

# GOMOS Daily Report 26-DEC-2010

## Level 0 and Level 1 products

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

Item	Value
Time of report generation	29DEC2010 05:00:16
Data source version	GOMOS/5.01
Start time of products	26DEC2010 00:04:02
Stop time of products	26DEC2010 23:27:25
Store outputs in DB	Yes
Nb of level 1b prods	125
Nb of prods with errors	0

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

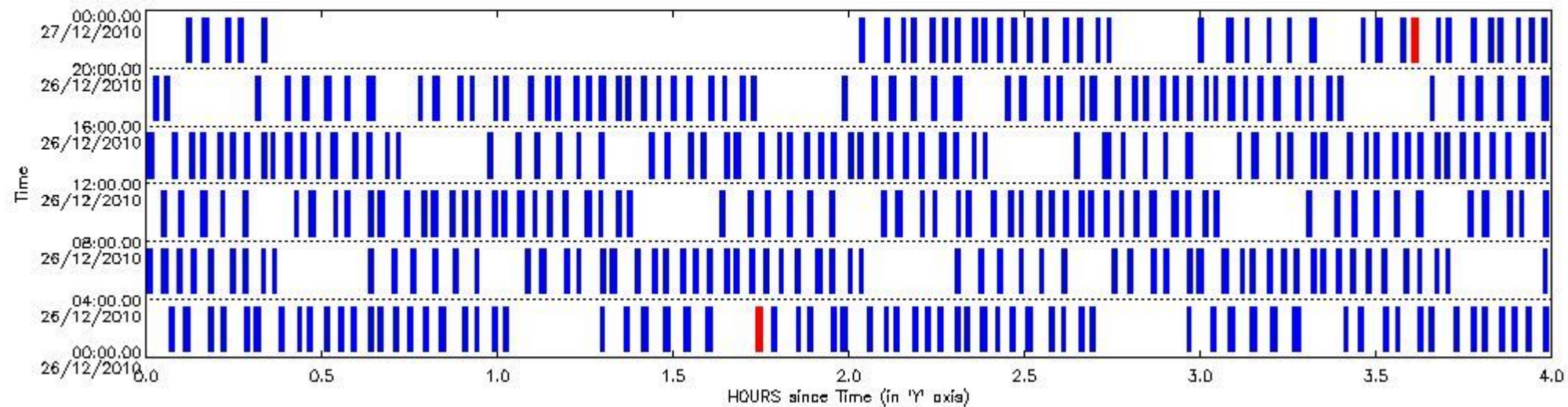
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
26-DEC-2010 01:44:13	9Alp2Lib	122	46123
26-DEC-2010 23:36:10	lotCen	123	46136

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

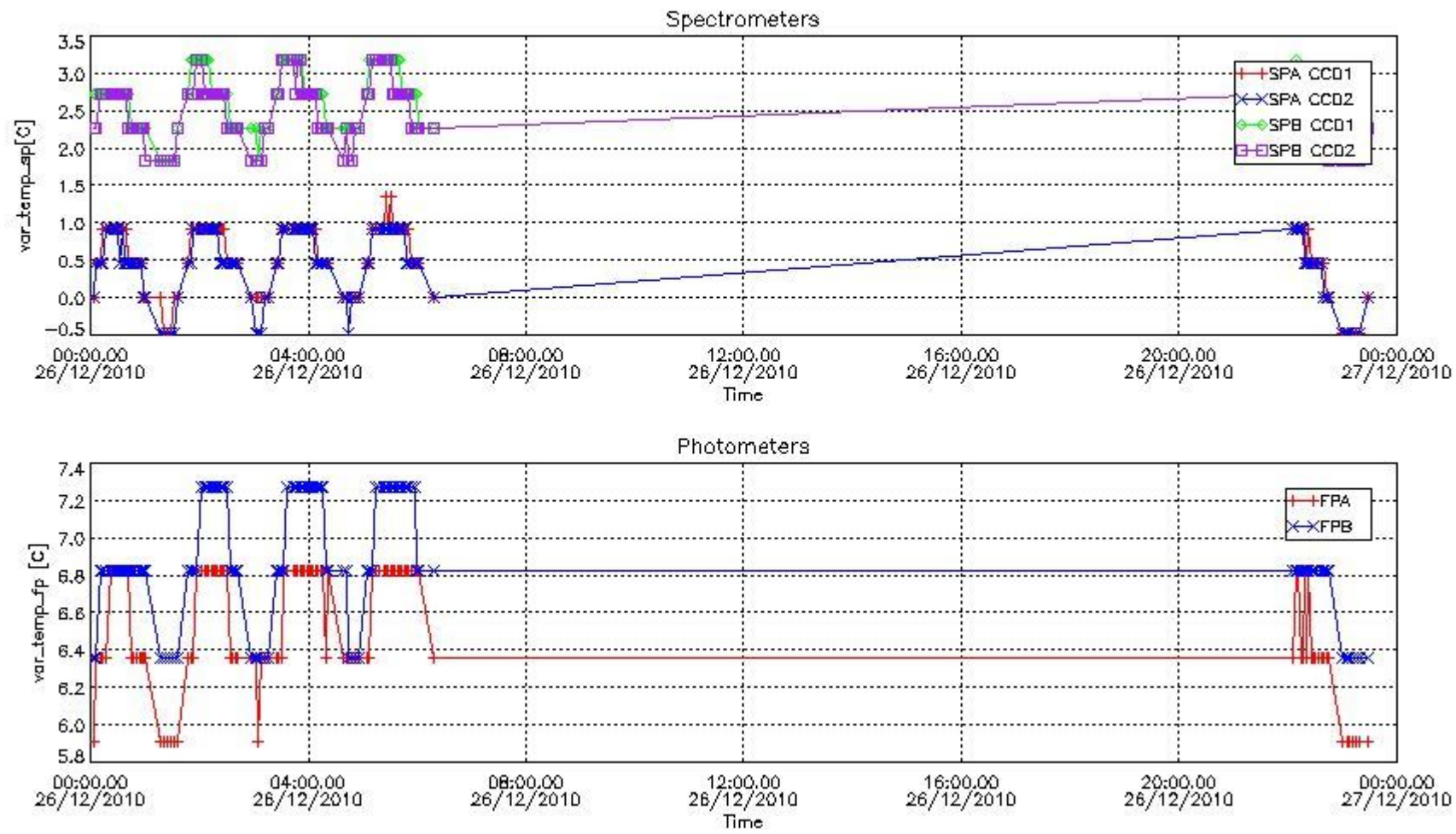
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20101226_000402_000000413097_00418_46122_9343.N1	26-DEC-2010 00:04:02	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	46122	No
2	GOM_TRA_1PNPDE20101226_000626_000000593097_00418_46122_9344.N1	26-DEC-2010 00:06:26	Straylight	58.500	15	67Alp Vir	0.97600	28000.	117	46122	No
3	GOM_TRA_1PNPDE20101226_001043_000000473097_00418_46122_9345.N1	26-DEC-2010 00:10:43	Dark	46.500	54	5The Cen	2.0550	4500.0	93	46122	No
4	GOM_TRA_1PNPDE20101226_001246_000000453097_00418_46122_9346.N1	26-DEC-2010 00:12:46	Dark	44.500	123	lot Cen	2.7500	10200.	89	46122	No
5	GOM_TRA_1PNPDE20101226_001647_000000433097_00419_46123_9347.N1	26-DEC-2010 00:16:47	Dark	42.500	64	Gam Cen	2.2000	10600.	85	46123	No
6	GOM_TRA_1PNPDE20101226_002245_000000483097_00419_46123_9348.N1	26-DEC-2010 00:22:45	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46123	No
7	GOM_TRA_1PNPDE20101226_002548_000000433097_00419_46123_9349.N1	26-DEC-2010 00:25:48	Dark	42.500	71	lot Car	2.2460	7700.0	85	46123	No
8	GOM_TRA_1PNPDE20101226_002731_000000513097_00419_46123_9350.N1	26-DEC-2010 00:27:31	Dark	51.000	41	Eps Car	1.8600	4100.0	102	46123	No
9	GOM_TRA_1PNPDE20101226_003033_000000453097_00419_46123_9351.N1	26-DEC-2010 00:30:33	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	46123	No

10	GOM_TRA_1PNPDE20101226_003244_000000483097_00419_46123_9352.N1	26-DEC-2010 00:32:44	Dark	48.000	70	Zet Pup	2.2460	39000.	96	46123	No
11	GOM_TRA_1PNPDE20101226_003501_000000523097_00419_46123_9353.N1	26-DEC-2010 00:35:01	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	46123	No
12	GOM_TRA_1PNPDE20101226_003757_000000493097_00419_46123_9354.N1	26-DEC-2010 00:37:57	Straylight	49.000	23	21Eps CMa	1.5020	26000.	98	46123	No
13	GOM_TRA_1PNPDE20101226_003934_000000483097_00419_46123_9355.N1	26-DEC-2010 00:39:34	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	46123	No
14	GOM_TRA_1PNPDE20101226_004212_000000553097_00419_46123_9356.N1	26-DEC-2010 00:42:12	Straylight	54.500	1	9Alp CMa	-1.4400	11000.	109	46123	No
15	GOM_TRA_1PNPDE20101226_004445_000000453097_00419_46123_9357.N1	26-DEC-2010 00:44:45	Straylight	44.500	56	53Kap Ori	2.0650	30000.	89	46123	No
16	GOM_TRA_1PNPDE20101226_004719_000000473097_00419_46123_9358.N1	26-DEC-2010 00:47:19	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	46123	No
17	GOM_TRA_1PNPDE20101226_005000_000000593097_00419_46123_9359.N1	26-DEC-2010 00:50:00	Twilight_stray	59.000	14	58Alp Ori	0.87000	3000.0	118	46123	No
18	GOM_TRA_1PNPDE20101226_005401_000000403097_00419_46123_9360.N1	26-DEC-2010 00:54:01	Bright	39.500	176	23Zet Tau	3.0200	22000.	79	46123	No
19	GOM_TRA_1PNPDE20101226_005606_000000403097_00419_46123_9361.N1	26-DEC-2010 00:56:06	Bright	40.000	28	12Bet Tau	1.6500	15200.	80	46123	No
20	GOM_TRA_1PNPDE20101226_005911_000000413097_00419_46123_9362.N1	26-DEC-2010 00:59:11	Bright	41.000	107	37The Aur	2.6490	11000.	82	46123	No
21	GOM_TRA_1PNPDE20101226_010101_000000453097_00419_46123_9363.N1	26-DEC-2010 01:01:01	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	46123	No
22	GOM_TRA_1PNPDE20101226_011732_000000383097_00419_46123_9364.N1	26-DEC-2010 01:17:32	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	46123	No
23	GOM_TRA_1PNPDE20101226_012134_000000533097_00419_46123_9365.N1	26-DEC-2010 01:21:34	Bright	53.000	32	77Eps UMa	1.7630	11000.	106	46123	No
24	GOM_TRA_1PNPDE20101226_012434_000000583097_00419_46123_9366.N1	26-DEC-2010 01:24:34	Bright	58.000	39	85Eta UMa	1.8540	24000.	116	46123	No
25	GOM_TRA_1PNPDE20101226_012820_000000593097_00419_46123_9367.N1	26-DEC-2010 01:28:20	Bright	59.000	180	27Gam Boo	3.0400	8000.0	118	46123	No
26	GOM_TRA_1PNPDE20101226_013148_000000583097_00419_46123_9368.N1	26-DEC-2010 01:31:48	Bright	58.000	83		2.3780	11000.	116	46123	No
27	GOM_TRA_1PNPDE20101226_013532_000000703097_00419_46123_9369.N1	26-DEC-2010 01:35:32	Bright	69.500	111	8Eta Boo	2.6800	6000.0	139	46123	No
28	GOM_TRA_1PNPDE20101226_014642_000000603097_00419_46123_9365.N1	26-DEC-2010 01:46:42	Straylight	60.000	15	67Alp Vir	0.97600	28000.	120	46123	No
29	GOM_TRA_1PNPDE20101226_015057_000000453097_00419_46123_9366.N1	26-DEC-2010 01:50:57	Dark	44.500	54	5The Cen	2.0550	4500.0	89	46123	No
30	GOM_TRA_1PNPDE20101226_015301_000000453097_00419_46123_9367.N1	26-DEC-2010 01:53:01	Dark	45.000	123	lot Cen	2.7500	10200.	90	46123	No
31	GOM_TRA_1PNPDE20101226_015701_000000433097_00420_46124_9368.N1	26-DEC-2010 01:57:01	Dark	43.000	64	Gam Cen	2.2000	10600.	86	46124	No
32	GOM_TRA_1PNPDE20101226_020300_000000483097_00420_46124_9369.N1	26-DEC-2010 02:03:00	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46124	No
33	GOM_TRA_1PNPDE20101226_020602_000000413097_00420_46124_9370.N1	26-DEC-2010 02:06:02	Dark	40.500	71	lot Car	2.2460	7700.0	81	46124	No
34	GOM_TRA_1PNPDE20101226_020745_000000453097_00420_46124_9371.N1	26-DEC-2010 02:07:45	Dark	45.000	41	Eps Car	1.8600	4100.0	90	46124	No
35	GOM_TRA_1PNPDE20101226_021048_000000503097_00420_46124_9372.N1	26-DEC-2010 02:10:48	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	46124	No
36	GOM_TRA_1PNPDE20101226_021259_000000513097_00420_46124_9373.N1	26-DEC-2010 02:12:59	Dark	51.000	70	Zet Pup	2.2460	39000.	102	46124	No
37	GOM_TRA_1PNPDE20101226_021516_000000503097_00420_46124_9374.N1	26-DEC-2010 02:15:16	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	46124	No
38	GOM_TRA_1PNPDE20101226_021812_000000503097_00420_46124_9375.N1	26-DEC-2010 02:18:12	Straylight	50.000	23	21Eps CMa	1.5020	26000.	100	46124	No
39	GOM_TRA_1PNPDE20101226_021949_000000493097_00420_46124_9376.N1	26-DEC-2010 02:19:49	Straylight	48.500	179	24Omi2CMa	3.0320	24000.	97	46124	No
40	GOM_TRA_1PNPDE20101226_022226_000000553097_00420_46124_9377.N1	26-DEC-2010 02:22:26	Straylight	55.000	1	9Alp CMa	-1.4400	11000.	110	46124	No
41	GOM_TRA_1PNPDE20101226_022459_000000453097_00420_46124_9378.N1	26-DEC-2010 02:24:59	Straylight	45.000	56	53Kap Ori	2.0650	30000.	90	46124	No
42	GOM_TRA_1PNPDE20101226_022733_000000463097_00420_46124_9379.N1	26-DEC-2010 02:27:33	Straylight	46.000	30	46Eps Ori	1.6940	30000.	92	46124	No
43	GOM_TRA_1PNPDE20101226_023014_000000593097_00420_46124_9380.N1	26-DEC-2010 02:30:14	Twilight_stray	59.000	14	58Alp Ori	0.87000	3000.0	118	46124	No
44	GOM_TRA_1PNPDE20101226_023415_000000403097_00420_46124_9381.N1	26-DEC-2010 02:34:15	Bright	39.500	176	23Zet Tau	3.0200	22000.	79	46124	No
45	GOM_TRA_1PNPDE20101226_023620_000000393097_00420_46124_9382.N1	26-DEC-2010 02:36:20	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	46124	No
46	GOM_TRA_1PNPDE20101226_023924_000000413097_00420_46124_9383.N1	26-DEC-2010 02:39:24	Bright	40.500	107	37The Aur	2.6490	11000.	81	46124	No
47	GOM_TRA_1PNPDE20101226_024115_000000443097_00420_46124_9384.N1	26-DEC-2010 02:41:15	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	46124	No
48	GOM_TRA_1PNPDE20101226_025746_000000393097_00420_46124_9384.N1	26-DEC-2010 02:57:46	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46124	No
49	GOM_TRA_1PNPDE20101226_030148_000000483097_00420_46124_9385.N1	26-DEC-2010 03:01:48	Bright	47.500	32	77Eps UMa	1.7630	11000.	95	46124	No
50	GOM_TRA_1PNPDE20101226_030448_000000633097_00420_46124_9386.N1	26-DEC-2010 03:04:48	Bright	63.000	39	85Eta UMa	1.8540	24000.	126	46124	No
51	GOM_TRA_1PNPDE20101226_030834_000000593097_00420_46124_9387.N1	26-DEC-2010 03:08:34	Bright	59.000	180	27Gam Boo	3.0400	8000.0	118	46124	No
52	GOM_TRA_1PNPDE20101226_031202_000000583097_00420_46124_9388.N1	26-DEC-2010 03:12:02	Bright	58.000	83		2.3780	11000.	116	46124	No
53	GOM_TRA_1PNPDE20101226_031547_000000703097_00420_46124_9389.N1	26-DEC-2010 03:15:47	Bright	70.000	111	8Eta Boo	2.6800	6000.0	140	46124	No
54	GOM_TRA_1PNPDE20101226_032431_000000413097_00420_46124_9390.N1	26-DEC-2010 03:24:31	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	46124	No
55	GOM_TRA_1PNPDE20101226_032657_000000583097_00420_46124_9391.N1	26-DEC-2010 03:26:57	Straylight	57.500	15	67Alp Vir	0.97600	28000.	115	46124	No
56	GOM_TRA_1PNPDE20101226_033112_000000523097_00420_46124_9392.N1	26-DEC-2010 03:31:12	Dark	51.500	54	5The Cen	2.0550	4500.0	103	46124	No
57	GOM_TRA_1PNPDE20101226_033316_000000453097_00420_46124_9393.N1	26-DEC-2010 03:33:16	Dark	44.500	123	lot Cen	2.7500	10200.	89	46124	No
58	GOM_TRA_1PNPDE20101226_033716_000000433097_00421_46125_9394.N1	26-DEC-2010 03:37:16	Dark	42.500	64	Gam Cen	2.2000	10600.	85	46125	No
59	GOM_TRA_1PNPDE20101226_034315_000000473097_00421_46125_9395.N1	26-DEC-2010 03:43:15	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46125	No
60	GOM_TRA_1PNPDE20101226_034617_000000433097_00421_46125_9396.N1	26-DEC-2010 03:46:17	Dark	42.500	71	lot Car	2.2460	7700.0	85	46125	No
61	GOM_TRA_1PNPDE20101226_034800_000000553097_00421_46125_9397.N1	26-DEC-2010 03:48:00	Dark	54.500	41	Eps Car	1.8600	4100.0	109	46125	No
62	GOM_TRA_1PNPDE20101226_035102_000000463097_00421_46125_9398.N1	26-DEC-2010 03:51:02	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	46125	No
63	GOM_TRA_1PNPDE20101226_035313_000000493097_00421_46125_9399.N1	26-DEC-2010 03:53:13	Dark	49.000	70	Zet Pup	2.2460	39000.	98	46125	No
64	GOM_TRA_1PNPDE20101226_035530_000000513097_00421_46125_9400.N1	26-DEC-2010 03:55:30	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	46125	No
65	GOM_TRA_1PNPDE20101226_035826_000000523097_00421_46125_9401.N1	26-DEC-2010 03:58:26	Straylight	51.500	23	21Eps CMa	1.5020	26000.	103	46125	No
66	GOM_TRA_1PNPDE20101226_040003_000000513097_00421_46125_9402.N1	26-DEC-2010 04:00:03	Straylight	50.500	179	24Omi2CMa	3.0320	24000.	101	46125	No
67	GOM_TRA_1PNPDE20101226_040240_000000553097_00421_46125_9403.N1	26-DEC-2010 04:02:40	Straylight	55.000	1	9Alp CMa	-1.4400	11000.	110	46125	No
68	GOM_TRA_1PNPDE20101226_040513_000000433097_00421_46125_9404.N1	26-DEC-2010 04:05:13	Straylight	42.500	56	53Kap Ori	2.0650	30000.	85	46125	No



69	GOM_TRA_1PNPDE20101226_040747_000000483097_00421_46125_9405.N1	26-DEC-2010 04:07:47	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	46125	No
70	GOM_TRA_1PNPDE20101226_041028_000000593097_00421_46125_9406.N1	26-DEC-2010 04:10:28	Twilight_stray	59.000	14	58Alp Ori	0.87000	3000.0	118	46125	No
71	GOM_TRA_1PNPDE20101226_041429_000000403097_00421_46125_9407.N1	26-DEC-2010 04:14:29	Bright	39.500	176	23Zet Tau	3.0200	22000.	79	46125	No
72	GOM_TRA_1PNPDE20101226_041634_000000413097_00421_46125_9408.N1	26-DEC-2010 04:16:34	Bright	41.000	28	12Bet Tau	1.6500	15200.	82	46125	No
73	GOM_TRA_1PNPDE20101226_041938_000000413097_00421_46125_9409.N1	26-DEC-2010 04:19:38	Bright	40.500	107	37The Aur	2.6490	11000.	81	46125	No
74	GOM_TRA_1PNPDE20101226_042129_000000453097_00421_46125_9410.N1	26-DEC-2010 04:21:29	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	46125	No
75	GOM_TRA_1PNPDE20101226_043800_000000393097_00421_46125_9404.N1	26-DEC-2010 04:38:00	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46125	No
76	GOM_TRA_1PNPDE20101226_044202_000000433097_00421_46125_9405.N1	26-DEC-2010 04:42:02	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	46125	No
77	GOM_TRA_1PNPDE20101226_044502_000000633097_00421_46125_9406.N1	26-DEC-2010 04:45:02	Bright	63.000	39	85Eta UMa	1.8540	24000.	126	46125	No
78	GOM_TRA_1PNPDE20101226_044848_000000593097_00421_46125_9407.N1	26-DEC-2010 04:48:48	Bright	59.000	180	27Gam Boo	3.0400	8000.0	118	46125	No
79	GOM_TRA_1PNPDE20101226_045216_000000583097_00421_46125_9408.N1	26-DEC-2010 04:52:16	Bright	58.000	83		2.3780	11000.	116	46125	No
80	GOM_TRA_1PNPDE20101226_045601_000000463097_00421_46125_9409.N1	26-DEC-2010 04:56:01	Bright	46.000	111	8Eta Boo	2.6800	6000.0	92	46125	No
81	GOM_TRA_1PNPDE20101226_050446_000000463097_00421_46125_9410.N1	26-DEC-2010 05:04:46	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	46125	No
82	GOM_TRA_1PNPDE20101226_050712_000000613097_00421_46125_9411.N1	26-DEC-2010 05:07:12	Straylight	61.000	15	67Alp Vir	0.97600	28000.	122	46125	No
83	GOM_TRA_1PNPDE20101226_051127_000000433097_00421_46125_9412.N1	26-DEC-2010 05:11:27	Dark	43.000	54	5The Cen	2.0550	4500.0	86	46125	No
84	GOM_TRA_1PNPDE20101226_051331_000000433097_00421_46125_9413.N1	26-DEC-2010 05:13:31	Dark	42.500	123	lot Cen	2.7500	10200.	85	46125	No
85	GOM_TRA_1PNPDE20101226_051731_000000453097_00422_46126_9414.N1	26-DEC-2010 05:17:31	Dark	45.000	64	Gam Cen	2.2000	10600.	90	46126	No
86	GOM_TRA_1PNPDE20101226_052330_000000473097_00422_46126_9415.N1	26-DEC-2010 05:23:30	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46126	No
87	GOM_TRA_1PNPDE20101226_052632_000000423097_00422_46126_9416.N1	26-DEC-2010 05:26:32	Dark	42.000	71	lot Car	2.2460	7700.0	84	46126	No
88	GOM_TRA_1PNPDE20101226_052814_000000453097_00422_46126_9417.N1	26-DEC-2010 05:28:14	Dark	45.000	41	Eps Car	1.8600	4100.0	90	46126	No
89	GOM_TRA_1PNPDE20101226_053117_000000463097_00422_46126_9418.N1	26-DEC-2010 05:31:17	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	46126	No
90	GOM_TRA_1PNPDE20101226_053328_000000463097_00422_46126_9419.N1	26-DEC-2010 05:33:28	Dark	46.000	70	Zet Pup	2.2460	39000.	92	46126	No
91	GOM_TRA_1PNPDE20101226_053545_000000503097_00422_46126_9420.N1	26-DEC-2010 05:35:45	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	46126	No
92	GOM_TRA_1PNPDE20101226_053841_000000483097_00422_46126_9421.N1	26-DEC-2010 05:38:41	Straylight	48.000	23	21Eps CMa	1.5020	26000.	96	46126	No
93	GOM_TRA_1PNPDE20101226_054017_000000483097_00422_46126_9422.N1	26-DEC-2010 05:40:17	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	46126	No
94	GOM_TRA_1PNPDE20101226_054255_000000573097_00422_46126_9423.N1	26-DEC-2010 05:42:55	Straylight	56.500	1	9Alp CMa	-1.4400	11000.	113	46126	No
95	GOM_TRA_1PNPDE20101226_054527_000000453097_00422_46126_9424.N1	26-DEC-2010 05:45:27	Straylight	44.500	56	53Kap Ori	2.0650	30000.	89	46126	No
96	GOM_TRA_1PNPDE20101226_054801_000000463097_00422_46126_9425.N1	26-DEC-2010 05:48:01	Straylight	45.500	30	46Eps Ori	1.6940	30000.	91	46126	No
97	GOM_TRA_1PNPDE20101226_055042_000000593097_00422_46126_9426.N1	26-DEC-2010 05:50:42	Twilight_stray	59.000	14	58Alp Ori	0.87000	3000.0	118	46126	No
98	GOM_TRA_1PNPDE20101226_055423_000000563097_00422_46126_9427.N1	26-DEC-2010 05:54:23	Bright	56.000	44	24Gam Gem	1.9280	11000.	112	46126	No
99	GOM_TRA_1PNPDE20101226_055648_000000393097_00422_46126_9428.N1	26-DEC-2010 05:56:48	Bright	38.500	28	12Bet Tau	1.6500	15200.	77	46126	No
100	GOM_TRA_1PNPDE20101226_055952_000000413097_00422_46126_9429.N1	26-DEC-2010 05:59:52	Bright	41.000	107	37The Aur	2.6490	11000.	82	46126	No
101	GOM_TRA_1PNPDE20101226_060142_000000443097_00422_46126_9430.N1	26-DEC-2010 06:01:42	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	46126	No
102	GOM_TRA_1PNPDE20101226_061814_000000133097_00422_46126_9431.N1	26-DEC-2010 06:18:14	Twilight_stray	13.000	60	7Bet UMi	2.0810	3950.0	26	46126	No
103	GOM_TRA_1PNPDE20101226_220559_000000473098_00001_46136_9517.N1	26-DEC-2010 22:05:59	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46136	No
104	GOM_TRA_1PNPDE20101226_220858_000000423098_00001_46136_9518.N1	26-DEC-2010 22:08:58	Dark	42.000	71	lot Car	2.2460	7700.0	84	46136	No
105	GOM_TRA_1PNPDE20101226_221039_000000423098_00001_46136_9519.N1	26-DEC-2010 22:10:39	Dark	42.000	41	Eps Car	1.8600	4100.0	84	46136	No
106	GOM_TRA_1PNPDE20101226_221343_000000493098_00001_46136_9520.N1	26-DEC-2010 22:13:43	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	46136	No
107	GOM_TRA_1PNPDE20101226_221554_000000493098_00001_46136_9521.N1	26-DEC-2010 22:15:54	Dark	49.000	70	Zet Pup	2.2460	39000.	98	46136	No
108	GOM_TRA_1PNPDE20101226_221809_000000523098_00001_46136_9522.N1	26-DEC-2010 22:18:09	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	46136	No
109	GOM_TRA_1PNPDE20101226_222104_000000493098_00001_46136_9523.N1	26-DEC-2010 22:21:04	Straylight	49.000	23	21Eps CMa	1.5020	26000.	98	46136	No
110	GOM_TRA_1PNPDE20101226_222240_000000483098_00001_46136_9524.N1	26-DEC-2010 22:22:40	Straylight	48.000	179	24Omi2CMa	3.0320	24000.	96	46136	No
111	GOM_TRA_1PNPDE20101226_222516_000000623098_00001_46136_9525.N1	26-DEC-2010 22:25:16	Straylight	61.500	1	9Alp CMa	-1.4400	11000.	123	46136	No
112	GOM_TRA_1PNPDE20101226_222748_000000453098_00001_46136_9526.N1	26-DEC-2010 22:27:48	Straylight	45.000	56	53Kap Ori	2.0650	30000.	90	46136	No
113	GOM_TRA_1PNPDE20101226_223022_000000463098_00001_46136_9527.N1	26-DEC-2010 22:30:22	Straylight	45.500	30	46Eps Ori	1.6940	30000.	91	46136	No
114	GOM_TRA_1PNPDE20101226_223301_000000563098_00001_46136_9528.N1	26-DEC-2010 22:33:01	Twilight_stray	56.000	14	58Alp Ori	0.87000	3000.0	112	46136	No
115	GOM_TRA_1PNPDE20101226_223639_000000543098_00001_46136_9529.N1	26-DEC-2010 22:36:39	Bright	54.000	44	24Gam Gem	1.9280	11000.	108	46136	No
116	GOM_TRA_1PNPDE20101226_223906_000000403098_00001_46136_9530.N1	26-DEC-2010 22:39:06	Bright	39.500	28	12Bet Tau	1.6500	15200.	79	46136	No
117	GOM_TRA_1PNPDE20101226_224209_000000403098_00001_46136_9531.N1	26-DEC-2010 22:42:09	Bright	40.000	107	37The Aur	2.6490	11000.	80	46136	No
118	GOM_TRA_1PNPDE20101226_224401_000000393098_00001_46136_9532.N1	26-DEC-2010 22:44:01	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	46136	No
119	GOM_TRA_1PNPDE20101226_225936_000000453098_00001_46136_9533.N1	26-DEC-2010 22:59:36	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	46136	No
120	GOM_TRA_1PNPDE20101226_230432_000000673098_00001_46136_9534.N1	26-DEC-2010 23:04:32	Bright	67.000	32	77Eps UMa	1.7630	11000.	134	46136	No
121	GOM_TRA_1PNPDE20101226_230735_000000453098_00001_46136_9535.N1	26-DEC-2010 23:07:35	Bright	45.000	39	85Eta UMa	1.8540	24000.	90	46136	No
122	GOM_TRA_1PNPDE20101226_231123_000000383098_00001_46136_9536.N1	26-DEC-2010 23:11:23	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	46136	No
123	GOM_TRA_1PNPDE20101226_231452_000000403098_00001_46136_9537.N1	26-DEC-2010 23:14:52	Bright	39.500	83		2.3780	11000.	79	46136	No
124	GOM_TRA_1PNPDE20101226_231840_000000713098_00001_46136_9538.N1	26-DEC-2010 23:18:40	Bright	71.000	111	8Eta Boo	2.6800	6000.0	142	46136	No
125	GOM_TRA_1PNPDE20101226_232725_000000433098_00001_46136_9539.N1	26-DEC-2010 23:27:25	Bright	43.000	122	9Alp2Lib	2.7470	9700.0	86	46136	No

### 3. Plot of GOMOS spectrometers and photometers temperatures from level 1b data



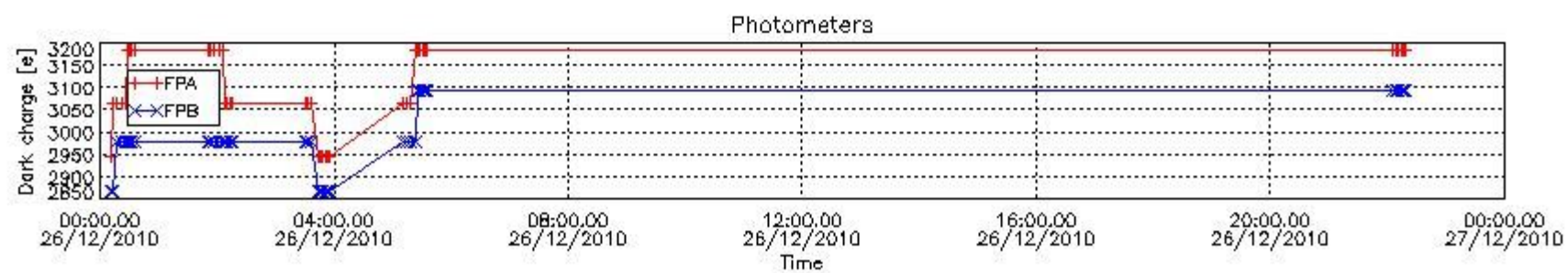
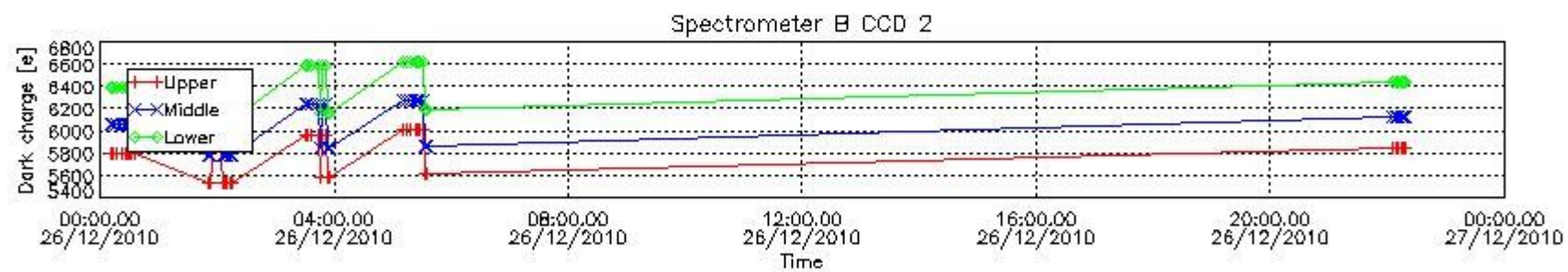
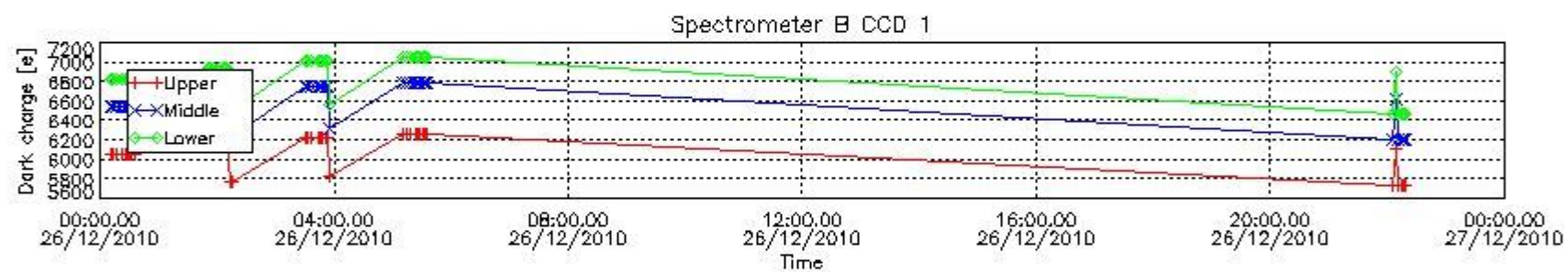
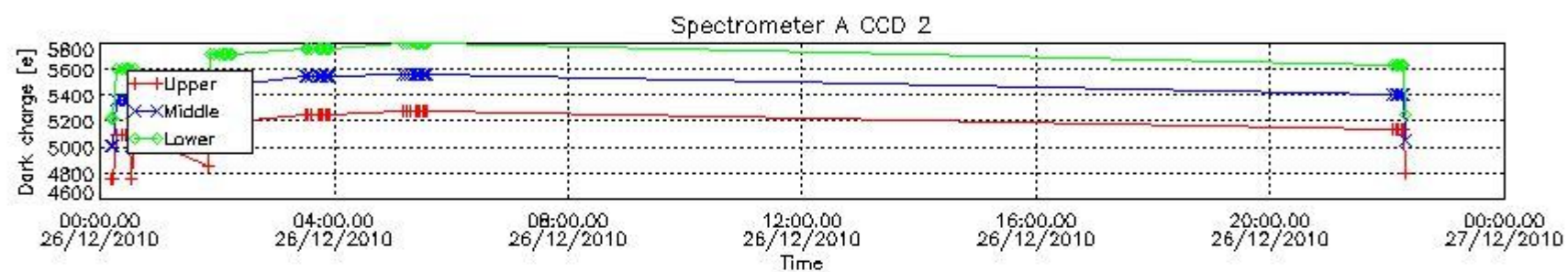
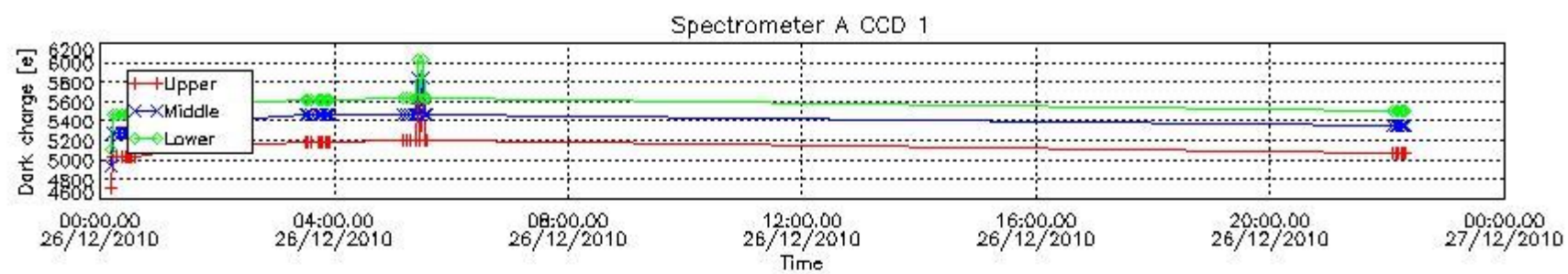
### 4. Overview of dark signal processing per product

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 All products used the DSA observation for the DC computation

#### 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

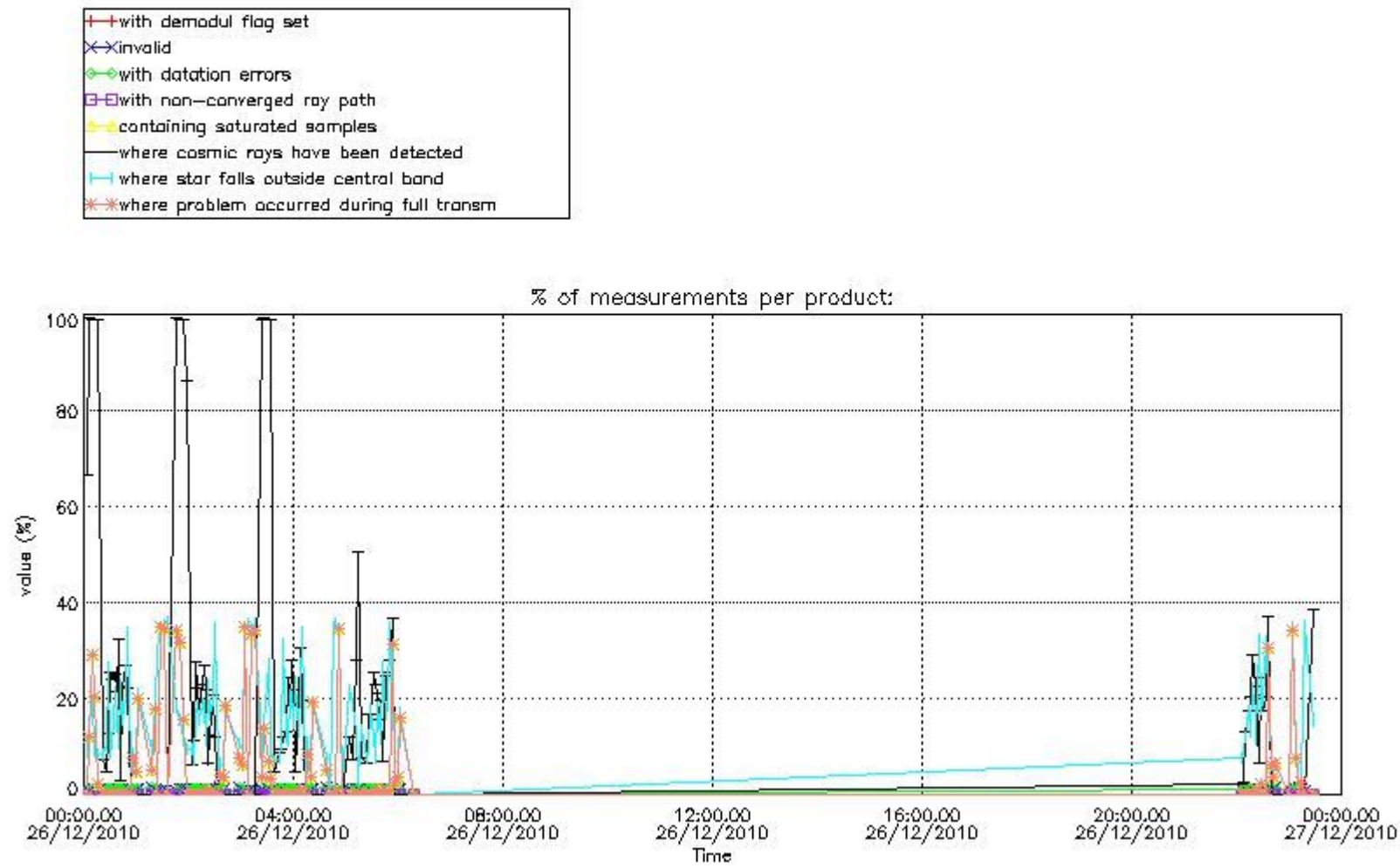
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

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

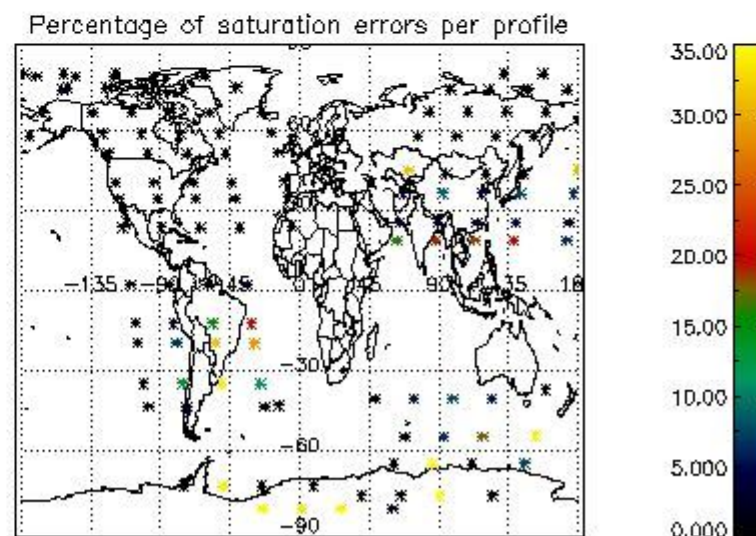
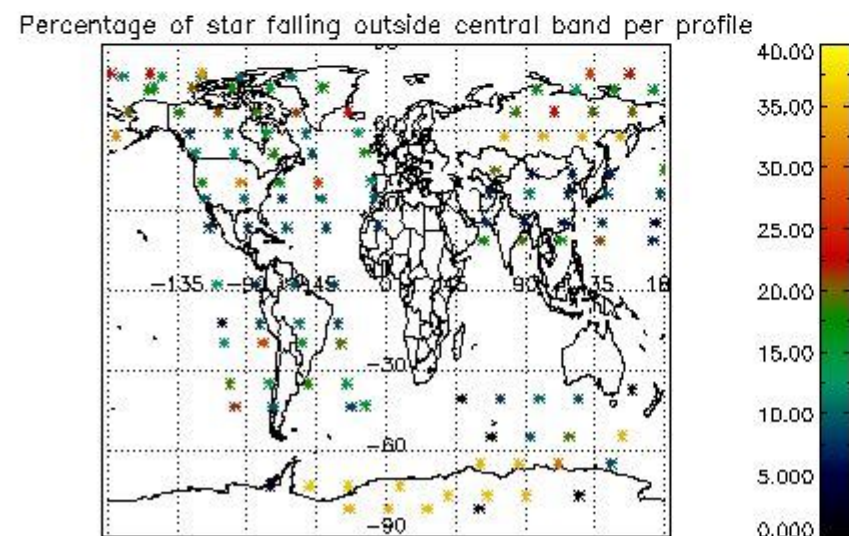
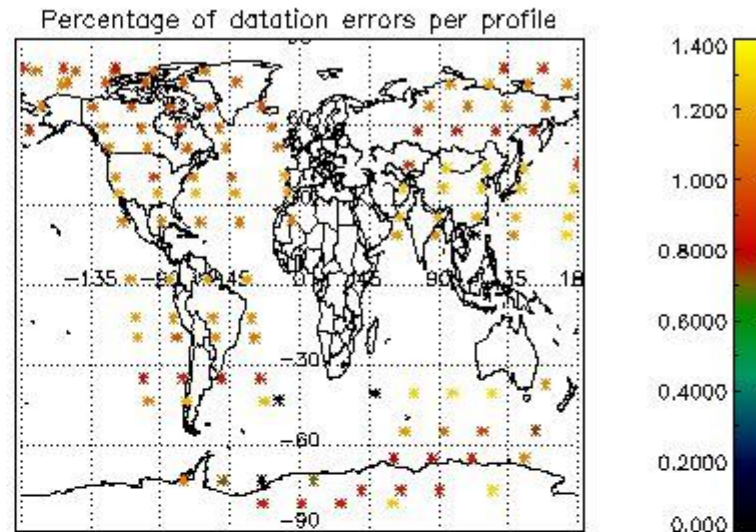
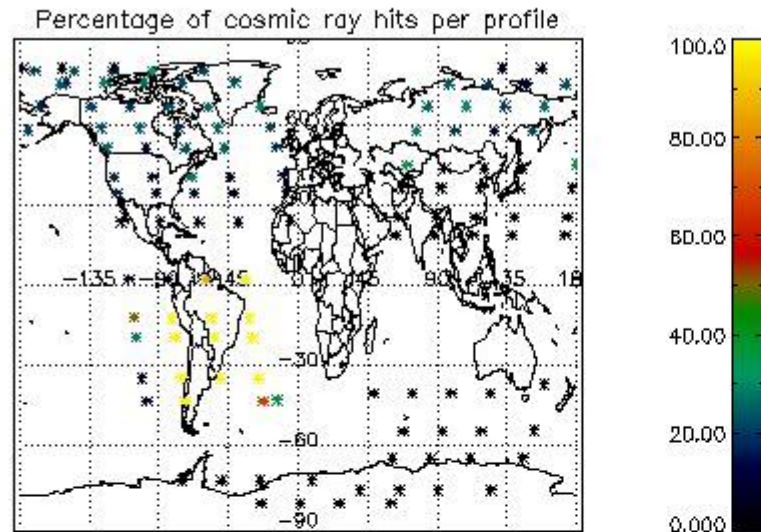


At least one measurement with demodulation flag set:	60.0000 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

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)

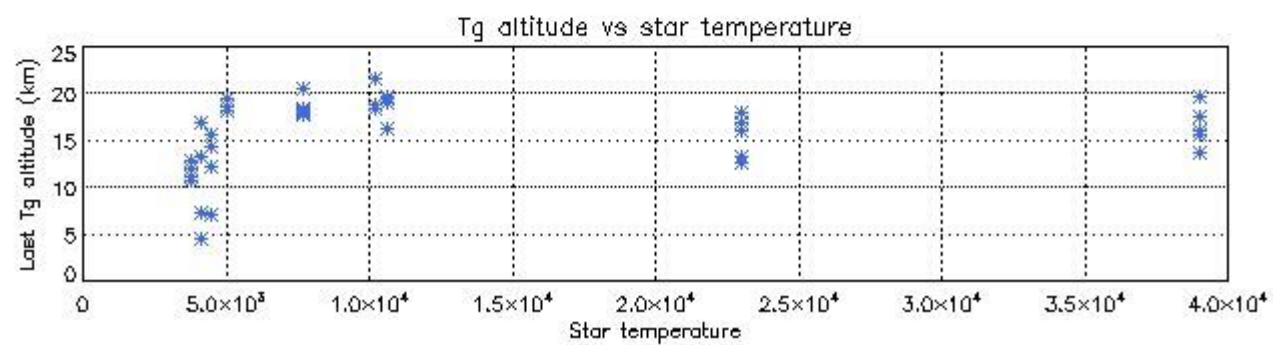
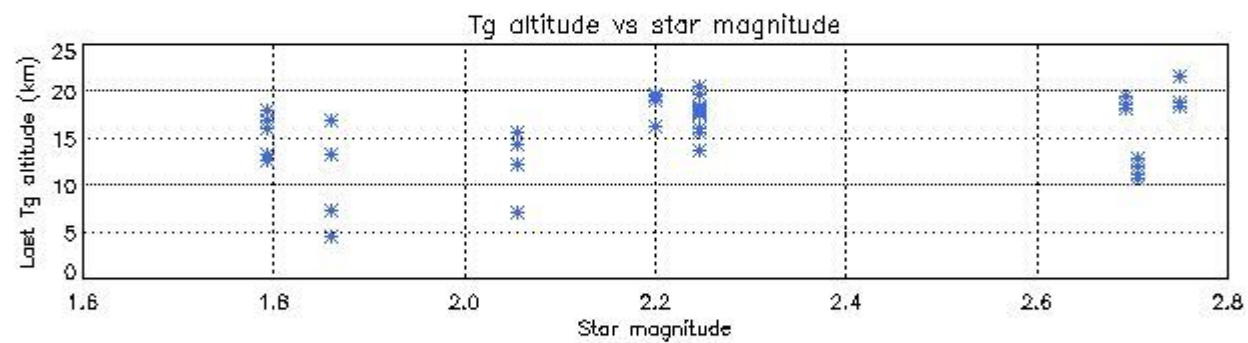
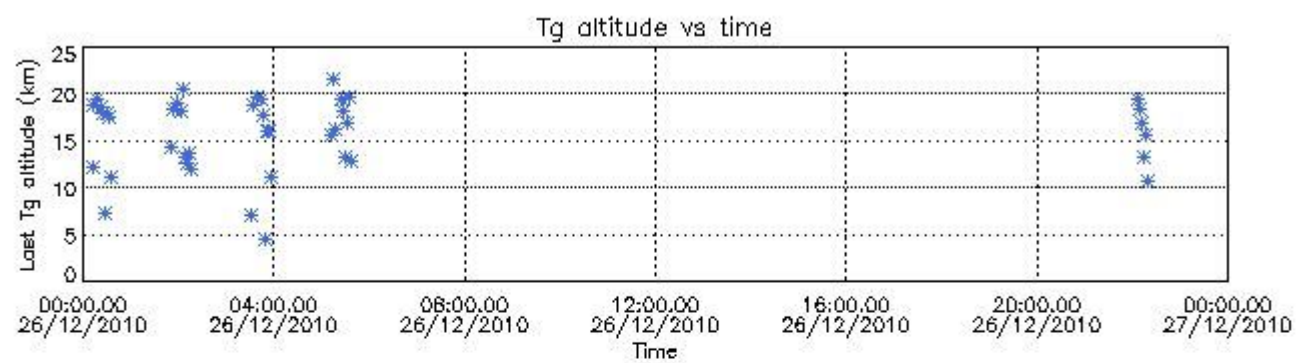
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.720	14.634	NaN
St. deviation:	3.9456	7.3028	NaN
Maximum:	21.660	26.935	NaN
Minimum:	4.5005	3.4106	NaN
Number of data:	42.000	48.000	NaN

### 6.2 Plot for DARK limb products

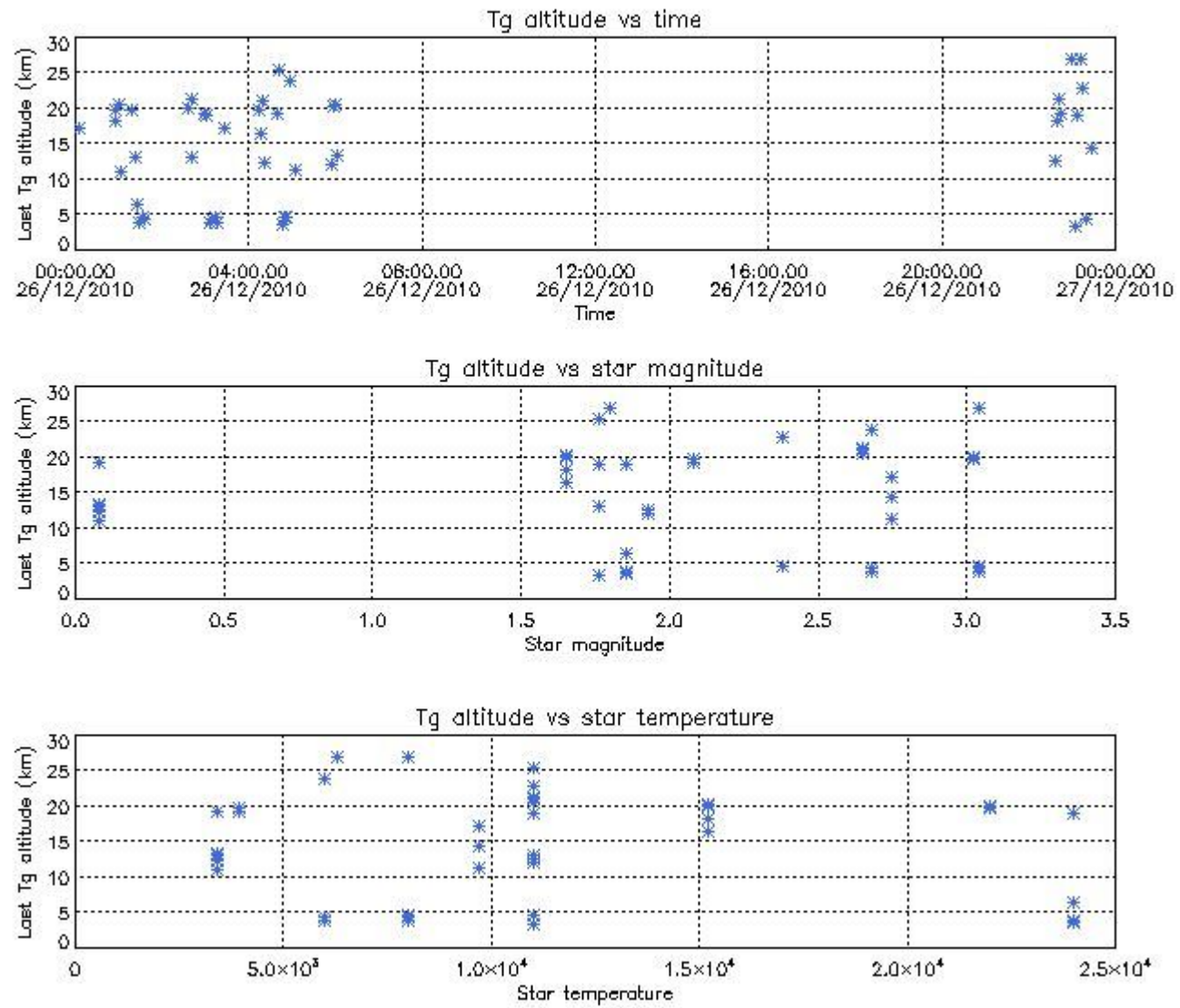


Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost

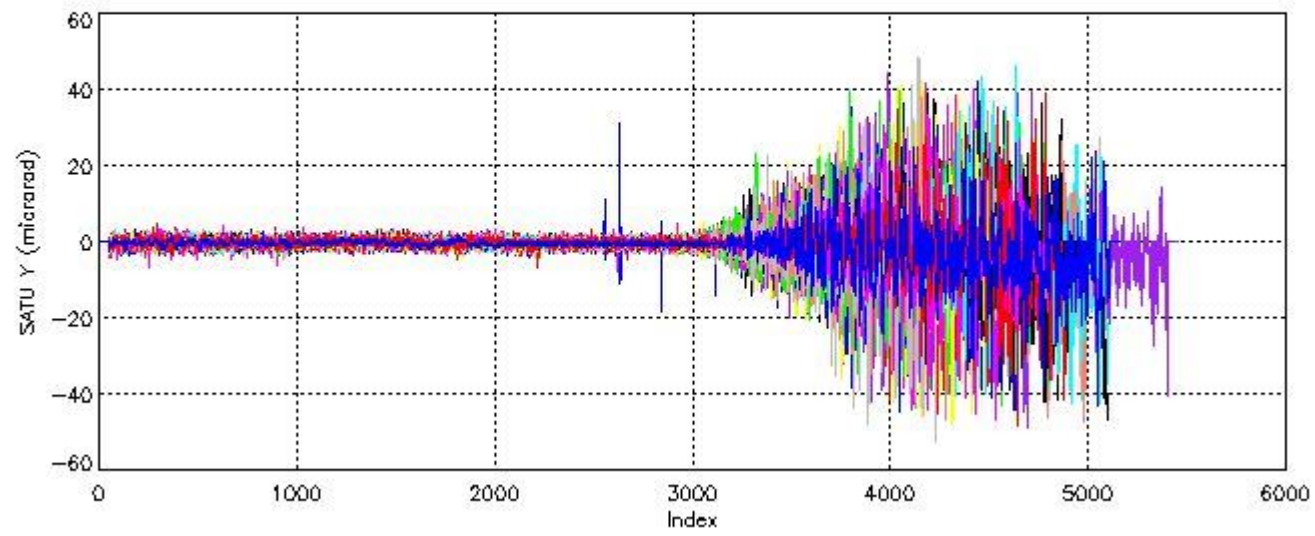
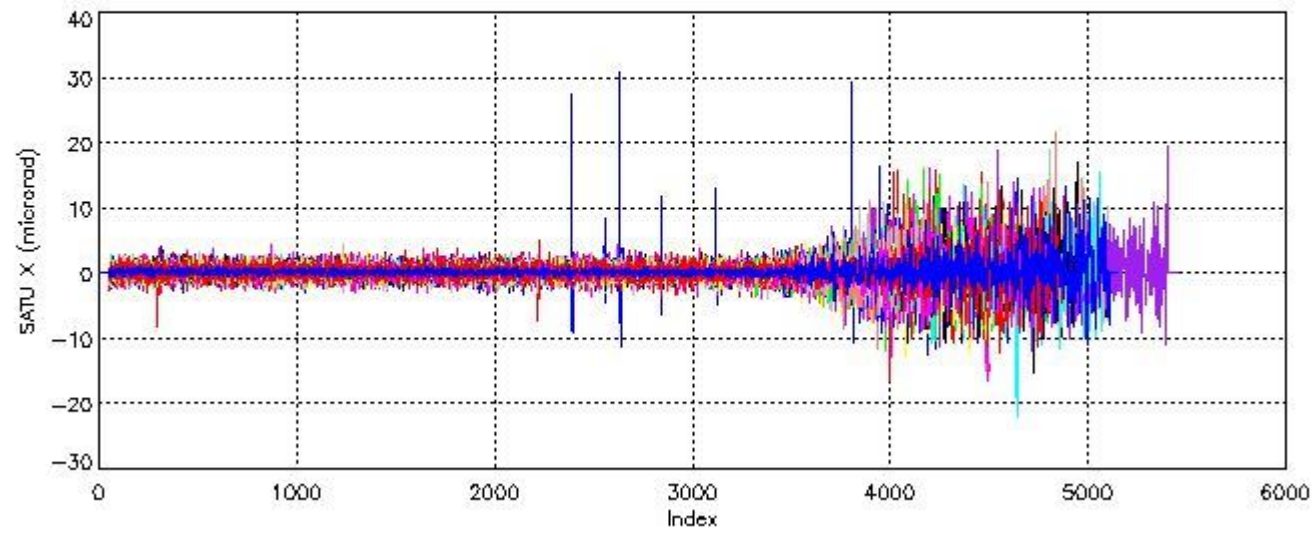


## 7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

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

### 7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.21914	-0.33371	0.15183	-0.26932
St. deviation:	0.54553	0.79408	0.78778	0.98635
Maximum:	4.3000	4.9000	6.2000	6.4000
Minimum:	-8.3000	-6.8000	-4.9000	-6.5000



Number of data:	43950.	43950.	46850.	46850.
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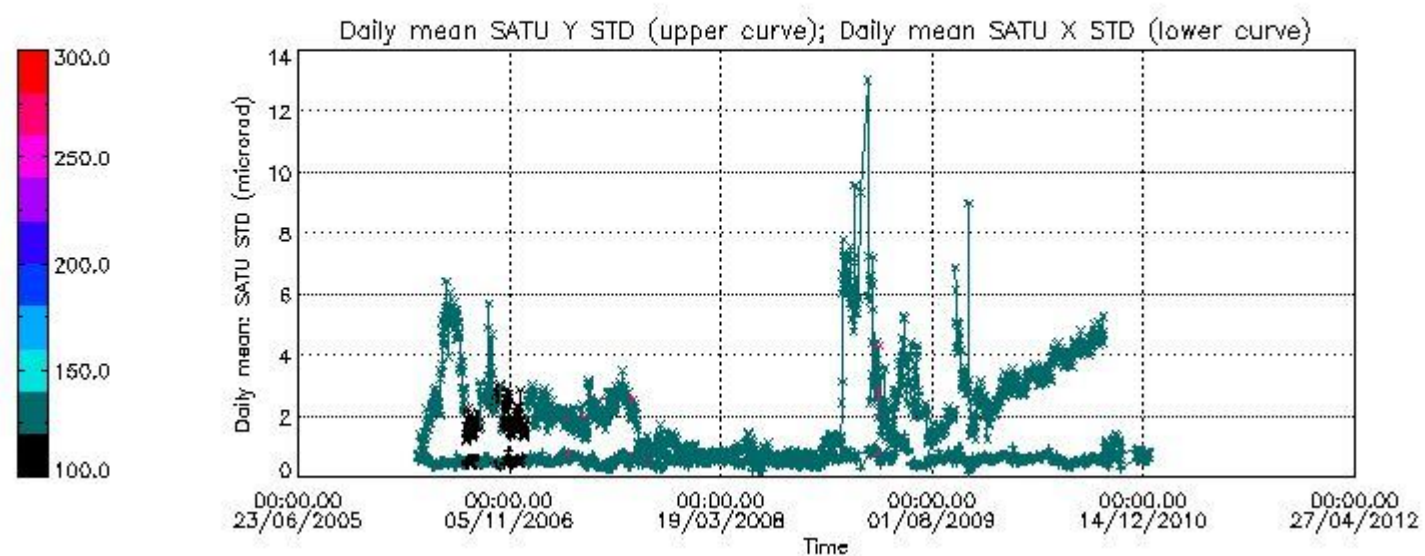
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

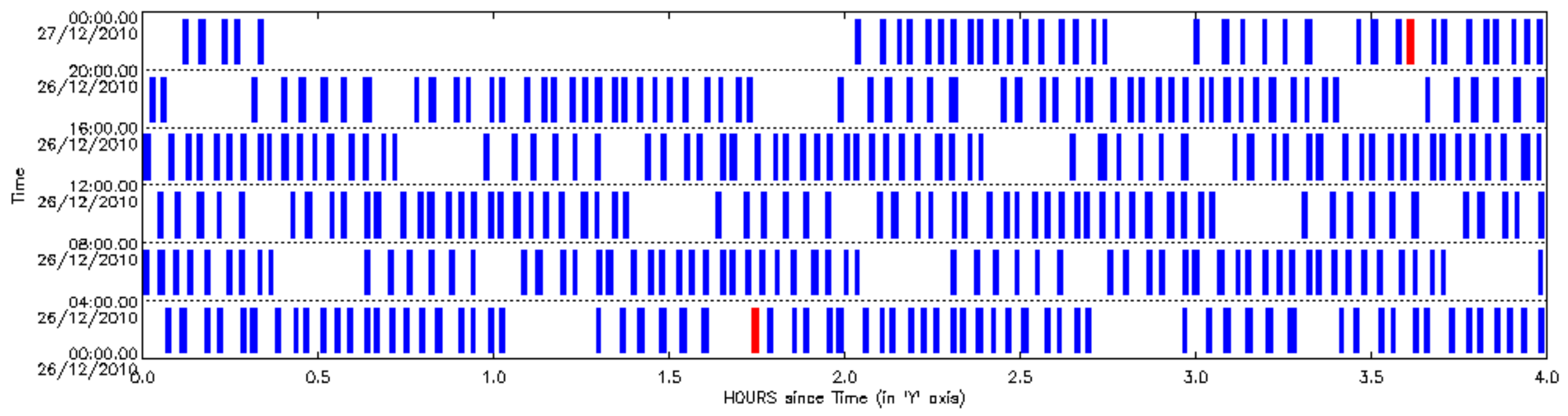
Lower curve: STD of SATU X axis

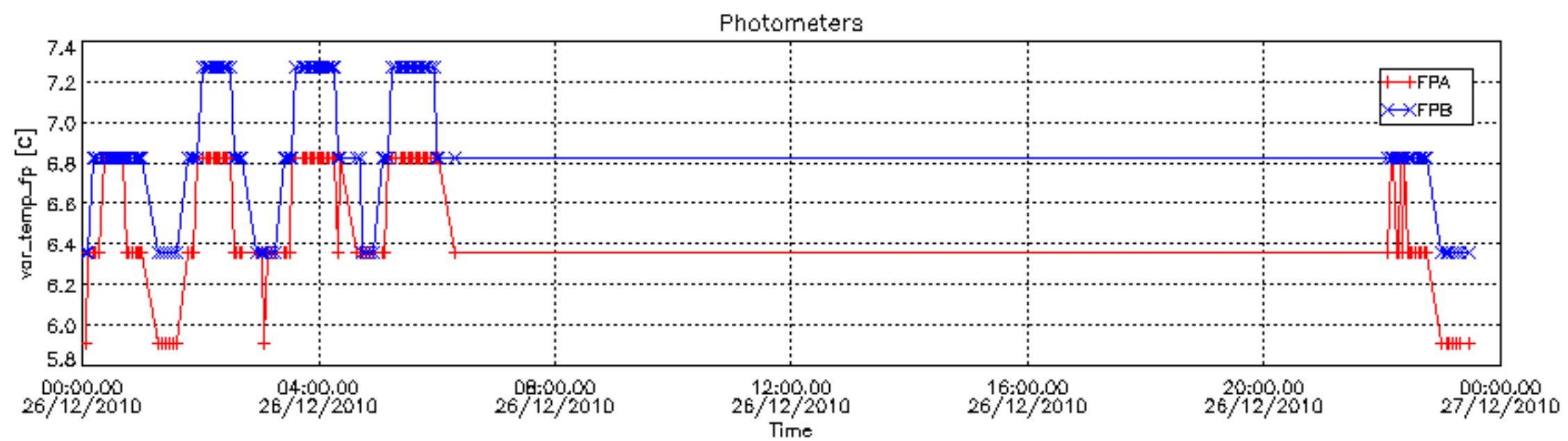
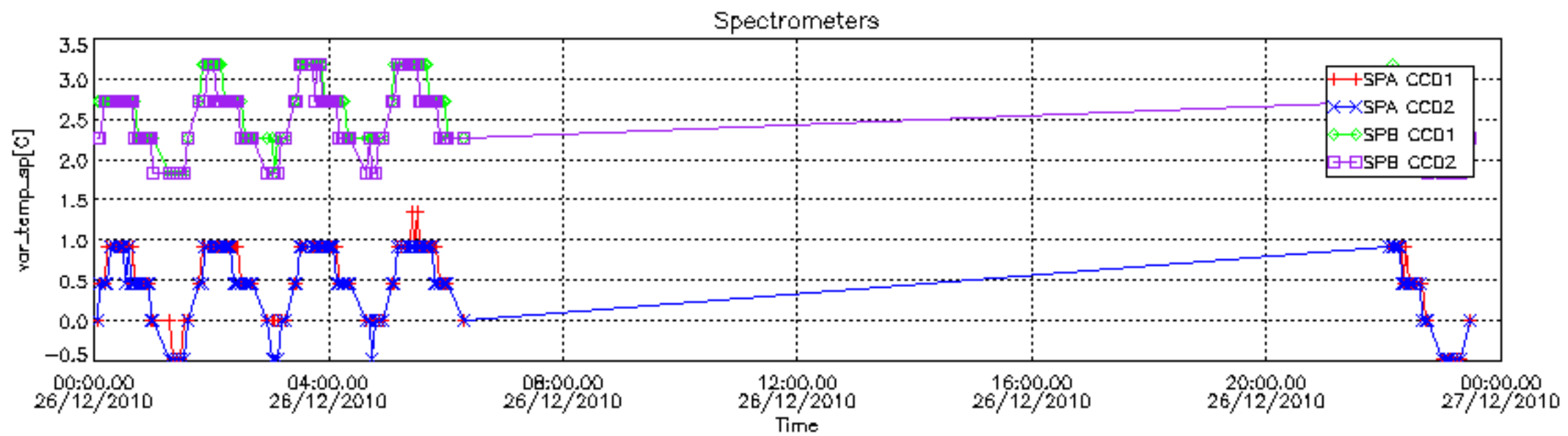


### 8. Auxiliary Data Files used for the production reported in section 2.4

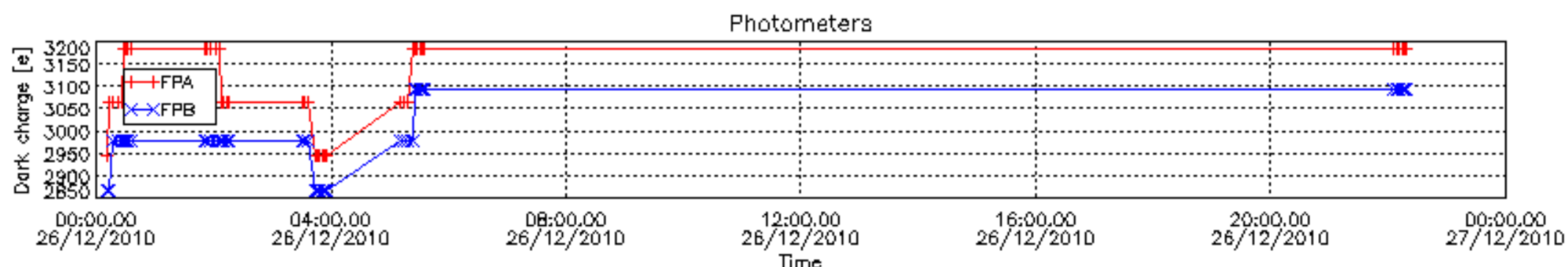
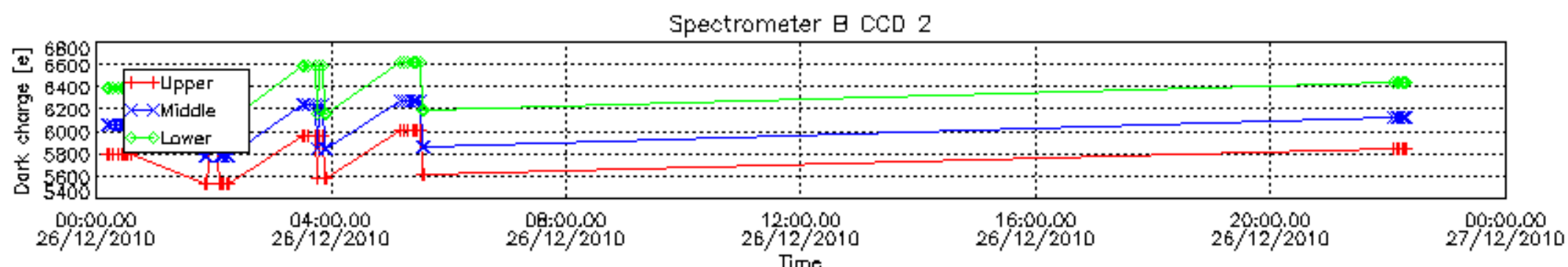
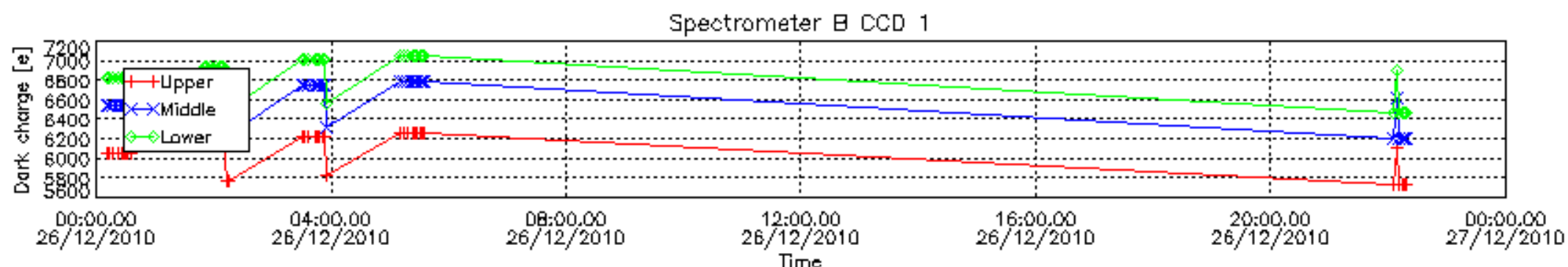
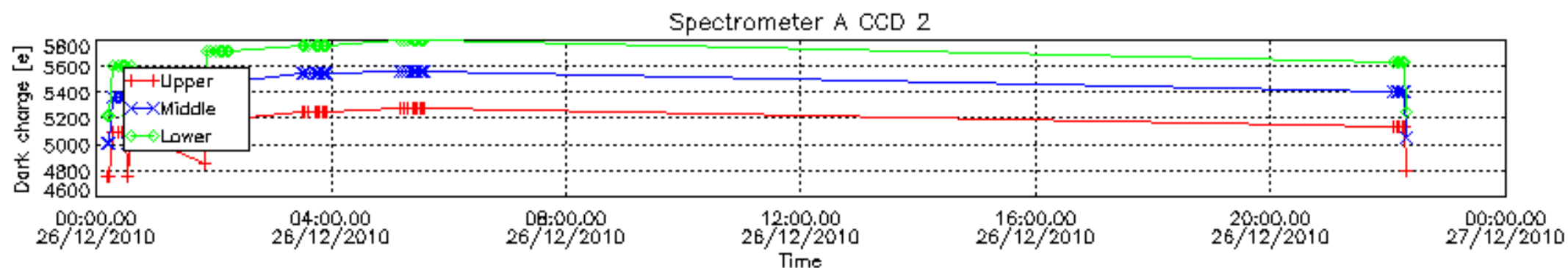
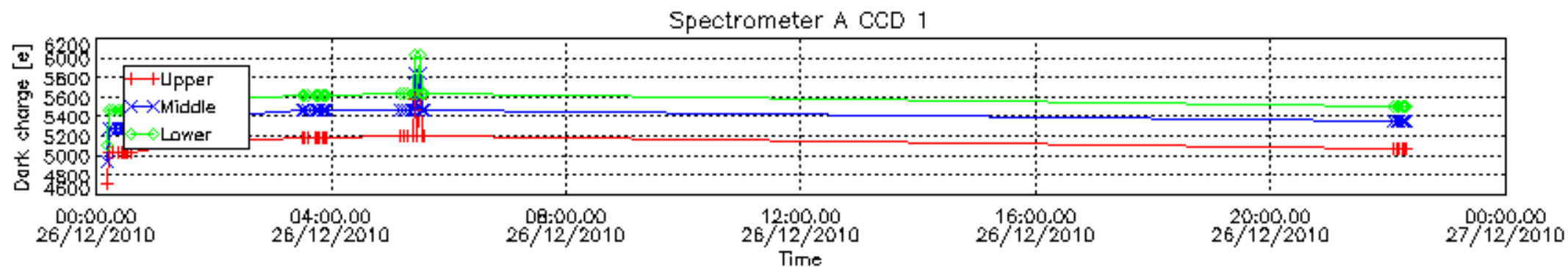
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

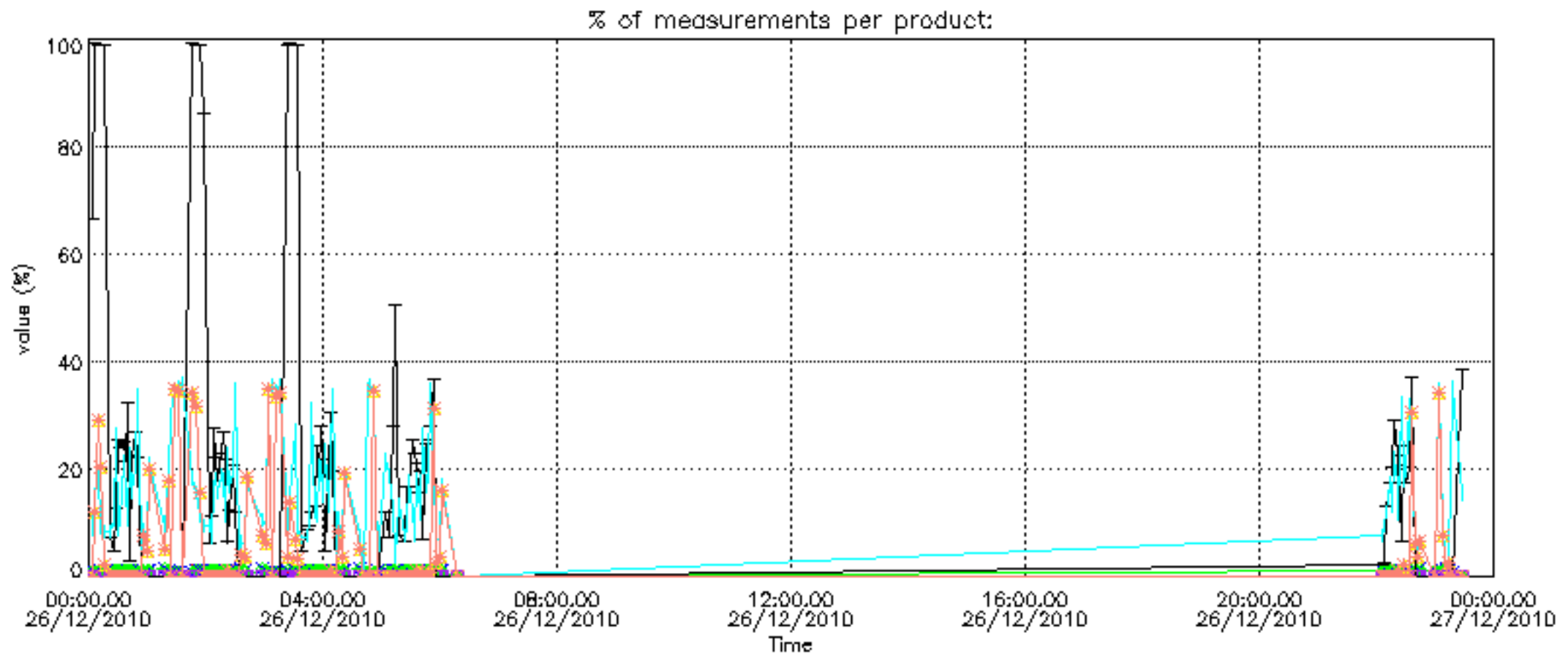
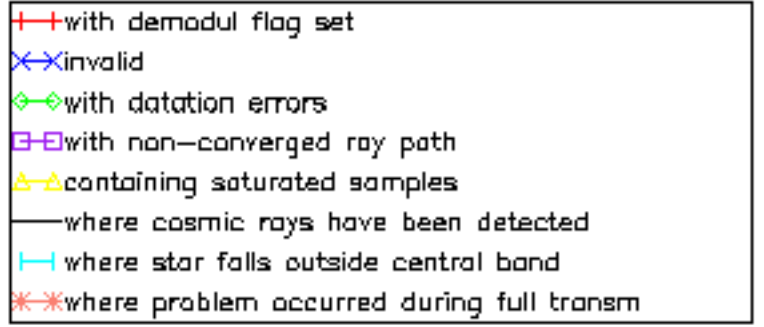
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	26-DEC-2010 00:04:02
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20101220_121136_20101219_000000_20500101_000000	1	26-DEC-2010 00:04:02
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	26-DEC-2010 00:04:02
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	26-DEC-2010 00:04:02
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	26-DEC-2010 00:04:02
ECMWF_FILE	AUX_ECF_AXNECM20101225_054115_20101225_210000_20101226_090000	1	26-DEC-2010 00:04:02
ECMWF_FILE	AUX_ECF_AXNECM20101225_172116_20101226_030000_20101226_150000	75	26-DEC-2010 04:38:00
ECMWF_FILE	AUX_ECF_AXNECM20101226_054114_20101226_210000_20101227_090000	103	26-DEC-2010 22:05:59
OPTIONAL_ECMWF_FILE	MISSING	1	26-DEC-2010 00:04:02
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101226_000121_000057383097_00418_46122_2203.N1	1	26-DEC-2010 00:04:02
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101226_013659_000041443097_00419_46123_2204.N1	28	26-DEC-2010 01:46:42
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101226_025122_000060573097_00420_46124_2205.N1	48	26-DEC-2010 02:57:46
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101226_043219_000057383097_00421_46125_2206.N1	75	26-DEC-2010 04:38:00
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101226_214304_000057383097_00431_46135_2208.N1	103	26-DEC-2010 22:05:59



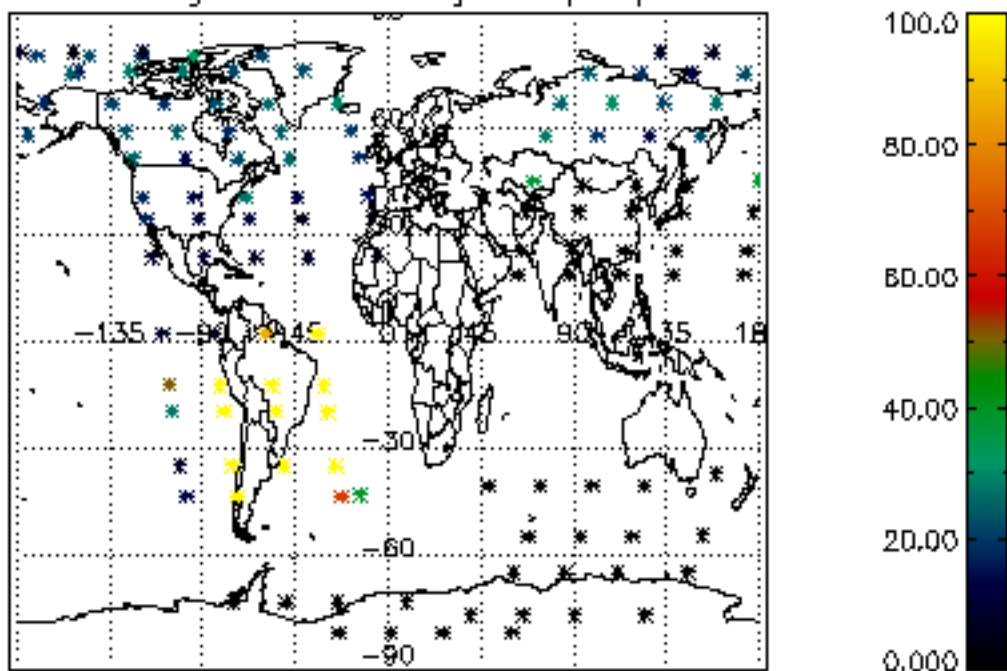




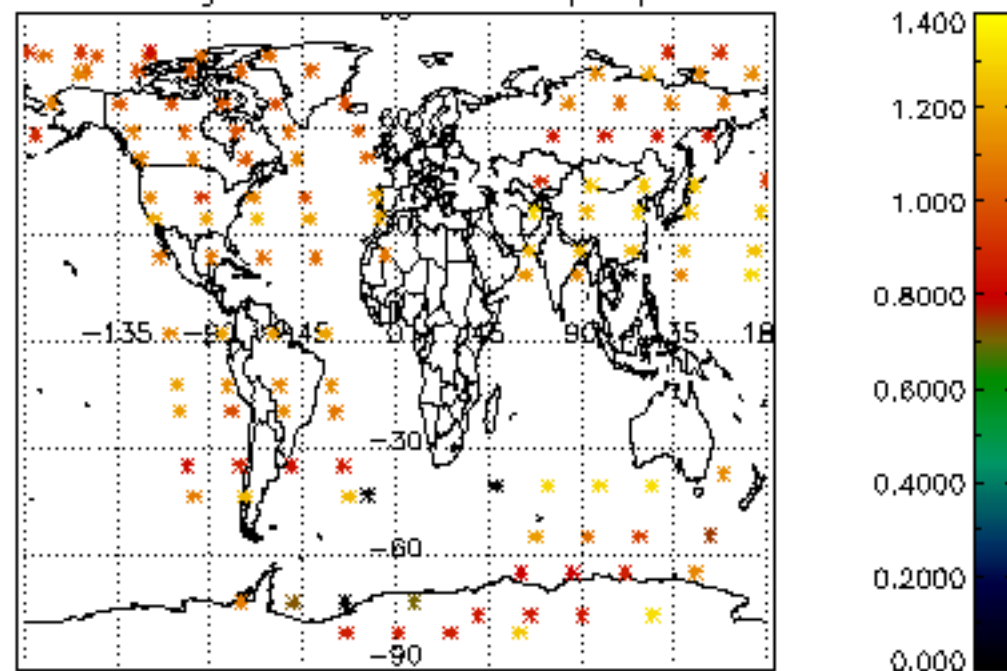




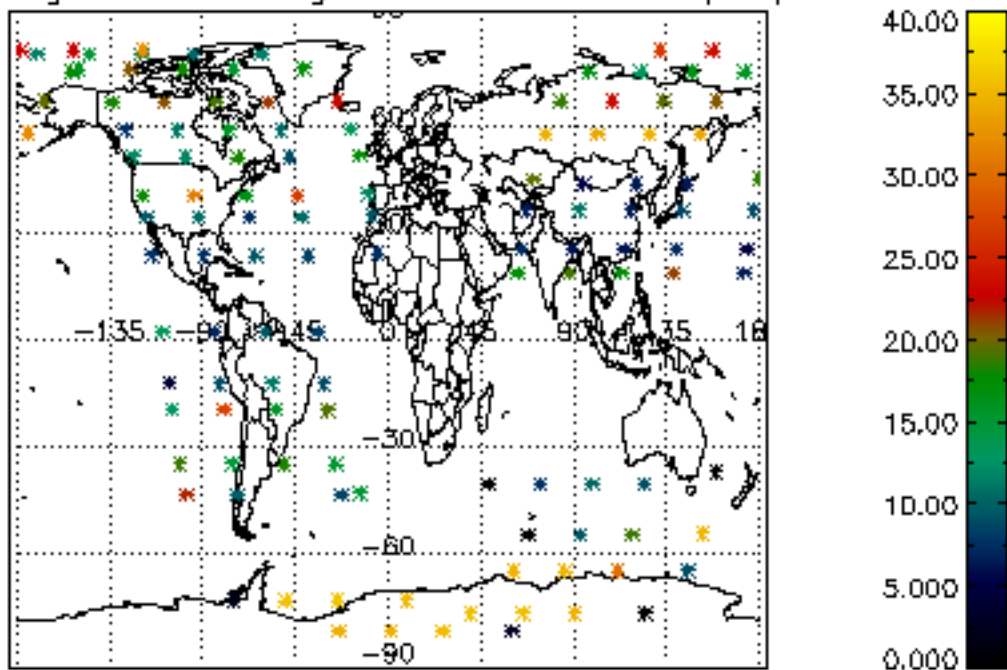
Percentage of cosmic ray hits per profile



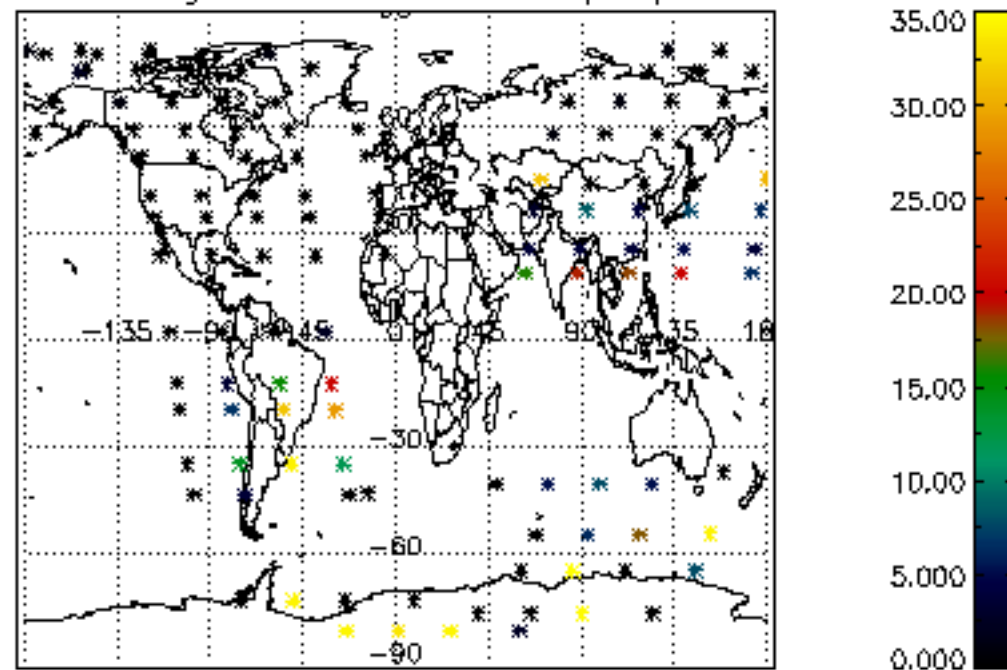
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

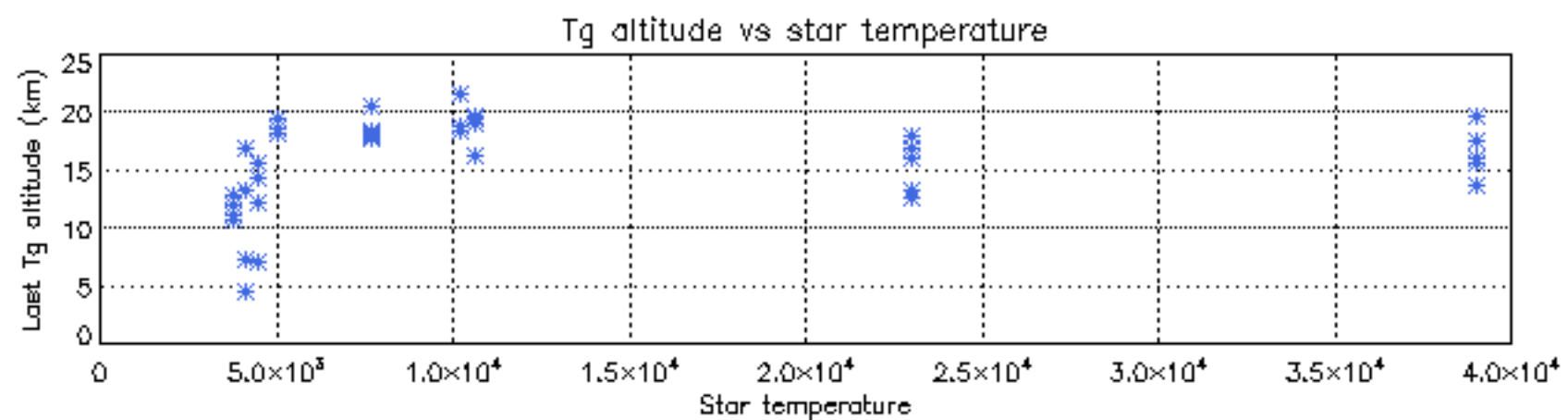
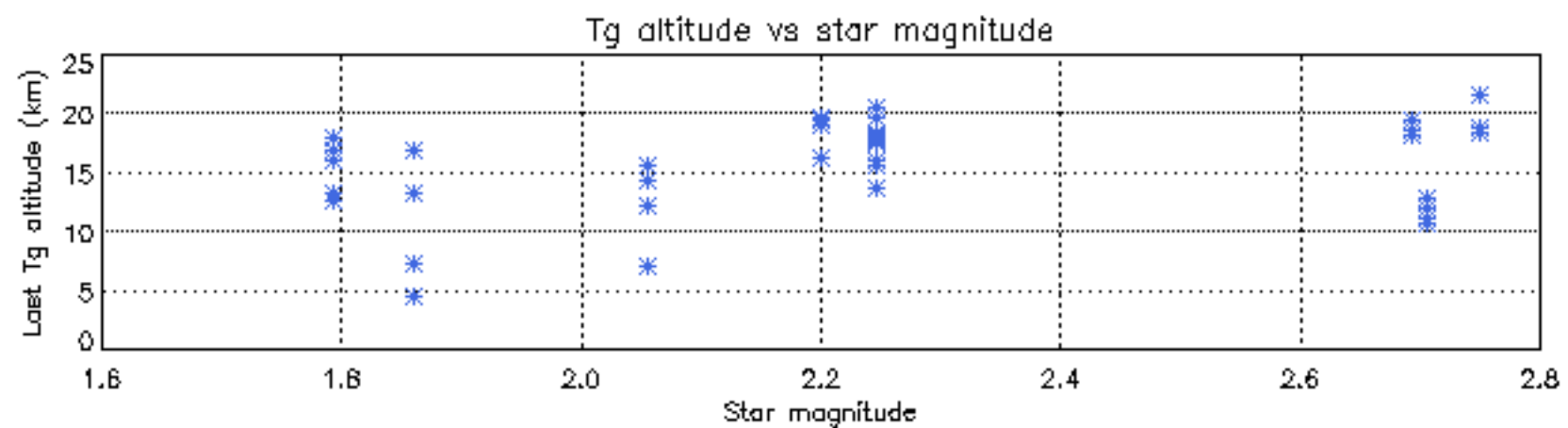
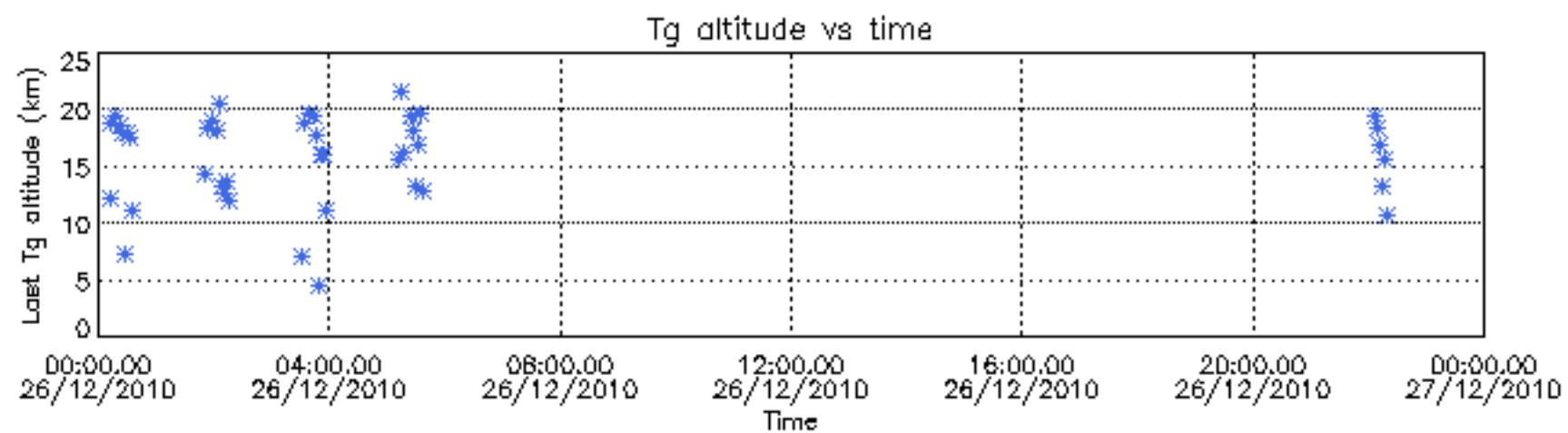


Percentage of saturation errors per profile

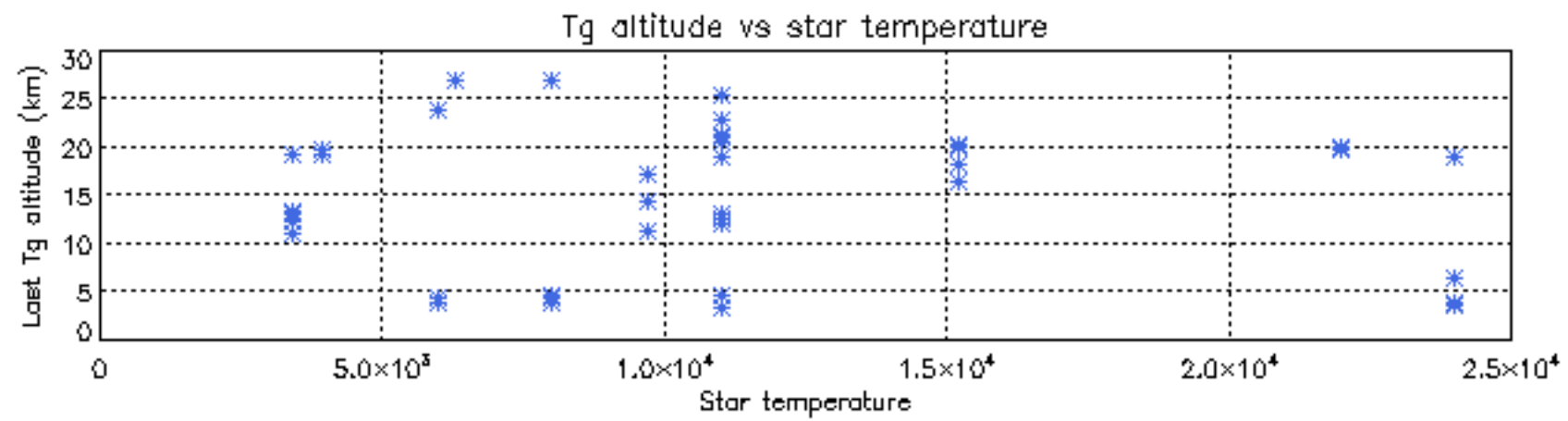
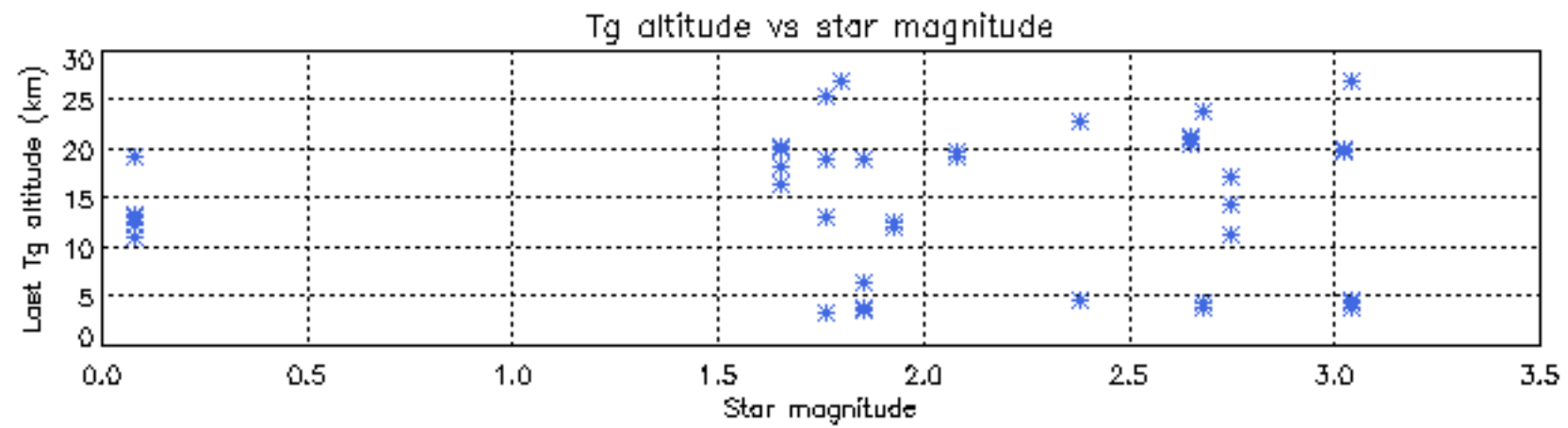
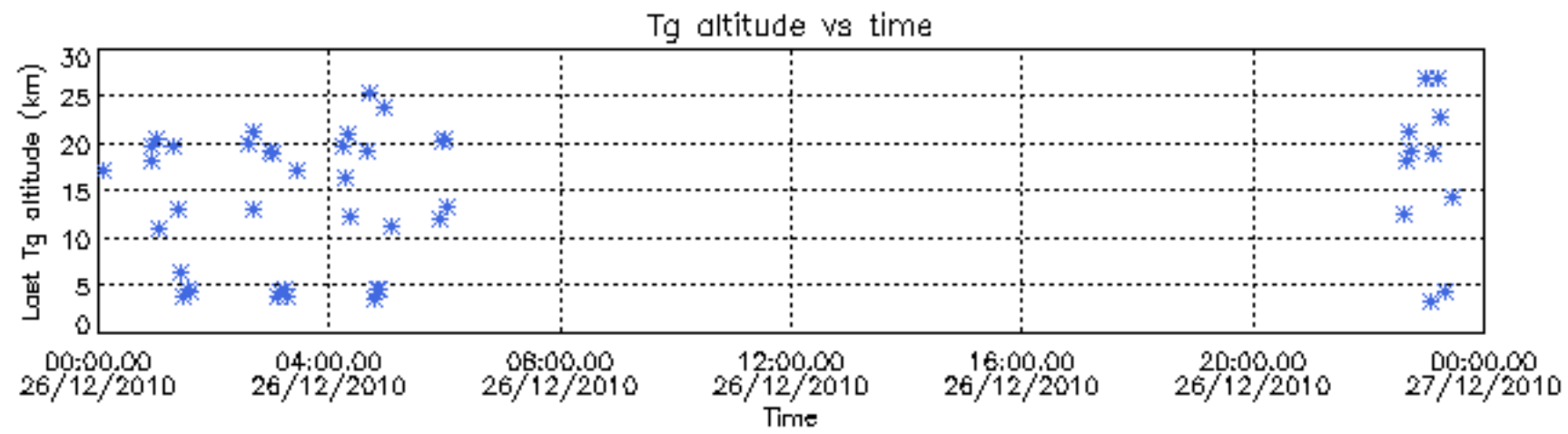


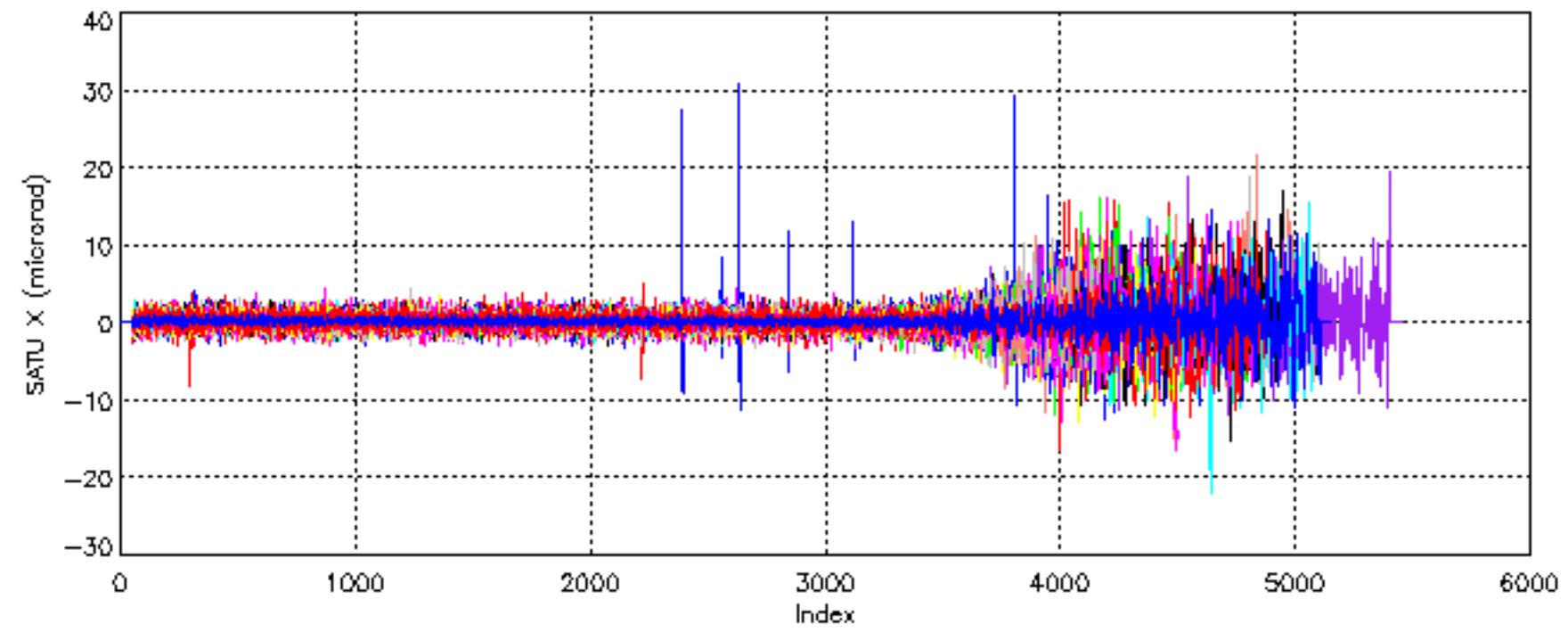


Tangent altitude at which the star is lost

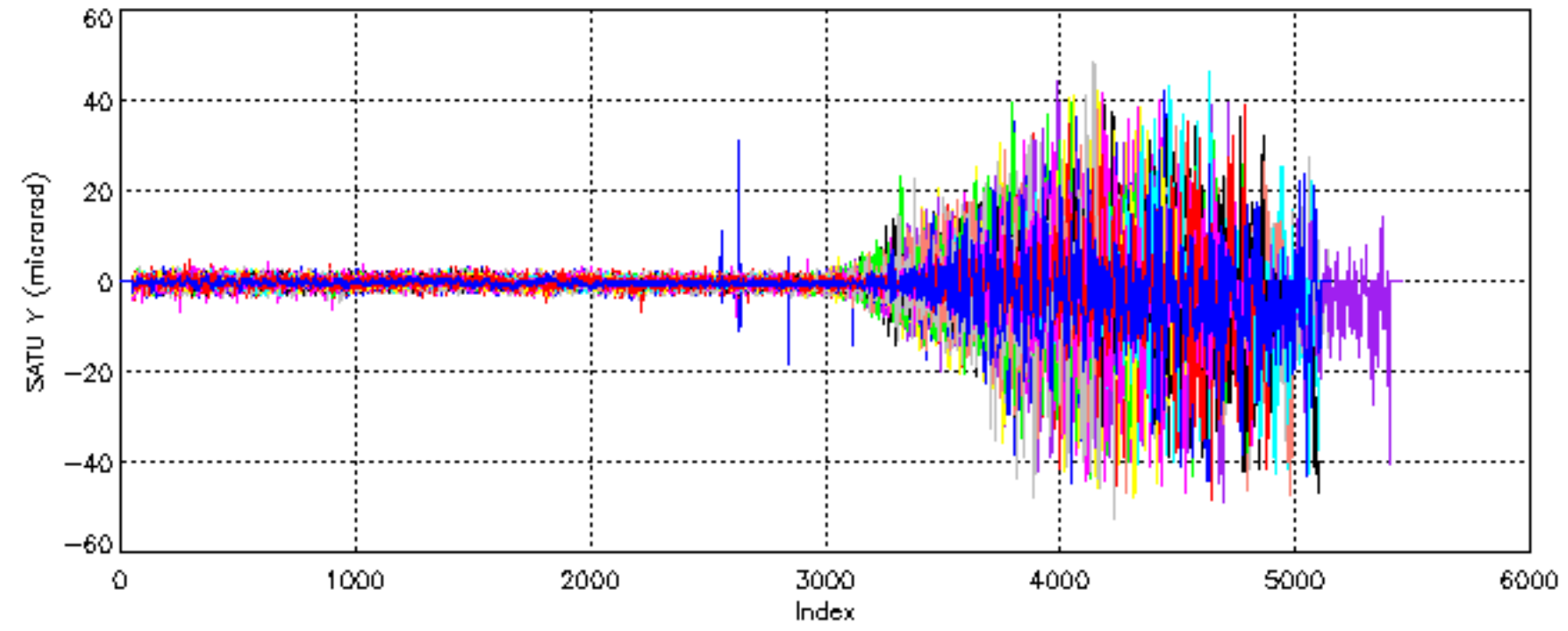


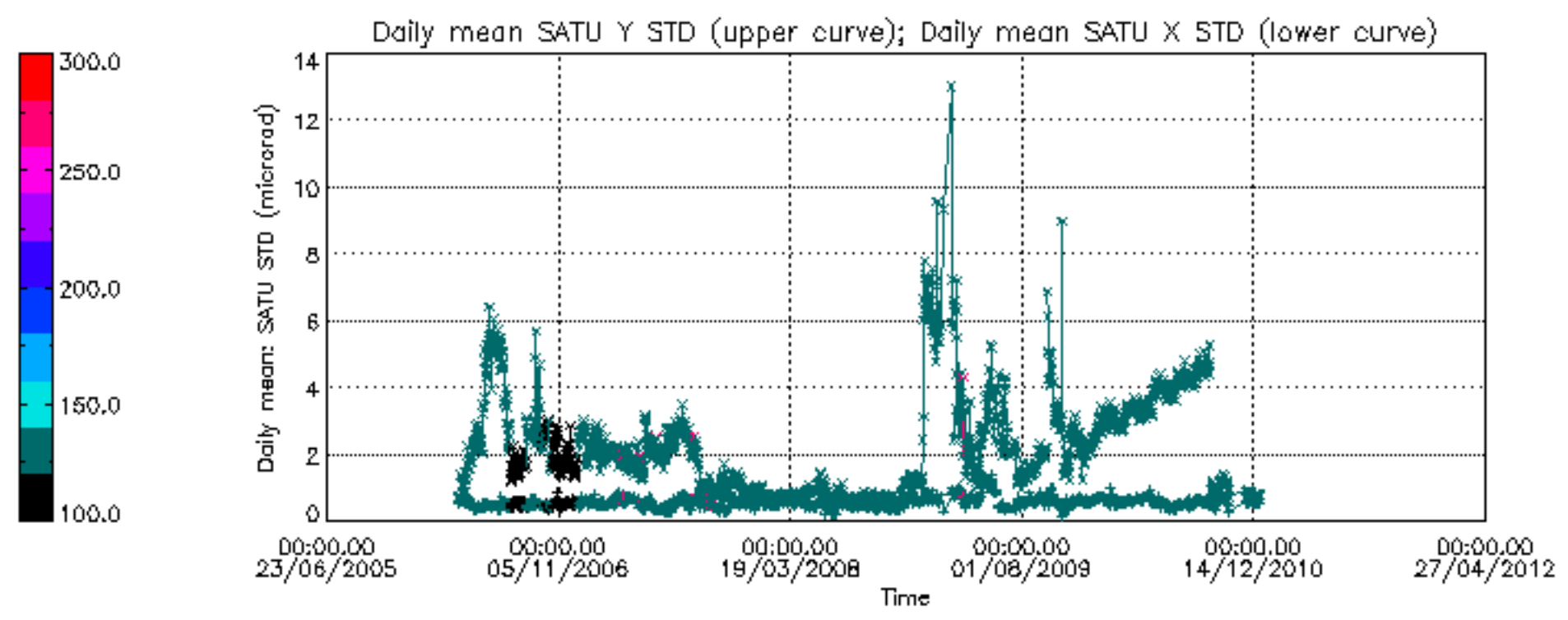
Tangent altitude at which the star is lost











/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDE20101201\_002235\_000056993097\_00059\_45763\_1795.N1

1; -581.2; 01-DEC-2010 00:22:35; Dark ; 49.0; 100; 4Gam Crv ; 2.58; 13100;occ; 98; 0;45763  
 2; -485.7; 01-DEC-2010 00:24:11; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;45763  
 3; 80.8; 01-DEC-2010 00:33:37; Dark ; 42.0; 113; Mu Vel ; 2.69; 5000;occ; 84; 0;45764  
 4; 404.8; 01-DEC-2010 00:39:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45764  
 5; 595.6; 01-DEC-2010 00:42:12; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;45764  
 6; 797.9; 01-DEC-2010 00:45:35; Dark ; 49.0; 2; Alp Car ;-0.74; 7000;occ; 98; 0;45764  
 7; 907.6; 01-DEC-2010 00:47:24; Dark ; 59.5; 117; Pi Pup ; 2.71; 3800;occ; 119; 0;45764  
 8; 1181.6; 01-DEC-2010 00:51:58; Dark ; 47.0; 108; Alp Col ; 2.65; 15200;occ; 94; 0;45764  
 9; 1523.2; 01-DEC-2010 00:57:40; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;45764  
 10; 1739.4; 01-DEC-2010 01:01:16; Dark ; 68.5; 7; 19Bet Ori ; 0.10; 14000;occ; 137; 0;45764  
 11; 2218.1; 01-DEC-2010 01:09:15; Bright; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;45764  
 12; 2314.7; 01-DEC-2010 01:10:51; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 0;45764  
 13; 2456.2; 01-DEC-2010 01:13:13; Bright; 36.5; 150; 44Zet Per ; 2.89; 28000;occ; 73; 0;45764  
 14; 2601.4; 01-DEC-2010 01:15:38; Bright; 37.0; 149; 45Eps Per ; 2.89; 30000;occ; 74; 0;45764  
 15; 2722.5; 01-DEC-2010 01:17:39; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45764  
 16; 2831.7; 01-DEC-2010 01:19:28; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;45764  
 17; 2940.4; 01-DEC-2010 01:21:17; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;45764  
 18; 3801.3; 01-DEC-2010 01:35:38; Bright; 45.0; 36; 50Alp UMa ; 1.80; 6300;occ; 90; 0;45764  
 19; 3896.8; 01-DEC-2010 01:37:13; Bright; 68.0; 82; 48Bet UMa ; 2.37; 10600;occ; 136; 0;45764  
 20; 3994.3; 01-DEC-2010 01:38:51; Bright; 38.0; 32; 77Eps UMa ; 1.76; 11000;occ; 76; 0;45764  
 21; 4165.0; 01-DEC-2010 01:41:42; Bright; 52.0; 174; 52Psi UMa ; 3.00; 4400;occ; 104; 0;45764  
 22; 4326.2; 01-DEC-2010 01:44:23; Bright; 39.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 78; 0;45764  
 23; 4896.6; 01-DEC-2010 01:53:53; Bright; 56.5; 62; 94Bet Leo ; 2.14; 9700;occ; 113; 0;45764  
 24; 5095.3; 01-DEC-2010 01:57:12; Bright; 23.5; 121; 29Gam Vir ; 2.74; 7200;occ; 47; 0;45764

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 2; 81.8; 01-DEC-2010 02:13:52; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;45765  
 3; 405.6; 01-DEC-2010 02:19:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45765  
 4; 596.6; 01-DEC-2010 02:22:27; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45765  
 5; 798.6; 01-DEC-2010 02:25:49; Dark ; 58.0; 2; Alp Car ;-0.74; 7000;occ; 116; 0;45765  
 6; 908.6; 01-DEC-2010 02:27:39; Dark ; 64.0; 117; Pi Pup ; 2.71; 3800;occ; 128; 0;45765  
 7; 1182.1; 01-DEC-2010 02:32:13; Dark ; 47.0; 108; Alp Col ; 2.65; 15200;occ; 94; 0;45765  
 8; 1523.4; 01-DEC-2010 02:37:54; Dark ; 55.0; 101; 11Alp Lep ; 2.58; 7000;occ; 110; 0;45765  
 9; 1739.4; 01-DEC-2010 02:41:30; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;45765  
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 11; 2314.7; 01-DEC-2010 02:51:05; Bright; 39.5; 146; 25Eta Tau ; 2.87; 15200;occ; 79; 0;45765  
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 13; 2601.2; 01-DEC-2010 02:55:52; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;45765  
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 16; 2939.5; 01-DEC-2010 03:01:30; Bright; 41.5; 42; 34Bet Aur ; 1.90; 10200;occ; 83; 0;45765

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 3; -2019.8; 01-DEC-2010 03:19:05; Bright; 41.5; 32; 77Eps UMa ; 1.76; 11000;occ; 83; 0;45765  
 4; -1849.2; 01-DEC-2010 03:21:55; Bright; 67.0; 174; 52Psi UMa ; 3.00; 4400;occ; 134; 0;45765  
 5; -1687.8; 01-DEC-2010 03:24:37; Bright; 40.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 80; 0;45765  
 6; -1116.8; 01-DEC-2010 03:34:08; Bright; 58.0; 62; 94Bet Leo ; 2.14; 9700;occ; 116; 0;45765  
 7; -918.1; 01-DEC-2010 03:37:27; Bright; 45.0; 121; 29Gam Vir ; 2.74; 7200;occ; 90; 0;45765  
 8; -579.5; 01-DEC-2010 03:43:05; Dark ; 44.0; 100; 4Gam Crv ; 2.58; 13100;occ; 88; 0;45765  
 9; -484.1; 01-DEC-2010 03:44:41; Dark ; 47.0; 171; 2Eps Crv ; 3.00; 4250;occ; 94; 0;45765  
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 11; 406.4; 01-DEC-2010 03:59:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45766  
 12; 597.5; 01-DEC-2010 04:02:42; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45766  
 13; 799.1; 01-DEC-2010 04:06:04; Dark ; 56.0; 2; Alp Car ;-0.74; 7000;occ; 112; 0;45766  
 14; 909.5; 01-DEC-2010 04:07:54; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;45766  
 15; 1182.7; 01-DEC-2010 04:12:27; Dark ; 47.0; 108; Alp Col ; 2.65; 15200;occ; 94; 0;45766  
 16; 1523.9; 01-DEC-2010 04:18:09; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;45766  
 17; 1739.4; 01-DEC-2010 04:21:44; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;45766  
 18; 2217.7; 01-DEC-2010 04:29:42; Bright; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;45766  
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 21; 2601.3; 01-DEC-2010 04:36:06; Bright; 37.5; 149; 45Eps Per ; 2.89; 30000;occ; 75; 0;45766  
 22; 2722.5; 01-DEC-2010 04:38:07; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45766  
 23; 2830.6; 01-DEC-2010 04:39:55; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;45766  
 24; 2938.8; 01-DEC-2010 04:41:44; Bright; 46.5; 42; 34Bet Aur ; 1.90; 10200;occ; 93; 0;45766

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3;-2019.9; 01-DEC-2010 04:59:19; Bright; 38.5; 32; 77Eps UMa ; 1.76; 11000;occ; 77; 0;45766
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5;-1687.6; 01-DEC-2010 05:04:51; Bright; 40.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 81; 0;45766
6;-1116.1; 01-DEC-2010 05:14:23; Bright; 62.0; 62; 94Bet Leo ; 2.14; 9700;occ; 124; 0;45766
7; -917.6; 01-DEC-2010 05:17:41; Bright; 45.0; 121; 29Gam Vir ; 2.74; 7200;occ; 90; 0;45766
8; -578.6; 01-DEC-2010 05:23:20; Dark ; 46.0; 100; 4Gam Crv ; 2.58; 13100;occ; 92; 0;45766
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11; 407.3; 01-DEC-2010 05:39:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45767
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13; 799.8; 01-DEC-2010 05:46:19; Dark ; 58.0; 2; Alp Car ;-0.74; 7000;occ; 116; 0;45767
14; 910.4; 01-DEC-2010 05:48:09; Dark ; 58.5; 117; Pi Pup ; 2.71; 3800;occ; 117; 0;45767
15; 1183.2; 01-DEC-2010 05:52:42; Dark ; 48.0; 108; Alp Col ; 2.65; 15200;occ; 96; 0;45767
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19; 2314.5; 01-DEC-2010 06:11:33; Bright; 39.5; 146; 25Eta Tau ; 2.87; 15200;occ; 79; 0;45767
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6; 1931.3; 01-DEC-2010 21:07:17; Dark ; 33.0; 72; 34Del Ori ; 2.25; 30000;occ; 66; 0;45776
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9; 2313.2; 01-DEC-2010 21:13:38; Bright; 38.0; 146; 25Eta Tau ; 2.87; 15200;occ; 76; 0;45776
10; 2454.0; 01-DEC-2010 21:15:59; Bright; 38.5; 150; 44Zet Per ; 2.89; 28000;occ; 77; 0;45776
11; 2598.4; 01-DEC-2010 21:18:24; Bright; 38.5; 149; 45Eps Per ; 2.89; 30000;occ; 77; 0;45776
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13; 2824.2; 01-DEC-2010 21:22:09; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;45776
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13; 4329.1; 04-DEC-2010 13:16:07; Bright; 39.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 78; 0;45814
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20; 6461.3; 04-DEC-2010 13:51:39; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45815
21; 6654.0; 04-DEC-2010 13:54:52; Dark ; 50.0; 34; Gam2Vel ; 1.79; 23000;occ; 100; 0;45815
22; 6837.9; 04-DEC-2010 13:57:56; Dark ; 58.0; 2; Alp Car ;-0.74; 7000;occ; 116; 0;45815
23; 6963.1; 04-DEC-2010 14:00:01; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 0;45815
24; 7216.2; 04-DEC-2010 14:04:14; Dark ; 45.0; 108; Alp Col ; 2.65; 15200;occ; 90; 0;45815
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 3; 2203.0; 04-DEC-2010 14:20:55; Dark ; 60.0; 13; 87Alp Tau ; 0.87; 3800;occ; 120; 0;45815
 4; 2308.8; 04-DEC-2010 14:22:41; Bright; 38.0; 146; 25Eta Tau ; 2.87; 15200;occ; 76; 0;45815
 5; 2447.2; 04-DEC-2010 14:24:59; Bright; 38.0; 150; 44Zet Per ; 2.89; 28000;occ; 76; 0;45815
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 14; 4663.5; 04-DEC-2010 15:01:56; Bright; 35.5; 111; 8Eta Boo ; 2.68; 6000;occ; 71; 0;45815  
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 19; 6136.5; 04-DEC-2010 15:26:29; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45816  
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 23; 6963.9; 04-DEC-2010 15:40:16; Dark ; 58.5; 117; Pi Pup ; 2.71; 3800;occ; 117; 0;45816  
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 5; 2446.9; 04-DEC-2010 16:05:13; Bright; 38.0; 150; 44Zet Per ; 2.89; 28000;occ; 76; 0;45816  
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 9; 3782.5; 04-DEC-2010 16:27:29; Bright; 47.0; 36; 50Alp UMA ; 1.80; 6300;occ; 94; 0;45816  
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 11; 3989.2; 04-DEC-2010 16:30:55; Bright; 38.5; 32; 77Eps UMA ; 1.76; 11000;occ; 77; 0;45816  
 12; 4119.9; 04-DEC-2010 16:33:06; Bright; 39.0; 39; 85Eta UMA ; 1.85; 24000;occ; 78; 0;45816  
 13; 4329.2; 04-DEC-2010 16:36:35; Bright; 41.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 82; 0;45816  
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 16; 5127.7; 04-DEC-2010 16:49:54; Bright; 47.5; 121; 29Gam Vir ; 2.74; 7200;occ; 95; 0;45816  
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 19; 6137.4; 04-DEC-2010 17:06:44; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45817  
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 5; 2202.6; 04-DEC-2010 17:41:23; Dark ; 57.0; 13; 87Alp Tau ; 0.87; 3800;occ; 114; 0;45817  
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 23; 6656.6; 04-DEC-2010 18:55:37; Dark ; 49.0; 34; Gam2Vel ; 1.79; 23000;occ; 98; 0;45818  
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19; 6660.7; 05-DEC-2010 03:16:51; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 67;45823
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 4; 2053.6; 05-DEC-2010 12:01:28; Dark ; 57.5; 27; 24Gam Ori ; 1.64; 26000;occ; 115; 0;45828  
 5; 2199.7; 05-DEC-2010 12:03:54; Dark ; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;45828  
 6; 2307.3; 05-DEC-2010 12:05:42; Bright; 34.0; 146; 25Eta Tau ; 2.87; 15200;occ; 68; 0;45828  
 7; 2444.8; 05-DEC-2010 12:07:59; Bright; 38.0; 150; 44Zet Per ; 2.89; 28000;occ; 76; 0;45828  
 8; 2535.4; 05-DEC-2010 12:09:30; Bright; 43.5; 114; 3Iot Aur ; 2.69; 4600;occ; 87; 0;45828  
 9; 2712.4; 05-DEC-2010 12:12:27; Bright; 36.0; 175; 39Del Per ; 3.01; 19400;occ; 72; 0;45828  
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 11; 3777.4; 05-DEC-2010 12:30:12; Bright; 41.0; 36; 50Alp UMa ; 1.80; 6300;occ; 82; 0;45828  
 12; 3870.8; 05-DEC-2010 12:31:46; Bright; 47.0; 82; 48Bet UMa ; 2.37; 10600;occ; 94; 0;45828  
 13; 3987.6; 05-DEC-2010 12:33:42; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;45828  
 14; 4120.1; 05-DEC-2010 12:35:55; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;45828  
 15; 4329.3; 05-DEC-2010 12:39:24; Bright; 39.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 79; 0;45828  
 16; 4666.7; 05-DEC-2010 12:45:01; Bright; 37.0; 111; 8Eta Boo ; 2.68; 6000;occ; 74; 0;45828  
 17; 4862.3; 05-DEC-2010 12:48:17; Bright; 62.0; 138; 47Eps Vir ; 2.83; 4700;occ; 124; 0;45828  
 18; 5135.6; 05-DEC-2010 12:52:50; Dark ; 53.5; 121; 29Gam Vir ; 2.74; 7200;occ; 107; 0;45828  
 19; 5488.9; 05-DEC-2010 12:58:44; Dark ; 48.5; 100; 4Gam Crv ; 2.58; 13100;occ; 97; 0;45828  
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 21; 6147.3; 05-DEC-2010 13:09:42; Dark ; 44.0; 113; Mu Vel ; 2.69; 5000;occ; 88; 0;45829  
 22; 6472.8; 05-DEC-2010 13:15:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45829  
 23; 6665.7; 05-DEC-2010 13:18:20; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;45829  
 24; 6844.6; 05-DEC-2010 13:21:19; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 0;45829  
 25; 6973.6; 05-DEC-2010 13:23:28; Dark ; 59.0; 117; Pi Pup ; 2.71; 3800;occ; 118; 0;45829  
 26; 7221.3; 05-DEC-2010 13:27:36; Dark ; 43.0; 108; Alp Col ; 2.65; 15200;occ; 86; 0;45829  
 27; 7546.7; 05-DEC-2010 13:33:01; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;45829

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 2; 1736.6; 05-DEC-2010 13:36:25; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;45829  
 3; 1914.8; 05-DEC-2010 13:39:23; Dark ; 45.0; 72; 34Del Ori ; 2.25; 30000;occ; 90; 0;45829  
 4; 2053.0; 05-DEC-2010 13:41:42; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;45829



5; 2199.6; 05-DEC-2010 13:44:08; Dark ; 60.0; 13; 87Alp Tau ; 0.87; 3800;occ; 120; 0;45829  
6; 2307.4; 05-DEC-2010 13:45:56; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 0;45829  
7; 2444.8; 05-DEC-2010 13:48:13; Bright; 37.5; 150; 44Zet Per ; 2.89; 28000;occ; 75; 0;45829  
8; 2534.8; 05-DEC-2010 13:49:43; Bright; 44.5; 114; 3Iot Aur ; 2.69; 4600;occ; 89; 0;45829  
9; 2712.2; 05-DEC-2010 13:52:41; Bright; 36.0; 175; 39Del Per ; 3.01; 19400;occ; 72; 0;45829  
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11; 3777.2; 05-DEC-2010 14:10:26; Bright; 46.0; 36; 50Alp UMa ; 1.80; 6300;occ; 92; 0;45829  
12; 3870.4; 05-DEC-2010 14:11:59; Bright; 47.0; 82; 48Bet UMa ; 2.37; 10600;occ; 94; 0;45829  
13; 3987.5; 05-DEC-2010 14:13:56; Bright; 39.5; 32; 77Eps UMa ; 1.76; 11000;occ; 79; 0;45829  
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15; 4329.4; 05-DEC-2010 14:19:38; Bright; 42.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 84; 0;45829  
16; 4666.8; 05-DEC-2010 14:25:15; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 0;45829  
17; 4862.7; 05-DEC-2010 14:28:31; Bright; 62.0; 138; 47Eps Vir ; 2.83; 4700;occ; 124; 0;45829  
18; 5136.4; 05-DEC-2010 14:33:05; Dark ; 55.0; 121; 29Gam Vir ; 2.74; 7200;occ; 110; 0;45829  
19; 5490.0; 05-DEC-2010 14:38:59; Dark ; 50.5; 100; 4Gam Crv ; 2.58; 13100;occ; 101; 0;45829  
20; 5586.1; 05-DEC-2010 14:40:35; Dark ; 51.0; 171; 2Eps Crv ; 3.00; 4250;occ; 102; 0;45829  
21; 6147.9; 05-DEC-2010 14:49:57; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;45830  
22; 6473.7; 05-DEC-2010 14:55:22; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45830  
23; 6666.6; 05-DEC-2010 14:58:35; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45830  
24; 6845.2; 05-DEC-2010 15:01:34; Dark ; 55.0; 2; Alp Car ; -0.74; 7000;occ; 110; 0;45830  
25; 6974.5; 05-DEC-2010 15:03:43; Dark ; 63.0; 117; Pi Pup ; 2.71; 3800;occ; 126; 0;45830  
26; 7221.7; 05-DEC-2010 15:07:50; Dark ; 42.5; 108; Alp Col ; 2.65; 15200;occ; 85; 0;45830

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1; 1533.1; 05-DEC-2010 15:13:16; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;45830  
2; 1736.4; 05-DEC-2010 15:16:39; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;45830  
3; 1914.6; 05-DEC-2010 15:19:37; Dark ; 52.0; 72; 34Del Ori ; 2.25; 30000;occ; 104; 0;45830  
4; 2052.7; 05-DEC-2010 15:21:55; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;45830  
5; 2199.2; 05-DEC-2010 15:24:22; Dark ; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;45830  
6; 2307.4; 05-DEC-2010 15:26:10; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 0;45830  
7; 2444.7; 05-DEC-2010 15:28:27; Bright; 38.5; 150; 44Zet Per ; 2.89; 28000;occ; 77; 0;45830  
8; 2534.4; 05-DEC-2010 15:29:57; Bright; 44.5; 114; 3Iot Aur ; 2.69; 4600;occ; 89; 0;45830  
9; 3776.8; 05-DEC-2010 15:50:39; Bright; 47.0; 36; 50Alp UMa ; 1.80; 6300;occ; 94; 0;45830  
10; 3870.3; 05-DEC-2010 15:52:13; Bright; 48.5; 82; 48Bet UMa ; 2.37; 10600;occ; 97; 0;45830  
11; 3987.6; 05-DEC-2010 15:54:10; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;45830  
12; 4120.3; 05-DEC-2010 15:56:23; Bright; 37.0; 39; 85Eta UMa ; 1.85; 24000;occ; 74; 0;45830  
13; 4329.6; 05-DEC-2010 15:59:52; Bright; 41.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 82; 0;45830  
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15; 4863.3; 05-DEC-2010 16:08:46; Bright; 49.5; 138; 47Eps Vir ; 2.83; 4700;occ; 99; 0;45830  
16; 5137.4; 05-DEC-2010 16:13:20; Dark ; 54.0; 121; 29Gam Vir ; 2.74; 7200;occ; 108; 0;45830  
17; 5491.0; 05-DEC-2010 16:19:14; Dark ; 50.5; 100; 4Gam Crv ; 2.58; 13100;occ; 101; 0;45830  
18; 5587.1; 05-DEC-2010 16:20:50; Dark ; 52.0; 171; 2Eps Crv ; 3.00; 4250;occ; 104; 0;45830  
19; 6148.9; 05-DEC-2010 16:30:12; Dark ; 44.0; 113; Mu Vel ; 2.69; 5000;occ; 88; 0;45831  
20; 6474.6; 05-DEC-2010 16:35:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45831  
21; 6667.4; 05-DEC-2010 16:38:50; Dark ; 50.0; 34; Gam2Vel ; 1.79; 23000;occ; 100; 0;45831  
22; 6845.8; 05-DEC-2010 16:41:48; Dark ; 51.0; 2; Alp Car ; -0.74; 7000;occ; 102; 0;45831  
23; 6975.2; 05-DEC-2010 16:43:58; Dark ; 57.0; 117; Pi Pup ; 2.71; 3800;occ; 114; 0;45831  
24; 7222.1; 05-DEC-2010 16:48:05; Dark ; 44.5; 108; Alp Col ; 2.65; 15200;occ; 89; 0;45831

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3; 1736.3; 05-DEC-2010 16:56:53; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;45831  
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6; 2199.0; 05-DEC-2010 17:04:36; Dark ; 60.0; 13; 87Alp Tau ; 0.87; 3800;occ; 120; 0;45831  
7; 2307.3; 05-DEC-2010 17:06:24; Bright; 38.5; 146; 25Eta Tau ; 2.87; 15200;occ; 77; 0;45831  
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11; 3869.7; 05-DEC-2010 17:32:26; Bright; 45.0; 82; 48Bet UMa ; 2.37; 10600;occ; 90; 0;45831  
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13; 4120.2; 05-DEC-2010 17:36:37; Bright; 39.0; 39; 85Eta UMa ; 1.85; 24000;occ; 78; 0;45831  
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15; 4667.2; 05-DEC-2010 17:45:44; Bright; 36.5; 111; 8Eta Boo ; 2.68; 6000;occ; 73; 0;45831  
16; 4863.7; 05-DEC-2010 17:49:00; Bright; 62.0; 138; 47Eps Vir ; 2.83; 4700;occ; 124; 0;45831  
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21; 6475.4; 05-DEC-2010 18:15:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45832
22; 6668.3; 05-DEC-2010 18:19:05; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45832
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 7; 2198.6; 05-DEC-2010 18:44:49; Dark ; 60.0; 13; 87Alp Tau ; 0.87; 3800;occ; 120; 0;45832
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 9; 2444.3; 05-DEC-2010 18:48:55; Bright; 37.5; 150; 44Zet Per ; 2.89; 28000;occ; 75; 0;45832
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13; 3869.1; 05-DEC-2010 19:12:40; Bright; 47.0; 82; 48Bet UMa ; 2.37; 10600;occ; 94; 0;45832
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17; 4667.4; 05-DEC-2010 19:25:58; Bright; 37.0; 111; 8Eta Boo ; 2.68; 6000;occ; 74; 0;45832
18; 4864.0; 05-DEC-2010 19:29:15; Bright; 63.0; 138; 47Eps Vir ; 2.83; 4700;occ; 126; 0;45832
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20; 5492.7; 05-DEC-2010 19:39:44; Dark ; 48.0; 100; 4Gam Crv ; 2.58; 13100;occ; 96; 0;45832
21; 5588.9; 05-DEC-2010 19:41:20; Dark ; 51.5; 171; 2Eps Crv ; 3.00; 4250;occ; 103; 0;45832
22; 6150.4; 05-DEC-2010 19:50:41; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45833
23; 6476.2; 05-DEC-2010 19:56:07; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45833
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 2; 138.7; 06-DEC-2010 00:51:26; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;45836
 3; 464.6; 06-DEC-2010 00:56:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45836
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11; 2050.0; 06-DEC-2010 01:23:17; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;45836
12; 2197.5; 06-DEC-2010 01:25:44; Dark ; 59.0; 13; 87Alp Tau ; 0.87; 3800;occ; 118; 0;45836
13; 2306.6; 06-DEC-2010 01:27:34; Bright; 37.0; 146; 25Eta Tau ; 2.87; 15200;occ; 74; 0;45836
14; 2443.5; 06-DEC-2010 01:29:50; Bright; 36.5; 150; 44Zet Per ; 2.89; 28000;occ; 73; 0;45836
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19; 3986.5; 06-DEC-2010 01:55:33; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;45836
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 5; 658.2; 06-DEC-2010 02:40:19; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;45837
 6; 834.3; 06-DEC-2010 02:43:15; Dark ; 52.0; 2; Alp Car ;-0.74; 7000;occ; 104; 0;45837
 7; 965.8; 06-DEC-2010 02:45:27; Dark ; 61.5; 117; Pi Pup ; 2.71; 3800;occ; 123; 0;45837
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11; 141.4; 06-DEC-2010 05:52:10; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;45839
12; 467.0; 06-DEC-2010 05:57:36; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45839
13; 660.2; 06-DEC-2010 06:00:49; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;45839
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 11; 2710.2; 06-DEC-2010 21:37:06; Bright; 36.0; 175; 39Del Per ; 3.01; 19400;occ; 72; 0;45848  
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 16; 4120.2; 06-DEC-2010 22:00:36; Bright; 38.0; 39; 85Eta UMa ; 1.85; 24000;occ; 76; 0;45848  
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 19; 4871.1; 06-DEC-2010 22:13:06; Bright; 45.5; 138; 47Eps Vir ; 2.83; 4700;occ; 91; 0;45848  
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 8; 974.5; 06-DEC-2010 22:48:24; Dark ; 59.5; 117; Pi Pup ; 2.71; 3800;occ; 119; 0;45849  
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 11; 1735.8; 06-DEC-2010 23:01:05; Dark ; 57.5; 7; 19Bet Ori ; 0.10; 14000;occ; 115; 0;45849  
 12; 1893.4; 06-DEC-2010 23:03:43; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;45849  
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 2; 1892.0; 07-DEC-2010 09:05:06; Dark ; 58.5; 30; 46Eps Ori ; 1.69; 30000;occ; 117; 0;45855  
 3; 2043.7; 07-DEC-2010 09:07:37; Dark ; 53.5; 27; 24Gam Ori ; 1.64; 26000;occ; 107; 0;45855  
 4; 2193.7; 07-DEC-2010 09:10:07; Dark ; 59.0; 13; 87Alp Tau ; 0.87; 3800;occ; 118; 0;45855  
 5; 2306.0; 07-DEC-2010 09:11:59; Bright; 35.5; 146; 25Eta Tau ; 2.87; 15200;occ; 71; 0;45855  
 6; 2441.6; 07-DEC-2010 09:14:15; Bright; 37.0; 150; 44Zet Per ; 2.89; 28000;occ; 74; 0;45855  
 7; 2523.2; 07-DEC-2010 09:15:37; Bright; 43.0; 114; 3Iot Aur ; 2.69; 4600;occ; 86; 0;45855  
 8; 2709.3; 07-DEC-2010 09:18:43; Bright; 35.5; 175; 39Del Per ; 3.01; 19400;occ; 71; 0;45855  
 9; 2862.0; 07-DEC-2010 09:21:15; Bright; 48.0; 42; 34Bet Aur ; 1.90; 10200;occ; 96; 0;45855  
 10; 3766.7; 07-DEC-2010 09:36:20; Bright; 66.0; 36; 50Alp UMA ; 1.80; 6300;occ; 132; 0;45855  
 11; 3858.9; 07-DEC-2010 09:37:52; Bright; 51.0; 82; 48Bet UMA ; 2.37; 10600;occ; 102; 0;45855  
 12; 3984.2; 07-DEC-2010 09:39:58; Bright; 42.5; 32; 77Eps UMA ; 1.76; 11000;occ; 85; 0;45855  
 13; 4120.4; 07-DEC-2010 09:42:14; Bright; 39.0; 39; 85Eta UMA ; 1.85; 24000;occ; 78; 0;45855  
 14; 4330.6; 07-DEC-2010 09:45:44; Bright; 42.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 84; 0;45855  
 15; 4673.1; 07-DEC-2010 09:51:27; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;45855  
 16; 4874.6; 07-DEC-2010 09:54:48; Bright; 45.0; 138; 47Eps Vir ; 2.83; 4700;occ; 90; 0;45855  
 17; 5155.0; 07-DEC-2010 09:59:29; Dark ; 52.5; 121; 29Gam Vir ; 2.74; 7200;occ; 105; 0;45855  
 18; 5431.2; 07-DEC-2010 10:04:05; Dark ; 41.0; 169; 46Gam Hya ; 2.99; 4700;occ; 82; 0;45855  
 19; 5515.0; 07-DEC-2010 10:05:28; Dark ; 51.0; 100; 4Gam Crv ; 2.58; 13100;occ; 102; 0;45855  
 20; 5611.3; 07-DEC-2010 10:07:05; Dark ; 52.0; 171; 2Eps Crv ; 3.00; 4250;occ; 104; 0;45855  
 21; 5967.7; 07-DEC-2010 10:13:01; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;45855  
 22; 6169.7; 07-DEC-2010 10:16:23; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45856  
 23; 6494.8; 07-DEC-2010 10:21:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45856  
 24; 6688.1; 07-DEC-2010 10:25:02; Dark ; 47.0; 34; Gam2Vel ; 1.79; 23000;occ; 94; 0;45856  
 25; 6857.5; 07-DEC-2010 10:27:51; Dark ; 49.0; 2; Alp Car ; -0.74; 7000;occ; 98; 0;45856  
 26; 6993.7; 07-DEC-2010 10:30:07; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;45856  
 27; 7231.1; 07-DEC-2010 10:34:05; Dark ; 42.5; 108; Alp Col ; 2.65; 15200;occ; 85; 0;45856  
 28; 7550.9; 07-DEC-2010 10:39:24; Dark ; 34.0; 101; 11Alp Lep ; 2.58; 7000;occ; 68; 0;45856

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20101207\_103924\_000060483097\_00152\_45856\_2841.N1

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

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

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

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20101207\_135952\_000057413097\_00154\_45858\_2843.N1

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

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20101207\_154007\_000055153097\_00155\_45859\_2844.N1

1; 1537.2; 07-DEC-2010 15:40:07; Dark ; 49.0; 101; 11Alp Lep ; 2.58; 7000;occ; 98; 0;45859  
 2; 1735.8; 07-DEC-2010 15:43:25; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;45859  
 3; 1891.2; 07-DEC-2010 15:46:01; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;45859  
 4; 2042.4; 07-DEC-2010 15:48:32; Dark ; 55.5; 27; 24Gam Ori ; 1.64; 26000;occ; 111; 0;45859  
 5; 2192.9; 07-DEC-2010 15:51:02; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;45859  
 6; 2305.6; 07-DEC-2010 15:52:55; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 0;45859  
 7; 2441.0; 07-DEC-2010 15:55:11; Bright; 38.0; 150; 44Zet Per ; 2.89; 28000;occ; 76; 0;45859  
 8; 2521.4; 07-DEC-2010 15:56:31; Bright; 43.5; 114; 3Iot Aur ; 2.69; 4600;occ; 87; 0;45859  
 9; 2708.8; 07-DEC-2010 15:59:38; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45859  
 10; 2858.9; 07-DEC-2010 16:02:08; Bright; 49.0; 42; 34Bet Aur ; 1.90; 10200;occ; 98; 0;45859  
 11; 3765.0; 07-DEC-2010 16:17:15; Bright; 66.0; 36; 50Alp UMa ; 1.80; 6300;occ; 132; 0;45859  
 12; 3857.0; 07-DEC-2010 16:18:46; Bright; 49.5; 82; 48Bet UMa ; 2.37; 10600;occ; 99; 0;45859  
 13; 3983.6; 07-DEC-2010 16:20:53; Bright; 41.5; 32; 77Eps UMa ; 1.76; 11000;occ; 83; 0;45859  
 14; 4120.4; 07-DEC-2010 16:23:10; Bright; 39.5; 39; 85Eta UMa ; 1.85; 24000;occ; 79; 0;45859  
 15; 4330.7; 07-DEC-2010 16:26:40; Bright; 40.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 81; 0;45859  
 16; 4674.2; 07-DEC-2010 16:32:24; Bright; 56.0; 111; 8Eta Boo ; 2.68; 6000;occ; 112; 0;45859  
 17; 4876.5; 07-DEC-2010 16:35:46; Bright; 43.0; 138; 47Eps Vir ; 2.83; 4700;occ; 86; 0;45859  
 18; 5158.1; 07-DEC-2010 16:40:28; Dark ; 53.0; 121; 29Gam Vir ; 2.74; 7200;occ; 106; 0;45859  
 19; 5433.5; 07-DEC-2010 16:45:03; Dark ; 43.0; 169; 46Gam Hya ; 2.99; 4700;occ; 86; 0;45859  
 20; 5519.1; 07-DEC-2010 16:46:29; Dark ; 50.0; 100; 4Gam Crv ; 2.58; 13100;occ; 100; 0;45859  
 21; 5615.4; 07-DEC-2010 16:48:05; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;45859  
 22; 5970.1; 07-DEC-2010 16:54:00; Dark ; 41.0; 99; Del Cen ; 2.58; 26000;occ; 82; 0;45859  
 23; 6173.1; 07-DEC-2010 16:57:23; Dark ; 44.5; 113; Mu Vel ; 2.69; 5000;occ; 89; 0;45860  
 24; 6498.3; 07-DEC-2010 17:02:48; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45860  
 25; 6691.5; 07-DEC-2010 17:06:01; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45860  
 26; 6859.4; 07-DEC-2010 17:08:49; Dark ; 49.0; 2; Alp Car ; -0.74; 7000;occ; 98; 0;45860  
 27; 6996.5; 07-DEC-2010 17:11:06; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;45860

/nas3/ENVISAT/GOMOS/GOM\_NL\_\_0P/GOM\_NL\_\_0PNPDK20101207\_171144\_000059773097\_00156\_45860\_2845.N1

1; 1019.9; 07-DEC-2010 17:11:44; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 75;45860  
 2; 1218.4; 07-DEC-2010 17:15:02; Dark ; 45.0; 108; Alp Col ; 2.65; 15200;occ; 90; 0;45860  
 3; 1537.3; 07-DEC-2010 17:20:21; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;45860  
 4; 1735.9; 07-DEC-2010 17:23:39; Dark ; 55.0; 7; 19Bet Ori ; 0.10; 14000;occ; 110; 0;45860  
 5; 1891.1; 07-DEC-2010 17:26:15; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;45860  
 6; 2042.2; 07-DEC-2010 17:28:46; Dark ; 55.0; 27; 24Gam Ori ; 1.64; 26000;occ; 110; 0;45860  
 7; 2192.5; 07-DEC-2010 17:31:16; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;45860  
 8; 2305.4; 07-DEC-2010 17:33:09; Bright; 38.0; 146; 25Eta Tau ; 2.87; 15200;occ; 76; 0;45860  
 9; 2440.9; 07-DEC-2010 17:35:24; Bright; 37.5; 150; 44Zet Per ; 2.89; 28000;occ; 75; 0;45860  
 10; 2520.9; 07-DEC-2010 17:36:44; Bright; 43.0; 114; 3Iot Aur ; 2.69; 4600;occ; 86; 0;45860  
 11; 2708.7; 07-DEC-2010 17:39:52; Bright; 35.5; 175; 39Del Per ; 3.01; 19400;occ; 71; 0;45860  
 12; 2857.9; 07-DEC-2010 17:42:21; Bright; 47.5; 42; 34Bet Aur ; 1.90; 10200;occ; 95; 0;45860  
 13; 3764.6; 07-DEC-2010 17:57:28; Bright; 45.0; 36; 50Alp UMa ; 1.80; 6300;occ; 90; 0;45860  
 14; 3856.5; 07-DEC-2010 17:59:00; Bright; 48.0; 82; 48Bet UMa ; 2.37; 10600;occ; 96; 0;45860  
 15; 3983.4; 07-DEC-2010 18:01:07; Bright; 42.5; 32; 77Eps UMa ; 1.76; 11000;occ; 85; 0;45860  
 16; 4120.4; 07-DEC-2010 18:03:24; Bright; 40.0; 39; 85Eta UMa ; 1.85; 24000;occ; 80; 0;45860  
 17; 4330.9; 07-DEC-2010 18:06:55; Bright; 40.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 81; 0;45860  
 18; 4674.4; 07-DEC-2010 18:12:38; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;45860  
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 20; 5159.0; 07-DEC-2010 18:20:43; Dark ; 51.5; 121; 29Gam Vir ; 2.74; 7200;occ; 103; 0;45860  
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 5; 2178.8; 14-DEC-2010 09:53:29; Dark ; 48.0; 13; 87Alp Tau ; 0.87; 3800;occ; 96; 0;45956  
 6; 2320.2; 14-DEC-2010 09:55:50; Bright; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;45956  
 7; 2442.5; 14-DEC-2010 09:57:53; Bright; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;45956  
 8; 2663.2; 14-DEC-2010 10:01:33; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;45956

9; 2791.9; 14-DEC-2010 10:03:42; Bright; 45.5; 42; 34Bet Aur ; 1.90; 10200;occ; 91; 0;45956  
 10; 3720.9; 14-DEC-2010 10:19:11; Bright; 47.5; 36; 50Alp UMa ; 1.80; 6300;occ; 95; 0;45956  
 11; 3966.7; 14-DEC-2010 10:23:17; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;45956  
 12; 4117.9; 14-DEC-2010 10:25:48; Bright; 40.0; 39; 85Eta UMa ; 1.85; 24000;occ; 80; 0;45956  
 13; 4314.8; 14-DEC-2010 10:29:05; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;45956  
 14; 4504.9; 14-DEC-2010 10:32:15; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;45956  
 15; 4700.4; 14-DEC-2010 10:35:31; Bright; 41.5; 111; 8Eta Boo ; 2.68; 6000;occ; 83; 0;45956  
 16; 4928.9; 14-DEC-2010 10:39:19; Bright; 72.0; 138; 47Eps Vir ; 2.83; 4700;occ; 144; 0;45956  
 17; 5285.4; 14-DEC-2010 10:45:16; Dark ; 49.5; 15; 67Alp Vir ; 0.98; 28000;occ; 99; 0;45956  
 18; 5494.3; 14-DEC-2010 10:48:44; Dark ; 42.0; 169; 46Gam Hya ; 2.99; 4700;occ; 84; 0;45956  
 19; 5629.6; 14-DEC-2010 10:51:00; Dark ; 43.0; 100; 4Gam Crv ; 2.58; 13100;occ; 86; 0;45956  
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 22; 6031.8; 14-DEC-2010 10:57:42; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;45957  
 23; 6256.8; 14-DEC-2010 11:01:27; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45957  
 24; 6489.7; 14-DEC-2010 11:05:20; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;45957  
 25; 6574.3; 14-DEC-2010 11:06:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45957  
 26; 6765.9; 14-DEC-2010 11:09:56; Dark ; 52.5; 34; Gam2Vel ; 1.79; 23000;occ; 105; 0;45957  
 27; 6901.0; 14-DEC-2010 11:12:11; Dark ; 56.0; 2; Alp Car ; -0.74; 7000;occ; 112; 0;45957  
 28; 7059.2; 14-DEC-2010 11:14:49; Dark ; 56.0; 117; Pi Pup ; 2.71; 3800;occ; 112; 0;45957  
 29; 7256.6; 14-DEC-2010 11:18:07; Dark ; 56.0; 23; 21Eps CMa ; 1.50; 26000;occ; 112; 0;45957  
 30; 7536.1; 14-DEC-2010 11:22:46; Dark ; 52.5; 47; 2Bet CMa ; 1.98; 28000;occ; 105; 0;45957

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 3; 1874.8; 14-DEC-2010 11:28:39; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;45957  
 4; 2068.4; 14-DEC-2010 11:31:52; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;45957  
 5; 2178.7; 14-DEC-2010 11:33:43; Dark ; 48.0; 13; 87Alp Tau ; 0.87; 3800;occ; 96; 0;45957  
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 7; 2442.1; 14-DEC-2010 11:38:06; Bright; 43.5; 28; 12Bet Tau ; 1.65; 15200;occ; 87; 0;45957  
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 9; 2791.2; 14-DEC-2010 11:43:55; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;45957  
 10; 3720.4; 14-DEC-2010 11:59:25; Bright; 42.5; 36; 50Alp UMa ; 1.80; 6300;occ; 85; 0;45957  
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 12; 4117.9; 14-DEC-2010 12:06:02; Bright; 58.0; 39; 85Eta UMa ; 1.85; 24000;occ; 116; 0;45957  
 13; 4314.8; 14-DEC-2010 12:09:19; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;45957  
 14; 4505.1; 14-DEC-2010 12:12:29; Bright; 47.5; 83; ; 2.38; 11000;occ; 95; 0;45957  
 15; 4700.6; 14-DEC-2010 12:15:45; Bright; 48.0; 111; 8Eta Boo ; 2.68; 6000;occ; 96; 0;45957  
 16; 4929.5; 14-DEC-2010 12:19:34; Bright; 72.0; 138; 47Eps Vir ; 2.83; 4700;occ; 144; 0;45957  
 17; 5286.0; 14-DEC-2010 12:25:30; Dark ; 58.5; 15; 67Alp Vir ; 0.98; 28000;occ; 117; 0;45957  
 18; 5495.1; 14-DEC-2010 12:28:59; Dark ; 48.5; 169; 46Gam Hya ; 2.99; 4700;occ; 97; 0;45957  
 19; 5631.1; 14-DEC-2010 12:31:15; Dark ; 43.0; 100; 4Gam Crv ; 2.58; 13100;occ; 86; 0;45957  
 20; 5726.3; 14-DEC-2010 12:32:50; Dark ; 57.5; 171; 2Eps Crv ; 3.00; 4250;occ; 115; 0;45957  
 21; 5936.5; 14-DEC-2010 12:36:21; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;45957  
 22; 6032.3; 14-DEC-2010 12:37:56; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;45958  
 23; 6257.6; 14-DEC-2010 12:41:42; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45958  
 24; 6490.3; 14-DEC-2010 12:45:34; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;45958  
 25; 6575.0; 14-DEC-2010 12:46:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45958  
 26; 6766.6; 14-DEC-2010 12:50:11; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;45958  
 27; 6901.5; 14-DEC-2010 12:52:26; Dark ; 49.5; 2; Alp Car ; -0.74; 7000;occ; 99; 0;45958  
 28; 7059.8; 14-DEC-2010 12:55:04; Dark ; 58.0; 117; Pi Pup ; 2.71; 3800;occ; 116; 0;45958  
 29; 7257.2; 14-DEC-2010 12:58:21; Dark ; 56.0; 23; 21Eps CMa ; 1.50; 26000;occ; 112; 0;45958  
 30; 7536.2; 14-DEC-2010 13:03:00; Dark ; 54.0; 47; 2Bet CMa ; 1.98; 28000;occ; 108; 0;45958

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 3; 2068.0; 14-DEC-2010 13:12:06; Dark ; 63.5; 14; 58Alp Ori ; 0.87; 3000;occ; 127; 0;45958  
 4; 2178.6; 14-DEC-2010 13:13:57; Dark ; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;45958  
 5; 2319.2; 14-DEC-2010 13:16:17; Bright; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;45958  
 6; 2441.7; 14-DEC-2010 13:18:20; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;45958  
 7; 2661.9; 14-DEC-2010 13:22:00; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;45958  
 8; 2790.7; 14-DEC-2010 13:24:09; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;45958  
 9; 3720.1; 14-DEC-2010 13:29:38; Bright; 46.5; 36; 50Alp UMa ; 1.80; 6300;occ; 93; 0;45958  
 10; 3966.4; 14-DEC-2010 13:43:44; Bright; 43.0; 32; 77Eps UMa ; 1.76; 11000;occ; 86; 0;45958  
 11; 4117.8; 14-DEC-2010 13:46:16; Bright; 41.0; 39; 85Eta UMa ; 1.85; 24000;occ; 82; 0;45958  
 12; 4315.0; 14-DEC-2010 13:49:33; Bright; 36.5; 180; 27Gam Boo ; 3.04; 8000;occ; 73; 0;45958  
 13; 4505.4; 14-DEC-2010 13:52:43; Bright; 35.5; 83; ; 2.38; 11000;occ; 71; 0;45958  
 14; 4701.1; 14-DEC-2010 13:55:59; Bright; 41.0; 111; 8Eta Boo ; 2.68; 6000;occ; 82; 0;45958



15; 4930.1; 14-DEC-2010 13:59:48; Bright; 72.0; 138; 47Eps Vir ; 2.83; 4700;occ; 144; 0;45958  
 16; 5286.7; 14-DEC-2010 14:05:45; Dark ; 51.5; 15; 67Alp Vir ; 0.98; 28000;occ; 103; 0;45958  
 17; 5495.8; 14-DEC-2010 14:09:14; Dark ; 49.0; 169; 46Gam Hya ; 2.99; 4700;occ; 98; 0;45958  
 18; 5632.2; 14-DEC-2010 14:11:30; Dark ; 36.0; 100; 4Gam Crv ; 2.58; 13100;occ; 72; 0;45958  
 19; 5727.5; 14-DEC-2010 14:13:06; Dark ; 59.5; 171; 2Eps Crv ; 3.00; 4250;occ; 119; 0;45958  
 20; 5937.1; 14-DEC-2010 14:16:35; Dark ; 41.5; 64; Gam Cen ; 2.20; 10600;occ; 83; 0;45958  
 21; 6033.1; 14-DEC-2010 14:18:11; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;45959  
 22; 6258.7; 14-DEC-2010 14:21:57; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;45959  
 23; 6491.1; 14-DEC-2010 14:25:49; Dark ; 43.0; 71; Iot Car ; 2.25; 7700;occ; 86; 0;45959  
 24; 6575.9; 14-DEC-2010 14:27:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45959  
 25; 6767.4; 14-DEC-2010 14:30:25; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;45959  
 26; 6901.9; 14-DEC-2010 14:32:40; Dark ; 53.0; 2; Alp Car ; -0.74; 7000;occ; 106; 0;45959  
 27; 7060.3; 14-DEC-2010 14:35:18; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 0;45959  
 28; 7257.7; 14-DEC-2010 14:38:36; Dark ; 54.0; 23; 21Eps CMA ; 1.50; 26000;occ; 108; 0;45959

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1; -681.2; 15-DEC-2010 00:07:55; Dark ; 50.5; 15; 67Alp Vir ; 0.98; 28000;occ; 101; 84;45964  
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 4; -73.4; 15-DEC-2010 00:18:03; Dark ; 47.0; 64; Gam Cen ; 2.20; 10600;occ; 94; 0;45964  
 5; 23.0; 15-DEC-2010 00:19:39; Dark ; 43.5; 99; Del Cen ; 2.58; 26000;occ; 87; 0;45965  
 6; 249.8; 15-DEC-2010 00:23:26; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45965  
 7; 480.5; 15-DEC-2010 00:27:17; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;45965  
 8; 566.4; 15-DEC-2010 00:28:43; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45965  
 9; 757.7; 15-DEC-2010 00:31:54; Dark ; 50.5; 34; Gam2Vel ; 1.79; 23000;occ; 101; 0;45965  
 10; 890.1; 15-DEC-2010 00:34:06; Dark ; 51.5; 2; Alp Car ; -0.74; 7000;occ; 103; 0;45965  
 11; 1049.7; 15-DEC-2010 00:36:46; Dark ; 53.0; 117; Pi Pup ; 2.71; 3800;occ; 106; 0;45965  
 12; 1246.2; 15-DEC-2010 00:40:02; Dark ; 58.5; 23; 21Eps CMA ; 1.50; 26000;occ; 117; 0;45965  
 13; 1523.2; 15-DEC-2010 00:44:39; Dark ; 54.0; 47; 2Bet CMA ; 1.98; 28000;occ; 108; 0;45965  
 14; 1737.2; 15-DEC-2010 00:48:13; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;45965  
 15; 1873.6; 15-DEC-2010 00:50:30; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;45965  
 16; 2065.4; 15-DEC-2010 00:53:42; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;45965  
 17; 2177.9; 15-DEC-2010 00:55:34; Dark ; 47.5; 13; 87Alp Tau ; 0.87; 3800;occ; 95; 0;45965  
 18; 2315.9; 15-DEC-2010 00:57:52; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;45965  
 19; 2438.8; 15-DEC-2010 00:59:55; Bright; 44.0; 28; 12Bet Tau ; 1.65; 15200;occ; 88; 0;45965  
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 21; 2786.4; 15-DEC-2010 01:05:43; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;45965  
 22; 3686.1; 15-DEC-2010 01:20:42; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;45965  
 23; 3964.9; 15-DEC-2010 01:25:21; Bright; 62.0; 32; 77Eps UMa ; 1.76; 11000;occ; 124; 0;45965  
 24; 4117.3; 15-DEC-2010 01:27:54; Bright; 58.0; 39; 85Eta UMa ; 1.85; 24000;occ; 116; 0;45965  
 25; 4315.6; 15-DEC-2010 01:31:12; Bright; 35.0; 180; 27Gam Boo ; 3.04; 8000;occ; 70; 0;45965  
 26; 4506.5; 15-DEC-2010 01:34:23; Bright; 54.0; 83; ; 2.38; 11000;occ; 108; 0;45965  
 27; 4703.0; 15-DEC-2010 01:37:39; Bright; 40.0; 111; 8Eta Boo ; 2.68; 6000;occ; 80; 0;45965  
 28; 4934.7; 15-DEC-2010 01:41:31; Bright; 48.5; 138; 47Eps Vir ; 2.83; 4700;occ; 97; 0;45965

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 3; -277.5; 15-DEC-2010 01:54:53; Dark ; 57.5; 171; 2Eps Crv ; 3.00; 4250;occ; 115; 0;45965  
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 6; 250.7; 15-DEC-2010 02:03:41; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45966  
 7; 481.2; 15-DEC-2010 02:07:31; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;45966  
 8; 567.2; 15-DEC-2010 02:08:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45966  
 9; 758.4; 15-DEC-2010 02:12:09; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;45966  
 10; 890.5; 15-DEC-2010 02:14:21; Dark ; 40.0; 2; Alp Car ; -0.74; 7000;occ; 80; 0;45966  
 11; 1050.4; 15-DEC-2010 02:17:01; Dark ; 53.0; 117; Pi Pup ; 2.71; 3800;occ; 106; 0;45966  
 12; 1246.7; 15-DEC-2010 02:20:17; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;45966  
 13; 1523.4; 15-DEC-2010 02:24:54; Dark ; 56.0; 47; 2Bet CMA ; 1.98; 28000;occ; 112; 0;45966  
 14; 1737.3; 15-DEC-2010 02:28:28; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;45966  
 15; 1873.6; 15-DEC-2010 02:30:44; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;45966  
 16; 2065.0; 15-DEC-2010 02:33:55; Dark ; 67.0; 14; 58Alp Ori ; 0.87; 3000;occ; 134; 0;45966  
 17; 2177.9; 15-DEC-2010 02:35:48; Dark ; 50.5; 13; 87Alp Tau ; 0.87; 3800;occ; 101; 0;45966  
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5;-1507.2; 15-DEC-2010 03:14:37; Bright; 46.0; 83; ; 2.38; 11000;occ; 92; 0;45966
6;-1310.7; 15-DEC-2010 03:17:54; Bright; 50.5; 111; 8Eta Boo ; 2.68; 6000;occ; 101; 0;45966
7;-1078.7; 15-DEC-2010 03:21:46; Bright; 73.0; 138; 47Eps Vir ; 2.83; 4700;occ; 146; 0;45966
8; -721.8; 15-DEC-2010 03:27:43; Dark ; 55.5; 15; 67Alp Vir ; 0.98; 28000;occ; 111; 0;45966
9; -512.4; 15-DEC-2010 03:31:12; Dark ; 45.5; 169; 46Gam Hya ; 2.99; 4700;occ; 91; 0;45966
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11; -72.0; 15-DEC-2010 03:38:32; Dark ; 40.5; 64; Gam Cen ; 2.20; 10600;occ; 81; 0;45966
12; 24.7; 15-DEC-2010 03:40:09; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;45967
13; 251.7; 15-DEC-2010 03:43:56; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;45967
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19; 1247.3; 15-DEC-2010 04:00:32; Dark ; 54.5; 23; 21Eps CMa ; 1.50; 26000;occ; 109; 0;45967
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23; 2064.9; 15-DEC-2010 04:14:09; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;45967
24; 2178.0; 15-DEC-2010 04:16:02; Dark ; 53.5; 13; 87Alp Tau ; 0.87; 3800;occ; 107; 0;45967
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26; 2438.0; 15-DEC-2010 04:20:22; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;45967
27; 2656.2; 15-DEC-2010 04:24:01; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;45967
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 32; 3685.9; 16-DEC-2010 05:44:41; Bright; 26.5; 60; 7Bet UMi ; 2.08; 3950;occ; 53; 0;45982

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23; 2771.1; 16-DEC-2010 22:11:46; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;45992
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28; 4511.2; 16-DEC-2010 22:40:46; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;45992
29; 4711.4; 16-DEC-2010 22:44:06; Bright; 61.0; 111; 8Eta Boo ; 2.68; 6000;occ; 122; 0;45992
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 19; 5761.4; 16-DEC-2010 09:39:44; Dark ; 57.5; 171; 2Eps Crv ; 3.00; 4250;occ; 115; 0;45984  
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 28; 7218.6; 16-DEC-2010 10:04:01; Dark ; 34.0; 88; 31Eta CMa ; 2.45; 20000;occ; 68; 0;45985  
 29; 7310.0; 16-DEC-2010 10:05:33; Dark ; 53.0; 37; 25Del CMa ; 1.83; 5900;occ; 106; 0;45985  
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 3; 1871.7; 16-DEC-2010 10:15:09; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;45985



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7; 2431.1; 16-DEC-2010 10:24:28; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;45985
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9; 2775.3; 16-DEC-2010 10:30:12; Bright; 42.5; 42; 34Bet Aur ; 1.90; 10200;occ; 85; 0;45985
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22; 6051.7; 16-DEC-2010 11:24:49; Dark ; 42.0; 99; Del Cen ; 2.58; 26000;occ; 84; 0;45986
23; 6282.4; 16-DEC-2010 11:28:39; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;45986
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25; 6596.0; 16-DEC-2010 11:33:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45986
26; 6786.7; 16-DEC-2010 11:37:04; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;45986
27; 6913.6; 16-DEC-2010 11:39:10; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;45986
28; 7075.6; 16-DEC-2010 11:41:52; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;45986
29; 7219.1; 16-DEC-2010 11:44:16; Dark ; 38.0; 88; 31Eta CMA ; 2.45; 20000;occ; 76; 0;45986
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3; 1871.7; 16-DEC-2010 11:55:23; Dark ; 49.0; 30; 46Eps Ori ; 1.69; 30000;occ; 98; 0;45986
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7; 2430.6; 16-DEC-2010 12:04:41; Bright; 42.0; 28; 12Bet Tau ; 1.65; 15200;occ; 84; 0;45986
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9; 2774.6; 16-DEC-2010 12:10:25; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;45986
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15; 4709.7; 16-DEC-2010 12:42:41; Bright; 39.5; 111; 8Eta Boo ; 2.68; 6000;occ; 79; 0;45986
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22; 6052.3; 16-DEC-2010 13:05:03; Dark ; 42.5; 99; Del Cen ; 2.58; 26000;occ; 85; 0;45987
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26; 6787.4; 16-DEC-2010 13:17:18; Dark ; 49.5; 34; Gam2Vel ; 1.79; 23000;occ; 99; 0;45987
27; 6914.4; 16-DEC-2010 13:19:25; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;45987
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29; 7219.7; 16-DEC-2010 13:24:30; Dark ; 38.0; 88; 31Eta CMA ; 2.45; 20000;occ; 76; 0;45987
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3; 1871.7; 16-DEC-2010 13:35:36; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;45987
4; 2058.1; 16-DEC-2010 13:38:43; Dark ; 60.5; 14; 58Alp Ori ; 0.87; 3000;occ; 121; 0;45987
5; 2176.7; 16-DEC-2010 13:40:41; Dark ; 44.5; 13; 87Alp Tau ; 0.87; 3800;occ; 89; 0;45987
6; 2307.4; 16-DEC-2010 13:42:52; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;45987
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13; 4317.7; 16-DEC-2010 14:16:22; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;45987  
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16; 4949.2; 16-DEC-2010 14:26:54; Bright; 42.0; 138; 47Eps Vir ; 2.83; 4700;occ; 84; 0;45987  
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9; 2773.4; 16-DEC-2010 15:30:52; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;45988  
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13; 4317.9; 16-DEC-2010 15:56:37; Bright; 34.5; 180; 27Gam Boo ; 3.04; 8000;occ; 69; 0;45988  
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11; 2772.8; 16-DEC-2010 17:11:06; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;45989  
12; 3685.7; 16-DEC-2010 17:26:19; Bright; 36.5; 60; 7Bet UMi ; 2.08; 3950;occ; 73; 0;45989  
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14; 4116.0; 16-DEC-2010 17:33:29; Bright; 42.0; 39; 85Eta UMa ; 1.85; 24000;occ; 84; 0;45989

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 27; 6599.2; 16-DEC-2010 18:14:52; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45990  
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 29; 6916.7; 16-DEC-2010 18:20:10; Dark ; 53.5; 70; Zet Pup ; 2.25; 39000;occ; 107; 0;45990  
 30; 7078.0; 16-DEC-2010 18:22:51; Dark ; 30.5; 117; Pi Pup ; 2.71; 3800;occ; 61; 0;45990

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1; -698.6; 17-DEC-2010 00:34:24; Dark ; 57.0; 15; 67Alp Vir ; 0.98; 28000;occ; 114; 7;45993  
 2; -492.4; 17-DEC-2010 00:37:50; Dark ; 47.0; 169; 46Gam Hya ; 2.99; 4700;occ; 94; 0;45993  
 3; -240.6; 17-DEC-2010 00:42:02; Dark ; 35.0; 171; 2Eps Crv ; 3.00; 4250;occ; 70; 0;45993  
 4; -55.2; 17-DEC-2010 00:45:08; Dark ; 43.0; 64; Gam Cen ; 2.20; 10600;occ; 86; 0;45993  
 5; 43.0; 17-DEC-2010 00:46:46; Dark ; 44.0; 99; Del Cen ; 2.58; 26000;occ; 88; 0;45994  
 6; 275.5; 17-DEC-2010 00:50:38; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;45994  
 7; 498.6; 17-DEC-2010 00:54:22; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;45994  
 8; 588.1; 17-DEC-2010 00:55:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45994  
 9; 778.2; 17-DEC-2010 00:59:01; Dark ; 47.5; 34; Gam2Vel ; 1.79; 23000;occ; 95; 0;45994  
 10; 905.4; 17-DEC-2010 01:01:08; Dark ; 52.5; 70; Zet Pup ; 2.25; 39000;occ; 105; 0;45994  
 11; 1065.9; 17-DEC-2010 01:03:49; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;45994  
 12; 1258.4; 17-DEC-2010 01:07:01; Dark ; 52.5; 23; 21Eps CMa ; 1.50; 26000;occ; 105; 0;45994  
 13; 1364.4; 17-DEC-2010 01:08:47; Dark ; 39.0; 179; 240mi2CMa ; 3.03; 24000;occ; 78; 0;45994  
 14; 1527.5; 17-DEC-2010 01:11:30; Dark ; 51.0; 47; 2Bet CMa ; 1.98; 28000;occ; 102; 0;45994  
 15; 1738.3; 17-DEC-2010 01:15:01; Dark ; 50.0; 7; 19Bet Ori ; 0.10; 14000;occ; 100; 0;45994  
 16; 1870.9; 17-DEC-2010 01:17:14; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;45994  
 17; 2055.8; 17-DEC-2010 01:20:19; Dark ; 58.5; 14; 58Alp Ori ; 0.87; 3000;occ; 117; 0;45994  
 18; 2176.1; 17-DEC-2010 01:22:19; Dark ; 51.0; 13; 87Alp Tau ; 0.87; 3800;occ; 102; 0;45994  
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 20; 2427.4; 17-DEC-2010 01:26:30; Bright; 44.0; 28; 12Bet Tau ; 1.65; 15200;occ; 88; 0;45994  
 21; 2639.5; 17-DEC-2010 01:30:02; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;45994  
 22; 2770.0; 17-DEC-2010 01:32:13; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;45994  
 23; 3685.4; 17-DEC-2010 01:47:28; Bright; 37.5; 60; 7Bet UMi ; 2.08; 3950;occ; 75; 0;45994  
 24; 3958.4; 17-DEC-2010 01:52:01; Bright; 43.5; 32; 77Eps UMa ; 1.76; 11000;occ; 87; 0;45994  
 25; 4115.5; 17-DEC-2010 01:54:38; Bright; 43.0; 39; 85Eta UMa ; 1.85; 24000;occ; 86; 0;45994  
 26; 4318.1; 17-DEC-2010 01:58:01; Bright; 37.0; 180; 27Gam Boo ; 3.04; 8000;occ; 74; 0;45994  
 27; 4511.5; 17-DEC-2010 02:01:14; Bright; 43.0; 83; ; 2.38; 11000;occ; 86; 0;45994  
 28; 4712.1; 17-DEC-2010 02:04:35; Bright; 42.0; 111; 8Eta Boo ; 2.68; 6000;occ; 84; 0;45994

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 5; 276.5; 17-DEC-2010 02:30:53; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;45995  
 6; 499.3; 17-DEC-2010 02:34:36; Dark ; 41.5; 71; Iot Car ; 2.25; 7700;occ; 83; 0;45995  
 7; 588.8; 17-DEC-2010 02:36:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45995  
 8; 778.9; 17-DEC-2010 02:39:16; Dark ; 52.0; 34; Gam2Vel ; 1.79; 23000;occ; 104; 0;45995  
 9; 906.3; 17-DEC-2010 02:41:23; Dark ; 52.5; 70; Zet Pup ; 2.25; 39000;occ; 105; 0;45995  
 10; 1066.6; 17-DEC-2010 02:44:03; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;45995  
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 12; 1364.8; 17-DEC-2010 02:49:02; Dark ; 39.0; 179; 240mi2CMa ; 3.03; 24000;occ; 78; 0;45995  
 13; 1527.6; 17-DEC-2010 02:51:44; Dark ; 52.5; 47; 2Bet CMa ; 1.98; 28000;occ; 105; 0;45995  
 14; 1738.5; 17-DEC-2010 02:55:15; Dark ; 51.5; 7; 19Bet Ori ; 0.10; 14000;occ; 103; 0;45995  
 15; 1870.9; 17-DEC-2010 02:57:28; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;45995  
 16; 2055.5; 17-DEC-2010 03:00:32; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;45995  
 17; 2176.2; 17-DEC-2010 03:02:33; Dark ; 48.0; 13; 87Alp Tau ; 0.87; 3800;occ; 96; 0;45995  
 18; 2304.1; 17-DEC-2010 03:04:41; Bright; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;45995  
 19; 2427.2; 17-DEC-2010 03:06:44; Bright; 43.0; 28; 12Bet Tau ; 1.65; 15200;occ; 86; 0;45995  
 20; 2638.9; 17-DEC-2010 03:10:16; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;45995  
 21; 2769.5; 17-DEC-2010 03:12:26; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;45995

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 3;-1898.5; 17-DEC-2010 03:34:52; Bright; 59.0; 39; 85Eta UMa ; 1.85; 24000;occ; 118; 0;45995  
 4;-1695.9; 17-DEC-2010 03:38:15; Bright; 41.5; 180; 27Gam Boo ; 3.04; 8000;occ; 83; 0;45995  
 5;-1502.3; 17-DEC-2010 03:41:29; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;45995  
 6;-1301.7; 17-DEC-2010 03:44:49; Bright; 41.0; 111; 8Eta Boo ; 2.68; 6000;occ; 82; 0;45995  
 7; -700.5; 17-DEC-2010 03:54:50; Dark ; 51.0; 15; 67Alp Vir ; 0.98; 28000;occ; 102; 0;45995  
 8; -414.7; 17-DEC-2010 03:59:36; Dark ; 54.5; 163; 7Del Crv ; 2.94; 11000;occ; 109; 0;45995  
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 10; -237.8; 17-DEC-2010 04:02:33; Dark ; 29.0; 171; 2Eps Crv ; 3.00; 4250;occ; 58; 0;45995  
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 12; 44.6; 17-DEC-2010 04:07:16; Dark ; 40.5; 99; Del Cen ; 2.58; 26000;occ; 81; 0;45996  
 13; 277.4; 17-DEC-2010 04:11:08; Dark ; 46.5; 113; Mu Vel ; 2.69; 5000;occ; 93; 0;45996  
 14; 499.8; 17-DEC-2010 04:14:51; Dark ; 42.5; 71; Iot Car ; 2.25; 7700;occ; 85; 0;45996  
 15; 589.5; 17-DEC-2010 04:16:20; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45996  
 16; 779.7; 17-DEC-2010 04:19:31; Dark ; 46.5; 34; Gam2Vel ; 1.79; 23000;occ; 93; 0;45996  
 17; 907.1; 17-DEC-2010 04:21:38; Dark ; 51.5; 70; Zet Pup ; 2.25; 39000;occ; 103; 0;45996  
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 19; 1259.5; 17-DEC-2010 04:27:30; Dark ; 53.5; 23; 21Eps CMa ; 1.50; 26000;occ; 107; 0;45996  
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 22; 1738.6; 17-DEC-2010 04:35:30; Dark ; 53.5; 7; 19Bet Ori ; 0.10; 14000;occ; 107; 0;45996  
 23; 1870.9; 17-DEC-2010 04:37:42; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;45996  
 24; 2055.4; 17-DEC-2010 04:40:46; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;45996  
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 26; 2303.7; 17-DEC-2010 04:44:55; Bright; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;45996  
 27; 2426.9; 17-DEC-2010 04:46:58; Bright; 43.5; 28; 12Bet Tau ; 1.65; 15200;occ; 87; 0;45996  
 28; 2638.4; 17-DEC-2010 04:50:29; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;45996  
 29; 2769.0; 17-DEC-2010 04:52:40; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;45996  
 30; 3685.5; 17-DEC-2010 05:07:56; Bright; 35.5; 60; 7Bet UMi ; 2.08; 3950;occ; 71; 0;45996

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 4;-1695.9; 17-DEC-2010 05:18:29; Bright; 39.5; 180; 27Gam Boo ; 3.04; 8000;occ; 79; 0;45996  
 5;-1502.2; 17-DEC-2010 05:21:43; Bright; 36.5; 83; ; 2.38; 11000;occ; 73; 0;45996  
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 13; 500.4; 17-DEC-2010 05:55:06; Dark ; 43.0; 71; Iot Car ; 2.25; 7700;occ; 86; 0;45997  
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 16; 907.7; 17-DEC-2010 06:01:53; Dark ; 53.5; 70; Zet Pup ; 2.25; 39000;occ; 107; 0;45997  
 17; 1067.7; 17-DEC-2010 06:04:33; Dark ; 52.5; 117; Pi Pup ; 2.71; 3800;occ; 105; 0;45997  
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 19; 1365.4; 17-DEC-2010 06:09:30; Dark ; 44.0; 179; 240mi2CMa ; 3.03; 24000;occ; 88; 0;45997  
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 22; 1870.9; 17-DEC-2010 06:17:56; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;45997  
 23; 2055.0; 17-DEC-2010 06:21:00; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;45997  
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 27; 2637.7; 17-DEC-2010 06:30:43; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;45997  
 28; 2768.5; 17-DEC-2010 06:32:54; Bright; 41.5; 42; 34Bet Aur ; 1.90; 10200;occ; 83; 0;45997

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 3; -323.2; 18-DEC-2010 00:03:56; Dark ; 54.0; 106; 9Bet Crv ; 2.65; 5600;occ; 108; 0;46007  
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19; 2299.5; 18-DEC-2010 00:47:39; Bright; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;46008
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22; 2762.5; 18-DEC-2010 00:55:22; Bright; 41.5; 42; 34Bet Aur ; 1.90; 10200;occ; 83; 0;46008
23; 3685.1; 18-DEC-2010 01:10:44; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;46008
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9; -334.5; 17-DEC-2010 07:21:25; Dark ; 56.5; 106; 9Bet Crv ; 2.65; 5600;occ; 113; 0;45997
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19; 1365.9; 17-DEC-2010 07:49:45; Dark ; 49.0; 179; 240mi2CMA ; 3.03; 24000;occ; 98; 0;45998
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26; 7274.7; 17-DEC-2010 09:28:14; Dark ; 55.0; 23; 21Eps CMA ; 1.50; 26000;occ; 110; 0;45999

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21; 6074.5; 18-DEC-2010 16:52:40; Dark ; 42.5; 99; Del Cen ; 2.58; 26000;occ; 85; 0;46018  
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17; 2034.6; 23-DEC-2010 02:40:18; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;46081
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14; 658.1; 23-DEC-2010 03:57:35; Dark ; 53.5; 41; Eps Car ; 1.86; 4100;occ; 107; 0;46082
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16; 966.5; 23-DEC-2010 04:02:44; Dark ; 51.5; 70; Zet Pup ; 2.25; 39000;occ; 103; 0;46082
17; 1110.6; 23-DEC-2010 04:05:08; Dark ; 52.0; 117; Pi Pup ; 2.71; 3800;occ; 104; 0;46082
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19; 1391.3; 23-DEC-2010 04:09:49; Dark ; 49.0; 179; 240mi2CMa ; 3.03; 24000;occ; 98; 0;46082
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15;	1398.7;	25-DEC-2010	02:56:29;	Dark	;	49.0;	179;	240mi2CMa	;	3.03;	24000;occ;	98;	0;	46110
16;	1558.0;	25-DEC-2010	02:59:08;	Dark	;	52.0;	1;	9Alp CMa	;	-1.44;	11000;occ;	104;	0;	46110
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27; 7574.4; 26-DEC-2010 10:43:37; Dark ; 52.5; 1; 9Alp CMa ; -1.44; 11000;occ; 105; 0;46129
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 8; -318.6; 27-DEC-2010 06:15:06; Dark ; 47.0; 54; 5The Cen ; 2.06; 4500;occ; 94; 0;46140  
 9; -191.0; 27-DEC-2010 06:17:14; Dark ; 44.0; 123; Iot Cen ; 2.75; 10200;occ; 88; 0;46140  
 10; 47.8; 27-DEC-2010 06:21:13; Dark ; 44.0; 64; Gam Cen ; 2.20; 10600;occ; 88; 0;46141  
 11; 148.5; 27-DEC-2010 06:22:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46141  
 12; 408.7; 27-DEC-2010 06:27:14; Dark ; 48.0; 113; Mu Vel ; 2.69; 5000;occ; 96; 0;46141  
 13; 585.9; 27-DEC-2010 06:30:11; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;46141  
 14; 687.0; 27-DEC-2010 06:31:52; Dark ; 50.0; 41; Eps Car ; 1.86; 4100;occ; 100; 0;46141  
 15; 871.2; 27-DEC-2010 06:34:56; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;46141  
 16; 1002.4; 27-DEC-2010 06:37:07; Dark ; 48.5; 70; Zet Pup ; 2.25; 39000;occ; 97; 0;46141  
 17; 1136.6; 27-DEC-2010 06:39:22; Dark ; 52.5; 117; Pi Pup ; 2.71; 3800;occ; 105; 0;46141  
 18; 1310.9; 27-DEC-2010 06:42:16; Dark ; 49.0; 23; 21Eps CMa ; 1.50; 26000;occ; 98; 0;46141  
 19; 1406.8; 27-DEC-2010 06:43:52; Dark ; 46.5; 179; 240mi2CMa ; 3.03; 24000;occ; 93; 0;46141  
 20; 1561.8; 27-DEC-2010 06:46:27; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;46141  
 21; 1713.9; 27-DEC-2010 06:48:59; Dark ; 45.0; 56; 53Kap Ori ; 2.07; 30000;occ; 90; 0;46141  
 22; 1866.8; 27-DEC-2010 06:51:32; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;46141  
 23; 2025.9; 27-DEC-2010 06:54:11; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;46141  
 24; 2241.5; 27-DEC-2010 06:57:46; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;46141  
 25; 2390.9; 27-DEC-2010 07:00:16; Bright; 41.0; 28; 12Bet Tau ; 1.65; 15200;occ; 82; 0;46141  
 26; 2572.1; 27-DEC-2010 07:03:17; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;46141  
 27; 2685.5; 27-DEC-2010 07:05:10; Bright; 41.5; 6; 13Alp Aur ; 0.08; 3400;occ; 83; 0;46141  
 28; 3618.4; 27-DEC-2010 07:20:43; Bright; 48.0; 36; 50Alp UMa ; 1.80; 6300;occ; 96; 0;46141

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1; 1006.8; 27-DEC-2010 19:59:04; Dark ; 47.5; 70; Zet Pup ; 2.25; 39000;occ; 95; 0;46149  
 2; 1139.7; 27-DEC-2010 20:01:17; Dark ; 47.0; 117; Pi Pup ; 2.71; 3800;occ; 94; 0;46149  
 3; 1313.2; 27-DEC-2010 20:04:10; Dark ; 50.0; 23; 21Eps CMa ; 1.50; 26000;occ; 100; 0;46149  
 4; 1408.7; 27-DEC-2010 20:05:46; Dark ; 46.0; 179; 240mi2CMa ; 3.03; 24000;occ; 92; 0;46149  
 5; 1562.7; 27-DEC-2010 20:08:20; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;46149  
 6; 1714.2; 27-DEC-2010 20:10:51; Dark ; 45.0; 56; 53Kap Ori ; 2.07; 30000;occ; 90; 0;46149  
 7; 1866.7; 27-DEC-2010 20:13:24; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;46149  
 8; 2024.6; 27-DEC-2010 20:16:02; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;46149  
 9; 2237.9; 27-DEC-2010 20:19:35; Dark ; 58.5; 44; 24Gam Gem ; 1.93; 11000;occ; 117; 0;46149  
 10; 2333.9; 27-DEC-2010 20:21:11; Bright; 49.0; 151; 13Mu Gem ; 2.89; 3000;occ; 98; 0;46149  
 11; 2458.4; 27-DEC-2010 20:23:16; Bright; 38.5; 114; 3Iot Aur ; 2.69; 4600;occ; 77; 0;46149  
 12; 2569.1; 27-DEC-2010 20:25:06; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;46149  
 13; 2684.1; 27-DEC-2010 20:27:01; Bright; 41.0; 6; 13Alp Aur ; 0.08; 3400;occ; 82; 0;46149  
 14; 3613.3; 27-DEC-2010 20:42:30; Bright; 45.0; 36; 50Alp UMa ; 1.80; 6300;occ; 90; 0;46149  
 15; 3912.9; 27-DEC-2010 20:47:30; Bright; 67.0; 32; 77Eps UMa ; 1.76; 11000;occ; 134; 0;46149  
 16; 4098.0; 27-DEC-2010 20:50:35; Bright; 43.0; 39; 85Eta UMa ; 1.85; 24000;occ; 86; 0;46149  
 17; 4328.6; 27-DEC-2010 20:54:26; Bright; 60.0; 180; 27Gam Boo ; 3.04; 8000;occ; 120; 0;46149  
 18; 4539.8; 27-DEC-2010 20:57:57; Bright; 59.0; 83; ; 2.38; 11000;occ; 118; 0;46149  
 19; 4771.3; 27-DEC-2010 21:01:48; Bright; 71.5; 111; 8Eta Boo ; 2.68; 6000;occ; 143; 0;46149

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1; -717.3; 27-DEC-2010 21:10:34; Dark ; 45.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 90; 0;46149  
 2; -555.9; 27-DEC-2010 21:13:15; Dark ; 66.0; 15; 67Alp Vir ; 0.98; 28000;occ; 132; 0;46149  
 3; -312.9; 27-DEC-2010 21:17:18; Dark ; 48.5; 54; 5The Cen ; 2.06; 4500;occ; 97; 0;46149  
 4; -183.3; 27-DEC-2010 21:19:28; Dark ; 45.0; 123; Iot Cen ; 2.75; 10200;occ; 90; 0;46149  
 5; 54.6; 27-DEC-2010 21:23:26; Dark ; 44.5; 64; Gam Cen ; 2.20; 10600;occ; 89; 0;46150  
 6; 156.6; 27-DEC-2010 21:25:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46150  
 7; 416.7; 27-DEC-2010 21:29:28; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;46150  
 8; 590.9; 27-DEC-2010 21:32:22; Dark ; 44.0; 71; Iot Car ; 2.25; 7700;occ; 88; 0;46150  
 9; 691.1; 27-DEC-2010 21:34:02; Dark ; 49.0; 41; Eps Car ; 1.86; 4100;occ; 98; 0;46150  
 10; 876.1; 27-DEC-2010 21:37:07; Dark ; 46.0; 34; Gam2Vel ; 1.79; 23000;occ; 92; 0;46150  
 11; 1007.3; 27-DEC-2010 21:39:18; Dark ; 51.5; 70; Zet Pup ; 2.25; 39000;occ; 103; 0;46150  
 12; 1140.2; 27-DEC-2010 21:41:31; Dark ; 50.0; 117; Pi Pup ; 2.71; 3800;occ; 100; 0;46150  
 13; 1313.5; 27-DEC-2010 21:44:25; Dark ; 44.0; 23; 21Eps CMa ; 1.50; 26000;occ; 88; 0;46150  
 14; 1408.7; 27-DEC-2010 21:46:00; Dark ; 48.5; 179; 240mi2CMa ; 3.03; 24000;occ; 97; 0;46150  
 15; 1562.7; 27-DEC-2010 21:48:34; Dark ; 51.5; 1; 9Alp CMa ; -1.44; 11000;occ; 103; 0;46150  
 16; 1714.2; 27-DEC-2010 21:51:05; Dark ; 43.0; 56; 53Kap Ori ; 2.07; 30000;occ; 86; 0;46150  
 17; 1866.8; 27-DEC-2010 21:53:38; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;46150  
 18; 2024.5; 27-DEC-2010 21:56:16; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;46150

19; 2237.3; 27-DEC-2010 21:59:48; Dark ; 55.0; 44; 24Gam Gem ; 1.93; 11000;occ; 110; 0;46150  
 20; 2333.3; 27-DEC-2010 22:01:24; Bright; 47.0; 151; 13Mu Gem ; 2.89; 3000;occ; 94; 0;46150  
 21; 2458.3; 27-DEC-2010 22:03:29; Bright; 37.0; 114; 3Iot Aur ; 2.69; 4600;occ; 74; 0;46150  
 22; 2568.7; 27-DEC-2010 22:05:20; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;46150  
 23; 2683.9; 27-DEC-2010 22:07:15; Bright; 41.5; 6; 13Alp Aur ; 0.08; 3400;occ; 83; 0;46150  
 24; 3612.6; 27-DEC-2010 22:22:44; Bright; 44.0; 36; 50Alp UMa ; 1.80; 6300;occ; 88; 0;46150  
 25; 3912.6; 27-DEC-2010 22:27:44; Bright; 58.5; 32; 77Eps UMa ; 1.76; 11000;occ; 117; 0;46150  
 26; 4097.7; 27-DEC-2010 22:30:49; Bright; 64.0; 39; 85Eta UMa ; 1.85; 24000;occ; 128; 0;46150  
 27; 4328.5; 27-DEC-2010 22:34:40; Bright; 60.0; 180; 27Gam Boo ; 3.04; 8000;occ; 120; 0;46150  
 28; 4540.1; 27-DEC-2010 22:38:11; Bright; 59.0; 83; ; 2.38; 11000;occ; 118; 0;46150  
 29; 4771.7; 27-DEC-2010 22:42:03; Bright; 71.5; 111; 8Eta Boo ; 2.68; 6000;occ; 143; 0;46150

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1; -717.0; 27-DEC-2010 22:50:48; Dark ; 47.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 94; 0;46150  
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 3; -312.4; 27-DEC-2010 22:57:33; Dark ; 46.5; 54; 5The Cen ; 2.06; 4500;occ; 93; 0;46150  
 4; -141.9; 27-DEC-2010 23:00:23; Dark ; 39.5; 95; Zet Cen ; 2.55; 26000;occ; 79; 0;46150  
 5; 157.5; 27-DEC-2010 23:05:23; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46151  
 6; 417.6; 27-DEC-2010 23:09:43; Dark ; 50.5; 113; Mu Vel ; 2.69; 5000;occ; 101; 0;46151  
 7; 591.4; 27-DEC-2010 23:12:37; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;46151  
 8; 691.5; 27-DEC-2010 23:14:17; Dark ; 49.5; 41; Eps Car ; 1.86; 4100;occ; 99; 0;46151  
 9; 876.7; 27-DEC-2010 23:17:22; Dark ; 51.0; 34; Gam2Vel ; 1.79; 23000;occ; 102; 0;46151  
 10; 1007.6; 27-DEC-2010 23:19:33; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;46151  
 11; 1140.4; 27-DEC-2010 23:21:46; Dark ; 52.5; 117; Pi Pup ; 2.71; 3800;occ; 105; 0;46151  
 12; 1313.8; 27-DEC-2010 23:24:39; Dark ; 50.5; 23; 21Eps CMa ; 1.50; 26000;occ; 101; 0;46151  
 13; 1409.0; 27-DEC-2010 23:26:14; Dark ; 47.5; 179; 240mi2CMa ; 3.03; 24000;occ; 95; 0;46151  
 14; 1562.9; 27-DEC-2010 23:28:48; Dark ; 50.0; 1; 9Alp CMa ; -1.44; 11000;occ; 100; 0;46151  
 15; 1714.3; 27-DEC-2010 23:31:19; Dark ; 41.0; 56; 53Kap Ori ; 2.07; 30000;occ; 82; 0;46151  
 16; 1866.8; 27-DEC-2010 23:33:52; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;46151  
 17; 2024.4; 27-DEC-2010 23:36:29; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;46151  
 18; 2236.8; 27-DEC-2010 23:40:02; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;46151  
 19; 2333.0; 27-DEC-2010 23:41:38; Bright; 48.5; 151; 13Mu Gem ; 2.89; 3000;occ; 97; 0;46151  
 20; 2458.4; 27-DEC-2010 23:43:43; Bright; 39.5; 114; 3Iot Aur ; 2.69; 4600;occ; 79; 0;46151  
 21; 2568.5; 27-DEC-2010 23:45:34; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;46151  
 22; 2683.7; 27-DEC-2010 23:47:29; Bright; 40.0; 6; 13Alp Aur ; 0.08; 3400;occ; 80; 0;46151  
 23; 3611.9; 28-DEC-2010 00:02:57; Bright; 44.0; 36; 50Alp UMa ; 1.80; 6300;occ; 88; 0;46151  
 24; 3912.3; 28-DEC-2010 00:07:57; Bright; 45.5; 32; 77Eps UMa ; 1.76; 11000;occ; 91; 0;46151  
 25; 4097.5; 28-DEC-2010 00:11:03; Bright; 64.0; 39; 85Eta UMa ; 1.85; 24000;occ; 128; 0;46151  
 26; 4328.7; 28-DEC-2010 00:14:54; Bright; 60.0; 180; 27Gam Boo ; 3.04; 8000;occ; 120; 0;46151  
 27; 4540.2; 28-DEC-2010 00:18:25; Bright; 59.0; 83; ; 2.38; 11000;occ; 118; 0;46151  
 28; 4772.1; 28-DEC-2010 00:22:17; Bright; 72.0; 111; 8Eta Boo ; 2.68; 6000;occ; 144; 0;46151  
 29; 5297.6; 28-DEC-2010 00:31:03; Dark ; 46.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 92; 0;46151

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1; -2098.2; 27-DEC-2010 07:25:41; Bright; 47.5; 32; 77Eps UMa ; 1.76; 11000;occ; 95; 0;46141  
 2; -1914.7; 27-DEC-2010 07:28:44; Bright; 42.5; 39; 85Eta UMa ; 1.85; 24000;occ; 85; 0;46141  
 3; -1685.8; 27-DEC-2010 07:32:33; Bright; 45.0; 180; 27Gam Boo ; 3.04; 8000;occ; 90; 0;46141  
 4; -1475.6; 27-DEC-2010 07:36:03; Bright; 39.0; 83; ; 2.38; 11000;occ; 78; 0;46141  
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 11; 149.4; 27-DEC-2010 08:03:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46142  
 12; 409.5; 27-DEC-2010 08:07:28; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;46142  
 13; 586.4; 27-DEC-2010 08:10:25; Dark ; 43.0; 71; Iot Car ; 2.25; 7700;occ; 86; 0;46142  
 14; 687.6; 27-DEC-2010 08:12:07; Dark ; 50.0; 41; Eps Car ; 1.86; 4100;occ; 100; 0;46142  
 15; 871.8; 27-DEC-2010 08:15:11; Dark ; 45.5; 34; Gam2Vel ; 1.79; 23000;occ; 91; 0;46142  
 16; 1002.8; 27-DEC-2010 08:17:22; Dark ; 47.0; 70; Zet Pup ; 2.25; 39000;occ; 94; 0;46142  
 17; 1136.9; 27-DEC-2010 08:19:36; Dark ; 50.0; 117; Pi Pup ; 2.71; 3800;occ; 100; 0;46142  
 18; 1311.2; 27-DEC-2010 08:22:30; Dark ; 49.5; 23; 21Eps CMa ; 1.50; 26000;occ; 99; 0;46142  
 19; 1406.9; 27-DEC-2010 08:24:06; Dark ; 47.0; 179; 240mi2CMa ; 3.03; 24000;occ; 94; 0;46142  
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 5; 2241.1; 27-DEC-2010 08:38:00; Dark ; 51.5; 44; 24Gam Gem ; 1.93; 11000;occ; 103; 0;46142



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7;	2571.8;	27-DEC-2010	08:43:31;	Bright;	39.5;	107;	37The Aur	;	2.65;	11000;occ;	79;	0;	46142	
8;	2685.3;	27-DEC-2010	08:45:24;	Bright;	40.0;	6;	13Alp Aur	;	0.08;	3400;occ;	80;	0;	46142	
9;	3617.8;	27-DEC-2010	09:00:57;	Bright;	48.0;	36;	50Alp UMa	;	1.80;	6300;occ;	96;	0;	46142	
10;	3915.6;	27-DEC-2010	09:05:55;	Bright;	47.0;	32;	77Eps UMa	;	1.76;	11000;occ;	94;	0;	46142	
11;	4099.2;	27-DEC-2010	09:08:58;	Bright;	57.0;	39;	85Eta UMa	;	1.85;	24000;occ;	114;	0;	46142	
12;	4328.4;	27-DEC-2010	09:12:47;	Bright;	41.0;	180;	27Gam Boo	;	3.04;	8000;occ;	82;	0;	46142	
13;	4538.7;	27-DEC-2010	09:16:18;	Bright;	39.0;	83;		;	2.38;	11000;occ;	78;	0;	46142	
14;	4768.1;	27-DEC-2010	09:20:07;	Bright;	50.5;	111;	8Eta Boo	;	2.68;	6000;occ;	101;	0;	46142	
15;	5293.3;	27-DEC-2010	09:28:52;	Dark	;	45.0;	122;	9Alp2Lib	;	2.75;	9700;occ;	90;	0;	46142
16;	5450.1;	27-DEC-2010	09:31:29;	Dark	;	58.5;	15;	67Alp Vir	;	0.98;	28000;occ;	117;	0;	46142
17;	5696.7;	27-DEC-2010	09:35:36;	Dark	;	48.0;	54;	5The Cen	;	2.06;	4500;occ;	96;	0;	46142
18;	5824.7;	27-DEC-2010	09:37:44;	Dark	;	45.5;	123;	Iot Cen	;	2.75;	10200;occ;	91;	0;	46142
19;	6063.4;	27-DEC-2010	09:41:42;	Dark	;	45.5;	64;	Gam Cen	;	2.20;	10600;occ;	91;	0;	46143
20;	6164.3;	27-DEC-2010	09:43:23;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	46143
21;	6424.7;	27-DEC-2010	09:47:44;	Dark	;	47.0;	113;	Mu Vel	;	2.69;	5000;occ;	94;	0;	46143
22;	6600.8;	27-DEC-2010	09:50:40;	Dark	;	42.5;	71;	Iot Car	;	2.25;	7700;occ;	85;	0;	46143
23;	6702.0;	27-DEC-2010	09:52:21;	Dark	;	47.0;	41;	Eps Car	;	1.86;	4100;occ;	94;	0;	46143
24;	6886.4;	27-DEC-2010	09:55:25;	Dark	;	44.0;	34;	Gam2Vel	;	1.79;	23000;occ;	88;	0;	46143
25;	7017.4;	27-DEC-2010	09:57:36;	Dark	;	48.0;	70;	Zet Pup	;	2.25;	39000;occ;	96;	0;	46143
26;	7151.5;	27-DEC-2010	09:59:50;	Dark	;	50.0;	117;	Pi Pup	;	2.71;	3800;occ;	100;	0;	46143
27;	7325.5;	27-DEC-2010	10:02:45;	Dark	;	48.0;	23;	21Eps CMa	;	1.50;	26000;occ;	96;	0;	46143
28;	7421.2;	27-DEC-2010	10:04:20;	Dark	;	47.5;	179;	240mi2CMa	;	3.03;	24000;occ;	95;	0;	46143
29;	7576.3;	27-DEC-2010	10:06:55;	Dark	;	58.5;	1;	9Alp CMa	;	-1.44;	11000;occ;	117;	0;	46143
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3;	2025.6;	27-DEC-2010	10:14:39;	Dark	;	56.0;	14;	58Alp Ori	;	0.87;	3000;occ;	112;	0;	46143
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22; 6634.3; 31-DEC-2010 14:05:14; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;46203
23; 6729.6; 31-DEC-2010 14:06:50; Dark ; 43.5; 41; Eps Car ; 1.86; 4100;occ; 87; 0;46203
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 27; 7175.5; 31-DEC-2010 15:54:30; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;46204  
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 11; 3672.5; 31-DEC-2010 16:36:21; Bright; 38.0; 60; 7Bet UMi ; 2.08; 3950;occ; 76; 0;46204  
 12; 3892.1; 31-DEC-2010 16:40:00; Bright; 48.0; 32; 77Eps UMa ; 1.76; 11000;occ; 96; 0;46204  
 13; 4088.1; 31-DEC-2010 16:43:16; Bright; 46.5; 39; 85Eta UMa ; 1.85; 24000;occ; 93; 0;46204  
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 17; 5168.7; 31-DEC-2010 17:01:17; Bright; 56.0; 104; 27Bet Lib ; 2.61; 13100;occ; 112; 0;46204  
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 22; 6221.0; 31-DEC-2010 17:18:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46205  
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 13; 3891.6; 31-DEC-2010 18:20:14; Bright; 44.0; 32; 77Eps UMa ; 1.76; 11000;occ; 88; 0;46205  
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 16; 4551.1; 31-DEC-2010 18:31:13; Bright; 62.0; 83; ; 2.38; 11000;occ; 124; 0;46205  
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 22; 6112.9; 31-DEC-2010 18:57:15; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;46206  
 23; 6221.9; 31-DEC-2010 18:59:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46206  
 24; 6481.2; 31-DEC-2010 19:03:24; Dark ; 52.0; 113; Mu Vel ; 2.69; 5000;occ; 104; 0;46206  
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 26; 6749.9; 31-DEC-2010 19:07:52; Dark ; 47.0; 46; Del Vel ; 1.95; 10600;occ; 94; 0;46206  
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4;	1422.0;	31-DEC-2010	19:19:18;	Dark	;	42.5;	179;	24Omi2CMa	;	3.03;	24000;occ;	85;	0;	46206
5;	1569.9;	31-DEC-2010	19:21:46;	Dark	;	48.0;	1;	9Alp CMa	;	-1.44;	11000;occ;	96;	0;	46206
6;	1719.2;	31-DEC-2010	19:24:16;	Dark	;	42.0;	56;	53Kap Ori	;	2.07;	30000;occ;	84;	0;	46206
7;	1869.3;	31-DEC-2010	19:26:46;	Dark	;	44.5;	30;	46Eps Ori	;	1.69;	30000;occ;	89;	0;	46206
8;	2020.2;	31-DEC-2010	19:29:17;	Dark	;	55.0;	14;	58Alp Ori	;	0.87;	3000;occ;	110;	0;	46206
9;	2215.8;	31-DEC-2010	19:32:32;	Dark	;	57.0;	44;	24Gam Gem	;	1.93;	11000;occ;	114;	0;	46206
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11;	2552.7;	31-DEC-2010	19:38:09;	Bright;	;	39.0;	107;	37The Aur	;	2.65;	11000;occ;	78;	0;	46206
12;	2677.7;	31-DEC-2010	19:40:14;	Bright;	;	41.0;	6;	13Alp Aur	;	0.08;	3400;occ;	82;	0;	46206
13;	3672.2;	31-DEC-2010	19:56:49;	Bright;	;	35.0;	60;	7Bet UMi	;	2.08;	3950;occ;	70;	0;	46206
14;	3891.1;	31-DEC-2010	20:00:28;	Bright;	;	49.5;	32;	77Eps UMa	;	1.76;	11000;occ;	99;	0;	46206
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16;	4330.9;	31-DEC-2010	20:07:47;	Bright;	;	62.0;	180;	27Gam Boo	;	3.04;	8000;occ;	124;	0;	46206
17;	4551.4;	31-DEC-2010	20:11:28;	Bright;	;	62.0;	83;		;	2.38;	11000;occ;	124;	0;	46206
18;	4746.2;	31-DEC-2010	20:14:43;	Bright;	;	53.5;	3;	16Alp Boo	;	-0.05;	4250;occ;	107;	0;	46206
19;	5169.6;	31-DEC-2010	20:21:46;	Bright;	;	56.0;	104;	27Bet Lib	;	2.61;	13100;occ;	112;	0;	46206
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21;	5739.5;	31-DEC-2010	20:31:16;	Dark	;	48.5;	54;	5The Cen	;	2.06;	4500;occ;	97;	0;	46206
22;	5904.9;	31-DEC-2010	20:34:01;	Dark	;	42.0;	95;	Zet Cen	;	2.55;	26000;occ;	84;	0;	46206
23;	6113.8;	31-DEC-2010	20:37:30;	Dark	;	44.5;	64;	Gam Cen	;	2.20;	10600;occ;	89;	0;	46207
24;	6222.7;	31-DEC-2010	20:39:19;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	46207
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27;	6750.2;	31-DEC-2010	20:48:07;	Dark	;	42.5;	46;	Del Vel	;	1.95;	10600;occ;	85;	0;	46207
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29;	7051.8;	31-DEC-2010	20:53:08;	Dark	;	23.5;	70;	Zet Pup	;	2.25;	39000;occ;	47;	0;	46207