

# GOMOS Daily Report 14-AUG-2010

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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	17AUG2010 04:52:07
Data source version	GOMOS/5.01
Start time of products	14AUG2010 00:04:32
Stop time of products	14AUG2010 23:58:18
Store outputs in DB	Yes
Nb of level 1b prods	139
Nb of prods with errors	0

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

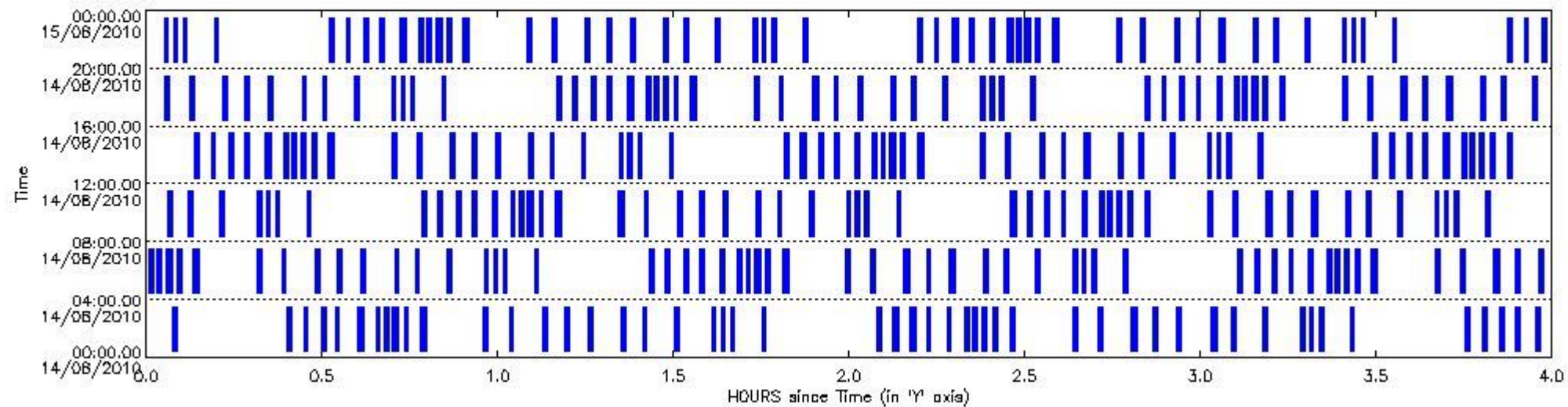
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

No missing products.

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

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100814_000432_000000402092_00059_44201_5127.N1	14-AUG-2010 00:04:32	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44201	No
2	GOM_TRA_1PNPDE20100814_002402_000000492092_00059_44201_5128.N1	14-AUG-2010 00:24:02	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44201	No
3	GOM_TRA_1PNPDE20100814_002651_000000392092_00059_44201_5129.N1	14-AUG-2010 00:26:51	Bright	38.500	107	37The Aur	2.6490	11000.	77	44201	No
4	GOM_TRA_1PNPDE20100814_002953_000000502092_00059_44201_5130.N1	14-AUG-2010 00:29:53	Twilight_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	44201	No
5	GOM_TRA_1PNPDE20100814_003211_000000452092_00059_44201_5131.N1	14-AUG-2010 00:32:11	Twilight_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	44201	No
6	GOM_TRA_1PNPDE20100814_003604_000000582092_00059_44201_5132.N1	14-AUG-2010 00:36:04	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	44201	No
7	GOM_TRA_1PNPDE20100814_003910_000000442092_00059_44201_5133.N1	14-AUG-2010 00:39:10	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	44201	No
8	GOM_TRA_1PNPDE20100814_004034_000000452092_00059_44201_5134.N1	14-AUG-2010 00:40:34	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	44201	No
9	GOM_TRA_1PNPDE20100814_004203_000000622092_00059_44201_5142.N1	14-AUG-2010 00:42:03	Dark	61.500	7	19Bet Ori	0.10000	14000.	123	44201	No
10	GOM_TRA_1PNPDE20100814_004359_000000462092_00059_44201_5143.N1	14-AUG-2010 00:43:59	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44201	No
11	GOM_TRA_1PNPDE20100814_005733_000000502092_00060_44202_5144.N1	14-AUG-2010 00:57:33	Dark	49.500	157	The1Eri	2.9060	9300.0	99	44202	No
12	GOM_TRA_1PNPDE20100814_010155_000000442092_00060_44202_5145.N1	14-AUG-2010 01:01:55	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44202	No

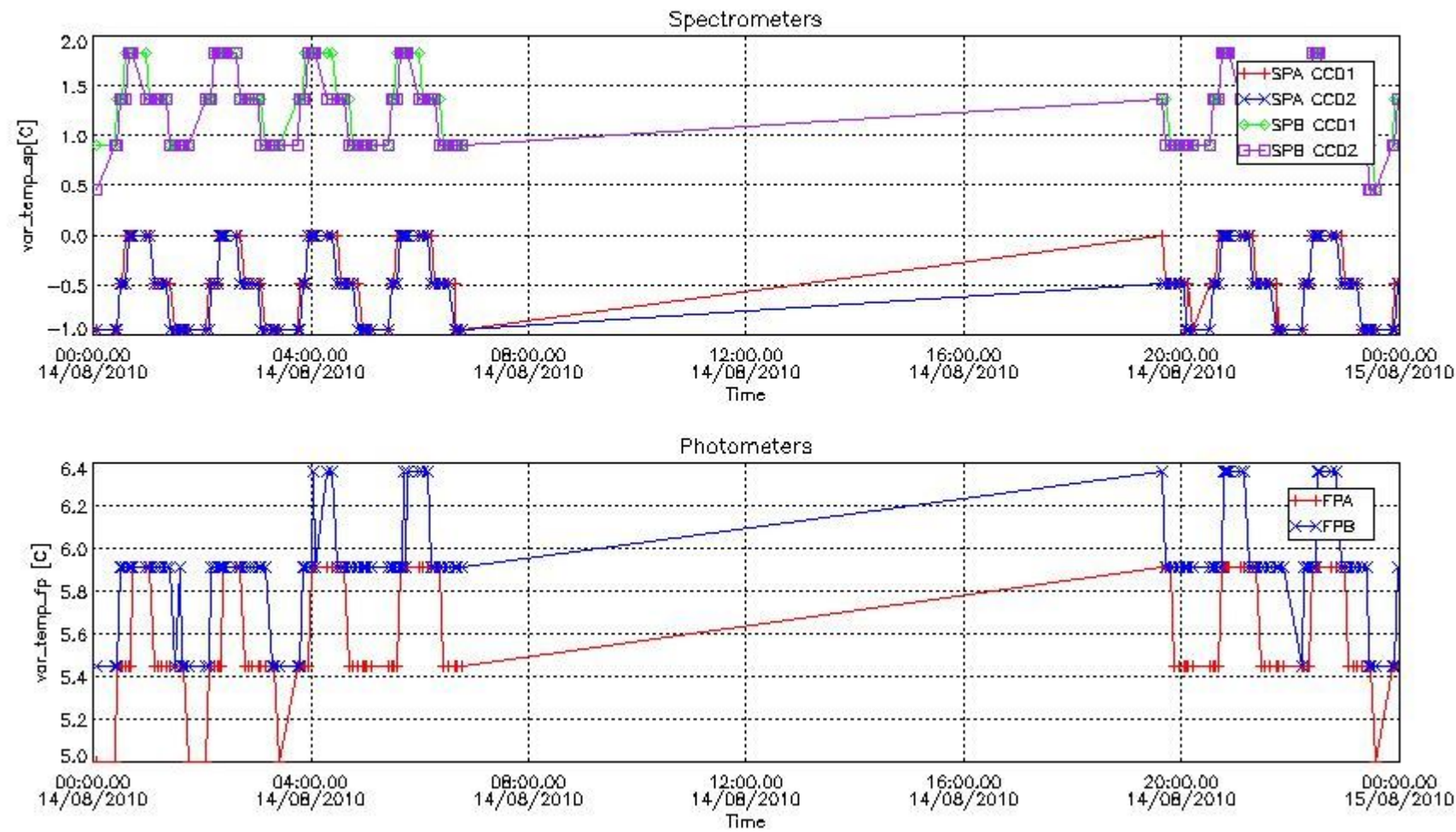
13	GOM_TRA_1PNPDE20100814_010734_000000622092_00060_44202_5146.N1	14-AUG-2010 01:07:34	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	44202	No
14	GOM_TRA_1PNPDE20100814_011124_000000422092_00060_44202_5147.N1	14-AUG-2010 01:11:24	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	44202	No
15	GOM_TRA_1PNPDE20100814_011519_000000562092_00060_44202_5148.N1	14-AUG-2010 01:15:19	Twilight_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	44202	No
16	GOM_TRA_1PNPDE20100814_012110_000000472092_00060_44202_5149.N1	14-AUG-2010 01:21:10	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44202	No
17	GOM_TRA_1PNPDE20100814_012443_000000442092_00060_44202_5150.N1	14-AUG-2010 01:24:43	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	44202	No
18	GOM_TRA_1PNPDE20100814_013007_000000502092_00060_44202_5151.N1	14-AUG-2010 01:30:07	Bright	50.000	61	8Eps Peg	2.1000	3900.0	100	44202	No
19	GOM_TRA_1PNPDE20100814_013632_000000382092_00060_44202_5152.N1	14-AUG-2010 01:36:32	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	44202	No
20	GOM_TRA_1PNPDE20100814_013804_000000372092_00060_44202_5153.N1	14-AUG-2010 01:38:04	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	44202	No
21	GOM_TRA_1PNPDE20100814_013944_000000402092_00060_44202_5154.N1	14-AUG-2010 01:39:44	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	44202	No
22	GOM_TRA_1PNPDE20100814_014507_000000392092_00060_44202_5155.N1	14-AUG-2010 01:45:07	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44202	No
23	GOM_TRA_1PNPDE20100814_020438_000000612092_00060_44202_5156.N1	14-AUG-2010 02:04:38	Bright	61.000	6	13Alp Aur	0.080000	3400.0	122	44202	No
24	GOM_TRA_1PNPDE20100814_020726_000000572092_00060_44202_5157.N1	14-AUG-2010 02:07:26	Bright	57.000	107	37The Aur	2.6490	11000.	114	44202	No
25	GOM_TRA_1PNPDE20100814_021029_000000512092_00060_44202_5158.N1	14-AUG-2010 02:10:29	Twilight_and_stray	51.000	28	12Bet Tau	1.6500	15200.	102	44202	No
26	GOM_TRA_1PNPDE20100814_021316_000000412092_00060_44202_5159.N1	14-AUG-2010 02:13:16	Twilight_and_stray	41.000	44	24Gam Gem	1.9280	11000.	82	44202	No
27	GOM_TRA_1PNPDE20100814_021640_000000432092_00060_44202_5160.N1	14-AUG-2010 02:16:40	Dark	43.000	14	58Alp Ori	0.87000	3000.0	86	44202	No
28	GOM_TRA_1PNPDE20100814_021946_000000502092_00060_44202_5167.N1	14-AUG-2010 02:19:46	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	44202	No
29	GOM_TRA_1PNPDE20100814_022110_000000452092_00060_44202_5168.N1	14-AUG-2010 02:21:10	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	44202	No
30	GOM_TRA_1PNPDE20100814_022240_000000572092_00060_44202_5169.N1	14-AUG-2010 02:22:40	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	44202	No
31	GOM_TRA_1PNPDE20100814_022435_000000462092_00060_44202_5170.N1	14-AUG-2010 02:24:35	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44202	No
32	GOM_TRA_1PNPDE20100814_023809_000000492092_00061_44203_5171.N1	14-AUG-2010 02:38:09	Dark	48.500	157	The1Eri	2.9060	9300.0	97	44203	No
33	GOM_TRA_1PNPDE20100814_024232_000000462092_00061_44203_5172.N1	14-AUG-2010 02:42:32	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44203	No
34	GOM_TRA_1PNPDE20100814_024810_000000592092_00061_44203_5173.N1	14-AUG-2010 02:48:10	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	44203	No
35	GOM_TRA_1PNPDE20100814_025200_000000462092_00061_44203_5174.N1	14-AUG-2010 02:52:00	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	44203	No
36	GOM_TRA_1PNPDE20100814_025556_000000532092_00061_44203_5175.N1	14-AUG-2010 02:55:56	Twilight_and_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	44203	No
37	GOM_TRA_1PNPDE20100814_030146_000000622092_00061_44203_5176.N1	14-AUG-2010 03:01:46	Bright	62.000	142	49Del Cap	2.8500	8900.0	124	44203	No
38	GOM_TRA_1PNPDE20100814_030519_000000442092_00061_44203_5177.N1	14-AUG-2010 03:05:19	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	44203	No
39	GOM_TRA_1PNPDE20100814_031043_000000482092_00061_44203_5178.N1	14-AUG-2010 03:10:43	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	44203	No
40	GOM_TRA_1PNPDE20100814_031708_000000412092_00061_44203_5179.N1	14-AUG-2010 03:17:08	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	44203	No
41	GOM_TRA_1PNPDE20100814_031840_000000402092_00061_44203_5180.N1	14-AUG-2010 03:18:40	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	44203	No
42	GOM_TRA_1PNPDE20100814_032019_000000412092_00061_44203_5181.N1	14-AUG-2010 03:20:19	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	44203	No
43	GOM_TRA_1PNPDE20100814_032543_000000352092_00061_44203_5182.N1	14-AUG-2010 03:25:43	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	44203	No
44	GOM_TRA_1PNPDE20100814_034514_000000492092_00061_44203_5188.N1	14-AUG-2010 03:45:14	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44203	No
45	GOM_TRA_1PNPDE20100814_034802_000000472092_00061_44203_5189.N1	14-AUG-2010 03:48:02	Bright	46.500	107	37The Aur	2.6490	11000.	93	44203	No
46	GOM_TRA_1PNPDE20100814_035105_000000492092_00061_44203_5190.N1	14-AUG-2010 03:51:05	Twilight_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	44203	No
47	GOM_TRA_1PNPDE20100814_035351_000000442092_00061_44203_5191.N1	14-AUG-2010 03:53:51	Twilight_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	44203	No
48	GOM_TRA_1PNPDE20100814_035716_000000542092_00061_44203_5192.N1	14-AUG-2010 03:57:16	Dark	53.500	14	58Alp Ori	0.87000	3000.0	107	44203	No
49	GOM_TRA_1PNPDE20100814_040023_000000472092_00061_44203_5193.N1	14-AUG-2010 04:00:23	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	44203	No
50	GOM_TRA_1PNPDE20100814_040147_000000452092_00061_44203_5194.N1	14-AUG-2010 04:01:47	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	44203	No
51	GOM_TRA_1PNPDE20100814_040316_000000632092_00061_44203_5195.N1	14-AUG-2010 04:03:16	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	44203	No
52	GOM_TRA_1PNPDE20100814_040512_000000462092_00061_44203_5196.N1	14-AUG-2010 04:05:12	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44203	No
53	GOM_TRA_1PNPDE20100814_041847_000000482092_00062_44204_5197.N1	14-AUG-2010 04:18:47	Dark	48.000	157	The1Eri	2.9060	9300.0	96	44204	No
54	GOM_TRA_1PNPDE20100814_042308_000000442092_00062_44204_5198.N1	14-AUG-2010 04:23:08	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44204	No
55	GOM_TRA_1PNPDE20100814_042847_000000542092_00062_44204_5199.N1	14-AUG-2010 04:28:47	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	44204	No
56	GOM_TRA_1PNPDE20100814_043237_000000422092_00062_44204_5200.N1	14-AUG-2010 04:32:37	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	44204	No
57	GOM_TRA_1PNPDE20100814_043632_000000572092_00062_44204_5201.N1	14-AUG-2010 04:36:32	Twilight_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	44204	No
58	GOM_TRA_1PNPDE20100814_044222_000000462092_00062_44204_5202.N1	14-AUG-2010 04:42:22	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44204	No
59	GOM_TRA_1PNPDE20100814_044555_000000432092_00062_44204_5203.N1	14-AUG-2010 04:45:55	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	44204	No
60	GOM_TRA_1PNPDE20100814_045119_000000452092_00062_44204_5204.N1	14-AUG-2010 04:51:19	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44204	No
61	GOM_TRA_1PNPDE20100814_045743_000000402092_00062_44204_5205.N1	14-AUG-2010 04:57:43	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	44204	No
62	GOM_TRA_1PNPDE20100814_045916_000000382092_00062_44204_5206.N1	14-AUG-2010 04:59:16	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	44204	No
63	GOM_TRA_1PNPDE20100814_050055_000000402092_00062_44204_5207.N1	14-AUG-2010 05:00:55	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	44204	No
64	GOM_TRA_1PNPDE20100814_050618_000000402092_00062_44204_5208.N1	14-AUG-2010 05:06:18	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44204	No
65	GOM_TRA_1PNPDE20100814_052550_000000512092_00062_44204_5230.N1	14-AUG-2010 05:25:50	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	44204	No
66	GOM_TRA_1PNPDE20100814_052838_000000382092_00062_44204_5231.N1	14-AUG-2010 05:28:38	Bright	38.000	107	37The Aur	2.6490	11000.	76	44204	No
67	GOM_TRA_1PNPDE20100814_053141_000000512092_00062_44204_5232.N1	14-AUG-2010 05:31:41	Twilight_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	44204	No
68	GOM_TRA_1PNPDE20100814_053428_000000412092_00062_44204_5233.N1	14-AUG-2010 05:34:28	Twilight_and_stray	40.500	44	24Gam Gem	1.9280	11000.	81	44204	No
69	GOM_TRA_1PNPDE20100814_053753_000000552092_00062_44204_5234.N1	14-AUG-2010 05:37:53	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	44204	No
70	GOM_TRA_1PNPDE20100814_054100_000000482092_00062_44204_5235.N1	14-AUG-2010 05:41:00	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	44204	No
71	GOM_TRA_1PNPDE20100814_054223_000000452092_00062_44204_5236.N1	14-AUG-2010 05:42:23	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	44204	No



72	GOM_TRA_1PNPDE20100814_054353_000000552092_00062_44204_5237.N1	14-AUG-2010 05:43:53	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	44204	No
73	GOM_TRA_1PNPDE20100814_054548_000000462092_00062_44204_5238.N1	14-AUG-2010 05:45:48	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44204	No
74	GOM_TRA_1PNPDE20100814_055924_000000492092_00063_44205_5239.N1	14-AUG-2010 05:59:24	Dark	48.500	157	The1Eri	2.9060	9300.0	97	44205	No
75	GOM_TRA_1PNPDE20100814_060345_000000462092_00063_44205_5240.N1	14-AUG-2010 06:03:45	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44205	No
76	GOM_TRA_1PNPDE20100814_060924_000000592092_00063_44205_5241.N1	14-AUG-2010 06:09:24	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	44205	No
77	GOM_TRA_1PNPDE20100814_061313_000000442092_00063_44205_5242.N1	14-AUG-2010 06:13:13	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	44205	No
78	GOM_TRA_1PNPDE20100814_061708_000000582092_00063_44205_5243.N1	14-AUG-2010 06:17:08	Twilight_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	44205	No
79	GOM_TRA_1PNPDE20100814_062258_000000452092_00063_44205_5244.N1	14-AUG-2010 06:22:58	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	44205	No
80	GOM_TRA_1PNPDE20100814_062631_000000442092_00063_44205_5245.N1	14-AUG-2010 06:26:31	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	44205	No
81	GOM_TRA_1PNPDE20100814_063154_000000492092_00063_44205_5246.N1	14-AUG-2010 06:31:54	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	44205	No
82	GOM_TRA_1PNPDE20100814_063819_000000412092_00063_44205_5247.N1	14-AUG-2010 06:38:19	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	44205	No
83	GOM_TRA_1PNPDE20100814_063951_000000382092_00063_44205_5248.N1	14-AUG-2010 06:39:51	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	44205	No
84	GOM_TRA_1PNPDE20100814_064131_000000412092_00063_44205_5249.N1	14-AUG-2010 06:41:31	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	44205	No
85	GOM_TRA_1PNPDE20100814_064654_000000392092_00063_44205_5250.N1	14-AUG-2010 06:46:54	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44205	No
86	GOM_TRA_1PNPDE20100814_193804_000000412092_00071_44213_5343.N1	14-AUG-2010 19:38:04	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	44213	No
87	GOM_TRA_1PNPDE20100814_194200_000000602092_00071_44213_5344.N1	14-AUG-2010 19:42:00	Twilight_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	44213	No
88	GOM_TRA_1PNPDE20100814_194747_000000472092_00071_44213_5345.N1	14-AUG-2010 19:47:47	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44213	No
89	GOM_TRA_1PNPDE20100814_195118_000000442092_00071_44213_5346.N1	14-AUG-2010 19:51:18	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	44213	No
90	GOM_TRA_1PNPDE20100814_195639_000000462092_00071_44213_5347.N1	14-AUG-2010 19:56:39	Bright	45.500	61	8Eps Peg	2.1000	3900.0	91	44213	No
91	GOM_TRA_1PNPDE20100814_200304_000000372092_00071_44213_5348.N1	14-AUG-2010 20:03:04	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	44213	No
92	GOM_TRA_1PNPDE20100814_200438_000000372092_00071_44213_5349.N1	14-AUG-2010 20:04:38	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	44213	No
93	GOM_TRA_1PNPDE20100814_200617_000000422092_00071_44213_5350.N1	14-AUG-2010 20:06:17	Bright	41.500	19	50Alp Cyg	1.2460	10500.	83	44213	No
94	GOM_TRA_1PNPDE20100814_201139_000000402092_00071_44213_5351.N1	14-AUG-2010 20:11:39	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44213	No
95	GOM_TRA_1PNPDE20100814_203112_000000462092_00071_44213_5352.N1	14-AUG-2010 20:31:12	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	44213	No
96	GOM_TRA_1PNPDE20100814_203402_000000372092_00071_44213_5353.N1	14-AUG-2010 20:34:02	Bright	36.500	107	37The Aur	2.6490	11000.	73	44213	No
97	GOM_TRA_1PNPDE20100814_203706_000000532092_00071_44213_5354.N1	14-AUG-2010 20:37:06	Twilight_stray	52.500	28	12Bet Tau	1.6500	15200.	105	44213	No
98	GOM_TRA_1PNPDE20100814_203953_000000442092_00071_44213_5355.N1	14-AUG-2010 20:39:53	Twilight_stray	44.000	44	24Gam Gem	1.9280	11000.	88	44213	No
99	GOM_TRA_1PNPDE20100814_204320_000000562092_00071_44213_5356.N1	14-AUG-2010 20:43:20	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	44213	No
100	GOM_TRA_1PNPDE20100814_204628_000000522092_00071_44213_5365.N1	14-AUG-2010 20:46:28	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	44213	No
101	GOM_TRA_1PNPDE20100814_204753_000000462092_00071_44213_5366.N1	14-AUG-2010 20:47:53	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	44213	No
102	GOM_TRA_1PNPDE20100814_204923_000000652092_00071_44213_5367.N1	14-AUG-2010 20:49:23	Dark	65.000	7	19Bet Ori	0.10000	14000.	130	44213	No
103	GOM_TRA_1PNPDE20100814_205117_000000462092_00071_44213_5368.N1	14-AUG-2010 20:51:17	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	44213	No
104	GOM_TRA_1PNPDE20100814_210458_000000512092_00072_44214_5369.N1	14-AUG-2010 21:04:58	Dark	50.500	157	The1Eri	2.9060	9300.0	101	44214	No
105	GOM_TRA_1PNPDE20100814_210915_000000452092_00072_44214_5370.N1	14-AUG-2010 21:09:15	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44214	No
106	GOM_TRA_1PNPDE20100814_211455_000000552092_00072_44214_5371.N1	14-AUG-2010 21:14:55	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44214	No
107	GOM_TRA_1PNPDE20100814_211840_000000422092_00072_44214_5372.N1	14-AUG-2010 21:18:40	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	44214	No
108	GOM_TRA_1PNPDE20100814_212236_000000572092_00072_44214_5373.N1	14-AUG-2010 21:22:36	Twilight_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	44214	No
109	GOM_TRA_1PNPDE20100814_212822_000000472092_00072_44214_5374.N1	14-AUG-2010 21:28:22	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44214	No
110	GOM_TRA_1PNPDE20100814_213154_000000442092_00072_44214_5375.N1	14-AUG-2010 21:31:54	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	44214	No
111	GOM_TRA_1PNPDE20100814_213714_000000452092_00072_44214_5376.N1	14-AUG-2010 21:37:14	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	44214	No
112	GOM_TRA_1PNPDE20100814_214340_000000392092_00072_44214_5377.N1	14-AUG-2010 21:43:40	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	44214	No
113	GOM_TRA_1PNPDE20100814_214514_000000362092_00072_44214_5378.N1	14-AUG-2010 21:45:14	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	44214	No
114	GOM_TRA_1PNPDE20100814_214652_000000382092_00072_44214_5379.N1	14-AUG-2010 21:46:52	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	44214	No
115	GOM_TRA_1PNPDE20100814_215215_000000412092_00072_44214_5380.N1	14-AUG-2010 21:52:15	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44214	No
116	GOM_TRA_1PNPDE20100814_221148_000000472092_00072_44214_5381.N1	14-AUG-2010 22:11:48	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	44214	No
117	GOM_TRA_1PNPDE20100814_221438_000000402092_00072_44214_5382.N1	14-AUG-2010 22:14:38	Bright	40.000	107	37The Aur	2.6490	11000.	80	44214	No
118	GOM_TRA_1PNPDE20100814_221742_000000512092_00072_44214_5383.N1	14-AUG-2010 22:17:42	Twilight_stray	50.500	28	12Bet Tau	1.6500	15200.	101	44214	No
119	GOM_TRA_1PNPDE20100814_222029_000000442092_00072_44214_5384.N1	14-AUG-2010 22:20:29	Twilight_stray	43.500	44	24Gam Gem	1.9280	11000.	87	44214	No
120	GOM_TRA_1PNPDE20100814_222356_000000552092_00072_44214_5385.N1	14-AUG-2010 22:23:56	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	44214	No
121	GOM_TRA_1PNPDE20100814_222704_000000512092_00072_44214_5386.N1	14-AUG-2010 22:27:04	Dark	50.500	30	46Eps Ori	1.6940	30000.	101	44214	No
122	GOM_TRA_1PNPDE20100814_222829_000000462092_00072_44214_5387.N1	14-AUG-2010 22:28:29	Dark	46.000	125	44Iot Ori	2.7700	30000.	92	44214	No
123	GOM_TRA_1PNPDE20100814_223000_000000532092_00072_44214_5393.N1	14-AUG-2010 22:30:00	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	44214	No
124	GOM_TRA_1PNPDE20100814_223154_000000422092_00072_44214_5394.N1	14-AUG-2010 22:31:54	Dark	42.000	101	11Alp Lep	2.5820	7000.0	84	44214	No
125	GOM_TRA_1PNPDE20100814_224535_000000512092_00073_44215_5395.N1	14-AUG-2010 22:45:35	Dark	51.000	157	The1Eri	2.9060	9300.0	102	44215	No
126	GOM_TRA_1PNPDE20100814_224951_000000442092_00073_44215_5396.N1	14-AUG-2010 22:49:51	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44215	No
127	GOM_TRA_1PNPDE20100814_225532_000000522092_00073_44215_5397.N1	14-AUG-2010 22:55:32	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	44215	No
128	GOM_TRA_1PNPDE20100814_225916_000000452092_00073_44215_5398.N1	14-AUG-2010 22:59:16	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44215	No
129	GOM_TRA_1PNPDE20100814_230312_000000562092_00073_44215_5399.N1	14-AUG-2010 23:03:12	Twilight_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	44215	No
130	GOM_TRA_1PNPDE20100814_230858_000000472092_00073_44215_5400.N1	14-AUG-2010 23:08:58	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44215	No

131	GOM_TRA_1PNPDE20100814_231229_000000442092_00073_44215_5401.N1	14-AUG-2010 23:12:29	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	44215	No
132	GOM_TRA_1PNPDE20100814_231750_000000462092_00073_44215_5402.N1	14-AUG-2010 23:17:50	Bright	46.000	61	8Eps Peg	2.1000	3900.0	92	44215	No
133	GOM_TRA_1PNPDE20100814_232416_000000392092_00073_44215_5403.N1	14-AUG-2010 23:24:16	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	44215	No
134	GOM_TRA_1PNPDE20100814_232549_000000392092_00073_44215_5404.N1	14-AUG-2010 23:25:49	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	44215	No
135	GOM_TRA_1PNPDE20100814_232728_000000402092_00073_44215_5405.N1	14-AUG-2010 23:27:28	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	44215	No
136	GOM_TRA_1PNPDE20100814_233250_000000402092_00073_44215_5406.N1	14-AUG-2010 23:32:50	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44215	No
137	GOM_TRA_1PNPDE20100814_235224_000000502092_00073_44215_5407.N1	14-AUG-2010 23:52:24	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	44215	No
138	GOM_TRA_1PNPDE20100814_235514_000000432092_00073_44215_5408.N1	14-AUG-2010 23:55:14	Bright	43.000	107	37The Aur	2.6490	11000.	86	44215	No
139	GOM_TRA_1PNPDE20100814_235818_000000502092_00073_44215_5409.N1	14-AUG-2010 23:58:18	Twilight_stray	50.000	28	12Bet Tau	1.6500	15200.	100	44215	No

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



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

The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount its value measured on ground at the same temperature) and the "Random Telegraphic Signal" (abrupt change positive or negative of the CCD pixel signal, random in time, affecting only the DC part of the signal and not the photon generated signal).

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

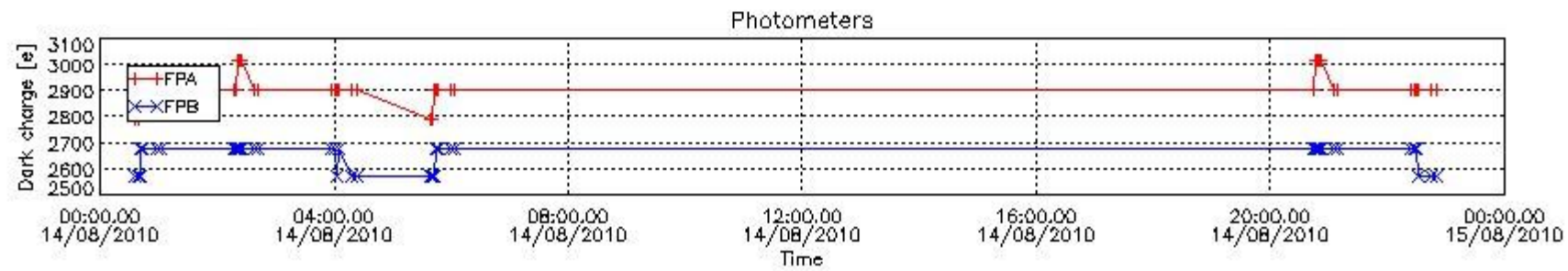
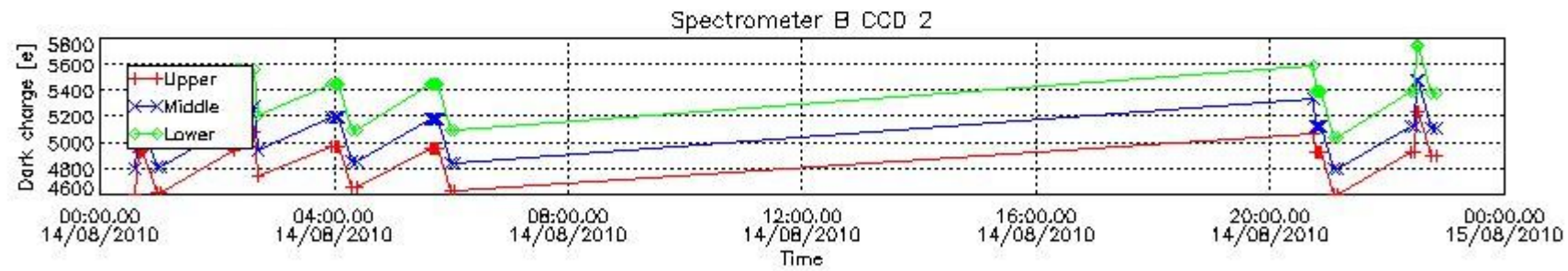
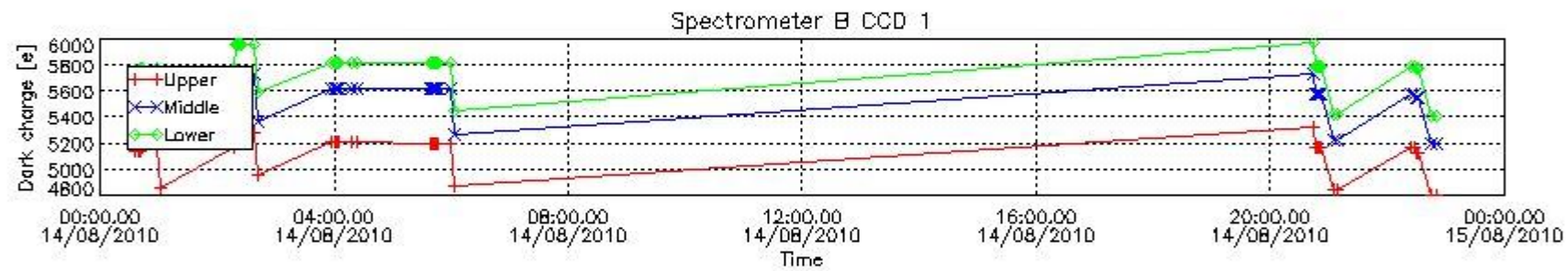
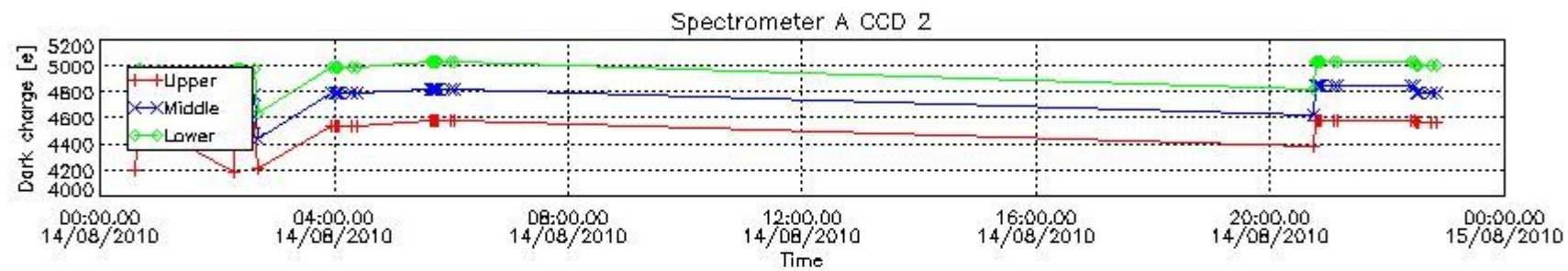
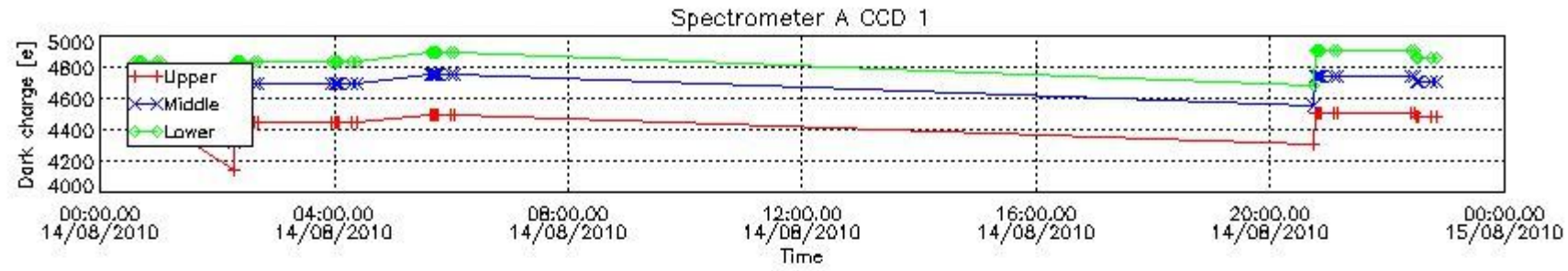
#### 4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
GOM_TRA_1PNPDE20100814_193804_000000412092_00071_44213_5343.N1	DC map used

GOM_TRA_1PNPDE20100814_194200_000000602092_00071_44213_5344.N1	DC map used
GOM_TRA_1PNPDE20100814_194747_000000472092_00071_44213_5345.N1	DC map used
GOM_TRA_1PNPDE20100814_195118_000000442092_00071_44213_5346.N1	DC map used
GOM_TRA_1PNPDE20100814_195639_000000462092_00071_44213_5347.N1	DC map used
GOM_TRA_1PNPDE20100814_200304_000000372092_00071_44213_5348.N1	DC map used
GOM_TRA_1PNPDE20100814_200438_000000372092_00071_44213_5349.N1	DC map used
GOM_TRA_1PNPDE20100814_200617_000000422092_00071_44213_5350.N1	DC map used
GOM_TRA_1PNPDE20100814_201139_000000402092_00071_44213_5351.N1	DC map used
GOM_TRA_1PNPDE20100814_203112_000000462092_00071_44213_5352.N1	DC map used
GOM_TRA_1PNPDE20100814_203402_000000372092_00071_44213_5353.N1	DC map used
GOM_TRA_1PNPDE20100814_203706_000000532092_00071_44213_5354.N1	DC map used
GOM_TRA_1PNPDE20100814_203953_000000442092_00071_44213_5355.N1	DC map used
GOM_TRA_1PNPDE20100814_204320_000000562092_00071_44213_5356.N1	DC map used

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





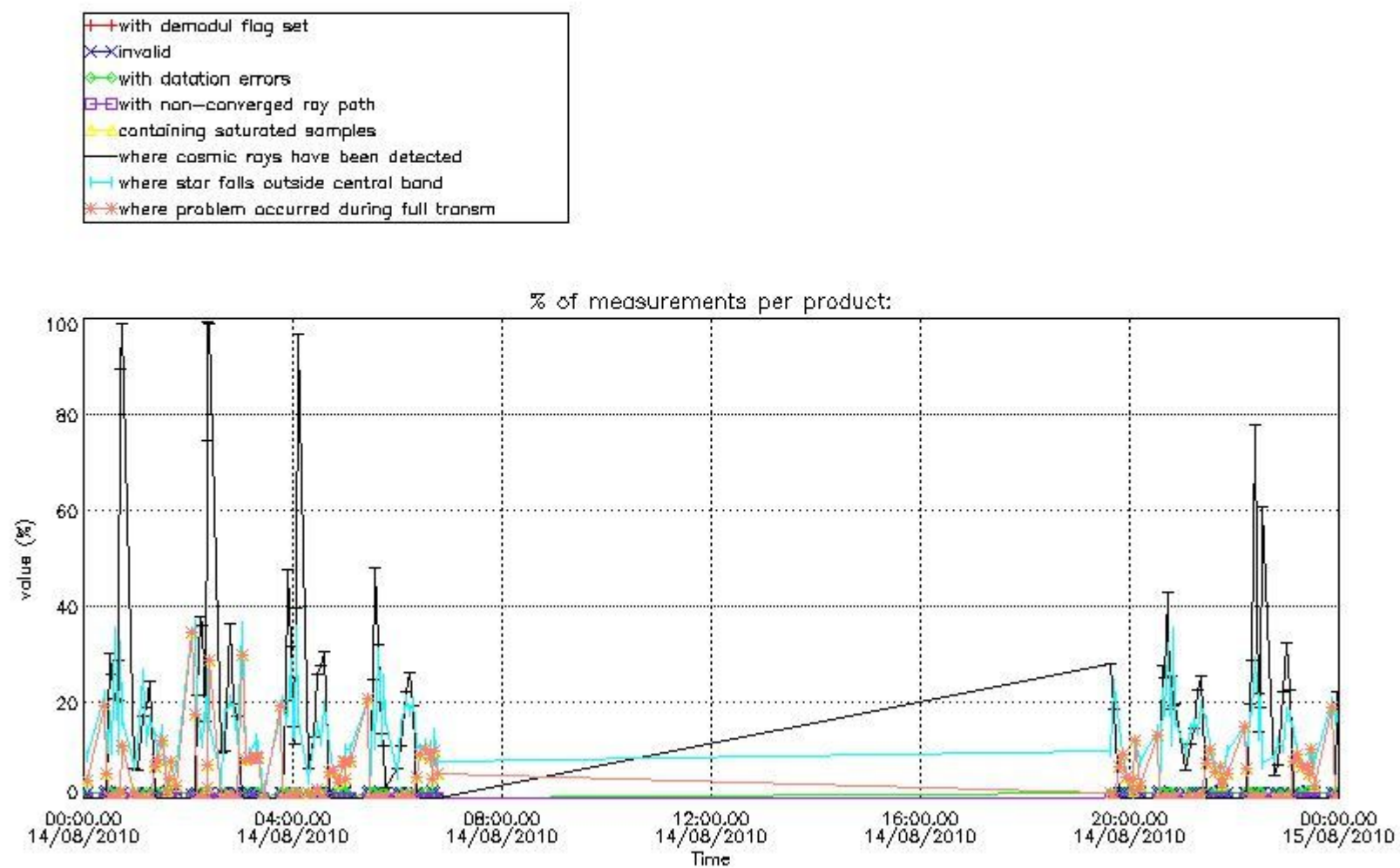
## 5. Demodulation flag and quality information monitoring

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

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

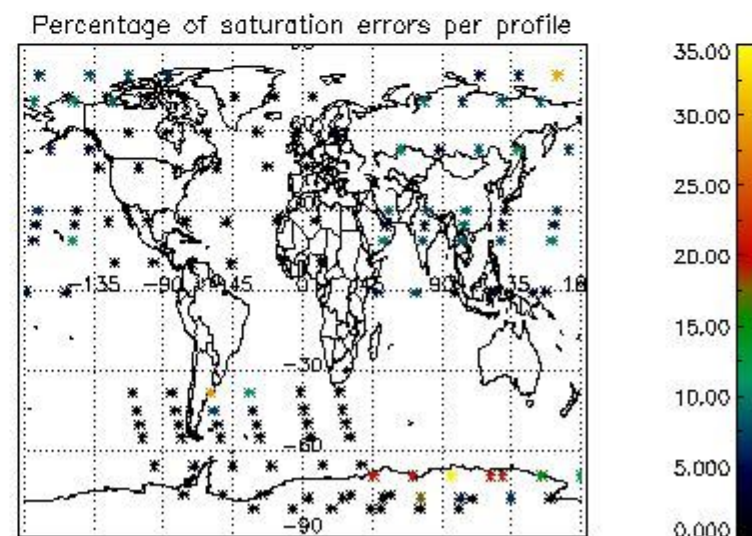
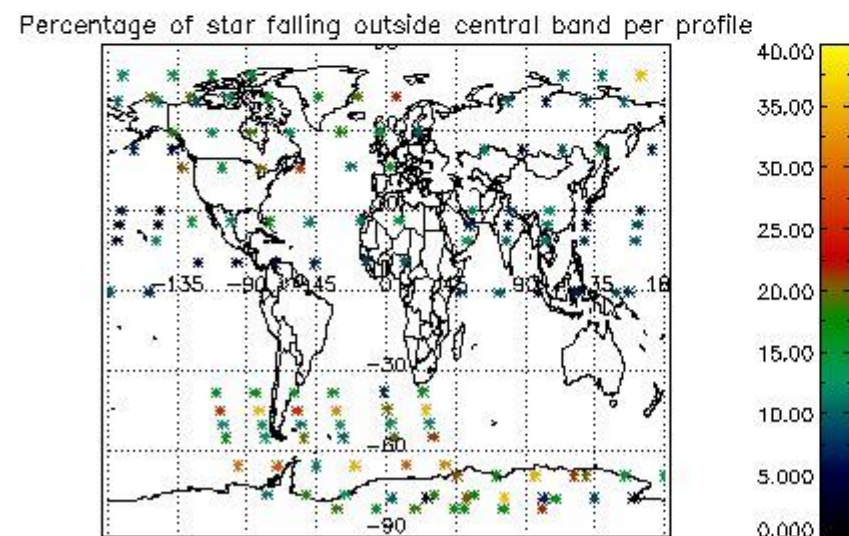
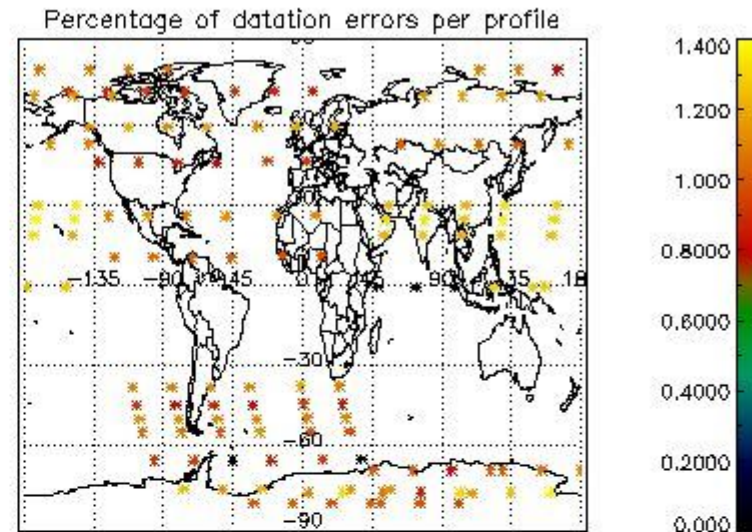
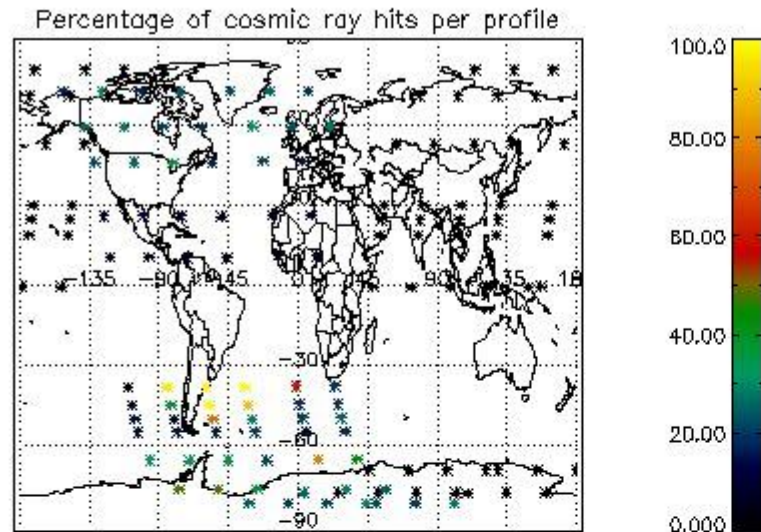
At least one measurement with demodulation flag set:	43.8849 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)





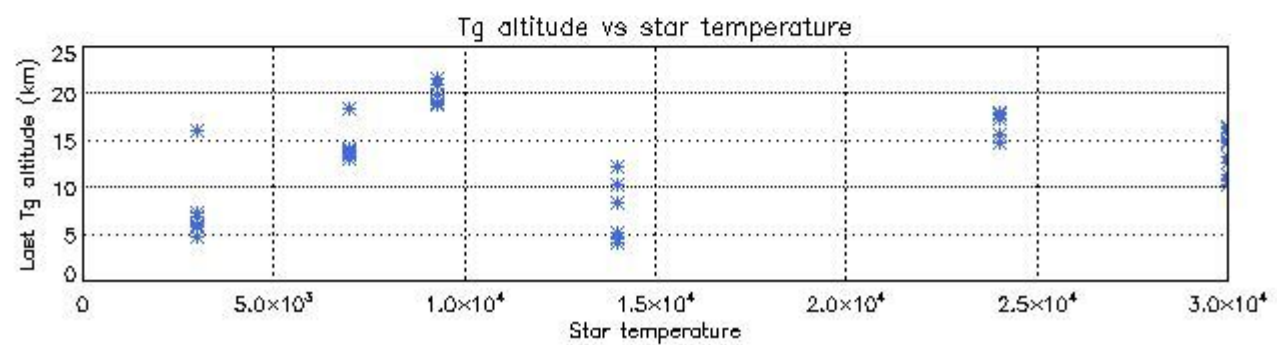
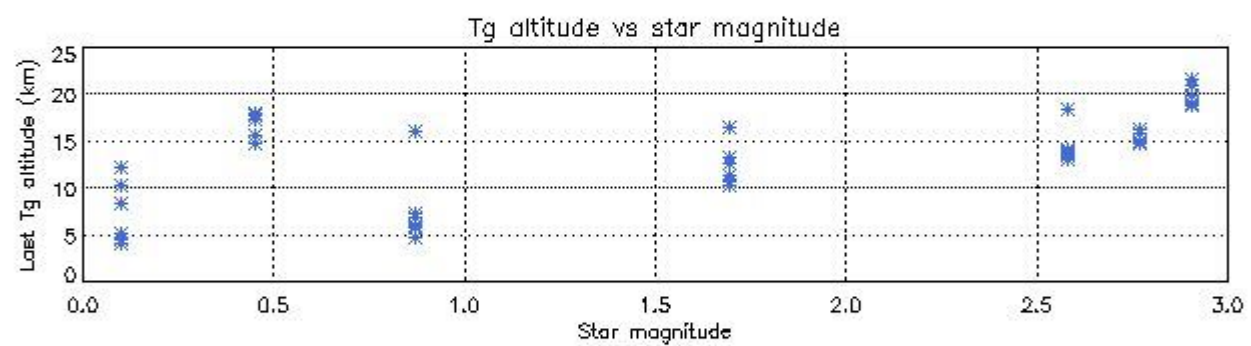
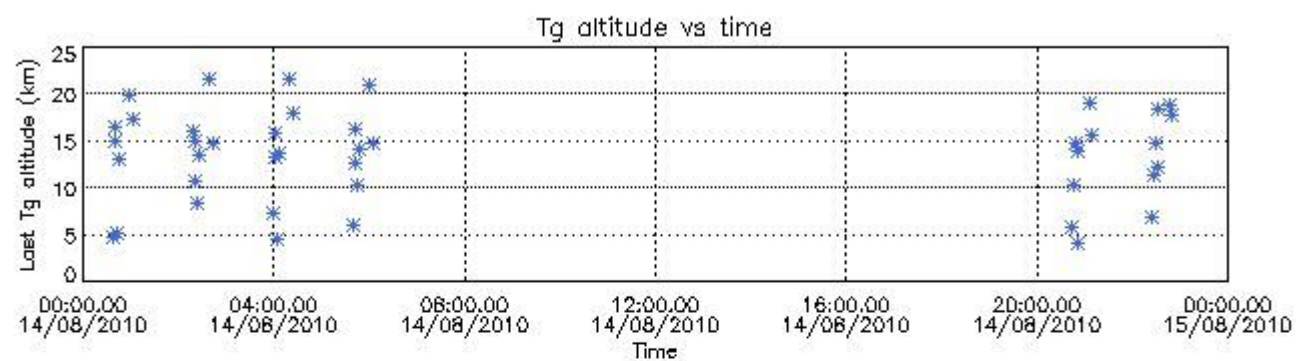
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.427	18.050	NaN
St. deviation:	4.8951	4.7182	NaN
Maximum:	21.564	30.519	NaN
Minimum:	4.0762	4.0042	NaN
Number of data:	42.000	64.000	NaN

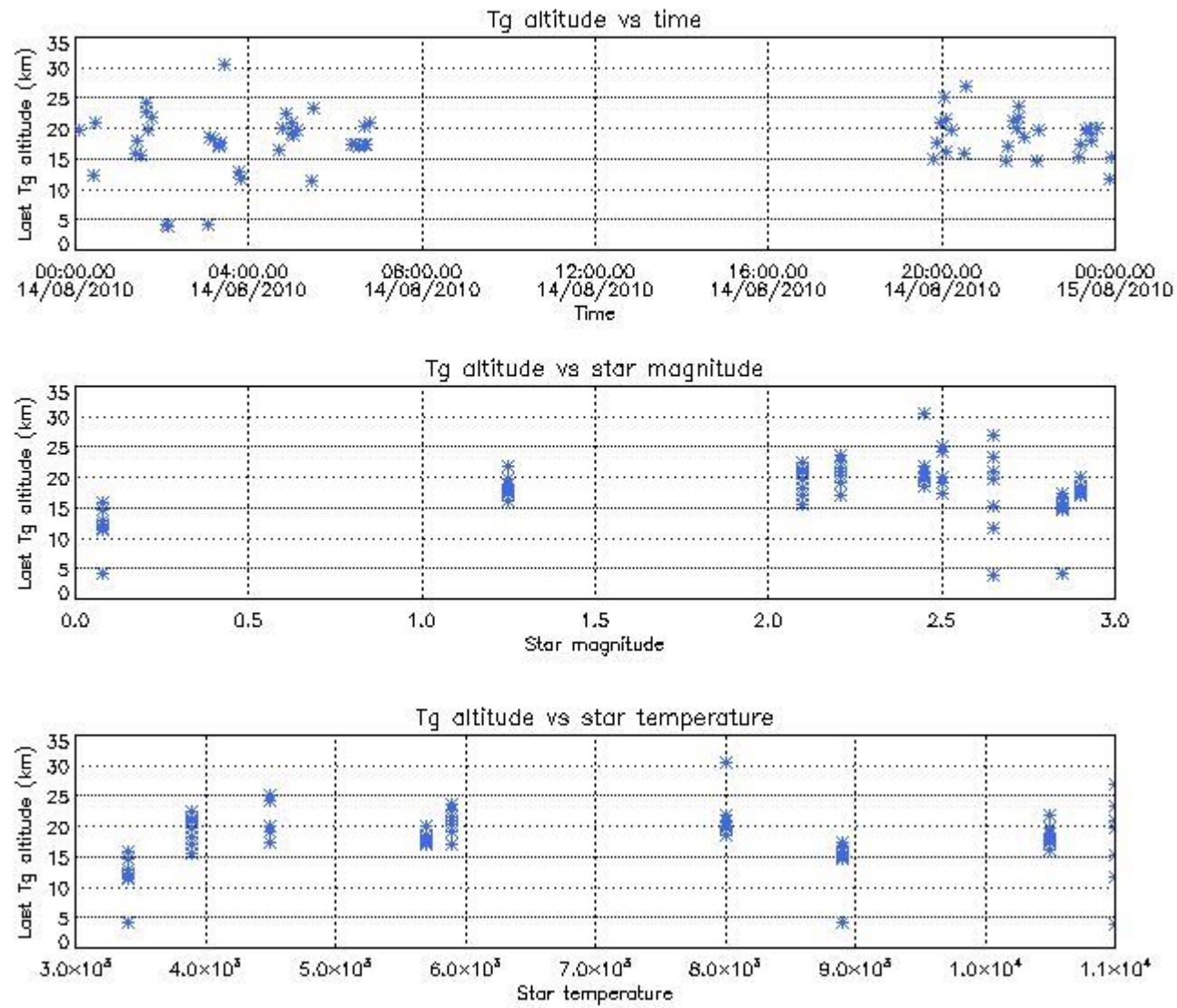
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost



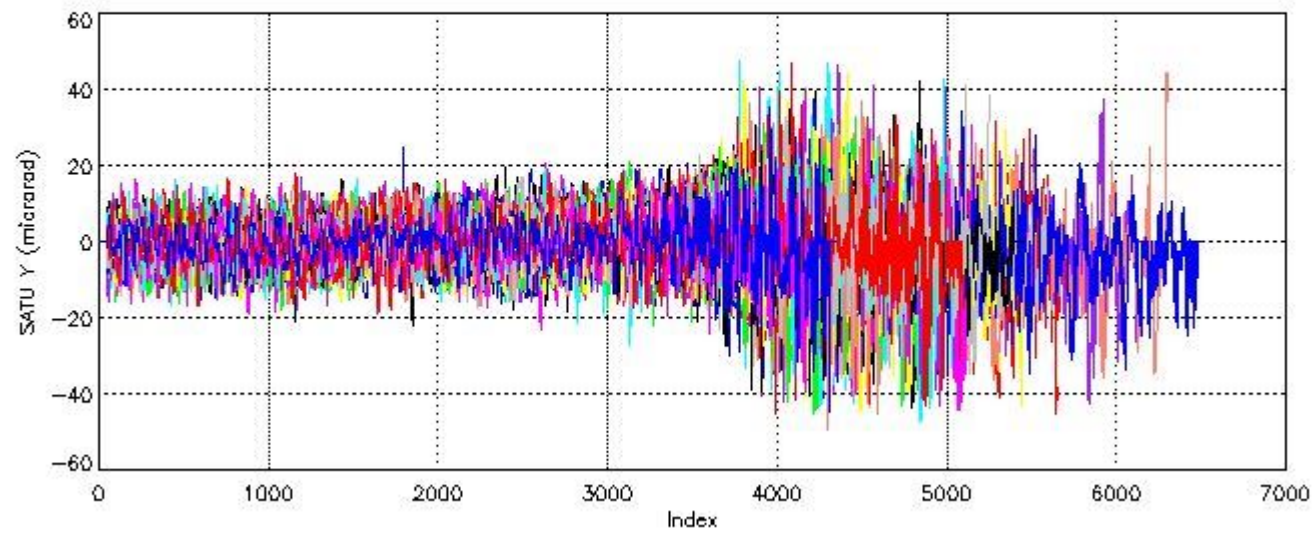
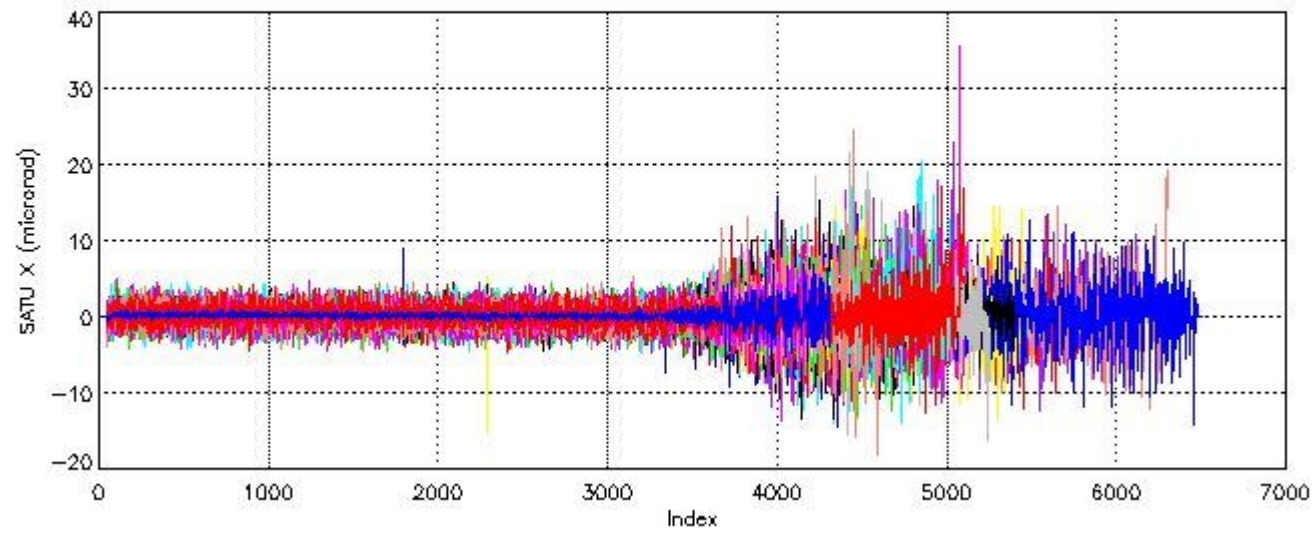
## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.19537	-1.0639	0.23657	-0.82418
St. deviation:	0.62335	4.6063	0.71532	4.3801
Maximum:	5.1000	18.100	4.7000	18.800
Minimum:	-4.4000	-21.200	-4.1000	-20.200

Number of data:	43200.	43200.	61950.	61950.
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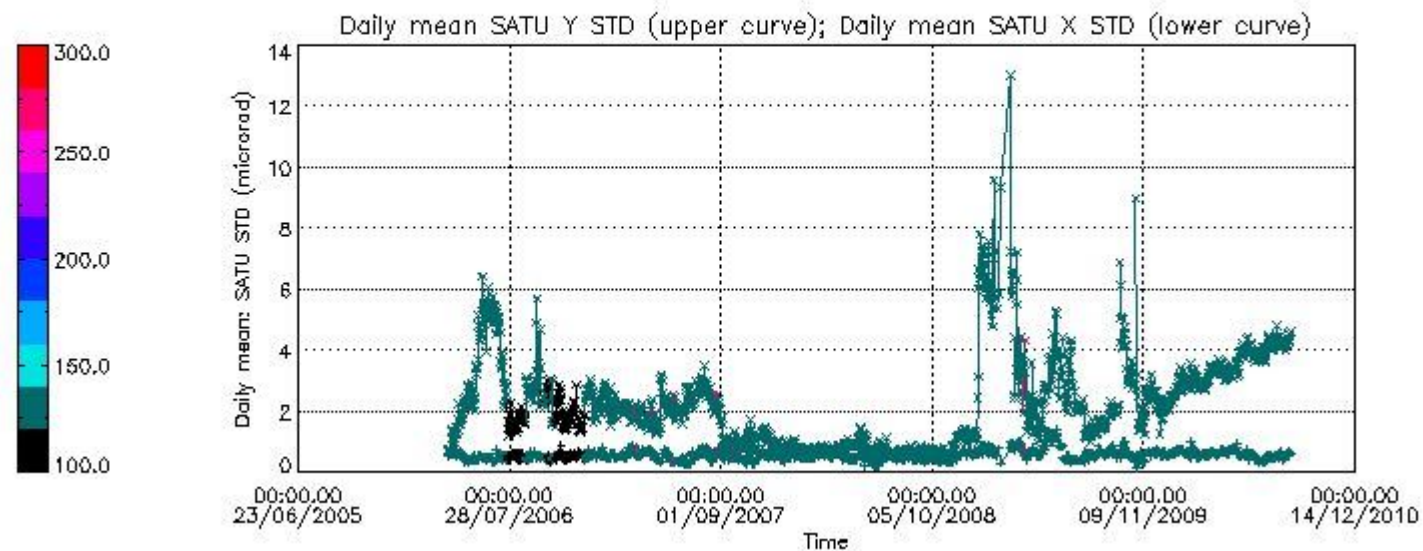
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

Upper curve: STD of SATU Y axis

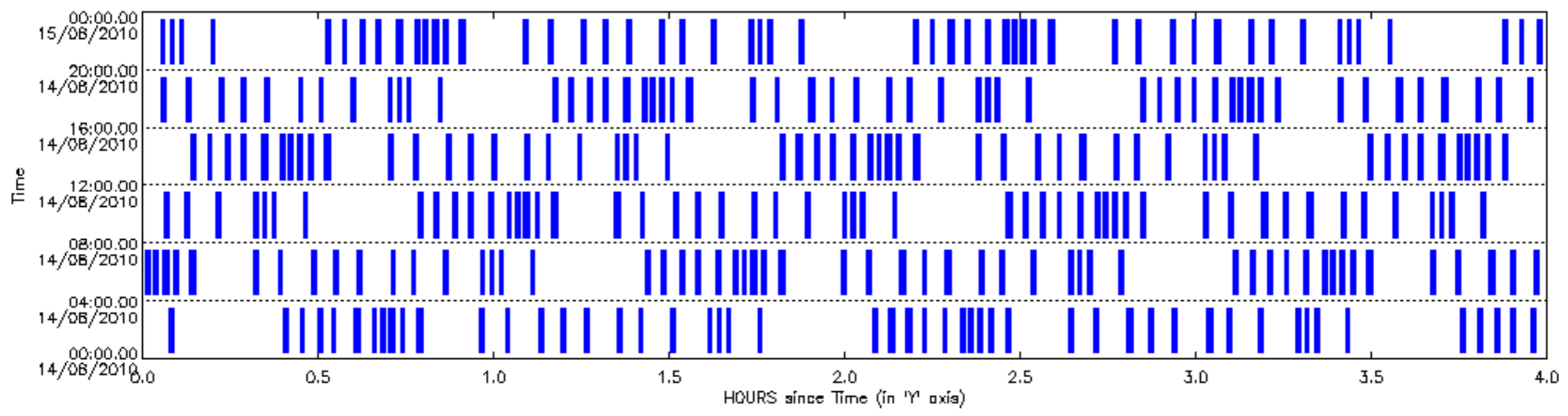
Lower curve: STD of SATU X axis



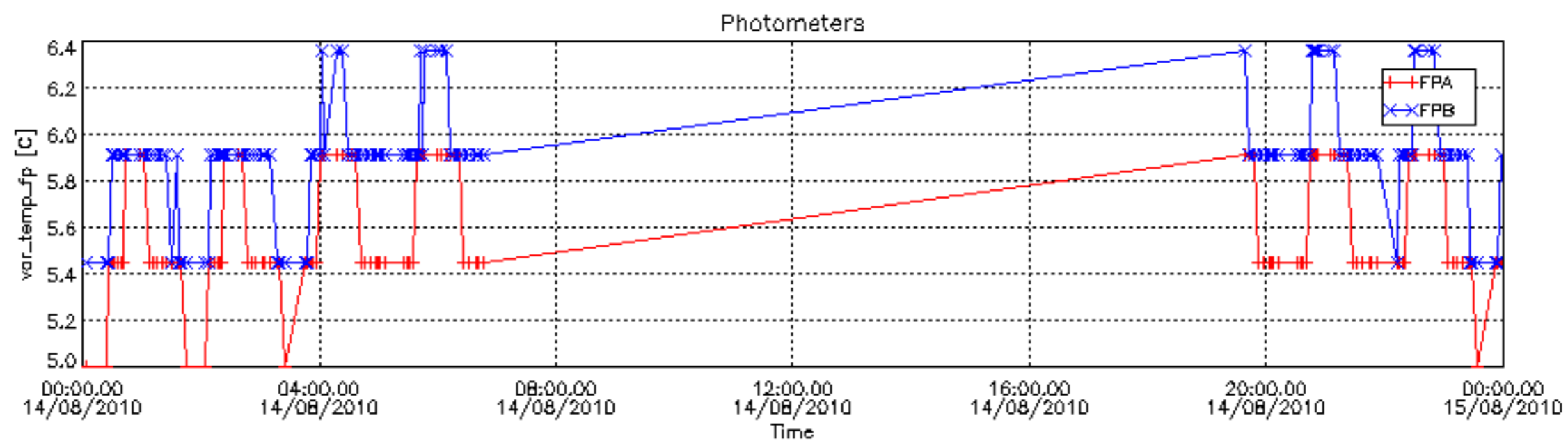
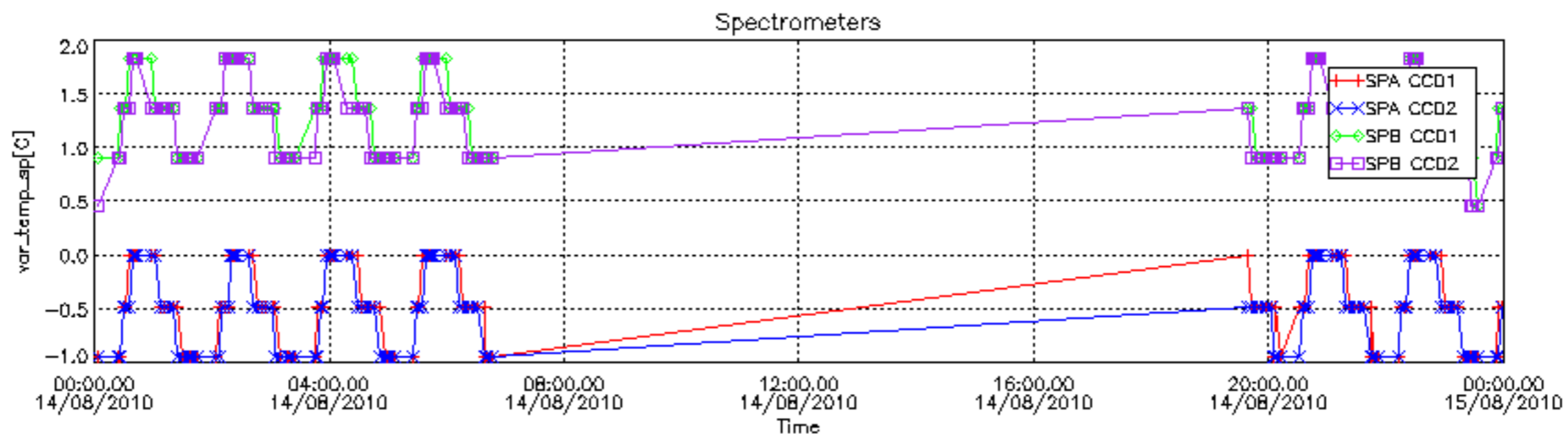
### 8. Auxiliary Data Files used for the production reported in section 2.4

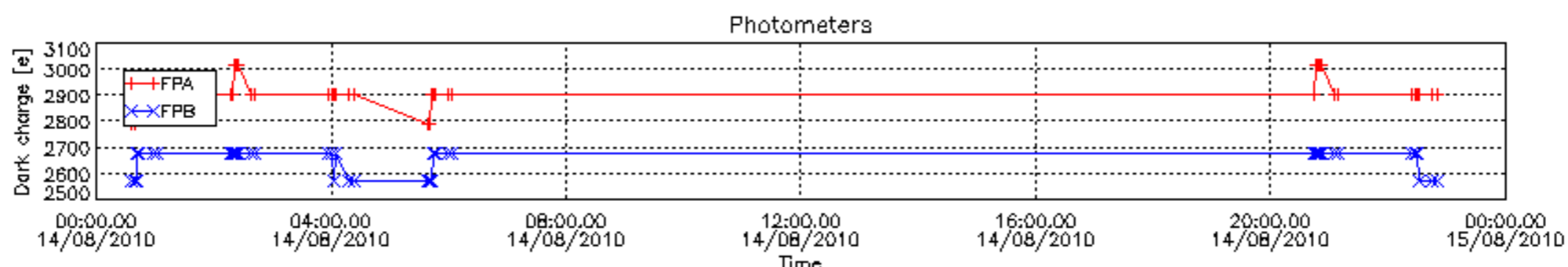
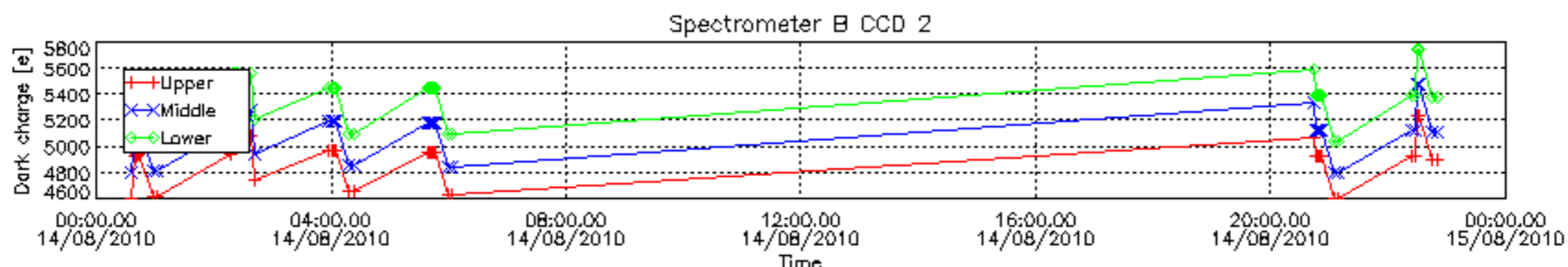
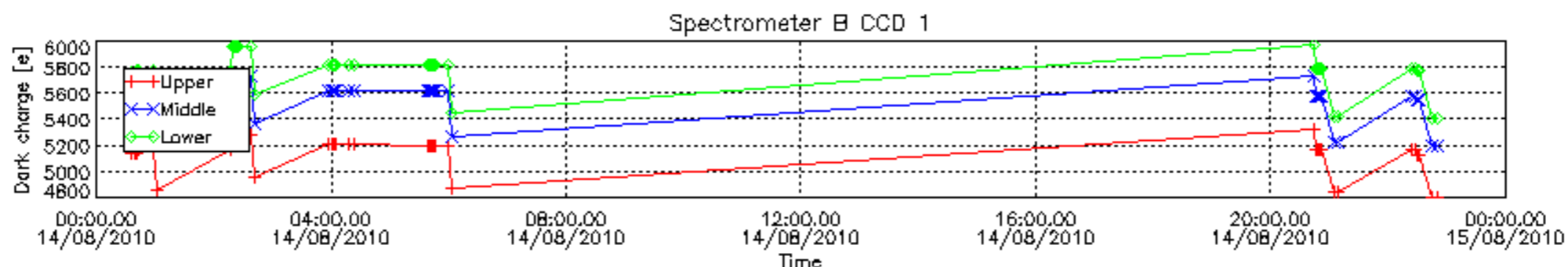
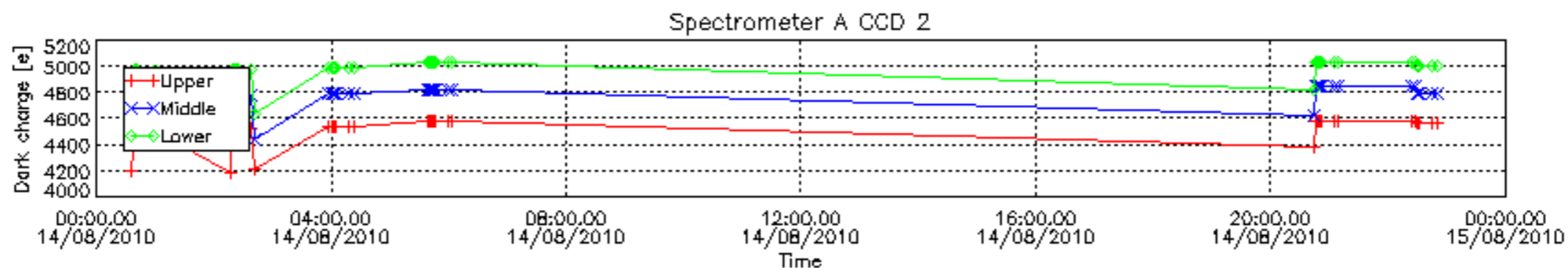
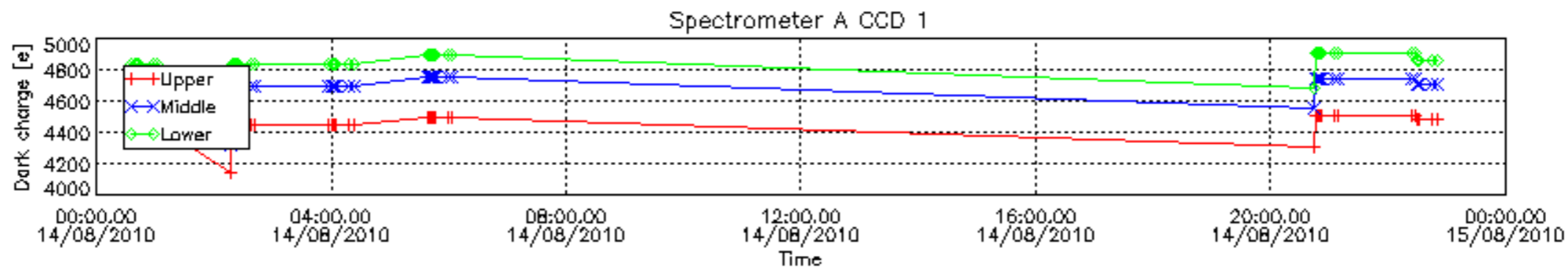
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

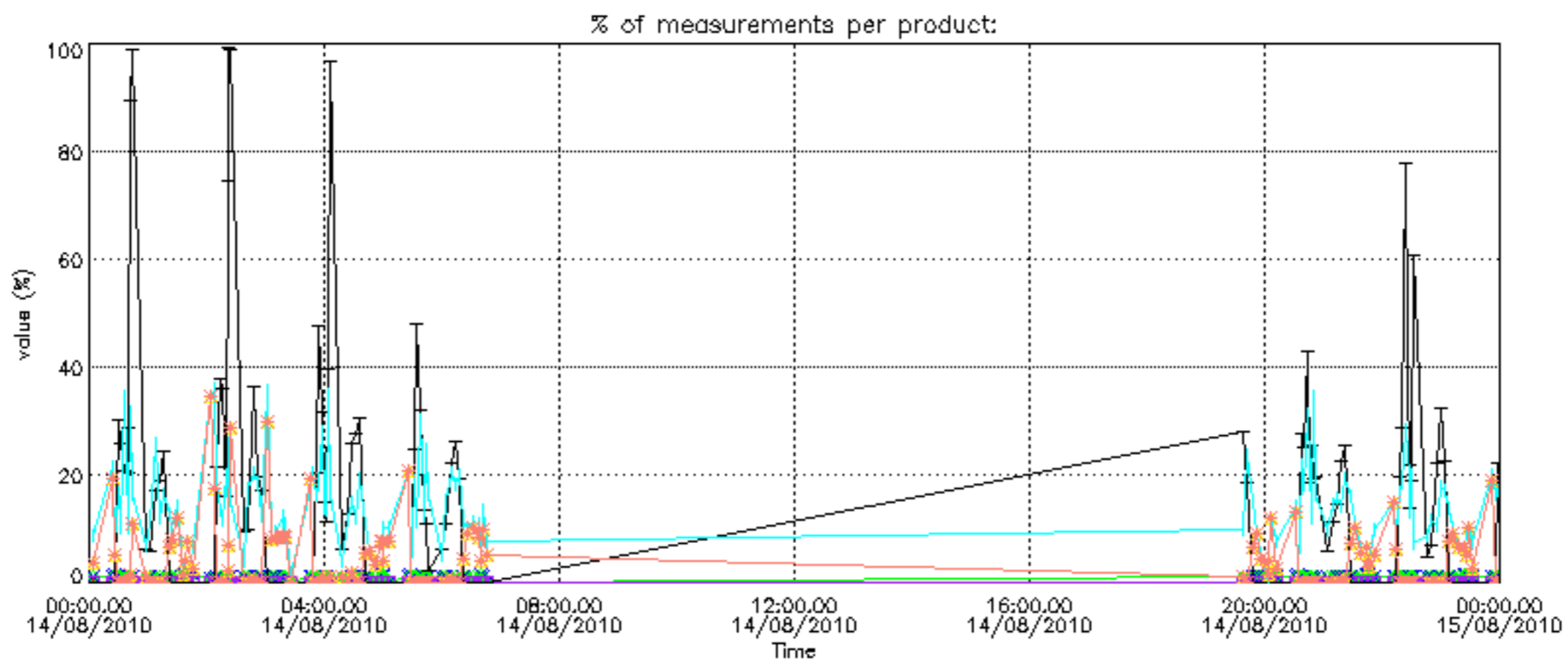
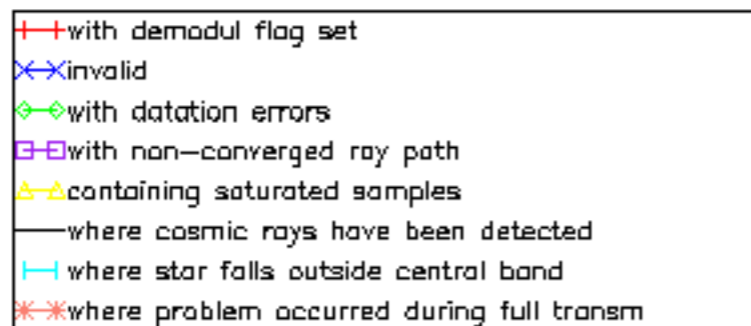
Type	Auxiliary Filename	Used since product	Used since product date
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CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100810_092831_20100808_000000_20500101_000000	1	14-AUG-2010 00:04:32
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	14-AUG-2010 00:04:32
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	14-AUG-2010 00:04:32
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	14-AUG-2010 00:04:32
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ECMWF_FILE	AUX_ECF_AXNECM20100813_172115_20100814_030000_20100814_150000	44	14-AUG-2010 03:45:14
ECMWF_FILE	AUX_ECA_AXNECM20100814_054112_20100813_210000_20100814_090000	65	14-AUG-2010 05:25:50
ECMWF_FILE	AUX_ECA_AXNECM20100814_172112_20100814_090000_20100814_210000	86	14-AUG-2010 19:38:04
ECMWF_FILE	AUX_ECF_AXNECM20100814_054113_20100814_150000_20100815_030000	100	14-AUG-2010 20:46:28
ECMWF_FILE	AUX_ECF_AXNECM20100814_054113_20100814_210000_20100815_090000	123	14-AUG-2010 22:30:00
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ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100814_193216_000038252092_00071_44213_0950.N1	86	14-AUG-2010 19:38:04
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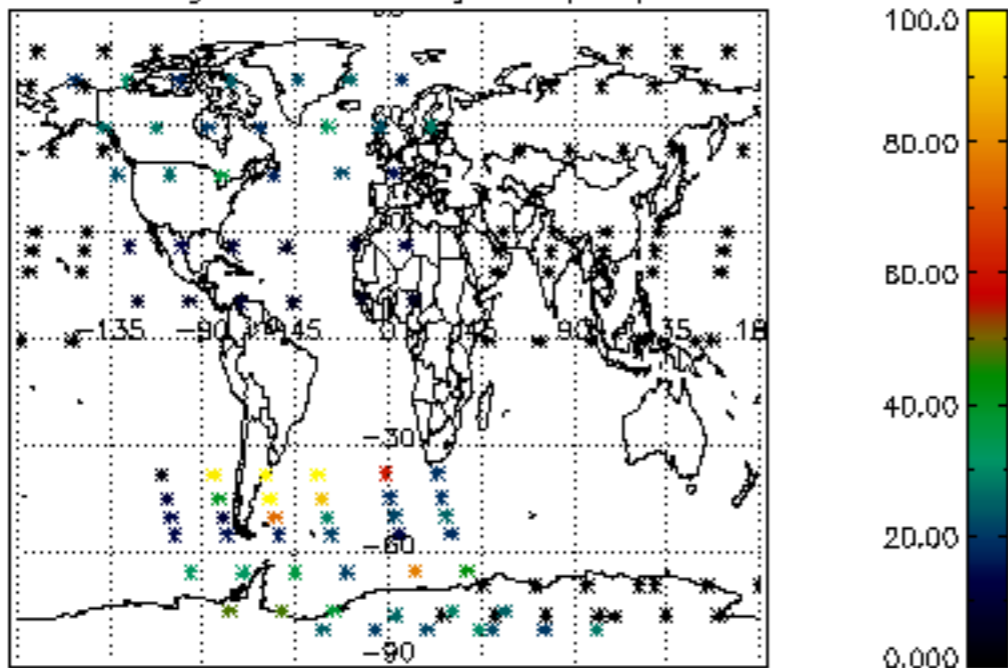




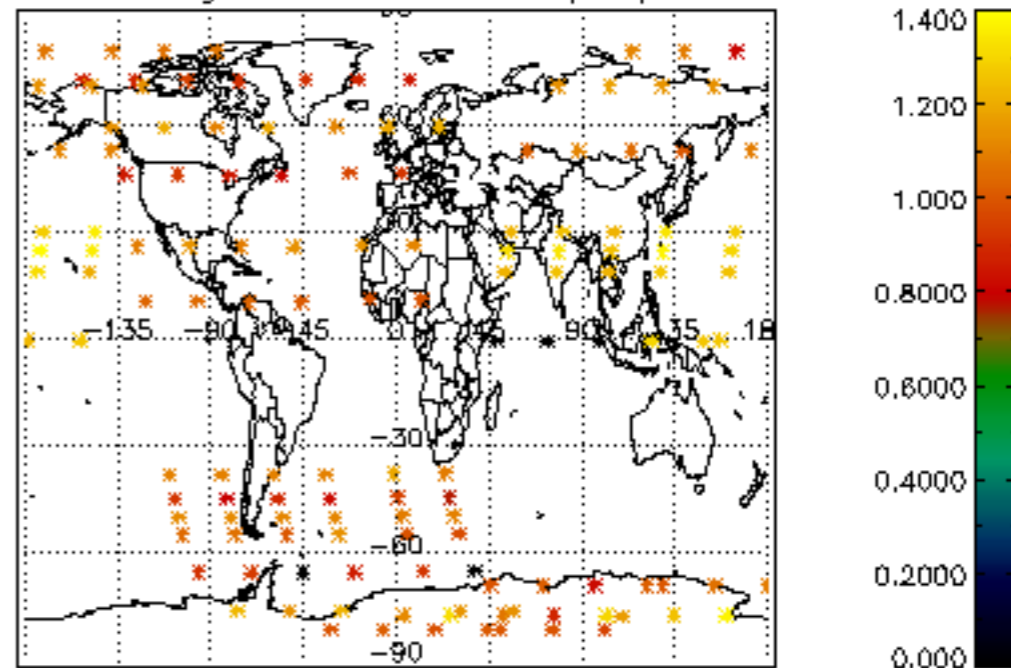




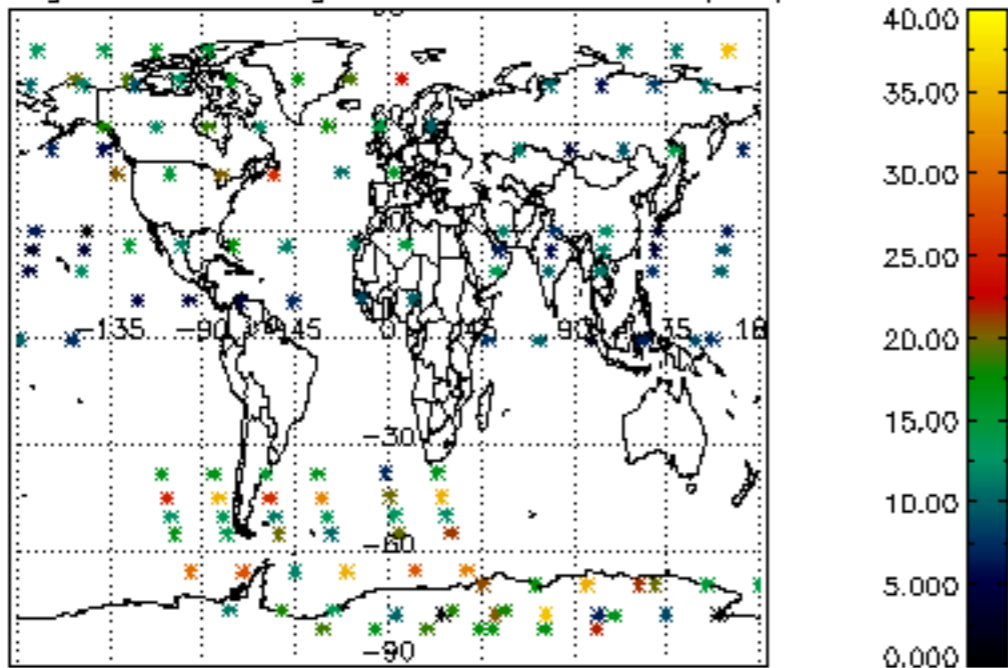
Percentage of cosmic ray hits per profile



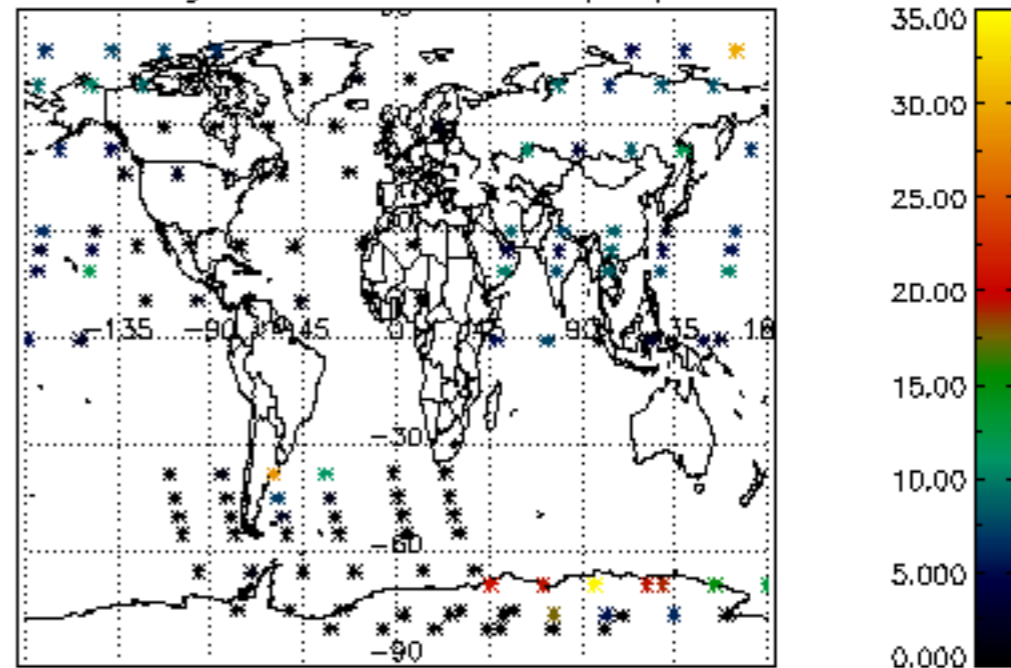
Percentage of datation errors per profile



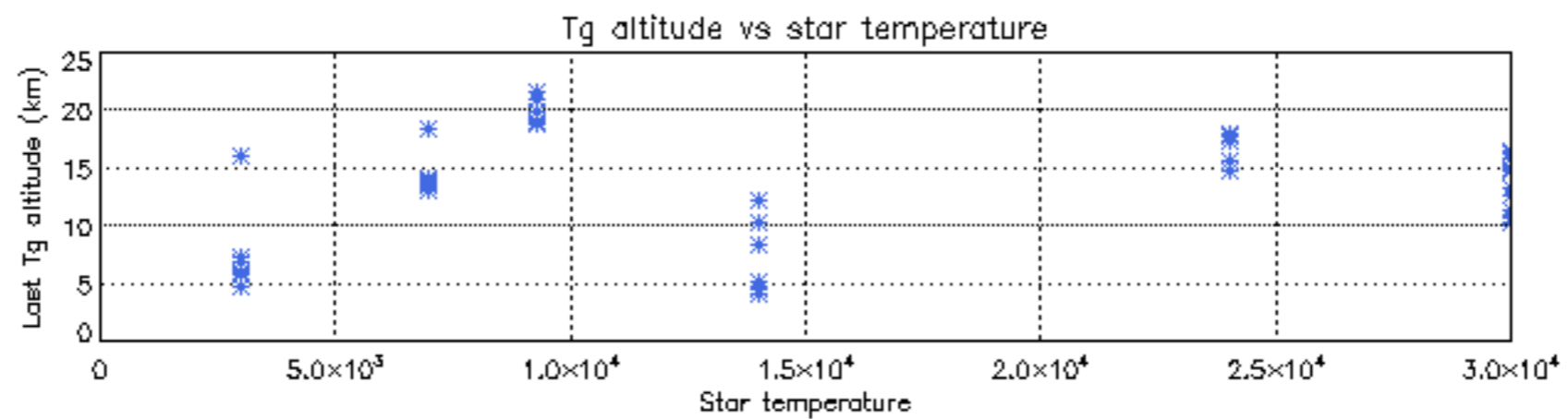
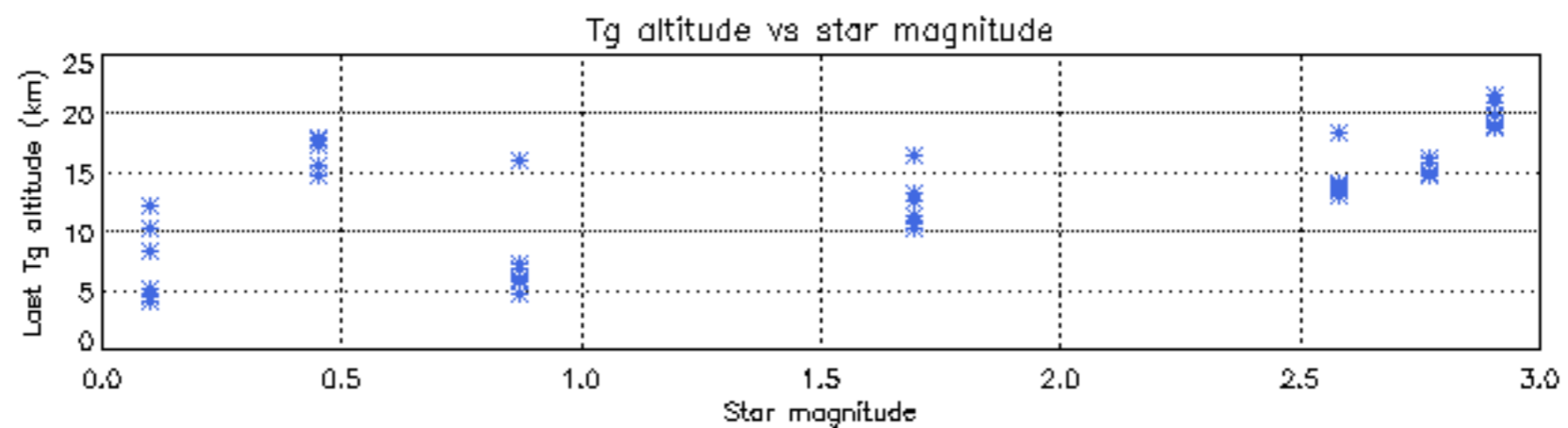
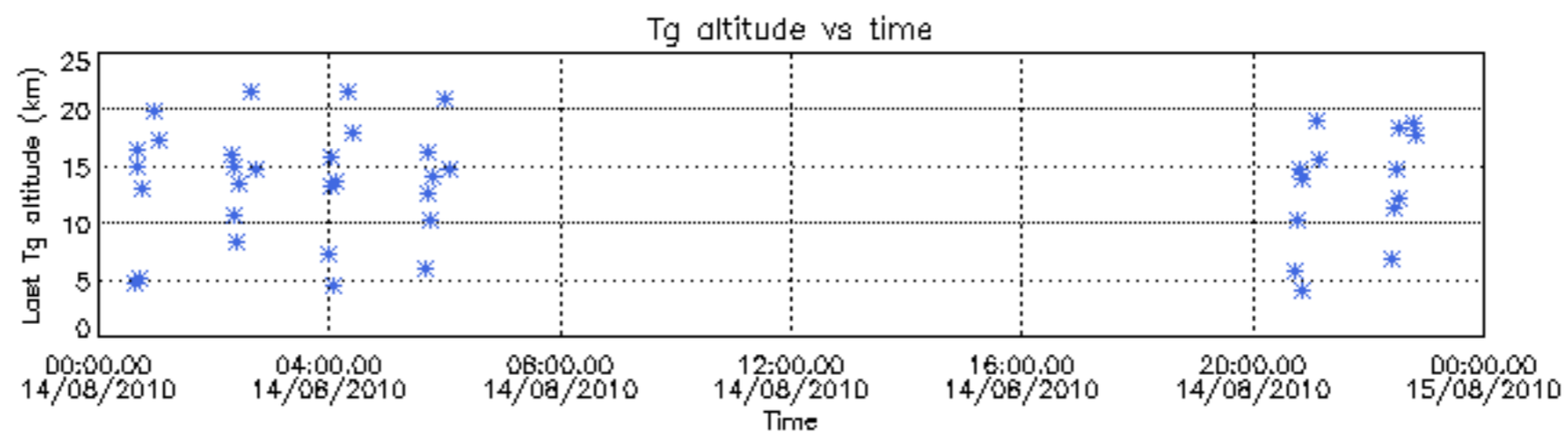
Percentage of star falling outside central band per profile



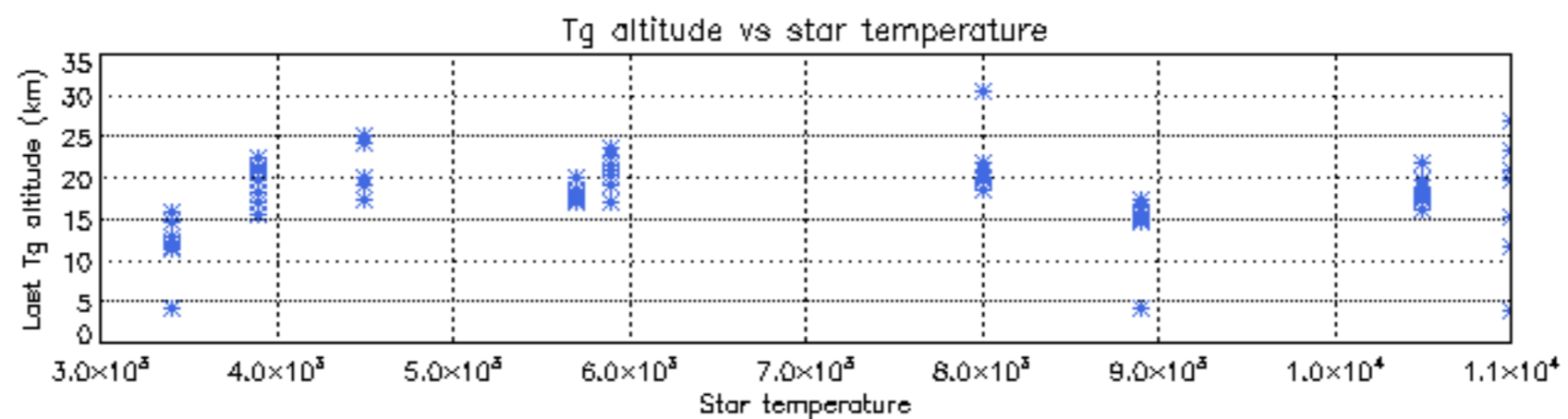
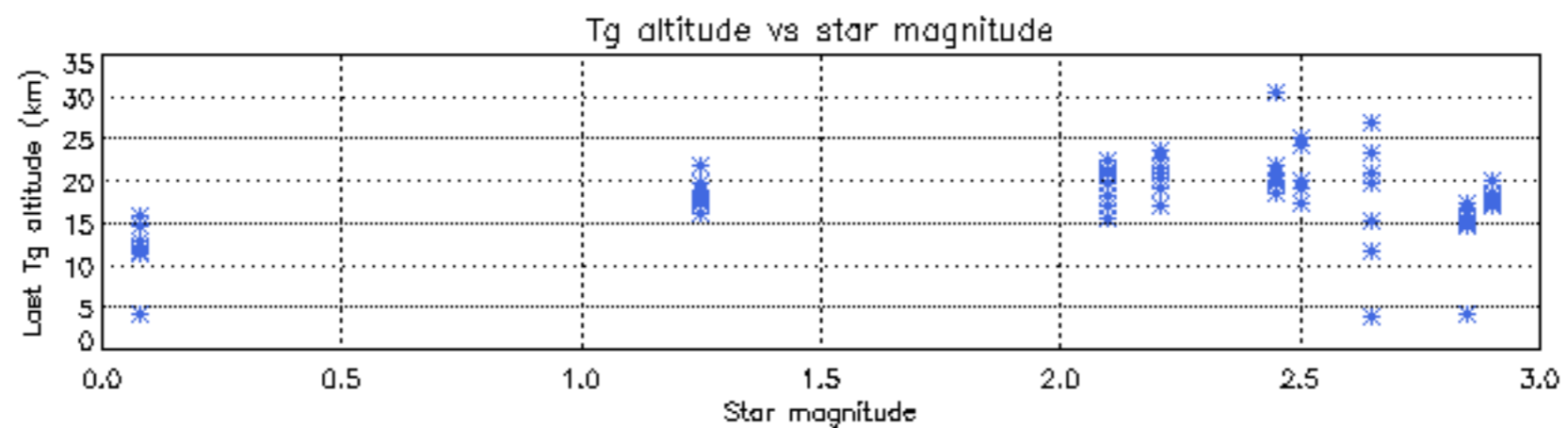
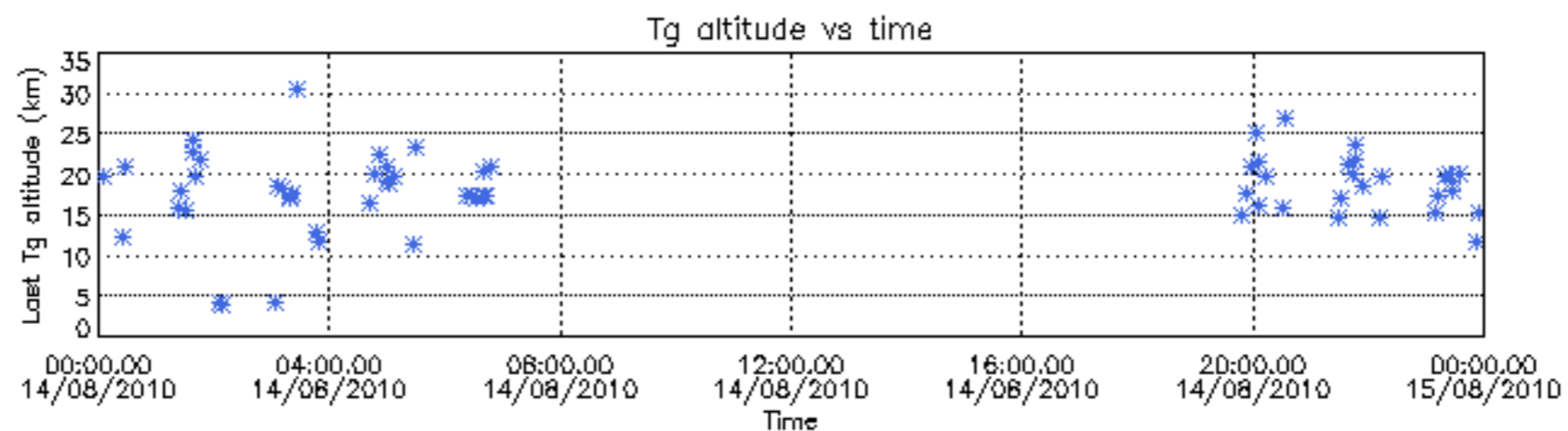
Percentage of saturation errors per profile

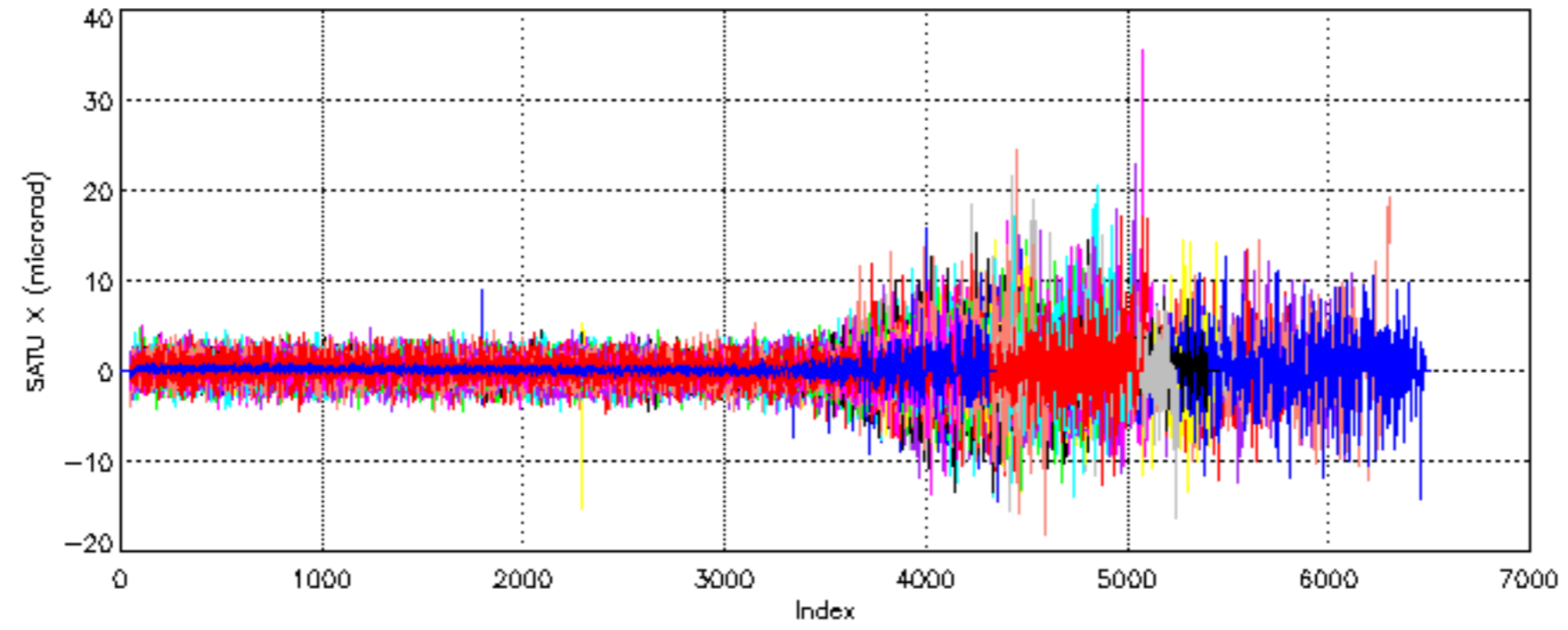


Tangent altitude at which the star is lost

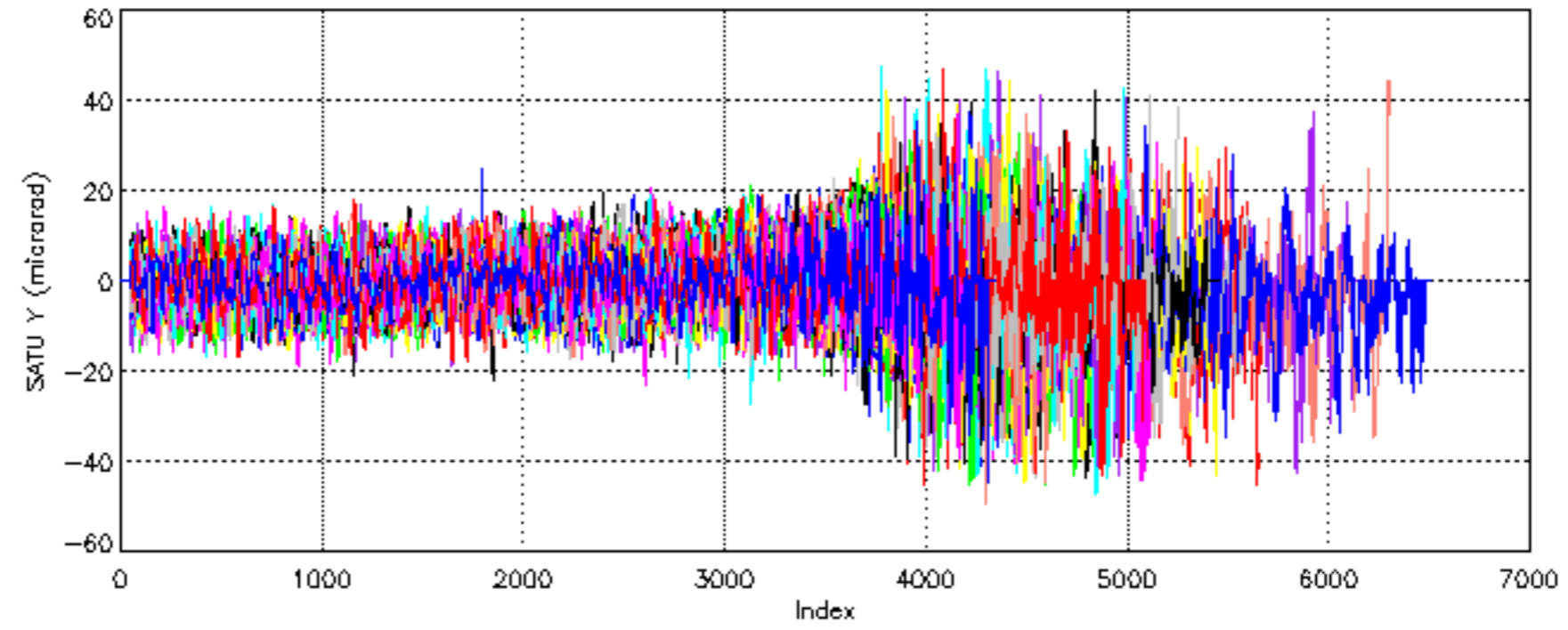


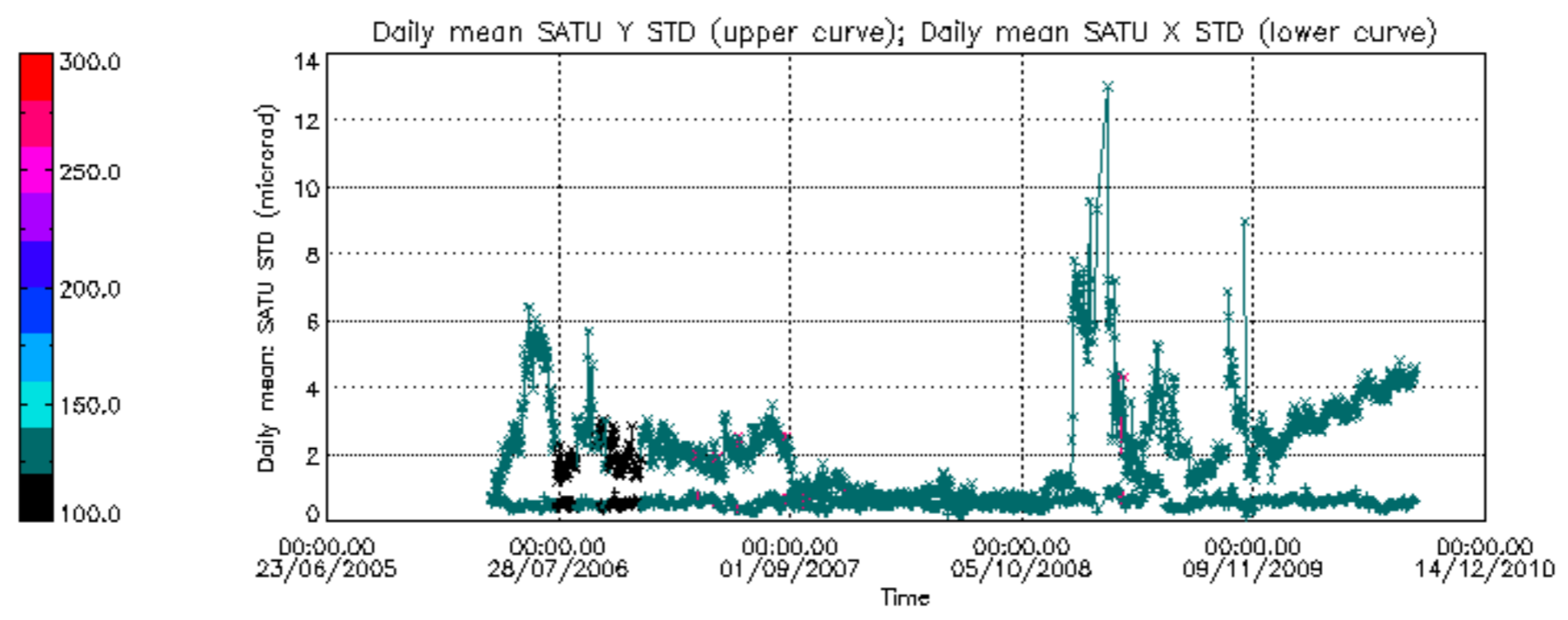
Tangent altitude at which the star is lost











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8; 4314.3; 03-AUG-2010 09:34:59; Bright; 47.0; 149; 45Eps Per ; 2.89; 30000;occ; 94; 0;44049  
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20; 6970.7; 03-AUG-2010 10:19:15; Dark ; 45.5; 31; Alp Gru ; 1.73; 15200;occ; 91; 0;44050  
21; 7158.0; 03-AUG-2010 10:22:23; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;44050

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8; 4314.0; 03-AUG-2010 11:15:34; Bright; 52.0; 149; 45Eps Per ; 2.89; 30000;occ; 104; 0;44050  
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10; 4645.9; 03-AUG-2010 11:21:06; Dark ; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;44050  
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12; 4920.6; 03-AUG-2010 11:25:41; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44050  
13; 5035.4; 03-AUG-2010 11:27:36; Dark ; 44.0; 30; 46Eps Ori ; 1.69; 30000;occ; 88; 0;44050  
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19; 6971.3; 03-AUG-2010 11:59:52; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;44051  
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19; 6971.7; 03-AUG-2010 13:40:28; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 0;44052
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3; 2688.4; 03-AUG-2010 14:09:41; Bright; 37.5; 144; 18Del Cyg ; 2.86; 11000;occ; 75; 0;44052
4; 3077.2; 03-AUG-2010 14:16:09; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;44052
5; 3966.6; 03-AUG-2010 14:30:59; Bright; 33.0; 160; 23Gam Per ; 2.93; 4700;occ; 66; 0;44052
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5; 3966.4; 03-AUG-2010 16:11:35; Bright; 33.0; 160; 23Gam Per ; 2.93; 4700;occ; 66; 0;44053
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13; 5036.5; 03-AUG-2010 16:29:25; Dark ; 44.0; 30; 46Eps Ori ; 1.69; 30000;occ; 88; 0;44053
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16; 5758.4; 03-AUG-2010 16:41:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44053
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9; 4313.9; 03-AUG-2010 17:57:58; Bright; 48.0; 149; 45Eps Per ; 2.89; 30000;occ; 96; 0;44054
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 17; 6046.6; 03-AUG-2010 18:26:51; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44055  
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 7; 3542.5; 06-AUG-2010 16:10:16; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44096
 8; 3621.6; 06-AUG-2010 16:11:35; Bright; 39.0; 110; 37Del Cas ; 2.68; 8900;occ; 78; 0;44096

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9; 3948.4; 06-AUG-2010 16:17:02; Bright; 49.5; 160; 23Gam Per ; 2.93; 4700;occ; 99; 0;44096  
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 11; 4200.9; 06-AUG-2010 16:21:14; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;44096  
 12; 4311.4; 06-AUG-2010 16:23:05; Bright; 49.5; 149; 45Eps Per ; 2.89; 30000;occ; 99; 0;44096  
 13; 4527.5; 06-AUG-2010 16:26:41; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44096  
 14; 4656.9; 06-AUG-2010 16:28:50; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;44096  
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 16; 4938.2; 06-AUG-2010 16:33:32; Dark ; 47.5; 27; 24Gam Ori ; 1.64; 26000;occ; 95; 0;44096  
 17; 5053.3; 06-AUG-2010 16:35:27; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;44096  
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 20; 5497.1; 06-AUG-2010 16:42:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44096  
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 22; 6396.4; 06-AUG-2010 16:57:50; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44097  
 23; 6709.4; 06-AUG-2010 17:03:03; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44097  
 24; 6993.2; 06-AUG-2010 17:07:47; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;44097  
 25; 7178.4; 06-AUG-2010 17:10:52; Dark ; 42.0; 172; Gam Gru ; 3.00; 13100;occ; 84; 0;44097

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 3; 1810.2; 06-AUG-2010 17:22:00; Bright; 47.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 94; 0;44097  
 4; 2543.3; 06-AUG-2010 17:34:13; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44097  
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 7; 3059.8; 06-AUG-2010 17:42:49; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44097  
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 9; 3620.9; 06-AUG-2010 17:52:10; Bright; 39.0; 110; 37Del Cas ; 2.68; 8900;occ; 78; 0;44097  
 10; 3948.0; 06-AUG-2010 17:57:37; Bright; 53.5; 160; 23Gam Per ; 2.93; 4700;occ; 107; 0;44097  
 11; 4054.5; 06-AUG-2010 17:59:24; Bright; 49.0; 35; 33Alp Per ; 1.79; 6250;occ; 98; 0;44097  
 12; 4200.4; 06-AUG-2010 18:01:50; Bright; 46.5; 6; 13Alp Aur ; 0.08; 3400;occ; 93; 0;44097  
 13; 4311.1; 06-AUG-2010 18:03:40; Bright; 50.5; 149; 45Eps Per ; 2.89; 30000;occ; 101; 0;44097  
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 17; 4938.8; 06-AUG-2010 18:14:08; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44097  
 18; 5053.9; 06-AUG-2010 18:16:03; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;44097  
 19; 5135.3; 06-AUG-2010 18:17:25; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44097  
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 21; 5497.6; 06-AUG-2010 18:23:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44097  
 22; 6091.4; 06-AUG-2010 18:33:21; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;44098  
 23; 6397.3; 06-AUG-2010 18:38:27; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44098  
 24; 6710.3; 06-AUG-2010 18:43:40; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44098  
 25; 6993.7; 06-AUG-2010 18:48:23; Dark ; 19.5; 31; Alp Gru ; 1.73; 15200;occ; 39; 0;44098

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 2; -518.2; 06-AUG-2010 01:37:48; Dark ; 58.0; 165; 34Gam Eri ; 2.95; 3200;occ; 116; 0;44087  
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 4; 44.7; 06-AUG-2010 01:47:11; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;44088  
 5; 354.0; 06-AUG-2010 01:52:20; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44088  
 6; 664.1; 06-AUG-2010 01:57:30; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44088  
 7; 953.2; 06-AUG-2010 02:02:19; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;44088  
 8; 1138.7; 06-AUG-2010 02:05:25; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;occ; 88; 0;44088  
 9; 1576.7; 06-AUG-2010 02:12:43; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;44088  
 10; 1811.2; 06-AUG-2010 02:16:37; Bright; 50.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 100; 0;44088  
 11; 2056.7; 06-AUG-2010 02:20:42; Bright; 39.0; 11; 53Alp Aql ; 0.76; 8000;occ; 78; 0;44088  
 12; 2547.1; 06-AUG-2010 02:28:53; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44088  
 13; 2682.6; 06-AUG-2010 02:31:08; Bright; 38.0; 144; 18Del Cyg ; 2.86; 11000;occ; 76; 0;44088  
 14; 3063.0; 06-AUG-2010 02:37:29; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44088  
 15; 3547.7; 06-AUG-2010 02:45:34; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44088  
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 3; 1809.9; 06-AUG-2010 20:43:11; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44099  
 4; 2542.7; 06-AUG-2010 20:55:24; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44099  
 5; 2624.1; 06-AUG-2010 20:56:45; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44099  
 6; 2732.9; 06-AUG-2010 20:58:34; Bright; 44.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 89; 0;44099  
 7; 3059.1; 06-AUG-2010 21:04:00; Bright; 42.5; 89; 5Alp Cep ; 2.45; 8000;occ; 85; 0;44099

8; 3540.0; 06-AUG-2010 21:12:01; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44099  
 9; 3619.6; 06-AUG-2010 21:13:21; Bright; 38.0; 110; 37Del Cas ; 2.68; 8900;occ; 76; 0;44099  
 10; 3946.9; 06-AUG-2010 21:18:48; Bright; 50.5; 160; 23Gam Per ; 2.93; 4700;occ; 101; 0;44099  
 11; 4053.6; 06-AUG-2010 21:20:35; Bright; 44.0; 35; 33Alp Per ; 1.79; 6250;occ; 88; 0;44099  
 12; 4200.6; 06-AUG-2010 21:23:02; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;44099  
 13; 4310.8; 06-AUG-2010 21:24:52; Bright; 54.5; 149; 45Eps Per ; 2.89; 30000;occ; 109; 0;44099  
 14; 4528.3; 06-AUG-2010 21:28:30; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44099  
 15; 4657.0; 06-AUG-2010 21:30:38; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44099  
 16; 4824.0; 06-AUG-2010 21:33:25; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;44099  
 17; 4939.4; 06-AUG-2010 21:35:21; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44099  
 18; 5054.8; 06-AUG-2010 21:37:16; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44099  
 19; 5136.1; 06-AUG-2010 21:38:37; Dark ; 41.5; 125; 44Iot Ori ; 2.77; 30000;occ; 83; 0;44099  
 20; 5211.9; 06-AUG-2010 21:39:53; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;44099

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 3; 362.7; 06-AUG-2010 21:59:40; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44100  
 4; 676.2; 06-AUG-2010 22:04:53; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44100  
 5; 959.0; 06-AUG-2010 22:09:36; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;44100  
 6; 1184.8; 06-AUG-2010 22:13:22; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;44100  
 7; 1577.7; 06-AUG-2010 22:19:55; Bright; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44100  
 8; 1809.5; 06-AUG-2010 22:23:47; Bright; 48.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 97; 0;44100  
 9; 2542.2; 06-AUG-2010 22:35:59; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44100  
 10; 2623.4; 06-AUG-2010 22:37:21; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44100  
 11; 2732.5; 06-AUG-2010 22:39:10; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44100  
 12; 3058.7; 06-AUG-2010 22:44:36; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44100  
 13; 3539.1; 06-AUG-2010 22:52:36; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44100  
 14; 3618.5; 06-AUG-2010 22:53:56; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;44100  
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 16; 4053.3; 06-AUG-2010 23:01:10; Bright; 40.0; 35; 33Alp Per ; 1.79; 6250;occ; 80; 0;44100  
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 20; 4657.5; 06-AUG-2010 23:11:15; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44100  
 21; 4824.3; 06-AUG-2010 23:14:02; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;44100  
 22; 4939.8; 06-AUG-2010 23:15:57; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;44100  
 23; 5055.2; 06-AUG-2010 23:17:52; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44100  
 24; 5136.3; 06-AUG-2010 23:19:13; Dark ; 38.5; 125; 44Iot Ori ; 2.77; 30000;occ; 77; 0;44100  
 25; 5212.9; 06-AUG-2010 23:20:30; Dark ; 49.5; 7; 19Bet Ori ; 0.10; 14000;occ; 99; 0;44100

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 3; 676.7; 06-AUG-2010 23:45:30; Dark ; 63.5; 84; Alp Phe ; 2.40; 4500;occ; 127; 0;44101  
 4; 958.9; 06-AUG-2010 23:50:12; Dark ; 49.0; 31; Alp Gru ; 1.73; 15200;occ; 98; 0;44101  
 5; 1185.6; 06-AUG-2010 23:53:59; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;44101  
 6; 1577.4; 07-AUG-2010 00:00:30; Bright; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;44101  
 7; 1809.5; 07-AUG-2010 00:04:23; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44101  
 8; 2541.9; 07-AUG-2010 00:16:35; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44101  
 9; 2623.5; 07-AUG-2010 00:17:57; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44101  
 10; 2732.0; 07-AUG-2010 00:19:45; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44101  
 11; 3058.5; 07-AUG-2010 00:25:12; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44101  
 12; 3538.5; 07-AUG-2010 00:33:12; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44101  
 13; 3617.9; 07-AUG-2010 00:34:31; Bright; 37.0; 110; 37Del Cas ; 2.68; 8900;occ; 74; 0;44101  
 14; 3946.1; 07-AUG-2010 00:39:59; Bright; 52.0; 160; 23Gam Per ; 2.93; 4700;occ; 104; 0;44101  
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 16; 4200.3; 07-AUG-2010 00:44:13; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44101  
 17; 4310.6; 07-AUG-2010 00:46:04; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 0;44101  
 18; 4528.0; 07-AUG-2010 00:49:41; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;44101  
 19; 4657.8; 07-AUG-2010 00:51:51; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;44101  
 20; 4824.8; 07-AUG-2010 00:54:38; Dark ; 58.5; 13; 87Alp Tau ; 0.87; 3800;occ; 117; 0;44101  
 21; 4940.1; 07-AUG-2010 00:56:33; Dark ; 43.0; 27; 24Gam Ori ; 1.64; 26000;occ; 86; 0;44101  
 22; 5055.5; 07-AUG-2010 00:58:29; Dark ; 40.5; 30; 46Eps Ori ; 1.69; 30000;occ; 81; 0;44101  
 23; 5136.5; 07-AUG-2010 00:59:50; Dark ; 39.0; 125; 44Iot Ori ; 2.77; 30000;occ; 78; 0;44101  
 24; 5213.5; 07-AUG-2010 01:01:07; Dark ; 52.0; 7; 19Bet Ori ; 0.10; 14000;occ; 104; 0;44101

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 3; 1577.6; 06-AUG-2010 18:58:43; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;44098

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8; 3059.1; 06-AUG-2010 19:23:24; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44098
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20; 5219.4; 07-AUG-2010 19:27:48; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;44112
21; 5343.6; 07-AUG-2010 19:29:52; Dark ; 42.5; 101; 11Alp Lep ; 2.58; 7000;occ; 85; 0;44112
22; 5505.8; 07-AUG-2010 19:32:34; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44112
23; 6107.3; 07-AUG-2010 19:42:36; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;44113
24; 6407.6; 07-AUG-2010 19:47:36; Dark ; 55.0; 9; Alp Eri ; 0.45; 24000;occ; 110; 0;44113
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2; 1192.0; 07-AUG-2010 20:01:16; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;44113
3; 1578.9; 07-AUG-2010 20:07:43; Bright; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44113
4; 1808.1; 07-AUG-2010 20:11:32; Bright; 51.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 102; 0;44113
5; 2536.8; 07-AUG-2010 20:23:41; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44113
6; 2619.8; 07-AUG-2010 20:25:04; Bright; 44.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 89; 0;44113
7; 2727.6; 07-AUG-2010 20:26:52; Bright; 44.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 88; 0;44113
8; 3054.1; 07-AUG-2010 20:32:18; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44113
9; 3529.6; 07-AUG-2010 20:40:14; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44113
10; 3609.7; 07-AUG-2010 20:41:34; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;44113
11; 3940.8; 07-AUG-2010 20:47:05; Bright; 30.0; 160; 23Gam Per ; 2.93; 4700;occ; 60; 0;44113
12; 4117.0; 07-AUG-2010 20:50:01; Bright; 48.0; 175; 39Del Per ; 3.01; 19400;occ; 96; 0;44113
13; 4356.4; 07-AUG-2010 20:54:01; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44113
14; 4530.2; 07-AUG-2010 20:56:55; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;44113
15; 4660.8; 07-AUG-2010 20:59:05; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44113
16; 4830.7; 07-AUG-2010 21:01:55; Dark ; 70.0; 13; 87Alp Tau ; 0.87; 3800;occ; 140; 0;44113
17; 4945.4; 07-AUG-2010 21:03:50; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44113
18; 5060.4; 07-AUG-2010 21:05:45; Dark ; 15.0; 30; 46Eps Ori ; 1.69; 30000;occ; 30; 0;44113
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4; -691.9; 07-AUG-2010 21:10:28; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 0;44113
5; -529.6; 07-AUG-2010 21:13:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44113
6; 72.3; 07-AUG-2010 21:23:13; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44114
7; 372.1; 07-AUG-2010 21:28:12; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44114
8; 689.9; 07-AUG-2010 21:33:30; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44114
9; 964.7; 07-AUG-2010 21:38:05; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44114
10; 1192.5; 07-AUG-2010 21:41:53; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44114
11; 1579.1; 07-AUG-2010 21:48:19; Bright; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44114
12; 1808.0; 07-AUG-2010 21:52:08; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44114
13; 2537.0; 07-AUG-2010 22:04:17; Bright; 43.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 86; 0;44114
14; 2619.6; 07-AUG-2010 22:05:40; Bright; 43.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 87; 0;44114
15; 2727.3; 07-AUG-2010 22:07:28; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44114
16; 3053.4; 07-AUG-2010 22:12:54; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44114
17; 3528.9; 07-AUG-2010 22:20:49; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44114
18; 3608.8; 07-AUG-2010 22:22:09; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;44114
19; 3940.5; 07-AUG-2010 22:27:41; Bright; 26.0; 160; 23Gam Per ; 2.93; 4700;occ; 52; 0;44114
20; 4116.8; 07-AUG-2010 22:30:37; Bright; 47.0; 175; 39Del Per ; 3.01; 19400;occ; 94; 0;44114
21; 4356.6; 07-AUG-2010 22:34:37; Bright; 35.5; 107; 37The Aur ; 2.65; 11000;occ; 71; 0;44114
22; 4530.7; 07-AUG-2010 22:37:31; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44114
23; 4660.7; 07-AUG-2010 22:39:41; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44114
24; 4831.1; 07-AUG-2010 22:42:31; Dark ; 67.0; 13; 87Alp Tau ; 0.87; 3800;occ; 134; 0;44114
25; 4945.8; 07-AUG-2010 22:44:26; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;44114
26; 5060.7; 07-AUG-2010 22:46:21; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;44114
27; 5142.5; 07-AUG-2010 22:47:43; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44114
28; 5220.6; 07-AUG-2010 22:49:01; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;44114
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4; 73.2; 07-AUG-2010 23:03:49; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;44115

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6; 691.0; 07-AUG-2010 23:14:07; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44115  
7; 965.4; 07-AUG-2010 23:18:41; Dark ; 51.5; 31; Alp Gru ; 1.73; 15200;occ; 103; 0;44115  
8; 1193.1; 07-AUG-2010 23:22:29; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44115  
9; 1579.0; 07-AUG-2010 23:28:55; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44115  
10; 1808.0; 07-AUG-2010 23:32:44; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44115  
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12; 2619.4; 07-AUG-2010 23:46:15; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;44115  
13; 2726.8; 07-AUG-2010 23:48:03; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44115  
14; 3052.9; 07-AUG-2010 23:53:29; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44115  
15; 3528.2; 08-AUG-2010 00:01:24; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44115  
16; 3608.1; 08-AUG-2010 00:02:44; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;44115  
17; 3939.7; 08-AUG-2010 00:08:16; Bright; 26.0; 160; 23Gam Per ; 2.93; 4700;occ; 52; 0;44115  
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19; 4356.4; 08-AUG-2010 00:15:12; Bright; 36.5; 107; 37The Aur ; 2.65; 11000;occ; 73; 0;44115  
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22; 4831.9; 08-AUG-2010 00:23:08; Dark ; 63.0; 13; 87Alp Tau ; 0.87; 3800;occ; 126; 0;44115  
23; 4946.1; 08-AUG-2010 00:25:02; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44115  
24; 5061.1; 08-AUG-2010 00:26:57; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44115  
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3; 74.3; 08-AUG-2010 00:44:26; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44116  
4; 373.3; 08-AUG-2010 00:49:25; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44116  
5; 691.9; 08-AUG-2010 00:54:44; Dark ; 65.5; 84; Alp Phe ; 2.40; 4500;occ; 131; 0;44116  
6; 965.9; 08-AUG-2010 00:59:18; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44116  
7; 1193.8; 08-AUG-2010 01:03:06; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44116  
8; 1578.8; 08-AUG-2010 01:09:31; Bright; 49.5; 142; 49Del Cap ; 2.85; 8900;occ; 99; 0;44116  
9; 1807.7; 08-AUG-2010 01:13:20; Bright; 48.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 96; 0;44116  
10; 2535.7; 08-AUG-2010 01:25:28; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44116  
11; 2619.0; 08-AUG-2010 01:26:51; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44116  
12; 2726.3; 08-AUG-2010 01:28:38; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44116  
13; 3052.7; 08-AUG-2010 01:34:05; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44116  
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15; 3607.6; 08-AUG-2010 01:43:20; Bright; 31.0; 110; 37Del Cas ; 2.68; 8900;occ; 62; 0;44116  
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17; 4356.7; 08-AUG-2010 01:55:49; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44116  
18; 4530.9; 08-AUG-2010 01:58:43; Dark ; 47.5; 28; 12Bet Tau ; 1.65; 15200;occ; 95; 0;44116  
19; 4661.4; 08-AUG-2010 02:00:53; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44116  
20; 4832.0; 08-AUG-2010 02:03:44; Dark ; 69.5; 13; 87Alp Tau ; 0.87; 3800;occ; 139; 0;44116  
21; 4946.5; 08-AUG-2010 02:05:39; Dark ; 45.0; 27; 24Gam Ori ; 1.64; 26000;occ; 90; 0;44116  
22; 5061.9; 08-AUG-2010 02:07:34; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;44116  
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3; -690.6; 08-AUG-2010 02:12:17; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44116  
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5; 75.4; 08-AUG-2010 02:25:03; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44117  
6; 374.1; 08-AUG-2010 02:30:02; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44117  
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8; 966.1; 08-AUG-2010 02:39:54; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;44117  
9; 1194.3; 08-AUG-2010 02:43:42; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44117  
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11; 1807.6; 08-AUG-2010 02:53:56; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;44117  
12; 2535.8; 08-AUG-2010 03:06:04; Bright; 43.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 86; 0;44117  
13; 2618.7; 08-AUG-2010 03:07:27; Bright; 41.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 83; 0;44117  
14; 2726.2; 08-AUG-2010 03:09:14; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44117  
15; 3052.6; 08-AUG-2010 03:14:40; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44117  
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4; -1679.3; 08-AUG-2010 03:36:25; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44117

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12; -690.2; 08-AUG-2010 03:52:54; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44117  
13; -527.3; 08-AUG-2010 03:55:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44117  
14; 76.8; 08-AUG-2010 04:05:41; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44118  
15; 375.1; 08-AUG-2010 04:10:39; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44118  
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18; 1194.8; 08-AUG-2010 04:24:19; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44118  
19; 1579.3; 08-AUG-2010 04:30:43; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44118  
20; 1807.7; 08-AUG-2010 04:34:32; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;44118  
21; 2535.4; 08-AUG-2010 04:46:39; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44118  
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23; 2726.1; 08-AUG-2010 04:49:50; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44118  
24; 3052.6; 08-AUG-2010 04:55:16; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;44118  
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 13; 4361.7; 11-AUG-2010 22:08:50; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44171  
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 4; 136.3; 11-AUG-2010 22:39:01; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;44172  
 5; 412.4; 11-AUG-2010 22:43:37; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44172  
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 12; 2517.7; 11-AUG-2010 23:18:42; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44172  
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 22; 4906.4; 11-AUG-2010 23:58:31; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;44172  
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12; 125.8; 11-AUG-2010 07:33:27; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44163
13; 406.3; 11-AUG-2010 07:38:07; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44163
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16; 1218.5; 11-AUG-2010 07:51:39; Dark ; 63.0; 18; 24Alp PsA ; 1.17; 9700;occ; 126; 0;44163
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4; 2608.9; 11-AUG-2010 08:14:50; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44163
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9; 4198.1; 11-AUG-2010 08:41:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44163
10; 4360.9; 11-AUG-2010 08:44:02; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;44163
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12; 4673.9; 11-AUG-2010 08:49:15; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44163
13; 4857.5; 11-AUG-2010 08:52:18; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 0;44163
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15; 5084.0; 11-AUG-2010 08:56:05; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44163
16; 5166.8; 11-AUG-2010 08:57:28; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44163
17; 5250.5; 11-AUG-2010 08:58:51; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44163
18; 5370.1; 11-AUG-2010 09:00:51; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 0;44163
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22; 6773.4; 11-AUG-2010 09:24:14; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;44164
23; 7023.0; 11-AUG-2010 09:28:24; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44164
24; 7255.1; 11-AUG-2010 09:32:16; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;44164
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6; 3036.9; 11-AUG-2010 10:02:34; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44164
7; 3361.9; 11-AUG-2010 10:07:59; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44164
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9; 4198.2; 11-AUG-2010 10:21:55; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;44164
10; 4361.0; 11-AUG-2010 10:24:38; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;44164
11; 4539.5; 11-AUG-2010 10:27:36; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;44164
12; 4673.9; 11-AUG-2010 10:29:51; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44164
13; 4858.1; 11-AUG-2010 10:32:55; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44164
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17; 5251.2; 11-AUG-2010 10:39:28; Dark ; 58.0; 7; 19Bet Ori ; 0.10; 14000;occ; 116; 0;44164
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24; 7255.4; 11-AUG-2010 11:12:52; Dark ; 61.0; 18; 24Alp PsA ; 1.17; 9700;occ; 122; 0;44165
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 9; 3490.1; 11-AUG-2010 15:11:55; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44167  
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 13; 4675.0; 11-AUG-2010 15:31:39; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;44167  
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 15; 4970.3; 11-AUG-2010 15:36:35; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;44167

16; 5086.1; 11-AUG-2010 15:38:31; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;44167  
 17; 5169.1; 11-AUG-2010 15:39:54; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44167  
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 21; 6168.1; 11-AUG-2010 15:56:33; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44168  
 22; 6445.8; 11-AUG-2010 16:01:10; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44168  
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 24; 7024.4; 11-AUG-2010 16:10:49; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;44168  
 25; 7256.7; 11-AUG-2010 16:14:41; Dark ; 55.5; 18; 24Alp PsA ; 1.17; 9700;occ; 111; 0;44168

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 5; 2518.9; 11-AUG-2010 16:36:19; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44168  
 6; 2607.7; 11-AUG-2010 16:37:48; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44168  
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 10; 3489.3; 11-AUG-2010 16:52:30; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;44168  
 11; 4198.2; 11-AUG-2010 17:04:19; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;44168  
 12; 4361.6; 11-AUG-2010 17:07:02; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;44168  
 13; 4540.0; 11-AUG-2010 17:10:00; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;44168  
 14; 4675.3; 11-AUG-2010 17:12:16; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;44168  
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 18; 5169.6; 11-AUG-2010 17:20:30; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44168  
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 20; 5373.0; 11-AUG-2010 17:23:53; Dark ; 43.0; 101; 11Alp Lep ; 2.58; 7000;occ; 86; 0;44168  
 21; 5539.4; 11-AUG-2010 17:26:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44168  
 22; 6168.9; 11-AUG-2010 17:37:09; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44169  
 23; 6446.6; 11-AUG-2010 17:41:47; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44169  
 24; 6778.3; 11-AUG-2010 17:47:19; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;44169  
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 3; 1584.5; 11-AUG-2010 18:01:21; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44169  
 4; 1803.0; 11-AUG-2010 18:04:59; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44169  
 5; 2138.8; 11-AUG-2010 18:10:35; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;44169  
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 10; 3358.0; 11-AUG-2010 18:30:54; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44169  
 11; 3488.6; 11-AUG-2010 18:33:05; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44169  
 12; 4197.8; 11-AUG-2010 18:44:54; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44169  
 13; 4361.4; 11-AUG-2010 18:47:38; Bright; 49.5; 107; 37The Aur ; 2.65; 11000;occ; 99; 0;44169  
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 15; 4675.5; 11-AUG-2010 18:52:52; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;44169  
 16; 4861.1; 11-AUG-2010 18:55:58; Dark ; 42.0; 13; 87Alp Tau ; 0.87; 3800;occ; 84; 0;44169  
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 19; 5170.0; 11-AUG-2010 19:01:06; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44169  
 20; 5254.6; 11-AUG-2010 19:02:31; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;44169  
 21; 5373.6; 11-AUG-2010 19:04:30; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44169  
 22; 5540.0; 11-AUG-2010 19:07:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44169  
 23; 6169.9; 11-AUG-2010 19:17:46; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44170  
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 4; 1803.0; 11-AUG-2010 19:45:35; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44170  
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11; 3487.7; 11-AUG-2010 20:13:40; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44170
12; 4197.7; 11-AUG-2010 20:25:30; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44170
13; 4361.9; 11-AUG-2010 20:28:14; Bright; 56.0; 107; 37The Aur ; 2.65; 11000;occ; 112; 0;44170
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15; 4675.5; 11-AUG-2010 20:33:28; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44170
16; 4861.5; 11-AUG-2010 20:36:34; Dark ; 33.0; 13; 87Alp Tau ; 0.87; 3800;occ; 66; 0;44170
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18; 5087.4; 11-AUG-2010 20:40:20; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;44170
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22; 5540.6; 11-AUG-2010 20:47:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44170
23; 6170.9; 11-AUG-2010 20:58:23; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44171
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25; 6779.8; 11-AUG-2010 21:08:32; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44171
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3; 137.1; 12-AUG-2010 00:19:37; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44173
4; 413.2; 12-AUG-2010 00:24:13; Dark ; 49.0; 9; Alp Eri ; 0.45; 24000;occ; 98; 0;44173
5; 745.6; 12-AUG-2010 00:29:46; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;44173
6; 990.2; 12-AUG-2010 00:33:50; Dark ; 46.0; 31; Alp Gru ; 1.73; 15200;occ; 92; 0;44173
7; 1223.2; 12-AUG-2010 00:37:43; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;44173
8; 1584.8; 12-AUG-2010 00:43:45; Bright; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44173
9; 1802.5; 12-AUG-2010 00:47:23; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44173
10; 2136.9; 12-AUG-2010 00:52:57; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;44173
11; 2517.5; 12-AUG-2010 00:59:18; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44173
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22; 5088.9; 12-AUG-2010 01:42:09; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;44173
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5; 138.4; 12-AUG-2010 02:00:14; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44174
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8; 990.7; 12-AUG-2010 02:14:27; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44174
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11; 1802.4; 12-AUG-2010 02:27:58; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44174
12; 2136.1; 12-AUG-2010 02:33:32; Bright; 49.5; 61; 8Eps Peg ; 2.10; 3900;occ; 99; 0;44174
13; 2517.1; 12-AUG-2010 02:39:53; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44174
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16; 3033.6; 12-AUG-2010 02:48:30; Bright; 41.5; 89; 5Alp Cep ; 2.45; 8000;occ; 83; 0;44174
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6; 187.8; 15-AUG-2010 02:06:49; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44217
7; 443.3; 15-AUG-2010 02:11:04; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44217
8; 784.7; 15-AUG-2010 02:16:46; Dark ; 58.5; 84; Alp Phe ; 2.40; 4500;occ; 117; 0;44217
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16; 2698.7; 15-AUG-2010 02:48:40; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44217
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 17; 1800.3; 15-AUG-2010 04:14:17; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44218  
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 17; 1800.0; 15-AUG-2010 05:54:53; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44219  
 18; 1926.5; 15-AUG-2010 05:56:59; Bright; 28.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 56; 0;44219  
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 21; 2599.9; 15-AUG-2010 06:08:13; Bright; 37.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 74; 0;44219  
 22; 2698.4; 15-AUG-2010 06:09:51; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44219  
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 5; 2599.6; 15-AUG-2010 07:48:48; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44220  
 6; 2698.1; 15-AUG-2010 07:50:27; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44220  
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 8; 4194.6; 15-AUG-2010 08:15:23; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;44220  
 9; 4365.9; 15-AUG-2010 08:18:15; Bright; 57.0; 107; 37The Aur ; 2.65; 11000;occ; 114; 0;44220  
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 12; 4925.5; 15-AUG-2010 08:27:34; Dark ; 57.5; 14; 58Alp Ori ; 0.87; 3000;occ; 115; 0;44220  
 13; 5114.4; 15-AUG-2010 08:30:43; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44220  
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 15; 5291.2; 15-AUG-2010 08:33:40; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;44220  
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 3; 1925.6; 15-AUG-2010 14:19:58; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;44224  
 4; 2117.6; 15-AUG-2010 14:23:10; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44224  
 5; 2504.7; 15-AUG-2010 14:29:37; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44224  
 6; 2599.2; 15-AUG-2010 14:31:12; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44224  
 7; 2697.3; 15-AUG-2010 14:32:50; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44224  
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 4; 2117.2; 15-AUG-2010 16:03:46; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;44225  
 5; 2504.9; 15-AUG-2010 16:10:13; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44225  
 6; 2599.1; 15-AUG-2010 16:11:47; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;44225  
 7; 2697.0; 15-AUG-2010 16:13:25; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44225  
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 4; 1800.2; 15-AUG-2010 17:39:05; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;44226  
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6; 2116.3; 15-AUG-2010 19:24:57; Bright; 44.0; 61; 8Eps Peg ; 2.10; 3900;occ; 88; 0;44227
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22; 6309.5; 20-AUG-2010 02:51:21; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44289
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15; 6529.2; 20-AUG-2010 04:35:37; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44290
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21; 2493.5; 20-AUG-2010 06:49:33; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44291  
22; 2593.3; 20-AUG-2010 06:51:13; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44291  
23; 2685.6; 20-AUG-2010 06:52:45; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44291  
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4; 1599.0; 20-AUG-2010 19:59:26; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44299  
5; 1798.8; 20-AUG-2010 20:02:46; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44299  
6; 1909.7; 20-AUG-2010 20:04:37; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44299  
7; 2096.5; 20-AUG-2010 20:07:44; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44299  
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9; 2684.6; 20-AUG-2010 20:17:32; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44299  
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11; 992.2; 20-AUG-2010 21:29:55; Dark ; 53.5; 63; Bet Gru ; 2.15; 2800;occ; 107; 0;44300  
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28; 5254.1; 20-AUG-2010 22:40:57; Dark ; 48.5; 125; 44Tot Ori ; 2.77; 30000;occ; 97; 0;44300

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 7; 501.9; 21-AUG-2010 02:23:33; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44303  
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 16; 2684.3; 21-AUG-2010 02:59:55; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44303  
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15; 994.2; 21-AUG-2010 04:12:21; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;44304
16; 1279.1; 21-AUG-2010 04:17:06; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44304
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10; 3245.3; 21-AUG-2010 21:35:51; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44314
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 9; 3248.3; 21-AUG-2010 16:34:06; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44311
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12; 4643.7; 21-AUG-2010 16:57:22; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44311
13; 4741.5; 21-AUG-2010 16:59:00; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44311

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 24; 6898.0; 21-AUG-2010 19:15:32; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44313  
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 24; 6898.4; 21-AUG-2010 20:56:09; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44314  
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6; 519.2; 22-AUG-2010 21:59:24; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44329
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14; 2489.1; 22-AUG-2010 22:32:14; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44329
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22; 4978.2; 23-AUG-2010 00:54:19; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44330
23; 5071.3; 23-AUG-2010 00:55:52; Dark ; 58.5; 27; 24Gam Ori ; 1.64; 26000;occ; 117; 0;44330
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 12; 4973.0; 22-AUG-2010 08:08:15; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;44320  
 13; 5063.8; 22-AUG-2010 08:09:45; Dark ; 58.0; 27; 24Gam Ori ; 1.64; 26000;occ; 116; 0;44320  
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 7; 3240.6; 22-AUG-2010 09:19:58; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44321  
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 10; 4372.8; 22-AUG-2010 13:00:02; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;44323  
 11; 4571.2; 22-AUG-2010 13:03:20; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44323  
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 16; 5272.3; 22-AUG-2010 13:15:01; Dark ; 51.5; 125; 44Iot Ori ; 2.77; 30000;occ; 103; 0;44323  
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 3; 1906.0; 22-AUG-2010 15:40:07; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44325
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 6; 2681.7; 22-AUG-2010 15:53:03; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44325
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12; 5549.1; 23-AUG-2010 04:25:02; Dark ; 52.5; 139; 9Bet Lep ; 2.83; 5600;occ; 105; 0;44332
13; 5664.7; 23-AUG-2010 04:26:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44332
14; 6363.5; 23-AUG-2010 04:38:36; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44333
15; 6557.7; 23-AUG-2010 04:41:50; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44333
16; 6913.1; 23-AUG-2010 04:47:46; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44333

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18; 7325.1; 23-AUG-2010 04:54:38; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;44333
19; 7638.9; 23-AUG-2010 04:59:51; Dark ; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;44333
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23; 8525.0; 23-AUG-2010 05:14:37; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44333
24; 8716.9; 23-AUG-2010 05:17:49; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44333
25; 9029.8; 23-AUG-2010 05:23:02; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44333
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 4; -1288.1; 23-AUG-2010 05:52:16; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 0;44333
 5; -1055.9; 23-AUG-2010 05:56:09; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44333
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11; -370.4; 23-AUG-2010 06:07:34; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44333
12; 329.0; 23-AUG-2010 06:19:13; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44334
13; 522.1; 23-AUG-2010 06:22:27; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44334
14; 877.6; 23-AUG-2010 06:28:22; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44334
15; 1005.8; 23-AUG-2010 06:30:30; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;44334
16; 1289.4; 23-AUG-2010 06:35:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44334
17; 1602.9; 23-AUG-2010 06:40:27; Dark ; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;44334
18; 1800.1; 23-AUG-2010 06:43:45; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44334
19; 1904.5; 23-AUG-2010 06:45:29; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;44334
20; 2089.7; 23-AUG-2010 06:48:34; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44334
21; 2488.5; 23-AUG-2010 06:55:13; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44334
22; 2680.9; 23-AUG-2010 06:58:25; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44334
23; 2993.4; 23-AUG-2010 07:03:38; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44334
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 3; -1462.2; 23-AUG-2010 07:29:58; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44334
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 5; -1055.0; 23-AUG-2010 07:36:45; Dark ; 55.0; 14; 58Alp Ori ; 0.87; 3000;occ; 110; 0;44334
 6; -961.2; 23-AUG-2010 07:38:19; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44334
 7; -843.6; 23-AUG-2010 07:40:17; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44334
 8; -754.4; 23-AUG-2010 07:41:46; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;44334
 9; -642.1; 23-AUG-2010 07:43:38; Dark ; 75.0; 7; 19Bet Ori ; 0.10; 14000;occ; 150; 0;44334
10; -485.4; 23-AUG-2010 07:46:15; Dark ; 52.0; 139; 9Bet Lep ; 2.83; 5600;occ; 104; 0;44334
11; -369.5; 23-AUG-2010 07:48:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44334
12; 329.9; 23-AUG-2010 07:59:50; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44335
13; 523.1; 23-AUG-2010 08:03:03; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;44335
14; 878.4; 23-AUG-2010 08:08:59; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44335
15; 1006.2; 23-AUG-2010 08:11:07; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;44335
16; 1289.9; 23-AUG-2010 08:15:50; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44335
17; 1603.2; 23-AUG-2010 08:21:04; Dark ; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;44335
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 3; 2089.0; 23-AUG-2010 08:29:09; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44335
 4; 2488.5; 23-AUG-2010 08:35:49; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44335
 5; 2680.6; 23-AUG-2010 08:39:01; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44335
 6; 2993.3; 23-AUG-2010 08:44:14; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44335
 7; 3230.2; 23-AUG-2010 08:48:11; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44335
 8; 4181.3; 23-AUG-2010 09:04:02; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44335
 9; 4373.6; 23-AUG-2010 09:07:14; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44335
10; 4573.7; 23-AUG-2010 09:10:34; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44335
11; 4748.6; 23-AUG-2010 09:13:29; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44335
12; 4981.5; 23-AUG-2010 09:17:22; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;44335
13; 5075.7; 23-AUG-2010 09:18:56; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44335
14; 5193.1; 23-AUG-2010 09:20:54; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44335

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 16; 5394.8; 23-AUG-2010 09:24:15; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;44335  
 17; 5551.5; 23-AUG-2010 09:26:52; Dark ; 49.0; 139; 9Bet Lep ; 2.83; 5600;occ; 98; 0;44335  
 18; 5667.3; 23-AUG-2010 09:28:48; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44335  
 19; 6367.0; 23-AUG-2010 09:40:27; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44336  
 20; 6559.9; 23-AUG-2010 09:43:40; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44336  
 21; 6914.7; 23-AUG-2010 09:49:35; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44336  
 22; 7042.3; 23-AUG-2010 09:51:43; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;44336  
 23; 7326.1; 23-AUG-2010 09:56:27; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;44336  
 24; 7639.0; 23-AUG-2010 10:01:39; Dark ; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;44336

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 3; 2089.2; 23-AUG-2010 10:09:45; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;44336  
 4; 2488.5; 23-AUG-2010 10:16:25; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44336  
 5; 2680.5; 23-AUG-2010 10:19:37; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;44336  
 6; 2993.3; 23-AUG-2010 10:24:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44336  
 7; 3229.5; 23-AUG-2010 10:28:46; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44336  
 8; 4181.3; 23-AUG-2010 10:44:38; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44336  
 9; 4373.4; 23-AUG-2010 10:47:50; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44336  
 10; 4574.2; 23-AUG-2010 10:51:11; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44336  
 11; 4649.7; 23-AUG-2010 10:52:26; Dark ; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;44336  
 12; 4748.6; 23-AUG-2010 10:54:05; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44336  
 13; 4981.9; 23-AUG-2010 10:57:58; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44336  
 14; 5076.4; 23-AUG-2010 10:59:33; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44336  
 15; 5193.7; 23-AUG-2010 11:01:30; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;44336  
 16; 5307.5; 23-AUG-2010 11:03:24; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;44336  
 17; 5395.9; 23-AUG-2010 11:04:52; Dark ; 67.5; 7; 19Bet Ori ; 0.10; 14000;occ; 135; 0;44336  
 18; 5552.2; 23-AUG-2010 11:07:29; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;44336  
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 21; 6560.1; 23-AUG-2010 11:24:16; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44337  
 22; 6915.3; 23-AUG-2010 11:30:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44337  
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 5; 2488.5; 23-AUG-2010 11:57:01; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44337  
 6; 2680.6; 23-AUG-2010 12:00:13; Bright; 35.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 70; 0;44337  
 7; 2993.2; 23-AUG-2010 12:05:25; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44337  
 8; 3228.7; 23-AUG-2010 12:09:21; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44337  
 9; 4181.1; 23-AUG-2010 12:25:13; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;44337  
 10; 4373.3; 23-AUG-2010 12:28:26; Bright; 53.5; 107; 37The Aur ; 2.65; 11000;occ; 107; 0;44337  
 11; 4574.3; 23-AUG-2010 12:31:46; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44337  
 12; 4650.3; 23-AUG-2010 12:33:02; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;44337  
 13; 4749.1; 23-AUG-2010 12:34:41; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44337  
 14; 4982.4; 23-AUG-2010 12:38:35; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44337  
 15; 5077.3; 23-AUG-2010 12:40:09; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44337  
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 21; 6369.5; 23-AUG-2010 13:01:42; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44338  
 22; 6561.0; 23-AUG-2010 13:04:53; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44338  
 23; 6916.5; 23-AUG-2010 13:10:49; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44338  
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 4; 2088.6; 23-AUG-2010 13:30:57; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44338  
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12; 4650.8; 23-AUG-2010 14:13:39; Dark ; 52.0; 151; 13Mu Gem ; 2.89; 3000;occ; 104; 0;44338
13; 4749.3; 23-AUG-2010 14:15:17; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44338
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16; 5195.6; 23-AUG-2010 14:22:44; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44338
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19; 5554.4; 23-AUG-2010 14:28:42; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;44338
20; 5670.0; 23-AUG-2010 14:30:38; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44338
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22; 6561.5; 23-AUG-2010 14:45:30; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44339
23; 6917.0; 23-AUG-2010 14:51:25; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44339
24; 7043.6; 23-AUG-2010 14:53:32; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;44339
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5; 2488.2; 23-AUG-2010 15:18:12; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44339
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7; 2992.9; 23-AUG-2010 15:26:37; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;44339
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13; 4749.9; 23-AUG-2010 15:55:54; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44339
14; 4983.4; 23-AUG-2010 15:59:47; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44339
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6; 2488.0; 23-AUG-2010 16:58:48; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;44340
7; 2680.2; 23-AUG-2010 17:02:00; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44340
8; 2992.5; 23-AUG-2010 17:07:12; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44340
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4; 1603.6; 23-AUG-2010 20:05:16; Dark ; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44342
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6; -362.2; 23-AUG-2010 21:13:06; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44342
7; 339.6; 23-AUG-2010 21:24:47; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44343
8; 528.2; 23-AUG-2010 21:27:56; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44343
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23; 4751.5; 24-AUG-2010 01:59:31; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44345
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6; 343.8; 24-AUG-2010 02:26:39; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44346
7; 530.5; 24-AUG-2010 02:29:46; Dark ; 52.0; 9; Alp Eri ; 0.45; 24000;occ; 104; 0;44346
8; 886.4; 24-AUG-2010 02:35:42; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44346
9; 1010.6; 24-AUG-2010 02:37:46; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;44346

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 15; 2487.6; 24-AUG-2010 03:02:23; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44346  
 16; 2679.9; 24-AUG-2010 03:05:35; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44346  
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 11; 344.8; 24-AUG-2010 04:07:16; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;44347  
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 17; 1800.4; 24-AUG-2010 04:31:32; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44347  
 18; 1903.2; 24-AUG-2010 04:33:15; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44347  
 19; 2087.4; 24-AUG-2010 04:36:19; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44347  
 20; 2488.0; 24-AUG-2010 04:42:59; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44347  
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 22; 2991.0; 24-AUG-2010 04:51:22; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44347  
 23; 3221.8; 24-AUG-2010 04:55:13; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44347  
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 12; 531.8; 24-AUG-2010 05:50:59; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44348  
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6; 2679.7; 24-AUG-2010 11:28:35; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44351
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 6; 2086.0; 24-AUG-2010 19:41:41; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44356  
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14; 5218.2; 25-AUG-2010 11:39:16; Dark ; 57.5; 30; 46Eps Ori ; 1.69; 30000;occ; 115; 0;44365
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 5; 2486.8; 25-AUG-2010 12:34:21; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44366
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9; 2987.4; 25-AUG-2010 19:25:05; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44370
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 15; 2986.9; 25-AUG-2010 22:46:17; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44372  
 16; 3203.9; 25-AUG-2010 22:49:54; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44372  
 17; 3336.2; 25-AUG-2010 22:52:06; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44372  
 18; 4216.0; 25-AUG-2010 23:06:46; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;44372  
 19; 4375.1; 25-AUG-2010 23:09:25; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44372  
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 22; 5003.1; 25-AUG-2010 23:19:53; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44372  
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 5; 547.9; 25-AUG-2010 23:46:14; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44373  
 6; 904.9; 25-AUG-2010 23:52:11; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;44373  
 7; 1020.4; 25-AUG-2010 23:54:06; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44373  
 8; 1302.4; 25-AUG-2010 23:58:48; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;44373  
 9; 1607.7; 26-AUG-2010 00:03:53; Dark ; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44373  
 10; 1800.9; 26-AUG-2010 00:07:07; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44373  
 11; 1900.3; 26-AUG-2010 00:08:46; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44373  
 12; 2082.9; 26-AUG-2010 00:11:48; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44373  
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 16; 3335.5; 26-AUG-2010 00:32:41; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;44373  
 17; 4216.0; 26-AUG-2010 00:47:22; Bright; 47.5; 42; 34Bet Aur ; 1.90; 10200;occ; 95; 0;44373  
 18; 4375.1; 26-AUG-2010 00:50:01; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44373  
 19; 4659.9; 26-AUG-2010 00:54:46; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44373  
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 21; 5003.6; 26-AUG-2010 01:00:29; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44373

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 4; 378.0; 26-AUG-2010 01:23:59; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44374  
 5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374  
 6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374  
 7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374

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5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374
6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374
7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374
8; 1302.8; 26-AUG-2010 01:39:24; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44374
9; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
10; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
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3; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
4; 1900.1; 26-AUG-2010 01:49:22; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44374
5; 2083.3; 26-AUG-2010 01:52:25; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44374
6; 2486.6; 26-AUG-2010 01:59:08; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44374
7; 2986.6; 26-AUG-2010 02:07:28; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44374
8; 3202.6; 26-AUG-2010 02:11:04; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44374
9; 3334.9; 26-AUG-2010 02:13:16; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44374
10; 4216.1; 26-AUG-2010 02:27:58; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;44374
11; 4375.4; 26-AUG-2010 02:30:37; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44374
12; 4660.1; 26-AUG-2010 02:35:22; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44374
13; 4760.5; 26-AUG-2010 02:37:02; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;44374
14; 5004.4; 26-AUG-2010 02:41:06; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44374
15; 5222.7; 26-AUG-2010 02:44:44; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44374
16; 5325.3; 26-AUG-2010 02:46:27; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;44374
17; 5704.0; 26-AUG-2010 02:52:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44374
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19; 6585.0; 26-AUG-2010 03:07:26; Dark ; 49.0; 9; Alp Eri ; 0.45; 24000;occ; 98; 0;44375
20; 6942.0; 26-AUG-2010 03:13:23; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44375
21; 7057.2; 26-AUG-2010 03:15:19; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;44375
22; 7339.4; 26-AUG-2010 03:20:01; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44375
23; 7643.6; 26-AUG-2010 03:25:05; Dark ; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44375
24; 7837.3; 26-AUG-2010 03:28:19; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44375
25; 7936.0; 26-AUG-2010 03:29:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44375
26; 8119.0; 26-AUG-2010 03:33:00; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44375
27; 8530.9; 26-AUG-2010 03:39:52; Bright; 26.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 53; 0;44375
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2; 3202.0; 26-AUG-2010 03:51:39; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44375
3; 3334.4; 26-AUG-2010 03:53:52; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44375
4; 4216.1; 26-AUG-2010 04:08:33; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44375
5; 4375.3; 26-AUG-2010 04:11:13; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44375
6; 4660.5; 26-AUG-2010 04:15:58; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44375
7; 4761.0; 26-AUG-2010 04:17:38; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44375
8; 5005.2; 26-AUG-2010 04:21:43; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44375
9; 5223.7; 26-AUG-2010 04:25:21; Dark ; 59.5; 72; 34Del Ori ; 2.25; 30000;occ; 119; 0;44375
10; 5325.9; 26-AUG-2010 04:27:03; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;44375
11; 5528.0; 26-AUG-2010 04:30:25; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44375
12; 5705.1; 26-AUG-2010 04:33:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44375
13; 6416.6; 26-AUG-2010 04:45:14; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44376
14; 6585.8; 26-AUG-2010 04:48:03; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44376
15; 6943.2; 26-AUG-2010 04:54:01; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;44376
16; 7057.7; 26-AUG-2010 04:55:55; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44376
17; 7339.3; 26-AUG-2010 05:00:37; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44376
18; 7644.0; 26-AUG-2010 05:05:41; Dark ; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;44376
19; 7837.5; 26-AUG-2010 05:08:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44376
20; 7936.2; 26-AUG-2010 05:10:34; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44376
21; 8119.2; 26-AUG-2010 05:13:37; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44376
22; 8587.3; 26-AUG-2010 05:21:25; Bright; 49.5; 164; 44Eta Peg ; 2.95; 5400;occ; 99; 0;44376
23; 9022.7; 26-AUG-2010 05:28:40; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44376
24; 9237.1; 26-AUG-2010 05:32:14; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44376
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12; 5006.9; 26-AUG-2010 09:23:32; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44378
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11; 5008.4; 26-AUG-2010 12:44:46; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44380
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21; 6626.9; 30-AUG-2010 17:47:40; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44441  
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13; 3154.3; 31-AUG-2010 01:12:47; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44445  
14; 3283.9; 31-AUG-2010 01:14:56; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;44445  
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17; 4511.6; 31-AUG-2010 01:35:24; Bright; 54.0; 17; 78Bet Gem ; 1.16; 4500;occ; 108; 0;44445  
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5; 593.7; 31-AUG-2010 02:10:42; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44446  
6; 951.8; 31-AUG-2010 02:16:40; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44446



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8; 518.6; 31-AUG-2010 03:50:03; Dark ; 41.0; 143; Alp Hyi ; 2.86; 7200;occ; 82; 0;44447
9; 594.4; 31-AUG-2010 03:51:18; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44447
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11; 1325.0; 31-AUG-2010 04:03:29; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44447
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11; 952.6; 31-AUG-2010 05:37:53; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;44448
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13; 1617.0; 31-AUG-2010 05:48:57; Dark ; 53.5; 142; 49Del Cap ; 2.85; 8900;occ; 107; 0;44448
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4; 2976.8; 31-AUG-2010 07:52:13; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44449
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6; 3281.1; 31-AUG-2010 07:57:17; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44449

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3; -357.6; 31-AUG-2010 23:42:38; Dark ; 53.0; 139; 9Bet Lep ; 2.83; 5600;occ; 106; 0;44458

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4; -242.7; 31-AUG-2010 23:44:33; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44458  
 5; 524.9; 31-AUG-2010 23:57:20; Dark ; 39.5; 143; Alp Hyi ; 2.86; 7200;occ; 79; 0;44459  
 6; 601.9; 31-AUG-2010 23:58:37; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44459  
 7; 959.7; 01-SEP-2010 00:04:35; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;44459  
 8; 1328.2; 01-SEP-2010 00:10:44; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;44459  
 9; 1618.7; 01-SEP-2010 00:15:34; Dark ; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44459  
 10; 1895.5; 01-SEP-2010 00:20:11; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;44459  
 11; 2075.2; 01-SEP-2010 00:23:11; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44459  
 12; 2503.0; 01-SEP-2010 00:30:18; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;44459  
 13; 2975.5; 01-SEP-2010 00:38:11; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44459  
 14; 3145.2; 01-SEP-2010 00:41:01; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;44459  
 15; 3273.7; 01-SEP-2010 00:43:09; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44459  
 16; 4208.2; 01-SEP-2010 00:58:43; Bright; 45.5; 42; 34Bet Aur ; 1.90; 10200;occ; 91; 0;44459  
 17; 4377.9; 01-SEP-2010 01:01:33; Bright; 57.0; 107; 37The Aur ; 2.65; 11000;occ; 114; 0;44459  
 18; 4514.1; 01-SEP-2010 01:03:49; Bright; 39.0; 17; 78Bet Gem ; 1.16; 4500;occ; 78; 0;44459  
 19; 4685.5; 01-SEP-2010 01:06:41; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;44459  
 20; 4790.7; 01-SEP-2010 01:08:26; Dark ; 52.5; 44; 24Gam Gem ; 1.93; 11000;occ; 105; 0;44459  
 21; 4913.6; 01-SEP-2010 01:10:29; Dark ; 49.5; 8; 10Alp CMi ; 0.40; 6500;occ; 99; 0;44459