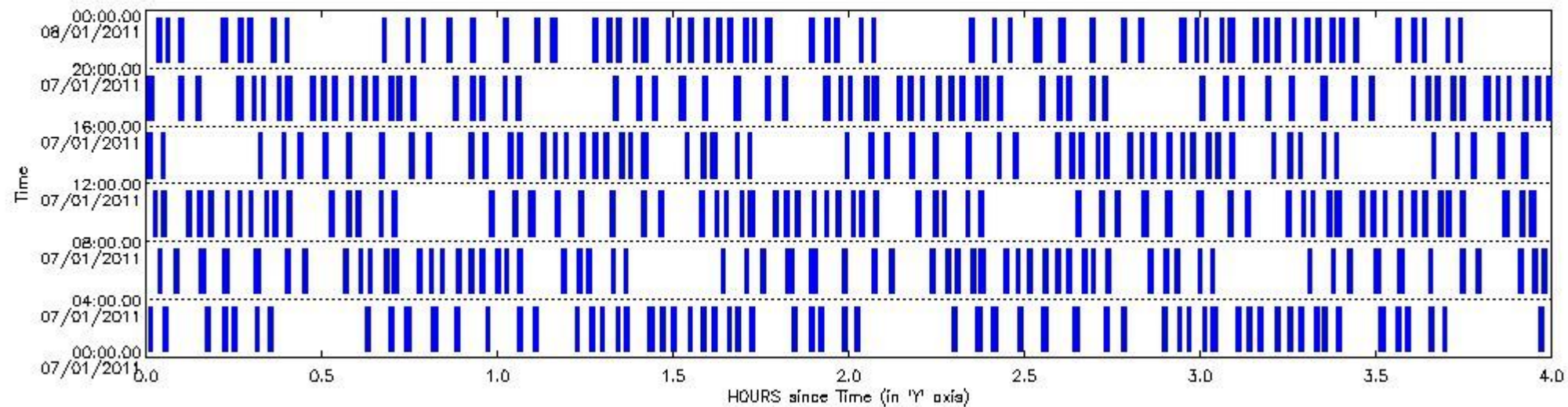
### 2.1 Level 0 products arrived in PCF (see template [here](#))

### 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_1PNPDE20110107_000025_000000383098_00160_46295_2236.N1	07-JAN-2011 00:00:25	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	46295	No
2	GOM_TRA_1PNPDE20110107_000245_000000533098_00160_46295_2237.N1	07-JAN-2011 00:02:45	Straylight	53.000	1	9Alp CMa	-1.4400	11000.	106	46295	No
3	GOM_TRA_1PNPDE20110107_001002_000000483098_00160_46295_2238.N1	07-JAN-2011 00:10:02	Twilight_stray	47.500	14	58Alp Ori	0.87000	3000.0	95	46295	No
4	GOM_TRA_1PNPDE20110107_001256_000000493098_00160_46295_2239.N1	07-JAN-2011 00:12:56	Twilight_stray	48.500	44	24Gam Gem	1.9280	11000.	97	46295	No
5	GOM_TRA_1PNPDE20110107_001436_000000503098_00160_46295_2240.N1	07-JAN-2011 00:14:36	Bright	50.000	151	13Mu Gem	2.8900	3000.0	100	46295	No
6	GOM_TRA_1PNPDE20110107_001839_000000383098_00160_46295_2241.N1	07-JAN-2011 00:18:39	Bright	38.000	107	37The Aur	2.6490	11000.	76	46295	No
7	GOM_TRA_1PNPDE20110107_002052_000000393098_00160_46295_2242.N1	07-JAN-2011 00:20:52	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	46295	No
8	GOM_TRA_1PNPDE20110107_003726_000000403098_00160_46295_2243.N1	07-JAN-2011 00:37:26	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46295	No
9	GOM_TRA_1PNPDE20110107_004129_000000373098_00160_46295_2244.N1	07-JAN-2011 00:41:29	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46295	No
10	GOM_TRA_1PNPDE20110107_004410_000000683098_00160_46295_2245.N1	07-JAN-2011 00:44:10	Bright	68.000	39	85Eta UMa	1.8540	24000.	136	46295	No
11	GOM_TRA_1PNPDE20110107_004836_000000673098_00160_46295_2246.N1	07-JAN-2011 00:48:36	Bright	67.000	180	27Gam Boo	3.0400	8000.0	134	46295	No
12	GOM_TRA_1PNPDE20110107_005235_000000483098_00160_46295_2247.N1	07-JAN-2011 00:52:35	Bright	47.500	83		2.3780	11000.	95	46295	No

13	GOM_TRA_1PNPDE20110107_005800_000000393098_00160_46295_2248.N1	07-JAN-2011 00:58:00	Bright	38.500	102	24Alp Ser	2.6000	4250.0	77	46295	No
14	GOM_TRA_1PNPDE20110107_010319_000000473098_00160_46295_2249.N1	07-JAN-2011 01:03:19	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	46295	No
15	GOM_TRA_1PNPDE20110107_010611_000000483098_00160_46295_2265.N1	07-JAN-2011 01:06:11	Twilight	47.500	122	9Alp2Lib	2.7470	9700.0	95	46295	No
16	GOM_TRA_1PNPDE20110107_011313_000000443098_00160_46295_2266.N1	07-JAN-2011 01:13:13	Dark	44.000	54	5The Cen	2.0550	4500.0	88	46295	No
17	GOM_TRA_1PNPDE20110107_011547_000000423098_00160_46295_2267.N1	07-JAN-2011 01:15:47	Dark	41.500	95	Zet Cen	2.5450	26000.	83	46295	No
18	GOM_TRA_1PNPDE20110107_011727_000000423098_00161_46296_2268.N1	07-JAN-2011 01:17:27	Dark	41.500	77	Eps Cen	2.3030	28000.	83	46296	No
19	GOM_TRA_1PNPDE20110107_012009_000000463098_00161_46296_2269.N1	07-JAN-2011 01:20:09	Dark	45.500	20	Bet Cru	1.2530	30000.	91	46296	No
20	GOM_TRA_1PNPDE20110107_012544_000000523098_00161_46296_2270.N1	07-JAN-2011 01:25:44	Dark	51.500	113	Mu Vel	2.6920	5000.0	103	46296	No
21	GOM_TRA_1PNPDE20110107_012747_000000423098_00161_46296_2271.N1	07-JAN-2011 01:27:47	Dark	42.000	71	lot Car	2.2460	7700.0	84	46296	No
22	GOM_TRA_1PNPDE20110107_012940_000000423098_00161_46296_2272.N1	07-JAN-2011 01:29:40	Dark	42.000	46	Del Vel	1.9540	10600.	84	46296	No
23	GOM_TRA_1PNPDE20110107_013228_000000423098_00161_46296_2273.N1	07-JAN-2011 01:32:28	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	46296	No
24	GOM_TRA_1PNPDE20110107_013438_000000483098_00161_46296_2274.N1	07-JAN-2011 01:34:38	Dark	47.500	70	Zet Pup	2.2460	39000.	95	46296	No
25	GOM_TRA_1PNPDE20110107_013631_000000483098_00161_46296_2275.N1	07-JAN-2011 01:36:31	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	46296	No
26	GOM_TRA_1PNPDE20110107_013911_000000463098_00161_46296_2276.N1	07-JAN-2011 01:39:11	Straylight	46.000	23	21Eps CMa	1.5020	26000.	92	46296	No
27	GOM_TRA_1PNPDE20110107_014039_000000423098_00161_46296_2277.N1	07-JAN-2011 01:40:39	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	46296	No
28	GOM_TRA_1PNPDE20110107_014259_000000493098_00161_46296_2278.N1	07-JAN-2011 01:42:59	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	46296	No
29	GOM_TRA_1PNPDE20110107_015016_000000493098_00161_46296_2279.N1	07-JAN-2011 01:50:16	Twilight	48.500	14	58Alp Ori	0.87000	3000.0	97	46296	No
30	GOM_TRA_1PNPDE20110107_015309_000000483098_00161_46296_2280.N1	07-JAN-2011 01:53:09	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	46296	No
31	GOM_TRA_1PNPDE20110107_015450_000000473098_00161_46296_2281.N1	07-JAN-2011 01:54:50	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	46296	No
32	GOM_TRA_1PNPDE20110107_015853_000000393098_00161_46296_2282.N1	07-JAN-2011 01:58:53	Bright	39.000	107	37The Aur	2.6490	11000.	78	46296	No
33	GOM_TRA_1PNPDE20110107_020105_000000393098_00161_46296_2283.N1	07-JAN-2011 02:01:05	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	46296	No
34	GOM_TRA_1PNPDE20110107_021740_000000403098_00161_46296_2284.N1	07-JAN-2011 02:17:40	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46296	No
35	GOM_TRA_1PNPDE20110107_022143_000000533098_00161_46296_2285.N1	07-JAN-2011 02:21:43	Bright	53.000	119	14Eta Dra	2.7270	4700.0	106	46296	No
36	GOM_TRA_1PNPDE20110107_022424_000000633098_00161_46296_2286.N1	07-JAN-2011 02:24:24	Bright	63.000	39	85Eta UMa	1.8540	24000.	126	46296	No
37	GOM_TRA_1PNPDE20110107_022850_000000463098_00161_46296_2287.N1	07-JAN-2011 02:28:50	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	46296	No
38	GOM_TRA_1PNPDE20110107_023249_000000683098_00161_46296_2288.N1	07-JAN-2011 02:32:49	Bright	68.000	83		2.3780	11000.	136	46296	No
39	GOM_TRA_1PNPDE20110107_023815_000000573098_00161_46296_2289.N1	07-JAN-2011 02:38:15	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46296	No
40	GOM_TRA_1PNPDE20110107_024333_000000483098_00161_46296_2290.N1	07-JAN-2011 02:43:33	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	46296	No
41	GOM_TRA_1PNPDE20110107_024625_000000483098_00161_46296_2291.N1	07-JAN-2011 02:46:25	Twilight	47.500	122	9Alp2Lib	2.7470	9700.0	95	46296	No
42	GOM_TRA_1PNPDE20110107_025328_000000543098_00161_46296_2292.N1	07-JAN-2011 02:53:28	Dark	53.500	54	5The Cen	2.0550	4500.0	107	46296	No
43	GOM_TRA_1PNPDE20110107_025602_000000423098_00161_46296_2293.N1	07-JAN-2011 02:56:02	Dark	42.000	95	Zet Cen	2.5450	26000.	84	46296	No
44	GOM_TRA_1PNPDE20110107_025741_000000413098_00162_46297_2294.N1	07-JAN-2011 02:57:41	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46297	No
45	GOM_TRA_1PNPDE20110107_030023_000000433098_00162_46297_2295.N1	07-JAN-2011 03:00:23	Dark	42.500	20	Bet Cru	1.2530	30000.	85	46297	No
46	GOM_TRA_1PNPDE20110107_030558_000000523098_00162_46297_2296.N1	07-JAN-2011 03:05:58	Dark	51.500	113	Mu Vel	2.6920	5000.0	103	46297	No
47	GOM_TRA_1PNPDE20110107_030801_000000433098_00162_46297_2297.N1	07-JAN-2011 03:08:01	Dark	42.500	71	lot Car	2.2460	7700.0	85	46297	No
48	GOM_TRA_1PNPDE20110107_030955_000000423098_00162_46297_2298.N1	07-JAN-2011 03:09:55	Dark	41.500	46	Del Vel	1.9540	10600.	83	46297	No
49	GOM_TRA_1PNPDE20110107_031242_000000473098_00162_46297_2299.N1	07-JAN-2011 03:12:42	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	46297	No
50	GOM_TRA_1PNPDE20110107_031452_000000493098_00162_46297_2300.N1	07-JAN-2011 03:14:52	Dark	49.000	70	Zet Pup	2.2460	39000.	98	46297	No
51	GOM_TRA_1PNPDE20110107_031645_000000503098_00162_46297_2301.N1	07-JAN-2011 03:16:45	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	46297	No
52	GOM_TRA_1PNPDE20110107_031925_000000443098_00162_46297_2302.N1	07-JAN-2011 03:19:25	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	46297	No
53	GOM_TRA_1PNPDE20110107_032054_000000403098_00162_46297_2303.N1	07-JAN-2011 03:20:54	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	46297	No
54	GOM_TRA_1PNPDE20110107_032314_000000473098_00162_46297_2304.N1	07-JAN-2011 03:23:14	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	46297	No
55	GOM_TRA_1PNPDE20110107_033031_000000533098_00162_46297_2305.N1	07-JAN-2011 03:30:31	Twilight	53.000	14	58Alp Ori	0.87000	3000.0	106	46297	No
56	GOM_TRA_1PNPDE20110107_033323_000000463098_00162_46297_2306.N1	07-JAN-2011 03:33:23	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	46297	No
57	GOM_TRA_1PNPDE20110107_033504_000000453098_00162_46297_2307.N1	07-JAN-2011 03:35:04	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	46297	No
58	GOM_TRA_1PNPDE20110107_033907_000000383098_00162_46297_2308.N1	07-JAN-2011 03:39:07	Bright	37.500	107	37The Aur	2.6490	11000.	75	46297	No
59	GOM_TRA_1PNPDE20110107_034119_000000393098_00162_46297_2309.N1	07-JAN-2011 03:41:19	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	46297	No
60	GOM_TRA_1PNPDE20110107_035754_000000393098_00162_46297_2281.N1	07-JAN-2011 03:57:54	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46297	No
61	GOM_TRA_1PNPDE20110107_040157_000000383098_00162_46297_2282.N1	07-JAN-2011 04:01:57	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46297	No
62	GOM_TRA_1PNPDE20110107_040437_000000493098_00162_46297_2283.N1	07-JAN-2011 04:04:37	Bright	49.000	39	85Eta UMa	1.8540	24000.	98	46297	No
63	GOM_TRA_1PNPDE20110107_040904_000000643098_00162_46297_2284.N1	07-JAN-2011 04:09:04	Bright	64.000	180	27Gam Boo	3.0400	8000.0	128	46297	No
64	GOM_TRA_1PNPDE20110107_041303_000000683098_00162_46297_2285.N1	07-JAN-2011 04:13:03	Bright	68.000	83		2.3780	11000.	136	46297	No
65	GOM_TRA_1PNPDE20110107_041829_000000573098_00162_46297_2286.N1	07-JAN-2011 04:18:29	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46297	No
66	GOM_TRA_1PNPDE20110107_042348_000000453098_00162_46297_2287.N1	07-JAN-2011 04:23:48	Bright	45.000	104	27Bet Lib	2.6140	13100.	90	46297	No
67	GOM_TRA_1PNPDE20110107_042640_000000463098_00162_46297_2288.N1	07-JAN-2011 04:26:40	Twilight	46.000	122	9Alp2Lib	2.7470	9700.0	92	46297	No
68	GOM_TRA_1PNPDE20110107_043342_000000483098_00162_46297_2289.N1	07-JAN-2011 04:33:42	Dark	47.500	54	5The Cen	2.0550	4500.0	95	46297	No
69	GOM_TRA_1PNPDE20110107_043617_000000413098_00162_46297_2290.N1	07-JAN-2011 04:36:17	Dark	40.500	95	Zet Cen	2.5450	26000.	81	46297	No
70	GOM_TRA_1PNPDE20110107_043756_000000403098_00163_46298_2291.N1	07-JAN-2011 04:37:56	Dark	40.000	77	Eps Cen	2.3030	28000.	80	46298	No
71	GOM_TRA_1PNPDE20110107_044038_000000473098_00163_46298_2292.N1	07-JAN-2011 04:40:38	Dark	47.000	20	Bet Cru	1.2530	30000.	94	46298	No



72	GOM_TRA_1PNPDE20110107_044613_000000483098_00163_46298_2293.N1	07-JAN-2011 04:46:13	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46298	No
73	GOM_TRA_1PNPDE20110107_044816_000000443098_00163_46298_2294.N1	07-JAN-2011 04:48:16	Dark	43.500	71	lot Car	2.2460	7700.0	87	46298	No
74	GOM_TRA_1PNPDE20110107_045010_000000443098_00163_46298_2295.N1	07-JAN-2011 04:50:10	Dark	43.500	46	Del Vel	1.9540	10600.	87	46298	No
75	GOM_TRA_1PNPDE20110107_045257_000000443098_00163_46298_2296.N1	07-JAN-2011 04:52:57	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	46298	No
76	GOM_TRA_1PNPDE20110107_045507_000000453098_00163_46298_2297.N1	07-JAN-2011 04:55:07	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46298	No
77	GOM_TRA_1PNPDE20110107_045700_000000453098_00163_46298_2298.N1	07-JAN-2011 04:57:00	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	46298	No
78	GOM_TRA_1PNPDE20110107_045940_000000453098_00163_46298_2299.N1	07-JAN-2011 04:59:40	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	46298	No
79	GOM_TRA_1PNPDE20110107_050108_000000423098_00163_46298_2300.N1	07-JAN-2011 05:01:08	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	46298	No
80	GOM_TRA_1PNPDE20110107_050328_000000483098_00163_46298_2301.N1	07-JAN-2011 05:03:28	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	46298	No
81	GOM_TRA_1PNPDE20110107_051045_000000533098_00163_46298_2302.N1	07-JAN-2011 05:10:45	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	46298	No
82	GOM_TRA_1PNPDE20110107_051337_000000493098_00163_46298_2303.N1	07-JAN-2011 05:13:37	Tw_i_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	46298	No
83	GOM_TRA_1PNPDE20110107_051517_000000463098_00163_46298_2304.N1	07-JAN-2011 05:15:17	Bright	46.000	151	13Mu Gem	2.8900	3000.0	92	46298	No
84	GOM_TRA_1PNPDE20110107_051921_000000373098_00163_46298_2305.N1	07-JAN-2011 05:19:21	Bright	36.500	107	37The Aur	2.6490	11000.	73	46298	No
85	GOM_TRA_1PNPDE20110107_052133_000000383098_00163_46298_2306.N1	07-JAN-2011 05:21:33	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46298	No
86	GOM_TRA_1PNPDE20110107_053808_000000413098_00163_46298_2305.N1	07-JAN-2011 05:38:08	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46298	No
87	GOM_TRA_1PNPDE20110107_054211_000000373098_00163_46298_2306.N1	07-JAN-2011 05:42:11	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46298	No
88	GOM_TRA_1PNPDE20110107_054451_000000583098_00163_46298_2307.N1	07-JAN-2011 05:44:51	Bright	58.000	39	85Eta UMa	1.8540	24000.	116	46298	No
89	GOM_TRA_1PNPDE20110107_054918_000000673098_00163_46298_2308.N1	07-JAN-2011 05:49:18	Bright	67.000	180	27Gam Boo	3.0400	8000.0	134	46298	No
90	GOM_TRA_1PNPDE20110107_055318_000000683098_00163_46298_2309.N1	07-JAN-2011 05:53:18	Bright	68.000	83		2.3780	11000.	136	46298	No
91	GOM_TRA_1PNPDE20110107_055843_000000573098_00163_46298_2310.N1	07-JAN-2011 05:58:43	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46298	No
92	GOM_TRA_1PNPDE20110107_060402_000000463098_00163_46298_2311.N1	07-JAN-2011 06:04:02	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	46298	No
93	GOM_TRA_1PNPDE20110107_060655_000000453098_00163_46298_2312.N1	07-JAN-2011 06:06:55	Tw_i_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	46298	No
94	GOM_TRA_1PNPDE20110107_061357_000000483098_00163_46298_2313.N1	07-JAN-2011 06:13:57	Dark	47.500	54	5The Cen	2.0550	4500.0	95	46298	No
95	GOM_TRA_1PNPDE20110107_061632_000000433098_00163_46298_2314.N1	07-JAN-2011 06:16:32	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46298	No
96	GOM_TRA_1PNPDE20110107_061810_000000403098_00164_46299_2315.N1	07-JAN-2011 06:18:10	Dark	40.000	77	Eps Cen	2.3030	28000.	80	46299	No
97	GOM_TRA_1PNPDE20110107_062053_000000423098_00164_46299_2316.N1	07-JAN-2011 06:20:53	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46299	No
98	GOM_TRA_1PNPDE20110107_062628_000000483098_00164_46299_2317.N1	07-JAN-2011 06:26:28	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46299	No
99	GOM_TRA_1PNPDE20110107_062830_000000443098_00164_46299_2318.N1	07-JAN-2011 06:28:30	Dark	43.500	71	lot Car	2.2460	7700.0	87	46299	No
100	GOM_TRA_1PNPDE20110107_063024_000000453098_00164_46299_2319.N1	07-JAN-2011 06:30:24	Dark	45.000	46	Del Vel	1.9540	10600.	90	46299	No
101	GOM_TRA_1PNPDE20110107_063311_000000463098_00164_46299_2320.N1	07-JAN-2011 06:33:11	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	46299	No
102	GOM_TRA_1PNPDE20110107_063521_000000473098_00164_46299_2321.N1	07-JAN-2011 06:35:21	Dark	46.500	70	Zet Pup	2.2460	39000.	93	46299	No
103	GOM_TRA_1PNPDE20110107_063714_000000463098_00164_46299_2322.N1	07-JAN-2011 06:37:14	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	46299	No
104	GOM_TRA_1PNPDE20110107_063954_000000463098_00164_46299_2323.N1	07-JAN-2011 06:39:54	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	46299	No
105	GOM_TRA_1PNPDE20110107_064122_000000423098_00164_46299_2324.N1	07-JAN-2011 06:41:22	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46299	No
106	GOM_TRA_1PNPDE20110107_064342_000000513098_00164_46299_2325.N1	07-JAN-2011 06:43:42	Straylight	51.000	1	9Alp CMa	-1.4400	11000.	102	46299	No
107	GOM_TRA_1PNPDE20110107_065059_000000513098_00164_46299_2326.N1	07-JAN-2011 06:50:59	Tw_i_and_stray	51.000	14	58Alp Ori	0.87000	3000.0	102	46299	No
108	GOM_TRA_1PNPDE20110107_065351_000000493098_00164_46299_2327.N1	07-JAN-2011 06:53:51	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	46299	No
109	GOM_TRA_1PNPDE20110107_065531_000000573098_00164_46299_2328.N1	07-JAN-2011 06:55:31	Bright	57.000	151	13Mu Gem	2.8900	3000.0	114	46299	No
110	GOM_TRA_1PNPDE20110107_065935_000000383098_00164_46299_2329.N1	07-JAN-2011 06:59:35	Bright	37.500	107	37The Aur	2.6490	11000.	75	46299	No
111	GOM_TRA_1PNPDE20110107_070147_000000393098_00164_46299_2330.N1	07-JAN-2011 07:01:47	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	46299	No
112	GOM_TRA_1PNPDE20110107_071822_000000353098_00164_46299_2331.N1	07-JAN-2011 07:18:22	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	46299	No
113	GOM_TRA_1PNPDK20110107_072225_000000383098_00164_46299_8317.N1	07-JAN-2011 07:22:25	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46299	No
114	GOM_TRA_1PNPDK20110107_072505_000000483098_00164_46299_8318.N1	07-JAN-2011 07:25:05	Bright	48.000	39	85Eta UMa	1.8540	24000.	96	46299	No
115	GOM_TRA_1PNPDK20110107_072933_000000673098_00164_46299_8319.N1	07-JAN-2011 07:29:33	Bright	67.000	180	27Gam Boo	3.0400	8000.0	134	46299	No
116	GOM_TRA_1PNPDK20110107_073332_000000683098_00164_46299_8320.N1	07-JAN-2011 07:33:32	Bright	68.000	83		2.3780	11000.	136	46299	No
117	GOM_TRA_1PNPDK20110107_073858_000000393098_00164_46299_8321.N1	07-JAN-2011 07:38:58	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	46299	No
118	GOM_TRA_1PNPDK20110107_074417_000000473098_00164_46299_8322.N1	07-JAN-2011 07:44:17	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	46299	No
119	GOM_TRA_1PNPDK20110107_074710_000000463098_00164_46299_8323.N1	07-JAN-2011 07:47:10	Tw_i_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	46299	No
120	GOM_TRA_1PNPDK20110107_075412_000000463098_00164_46299_8324.N1	07-JAN-2011 07:54:12	Dark	46.000	54	5The Cen	2.0550	4500.0	92	46299	No
121	GOM_TRA_1PNPDK20110107_075646_000000433098_00164_46299_8325.N1	07-JAN-2011 07:56:46	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46299	No
122	GOM_TRA_1PNPDK20110107_075825_000000413098_00165_46300_8326.N1	07-JAN-2011 07:58:25	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46300	No
123	GOM_TRA_1PNPDK20110107_080107_000000463098_00165_46300_8327.N1	07-JAN-2011 08:01:07	Dark	46.000	20	Bet Cru	1.2530	30000.	92	46300	No
124	GOM_TRA_1PNPDK20110107_080643_000000573098_00165_46300_8328.N1	07-JAN-2011 08:06:43	Dark	56.500	113	Mu Vel	2.6920	5000.0	113	46300	No
125	GOM_TRA_1PNPDK20110107_080845_000000463098_00165_46300_8329.N1	07-JAN-2011 08:08:45	Dark	46.000	71	lot Car	2.2460	7700.0	92	46300	No
126	GOM_TRA_1PNPDK20110107_081039_000000453098_00165_46300_8330.N1	07-JAN-2011 08:10:39	Dark	45.000	46	Del Vel	1.9540	10600.	90	46300	No
127	GOM_TRA_1PNPDK20110107_081326_000000463098_00165_46300_8331.N1	07-JAN-2011 08:13:26	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	46300	No
128	GOM_TRA_1PNPDK20110107_081536_000000453098_00165_46300_8332.N1	07-JAN-2011 08:15:36	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46300	No
129	GOM_TRA_1PNPDK20110107_081728_000000433098_00165_46300_8333.N1	07-JAN-2011 08:17:28	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	46300	No
130	GOM_TRA_1PNPDK20110107_082008_000000453098_00165_46300_8334.N1	07-JAN-2011 08:20:08	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	46300	No

131	GOM_TRA_1PNPDK20110107_082136_000000413098_00165_46300_8335.N1	07-JAN-2011 08:21:36	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	46300	No
132	GOM_TRA_1PNPDK20110107_082356_000000483098_00165_46300_8336.N1	07-JAN-2011 08:23:56	Straylight	47.500	1	9Alp CMa	-1.4400	11000.	95	46300	No
133	GOM_TRA_1PNPDK20110107_083113_000000533098_00165_46300_8376.N1	07-JAN-2011 08:31:13	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	46300	No
134	GOM_TRA_1PNPDK20110107_083405_000000493098_00165_46300_8377.N1	07-JAN-2011 08:34:05	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	46300	No
135	GOM_TRA_1PNPDK20110107_083545_000000573098_00165_46300_8378.N1	07-JAN-2011 08:35:45	Bright	57.000	151	13Mu Gem	2.8900	3000.0	114	46300	No
136	GOM_TRA_1PNPDK20110107_083949_000000373098_00165_46300_8379.N1	07-JAN-2011 08:39:49	Bright	37.000	107	37The Aur	2.6490	11000.	74	46300	No
137	GOM_TRA_1PNPDK20110107_084201_000000383098_00165_46300_8380.N1	07-JAN-2011 08:42:01	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	46300	No
138	GOM_TRA_1PNPDK20110107_085836_000000393098_00165_46300_8381.N1	07-JAN-2011 08:58:36	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46300	No
139	GOM_TRA_1PNPDK20110107_090239_000000383098_00165_46300_8382.N1	07-JAN-2011 09:02:39	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46300	No
140	GOM_TRA_1PNPDK20110107_090519_000000533098_00165_46300_8383.N1	07-JAN-2011 09:05:19	Bright	53.000	39	85Eta UMa	1.8540	24000.	106	46300	No
141	GOM_TRA_1PNPDK20110107_090947_000000453098_00165_46300_8384.N1	07-JAN-2011 09:09:47	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	46300	No
142	GOM_TRA_1PNPDK20110107_091346_000000483098_00165_46300_8385.N1	07-JAN-2011 09:13:46	Bright	47.500	83		2.3780	11000.	95	46300	No
143	GOM_TRA_1PNPDK20110107_091912_000000443098_00165_46300_8386.N1	07-JAN-2011 09:19:12	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	46300	No
144	GOM_TRA_1PNPDK20110107_092432_000000453098_00165_46300_8387.N1	07-JAN-2011 09:24:32	Bright	45.000	104	27Bet Lib	2.6140	13100.	90	46300	No
145	GOM_TRA_1PNPDK20110107_092724_000000493098_00165_46300_8388.N1	07-JAN-2011 09:27:24	Tw_i_and_stray	48.500	122	9Alp2Lib	2.7470	9700.0	97	46300	No
146	GOM_TRA_1PNPDK20110107_093427_000000573098_00165_46300_8389.N1	07-JAN-2011 09:34:27	Dark	56.500	54	5The Cen	2.0550	4500.0	113	46300	No
147	GOM_TRA_1PNPDK20110107_093701_000000423098_00165_46300_8390.N1	07-JAN-2011 09:37:01	Dark	42.000	95	Zet Cen	2.5450	26000.	84	46300	No
148	GOM_TRA_1PNPDK20110107_093840_000000413098_00166_46301_8391.N1	07-JAN-2011 09:38:40	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46301	No
149	GOM_TRA_1PNPDK20110107_094122_000000423098_00166_46301_8392.N1	07-JAN-2011 09:41:22	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46301	No
150	GOM_TRA_1PNPDK20110107_094658_000000473098_00166_46301_8393.N1	07-JAN-2011 09:46:58	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46301	No
151	GOM_TRA_1PNPDK20110107_094859_000000413098_00166_46301_8394.N1	07-JAN-2011 09:48:59	Dark	40.500	71	lot Car	2.2460	7700.0	81	46301	No
152	GOM_TRA_1PNPDK20110107_095053_000000433098_00166_46301_8395.N1	07-JAN-2011 09:50:53	Dark	43.000	46	Del Vel	1.9540	10600.	86	46301	No
153	GOM_TRA_1PNPDK20110107_095340_000000423098_00166_46301_8396.N1	07-JAN-2011 09:53:40	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	46301	No
154	GOM_TRA_1PNPDK20110107_095550_000000433098_00166_46301_8397.N1	07-JAN-2011 09:55:50	Dark	43.000	70	Zet Pup	2.2460	39000.	86	46301	No
155	GOM_TRA_1PNPDK20110107_095743_000000473098_00166_46301_8398.N1	07-JAN-2011 09:57:43	Dark	47.000	117	Pi Pup	2.7060	3800.0	94	46301	No
156	GOM_TRA_1PNPDK20110107_100022_000000433098_00166_46301_8399.N1	07-JAN-2011 10:00:22	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	46301	No
157	GOM_TRA_1PNPDK20110107_100151_000000423098_00166_46301_8400.N1	07-JAN-2011 10:01:51	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46301	No
158	GOM_TRA_1PNPDK20110107_100411_000000563098_00166_46301_8401.N1	07-JAN-2011 10:04:11	Straylight	55.500	1	9Alp CMa	-1.4400	11000.	111	46301	No
159	GOM_TRA_1PNPDK20110107_101127_000000533098_00166_46301_8400.N1	07-JAN-2011 10:11:27	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	46301	No
160	GOM_TRA_1PNPDK20110107_101419_000000473098_00166_46301_8401.N1	07-JAN-2011 10:14:19	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	46301	No
161	GOM_TRA_1PNPDK20110107_101559_000000403098_00166_46301_8402.N1	07-JAN-2011 10:15:59	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	46301	No
162	GOM_TRA_1PNPDK20110107_102002_000000373098_00166_46301_8403.N1	07-JAN-2011 10:20:02	Bright	36.500	107	37The Aur	2.6490	11000.	73	46301	No
163	GOM_TRA_1PNPDK20110107_102215_000000373098_00166_46301_8404.N1	07-JAN-2011 10:22:15	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	46301	No
164	GOM_TRA_1PNPDK20110107_103849_000000393098_00166_46301_8405.N1	07-JAN-2011 10:38:49	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46301	No
165	GOM_TRA_1PNPDK20110107_104253_000000373098_00166_46301_8406.N1	07-JAN-2011 10:42:53	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46301	No
166	GOM_TRA_1PNPDK20110107_104532_000000463098_00166_46301_8407.N1	07-JAN-2011 10:45:32	Bright	45.500	39	85Eta UMa	1.8540	24000.	91	46301	No
167	GOM_TRA_1PNPDK20110107_105001_000000673098_00166_46301_8408.N1	07-JAN-2011 10:50:01	Bright	67.000	180	27Gam Boo	3.0400	8000.0	134	46301	No
168	GOM_TRA_1PNPDK20110107_105400_000000683098_00166_46301_8409.N1	07-JAN-2011 10:54:00	Bright	68.000	83		2.3780	11000.	136	46301	No
169	GOM_TRA_1PNPDK20110107_105927_000000573098_00166_46301_8410.N1	07-JAN-2011 10:59:27	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46301	No
170	GOM_TRA_1PNPDK20110107_110446_000000473098_00166_46301_8411.N1	07-JAN-2011 11:04:46	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	46301	No
171	GOM_TRA_1PNPDK20110107_110739_000000473098_00166_46301_8412.N1	07-JAN-2011 11:07:39	Tw_i_and_stray	47.000	122	9Alp2Lib	2.7470	9700.0	94	46301	No
172	GOM_TRA_1PNPDK20110107_111442_000000533098_00166_46301_8413.N1	07-JAN-2011 11:14:42	Dark	52.500	54	5The Cen	2.0550	4500.0	105	46301	No
173	GOM_TRA_1PNPDK20110107_111716_000000413098_00166_46301_8414.N1	07-JAN-2011 11:17:16	Dark	40.500	95	Zet Cen	2.5450	26000.	81	46301	No
174	GOM_TRA_1PNPDK20110107_111854_000000403098_00167_46302_8415.N1	07-JAN-2011 11:18:54	Dark	40.000	77	Eps Cen	2.3030	28000.	80	46302	No
175	GOM_TRA_1PNPDK20110107_112136_000000413098_00167_46302_8416.N1	07-JAN-2011 11:21:36	Dark	41.000	20	Bet Cru	1.2530	30000.	82	46302	No
176	GOM_TRA_1PNPDK20110107_112713_000000473098_00167_46302_8417.N1	07-JAN-2011 11:27:13	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46302	No
177	GOM_TRA_1PNPDK20110107_112914_000000463098_00167_46302_8418.N1	07-JAN-2011 11:29:14	Dark	46.000	71	lot Car	2.2460	7700.0	92	46302	No
178	GOM_TRA_1PNPDK20110107_113107_000000433098_00167_46302_8419.N1	07-JAN-2011 11:31:07	Dark	42.500	46	Del Vel	1.9540	10600.	85	46302	No
179	GOM_TRA_1PNPDK20110107_113355_000000413098_00167_46302_8420.N1	07-JAN-2011 11:33:55	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	46302	No
180	GOM_TRA_1PNPDK20110107_113605_000000473098_00167_46302_8421.N1	07-JAN-2011 11:36:05	Dark	46.500	70	Zet Pup	2.2460	39000.	93	46302	No
181	GOM_TRA_1PNPDK20110107_113757_000000443098_00167_46302_8422.N1	07-JAN-2011 11:37:57	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	46302	No
182	GOM_TRA_1PNPDK20110107_114037_000000463098_00167_46302_8423.N1	07-JAN-2011 11:40:37	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	46302	No
183	GOM_TRA_1PNPDK20110107_114205_000000433098_00167_46302_8424.N1	07-JAN-2011 11:42:05	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	46302	No
184	GOM_TRA_1PNPDK20110107_114424_000000483098_00167_46302_8435.N1	07-JAN-2011 11:44:24	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	46302	Yes
185	GOM_TRA_1PNPDK20110107_115141_000000533098_00167_46302_8436.N1	07-JAN-2011 11:51:41	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	46302	No
186	GOM_TRA_1PNPDK20110107_115432_000000453098_00167_46302_8437.N1	07-JAN-2011 11:54:32	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	46302	No
187	GOM_TRA_1PNPDK20110107_115613_000000563098_00167_46302_8438.N1	07-JAN-2011 11:56:13	Bright	56.000	151	13Mu Gem	2.8900	3000.0	112	46302	No
188	GOM_TRA_1PNPDK20110107_120016_000000383098_00167_46302_8439.N1	07-JAN-2011 12:00:16	Bright	37.500	107	37The Aur	2.6490	11000.	75	46302	No
189	GOM_TRA_1PNPDK20110107_120229_000000383098_00167_46302_8440.N1	07-JAN-2011 12:02:29	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46302	No

190	GOM_TRA_1PNPDK20110107_121903_000000363098_00167_46302_8441.N1	07-JAN-2011 12:19:03	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46302	No
191	GOM_TRA_1PNPDK20110107_122307_000000353098_00167_46302_8442.N1	07-JAN-2011 12:23:07	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	46302	No
192	GOM_TRA_1PNPDK20110107_122546_000000473098_00167_46302_8443.N1	07-JAN-2011 12:25:46	Bright	47.000	39	85Eta UMa	1.8540	24000.	94	46302	No
193	GOM_TRA_1PNPDK20110107_123014_000000463098_00167_46302_8444.N1	07-JAN-2011 12:30:14	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	46302	No
194	GOM_TRA_1PNPDK20110107_123414_000000493098_00167_46302_8445.N1	07-JAN-2011 12:34:14	Bright	49.000	83		2.3780	11000.	98	46302	No
195	GOM_TRA_1PNPDK20110107_123941_000000573098_00167_46302_8446.N1	07-JAN-2011 12:39:41	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46302	No
196	GOM_TRA_1PNPDK20110107_124501_000000463098_00167_46302_8447.N1	07-JAN-2011 12:45:01	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	46302	No
197	GOM_TRA_1PNPDK20110107_124754_000000453098_00167_46302_8448.N1	07-JAN-2011 12:47:54	Tw_i_and_stray	44.500	122	9Alp2Lib	2.7470	9700.0	89	46302	No
198	GOM_TRA_1PNPDK20110107_125457_000000503098_00167_46302_8449.N1	07-JAN-2011 12:54:57	Dark	50.000	54	5The Cen	2.0550	4500.0	100	46302	No
199	GOM_TRA_1PNPDK20110107_125730_000000423098_00167_46302_8450.N1	07-JAN-2011 12:57:30	Dark	41.500	95	Zet Cen	2.5450	26000.	83	46302	No
200	GOM_TRA_1PNPDK20110107_130151_000000433098_00168_46303_8451.N1	07-JAN-2011 13:01:51	Dark	42.500	20	Bet Cru	1.2530	30000.	85	46303	No
201	GOM_TRA_1PNPDK20110107_130728_000000473098_00168_46303_8452.N1	07-JAN-2011 13:07:28	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46303	No
202	GOM_TRA_1PNPDK20110107_130928_000000423098_00168_46303_8453.N1	07-JAN-2011 13:09:28	Dark	42.000	71	lot Car	2.2460	7700.0	84	46303	No
203	GOM_TRA_1PNPDK20110107_131122_000000413098_00168_46303_8454.N1	07-JAN-2011 13:11:22	Dark	40.500	46	Del Vel	1.9540	10600.	81	46303	No
204	GOM_TRA_1PNPDK20110107_131409_000000453098_00168_46303_8455.N1	07-JAN-2011 13:14:09	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	46303	No
205	GOM_TRA_1PNPDK20110107_131619_000000463098_00168_46303_8456.N1	07-JAN-2011 13:16:19	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46303	No
206	GOM_TRA_1PNPDK20110107_131811_000000483098_00168_46303_8457.N1	07-JAN-2011 13:18:11	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	46303	No
207	GOM_TRA_1PNPDK20110107_132051_000000453098_00168_46303_8458.N1	07-JAN-2011 13:20:51	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	46303	No
208	GOM_TRA_1PNPDK20110107_132219_000000423098_00168_46303_8459.N1	07-JAN-2011 13:22:19	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	46303	No
209	GOM_TRA_1PNPDK20110107_132438_000000513098_00168_46303_8478.N1	07-JAN-2011 13:24:38	Straylight	51.000	1	9Alp CMa	-1.4400	11000.	102	46303	No
210	GOM_TRA_1PNPDK20110107_133155_000000473098_00168_46303_8479.N1	07-JAN-2011 13:31:55	Tw_i_and_stray	47.000	14	58Alp Ori	0.87000	3000.0	94	46303	No
211	GOM_TRA_1PNPDK20110107_133446_000000383098_00168_46303_8480.N1	07-JAN-2011 13:34:46	Tw_i_and_stray	38.000	44	24Gam Gem	1.9280	11000.	76	46303	No
212	GOM_TRA_1PNPDK20110107_133627_000000563098_00168_46303_8481.N1	07-JAN-2011 13:36:27	Bright	56.000	151	13Mu Gem	2.8900	3000.0	112	46303	No
213	GOM_TRA_1PNPDK20110107_134030_000000373098_00168_46303_8482.N1	07-JAN-2011 13:40:30	Bright	36.500	107	37The Aur	2.6490	11000.	73	46303	No
214	GOM_TRA_1PNPDK20110107_134243_000000373098_00168_46303_8483.N1	07-JAN-2011 13:42:43	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	46303	No
215	GOM_TRA_1PNPDK20110107_135917_000000383098_00168_46303_8484.N1	07-JAN-2011 13:59:17	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	46303	No
216	GOM_TRA_1PNPDK20110107_140321_000000533098_00168_46303_8485.N1	07-JAN-2011 14:03:21	Bright	53.000	119	14Eta Dra	2.7270	4700.0	106	46303	No
217	GOM_TRA_1PNPDK20110107_140600_000000483098_00168_46303_8486.N1	07-JAN-2011 14:06:00	Bright	48.000	39	85Eta UMa	1.8540	24000.	96	46303	No
218	GOM_TRA_1PNPDK20110107_141028_000000443098_00168_46303_8487.N1	07-JAN-2011 14:10:28	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	46303	No
219	GOM_TRA_1PNPDK20110107_141429_000000463098_00168_46303_8488.N1	07-JAN-2011 14:14:29	Bright	46.000	83		2.3780	11000.	92	46303	No
220	GOM_TRA_1PNPDK20110107_141955_000000573098_00168_46303_8489.N1	07-JAN-2011 14:19:55	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46303	No
221	GOM_TRA_1PNPDK20110107_142515_000000453098_00168_46303_8490.N1	07-JAN-2011 14:25:15	Bright	45.000	104	27Bet Lib	2.6140	13100.	90	46303	No
222	GOM_TRA_1PNPDK20110107_142809_000000463098_00168_46303_8491.N1	07-JAN-2011 14:28:09	Tw_i_and_stray	45.500	122	9Alp2Lib	2.7470	9700.0	91	46303	No
223	GOM_TRA_1PNPDK20110107_143512_000000503098_00168_46303_8492.N1	07-JAN-2011 14:35:12	Dark	49.500	54	5The Cen	2.0550	4500.0	99	46303	No
224	GOM_TRA_1PNPDK20110107_143745_000000413098_00168_46303_8493.N1	07-JAN-2011 14:37:45	Dark	41.000	95	Zet Cen	2.5450	26000.	82	46303	No
225	GOM_TRA_1PNPDK20110107_143924_000000403098_00169_46304_8494.N1	07-JAN-2011 14:39:24	Dark	40.000	77	Eps Cen	2.3030	28000.	80	46304	No
226	GOM_TRA_1PNPDK20110107_144205_000000433098_00169_46304_8495.N1	07-JAN-2011 14:42:05	Dark	42.500	20	Bet Cru	1.2530	30000.	85	46304	No
227	GOM_TRA_1PNPDK20110107_144743_000000493098_00169_46304_8496.N1	07-JAN-2011 14:47:43	Dark	48.500	113	Mu Vel	2.6920	5000.0	97	46304	No
228	GOM_TRA_1PNPDK20110107_144943_000000403098_00169_46304_8497.N1	07-JAN-2011 14:49:43	Dark	40.000	71	lot Car	2.2460	7700.0	80	46304	No
229	GOM_TRA_1PNPDK20110107_145137_000000413098_00169_46304_8498.N1	07-JAN-2011 14:51:37	Dark	40.500	46	Del Vel	1.9540	10600.	81	46304	No
230	GOM_TRA_1PNPDK20110107_145424_000000433098_00169_46304_8499.N1	07-JAN-2011 14:54:24	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46304	No
231	GOM_TRA_1PNPDK20110107_145633_000000463098_00169_46304_8500.N1	07-JAN-2011 14:56:33	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46304	No
232	GOM_TRA_1PNPDK20110107_145825_000000463098_00169_46304_8501.N1	07-JAN-2011 14:58:25	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	46304	No
233	GOM_TRA_1PNPDK20110107_150105_000000453098_00169_46304_8531.N1	07-JAN-2011 15:01:05	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	46304	No
234	GOM_TRA_1PNPDK20110107_150233_000000453098_00169_46304_8532.N1	07-JAN-2011 15:02:33	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	46304	No
235	GOM_TRA_1PNPDK20110107_150453_000000503098_00169_46304_8533.N1	07-JAN-2011 15:04:53	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	46304	No
236	GOM_TRA_1PNPDK20110107_151209_000000453098_00169_46304_8534.N1	07-JAN-2011 15:12:09	Tw_i_and_stray	44.500	14	58Alp Ori	0.87000	3000.0	89	46304	No
237	GOM_TRA_1PNPDK20110107_151500_000000483098_00169_46304_8535.N1	07-JAN-2011 15:15:00	Tw_i_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	46304	No
238	GOM_TRA_1PNPDK20110107_151640_000000373098_00169_46304_8536.N1	07-JAN-2011 15:16:40	Bright	36.500	151	13Mu Gem	2.8900	3000.0	73	46304	No
239	GOM_TRA_1PNPDK20110107_152044_000000373098_00169_46304_8537.N1	07-JAN-2011 15:20:44	Bright	37.000	107	37The Aur	2.6490	11000.	74	46304	No
240	GOM_TRA_1PNPDK20110107_152256_000000383098_00169_46304_8538.N1	07-JAN-2011 15:22:56	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	46304	No
241	GOM_TRA_1PNPDK20110107_153931_000000373098_00169_46304_8539.N1	07-JAN-2011 15:39:31	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46304	No
242	GOM_TRA_1PNPDK20110107_154335_000000373098_00169_46304_8540.N1	07-JAN-2011 15:43:35	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46304	No
243	GOM_TRA_1PNPDK20110107_154614_000000423098_00169_46304_8541.N1	07-JAN-2011 15:46:14	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	46304	No
244	GOM_TRA_1PNPDK20110107_155043_000000683098_00169_46304_8542.N1	07-JAN-2011 15:50:43	Bright	68.000	180	27Gam Boo	3.0400	8000.0	136	46304	No
245	GOM_TRA_1PNPDK20110107_155443_000000683098_00169_46304_8543.N1	07-JAN-2011 15:54:43	Bright	68.000	83		2.3780	11000.	136	46304	No
246	GOM_TRA_1PNPDK20110107_160010_000000573098_00169_46304_8544.N1	07-JAN-2011 16:00:10	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46304	No
247	GOM_TRA_1PNPDK20110107_160530_000000453098_00169_46304_8545.N1	07-JAN-2011 16:05:30	Bright	44.500	104	27Bet Lib	2.6140	13100.	89	46304	No
248	GOM_TRA_1PNPDK20110107_160823_000000483098_00169_46304_8546.N1	07-JAN-2011 16:08:23	Tw_i_and_stray	47.500	122	9Alp2Lib	2.7470	9700.0	95	46304	No



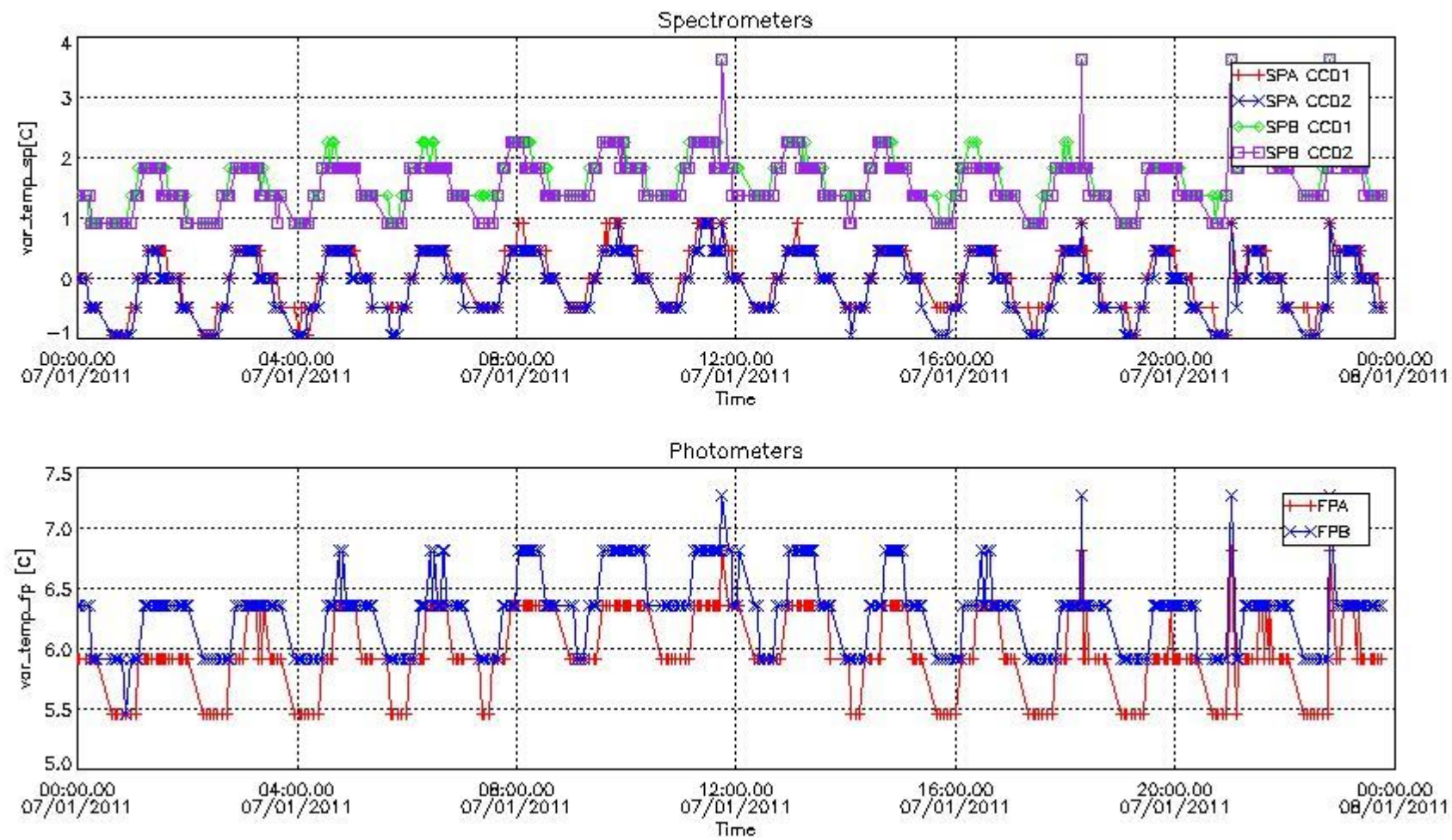
249	GOM_TRA_1PNPDK20110107_161526_000000573098_00169_46304_8547.N1	07-JAN-2011 16:15:26	Dark	57.000	54	5The Cen	2.0550	4500.0	114	46304	No
250	GOM_TRA_1PNPDK20110107_161800_000000423098_00169_46304_8548.N1	07-JAN-2011 16:18:00	Dark	42.000	95	Zet Cen	2.5450	26000.	84	46304	No
251	GOM_TRA_1PNPDK20110107_161938_000000413098_00170_46305_8549.N1	07-JAN-2011 16:19:38	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46305	No
252	GOM_TRA_1PNPDK20110107_162220_000000443098_00170_46305_8550.N1	07-JAN-2011 16:22:20	Dark	43.500	20	Bet Cru	1.2530	30000.	87	46305	No
253	GOM_TRA_1PNPDK20110107_162757_000000473098_00170_46305_8551.N1	07-JAN-2011 16:27:57	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46305	No
254	GOM_TRA_1PNPDK20110107_162958_000000423098_00170_46305_8552.N1	07-JAN-2011 16:29:58	Dark	41.500	71	Iot Car	2.2460	7700.0	83	46305	No
255	GOM_TRA_1PNPDK20110107_163151_000000443098_00170_46305_8553.N1	07-JAN-2011 16:31:51	Dark	43.500	46	Del Vel	1.9540	10600.	87	46305	No
256	GOM_TRA_1PNPDK20110107_163438_000000453098_00170_46305_8554.N1	07-JAN-2011 16:34:38	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	46305	No
257	GOM_TRA_1PNPDK20110107_163648_000000463098_00170_46305_8555.N1	07-JAN-2011 16:36:48	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46305	No
258	GOM_TRA_1PNPDK20110107_163840_000000463098_00170_46305_8556.N1	07-JAN-2011 16:38:40	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	46305	No
259	GOM_TRA_1PNPDK20110107_164119_000000463098_00170_46305_8557.N1	07-JAN-2011 16:41:19	Straylight	46.000	23	21Eps CMa	1.5020	26000.	92	46305	No
260	GOM_TRA_1PNPDK20110107_164248_000000453098_00170_46305_8558.N1	07-JAN-2011 16:42:48	Straylight	44.500	179	24Omi2CMa	3.0320	24000.	89	46305	No
261	GOM_TRA_1PNPDK20110107_164507_000000493098_00170_46305_8559.N1	07-JAN-2011 16:45:07	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	46305	No
262	GOM_TRA_1PNPDK20110107_165223_000000473098_00170_46305_8560.N1	07-JAN-2011 16:52:23	Tw_i_and_stray	46.500	14	58Alp Ori	0.87000	3000.0	93	46305	No
263	GOM_TRA_1PNPDK20110107_165514_000000493098_00170_46305_8561.N1	07-JAN-2011 16:55:14	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	46305	No
264	GOM_TRA_1PNPDK20110107_165654_000000563098_00170_46305_8562.N1	07-JAN-2011 16:56:54	Bright	56.000	151	13Mu Gem	2.8900	3000.0	112	46305	No
265	GOM_TRA_1PNPDK20110107_170058_000000383098_00170_46305_8563.N1	07-JAN-2011 17:00:58	Bright	37.500	107	37The Aur	2.6490	11000.	75	46305	No
266	GOM_TRA_1PNPDK20110107_170310_000000393098_00170_46305_8564.N1	07-JAN-2011 17:03:10	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	46305	No
267	GOM_TRA_1PNPDK20110107_171945_000000393098_00170_46305_8565.N1	07-JAN-2011 17:19:45	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46305	No
268	GOM_TRA_1PNPDK20110107_172349_000000383098_00170_46305_8566.N1	07-JAN-2011 17:23:49	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46305	No
269	GOM_TRA_1PNPDK20110107_172627_000000423098_00170_46305_8567.N1	07-JAN-2011 17:26:27	Bright	42.000	39	85Eta UMa	1.8540	24000.	84	46305	No
270	GOM_TRA_1PNPDK20110107_173057_000000683098_00170_46305_8568.N1	07-JAN-2011 17:30:57	Bright	68.000	180	27Gam Boo	3.0400	8000.0	136	46305	No
271	GOM_TRA_1PNPDK20110107_173457_000000493098_00170_46305_8569.N1	07-JAN-2011 17:34:57	Bright	49.000	83		2.3780	11000.	98	46305	No
272	GOM_TRA_1PNPDK20110107_174024_000000573098_00170_46305_8570.N1	07-JAN-2011 17:40:24	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46305	No
273	GOM_TRA_1PNPDK20110107_174545_000000443098_00170_46305_8571.N1	07-JAN-2011 17:45:45	Bright	44.000	104	27Bet Lib	2.6140	13100.	88	46305	No
274	GOM_TRA_1PNPDK20110107_174838_000000493098_00170_46305_8572.N1	07-JAN-2011 17:48:38	Tw_i_and_stray	48.500	122	9Alp2Lib	2.7470	9700.0	97	46305	No
275	GOM_TRA_1PNPDK20110107_175541_000000573098_00170_46305_8573.N1	07-JAN-2011 17:55:41	Dark	56.500	54	5The Cen	2.0550	4500.0	113	46305	No
276	GOM_TRA_1PNPDK20110107_175815_000000423098_00170_46305_8574.N1	07-JAN-2011 17:58:15	Dark	41.500	95	Zet Cen	2.5450	26000.	83	46305	No
277	GOM_TRA_1PNPDK20110107_175953_000000413098_00171_46306_8575.N1	07-JAN-2011 17:59:53	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46306	No
278	GOM_TRA_1PNPDK20110107_180235_000000433098_00171_46306_8576.N1	07-JAN-2011 18:02:35	Dark	42.500	20	Bet Cru	1.2530	30000.	85	46306	No
279	GOM_TRA_1PNPDK20110107_180812_000000483098_00171_46306_8577.N1	07-JAN-2011 18:08:12	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46306	No
280	GOM_TRA_1PNPDK20110107_181012_000000433098_00171_46306_8578.N1	07-JAN-2011 18:10:12	Dark	42.500	71	Iot Car	2.2460	7700.0	85	46306	No
281	GOM_TRA_1PNPDK20110107_181206_000000433098_00171_46306_8579.N1	07-JAN-2011 18:12:06	Dark	43.000	46	Del Vel	1.9540	10600.	86	46306	No
282	GOM_TRA_1PNPDK20110107_181453_000000463098_00171_46306_8580.N1	07-JAN-2011 18:14:53	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	46306	No
283	GOM_TRA_1PNPDK20110107_181703_000000473098_00171_46306_8585.N1	07-JAN-2011 18:17:03	Dark	47.000	70	Zet Pup	2.2460	39000.	94	46306	Yes
284	GOM_TRA_1PNPDK20110107_181854_000000483098_00171_46306_8586.N1	07-JAN-2011 18:18:54	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	46306	No
285	GOM_TRA_1PNPDK20110107_182134_000000463098_00171_46306_8587.N1	07-JAN-2011 18:21:34	Straylight	46.000	23	21Eps CMa	1.5020	26000.	92	46306	No
286	GOM_TRA_1PNPDK20110107_182302_000000433098_00171_46306_8588.N1	07-JAN-2011 18:23:02	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	46306	No
287	GOM_TRA_1PNPDK20110107_182521_000000533098_00171_46306_8589.N1	07-JAN-2011 18:25:21	Straylight	53.000	1	9Alp CMa	-1.4400	11000.	106	46306	No
288	GOM_TRA_1PNPDK20110107_183237_000000493098_00171_46306_8590.N1	07-JAN-2011 18:32:37	Tw_i_and_stray	49.000	14	58Alp Ori	0.87000	3000.0	98	46306	No
289	GOM_TRA_1PNPDK20110107_183528_000000473098_00171_46306_8591.N1	07-JAN-2011 18:35:28	Tw_i_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	46306	No
290	GOM_TRA_1PNPDK20110107_183708_000000463098_00171_46306_8592.N1	07-JAN-2011 18:37:08	Bright	46.000	151	13Mu Gem	2.8900	3000.0	92	46306	No
291	GOM_TRA_1PNPDK20110107_184112_000000383098_00171_46306_8593.N1	07-JAN-2011 18:41:12	Bright	38.000	107	37The Aur	2.6490	11000.	76	46306	No
292	GOM_TRA_1PNPDK20110107_184324_000000383098_00171_46306_8594.N1	07-JAN-2011 18:43:24	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46306	No
293	GOM_TRA_1PNPDK20110107_185959_000000373098_00171_46306_8595.N1	07-JAN-2011 18:59:59	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46306	No
294	GOM_TRA_1PNPDK20110107_190403_000000393098_00171_46306_8596.N1	07-JAN-2011 19:04:03	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46306	No
295	GOM_TRA_1PNPDK20110107_190641_000000373098_00171_46306_8597.N1	07-JAN-2011 19:06:41	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	46306	No
296	GOM_TRA_1PNPDK20110107_191111_000000463098_00171_46306_8598.N1	07-JAN-2011 19:11:11	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	46306	No
297	GOM_TRA_1PNPDK20110107_191512_000000463098_00171_46306_8599.N1	07-JAN-2011 19:15:12	Bright	46.000	83		2.3780	11000.	92	46306	No
298	GOM_TRA_1PNPDK20110107_192039_000000573098_00171_46306_8600.N1	07-JAN-2011 19:20:39	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46306	No
299	GOM_TRA_1PNPDK20110107_192559_000000453098_00171_46306_8601.N1	07-JAN-2011 19:25:59	Bright	45.000	104	27Bet Lib	2.6140	13100.	90	46306	No
300	GOM_TRA_1PNPDK20110107_192853_000000513098_00171_46306_8602.N1	07-JAN-2011 19:28:53	Tw_i_and_stray	50.500	122	9Alp2Lib	2.7470	9700.0	101	46306	No
301	GOM_TRA_1PNPDK20110107_193556_000000463098_00171_46306_8603.N1	07-JAN-2011 19:35:56	Dark	46.000	54	5The Cen	2.0550	4500.0	92	46306	No
302	GOM_TRA_1PNPDK20110107_193830_000000423098_00171_46306_8604.N1	07-JAN-2011 19:38:30	Dark	42.000	95	Zet Cen	2.5450	26000.	84	46306	No
303	GOM_TRA_1PNPDK20110107_194008_000000443098_00172_46307_8605.N1	07-JAN-2011 19:40:08	Dark	43.500	77	Eps Cen	2.3030	28000.	87	46307	No
304	GOM_TRA_1PNPDK20110107_194249_000000443098_00172_46307_8606.N1	07-JAN-2011 19:42:49	Dark	43.500	20	Bet Cru	1.2530	30000.	87	46307	No
305	GOM_TRA_1PNPDK20110107_194827_000000573098_00172_46307_8607.N1	07-JAN-2011 19:48:27	Dark	57.000	113	Mu Vel	2.6920	5000.0	114	46307	No
306	GOM_TRA_1PNPDK20110107_195027_000000423098_00172_46307_8608.N1	07-JAN-2011 19:50:27	Dark	41.500	71	Iot Car	2.2460	7700.0	83	46307	No
307	GOM_TRA_1PNPDK20110107_195220_000000443098_00172_46307_8609.N1	07-JAN-2011 19:52:20	Dark	44.000	46	Del Vel	1.9540	10600.	88	46307	No

308	GOM_TRA_1PNPDE20110107_195507_000000473098_00172_46307_2404.N1	07-JAN-2011 19:55:07	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	46307	No
309	GOM_TRA_1PNPDE20110107_195717_000000463098_00172_46307_2405.N1	07-JAN-2011 19:57:17	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46307	No
310	GOM_TRA_1PNPDE20110107_195909_000000483098_00172_46307_2406.N1	07-JAN-2011 19:59:09	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	46307	No
311	GOM_TRA_1PNPDE20110107_200148_000000463098_00172_46307_2407.N1	07-JAN-2011 20:01:48	Straylight	46.000	23	21Eps CMa	1.5020	26000.	92	46307	No
312	GOM_TRA_1PNPDE20110107_200316_000000423098_00172_46307_2408.N1	07-JAN-2011 20:03:16	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46307	No
313	GOM_TRA_1PNPDE20110107_200535_000000493098_00172_46307_2409.N1	07-JAN-2011 20:05:35	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	46307	No
314	GOM_TRA_1PNPDE20110107_201251_000000523098_00172_46307_2410.N1	07-JAN-2011 20:12:51	Tw_i_and_stray	51.500	14	58Alp Ori	0.87000	3000.0	103	46307	No
315	GOM_TRA_1PNPDE20110107_201541_000000483098_00172_46307_2411.N1	07-JAN-2011 20:15:41	Tw_i_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	46307	No
316	GOM_TRA_1PNPDE20110107_201722_000000453098_00172_46307_2412.N1	07-JAN-2011 20:17:22	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	46307	No
317	GOM_TRA_1PNPDE20110107_202126_000000383098_00172_46307_2413.N1	07-JAN-2011 20:21:26	Bright	37.500	107	37The Aur	2.6490	11000.	75	46307	No
318	GOM_TRA_1PNPDE20110107_202338_000000383098_00172_46307_2414.N1	07-JAN-2011 20:23:38	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46307	No
319	GOM_TRA_1PNPDE20110107_204013_000000363098_00172_46307_2415.N1	07-JAN-2011 20:40:13	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46307	No
320	GOM_TRA_1PNPDE20110107_204417_000000393098_00172_46307_2416.N1	07-JAN-2011 20:44:17	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46307	No
321	GOM_TRA_1PNPDE20110107_204655_000000373098_00172_46307_2417.N1	07-JAN-2011 20:46:55	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	46307	No
322	GOM_TRA_1PNPDE20110107_205125_000000453098_00172_46307_2418.N1	07-JAN-2011 20:51:25	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	46307	No
323	GOM_TRA_1PNPDE20110107_205526_000000483098_00172_46307_2419.N1	07-JAN-2011 20:55:26	Bright	47.500	83		2.3780	11000.	95	46307	No
324	GOM_TRA_1PNPDE20110107_210053_000000573098_00172_46307_2424.N1	07-JAN-2011 21:00:53	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46307	Yes
325	GOM_TRA_1PNPDE20110107_210614_000000493098_00172_46307_2425.N1	07-JAN-2011 21:06:14	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	46307	No
326	GOM_TRA_1PNPDE20110107_210908_000000503098_00172_46307_2426.N1	07-JAN-2011 21:09:08	Tw_i_and_stray	50.000	122	9Alp2Lib	2.7470	9700.0	100	46307	No
327	GOM_TRA_1PNPDE20110107_211611_000000533098_00172_46307_2427.N1	07-JAN-2011 21:16:11	Dark	53.000	54	5The Cen	2.0550	4500.0	106	46307	No
328	GOM_TRA_1PNPDE20110107_211844_000000433098_00172_46307_2428.N1	07-JAN-2011 21:18:44	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46307	No
329	GOM_TRA_1PNPDE20110107_212022_000000433098_00173_46308_2429.N1	07-JAN-2011 21:20:22	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46308	No
330	GOM_TRA_1PNPDE20110107_212304_000000443098_00173_46308_2430.N1	07-JAN-2011 21:23:04	Dark	44.000	20	Bet Cru	1.2530	30000.	88	46308	No
331	GOM_TRA_1PNPDE20110107_212842_000000483098_00173_46308_2431.N1	07-JAN-2011 21:28:42	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46308	No
332	GOM_TRA_1PNPDE20110107_213041_000000423098_00173_46308_2432.N1	07-JAN-2011 21:30:41	Dark	41.500	71	lot Car	2.2460	7700.0	83	46308	No
333	GOM_TRA_1PNPDE20110107_213234_000000473098_00173_46308_2433.N1	07-JAN-2011 21:32:34	Dark	46.500	46	Del Vel	1.9540	10600.	93	46308	No
334	GOM_TRA_1PNPDE20110107_213521_000000453098_00173_46308_2434.N1	07-JAN-2011 21:35:21	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	46308	No
335	GOM_TRA_1PNPDE20110107_213731_000000473098_00173_46308_2435.N1	07-JAN-2011 21:37:31	Dark	46.500	70	Zet Pup	2.2460	39000.	93	46308	No
336	GOM_TRA_1PNPDE20110107_213923_000000463098_00173_46308_2436.N1	07-JAN-2011 21:39:23	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	46308	No
337	GOM_TRA_1PNPDE20110107_214202_000000453098_00173_46308_2437.N1	07-JAN-2011 21:42:02	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	46308	No
338	GOM_TRA_1PNPDE20110107_214330_000000433098_00173_46308_2438.N1	07-JAN-2011 21:43:30	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	46308	No
339	GOM_TRA_1PNPDE20110107_214549_000000523098_00173_46308_2439.N1	07-JAN-2011 21:45:49	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	46308	No
340	GOM_TRA_1PNPDE20110107_215305_000000533098_00173_46308_2440.N1	07-JAN-2011 21:53:05	Tw_i_and_stray	53.000	14	58Alp Ori	0.87000	3000.0	106	46308	No
341	GOM_TRA_1PNPDE20110107_215555_000000433098_00173_46308_2441.N1	07-JAN-2011 21:55:55	Tw_i_and_stray	43.000	44	24Gam Gem	1.9280	11000.	86	46308	No
342	GOM_TRA_1PNPDE20110107_215736_000000473098_00173_46308_2442.N1	07-JAN-2011 21:57:36	Bright	47.000	151	13Mu Gem	2.8900	3000.0	94	46308	No
343	GOM_TRA_1PNPDE20110107_220139_000000383098_00173_46308_2443.N1	07-JAN-2011 22:01:39	Bright	37.500	107	37The Aur	2.6490	11000.	75	46308	No
344	GOM_TRA_1PNPDE20110107_220352_000000363098_00173_46308_2444.N1	07-JAN-2011 22:03:52	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	46308	No
345	GOM_TRA_1PNPDE20110107_222027_000000553098_00173_46308_2445.N1	07-JAN-2011 22:20:27	Bright	55.000	60	7Bet UMi	2.0810	3950.0	110	46308	No
346	GOM_TRA_1PNPDE20110107_222431_000000373098_00173_46308_2446.N1	07-JAN-2011 22:24:31	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46308	No
347	GOM_TRA_1PNPDE20110107_222708_000000323098_00173_46308_2447.N1	07-JAN-2011 22:27:08	Tw_i_and_stray	32.000	39	85Eta UMa	1.8540	24000.	64	46308	No
348	GOM_TRA_1PNPDE20110107_223138_000000683098_00173_46308_2448.N1	07-JAN-2011 22:31:38	Bright	68.000	180	27Gam Boo	3.0400	8000.0	136	46308	No
349	GOM_TRA_1PNPDE20110107_223540_000000683098_00173_46308_2449.N1	07-JAN-2011 22:35:40	Bright	68.000	83		2.3780	11000.	136	46308	No
350	GOM_TRA_1PNPDE20110107_224107_000000573098_00173_46308_2450.N1	07-JAN-2011 22:41:07	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	46308	No
351	GOM_TRA_1PNPDE20110107_224628_000000453098_00173_46308_2451.N1	07-JAN-2011 22:46:28	Bright	45.000	104	27Bet Lib	2.6140	13100.	90	46308	No
352	GOM_TRA_1PNPDE20110107_224923_000000493098_00173_46308_2451.N1	07-JAN-2011 22:49:23	Tw_i_and_stray	48.500	122	9Alp2Lib	2.7470	9700.0	97	46308	No
353	GOM_TRA_1PNPDE20110107_225626_000000573098_00173_46308_2452.N1	07-JAN-2011 22:56:26	Dark	57.000	54	5The Cen	2.0550	4500.0	114	46308	No
354	GOM_TRA_1PNPDE20110107_225859_000000433098_00173_46308_2453.N1	07-JAN-2011 22:58:59	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46308	No
355	GOM_TRA_1PNPDE20110107_230037_000000403098_00174_46309_2454.N1	07-JAN-2011 23:00:37	Dark	39.500	77	Eps Cen	2.3030	28000.	79	46309	No
356	GOM_TRA_1PNPDE20110107_230318_000000423098_00174_46309_2455.N1	07-JAN-2011 23:03:18	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46309	No
357	GOM_TRA_1PNPDE20110107_230857_000000563098_00174_46309_2456.N1	07-JAN-2011 23:08:57	Dark	56.000	113	Mu Vel	2.6920	5000.0	112	46309	No
358	GOM_TRA_1PNPDE20110107_231055_000000413098_00174_46309_2457.N1	07-JAN-2011 23:10:55	Dark	41.000	71	lot Car	2.2460	7700.0	82	46309	No
359	GOM_TRA_1PNPDE20110107_231249_000000423098_00174_46309_2458.N1	07-JAN-2011 23:12:49	Dark	42.000	46	Del Vel	1.9540	10600.	84	46309	No
360	GOM_TRA_1PNPDE20110107_231536_000000473098_00174_46309_2459.N1	07-JAN-2011 23:15:36	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	46309	No
361	GOM_TRA_1PNPDE20110107_231746_000000483098_00174_46309_2460.N1	07-JAN-2011 23:17:46	Dark	47.500	70	Zet Pup	2.2460	39000.	95	46309	No
362	GOM_TRA_1PNPDE20110107_231937_000000553098_00174_46309_2461.N1	07-JAN-2011 23:19:37	Straylight	54.500	117	Pi Pup	2.7060	3800.0	109	46309	No
363	GOM_TRA_1PNPDE20110107_232216_000000453098_00174_46309_2462.N1	07-JAN-2011 23:22:16	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	46309	No
364	GOM_TRA_1PNPDE20110107_232344_000000443098_00174_46309_2463.N1	07-JAN-2011 23:23:44	Straylight	44.000	179	24Omi2CMa	3.0320	24000.	88	46309	No
365	GOM_TRA_1PNPDE20110107_232603_000000553098_00174_46309_2464.N1	07-JAN-2011 23:26:03	Straylight	55.000	1	9Alp CMa	-1.4400	11000.	110	46309	No
366	GOM_TRA_1PNPDE20110107_233319_000000523098_00174_46309_2465.N1	07-JAN-2011 23:33:19	Tw_i_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	46309	No



367	GOM_TRA_1PNPDE20110107_233609_000000463098_00174_46309_2466.N1	07-JAN-2011 23:36:09	Twilight_stray	45.500	44	24Gam Gem	1.9280	11000.	91	46309	No
368	GOM_TRA_1PNPDE20110107_233749_000000463098_00174_46309_2467.N1	07-JAN-2011 23:37:49	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	46309	No
369	GOM_TRA_1PNPDE20110107_234153_000000383098_00174_46309_2468.N1	07-JAN-2011 23:41:53	Bright	37.500	107	37The Aur	2.6490	11000.	75	46309	No
370	GOM_TRA_1PNPDE20110107_234406_000000383098_00174_46309_2469.N1	07-JAN-2011 23:44:06	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46309	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).

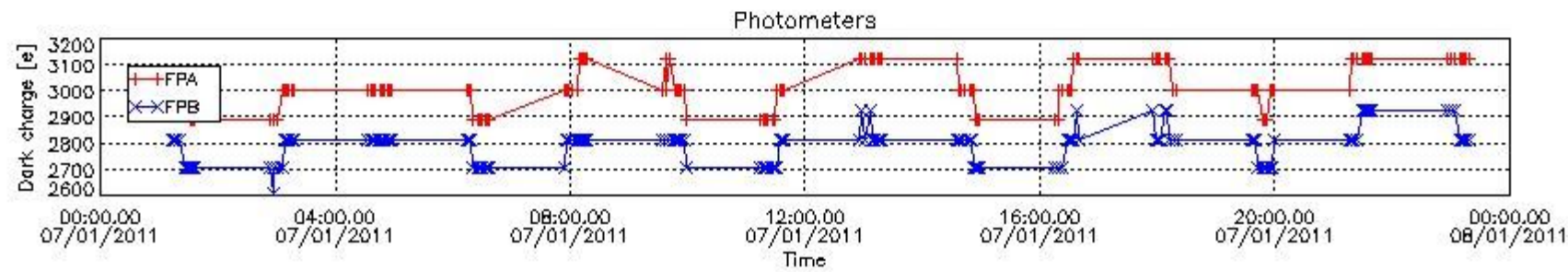
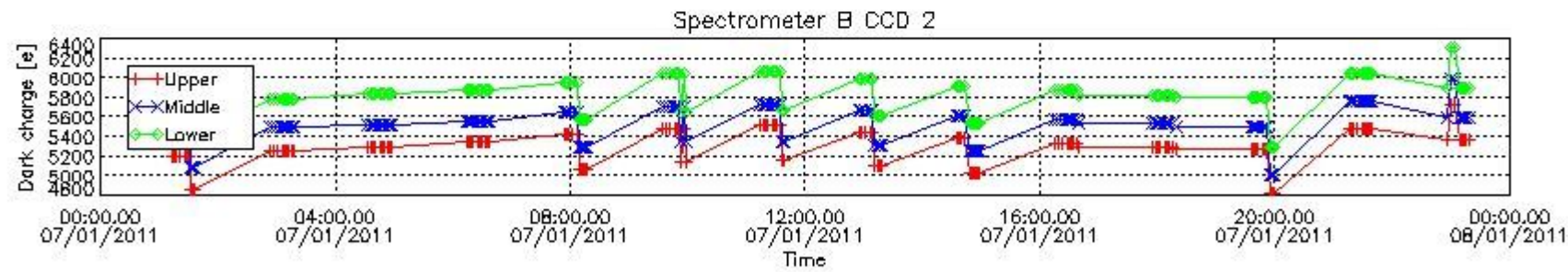
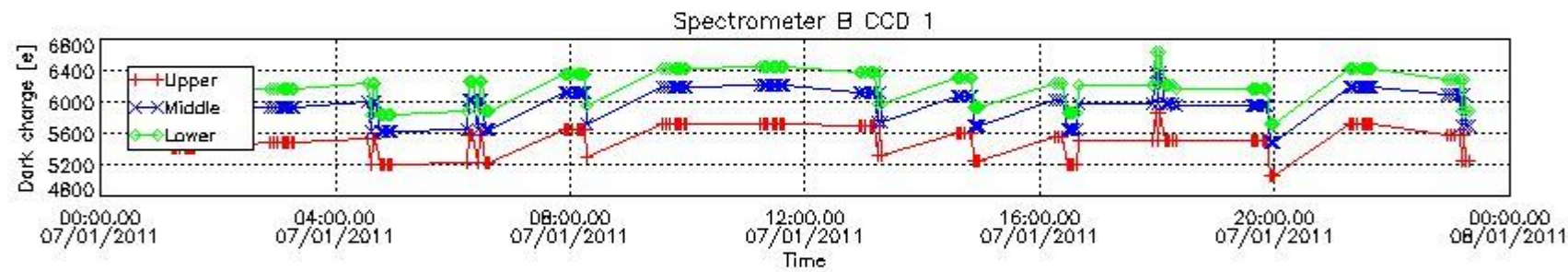
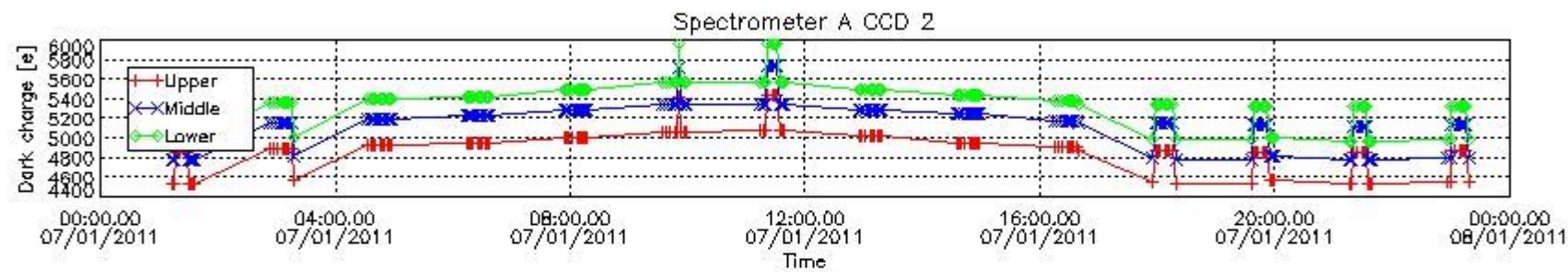
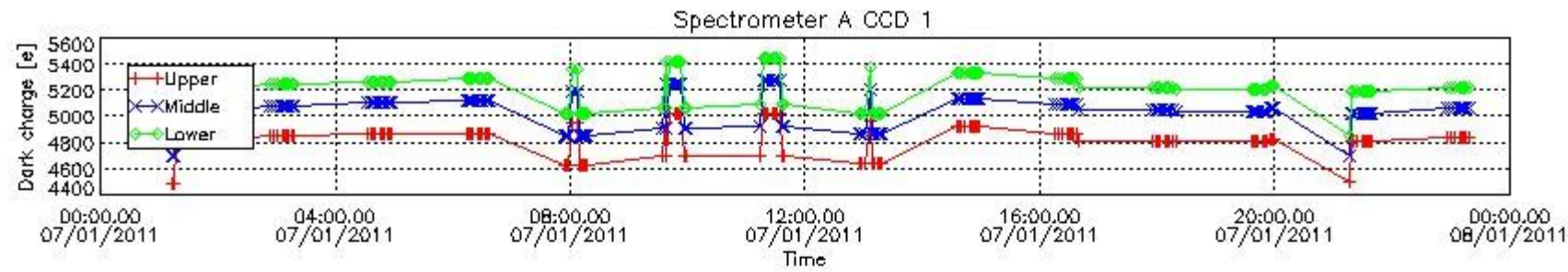
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110107_195507_000000473098_00172_46307_2404.N1	DC map used
GOM_TRA_1PNPDE20110107_195717_000000463098_00172_46307_2405.N1	DC map used
GOM_TRA_1PNPDE20110107_195909_000000483098_00172_46307_2406.N1	DC map used
GOM_TRA_1PNPDE20110107_200148_000000463098_00172_46307_2407.N1	DC map used
GOM_TRA_1PNPDE20110107_200316_000000423098_00172_46307_2408.N1	DC map used
GOM_TRA_1PNPDE20110107_200535_000000493098_00172_46307_2409.N1	DC map used

GOM_TRA_1PNPDE20110107_201251_000000523098_00172_46307_2410.N1	DC map used
GOM_TRA_1PNPDE20110107_201541_000000483098_00172_46307_2411.N1	DC map used
GOM_TRA_1PNPDE20110107_201722_000000453098_00172_46307_2412.N1	DC map used
GOM_TRA_1PNPDE20110107_202126_000000383098_00172_46307_2413.N1	DC map used
GOM_TRA_1PNPDE20110107_202338_000000383098_00172_46307_2414.N1	DC map used
GOM_TRA_1PNPDE20110107_204013_000000363098_00172_46307_2415.N1	DC map used
GOM_TRA_1PNPDE20110107_204417_000000393098_00172_46307_2416.N1	DC map used
GOM_TRA_1PNPDE20110107_204655_000000373098_00172_46307_2417.N1	DC map used
GOM_TRA_1PNPDE20110107_205125_000000453098_00172_46307_2418.N1	DC map used
GOM_TRA_1PNPDE20110107_205526_000000483098_00172_46307_2419.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

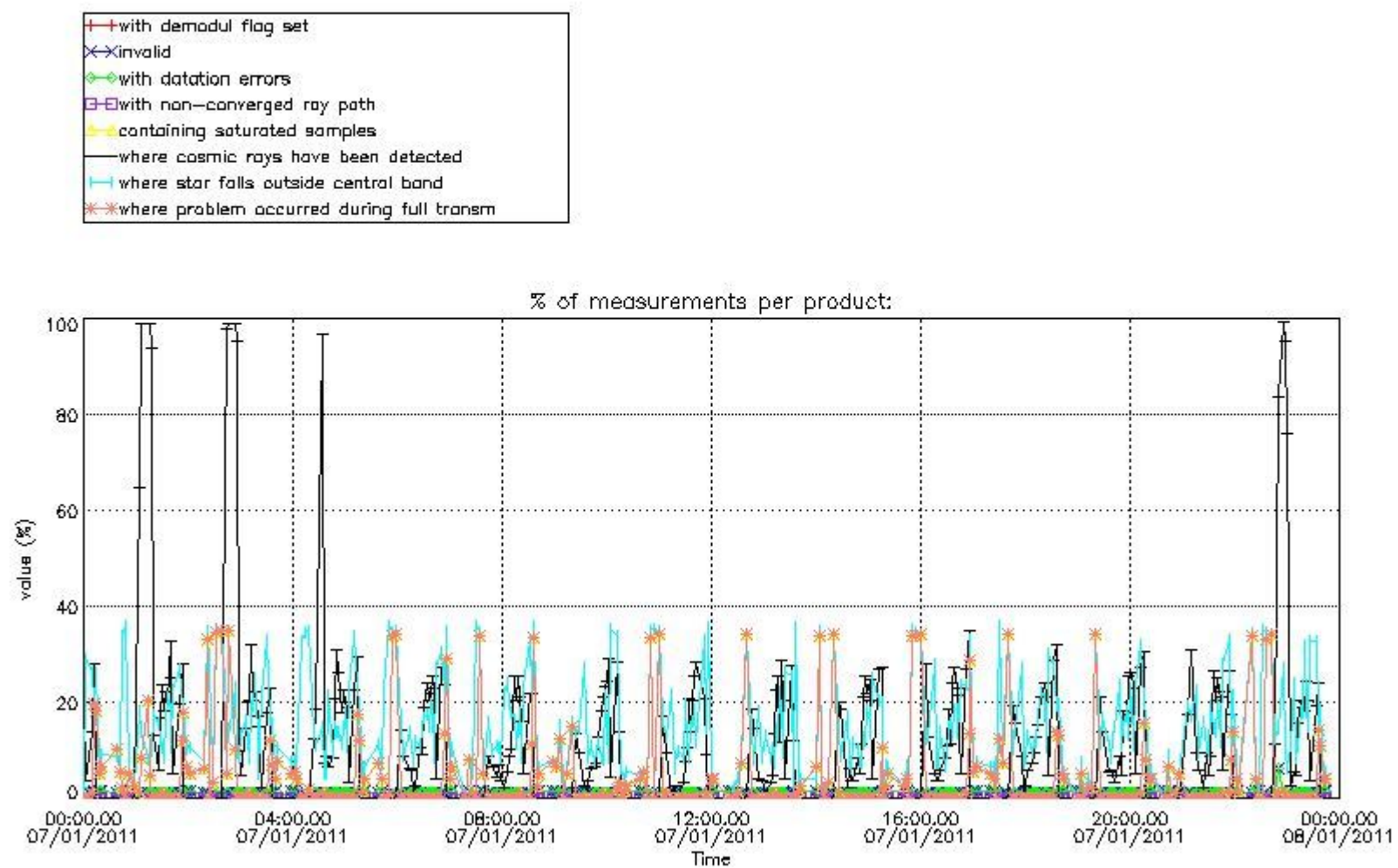
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

### 5.1 Percentage of products during reporting period with:

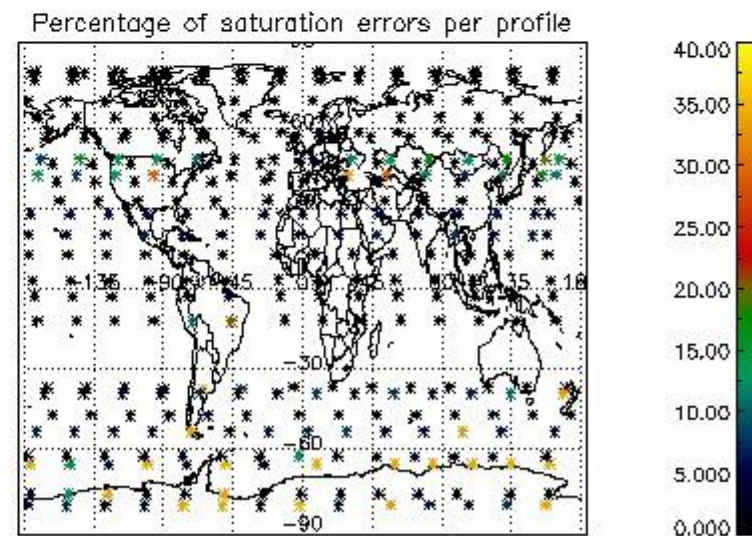
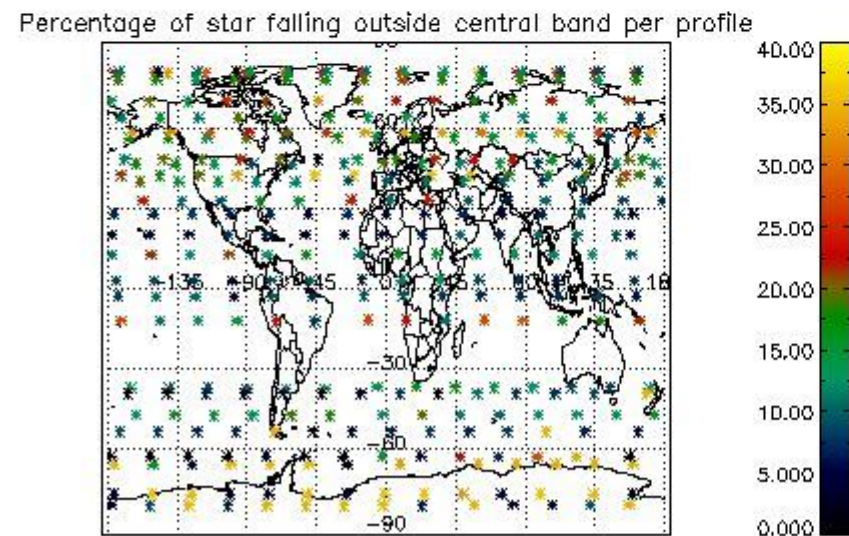
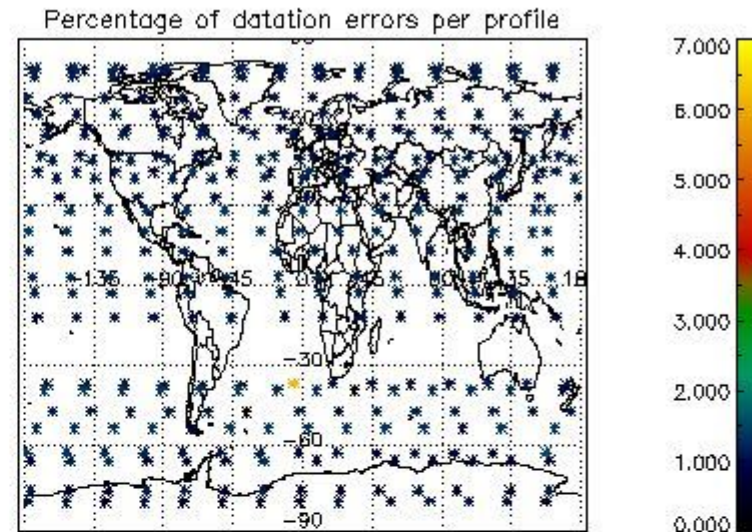
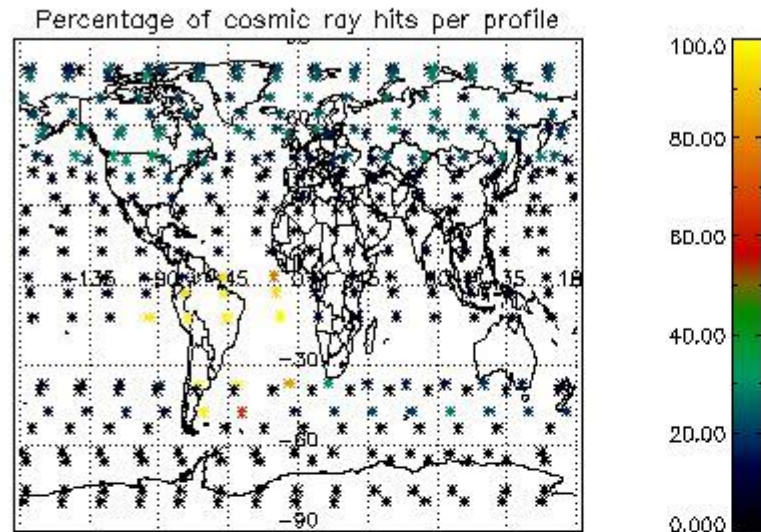


At least one measurement with demodulation flag set:	56.4033 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

### 5.2 Plot quality information per product (time dependant)



### 5.3 Plot quality information per product (world map)



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

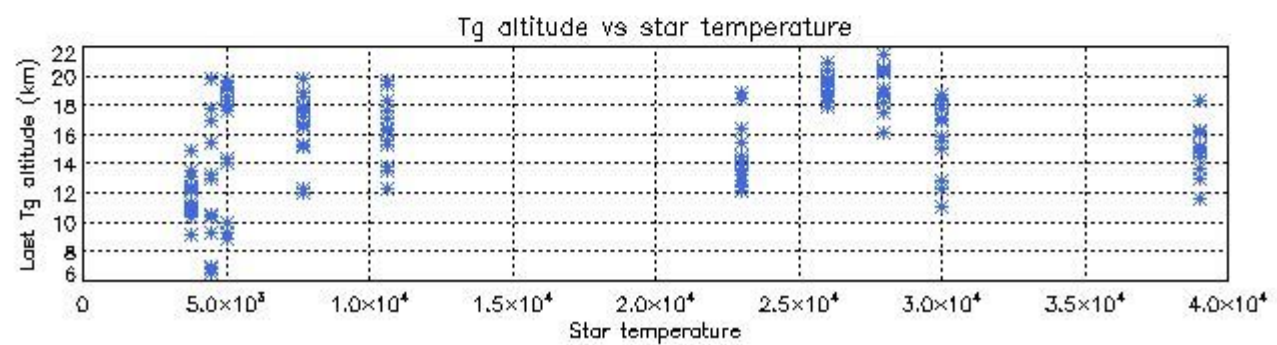
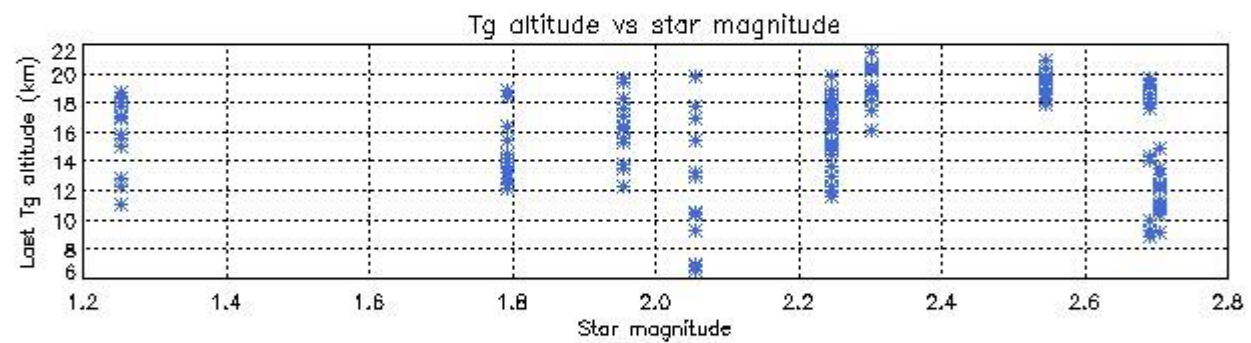
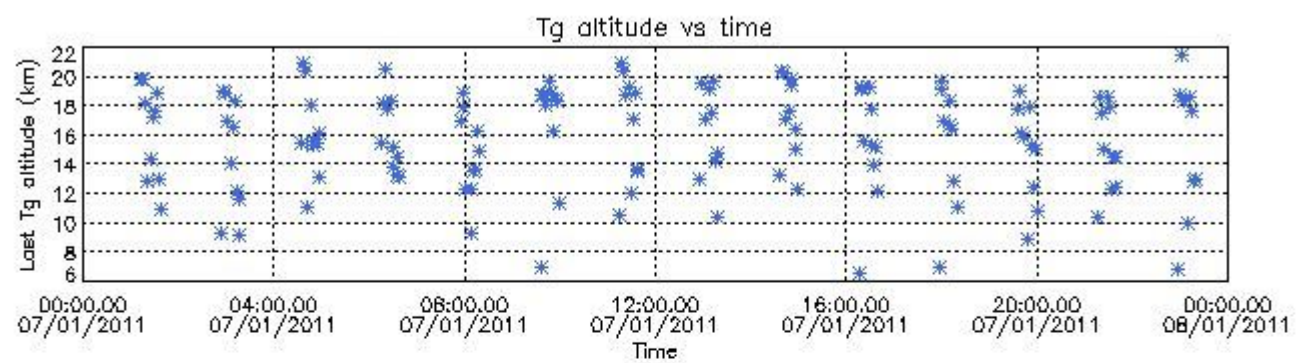
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.712	16.103	NaN
St. deviation:	3.4346	8.3455	NaN
Maximum:	21.424	45.298	NaN
Minimum:	6.6029	3.4899	NaN
Number of data:	137.00	141.00	NaN

### 6.2 Plot for DARK limb products



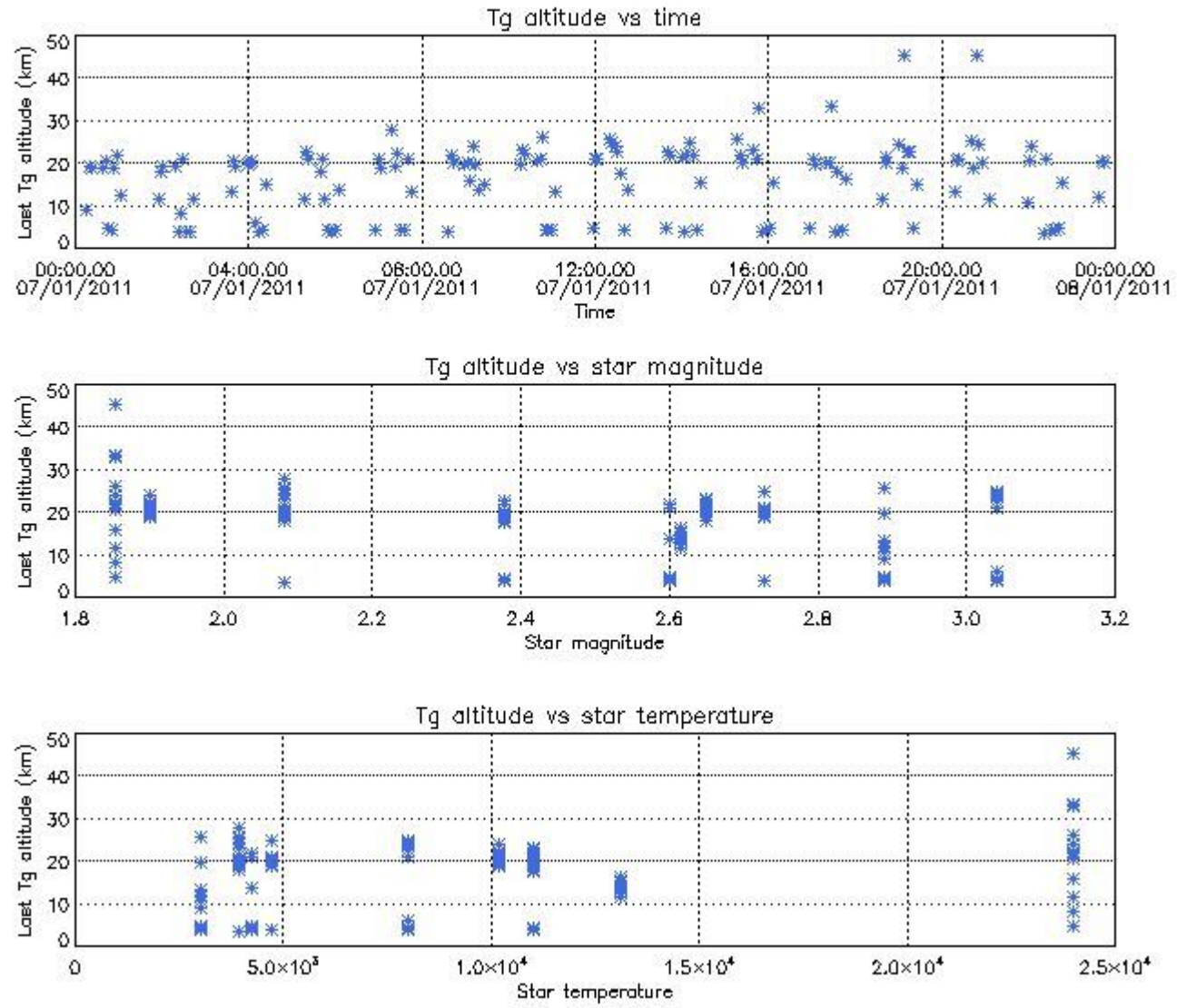
Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products



## Tangent altitude at which the star is lost

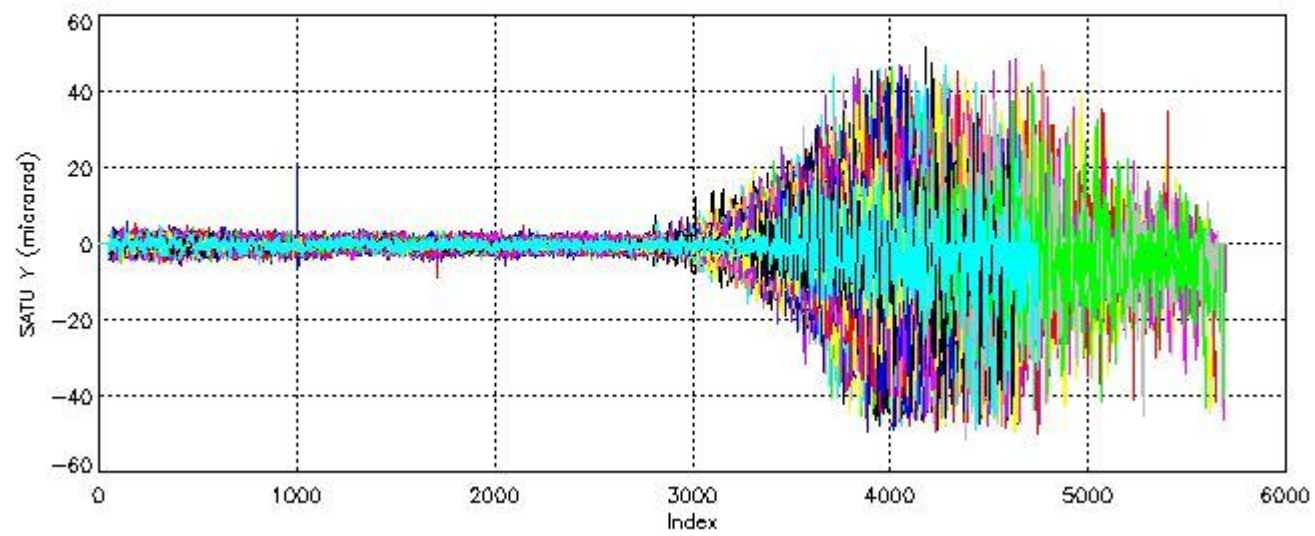
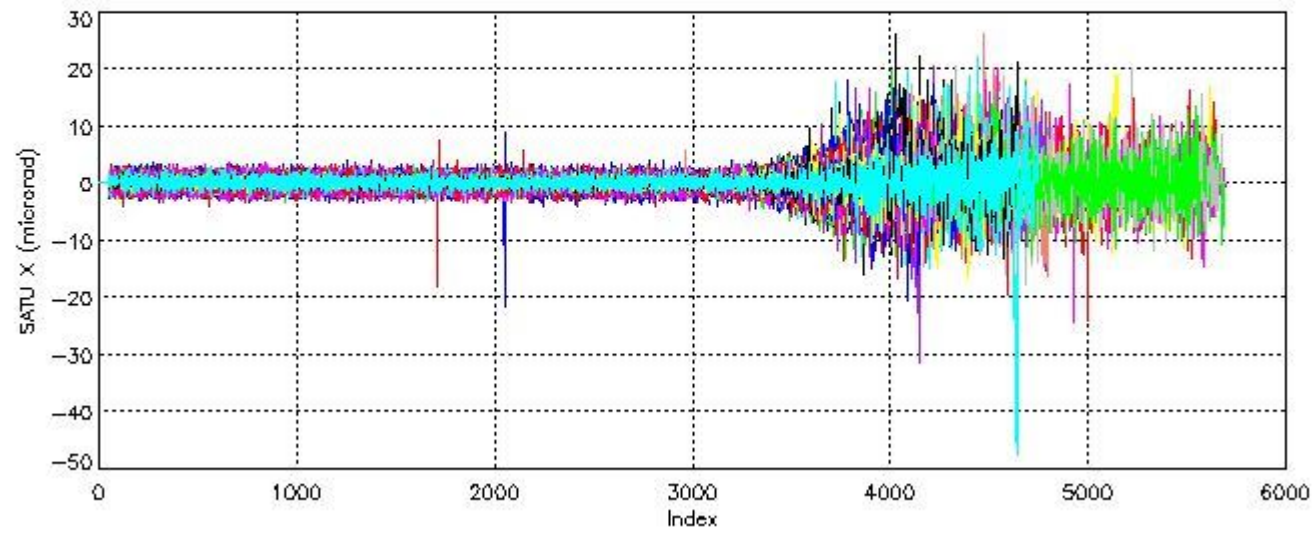


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.17735	-0.40363	0.13722	-0.38028
St. deviation:	0.58829	1.0384	0.75551	1.0598
Maximum:	3.7000	20.900	5.6000	6.1000
Minimum:	-3.9000	-6.8000	-5.0000	-7.4000

Number of data: 1.3875E+05 1.3875E+05 1.3650E+05 1.3650E+05

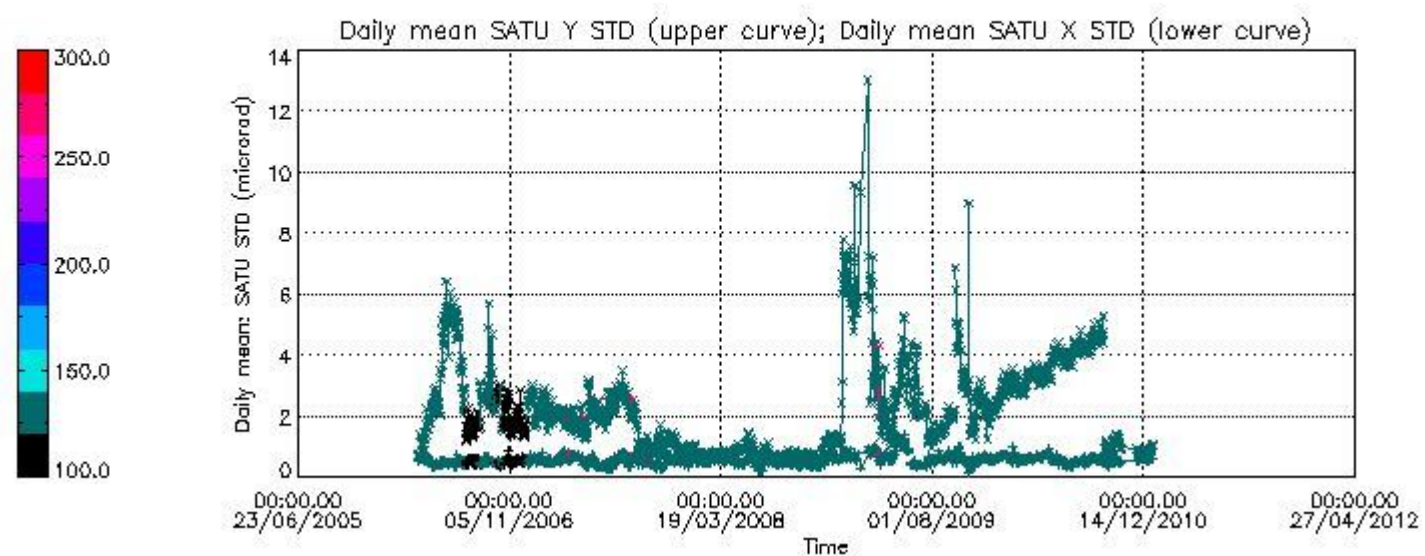
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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



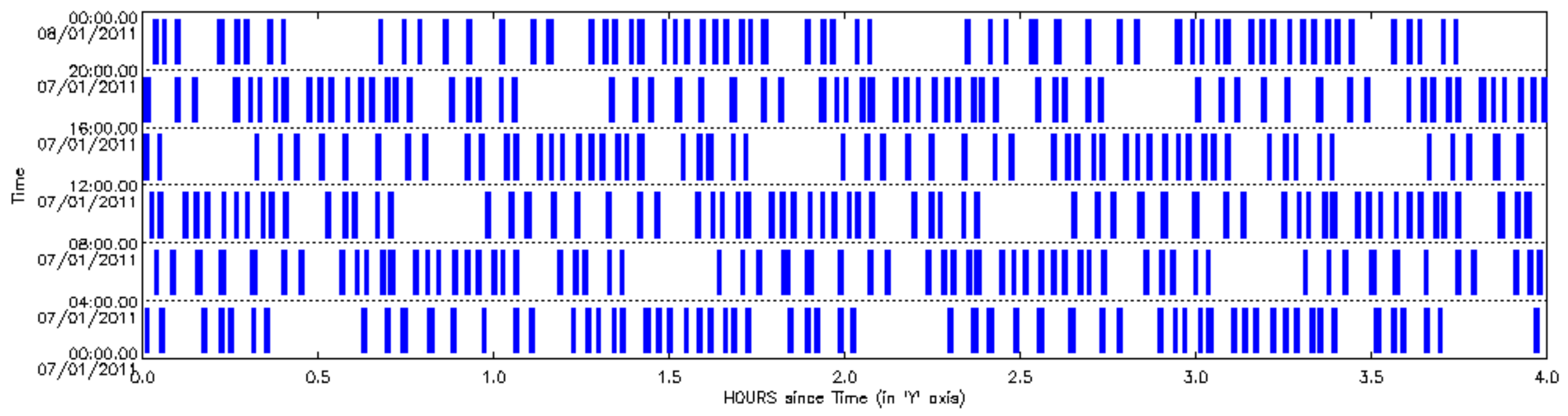
### 8. Auxiliary Data Files used for the production reported in section 2.4

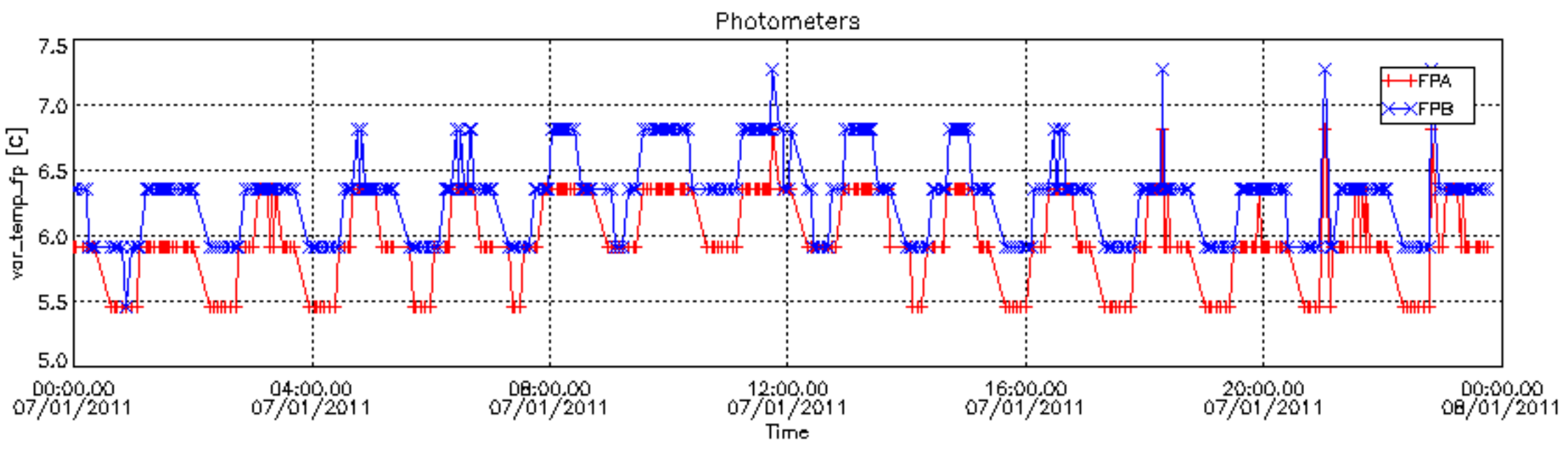
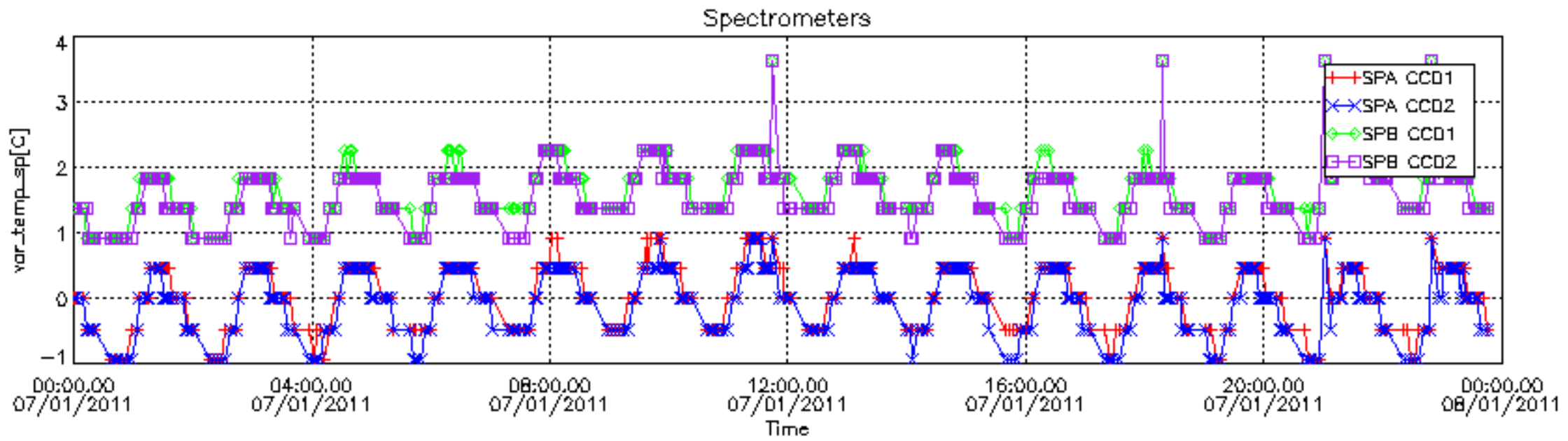
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	07-JAN-2011 00:00:25
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20101227_083101_20101226_000000_20500101_000000	1	07-JAN-2011 00:00:25
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	07-JAN-2011 00:00:25
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	07-JAN-2011 00:00:25
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	07-JAN-2011 00:00:25
ECMWF_FILE	AUX_ECF_AXNECM20110106_054113_20110106_210000_20110107_090000	1	07-JAN-2011 00:00:25
ECMWF_FILE	AUX_ECF_AXNECM20110106_172114_20110107_030000_20110107_150000	60	07-JAN-2011 03:57:54
ECMWF_FILE	AUX_ECA_AXNECM20110107_052114_20110106_210000_20110107_090000	86	07-JAN-2011 05:38:08
ECMWF_FILE	AUX_ECF_AXNECM20110106_172114_20110107_030000_20110107_150000	133	07-JAN-2011 08:31:13
ECMWF_FILE	AUX_ECF_AXNECM20110107_052114_20110107_090000_20110107_210000	159	07-JAN-2011 10:11:27
ECMWF_FILE	AUX_ECF_AXNECM20110107_054113_20110107_150000_20110108_030000	233	07-JAN-2011 15:01:05
ECMWF_FILE	AUX_ECA_AXNECM20110107_172114_20110107_090000_20110107_210000	283	07-JAN-2011 18:17:03
ECMWF_FILE	AUX_ECF_AXNECM20110107_054113_20110107_150000_20110108_030000	308	07-JAN-2011 19:55:07
ECMWF_FILE	AUX_ECF_AXNECM20110107_054113_20110107_210000_20110108_090000	324	07-JAN-2011 21:00:53
OPTIONAL_ECMWF_FILE	MISSING	1	07-JAN-2011 00:00:25
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110106_232234_000057383098_00159_46294_2279.N1	1	07-JAN-2011 00:00:25
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110107_010331_000098823098_00160_46295_2280.N1	15	07-JAN-2011 01:06:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110107_035332_000057383098_00162_46297_2281.N1	60	07-JAN-2011 03:57:54
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110107_053429_000057383098_00163_46298_2282.N1	86	07-JAN-2011 05:38:08
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110107_071526_000035073098_00164_46299_3474.N1	113	07-JAN-2011 07:22:25

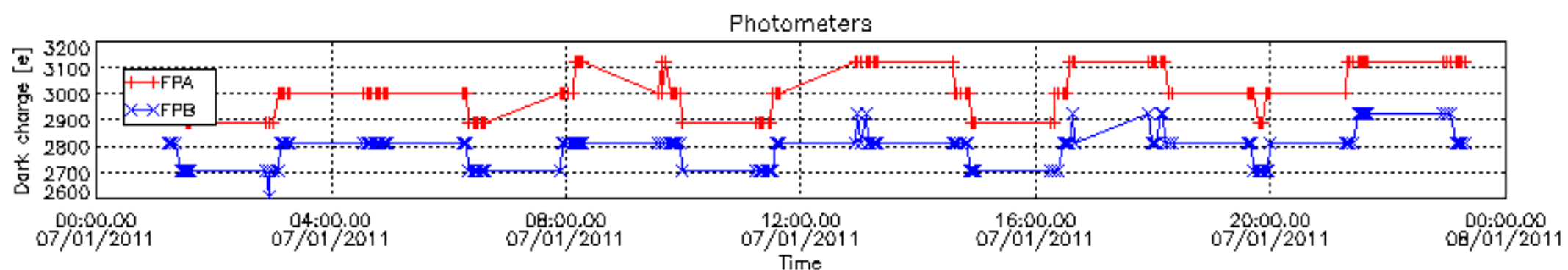
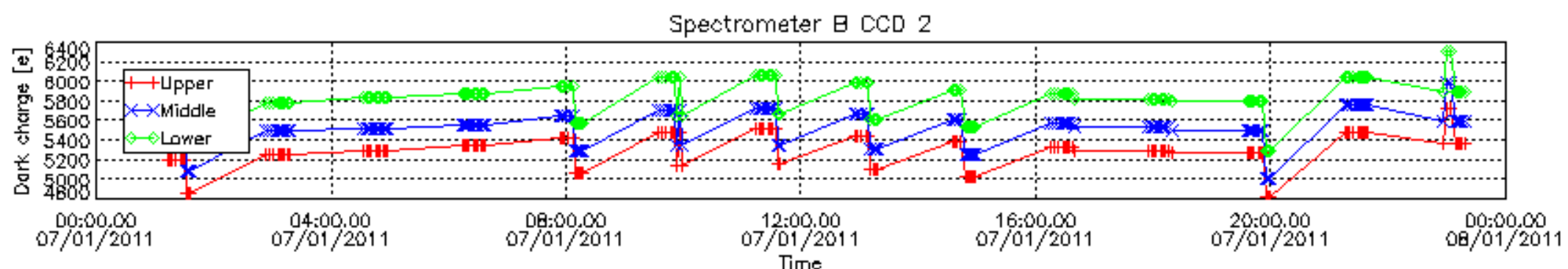
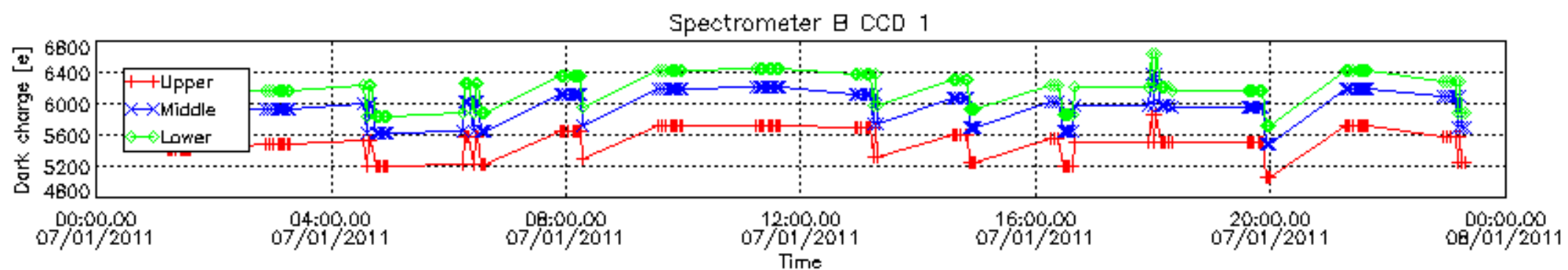
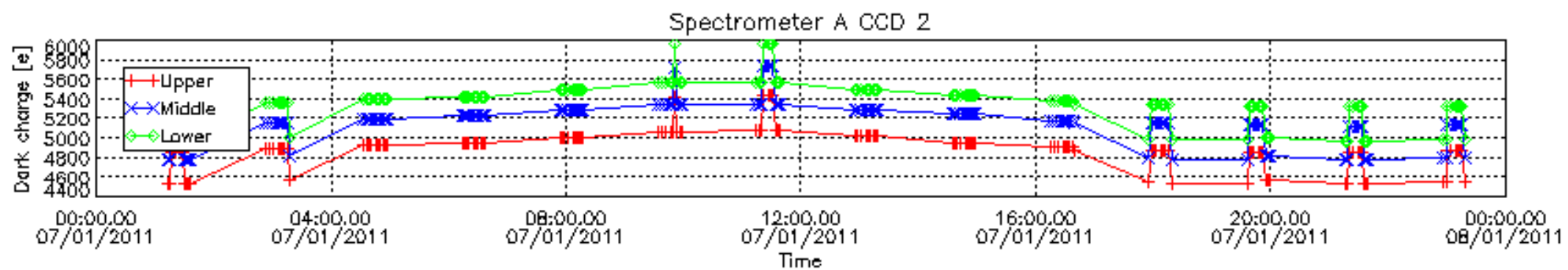
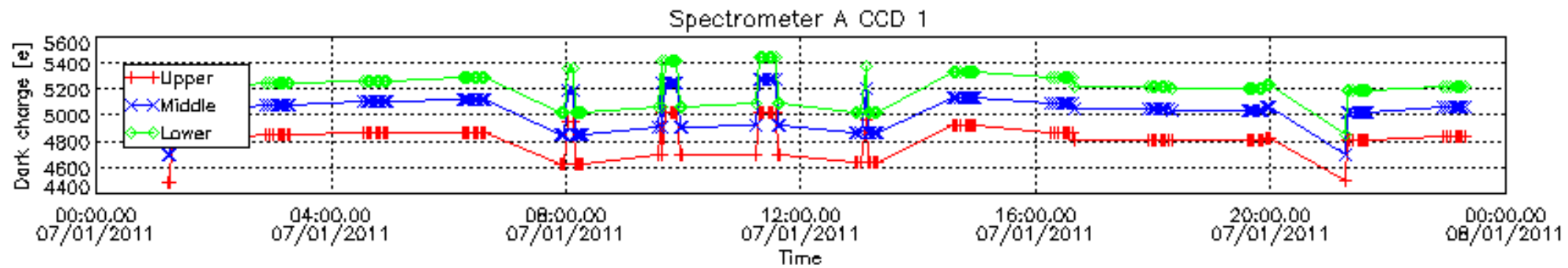


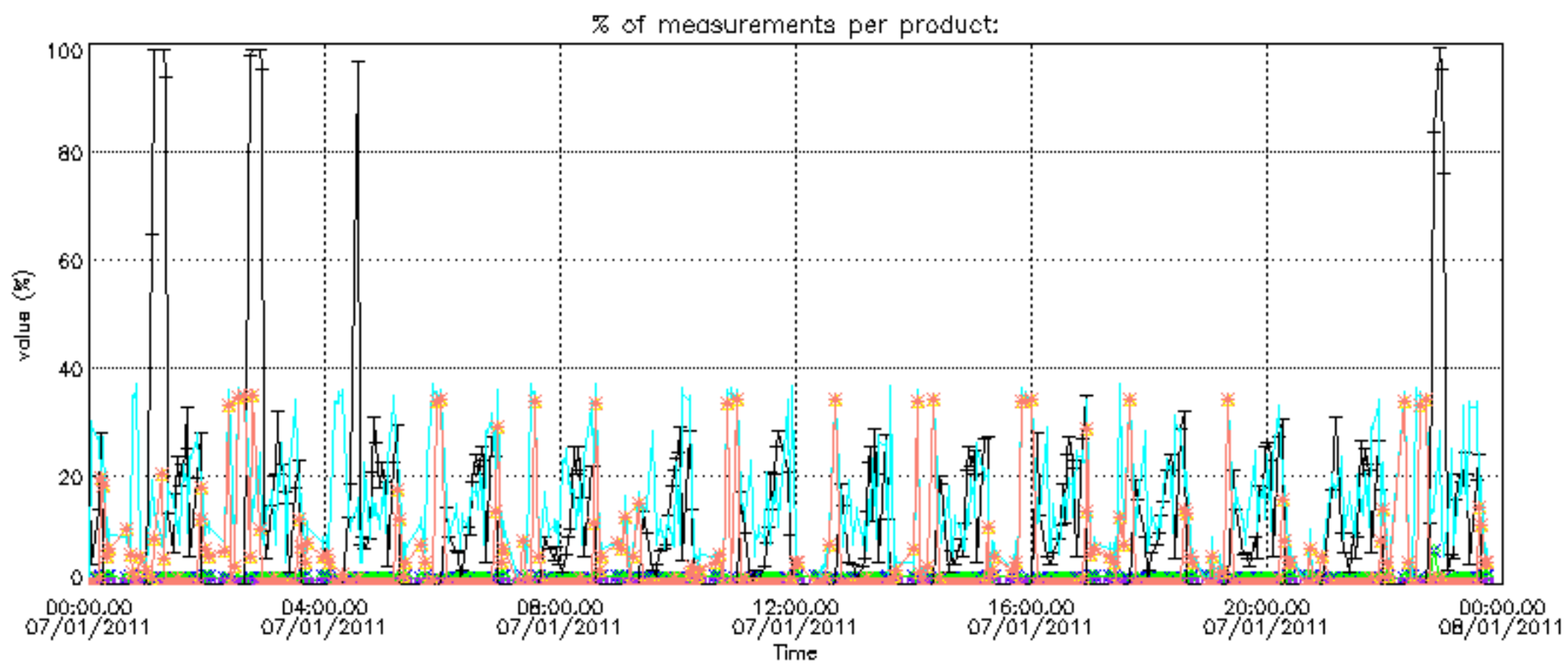
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110107_082430_000057383098_00165_46300_3475.N1	133	07-JAN-2011 08:31:13
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110107_100009_000057383098_00166_46301_3476.N1	159	07-JAN-2011 10:11:27
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110107_114106_000057383098_00167_46302_3477.N1	184	07-JAN-2011 11:44:24
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110107_132203_000054193098_00168_46303_3478.N1	209	07-JAN-2011 13:24:38
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110107_145741_000057383098_00169_46304_3479.N1	233	07-JAN-2011 15:01:05
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110107_163319_000057383098_00170_46305_3480.N1	258	07-JAN-2011 16:38:40
ORBIT_DATA_FILE	DOR_NAV_OPNPDK20110107_181416_000057383098_00171_46306_3481.N1	283	07-JAN-2011 18:17:03
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110107_194954_000038253098_00172_46307_2283.N1	308	07-JAN-2011 19:55:07
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110107_205859_000060573098_00172_46307_2284.N1	324	07-JAN-2011 21:00:53
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20110107_224514_000057383098_00173_46308_2285.N1	352	07-JAN-2011 22:49:23



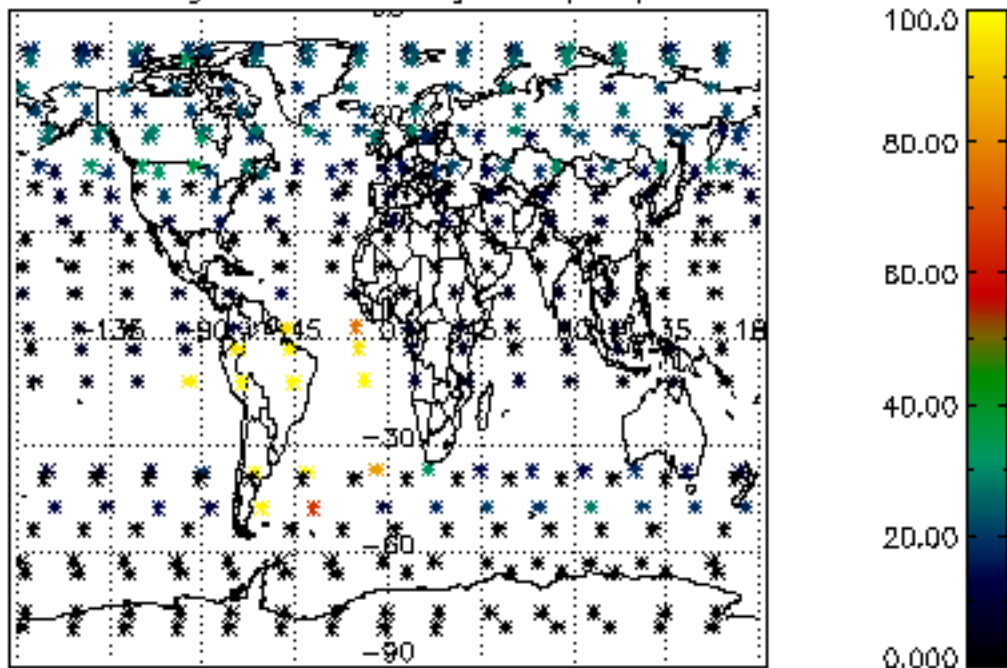




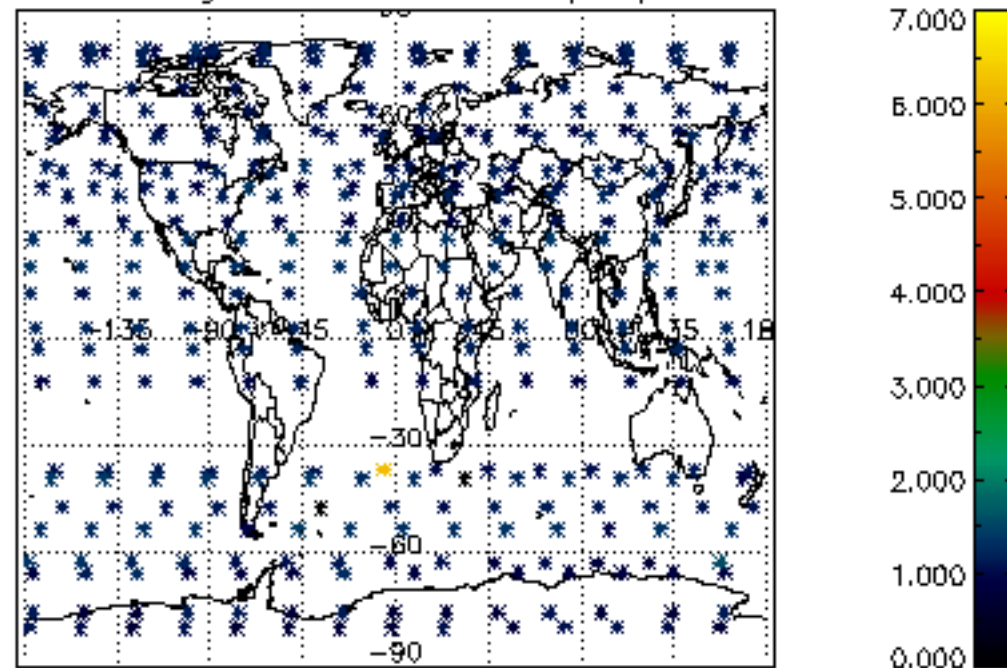




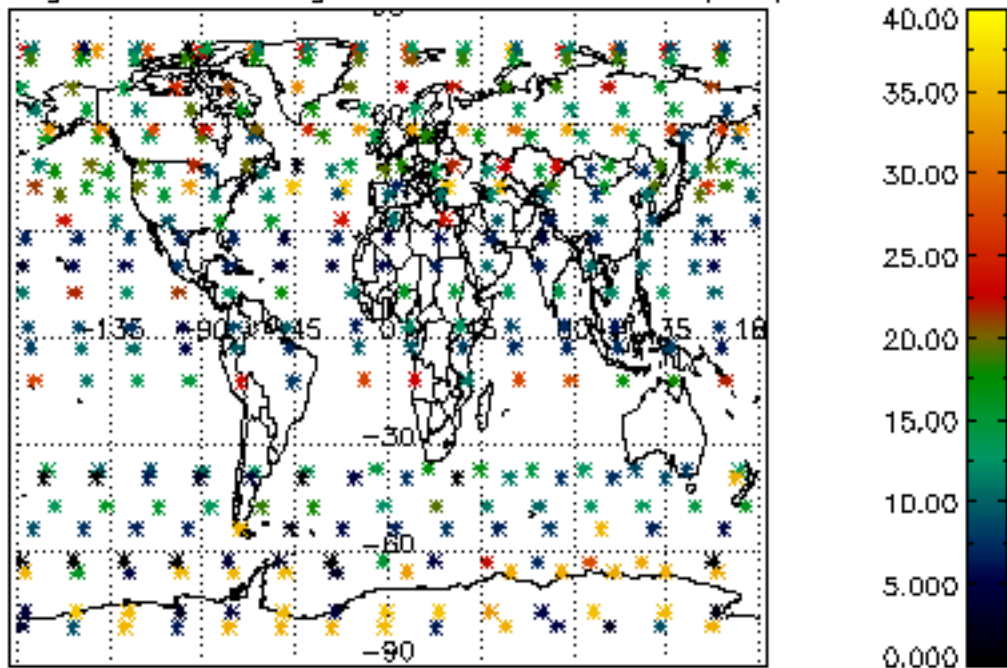
Percentage of cosmic ray hits per profile



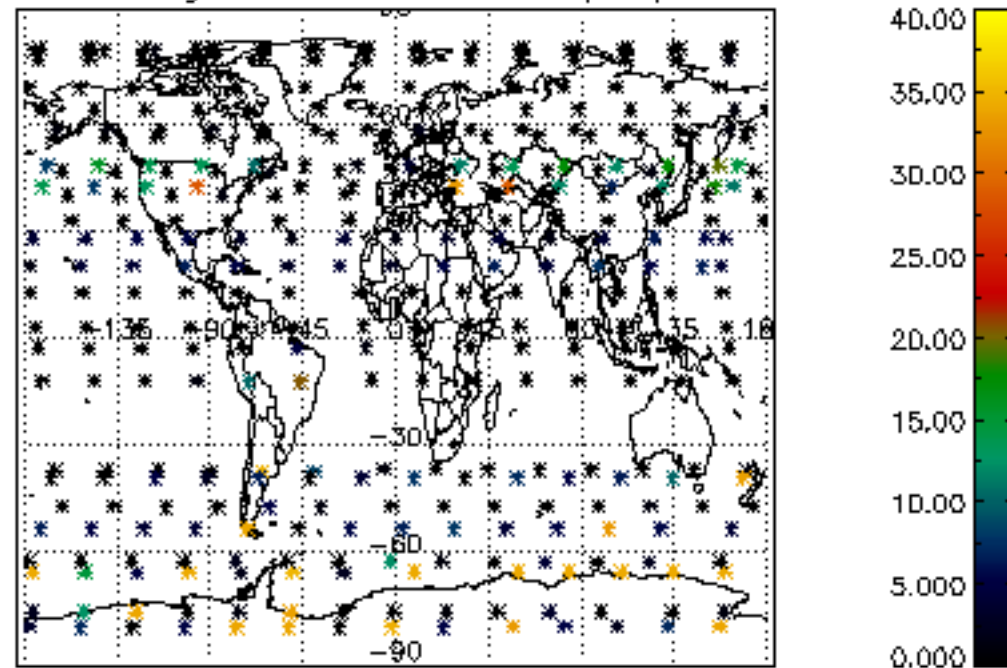
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

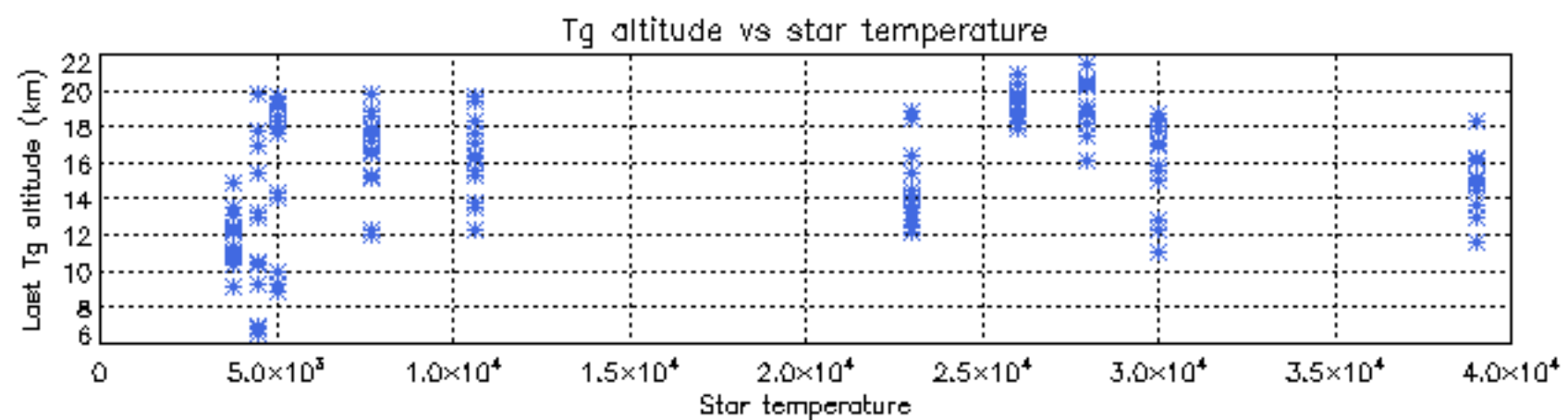
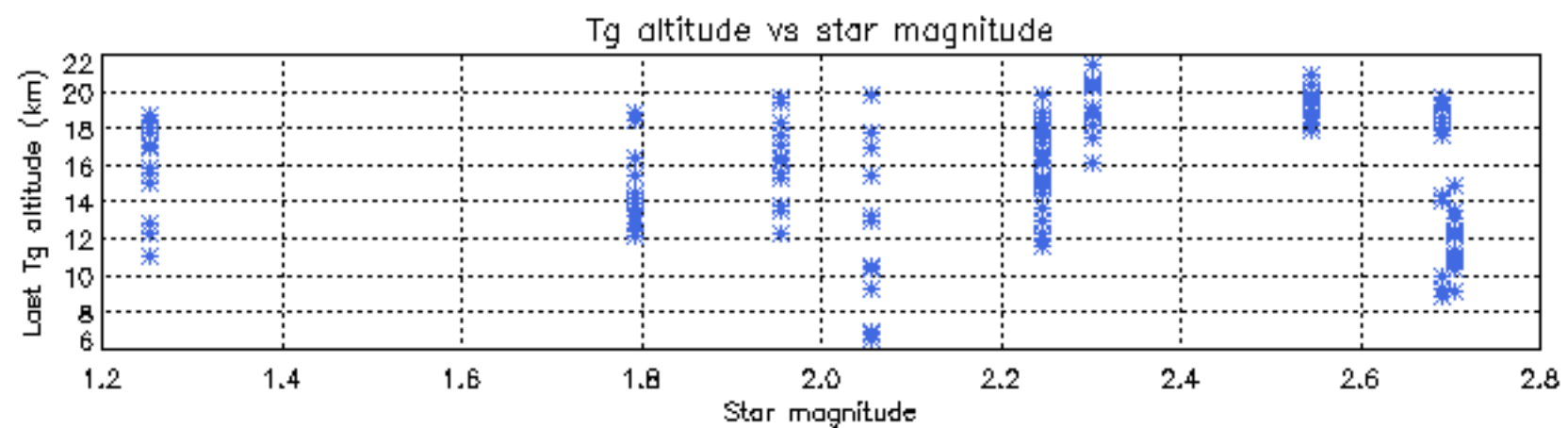
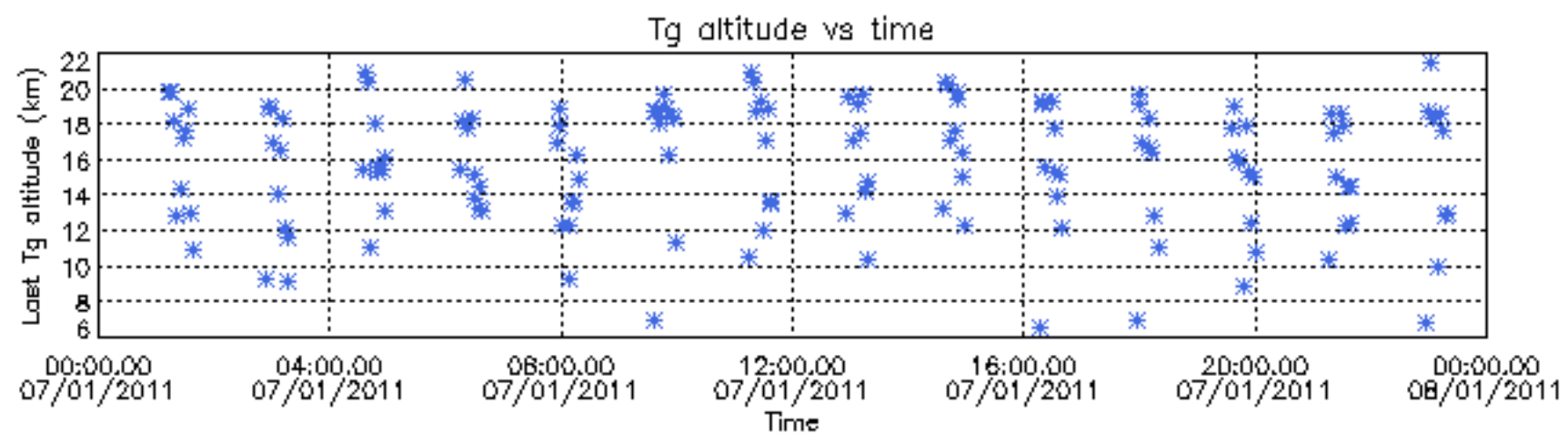


Percentage of saturation errors per profile

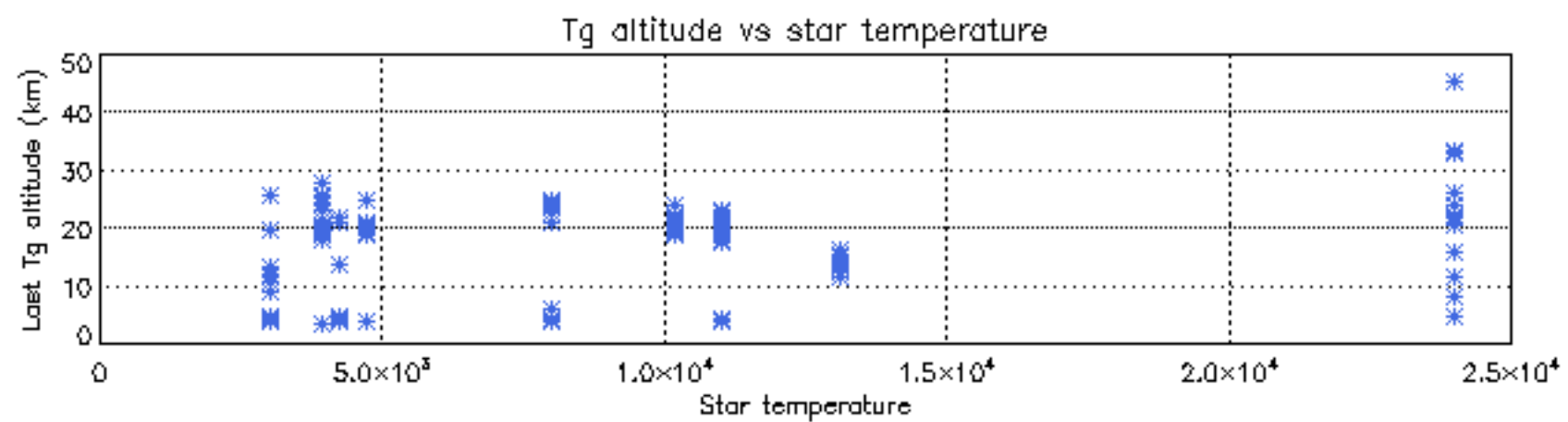
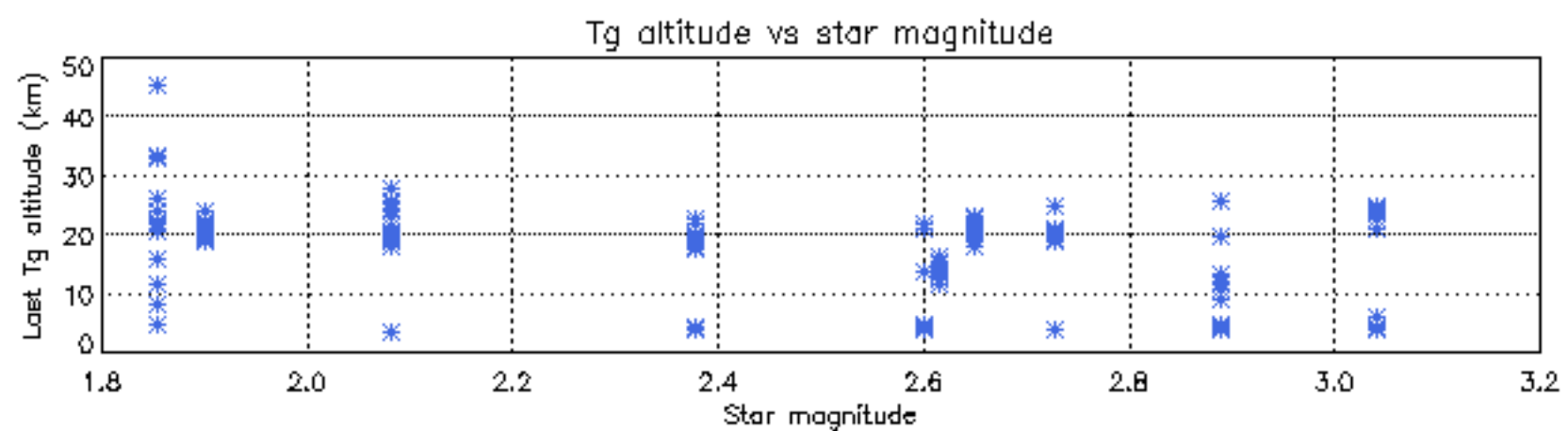
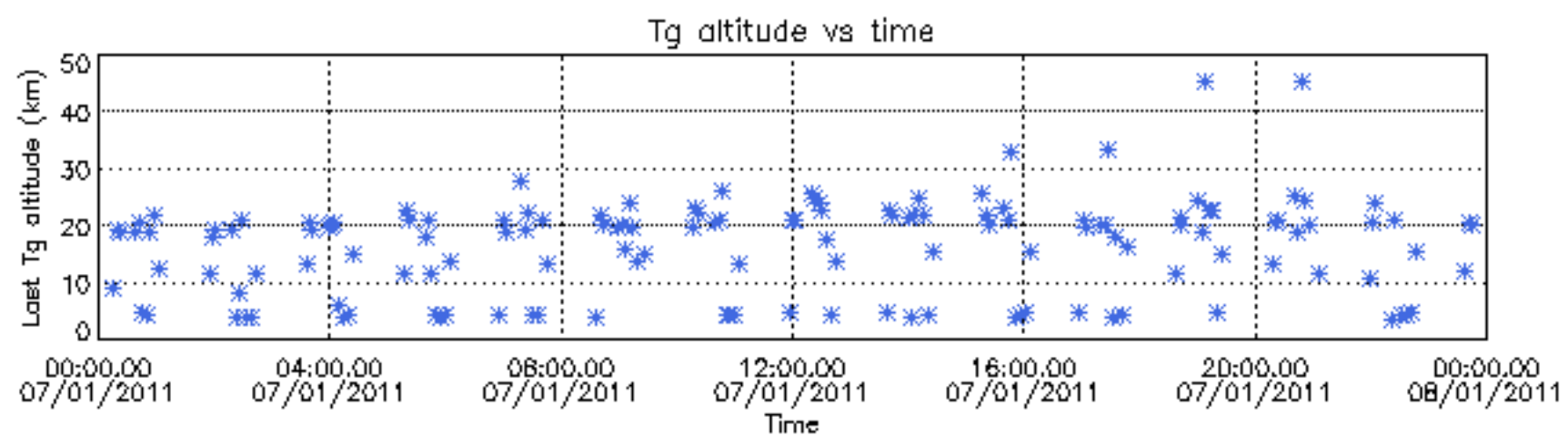


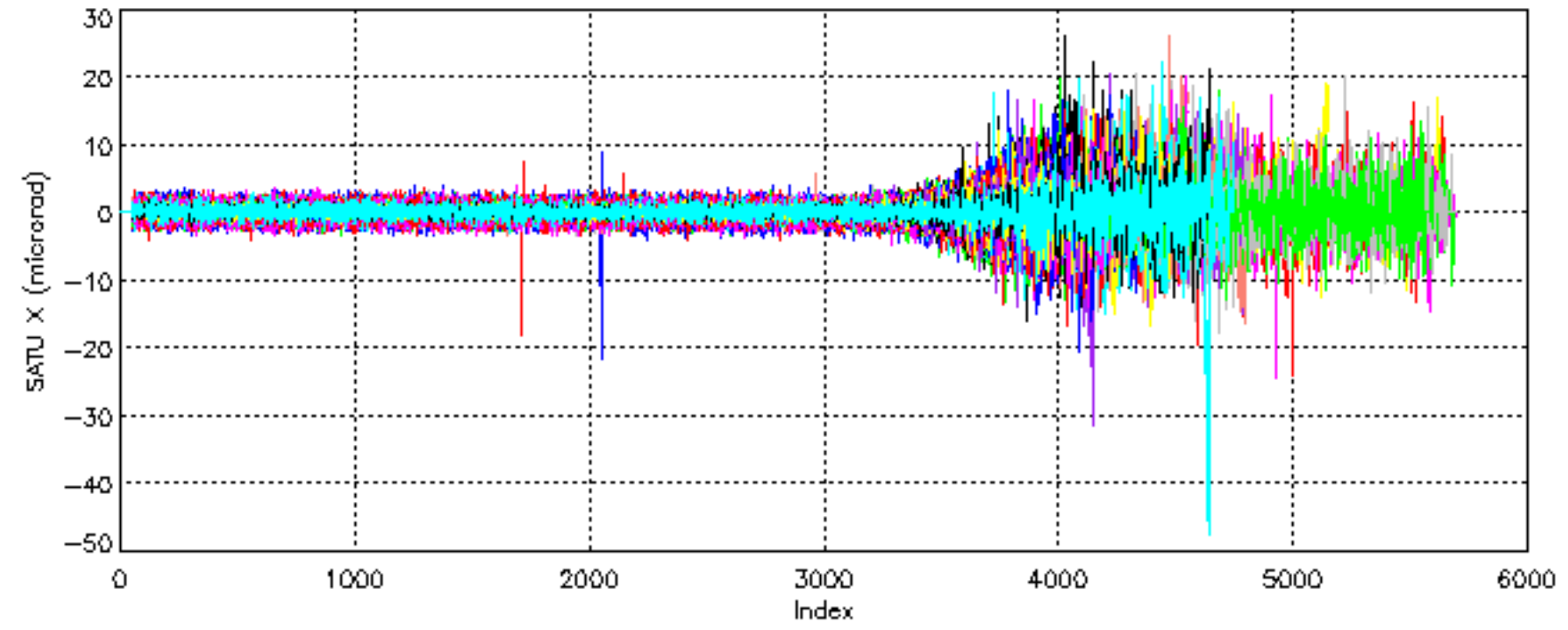


Tangent altitude at which the star is lost

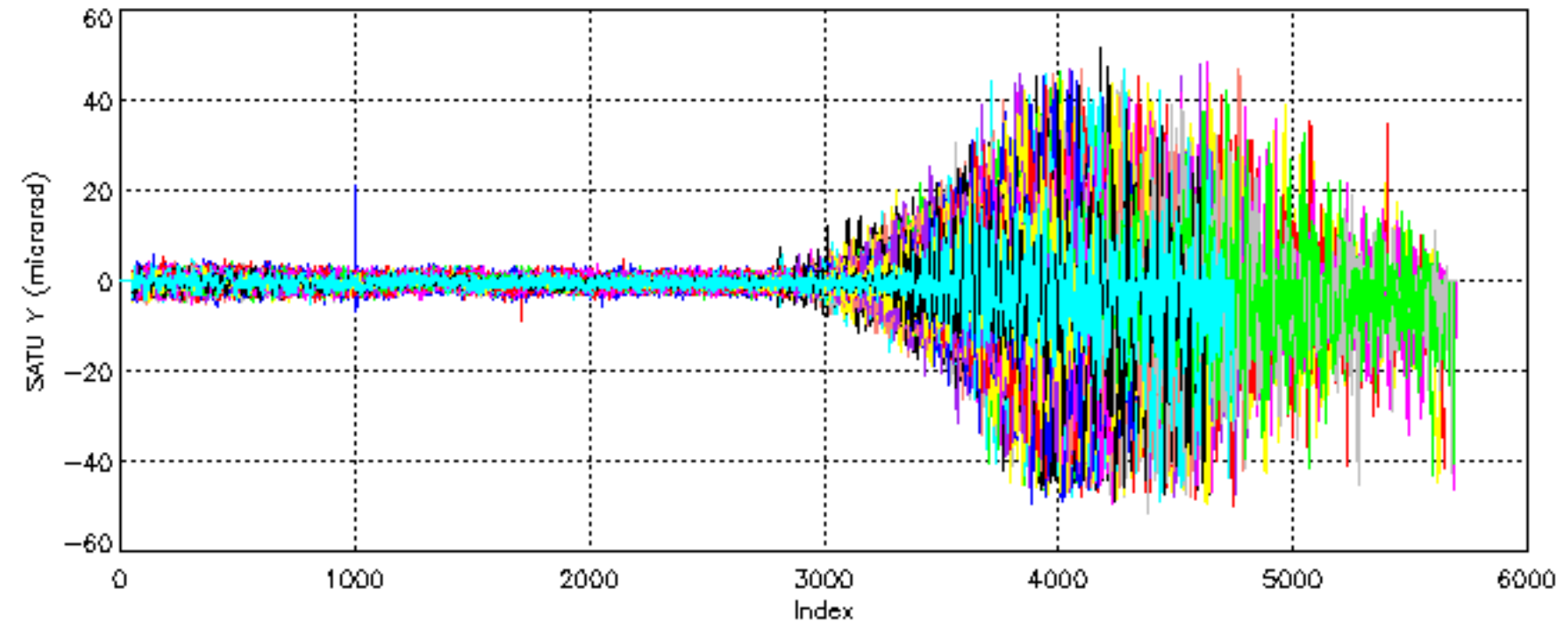


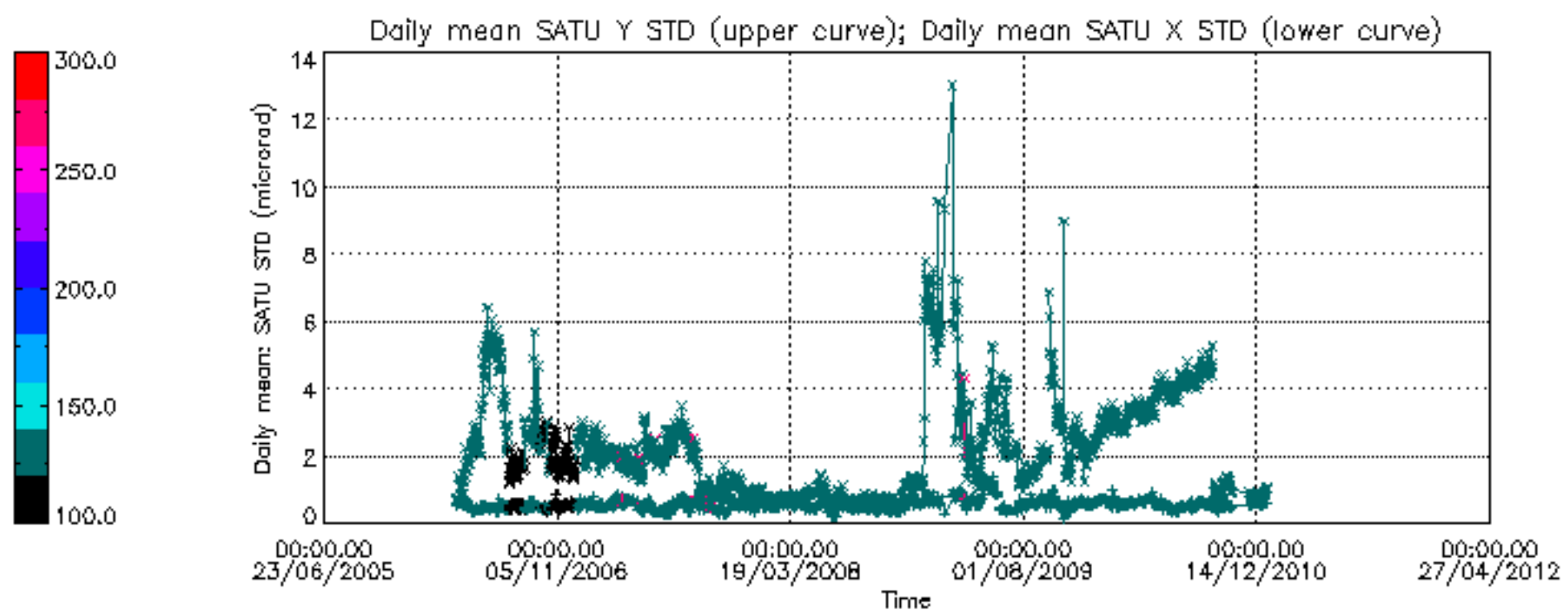
Tangent altitude at which the star is lost











/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20110101\_012508\_000094163098\_00074\_46209\_2000.N1

1;	-684.4;	01-JAN-2011	01:25:08;	Dark	;	45.0;	122;	9Alp2Lib	;	2.75;	9700;	occ;	90;	0;	46209
2;	-272.2;	01-JAN-2011	01:32:00;	Dark	;	43.0;	54;	5The Cen	;	2.06;	4500;	occ;	86;	0;	46209
3;	-3.0;	01-JAN-2011	01:36:29;	Dark	;	40.5;	77;	Eps Cen	;	2.30;	28000;	occ;	81;	0;	46210
4;	102.2;	01-JAN-2011	01:38:14;	Dark	;	45.0;	64;	Gam Cen	;	2.20;	10600;	occ;	90;	0;	46210
5;	211.5;	01-JAN-2011	01:40:04;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46210
6;	470.5;	01-JAN-2011	01:44:23;	Dark	;	48.0;	113;	Mu Vel	;	2.69;	5000;	occ;	96;	0;	46210
7;	623.9;	01-JAN-2011	01:46:56;	Dark	;	48.5;	71;	Iot Car	;	2.25;	7700;	occ;	97;	0;	46210
8;	738.0;	01-JAN-2011	01:48:50;	Dark	;	42.5;	46;	Del Vel	;	1.95;	10600;	occ;	85;	0;	46210
9;	908.3;	01-JAN-2011	01:51:41;	Dark	;	48.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	97;	0;	46210
10;	1039.2;	01-JAN-2011	01:53:52;	Dark	;	49.5;	70;	Zet Pup	;	2.25;	39000;	occ;	99;	0;	46210
11;	1163.5;	01-JAN-2011	01:55:56;	Dark	;	49.0;	117;	Pi Pup	;	2.71;	3800;	occ;	98;	0;	46210
12;	1330.9;	01-JAN-2011	01:58:43;	Dark	;	47.0;	23;	21Eps CMa	;	1.50;	26000;	occ;	94;	0;	46210
13;	1423.0;	01-JAN-2011	02:00:15;	Dark	;	45.0;	179;	240mi2CMa	;	3.03;	24000;	occ;	90;	0;	46210
14;	1570.3;	01-JAN-2011	02:02:43;	Dark	;	53.0;	1;	9Alp CMa	;	-1.44;	11000;	occ;	106;	0;	46210
15;	1719.7;	01-JAN-2011	02:05:12;	Dark	;	42.5;	56;	53Kap Ori	;	2.07;	30000;	occ;	85;	0;	46210
16;	1869.3;	01-JAN-2011	02:07:42;	Dark	;	45.5;	30;	46Eps Ori	;	1.69;	30000;	occ;	91;	0;	46210
17;	2019.8;	01-JAN-2011	02:10:12;	Dark	;	55.0;	14;	58Alp Ori	;	0.87;	3000;	occ;	110;	0;	46210
18;	2214.1;	01-JAN-2011	02:13:26;	Dark	;	48.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	97;	0;	46210
19;	2312.3;	01-JAN-2011	02:15:05;	Bright;	;	48.0;	151;	13Mu Gem	;	2.89;	3000;	occ;	96;	0;	46210
20;	2551.7;	01-JAN-2011	02:19:04;	Bright;	;	39.0;	107;	37The Aur	;	2.65;	11000;	occ;	78;	0;	46210
21;	2677.4;	01-JAN-2011	02:21:10;	Bright;	;	40.5;	6;	13Alp Aur	;	0.08;	3400;	occ;	81;	0;	46210
22;	3671.8;	01-JAN-2011	02:37:44;	Bright;	;	55.0;	60;	7Bet UMi	;	2.08;	3950;	occ;	110;	0;	46210
23;	3889.5;	01-JAN-2011	02:41:22;	Bright;	;	48.0;	32;	77Eps UMa	;	1.76;	11000;	occ;	96;	0;	46210
24;	4086.7;	01-JAN-2011	02:44:39;	Bright;	;	66.0;	39;	85Eta UMa	;	1.85;	24000;	occ;	132;	0;	46210
25;	4331.1;	01-JAN-2011	02:48:43;	Bright;	;	40.0;	180;	27Gam Boo	;	3.04;	8000;	occ;	80;	0;	46210
26;	4552.2;	01-JAN-2011	02:52:24;	Bright;	;	62.0;	83;		;	2.38;	11000;	occ;	124;	0;	46210
27;	4747.8;	01-JAN-2011	02:55:40;	Bright;	;	54.0;	3;	16Alp Boo	;	-0.05;	4250;	occ;	108;	0;	46210
28;	4868.3;	01-JAN-2011	02:57:41;	Bright;	;	54.0;	102;	24Alp Ser	;	2.60;	4250;	occ;	108;	0;	46210
29;	5171.3;	01-JAN-2011	03:02:44;	Bright;	;	56.0;	104;	27Bet Lib	;	2.61;	13100;	occ;	112;	0;	46210
30;	5330.2;	01-JAN-2011	03:05:23;	Dark	;	44.5;	122;	9Alp2Lib	;	2.75;	9700;	occ;	89;	0;	46210
31;	5742.5;	01-JAN-2011	03:12:15;	Dark	;	49.0;	54;	5The Cen	;	2.06;	4500;	occ;	98;	0;	46210
32;	5907.7;	01-JAN-2011	03:15:00;	Dark	;	40.0;	95;	Zet Cen	;	2.55;	26000;	occ;	80;	0;	46210
33;	6011.7;	01-JAN-2011	03:16:44;	Dark	;	39.5;	77;	Eps Cen	;	2.30;	28000;	occ;	79;	0;	46211
34;	6117.0;	01-JAN-2011	03:18:29;	Dark	;	45.0;	64;	Gam Cen	;	2.20;	10600;	occ;	90;	0;	46211
35;	6226.4;	01-JAN-2011	03:20:19;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	46211
36;	6485.7;	01-JAN-2011	03:24:38;	Dark	;	49.0;	113;	Mu Vel	;	2.69;	5000;	occ;	98;	0;	46211
37;	6638.6;	01-JAN-2011	03:27:11;	Dark	;	42.5;	71;	Iot Car	;	2.25;	7700;	occ;	85;	0;	46211
38;	6752.6;	01-JAN-2011	03:29:05;	Dark	;	45.0;	46;	Del Vel	;	1.95;	10600;	occ;	90;	0;	46211
39;	6923.2;	01-JAN-2011	03:31:56;	Dark	;	46.5;	34;	Gam2Vel	;	1.79;	23000;	occ;	93;	0;	46211
40;	7054.0;	01-JAN-2011	03:34:06;	Dark	;	45.5;	70;	Zet Pup	;	2.25;	39000;	occ;	91;	0;	46211
41;	7178.0;	01-JAN-2011	03:36:10;	Dark	;	47.0;	117;	Pi Pup	;	2.71;	3800;	occ;	94;	0;	46211
42;	7345.3;	01-JAN-2011	03:38:58;	Dark	;	46.0;	23;	21Eps CMa	;	1.50;	26000;	occ;	92;	0;	46211
43;	7437.3;	01-JAN-2011	03:40:30;	Dark	;	46.0;	179;	240mi2CMa	;	3.03;	24000;	occ;	92;	0;	46211
44;	7584.6;	01-JAN-2011	03:42:57;	Dark	;	53.0;	1;	9Alp CMa	;	-1.44;	11000;	occ;	106;	0;	46211
45;	7733.8;	01-JAN-2011	03:45:26;	Dark	;	44.0;	56;	53Kap Ori	;	2.07;	30000;	occ;	88;	0;	46211
46;	7883.6;	01-JAN-2011	03:47:56;	Dark	;	44.5;	30;	46Eps Ori	;	1.69;	30000;	occ;	89;	0;	46211
47;	8034.0;	01-JAN-2011	03:50:26;	Dark	;	55.0;	14;	58Alp Ori	;	0.87;	3000;	occ;	110;	0;	46211
48;	8228.0;	01-JAN-2011	03:53:40;	Dark	;	44.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	89;	0;	46211
49;	8326.2;	01-JAN-2011	03:55:18;	Bright;	;	43.5;	151;	13Mu Gem	;	2.89;	3000;	occ;	87;	0;	46211
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23; 6640.2; 01-JAN-2011 08:27:55; Dark ; 46.5; 71; Iot Car ; 2.25; 7700;occ; 93; 0;46214
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16; 633.2; 02-JAN-2011 06:11:04; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;46227
17; 747.1; 02-JAN-2011 06:12:58; Dark ; 46.5; 46; Del Vel ; 1.95; 10600;occ; 93; 0;46227
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14; 1172.8; 02-JAN-2011 21:22:10; Dark ; 52.5; 117; Pi Pup ; 2.71; 3800;occ; 105; 0;46236
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16; 1428.8; 02-JAN-2011 21:26:26; Dark ; 45.0; 179; 240mi2CMA ; 3.03; 24000;occ; 90; 0;46236
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18; 2018.8; 02-JAN-2011 21:36:16; Dark ; 54.5; 14; 58Alp Ori ; 0.87; 3000;occ; 109; 0;46236
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22; 2675.5; 02-JAN-2011 21:47:13; Bright; 40.5; 6; 13Alp Aur ; 0.08; 3400;occ; 81; 0;46236
23; 3668.9; 02-JAN-2011 22:03:46; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;46236
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26; 4331.5; 02-JAN-2011 22:14:49; Bright; 64.0; 180; 27Gam Boo ; 3.04; 8000;occ; 128; 0;46236
27; 4557.6; 02-JAN-2011 22:18:35; Bright; 64.0; 83; ; 2.38; 11000;occ; 128; 0;46236
28; 4759.2; 02-JAN-2011 22:21:56; Bright; 56.0; 3; 16Alp Boo ; -0.05; 4250;occ; 112; 0;46236
29; 4876.2; 02-JAN-2011 22:23:53; Bright; 36.5; 102; 24Alp Ser ; 2.60; 4250;occ; 73; 0;46236
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4; -90.2; 02-JAN-2011 22:41:21; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;46236
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6; 124.2; 02-JAN-2011 22:44:55; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;46237
7; 236.5; 02-JAN-2011 22:46:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46237
8; 494.3; 02-JAN-2011 22:51:05; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;46237
9; 638.2; 02-JAN-2011 22:53:29; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;46237
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16; 1562.1; 02-JAN-2011 23:08:53; Dark ; 37.0; 47; 2Bet CMA ; 1.98; 28000;occ; 74; 0;46237
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19; 2304.7; 02-JAN-2011 23:21:16; Bright; 46.5; 151; 13Mu Gem ; 2.89; 3000;occ; 93; 0;46237
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23; 3877.8; 02-JAN-2011 23:47:29; Bright; 46.5; 32; 77Eps UMa ; 1.76; 11000;occ; 93; 0;46237
24; 4080.8; 02-JAN-2011 23:50:52; Bright; 68.0; 39; 85Eta UMa ; 1.85; 24000;occ; 136; 0;46237
25; 4331.8; 02-JAN-2011 23:55:03; Bright; 64.0; 180; 27Gam Boo ; 3.04; 8000;occ; 128; 0;46237
26; 4557.8; 02-JAN-2011 23:58:49; Bright; 64.0; 83; ; 2.38; 11000;occ; 128; 0;46237
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16; 633.7; 02-JAN-2011 07:51:18; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;46228
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 4; 2208.5; 02-JAN-2011 09:57:47; Dark ; 40.5; 44; 24Gam Gem ; 1.93; 11000;occ; 81; 0;46229  
 5; 2306.8; 02-JAN-2011 09:59:26; Bright; 47.0; 151; 13Mu Gem ; 2.89; 3000;occ; 94; 0;46229  
 6; 2547.3; 02-JAN-2011 10:03:26; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;46229  
 7; 2676.0; 02-JAN-2011 10:05:35; Bright; 42.5; 6; 13Alp Aur ; 0.08; 3400;occ; 85; 0;46229  
 8; 3669.8; 02-JAN-2011 10:22:09; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;46229  
 9; 3881.3; 02-JAN-2011 10:25:40; Bright; 45.5; 32; 77Eps UMa ; 1.76; 11000;occ; 91; 0;46229  
 10; 4082.5; 02-JAN-2011 10:29:01; Bright; 57.0; 39; 85Eta UMa ; 1.85; 24000;occ; 114; 0;46229  
 11; 4331.4; 02-JAN-2011 10:33:10; Bright; 41.5; 180; 27Gam Boo ; 3.04; 8000;occ; 83; 0;46229  
 12; 4556.2; 02-JAN-2011 10:36:55; Bright; 63.0; 83; ; 2.38; 11000;occ; 126; 0;46229  
 13; 4756.2; 02-JAN-2011 10:40:15; Bright; 55.0; 3; 16Alp Boo ; -0.05; 4250;occ; 110; 0;46229  
 14; 4874.2; 02-JAN-2011 10:42:13; Bright; 52.0; 102; 24Alp Ser ; 2.60; 4250;occ; 104; 0;46229  
 15; 5180.0; 02-JAN-2011 10:47:19; Bright; 57.0; 104; 27Bet Lib ; 2.61; 13100;occ; 114; 0;46229  
 16; 5341.5; 02-JAN-2011 10:50:00; Dark ; 47.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 94; 0;46229  
 17; 5756.4; 02-JAN-2011 10:56:55; Dark ; 49.0; 54; 5The Cen ; 2.06; 4500;occ; 98; 0;46229  
 18; 5919.5; 02-JAN-2011 10:59:38; Dark ; 41.5; 95; Zet Cen ; 2.55; 26000;occ; 83; 0;46229  
 19; 6022.6; 02-JAN-2011 11:01:21; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0;46230  
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 21; 6244.0; 02-JAN-2011 11:05:03; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46230  
 22; 6502.3; 02-JAN-2011 11:09:21; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;46230  
 23; 6648.5; 02-JAN-2011 11:11:47; Dark ; 48.5; 71; Iot Car ; 2.25; 7700;occ; 97; 0;46230  
 24; 6762.7; 02-JAN-2011 11:13:42; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;46230  
 25; 6932.7; 02-JAN-2011 11:16:32; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;46230  
 26; 7063.3; 02-JAN-2011 11:18:42; Dark ; 44.0; 70; Zet Pup ; 2.25; 39000;occ; 88; 0;46230  
 27; 7184.7; 02-JAN-2011 11:20:43; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;46230  
 28; 7350.3; 02-JAN-2011 11:23:29; Dark ; 48.0; 23; 21Eps CMA ; 1.50; 26000;occ; 96; 0;46230  
 29; 7441.3; 02-JAN-2011 11:25:00; Dark ; 44.5; 179; 240mi2CMA ; 3.03; 24000;occ; 89; 0;46230  
 30; 7586.9; 02-JAN-2011 11:27:26; Dark ; 58.5; 1; 9Alp CMA ; -1.44; 11000;occ; 117; 0;46230

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 3; 2208.1; 02-JAN-2011 11:38:01; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;46230  
 4; 2306.5; 02-JAN-2011 11:39:39; Bright; 59.0; 151; 13Mu Gem ; 2.89; 3000;occ; 118; 0;46230  
 5; 2546.8; 02-JAN-2011 11:43:40; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;46230  
 6; 2675.9; 02-JAN-2011 11:45:49; Bright; 41.0; 6; 13Alp Aur ; 0.08; 3400;occ; 82; 0;46230  
 7; 3669.7; 02-JAN-2011 12:02:22; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;46230  
 8; 3880.7; 02-JAN-2011 12:05:54; Bright; 70.0; 32; 77Eps UMa ; 1.76; 11000;occ; 140; 0;46230  
 9; 4082.3; 02-JAN-2011 12:09:15; Bright; 45.5; 39; 85Eta UMa ; 1.85; 24000;occ; 91; 0;46230  
 10; 4331.6; 02-JAN-2011 12:13:24; Bright; 64.0; 180; 27Gam Boo ; 3.04; 8000;occ; 128; 0;46230  
 11; 4556.3; 02-JAN-2011 12:17:09; Bright; 44.5; 83; ; 2.38; 11000;occ; 89; 0;46230  
 12; 4756.6; 02-JAN-2011 12:20:29; Bright; 56.0; 3; 16Alp Boo ; -0.05; 4250;occ; 112; 0;46230  
 13; 4874.4; 02-JAN-2011 12:22:27; Bright; 47.0; 102; 24Alp Ser ; 2.60; 4250;occ; 94; 0;46230  
 14; 5180.6; 02-JAN-2011 12:27:33; Bright; 57.0; 104; 27Bet Lib ; 2.61; 13100;occ; 114; 0;46230  
 15; 5342.4; 02-JAN-2011 12:30:15; Dark ; 44.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 88; 0;46230  
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 17; 5920.1; 02-JAN-2011 12:39:53; Dark ; 39.5; 95; Zet Cen ; 2.55; 26000;occ; 79; 0;46230  
 18; 6023.3; 02-JAN-2011 12:41:36; Dark ; 42.0; 77; Eps Cen ; 2.30; 28000;occ; 84; 0;46231  
 19; 6133.3; 02-JAN-2011 12:43:26; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;46231



20; 6244.9; 02-JAN-2011 12:45:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46231  
 21; 6503.2; 02-JAN-2011 12:49:36; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;46231  
 22; 6649.2; 02-JAN-2011 12:52:02; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;46231  
 23; 6763.2; 02-JAN-2011 12:53:56; Dark ; 49.5; 46; Del Vel ; 1.95; 10600;occ; 99; 0;46231  
 24; 6933.1; 02-JAN-2011 12:56:46; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;46231  
 25; 7064.0; 02-JAN-2011 12:58:57; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;46231  
 26; 7185.1; 02-JAN-2011 13:00:58; Dark ; 47.5; 117; Pi Pup ; 2.71; 3800;occ; 95; 0;46231  
 27; 7350.5; 02-JAN-2011 13:03:43; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;46231  
 28; 7441.6; 02-JAN-2011 13:05:14; Dark ; 45.0; 179; 240mi2CMA ; 3.03; 24000;occ; 90; 0;46231  
 29; 7587.1; 02-JAN-2011 13:07:40; Dark ; 11.0; 1; 9Alp CMA ; -1.44; 11000;occ; 22; 0;46231

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20110102\_130740\_000058243098\_00096\_46231\_3072.N1

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 3; 2019.0; 02-JAN-2011 13:15:06; Dark ; 52.0; 14; 58Alp Ori ; 0.87; 3000;occ; 104; 0;46231  
 4; 2207.9; 02-JAN-2011 13:18:15; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;46231  
 5; 2306.2; 02-JAN-2011 13:19:53; Bright; 49.0; 151; 13Mu Gem ; 2.89; 3000;occ; 98; 0;46231  
 6; 2546.8; 02-JAN-2011 13:23:54; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;46231  
 7; 2675.9; 02-JAN-2011 13:26:03; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;46231  
 8; 3669.7; 02-JAN-2011 13:42:36; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;46231  
 9; 3880.5; 02-JAN-2011 13:46:07; Bright; 50.0; 32; 77Eps UMa ; 1.76; 11000;occ; 100; 0;46231  
 10; 4082.3; 02-JAN-2011 13:49:29; Bright; 45.0; 39; 85Eta UMa ; 1.85; 24000;occ; 90; 0;46231  
 11; 4331.6; 02-JAN-2011 13:53:38; Bright; 62.5; 180; 27Gam Boo ; 3.04; 8000;occ; 125; 0;46231  
 12; 4556.6; 02-JAN-2011 13:57:23; Bright; 45.0; 83; ; 2.38; 11000;occ; 90; 0;46231  
 13; 4757.0; 02-JAN-2011 14:00:44; Bright; 55.0; 3; 16Alp Boo ; -0.05; 4250;occ; 110; 0;46231  
 14; 4874.8; 02-JAN-2011 14:02:42; Bright; 37.5; 102; 24Alp Ser ; 2.60; 4250;occ; 75; 0;46231  
 15; 5181.1; 02-JAN-2011 14:07:48; Bright; 57.0; 104; 27Bet Lib ; 2.61; 13100;occ; 114; 0;46231  
 16; 5343.0; 02-JAN-2011 14:10:30; Dark ; 48.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 96; 0;46231  
 17; 5757.9; 02-JAN-2011 14:17:25; Dark ; 45.0; 54; 5The Cen ; 2.06; 4500;occ; 90; 0;46231  
 18; 5920.8; 02-JAN-2011 14:20:08; Dark ; 40.5; 95; Zet Cen ; 2.55; 26000;occ; 81; 0;46231  
 19; 6023.8; 02-JAN-2011 14:21:51; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0;46232  
 20; 6134.2; 02-JAN-2011 14:23:41; Dark ; 45.0; 64; Gam Cen ; 2.20; 10600;occ; 90; 0;46232  
 21; 6245.9; 02-JAN-2011 14:25:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46232  
 22; 6504.0; 02-JAN-2011 14:29:51; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;46232  
 23; 6649.7; 02-JAN-2011 14:32:16; Dark ; 44.5; 71; Iot Car ; 2.25; 7700;occ; 89; 0;46232  
 24; 6763.8; 02-JAN-2011 14:34:11; Dark ; 41.0; 46; Del Vel ; 1.95; 10600;occ; 82; 0;46232  
 25; 6933.7; 02-JAN-2011 14:37:00; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;46232  
 26; 7064.5; 02-JAN-2011 14:39:11; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;46232  
 27; 7185.5; 02-JAN-2011 14:41:12; Dark ; 48.5; 117; Pi Pup ; 2.71; 3800;occ; 97; 0;46232  
 28; 7350.9; 02-JAN-2011 14:43:58; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;46232

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20110102\_144433\_000058623098\_00097\_46232\_3073.N1

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 2; 1427.8; 02-JAN-2011 14:45:29; Dark ; 45.5; 179; 240mi2CMA ; 3.03; 24000;occ; 91; 0;46232  
 3; 1573.2; 02-JAN-2011 14:47:54; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;46232  
 4; 2019.0; 02-JAN-2011 14:55:20; Dark ; 51.0; 14; 58Alp Ori ; 0.87; 3000;occ; 102; 0;46232  
 5; 2207.3; 02-JAN-2011 14:58:28; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;46232  
 6; 2306.1; 02-JAN-2011 15:00:07; Bright; 44.5; 151; 13Mu Gem ; 2.89; 3000;occ; 89; 0;46232  
 7; 2546.5; 02-JAN-2011 15:04:07; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;46232  
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 9; 3669.6; 02-JAN-2011 15:22:50; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46232  
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 11; 4082.0; 02-JAN-2011 15:29:43; Bright; 45.0; 39; 85Eta UMa ; 1.85; 24000;occ; 90; 0;46232  
 12; 4331.7; 02-JAN-2011 15:33:53; Bright; 41.0; 180; 27Gam Boo ; 3.04; 8000;occ; 82; 0;46232  
 13; 4556.9; 02-JAN-2011 15:37:38; Bright; 44.5; 83; ; 2.38; 11000;occ; 89; 0;46232  
 14; 4757.7; 02-JAN-2011 15:40:58; Bright; 55.5; 3; 16Alp Boo ; -0.05; 4250;occ; 111; 0;46232  
 15; 4875.1; 02-JAN-2011 15:42:56; Bright; 50.5; 102; 24Alp Ser ; 2.60; 4250;occ; 101; 0;46232  
 16; 5181.6; 02-JAN-2011 15:48:02; Bright; 57.0; 104; 27Bet Lib ; 2.61; 13100;occ; 114; 0;46232  
 17; 5343.8; 02-JAN-2011 15:50:45; Dark ; 45.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 90; 0;46232  
 18; 5758.7; 02-JAN-2011 15:57:39; Dark ; 44.5; 54; 5The Cen ; 2.06; 4500;occ; 89; 0;46232  
 19; 5921.5; 02-JAN-2011 16:00:22; Dark ; 39.5; 95; Zet Cen ; 2.55; 26000;occ; 79; 0;46232  
 20; 6024.6; 02-JAN-2011 16:02:05; Dark ; 40.0; 77; Eps Cen ; 2.30; 28000;occ; 80; 0;46233  
 21; 6135.0; 02-JAN-2011 16:03:56; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;46233  
 22; 6246.9; 02-JAN-2011 16:05:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46233  
 23; 6505.0; 02-JAN-2011 16:10:06; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;46233  
 24; 6650.3; 02-JAN-2011 16:12:31; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46233  
 25; 6764.5; 02-JAN-2011 16:14:25; Dark ; 48.5; 46; Del Vel ; 1.95; 10600;occ; 97; 0;46233  
 26; 6934.3; 02-JAN-2011 16:17:15; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;46233  
 27; 7065.1; 02-JAN-2011 16:19:26; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;46233  
 28; 7185.9; 02-JAN-2011 16:21:27; Dark ; 48.5; 117; Pi Pup ; 2.71; 3800;occ; 97; 0;46233



/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20110103\_001158\_000058843098\_00102\_46237\_2012.N1

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 5; 125.0; 03-JAN-2011 00:25:10; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;46238  
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 9; 752.9; 03-JAN-2011 00:35:38; Dark ; 45.0; 46; Del Vel ; 1.95; 10600;occ; 90; 0;46238  
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 11; 1053.3; 03-JAN-2011 00:40:38; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;46238  
 12; 1173.5; 03-JAN-2011 00:42:38; Dark ; 46.5; 117; Pi Pup ; 2.71; 3800;occ; 93; 0;46238  
 13; 1338.2; 03-JAN-2011 00:45:23; Dark ; 47.5; 23; 21Eps CMA ; 1.50; 26000;occ; 95; 0;46238  
 14; 1429.0; 03-JAN-2011 00:46:54; Dark ; 38.0; 179; 240mi2CMA ; 3.03; 24000;occ; 76; 0;46238  
 15; 1573.7; 03-JAN-2011 00:49:19; Dark ; 54.0; 1; 9Alp CMA ; -1.44; 11000;occ; 108; 0;46238  
 16; 2018.5; 03-JAN-2011 00:56:43; Dark ; 50.0; 14; 58Alp Ori ; 0.87; 3000;occ; 100; 0;46238  
 17; 2205.4; 03-JAN-2011 00:59:50; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;46238  
 18; 2304.3; 03-JAN-2011 01:01:29; Bright; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;46238  
 19; 2545.0; 03-JAN-2011 01:05:30; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;46238  
 20; 2675.3; 03-JAN-2011 01:07:40; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;46238  
 21; 3669.0; 03-JAN-2011 01:24:14; Bright; 34.5; 60; 7Bet UMi ; 2.08; 3950;occ; 69; 0;46238  
 22; 3877.4; 03-JAN-2011 01:27:42; Bright; 49.0; 32; 77Eps UMa ; 1.76; 11000;occ; 98; 0;46238  
 23; 4080.5; 03-JAN-2011 01:31:05; Bright; 44.5; 39; 85Eta UMa ; 1.85; 24000;occ; 89; 0;46238  
 24; 4331.7; 03-JAN-2011 01:35:17; Bright; 49.0; 180; 27Gam Boo ; 3.04; 8000;occ; 98; 0;46238  
 25; 4558.0; 03-JAN-2011 01:39:03; Bright; 64.0; 83; ; 2.38; 11000;occ; 128; 0;46238  
 26; 4760.2; 03-JAN-2011 01:42:25; Bright; 56.5; 3; 16Alp Boo ; -0.05; 4250;occ; 113; 0;46238  
 27; 4877.0; 03-JAN-2011 01:44:22; Bright; 55.0; 102; 24Alp Ser ; 2.60; 4250;occ; 110; 0;46238  
 28; 5184.4; 03-JAN-2011 01:49:29; Bright; 32.5; 104; 27Bet Lib ; 2.61; 13100;occ; 65; 0;46238

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20110103\_014929\_000035443098\_00103\_46238\_2013.N1

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 5; 13.8; 03-JAN-2011 02:03:33; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;46239  
 6; 125.8; 03-JAN-2011 02:05:25; Dark ; 45.5; 64; Gam Cen ; 2.20; 10600;occ; 91; 0;46239  
 7; 238.4; 03-JAN-2011 02:07:17; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46239  
 8; 496.2; 03-JAN-2011 02:11:35; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;46239  
 9; 639.3; 03-JAN-2011 02:13:58; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46239  
 10; 753.4; 03-JAN-2011 02:15:52; Dark ; 46.0; 46; Del Vel ; 1.95; 10600;occ; 92; 0;46239  
 11; 923.1; 03-JAN-2011 02:18:42; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;46239  
 12; 1053.9; 03-JAN-2011 02:20:53; Dark ; 46.0; 70; Zet Pup ; 2.25; 39000;occ; 92; 0;46239  
 13; 1173.8; 03-JAN-2011 02:22:53; Dark ; 48.0; 117; Pi Pup ; 2.71; 3800;occ; 96; 0;46239  
 14; 1338.7; 03-JAN-2011 02:25:38; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;46239  
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 16; 1573.9; 03-JAN-2011 02:29:33; Dark ; 49.5; 1; 9Alp CMA ; -1.44; 11000;occ; 99; 0;46239  
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12; 1178.8; 04-JAN-2011 01:46:14; Dark ; 47.5; 117; Pi Pup ; 2.71; 3800;occ; 95; 0;46253
13; 1342.1; 04-JAN-2011 01:48:57; Dark ; 46.5; 23; 21Eps CMa ; 1.50; 26000;occ; 93; 0;46253
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/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20110104\_054822\_000060403098\_00120\_46255\_2021.N1

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 15; 511.2; 04-JAN-2011 06:35:49; Dark ; 48.5; 113; Mu Vel ; 2.69; 5000;occ; 97; 0;46256  
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 3; 1182.3; 04-JAN-2011 20:08:52; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;46264  
 4; 1345.0; 04-JAN-2011 20:11:35; Dark ; 47.5; 23; 21Eps CMA ; 1.50; 26000;occ; 95; 0;46264



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6; 147.6; 04-JAN-2011 21:31:51; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;46265
7; 262.7; 04-JAN-2011 21:33:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46265
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26; 7194.4; 04-JAN-2011 10:07:26; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;46258  
27; 7357.6; 04-JAN-2011 10:10:09; Dark ; 45.5; 23; 21Eps CMA ; 1.50; 26000;occ; 91; 0;46258  
28; 7447.7; 04-JAN-2011 10:11:39; Dark ; 44.0; 179; 24Omi2CMA ; 3.03; 24000;occ; 88; 0;46258  
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23; 6946.9; 04-JAN-2011 11:43:32; Dark ; 43.0; 34; Gam2Vel ; 1.79; 23000;occ; 86; 0;46259  
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25; 7194.8; 04-JAN-2011 11:47:40; Dark ; 48.0; 117; Pi Pup ; 2.71; 3800;occ; 96; 0;46259  
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27; 7447.8; 04-JAN-2011 11:51:53; Dark ; 42.0; 179; 24Omi2CMA ; 3.03; 24000;occ; 84; 0;46259  
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7; 3666.6; 04-JAN-2011 12:29:06; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;46259  
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9; 4075.4; 04-JAN-2011 12:35:55; Bright; 47.0; 39; 85Eta UMa ; 1.85; 24000;occ; 94; 0;46259  
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 23; 6947.4; 04-JAN-2011 13:23:47; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;46260  
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 16; 5196.5; 04-JAN-2011 17:55:18; Bright; 57.0; 104; 27Bet Lib ; 2.61; 13100;occ; 114; 0;46262  
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```

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24; 6666.2; 04-JAN-2011 18:19:48; Dark ; 45.0; 71; Iot Car ; 2.25; 7700;occ; 90; 0;46263
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26; 6948.9; 04-JAN-2011 18:24:30; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;46263
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14; 4332.3; 04-JAN-2011 19:21:08; Bright; 65.0; 180; 27Gam Boo ; 3.04; 8000;occ; 130; 0;46263
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23; 6275.9; 04-JAN-2011 19:53:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46264
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 6; 264.6; 05-JAN-2011 00:54:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46267
 7; 520.4; 05-JAN-2011 00:58:32; Dark ; 48.5; 113; Mu Vel ; 2.69; 5000;occ; 97; 0;46267
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10; 936.3; 05-JAN-2011 01:05:28; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;46267
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13; 1345.6; 05-JAN-2011 01:12:17; Dark ; 44.0; 23; 21Eps CMa ; 1.50; 26000;occ; 88; 0;46267
14; 1435.2; 05-JAN-2011 01:13:47; Dark ; 42.5; 179; 240mi2CMa ; 3.03; 24000;occ; 85; 0;46267
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16; 2017.9; 05-JAN-2011 01:23:29; Dark ; 54.0; 14; 58Alp Ori ; 0.87; 3000;occ; 108; 0;46267
17; 2197.7; 05-JAN-2011 01:26:29; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;46267
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21; 3665.3; 05-JAN-2011 01:50:57; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;46267
22; 3929.6; 05-JAN-2011 01:55:21; Bright; 47.5; 55; 79Zet UMa ; 2.06; 10200;occ; 95; 0;46267
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24; 4332.3; 05-JAN-2011 02:02:04; Bright; 43.0; 180; 27Gam Boo ; 3.04; 8000;occ; 86; 0;46267
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12; 1067.5; 05-JAN-2011 02:47:53; Dark ; 45.0; 70; Zet Pup ; 2.25; 39000;occ; 90; 0;46268
13; 1183.7; 05-JAN-2011 02:49:49; Dark ; 49.0; 117; Pi Pup ; 2.71; 3800;occ; 98; 0;46268
14; 1346.0; 05-JAN-2011 02:52:31; Dark ; 43.5; 23; 21Eps CMA ; 1.50; 26000;occ; 87; 0;46268
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7;-814.4; 05-JAN-2011 03:56:45; Bright; 45.5; 104; 27Bet Lib ; 2.61; 13100;occ; 91; 0;46268
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10; 31.9; 05-JAN-2011 04:10:51; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;46269
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13; 267.4; 05-JAN-2011 05:55:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46270
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7; 2195.1; 05-JAN-2011 21:29:15; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;46279
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 14; 536.1; 06-JAN-2011 07:03:00; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;46285  
 15; 663.4; 06-JAN-2011 07:05:07; Dark ; 43.5; 71; Iot Car ; 2.25; 7700;occ; 87; 0;46285  
 16; 776.9; 06-JAN-2011 07:07:01; Dark ; 44.0; 46; Del Vel ; 1.95; 10600;occ; 88; 0;46285  
 17; 945.1; 06-JAN-2011 07:09:49; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;46285  
 18; 1075.3; 06-JAN-2011 07:11:59; Dark ; 44.5; 70; Zet Pup ; 2.25; 39000;occ; 89; 0;46285  
 19; 1189.6; 06-JAN-2011 07:13:54; Dark ; 44.5; 117; Pi Pup ; 2.71; 3800;occ; 89; 0;46285  
 20; 1350.6; 06-JAN-2011 07:16:34; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;46285  
 21; 1439.2; 06-JAN-2011 07:18:03; Dark ; 41.5; 179; 240mi2CMA ; 3.03; 24000;occ; 83; 0;46285  
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 2; 2193.8; 06-JAN-2011 07:30:38; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;46285  
 3; 2293.8; 06-JAN-2011 07:32:18; Bright; 43.0; 151; 13Mu Gem ; 2.89; 3000;occ; 86; 0;46285  
 4; 2536.7; 06-JAN-2011 07:36:21; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46285  
 5; 2669.4; 06-JAN-2011 07:38:33; Bright; 38.0; 42; 34Bet Aur ; 1.90; 10200;occ; 76; 0;46285  
 6; 3663.3; 06-JAN-2011 07:55:07; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46285  
 7; 3904.7; 06-JAN-2011 07:59:09; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46285  
 8; 4068.9; 06-JAN-2011 08:01:53; Bright; 48.0; 39; 85Eta UMA ; 1.85; 24000;occ; 96; 0;46285  
 9; 4332.5; 06-JAN-2011 08:06:16; Bright; 44.0; 180; 27Gam Boo ; 3.04; 8000;occ; 88; 0;46285  
 10; 4568.5; 06-JAN-2011 08:10:12; Bright; 67.0; 83; ; 2.38; 11000;occ; 134; 0;46285  
 11; 4892.8; 06-JAN-2011 08:15:37; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;46285  
 12; 5208.9; 06-JAN-2011 08:20:53; Dark ; 46.0; 104; 27Bet Lib ; 2.61; 13100;occ; 92; 0;46285  
 13; 5379.3; 06-JAN-2011 08:23:43; Dark ; 46.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 93; 0;46285  
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 15; 5956.4; 06-JAN-2011 08:33:20; Dark ; 41.0; 95; Zet Cen ; 2.55; 26000;occ; 82; 0;46285  
 16; 6056.3; 06-JAN-2011 08:35:00; Dark ; 42.5; 77; Eps Cen ; 2.30; 28000;occ; 85; 0;46286



17; 6218.7; 06-JAN-2011 08:37:43; Dark ; 44.0; 20; Bet Cru ; 1.25; 3000;occ; 88; 0;46286  
 18; 6296.5; 06-JAN-2011 08:39:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46286  
 19; 6551.0; 06-JAN-2011 08:43:15; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;46286  
 20; 6677.9; 06-JAN-2011 08:45:22; Dark ; 40.5; 71; Iot Car ; 2.25; 7700;occ; 81; 0;46286  
 21; 6791.5; 06-JAN-2011 08:47:15; Dark ; 47.0; 46; Del Vel ; 1.95; 10600;occ; 94; 0;46286  
 22; 6959.5; 06-JAN-2011 08:50:03; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;46286  
 23; 7089.8; 06-JAN-2011 08:52:14; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;46286  
 24; 7203.9; 06-JAN-2011 08:54:08; Dark ; 45.0; 117; Pi Pup ; 2.71; 3800;occ; 90; 0;46286  
 25; 7364.7; 06-JAN-2011 08:56:49; Dark ; 44.0; 23; 21Eps CMA ; 1.50; 26000;occ; 88; 0;46286  
 26; 7453.4; 06-JAN-2011 08:58:17; Dark ; 42.5; 179; 240mi2CMA ; 3.03; 24000;occ; 85; 0;46286  
 27; 7594.2; 06-JAN-2011 09:00:38; Dark ; 56.0; 1; 9Alp CMA ; -1.44; 11000;occ; 112; 0;46286

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 3; 2293.7; 06-JAN-2011 09:12:32; Bright; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;46286  
 4; 2536.4; 06-JAN-2011 09:16:34; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46286  
 5; 2669.2; 06-JAN-2011 09:18:47; Bright; 37.0; 42; 34Bet Aur ; 1.90; 10200;occ; 74; 0;46286  
 6; 3663.2; 06-JAN-2011 09:35:21; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;46286  
 7; 3904.7; 06-JAN-2011 09:39:23; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46286  
 8; 4068.6; 06-JAN-2011 09:42:06; Bright; 61.0; 39; 85Eta UMa ; 1.85; 24000;occ; 122; 0;46286  
 9; 4332.3; 06-JAN-2011 09:46:30; Bright; 43.5; 180; 27Gam Boo ; 3.04; 8000;occ; 87; 0;46286  
 10; 4568.7; 06-JAN-2011 09:50:27; Bright; 53.5; 83; ; 2.38; 11000;occ; 107; 0;46286  
 11; 4893.1; 06-JAN-2011 09:55:51; Bright; 38.5; 102; 24Alp Ser ; 2.60; 4250;occ; 77; 0;46286  
 12; 5209.5; 06-JAN-2011 10:01:07; Dark ; 44.5; 104; 27Bet Lib ; 2.61; 13100;occ; 89; 0;46286  
 13; 5379.9; 06-JAN-2011 10:03:58; Dark ; 44.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 88; 0;46286  
 14; 5801.4; 06-JAN-2011 10:10:59; Dark ; 49.5; 54; 5The Cen ; 2.06; 4500;occ; 99; 0;46286  
 15; 5957.3; 06-JAN-2011 10:13:35; Dark ; 41.5; 95; Zet Cen ; 2.55; 26000;occ; 83; 0;46286  
 16; 6057.0; 06-JAN-2011 10:15:15; Dark ; 41.5; 77; Eps Cen ; 2.30; 28000;occ; 83; 0;46287  
 17; 6219.3; 06-JAN-2011 10:17:57; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;46287  
 18; 6297.4; 06-JAN-2011 10:19:15; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46287  
 19; 6551.8; 06-JAN-2011 10:23:30; Dark ; 48.5; 113; Mu Vel ; 2.69; 5000;occ; 97; 0;46287  
 20; 6678.3; 06-JAN-2011 10:25:36; Dark ; 39.5; 71; Iot Car ; 2.25; 7700;occ; 79; 0;46287  
 21; 6792.0; 06-JAN-2011 10:27:30; Dark ; 42.0; 46; Del Vel ; 1.95; 10600;occ; 84; 0;46287  
 22; 6960.0; 06-JAN-2011 10:30:18; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;46287  
 23; 7090.2; 06-JAN-2011 10:32:28; Dark ; 45.0; 70; Zet Pup ; 2.25; 39000;occ; 90; 0;46287  
 24; 7204.2; 06-JAN-2011 10:34:22; Dark ; 50.0; 117; Pi Pup ; 2.71; 3800;occ; 100; 0;46287  
 25; 7365.0; 06-JAN-2011 10:37:03; Dark ; 47.0; 23; 21Eps CMA ; 1.50; 26000;occ; 94; 0;46287  
 26; 7453.6; 06-JAN-2011 10:38:32; Dark ; 40.5; 179; 240mi2CMA ; 3.03; 24000;occ; 81; 0;46287  
 27; 7594.2; 06-JAN-2011 10:40:52; Dark ; 13.0; 1; 9Alp CMA ; -1.44; 11000;occ; 26; 0;46287

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 2; 2018.5; 06-JAN-2011 10:48:10; Dark ; 49.0; 14; 58Alp Ori ; 0.87; 3000;occ; 98; 0;46287  
 3; 2193.4; 06-JAN-2011 10:51:05; Dark ; 39.0; 44; 24Gam Gem ; 1.93; 11000;occ; 78; 0;46287  
 4; 2293.3; 06-JAN-2011 10:52:45; Bright; 37.0; 151; 13Mu Gem ; 2.89; 3000;occ; 74; 0;46287  
 5; 2536.3; 06-JAN-2011 10:56:48; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46287  
 6; 2669.2; 06-JAN-2011 10:59:01; Bright; 37.5; 42; 34Bet Aur ; 1.90; 10200;occ; 75; 0;46287  
 7; 3663.1; 06-JAN-2011 11:15:35; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;46287  
 8; 3904.6; 06-JAN-2011 11:19:36; Bright; 37.0; 119; 14Eta Dra ; 2.73; 4700;occ; 74; 0;46287  
 9; 4068.3; 06-JAN-2011 11:22:20; Bright; 47.0; 39; 85Eta UMa ; 1.85; 24000;occ; 94; 0;46287  
 10; 4332.3; 06-JAN-2011 11:26:44; Bright; 67.0; 180; 27Gam Boo ; 3.04; 8000;occ; 134; 0;46287  
 11; 4569.0; 06-JAN-2011 11:30:41; Bright; 48.0; 83; ; 2.38; 11000;occ; 96; 0;46287  
 12; 4893.5; 06-JAN-2011 11:36:05; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;46287  
 13; 5210.0; 06-JAN-2011 11:41:22; Dark ; 42.5; 104; 27Bet Lib ; 2.61; 13100;occ; 85; 0;46287  
 14; 5380.8; 06-JAN-2011 11:44:13; Dark ; 47.5; 122; 9Alp2Lib ; 2.75; 9700;occ; 95; 0;46287  
 15; 5802.2; 06-JAN-2011 11:51:14; Dark ; 50.5; 54; 5The Cen ; 2.06; 4500;occ; 101; 0;46287  
 16; 5957.9; 06-JAN-2011 11:53:50; Dark ; 42.0; 95; Zet Cen ; 2.55; 26000;occ; 84; 0;46287  
 17; 6057.5; 06-JAN-2011 11:55:29; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;46288  
 18; 6219.9; 06-JAN-2011 11:58:12; Dark ; 41.0; 20; Bet Cru ; 1.25; 30000;occ; 82; 0;46288  
 19; 6298.3; 06-JAN-2011 11:59:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46288  
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 21; 6678.9; 06-JAN-2011 12:05:51; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;46288  
 22; 6792.5; 06-JAN-2011 12:07:44; Dark ; 42.0; 46; Del Vel ; 1.95; 10600;occ; 84; 0;46288  
 23; 6960.5; 06-JAN-2011 12:10:32; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;46288  
 24; 7090.8; 06-JAN-2011 12:12:43; Dark ; 43.5; 70; Zet Pup ; 2.25; 39000;occ; 87; 0;46288  
 25; 7204.4; 06-JAN-2011 12:14:36; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;46288  
 26; 7365.2; 06-JAN-2011 12:17:17; Dark ; 45.5; 23; 21Eps CMA ; 1.50; 26000;occ; 91; 0;46288  
 27; 7453.8; 06-JAN-2011 12:18:46; Dark ; 43.0; 179; 240mi2CMA ; 3.03; 24000;occ; 86; 0;46288  
 28; 7594.4; 06-JAN-2011 12:21:06; Dark ; 18.5; 1; 9Alp CMA ; -1.44; 11000;occ; 37; 0;46288

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 3; 2193.1; 06-JAN-2011 12:31:19; Dark ; 52.0; 44; 24Gam Gem ; 1.93; 11000;occ; 104; 0;46288  
 4; 2293.1; 06-JAN-2011 12:32:59; Bright; 41.0; 151; 13Mu Gem ; 2.89; 3000;occ; 82; 0;46288  
 5; 2536.0; 06-JAN-2011 12:37:02; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;46288  
 6; 2669.0; 06-JAN-2011 12:39:15; Bright; 39.0; 42; 34Bet Aur ; 1.90; 10200;occ; 78; 0;46288  
 7; 3663.1; 06-JAN-2011 12:55:49; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;46288  
 8; 3904.8; 06-JAN-2011 12:59:51; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;46288  
 9; 4068.0; 06-JAN-2011 13:02:34; Bright; 70.0; 39; 85Eta UMa ; 1.85; 24000;occ; 140; 0;46288  
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 11; 4569.2; 06-JAN-2011 13:10:55; Bright; 48.5; 83; ; 2.38; 11000;occ; 97; 0;46288  
 12; 4893.7; 06-JAN-2011 13:16:20; Bright; 56.0; 102; 24Alp Ser ; 2.60; 4250;occ; 112; 0;46288  
 13; 5210.6; 06-JAN-2011 13:21:36; Dark ; 46.5; 104; 27Bet Lib ; 2.61; 13100;occ; 93; 0;46288  
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 15; 5803.1; 06-JAN-2011 13:31:29; Dark ; 51.5; 54; 5The Cen ; 2.06; 4500;occ; 103; 0;46288  
 16; 5958.6; 06-JAN-2011 13:34:04; Dark ; 41.5; 95; Zet Cen ; 2.55; 26000;occ; 83; 0;46288  
 17; 6058.2; 06-JAN-2011 13:35:44; Dark ; 40.5; 77; Eps Cen ; 2.30; 28000;occ; 81; 0;46289  
 18; 6220.5; 06-JAN-2011 13:38:26; Dark ; 41.5; 20; Bet Cru ; 1.25; 30000;occ; 83; 0;46289  
 19; 6299.3; 06-JAN-2011 13:39:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46289  
 20; 6553.4; 06-JAN-2011 13:43:59; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;46289  
 21; 6679.2; 06-JAN-2011 13:46:05; Dark ; 40.0; 71; Iot Car ; 2.25; 7700;occ; 80; 0;46289  
 22; 6793.0; 06-JAN-2011 13:47:59; Dark ; 40.0; 46; Del Vel ; 1.95; 10600;occ; 80; 0;46289  
 23; 6960.9; 06-JAN-2011 13:50:47; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;46289  
 24; 7090.9; 06-JAN-2011 13:52:57; Dark ; 45.5; 70; Zet Pup ; 2.25; 39000;occ; 91; 0;46289  
 25; 7204.9; 06-JAN-2011 13:54:51; Dark ; 45.5; 117; Pi Pup ; 2.71; 3800;occ; 91; 0;46289  
 26; 7365.4; 06-JAN-2011 13:57:31; Dark ; 44.5; 23; 21Eps CMa ; 1.50; 26000;occ; 89; 0;46289  
 27; 7454.2; 06-JAN-2011 13:59:00; Dark ; 41.0; 179; 24Omi2CMa ; 3.03; 24000;occ; 82; 0;46289

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 3; 2018.7; 06-JAN-2011 14:08:39; Dark ; 48.5; 14; 58Alp Ori ; 0.87; 3000;occ; 97; 0;46289  
 4; 2193.1; 06-JAN-2011 14:11:33; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;46289  
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 8; 3662.9; 06-JAN-2011 14:36:03; Bright; 39.0; 60; 7Bet UMi ; 2.08; 3950;occ; 78; 0;46289  
 9; 3904.9; 06-JAN-2011 14:40:05; Bright; 36.5; 119; 14Eta Dra ; 2.73; 4700;occ; 73; 0;46289  
 10; 4067.8; 06-JAN-2011 14:42:48; Bright; 49.0; 39; 85Eta UMa ; 1.85; 24000;occ; 98; 0;46289  
 11; 4332.7; 06-JAN-2011 14:47:12; Bright; 49.0; 180; 27Gam Boo ; 3.04; 8000;occ; 98; 0;46289  
 12; 4569.6; 06-JAN-2011 14:51:09; Bright; 46.5; 83; ; 2.38; 11000;occ; 93; 0;46289  
 13; 4894.4; 06-JAN-2011 14:56:34; Bright; 39.0; 102; 24Alp Ser ; 2.60; 4250;occ; 78; 0;46289  
 14; 5211.3; 06-JAN-2011 15:01:51; Dark ; 45.0; 104; 27Bet Lib ; 2.61; 13100;occ; 90; 0;46289  
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 16; 5803.9; 06-JAN-2011 15:11:44; Dark ; 53.5; 54; 5The Cen ; 2.06; 4500;occ; 107; 0;46289  
 17; 5959.3; 06-JAN-2011 15:14:19; Dark ; 41.0; 95; Zet Cen ; 2.55; 26000;occ; 82; 0;46289  
 18; 6058.8; 06-JAN-2011 15:15:59; Dark ; 41.0; 77; Eps Cen ; 2.30; 28000;occ; 82; 0;46290  
 19; 6221.1; 06-JAN-2011 15:18:41; Dark ; 42.5; 20; Bet Cru ; 1.25; 30000;occ; 85; 0;46290  
 20; 6300.3; 06-JAN-2011 15:20:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46290  
 21; 6554.4; 06-JAN-2011 15:24:14; Dark ; 49.0; 113; Mu Vel ; 2.69; 5000;occ; 98; 0;46290  
 22; 6679.8; 06-JAN-2011 15:26:20; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46290  
 23; 6793.5; 06-JAN-2011 15:28:13; Dark ; 42.5; 46; Del Vel ; 1.95; 10600;occ; 85; 0;46290  
 24; 6961.4; 06-JAN-2011 15:31:01; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;46290  
 25; 7091.3; 06-JAN-2011 15:33:11; Dark ; 46.5; 70; Zet Pup ; 2.25; 39000;occ; 93; 0;46290  
 26; 7204.9; 06-JAN-2011 15:35:05; Dark ; 45.5; 117; Pi Pup ; 2.71; 3800;occ; 91; 0;46290  
 27; 7365.5; 06-JAN-2011 15:37:45; Dark ; 34.5; 23; 21Eps CMa ; 1.50; 26000;occ; 69; 0;46290

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 3; 1580.6; 06-JAN-2011 15:41:34; Dark ; 57.0; 1; 9Alp CMa ; -1.44; 11000;occ; 114; 0;46290  
 4; 2018.4; 06-JAN-2011 15:48:52; Dark ; 47.5; 14; 58Alp Ori ; 0.87; 3000;occ; 95; 0;46290  
 5; 2192.8; 06-JAN-2011 15:51:47; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;46290  
 6; 2292.8; 06-JAN-2011 15:53:27; Bright; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;46290  
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 9; 3662.8; 06-JAN-2011 16:16:17; Bright; 36.0; 60; 7Bet UMi ; 2.08; 3950;occ; 72; 0;46290  
 10; 3904.9; 06-JAN-2011 16:20:19; Bright; 37.5; 119; 14Eta Dra ; 2.73; 4700;occ; 75; 0;46290  
 11; 4067.4; 06-JAN-2011 16:23:01; Bright; 45.0; 39; 85Eta UMa ; 1.85; 24000;occ; 90; 0;46290

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22; 6555.2; 06-JAN-2011 17:04:29; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;46291
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6; 291.9; 07-JAN-2011 01:21:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46296
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12; 211.7; 07-JAN-2011 04:40:38; Dark ; 47.0; 20; Bet Cru ; 1.25; 30000;occ; 94; 0;46298
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 25; 4062.0; 07-JAN-2011 22:27:08; Bright; 32.0; 39; 85Eta UMa ; 1.85; 24000;occ; 64; 0;46308  
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18; 6323.8; 08-JAN-2011 09:06:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46315
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26; 7459.6; 08-JAN-2011 09:25:10; Dark ; 41.0; 179; 240mi2CMA ; 3.03; 24000;occ; 82; 0;46315
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3; 2187.9; 08-JAN-2011 09:37:32; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;46315

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6; 2664.6; 08-JAN-2011 11:25:43; Bright; 38.0; 42; 34Bet Aur ; 1.90; 10200;occ; 76; 0;46316  
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20; 2529.9; 10-JAN-2011 01:48:51; Bright; 35.0; 107; 37The Aur ; 2.65; 11000;occ; 70; 0;46339
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 15; 5247.0; 10-JAN-2011 17:36:14; Dark ; 44.5; 104; 27Bet Lib ; 2.61; 13100;occ; 89; 0;46348  
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16; 2279.3; 14-JAN-2011 00:57:59; Bright; 42.0; 151; 13Mu Gem ; 2.89; 3000;occ; 84; 0;46396
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6; 24.4; 14-JAN-2011 02:00:38; Dark ; 44.0; 95; Zet Cen ; 2.55; 26000;occ; 88; 0;46397
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13; 1349.5; 14-JAN-2011 02:22:43; Dark ; 43.5; 88; 31Eta CMa ; 2.45; 20000;occ; 87; 0;46397
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14; 717.4; 14-JAN-2011 03:52:25; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;46398
15; 829.4; 14-JAN-2011 03:54:17; Dark ; 41.5; 46; Del Vel ; 1.95; 10600;occ; 83; 0;46398
16; 992.5; 14-JAN-2011 03:57:00; Dark ; 44.5; 34; Gam2Vel ; 1.79; 23000;occ; 89; 0;46398
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18; 1349.8; 14-JAN-2011 04:02:57; Dark ; 44.5; 88; 31Eta CMa ; 2.45; 20000;occ; 89; 0;46398
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 9; 684.1; 19-JAN-2011 02:28:27; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;46469  
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3; 2415.7; 21-JAN-2011 08:24:47; Bright; 45.0; 17; 78Bet Gem ; 1.16; 4500;occ; 90; 0;46501
4; 3371.4; 21-JAN-2011 08:40:43; Bright; 46.0; 36; 50Alp UMa ; 1.80; 6300;occ; 92; 0;46501
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9; 4994.7; 21-JAN-2011 09:07:46; Bright; 46.5; 102; 24Alp Ser ; 2.60; 4250;occ; 93; 0;46501
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7; 4444.5; 21-JAN-2011 10:38:50; Bright; 57.0; 133; 40Zet Her ; 2.81; 6000;occ; 114; 0;46502
8; 4585.4; 21-JAN-2011 10:41:11; Bright; 70.0; 67; 5Alp CrB ; 2.22; 11000;occ; 140; 0;46502
9; 4995.2; 21-JAN-2011 10:48:01; Bright; 47.5; 102; 24Alp Ser ; 2.60; 4250;occ; 95; 0;46502
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11; 5460.0; 21-JAN-2011 10:55:45; Dark ; 48.5; 80; 7Del Sco ; 2.32; 30000;occ; 97; 0;46502
12; 5587.9; 21-JAN-2011 10:57:53; Dark ; 50.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 100; 0;46502
13; 5787.2; 21-JAN-2011 11:01:13; Dark ; 40.0; 131; Gam Lup ; 2.80; 26000;occ; 80; 0;46502

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 7; 4444.5; 21-JAN-2011 12:19:04; Bright; 57.0; 133; 40Zet Her ; 2.81; 6000;occ; 114; 0;46503  
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 5; 3627.5; 21-JAN-2011 13:45:41; Bright; 35.0; 60; 7Bet UMi ; 2.08; 3950;occ; 70; 0;46504  
 6; 3896.0; 21-JAN-2011 13:50:09; Bright; 56.0; 119; 14Eta Dra ; 2.73; 4700;occ; 112; 0;46504  
 7; 4444.8; 21-JAN-2011 13:59:18; Bright; 57.0; 133; 40Zet Her ; 2.81; 6000;occ; 114; 0;46504  
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 3; 2322.9; 21-JAN-2011 15:04:10; Bright; 39.5; 170; 27Eps Gem ; 3.00; 9700;occ; 79; 0;46505  
 4; 2414.4; 21-JAN-2011 15:05:42; Bright; 43.5; 17; 78Bet Gem ; 1.16; 4500;occ; 87; 0;46505  
 5; 3368.4; 21-JAN-2011 15:21:36; Bright; 49.0; 36; 50Alp UMa ; 1.80; 6300;occ; 98; 0;46505  
 6; 3627.4; 21-JAN-2011 15:25:55; Bright; 39.5; 60; 7Bet UMi ; 2.08; 3950;occ; 79; 0;46505

7; 3895.9; 21-JAN-2011 15:30:23; Bright; 39.0; 119; 14Eta Dra ; 2.73; 4700;occ; 78; 0;46505  
8; 4445.0; 21-JAN-2011 15:39:32; Bright; 57.0; 133; 40Zet Her ; 2.81; 6000;occ; 114; 0;46505  
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9; 4445.1; 21-JAN-2011 19:00:01; Bright; 50.0; 133; 40Zet Her ; 2.81; 6000;occ; 100; 0;46507  
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12; 4902.3; 31-JAN-2011 16:20:48; Bright; 54.0; 126; 60Bet Oph ; 2.77; 4250;occ; 108; 0;46649
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