

# GOMOS Daily Report 05-SEP-2010

## Level 0 and Level 1 products

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

Item	Value
Time of report generation	08SEP2010 04:48:39
Data source version	GOMOS/5.01
Start time of products	05SEP2010 00:04:01
Stop time of products	05SEP2010 23:44:51
Store outputs in DB	Yes
Nb of level 1b prods	116
Nb of prods with errors	1

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

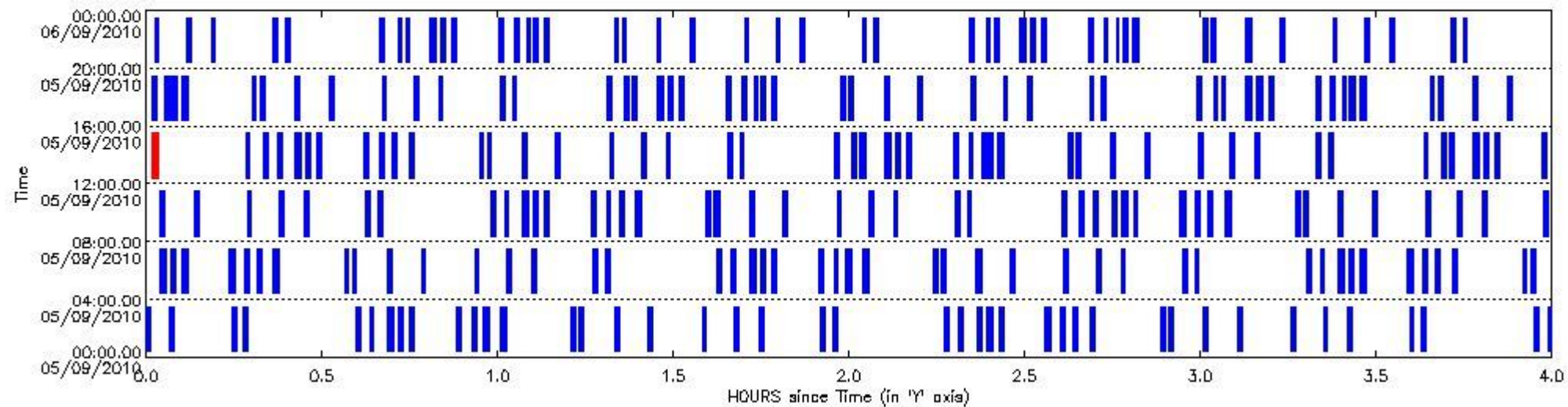
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
05-SEP-2010 12:00:52	27GamCas	76	44523

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

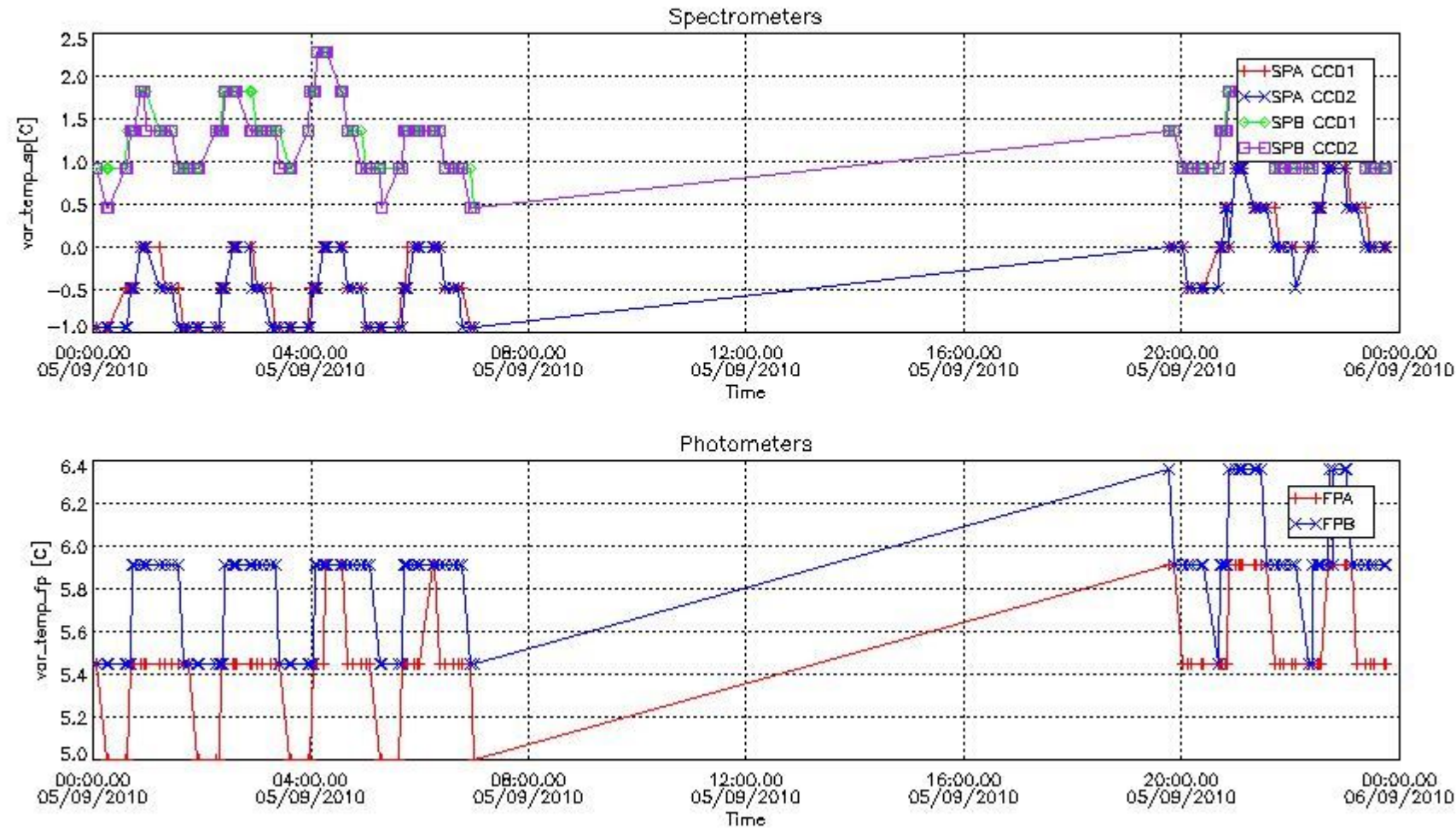
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100905_000401_000000422092_00374_44516_1030.N1	05-SEP-2010 00:04:01	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44516	No
2	GOM_TRA_1PNPDE20100905_001434_000000442092_00374_44516_1031.N1	05-SEP-2010 00:14:34	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44516	No
3	GOM_TRA_1PNPDE20100905_001638_000000462092_00374_44516_1032.N1	05-SEP-2010 00:16:38	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44516	No
4	GOM_TRA_1PNPDE20100905_003542_000000492092_00374_44516_1033.N1	05-SEP-2010 00:35:42	Bright	48.500	107	37The Aur	2.6490	11000.	97	44516	No
5	GOM_TRA_1PNPDE20100905_003806_000000402092_00374_44516_1034.N1	05-SEP-2010 00:38:06	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	44516	No
6	GOM_TRA_1PNPDE20100905_004108_000000602092_00374_44516_1035.N1	05-SEP-2010 00:41:08	Twilight	60.000	151	13Mu Gem	2.8900	3000.0	120	44516	No
7	GOM_TRA_1PNPDE20100905_004258_000000512092_00374_44516_1036.N1	05-SEP-2010 00:42:58	Twilight	50.500	44	24Gam Gem	1.9280	11000.	101	44516	No
8	GOM_TRA_1PNPDE20100905_004455_000000482092_00374_44516_1037.N1	05-SEP-2010 00:44:55	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	44516	No
9	GOM_TRA_1PNPDE20100905_005253_000000552092_00374_44516_1063.N1	05-SEP-2010 00:52:53	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	44516	No
10	GOM_TRA_1PNPDE20100905_005532_000000452092_00374_44516_1064.N1	05-SEP-2010 00:55:32	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44516	No

11	GOM_TRA_1PNPDE20100905_005734_000000582092_00374_44516_1065.N1	05-SEP-2010 00:57:34	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44516	No
12	GOM_TRA_1PNPDE20100905_011236_000000412092_00375_44517_1066.N1	05-SEP-2010 01:12:36	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44517	No
13	GOM_TRA_1PNPDE20100905_011355_000000442092_00375_44517_1067.N1	05-SEP-2010 01:13:55	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44517	No
14	GOM_TRA_1PNPDE20100905_011951_000000522092_00375_44517_1068.N1	05-SEP-2010 01:19:51	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	44517	No
15	GOM_TRA_1PNPDE20100905_012543_000000492092_00375_44517_1069.N1	05-SEP-2010 01:25:43	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44517	No
16	GOM_TRA_1PNPDE20100905_013454_000000402092_00375_44517_1070.N1	05-SEP-2010 01:34:54	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44517	No
17	GOM_TRA_1PNPDE20100905_014023_000000462092_00375_44517_1071.N1	05-SEP-2010 01:40:23	Bright	46.000	90	54Alp Peg	2.4870	11000.	92	44517	No
18	GOM_TRA_1PNPDE20100905_014436_000000422092_00375_44517_1072.N1	05-SEP-2010 01:44:36	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	44517	No
19	GOM_TRA_1PNPDE20100905_015509_000000432092_00375_44517_1073.N1	05-SEP-2010 01:55:09	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44517	No
20	GOM_TRA_1PNPDE20100905_015713_000000442092_00375_44517_1074.N1	05-SEP-2010 01:57:13	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	44517	No
21	GOM_TRA_1PNPDE20100905_021618_000000492092_00375_44517_1075.N1	05-SEP-2010 02:16:18	Bright	49.000	107	37The Aur	2.6490	11000.	98	44517	No
22	GOM_TRA_1PNPDE20100905_021843_000000402092_00375_44517_1076.N1	05-SEP-2010 02:18:43	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	44517	No
23	GOM_TRA_1PNPDE20100905_022144_000000592092_00375_44517_1077.N1	05-SEP-2010 02:21:44	Twilight	58.500	151	13Mu Gem	2.8900	3000.0	117	44517	No
24	GOM_TRA_1PNPDE20100905_022334_000000522092_00375_44517_1078.N1	05-SEP-2010 02:23:34	Twilight	51.500	44	24Gam Gem	1.9280	11000.	103	44517	No
25	GOM_TRA_1PNPDE20100905_022532_000000522092_00375_44517_1079.N1	05-SEP-2010 02:25:32	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	44517	No
26	GOM_TRA_1PNPDE20100905_023329_000000522092_00375_44517_1080.N1	05-SEP-2010 02:33:29	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	44517	No
27	GOM_TRA_1PNPDE20100905_023609_000000432092_00375_44517_1081.N1	05-SEP-2010 02:36:09	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	44517	No
28	GOM_TRA_1PNPDE20100905_023811_000000582092_00375_44517_1082.N1	05-SEP-2010 02:38:11	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44517	No
29	GOM_TRA_1PNPDE20100905_025312_000000432092_00376_44518_1083.N1	05-SEP-2010 02:53:12	Dark	42.500	143	Alp Hyi	2.8570	7200.0	85	44518	No
30	GOM_TRA_1PNPDE20100905_025432_000000492092_00376_44518_1084.N1	05-SEP-2010 02:54:32	Dark	48.500	9	Alp Eri	0.45300	24000.	97	44518	No
31	GOM_TRA_1PNPDE20100905_030028_000000512092_00376_44518_1085.N1	05-SEP-2010 03:00:28	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	44518	No
32	GOM_TRA_1PNPDE20100905_030619_000000452092_00376_44518_1086.N1	05-SEP-2010 03:06:19	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	44518	No
33	GOM_TRA_1PNPDE20100905_031530_000000402092_00376_44518_1087.N1	05-SEP-2010 03:15:30	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44518	No
34	GOM_TRA_1PNPDE20100905_032059_000000442092_00376_44518_1088.N1	05-SEP-2010 03:20:59	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	44518	No
35	GOM_TRA_1PNPDE20100905_032512_000000432092_00376_44518_1089.N1	05-SEP-2010 03:25:12	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44518	No
36	GOM_TRA_1PNPDE20100905_033544_000000402092_00376_44518_1095.N1	05-SEP-2010 03:35:44	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	44518	No
37	GOM_TRA_1PNPDE20100905_033748_000000482092_00376_44518_1096.N1	05-SEP-2010 03:37:48	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44518	No
38	GOM_TRA_1PNPDE20100905_035654_000000512092_00376_44518_1097.N1	05-SEP-2010 03:56:54	Bright	50.500	107	37The Aur	2.6490	11000.	101	44518	No
39	GOM_TRA_1PNPDE20100905_035920_000000362092_00376_44518_1098.N1	05-SEP-2010 03:59:20	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	44518	No
40	GOM_TRA_1PNPDE20100905_040221_000000632092_00376_44518_1099.N1	05-SEP-2010 04:02:21	Twilight	62.500	151	13Mu Gem	2.8900	3000.0	125	44518	No
41	GOM_TRA_1PNPDE20100905_040410_000000542092_00376_44518_1100.N1	05-SEP-2010 04:04:10	Twilight	54.000	44	24Gam Gem	1.9280	11000.	108	44518	No
42	GOM_TRA_1PNPDE20100905_040608_000000562092_00376_44518_1101.N1	05-SEP-2010 04:06:08	Twilight	56.000	8	10Alp CMi	0.40000	6500.0	112	44518	No
43	GOM_TRA_1PNPDE20100905_041406_000000572092_00376_44518_1102.N1	05-SEP-2010 04:14:06	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	44518	No
44	GOM_TRA_1PNPDE20100905_041645_000000462092_00376_44518_1103.N1	05-SEP-2010 04:16:45	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44518	No
45	GOM_TRA_1PNPDE20100905_041848_000000582092_00376_44518_1104.N1	05-SEP-2010 04:18:48	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44518	No
46	GOM_TRA_1PNPDE20100905_043348_000000422092_00377_44519_1105.N1	05-SEP-2010 04:33:48	Dark	42.000	143	Alp Hyi	2.8570	7200.0	84	44519	No
47	GOM_TRA_1PNPDE20100905_043508_000000442092_00377_44519_1106.N1	05-SEP-2010 04:35:08	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44519	No
48	GOM_TRA_1PNPDE20100905_044104_000000522092_00377_44519_1107.N1	05-SEP-2010 04:41:04	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	44519	No
49	GOM_TRA_1PNPDE20100905_044655_000000472092_00377_44519_1108.N1	05-SEP-2010 04:46:55	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44519	No
50	GOM_TRA_1PNPDE20100905_045606_000000392092_00377_44519_1109.N1	05-SEP-2010 04:56:06	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44519	No
51	GOM_TRA_1PNPDE20100905_050134_000000452092_00377_44519_1110.N1	05-SEP-2010 05:01:34	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44519	No
52	GOM_TRA_1PNPDE20100905_050547_000000442092_00377_44519_1111.N1	05-SEP-2010 05:05:47	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44519	No
53	GOM_TRA_1PNPDE20100905_051620_000000432092_00377_44519_1112.N1	05-SEP-2010 05:16:20	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44519	No
54	GOM_TRA_1PNPDE20100905_051823_000000462092_00377_44519_1113.N1	05-SEP-2010 05:18:23	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44519	No
55	GOM_TRA_1PNPDE20100905_053730_000000512092_00377_44519_1130.N1	05-SEP-2010 05:37:30	Bright	50.500	107	37The Aur	2.6490	11000.	101	44519	No
56	GOM_TRA_1PNPDE20100905_053955_000000402092_00377_44519_1131.N1	05-SEP-2010 05:39:55	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	44519	No
57	GOM_TRA_1PNPDE20100905_054257_000000662092_00377_44519_1132.N1	05-SEP-2010 05:42:57	Twilight	66.000	151	13Mu Gem	2.8900	3000.0	132	44519	No
58	GOM_TRA_1PNPDE20100905_054447_000000562092_00377_44519_1133.N1	05-SEP-2010 05:44:47	Twilight	56.000	44	24Gam Gem	1.9280	11000.	112	44519	No
59	GOM_TRA_1PNPDE20100905_054644_000000452092_00377_44519_1134.N1	05-SEP-2010 05:46:44	Twilight	44.500	8	10Alp CMi	0.40000	6500.0	89	44519	No
60	GOM_TRA_1PNPDE20100905_055443_000000502092_00377_44519_1135.N1	05-SEP-2010 05:54:43	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44519	No
61	GOM_TRA_1PNPDE20100905_055722_000000452092_00377_44519_1136.N1	05-SEP-2010 05:57:22	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	44519	No
62	GOM_TRA_1PNPDE20100905_055926_000000582092_00377_44519_1137.N1	05-SEP-2010 05:59:26	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44519	No
63	GOM_TRA_1PNPDE20100905_061425_000000402092_00378_44520_1138.N1	05-SEP-2010 06:14:25	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	44520	No
64	GOM_TRA_1PNPDE20100905_061545_000000522092_00378_44520_1139.N1	05-SEP-2010 06:15:45	Dark	52.000	9	Alp Eri	0.45300	24000.	104	44520	No
65	GOM_TRA_1PNPDE20100905_062141_000000542092_00378_44520_1140.N1	05-SEP-2010 06:21:41	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44520	No
66	GOM_TRA_1PNPDE20100905_062731_000000492092_00378_44520_1141.N1	05-SEP-2010 06:27:31	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	44520	No
67	GOM_TRA_1PNPDE20100905_063642_000000402092_00378_44520_1142.N1	05-SEP-2010 06:36:42	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	44520	No
68	GOM_TRA_1PNPDE20100905_064210_000000462092_00378_44520_1143.N1	05-SEP-2010 06:42:10	Bright	46.000	90	54Alp Peg	2.4870	11000.	92	44520	No
69	GOM_TRA_1PNPDE20100905_064623_000000412092_00378_44520_1144.N1	05-SEP-2010 06:46:23	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	44520	No

70	GOM_TRA_1PNPDE20100905_065655_000000442092_00378_44520_1145.N1	05-SEP-2010 06:56:55	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44520	No
71	GOM_TRA_1PNPDE20100905_065859_000000452092_00378_44520_1146.N1	05-SEP-2010 06:58:59	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44520	No
72	GOM_TRA_1PNPDE20100905_194632_000000532092_00386_44528_1220.N1	05-SEP-2010 19:46:32	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	44528	No
73	GOM_TRA_1PNPDE20100905_195221_000000482092_00386_44528_1221.N1	05-SEP-2010 19:52:21	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44528	No
74	GOM_TRA_1PNPDE20100905_200130_000000402092_00386_44528_1222.N1	05-SEP-2010 20:01:30	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	44528	No
75	GOM_TRA_1PNPDE20100905_200655_000000452092_00386_44528_1223.N1	05-SEP-2010 20:06:55	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44528	No
76	GOM_TRA_1PNPDE20100905_201108_000000402092_00386_44528_1224.N1	05-SEP-2010 20:11:08	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	44528	No
77	GOM_TRA_1PNPDE20100905_202138_000000452092_00386_44528_1225.N1	05-SEP-2010 20:21:38	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44528	No
78	GOM_TRA_1PNPDE20100905_202341_000000462092_00386_44528_1226.N1	05-SEP-2010 20:23:41	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44528	No
79	GOM_TRA_1PNPDE20100905_203953_000000492092_00386_44528_1227.N1	05-SEP-2010 20:39:53	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	44528	No
80	GOM_TRA_1PNPDE20100905_204253_000000332092_00386_44528_1228.N1	05-SEP-2010 20:42:53	Twilight	33.000	107	37The Aur	2.6490	11000.	66	44528	No
81	GOM_TRA_1PNPDE20100905_204415_000000402092_00386_44528_1229.N1	05-SEP-2010 20:44:15	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	44528	No
82	GOM_TRA_1PNPDE20100905_204824_000000672092_00386_44528_1230.N1	05-SEP-2010 20:48:24	Twilight	66.500	151	13Mu Gem	2.8900	3000.0	133	44528	No
83	GOM_TRA_1PNPDE20100905_205014_000000552092_00386_44528_1231.N1	05-SEP-2010 20:50:14	Twilight	55.000	44	24Gam Gem	1.9280	11000.	110	44528	No
84	GOM_TRA_1PNPDE20100905_205211_000000462092_00386_44528_1243.N1	05-SEP-2010 20:52:11	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	44528	Yes
85	GOM_TRA_1PNPDE20100905_210012_000000502092_00386_44528_1244.N1	05-SEP-2010 21:00:12	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44528	No
86	GOM_TRA_1PNPDE20100905_210251_000000442092_00386_44528_1245.N1	05-SEP-2010 21:02:51	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	44528	No
87	GOM_TRA_1PNPDE20100905_210502_000000272092_00386_44528_1246.N1	05-SEP-2010 21:05:02	Dark	27.000	101	11Alp Lep	2.5820	7000.0	54	44528	No
88	GOM_TRA_1PNPDE20100905_210603_000000572092_00386_44528_1247.N1	05-SEP-2010 21:06:03	Dark	56.500	139	9Bet Lep	2.8330	5600.0	113	44528	No
89	GOM_TRA_1PNPDE20100905_211953_000000412092_00387_44529_1248.N1	05-SEP-2010 21:19:53	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44529	No
90	GOM_TRA_1PNPDE20100905_212114_000000442092_00387_44529_1249.N1	05-SEP-2010 21:21:14	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44529	No
91	GOM_TRA_1PNPDE20100905_212709_000000452092_00387_44529_1250.N1	05-SEP-2010 21:27:09	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	44529	No
92	GOM_TRA_1PNPDE20100905_213257_000000452092_00387_44529_1251.N1	05-SEP-2010 21:32:57	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44529	No
93	GOM_TRA_1PNPDE20100905_214205_000000392092_00387_44529_1252.N1	05-SEP-2010 21:42:05	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	44529	No
94	GOM_TRA_1PNPDE20100905_214730_000000452092_00387_44529_1253.N1	05-SEP-2010 21:47:30	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44529	No
95	GOM_TRA_1PNPDE20100905_215143_000000392092_00387_44529_1254.N1	05-SEP-2010 21:51:43	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	44529	No
96	GOM_TRA_1PNPDE20100905_220213_000000442092_00387_44529_1255.N1	05-SEP-2010 22:02:13	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44529	No
97	GOM_TRA_1PNPDE20100905_220416_000000452092_00387_44529_1256.N1	05-SEP-2010 22:04:16	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44529	No
98	GOM_TRA_1PNPDE20100905_222029_000000512092_00387_44529_1257.N1	05-SEP-2010 22:20:29	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	44529	No
99	GOM_TRA_1PNPDE20100905_222329_000000332092_00387_44529_1258.N1	05-SEP-2010 22:23:29	Twilight	33.000	107	37The Aur	2.6490	11000.	66	44529	No
100	GOM_TRA_1PNPDE20100905_222451_000000402092_00387_44529_1259.N1	05-SEP-2010 22:24:51	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	44529	No
101	GOM_TRA_1PNPDE20100905_222900_000000672092_00387_44529_1260.N1	05-SEP-2010 22:29:00	Twilight	67.000	151	13Mu Gem	2.8900	3000.0	134	44529	No
102	GOM_TRA_1PNPDE20100905_223051_000000532092_00387_44529_1261.N1	05-SEP-2010 22:30:51	Twilight	53.000	44	24Gam Gem	1.9280	11000.	106	44529	No
103	GOM_TRA_1PNPDE20100905_223247_000000472092_00387_44529_1262.N1	05-SEP-2010 22:32:47	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	44529	No
104	GOM_TRA_1PNPDE20100905_224049_000000482092_00387_44529_1269.N1	05-SEP-2010 22:40:49	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	44529	No
105	GOM_TRA_1PNPDE20100905_224327_000000452092_00387_44529_1270.N1	05-SEP-2010 22:43:27	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	44529	No
106	GOM_TRA_1PNPDE20100905_224539_000000272092_00387_44529_1271.N1	05-SEP-2010 22:45:39	Dark	27.000	101	11Alp Lep	2.5820	7000.0	54	44529	No
107	GOM_TRA_1PNPDE20100905_224640_000000592092_00387_44529_1272.N1	05-SEP-2010 22:46:40	Dark	58.500	139	9Bet Lep	2.8330	5600.0	117	44529	No
108	GOM_TRA_1PNPDE20100905_230030_000000392092_00388_44530_1273.N1	05-SEP-2010 23:00:30	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	44530	No
109	GOM_TRA_1PNPDE20100905_230150_000000432092_00388_44530_1274.N1	05-SEP-2010 23:01:50	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44530	No
110	GOM_TRA_1PNPDE20100905_230745_000000552092_00388_44530_1275.N1	05-SEP-2010 23:07:45	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44530	No
111	GOM_TRA_1PNPDE20100905_231333_000000452092_00388_44530_1276.N1	05-SEP-2010 23:13:33	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44530	No
112	GOM_TRA_1PNPDE20100905_232241_000000392092_00388_44530_1277.N1	05-SEP-2010 23:22:41	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	44530	No
113	GOM_TRA_1PNPDE20100905_232805_000000442092_00388_44530_1278.N1	05-SEP-2010 23:28:05	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44530	No
114	GOM_TRA_1PNPDE20100905_233218_000000442092_00388_44530_1279.N1	05-SEP-2010 23:32:18	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44530	No
115	GOM_TRA_1PNPDE20100905_234248_000000452092_00388_44530_1280.N1	05-SEP-2010 23:42:48	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44530	No
116	GOM_TRA_1PNPDE20100905_234451_000000432092_00388_44530_1281.N1	05-SEP-2010 23:44:51	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44530	No

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





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

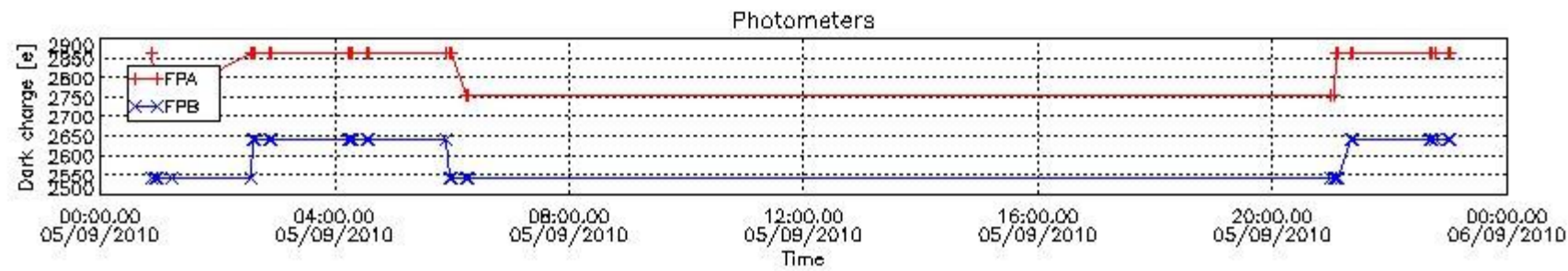
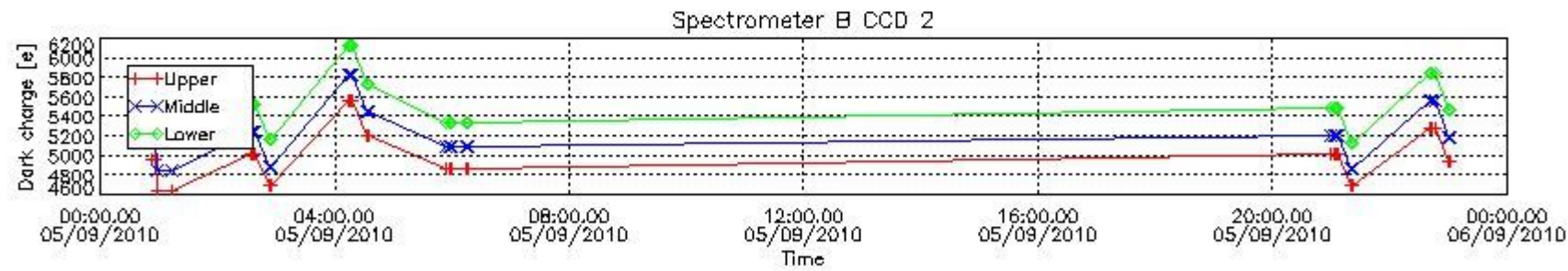
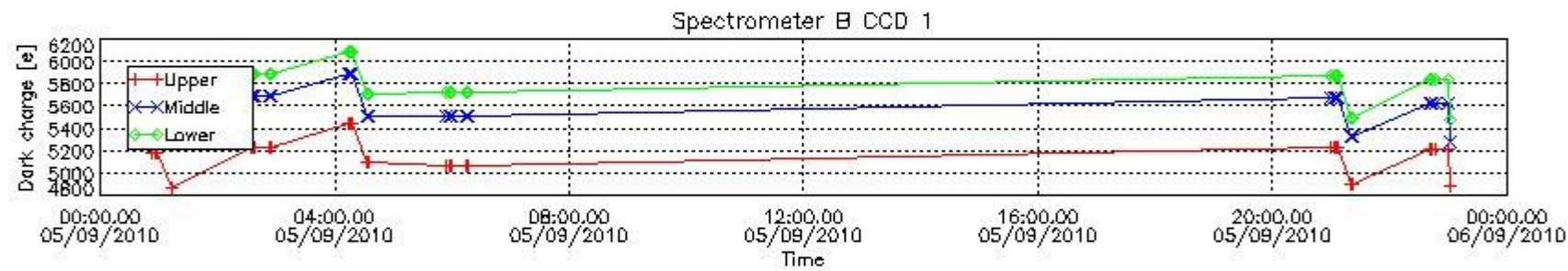
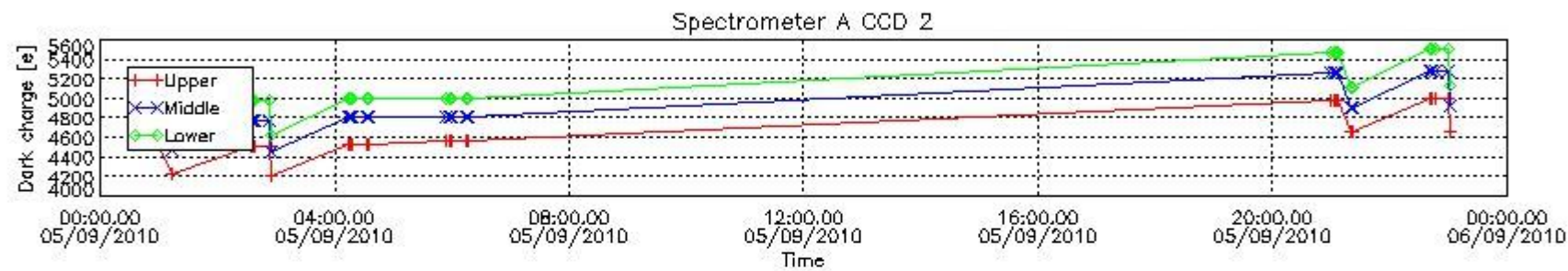
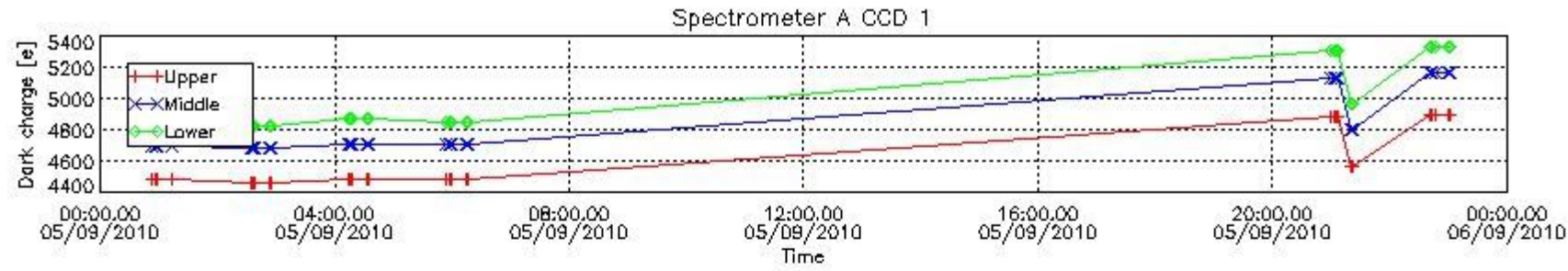
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20100905_194632_000000532092_00386_44528_1220.N1	DC map used
GOM_TRA_1PNPDE20100905_195221_000000482092_00386_44528_1221.N1	DC map used
GOM_TRA_1PNPDE20100905_200130_000000402092_00386_44528_1222.N1	DC map used
GOM_TRA_1PNPDE20100905_200655_000000452092_00386_44528_1223.N1	DC map used
GOM_TRA_1PNPDE20100905_201108_000000402092_00386_44528_1224.N1	DC map used
GOM_TRA_1PNPDE20100905_202138_000000452092_00386_44528_1225.N1	DC map used
GOM_TRA_1PNPDE20100905_202341_000000462092_00386_44528_1226.N1	DC map used
GOM_TRA_1PNPDE20100905_203953_000000492092_00386_44528_1227.N1	DC map used
GOM_TRA_1PNPDE20100905_204253_000000332092_00386_44528_1228.N1	DC map used
GOM_TRA_1PNPDE20100905_204415_000000402092_00386_44528_1229.N1	DC map used
GOM_TRA_1PNPDE20100905_204824_000000672092_00386_44528_1230.N1	DC map used
GOM_TRA_1PNPDE20100905_205014_000000552092_00386_44528_1231.N1	DC map used

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



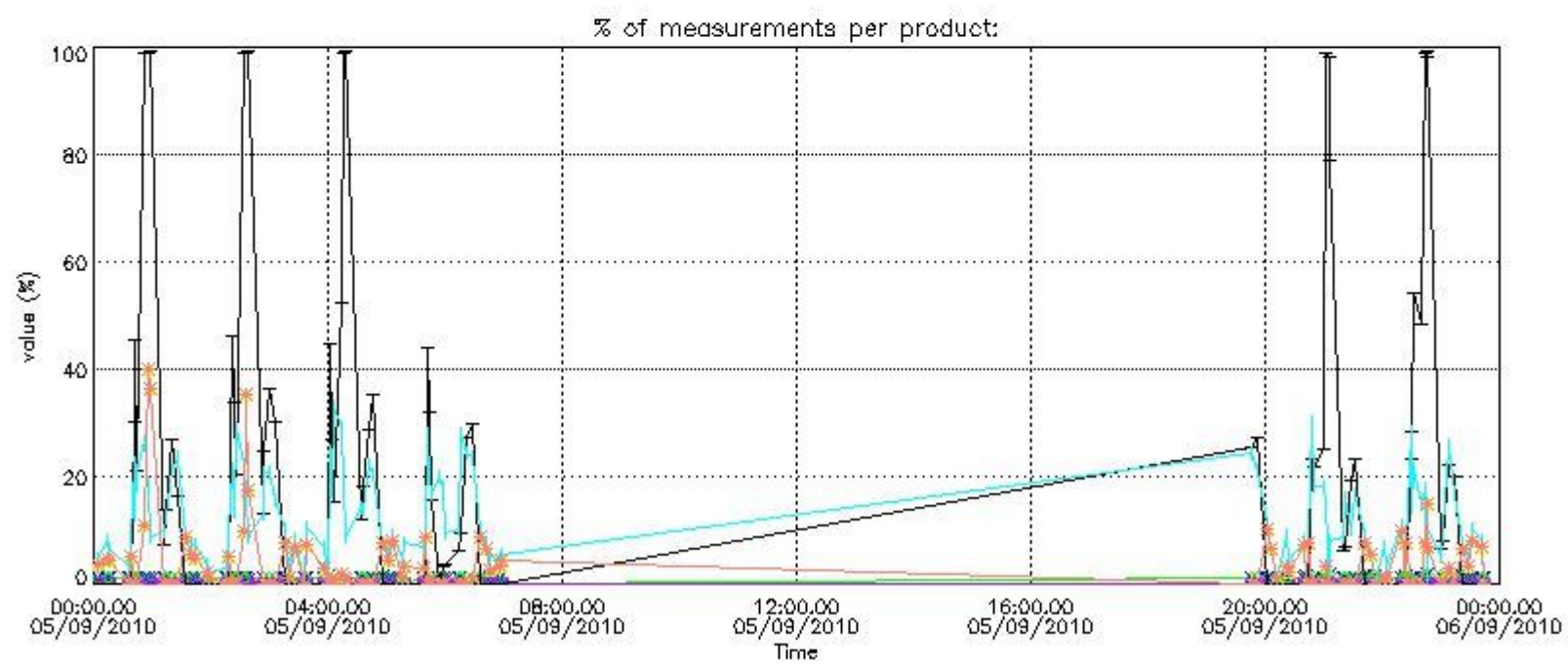
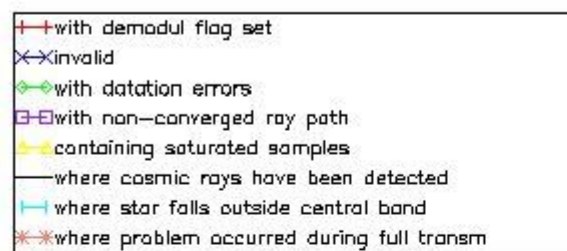
## 5. Demodulation flag and quality information monitoring

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:

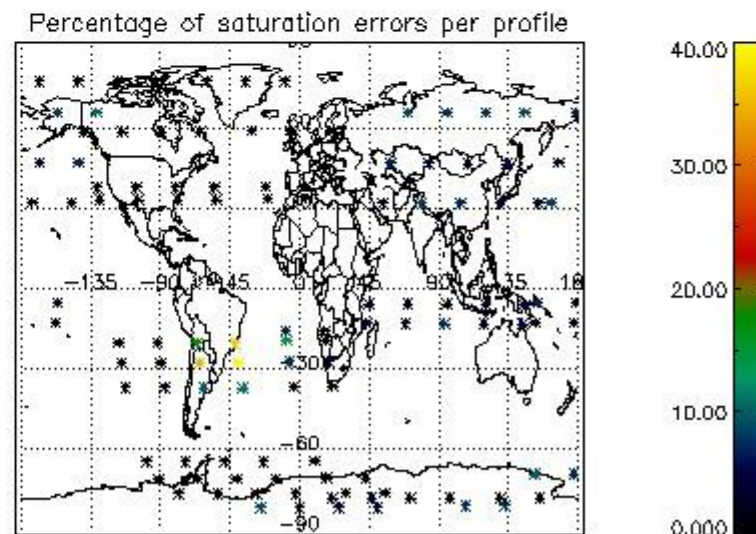
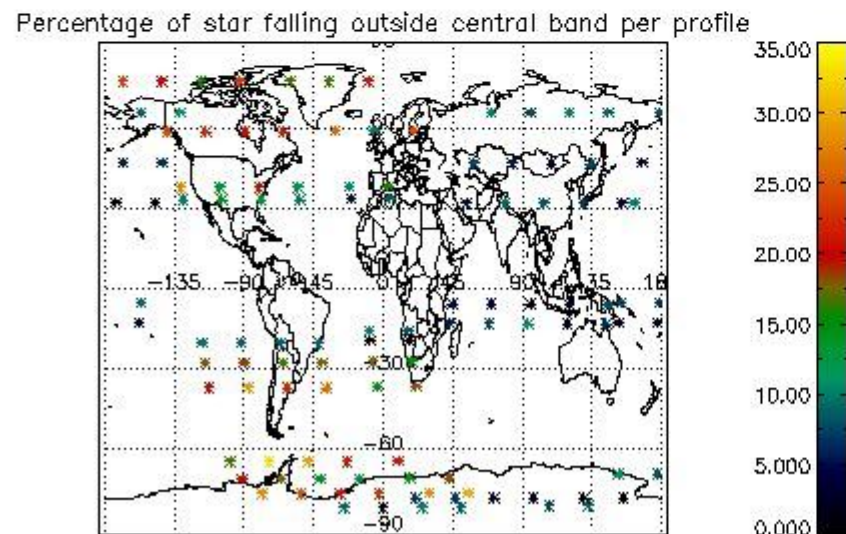
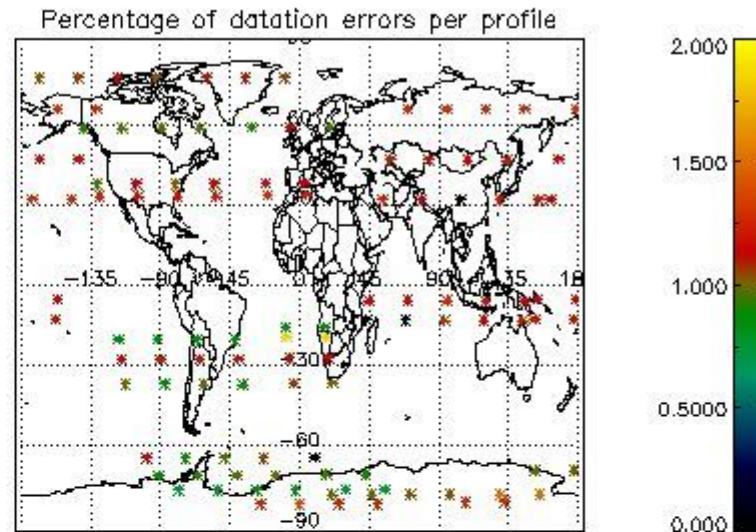
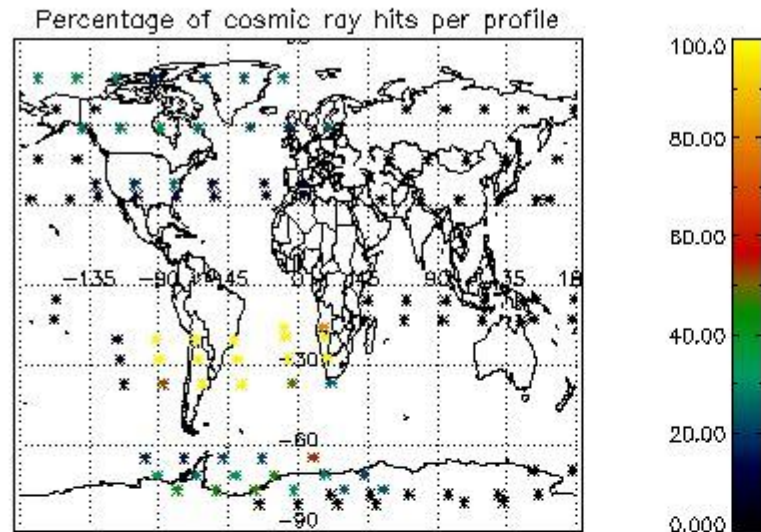
At least one measurement with demodulation flag set:	46.0870 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

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)

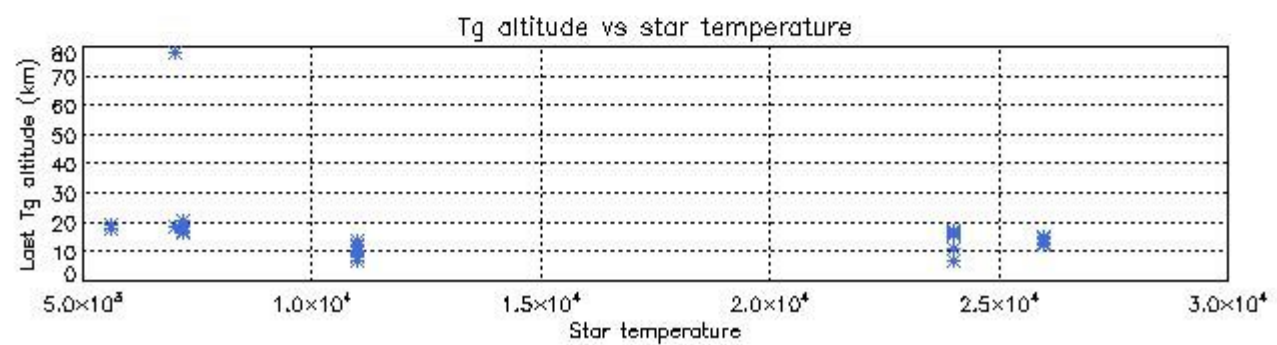
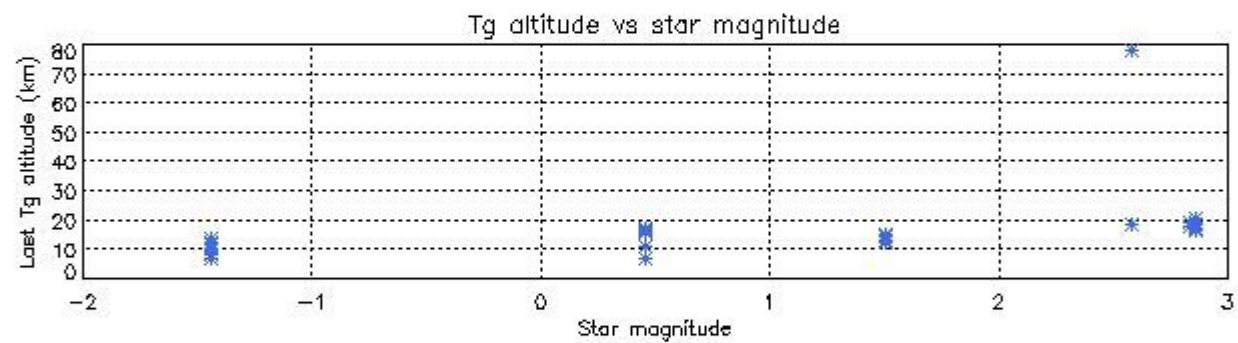
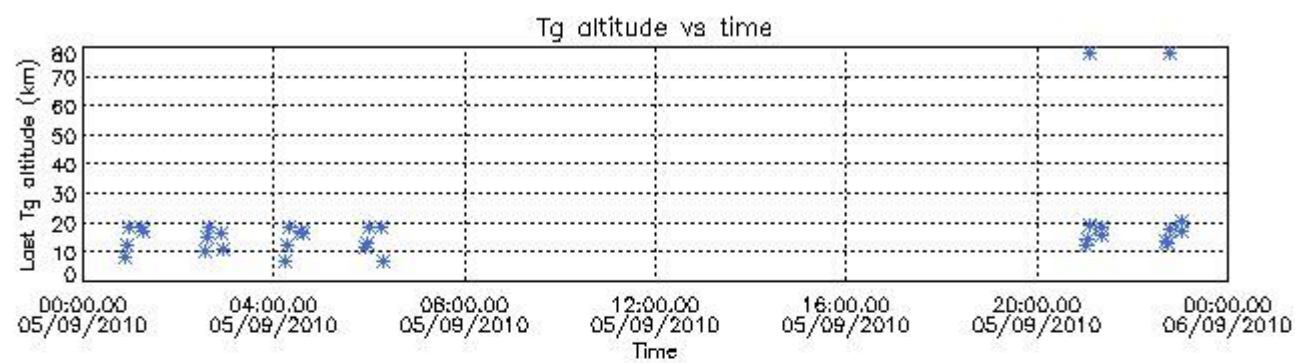
### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	18.901	20.632	9.0693
St. deviation:	15.917	2.6589	3.2852
Maximum:	77.969	29.459	12.622
Minimum:	6.9692	16.354	4.5223
Number of data:	32.000	50.000	5.0000

### 6.2 Plot for DARK limb products

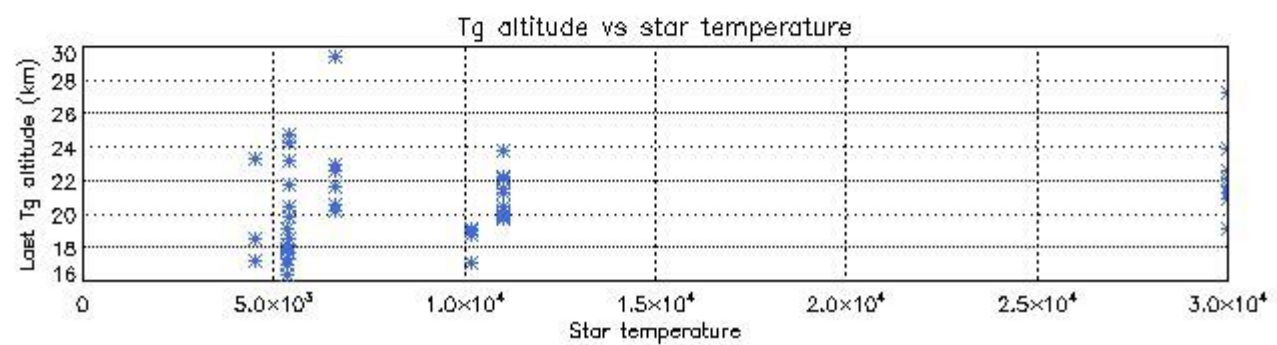
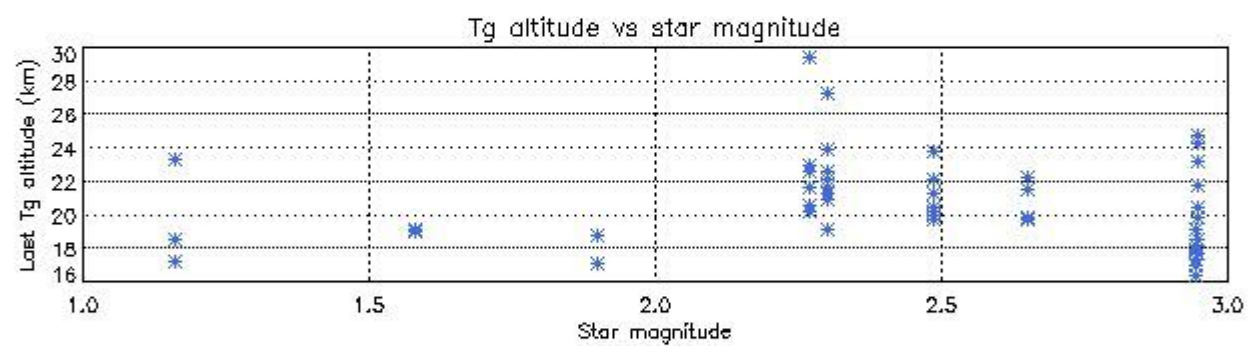
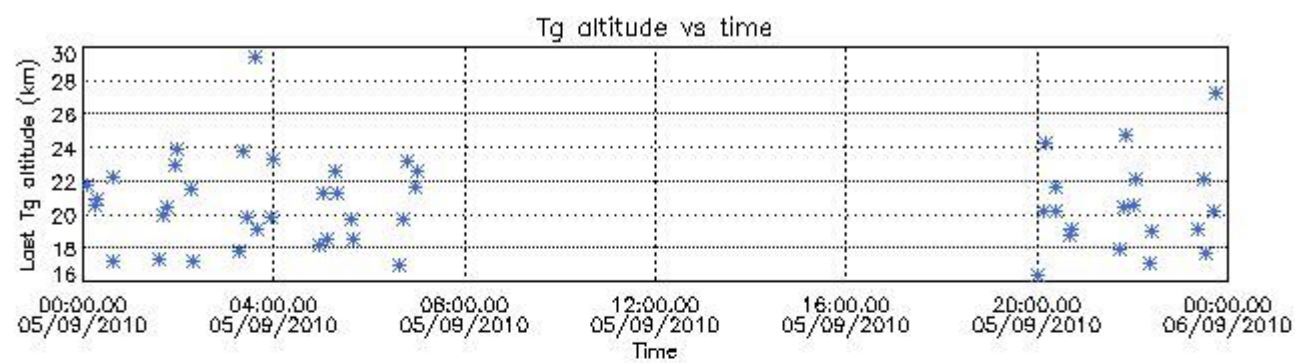


Tangent altitude at which the star is lost



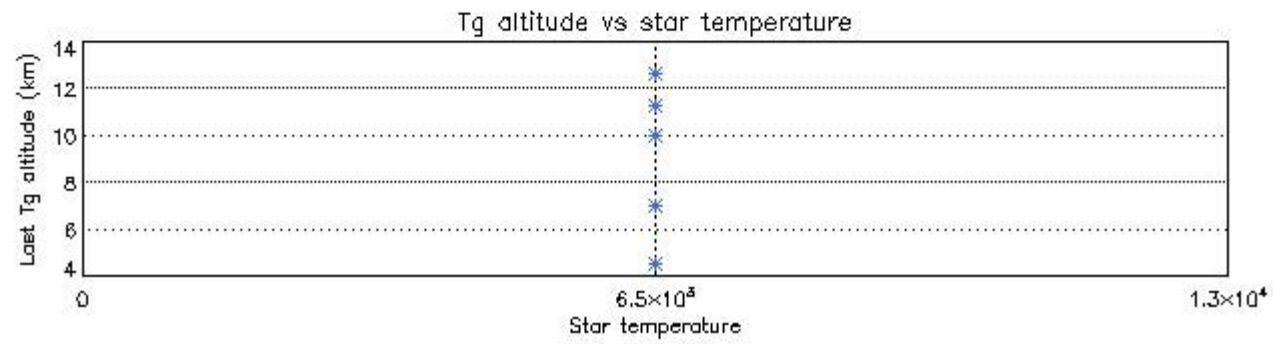
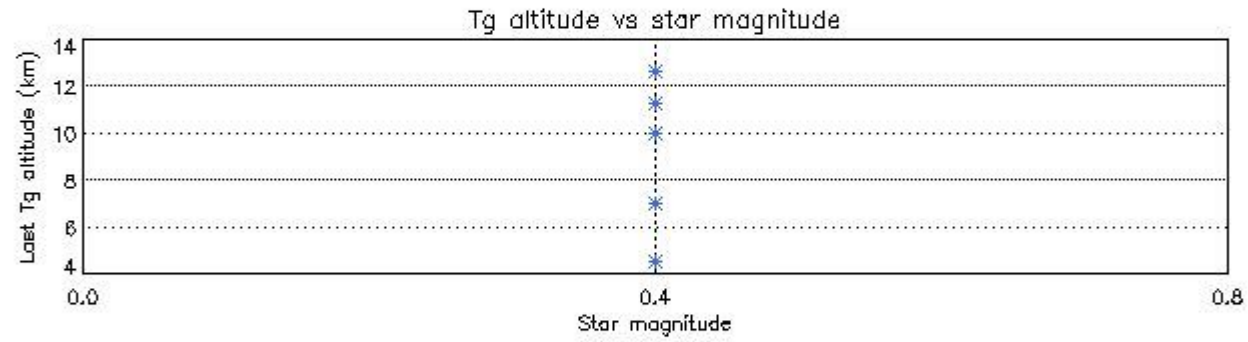
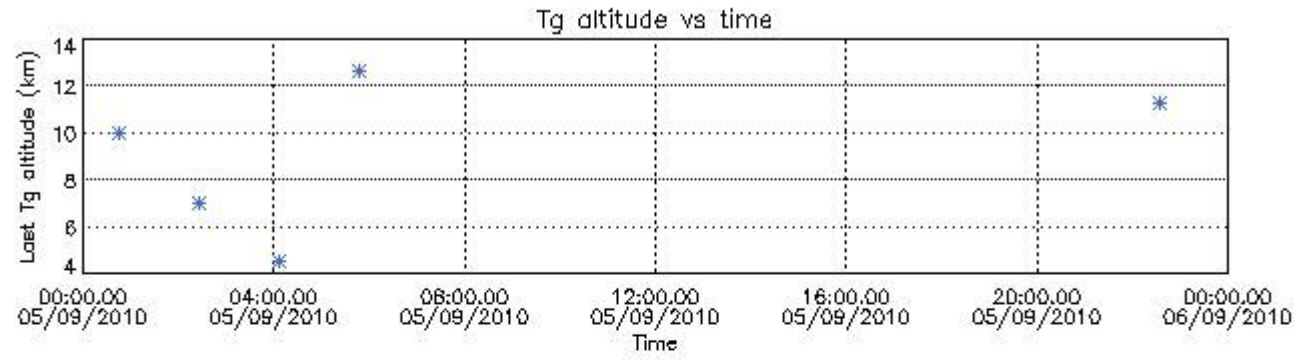
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



### 6.3 Plot for TWILIGHT limb products

## Tangent altitude at which the star is lost



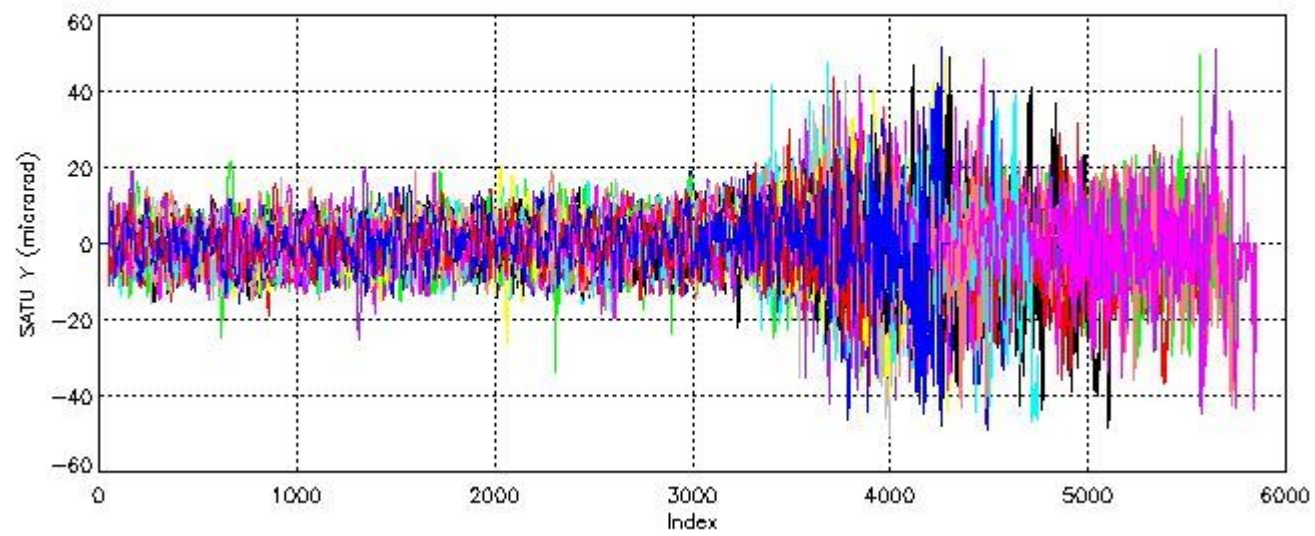
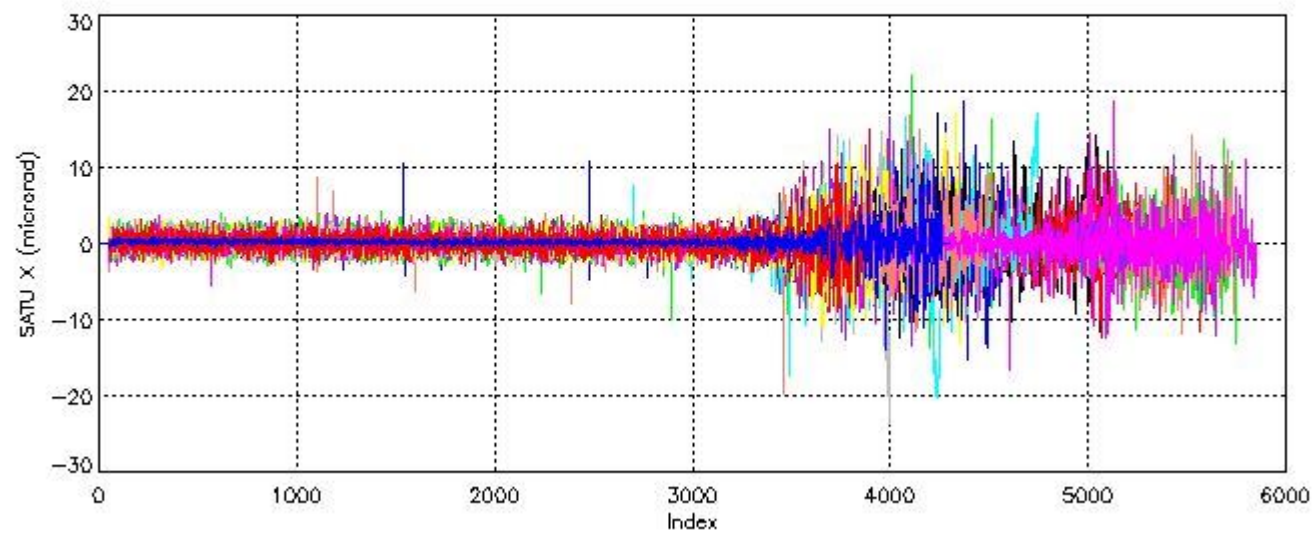
## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.22164	-0.68994	0.24494	-0.54013
St. deviation:	0.57809	4.6955	0.85370	4.6215
Maximum:	8.8000	21.600	4.7000	17.900
Minimum:	-5.5000	-25.300	-4.7000	-19.000

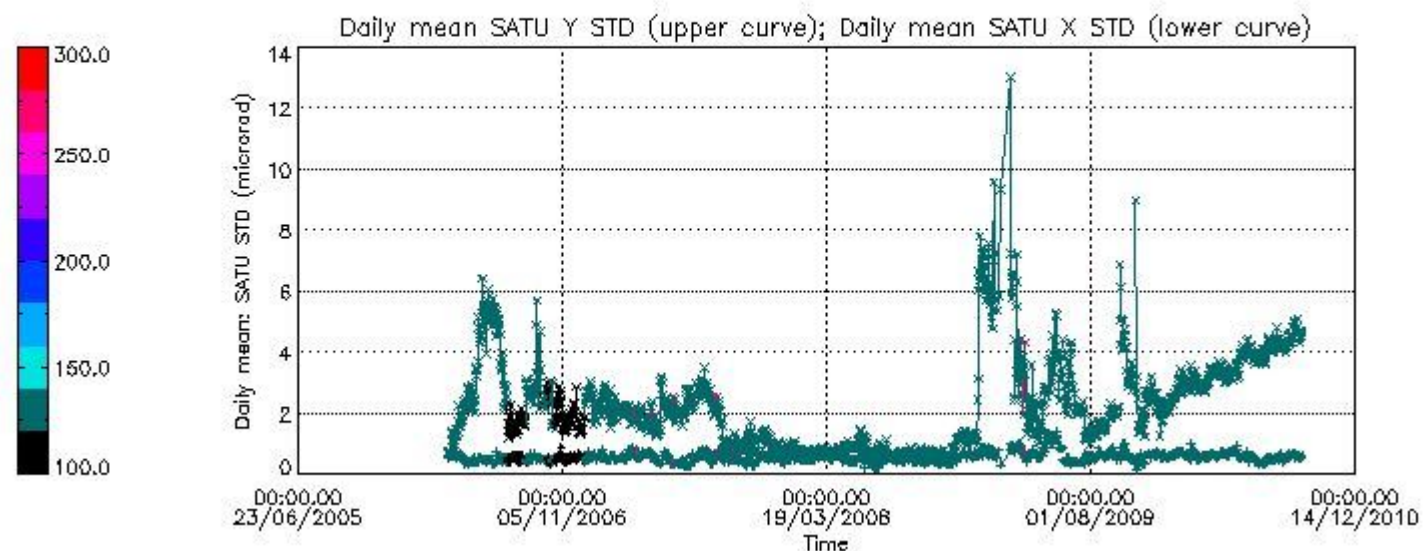
Number of data:	34150.	34150.	51850.	51850.
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### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

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

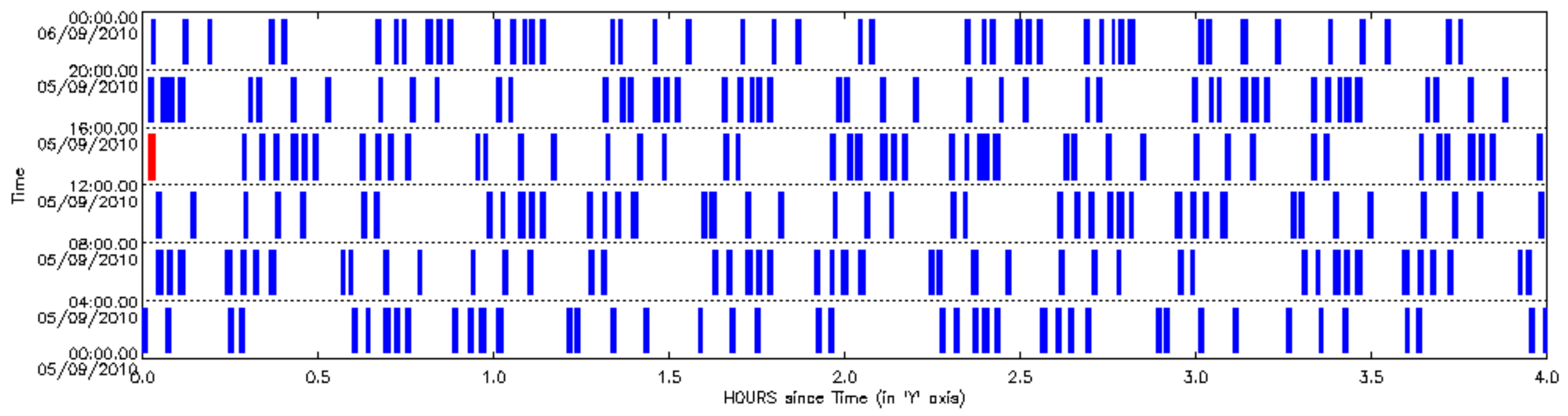
Upper curve: STD of SATU Y axis  
Lower curve: STD of SATU X axis



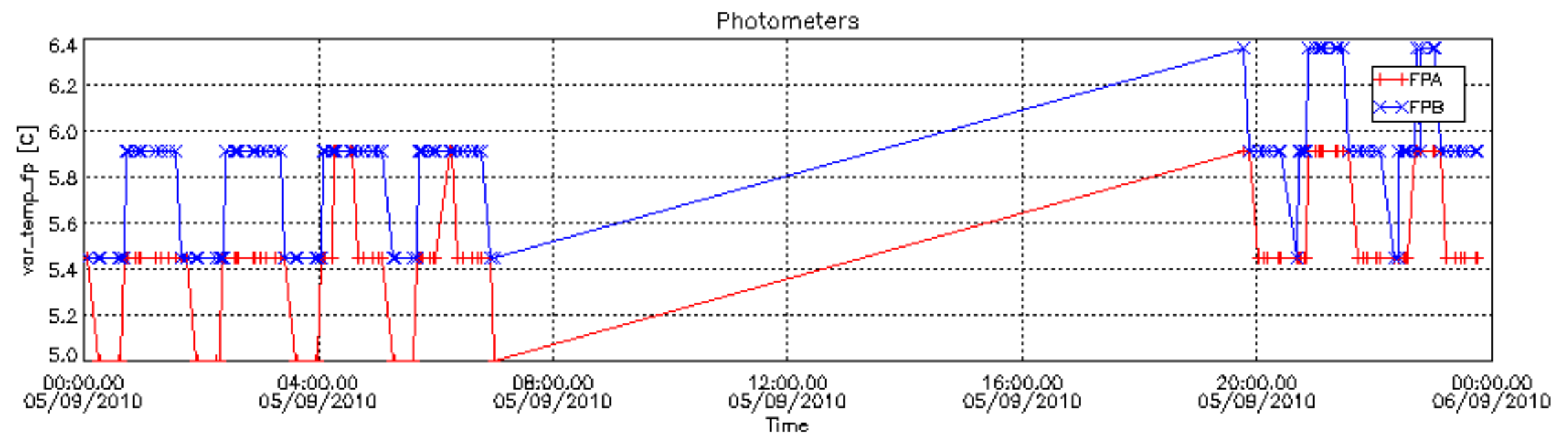
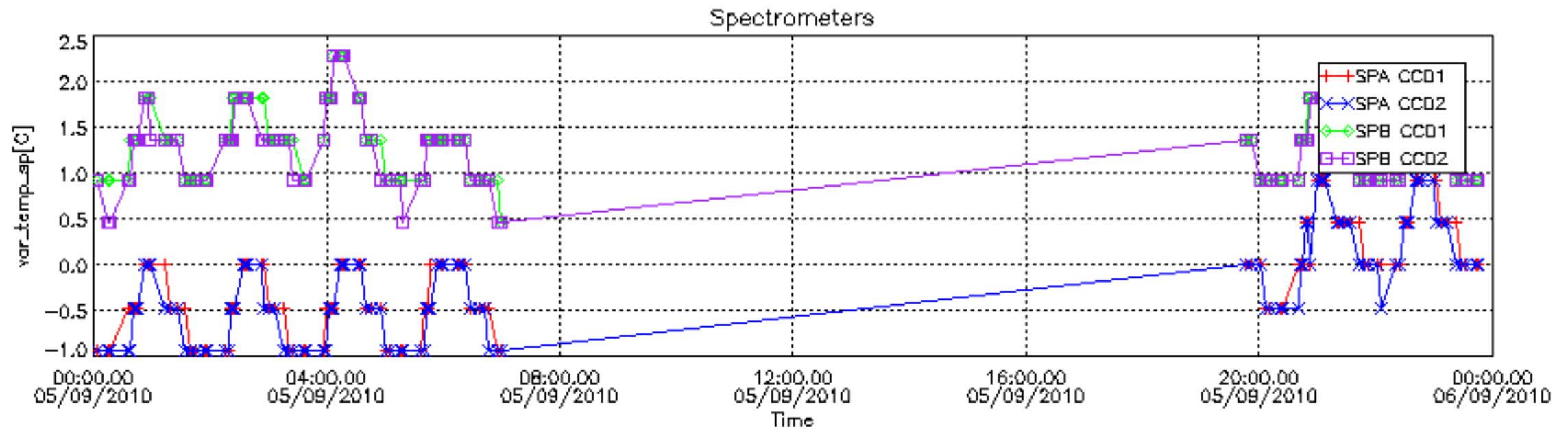
### 8. Auxiliary Data Files used for the production reported in section 2.4

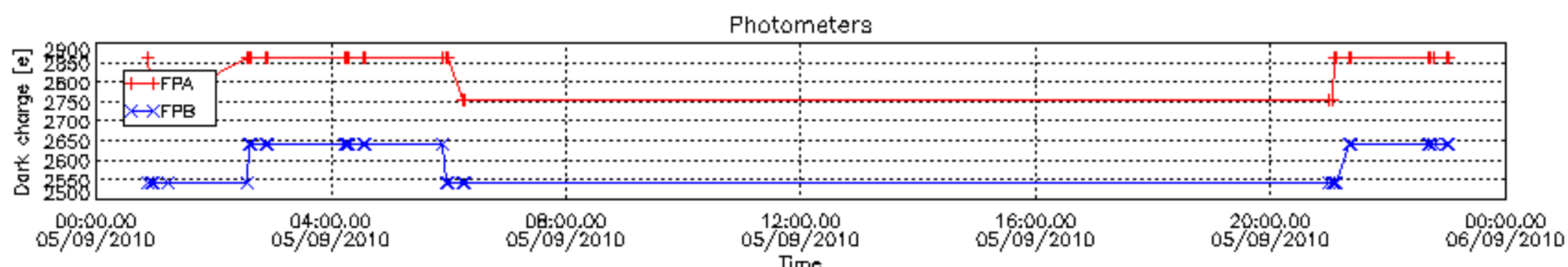
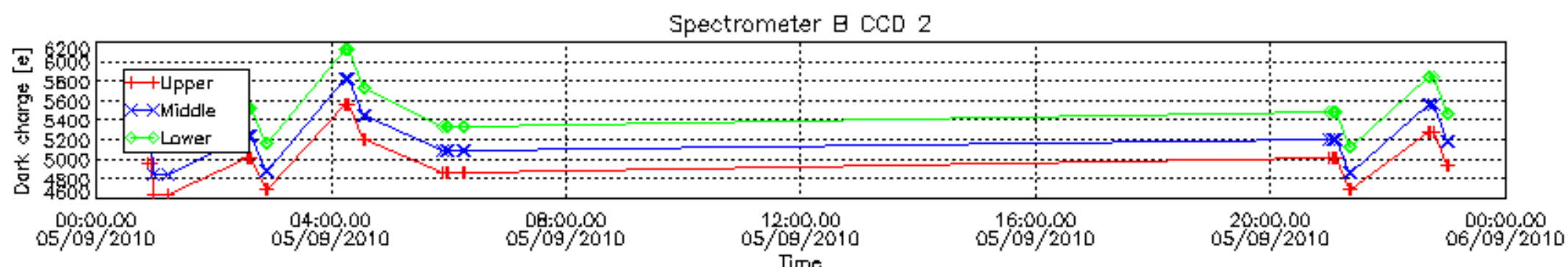
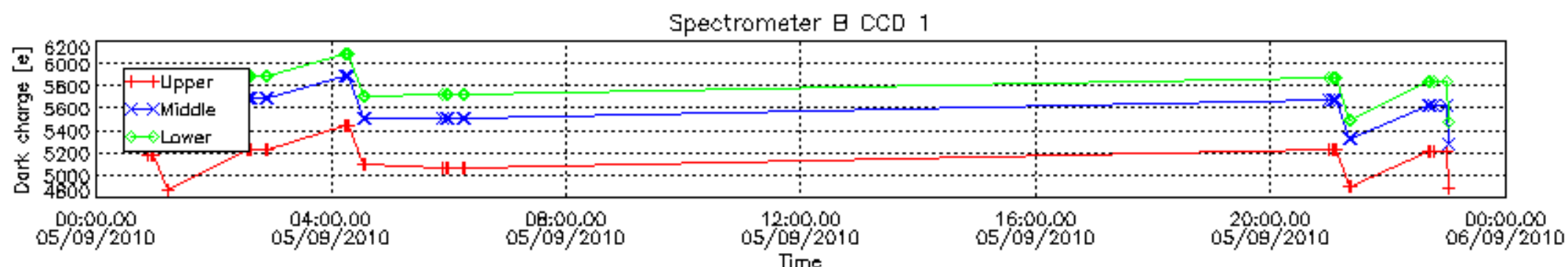
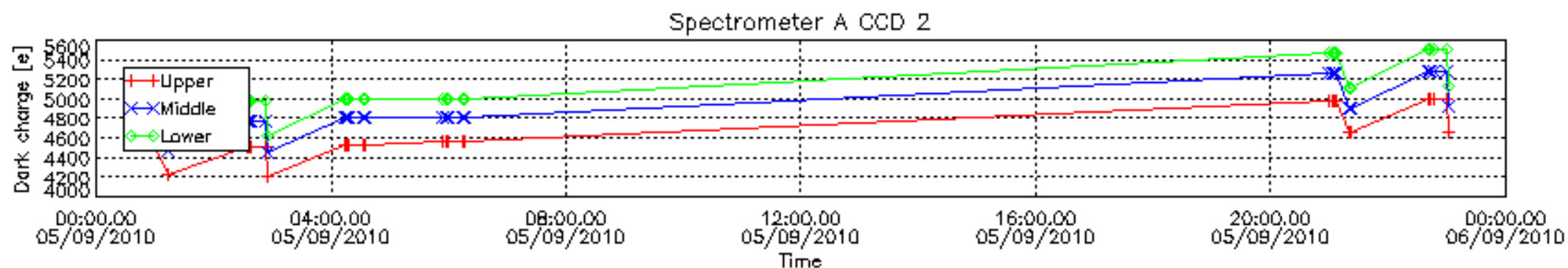
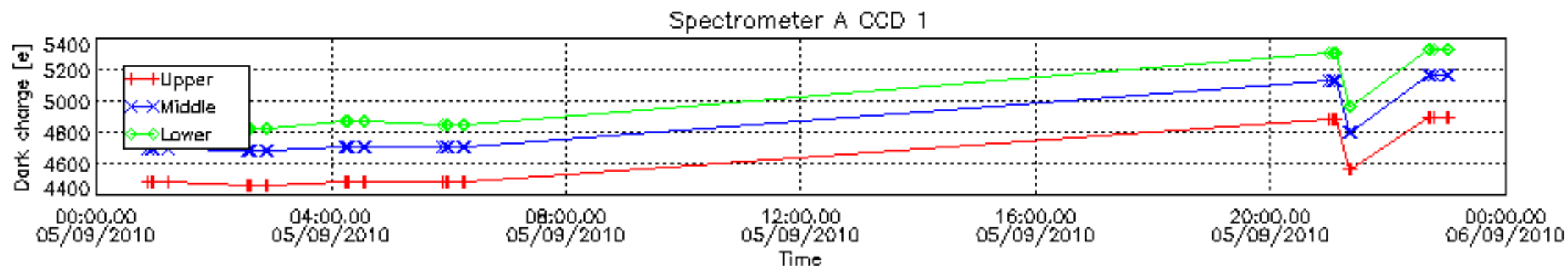
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

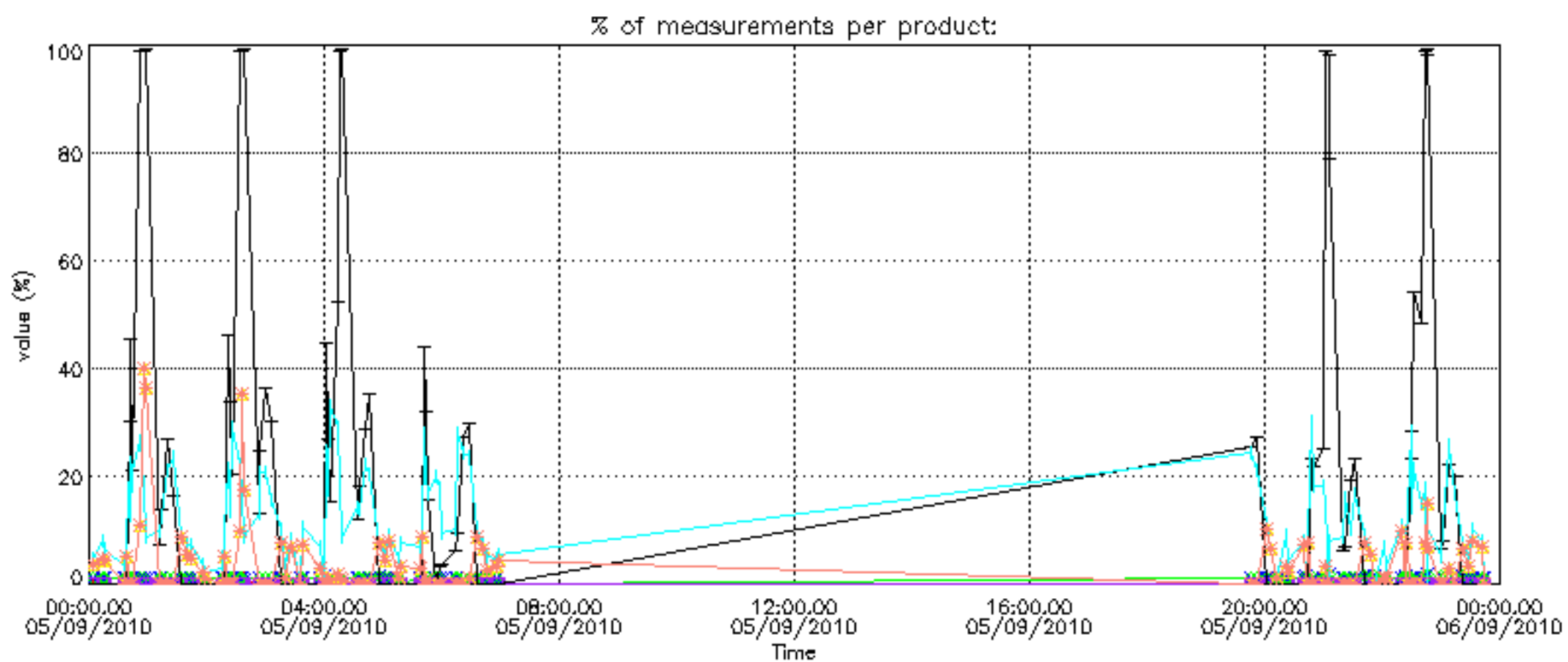
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-SEP-2010 00:04:01
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100824_082223_20100822_000000_20500101_000000	1	05-SEP-2010 00:04:01
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	05-SEP-2010 00:04:01
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	05-SEP-2010 00:04:01
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	05-SEP-2010 00:04:01
ECMWF_FILE	AUX_ECF_AXNECM20100904_054115_20100904_210000_20100905_090000	1	05-SEP-2010 00:04:01
ECMWF_FILE	AUX_ECF_AXNECM20100904_172117_20100905_030000_20100905_150000	36	05-SEP-2010 03:35:44
ECMWF_FILE	AUX_ECA_AXNECM20100905_052113_20100904_210000_20100905_090000	55	05-SEP-2010 05:37:30
ECMWF_FILE	AUX_ECA_AXNECM20100905_174114_20100905_090000_20100905_210000	72	05-SEP-2010 19:46:32
ECMWF_FILE	AUX_ECF_AXNECM20100905_054113_20100905_150000_20100906_030000	84	05-SEP-2010 20:52:11
ECMWF_FILE	AUX_ECF_AXNECM20100905_054114_20100905_210000_20100906_090000	104	05-SEP-2010 22:40:49
OPTIONAL_ECMWF_FILE	MISSING	1	05-SEP-2010 00:04:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100904_230716_000057382092_00373_44515_0997.N1	1	05-SEP-2010 00:04:01
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100905_004813_000092452092_00374_44516_0998.N1	9	05-SEP-2010 00:52:53
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100905_032737_000066952092_00376_44518_0999.N1	36	05-SEP-2010 03:35:44
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100905_052430_000057382092_00377_44519_1003.N1	55	05-SEP-2010 05:37:30
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100905_194514_000035072092_00386_44528_1004.N1	72	05-SEP-2010 19:46:32
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100905_092114_20100904_182055_20100914_212744	84	05-SEP-2010 20:52:11
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100905_223515_000057382092_00387_44529_1006.N1	104	05-SEP-2010 22:40:49





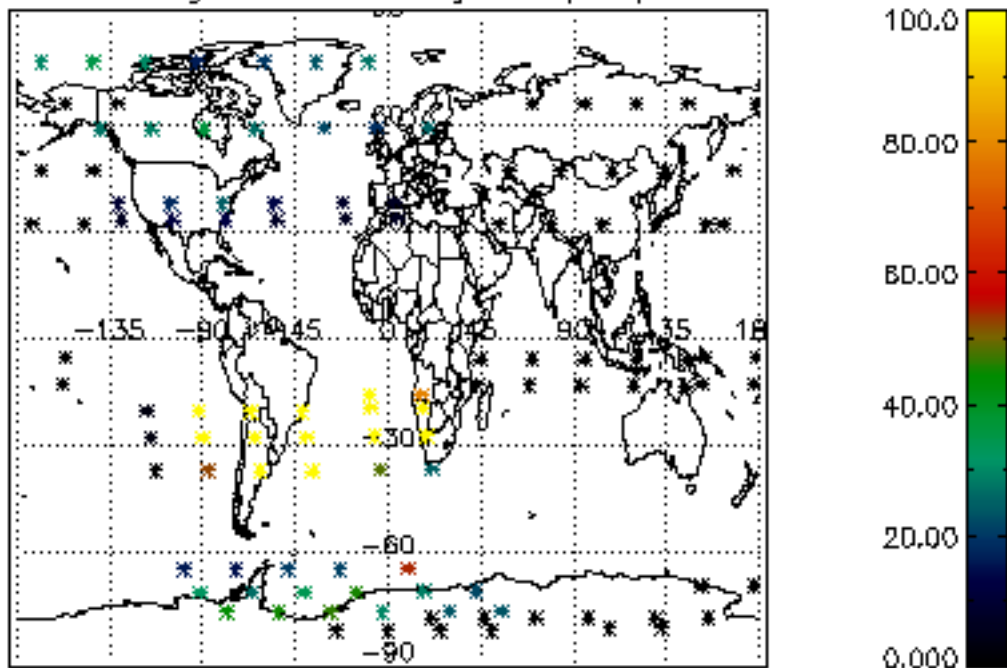




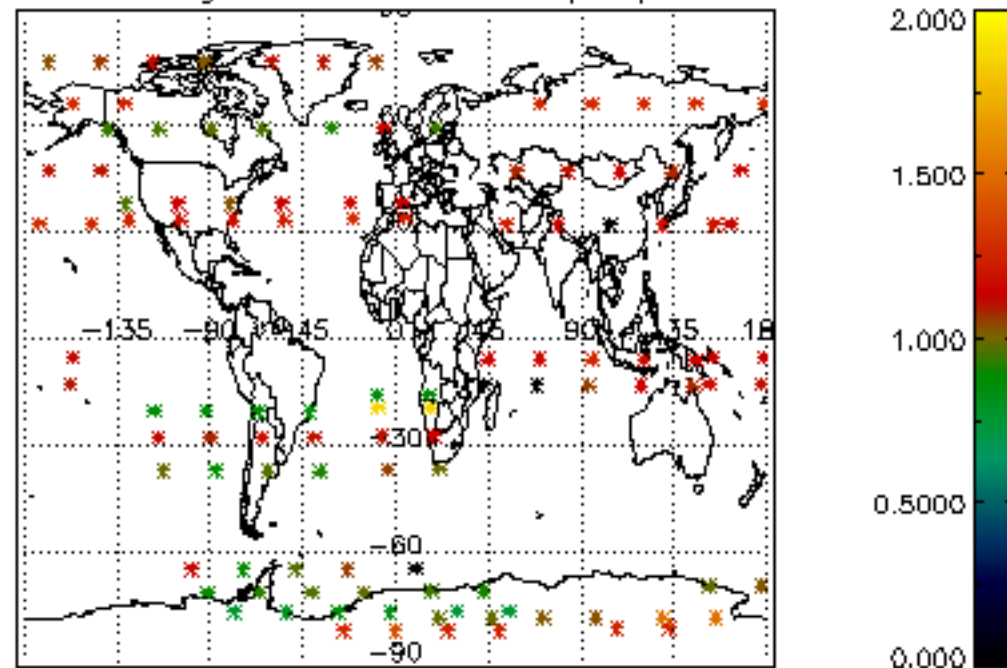




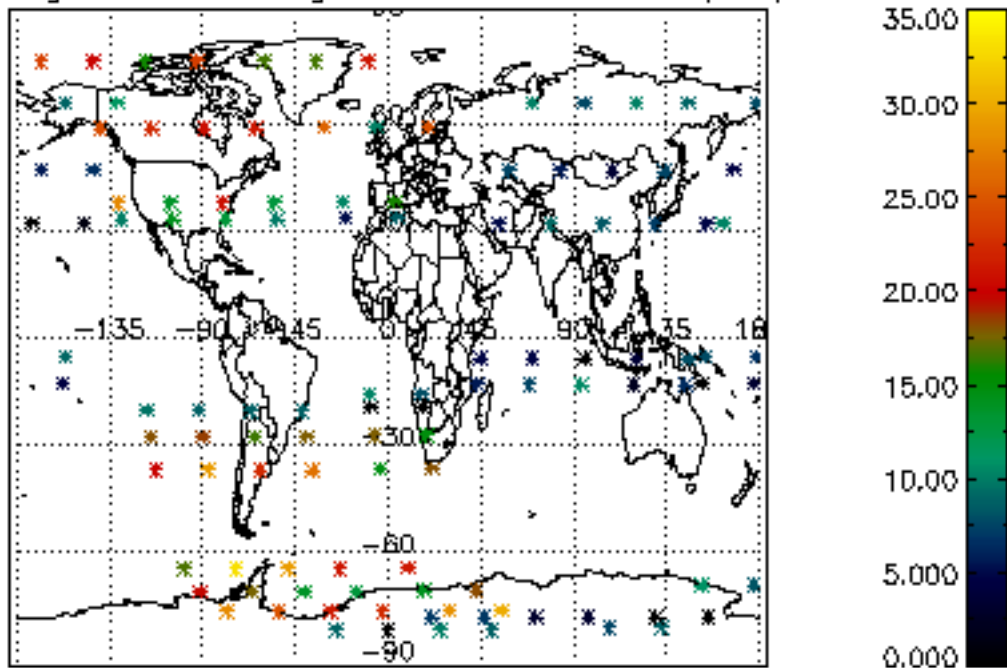
Percentage of cosmic ray hits per profile



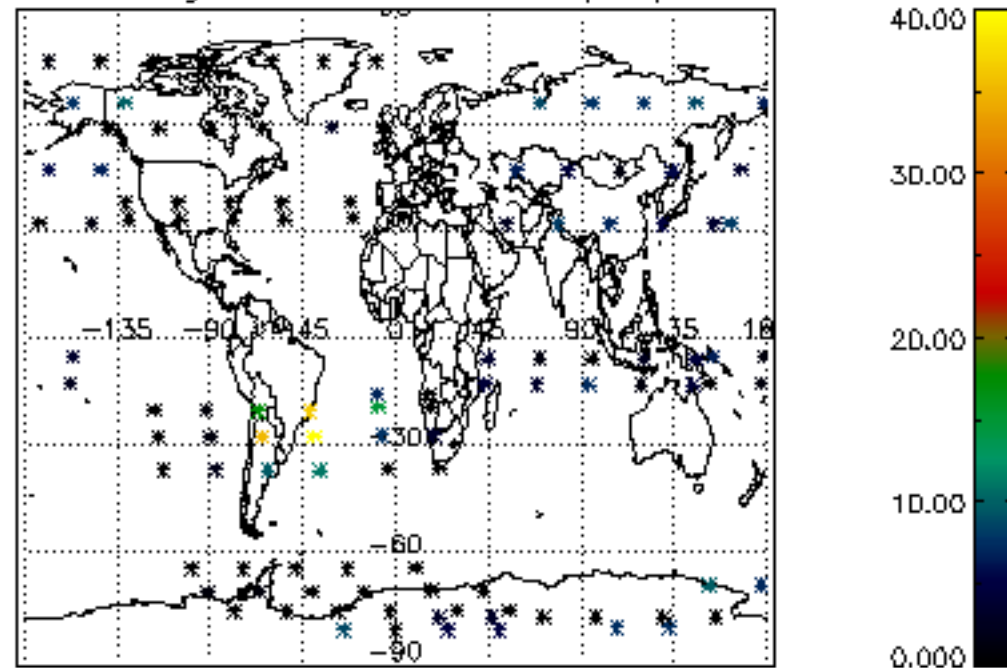
Percentage of datation errors per profile



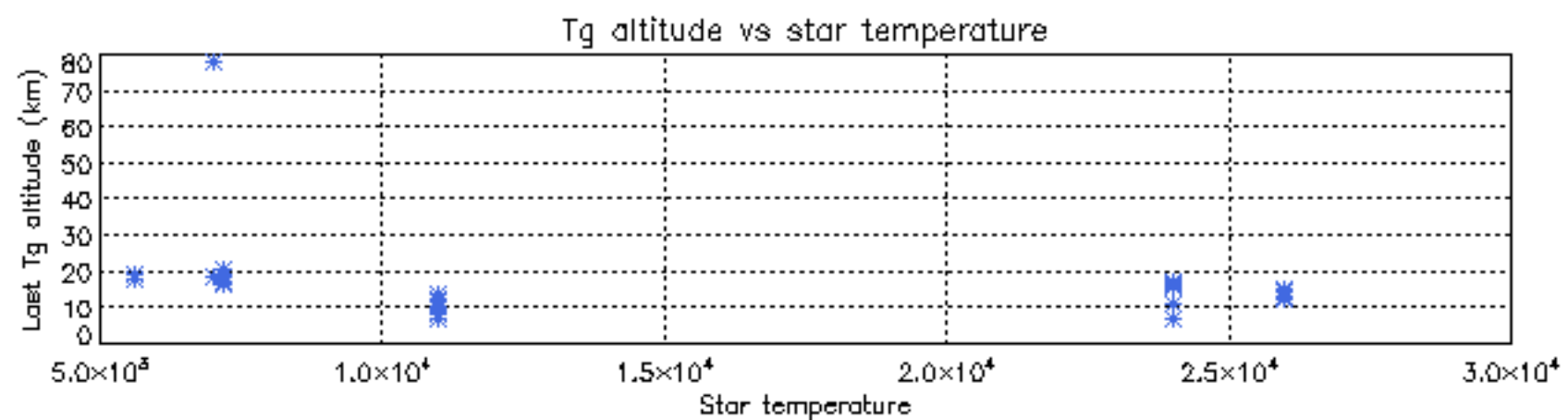
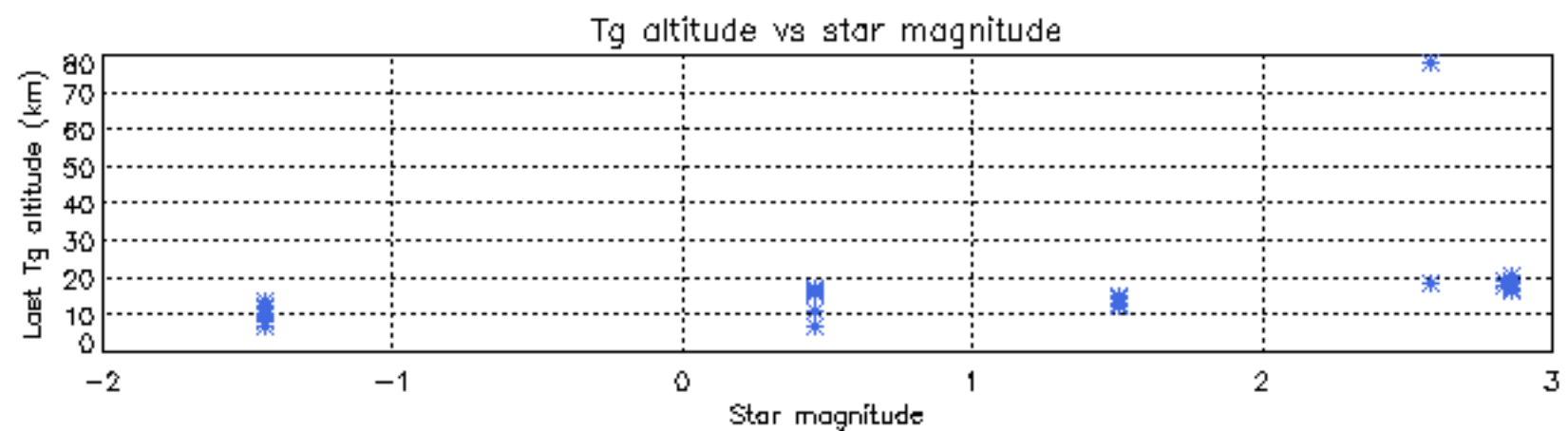
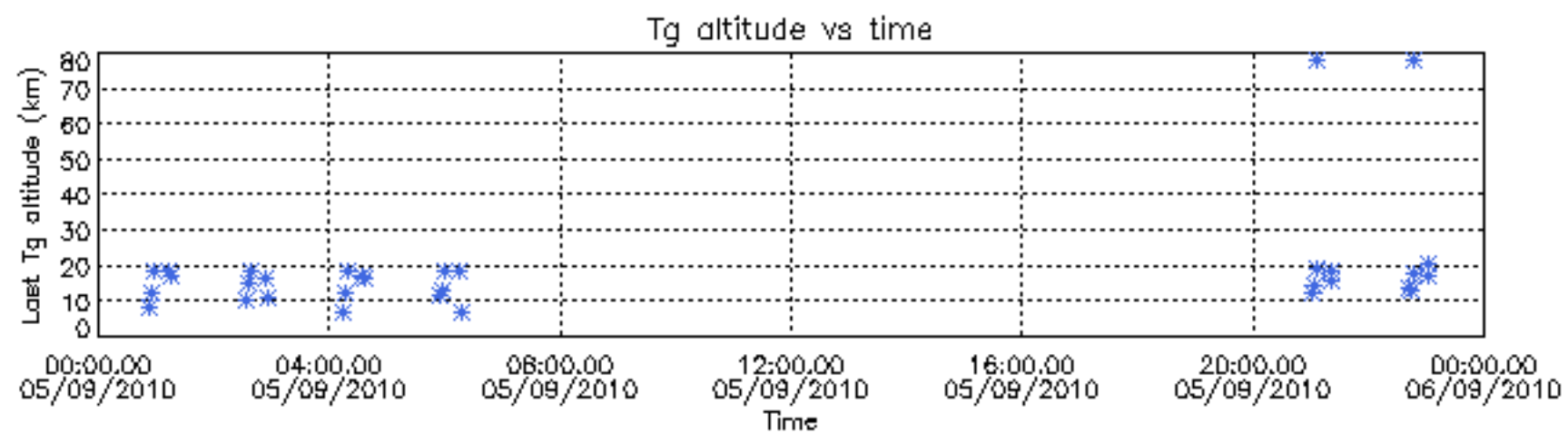
Percentage of star falling outside central band per profile



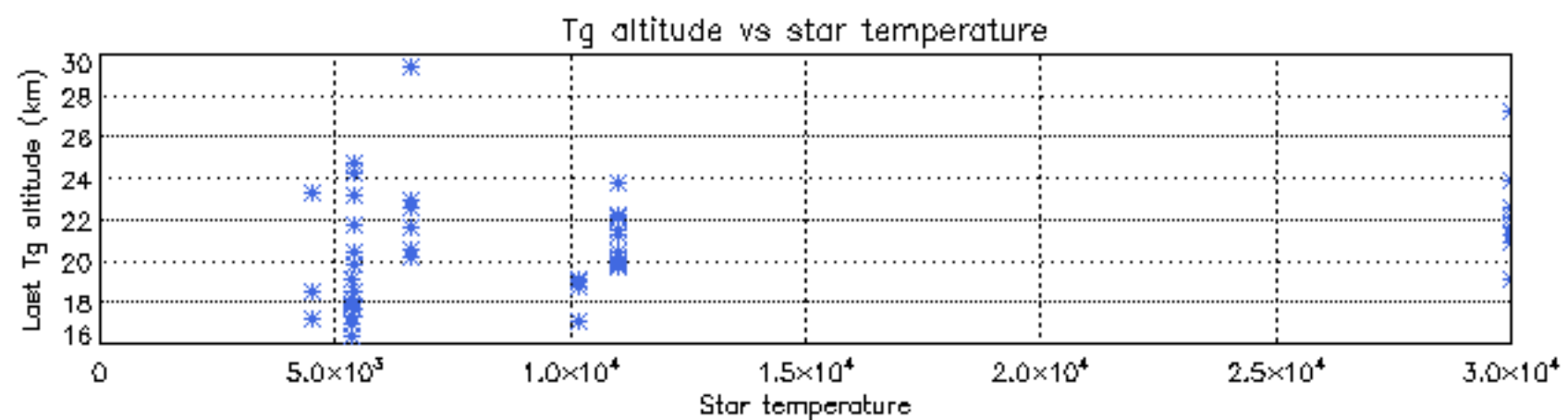
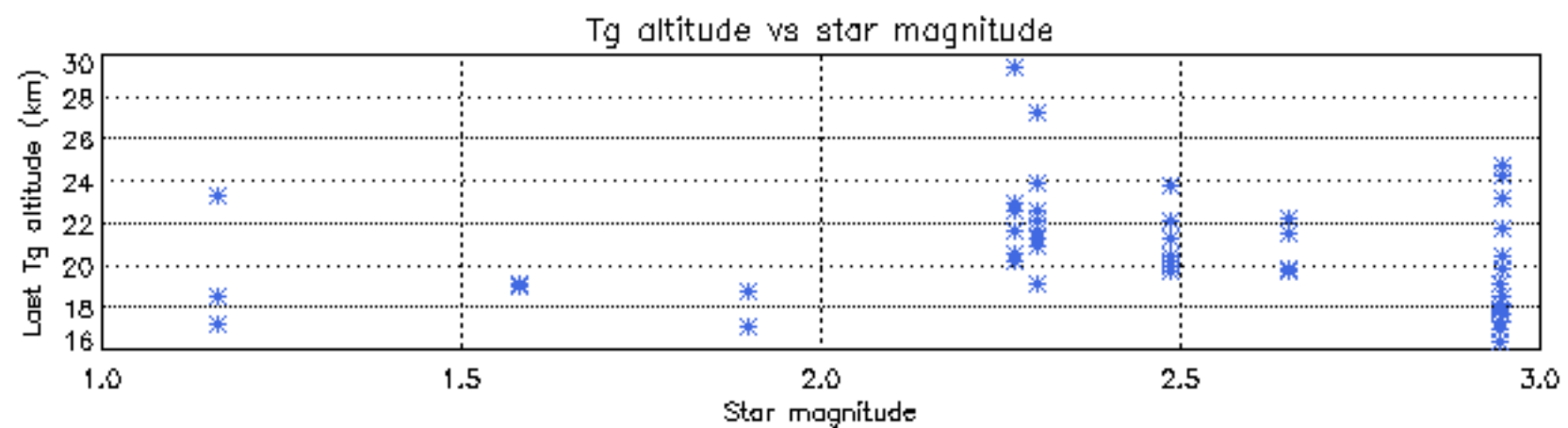
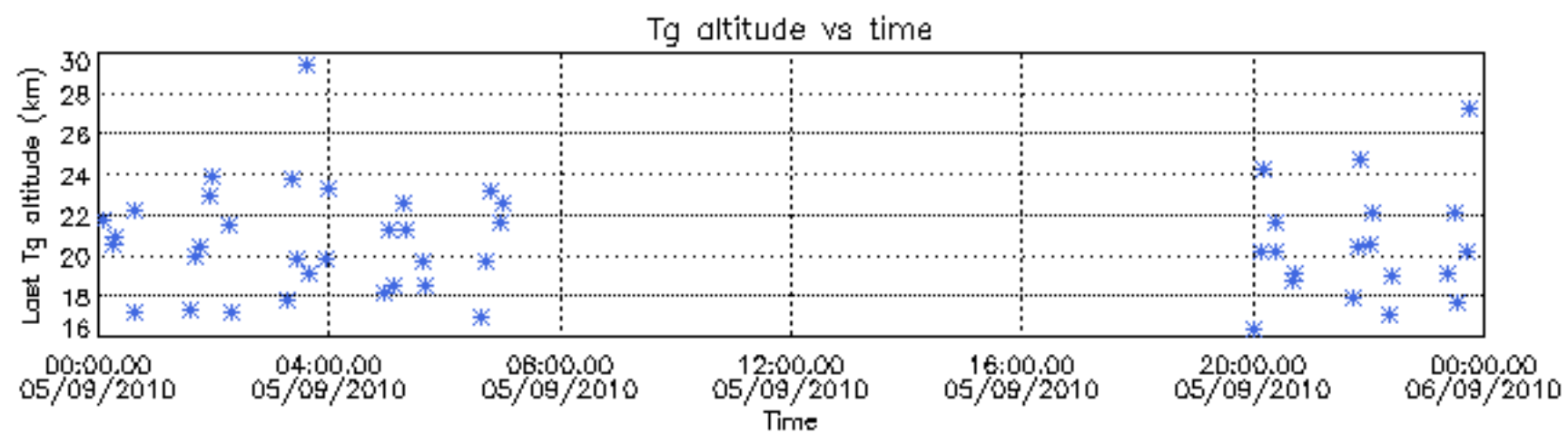
Percentage of saturation errors per profile



Tangent altitude at which the star is lost

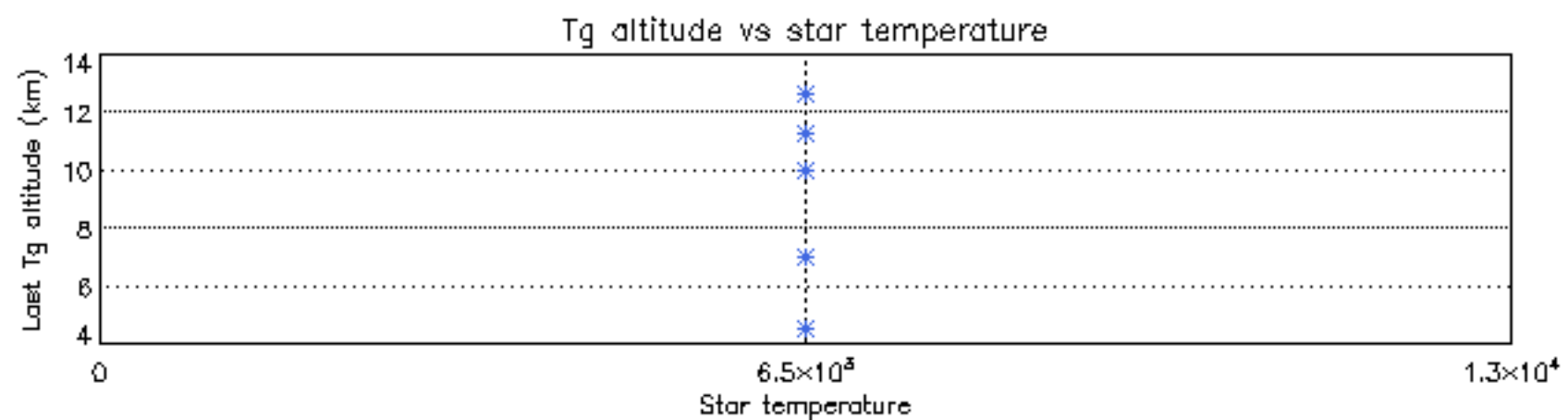
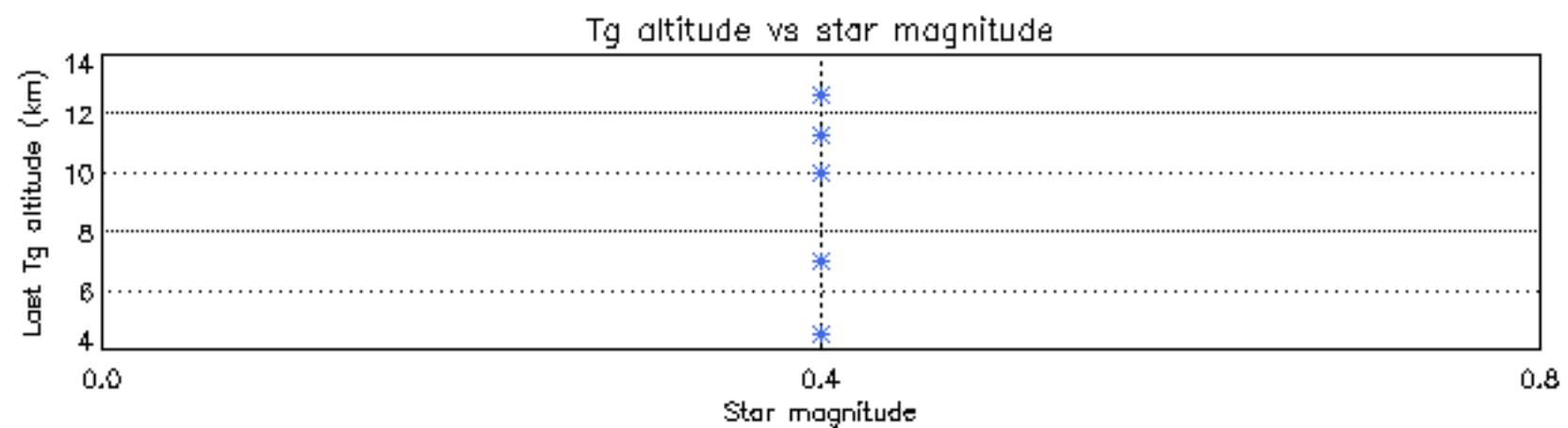
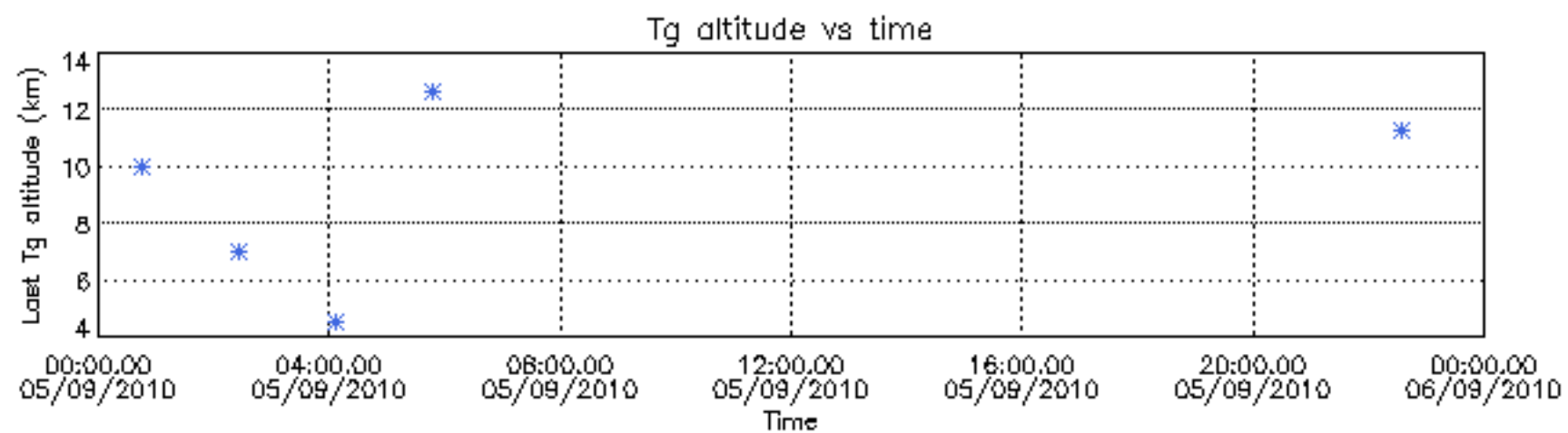


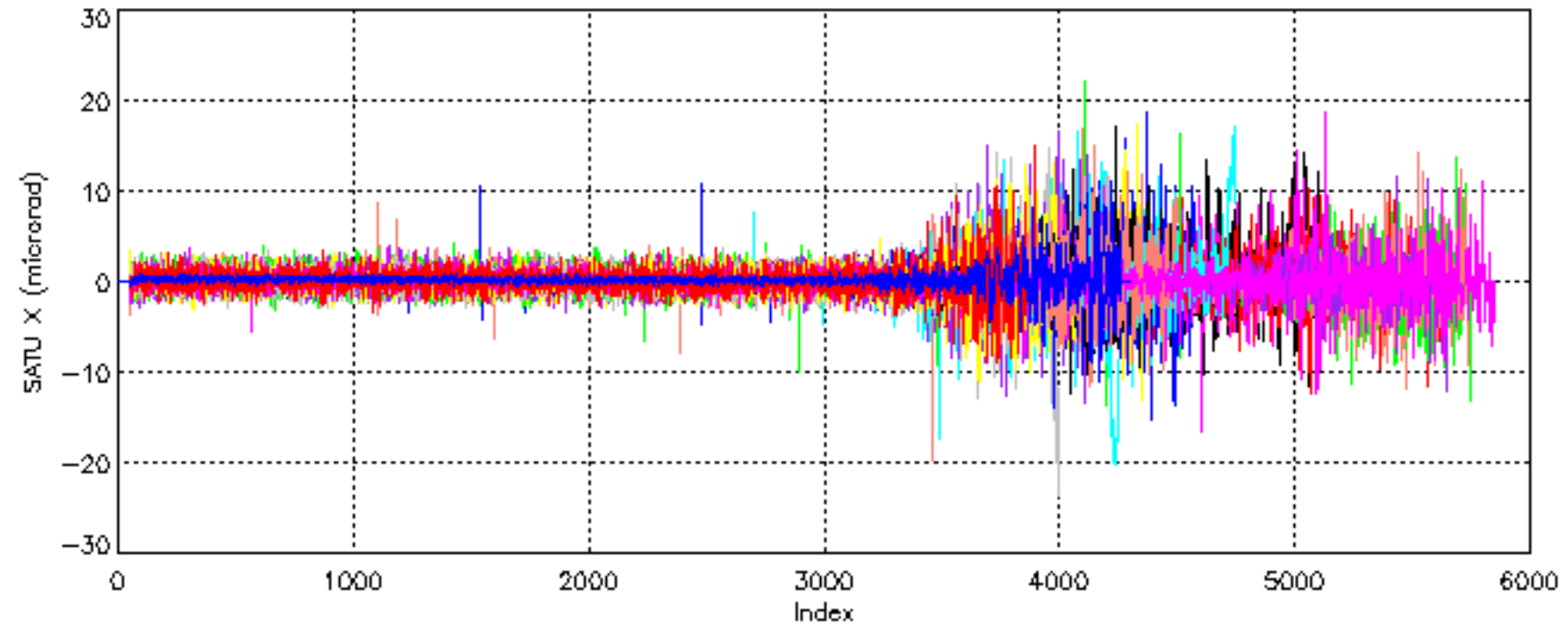
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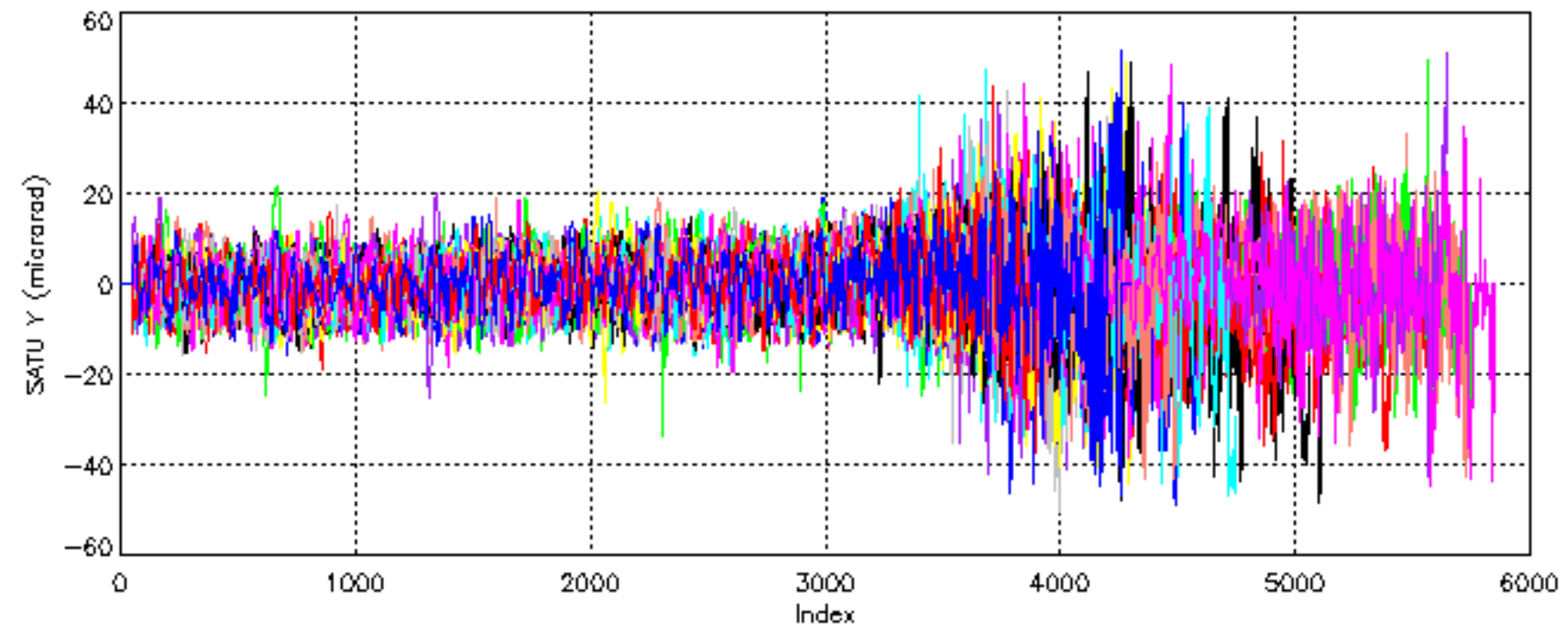


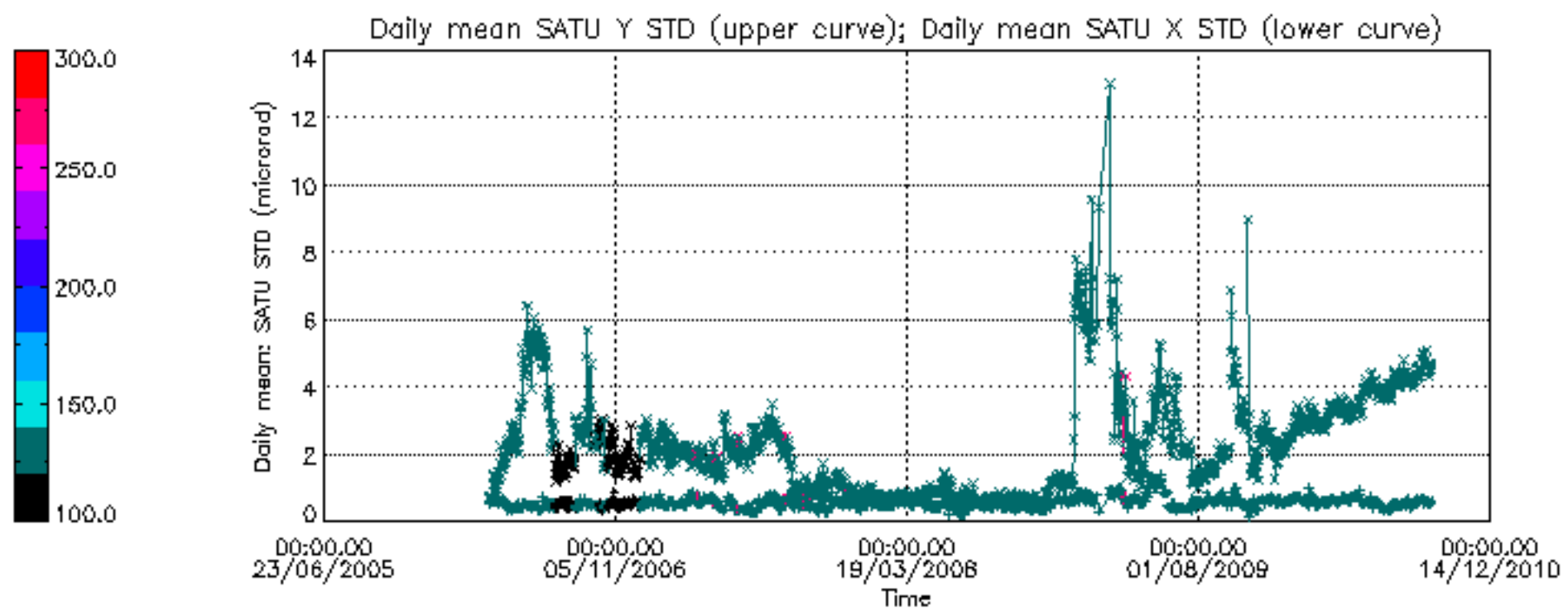


Tangent altitude at which the star is lost











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3; 3076.1; 09-SEP-2010 08:11:06; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44578

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7; 4642.3; 09-SEP-2010 08:37:13; Dark ; 52.5; 170; 27Eps Gem ; 3.00; 9700;occ; 105; 0;44578
8; 4845.2; 09-SEP-2010 08:40:36; Dark ; 57.0; 44; 24Gam Gem ; 1.93; 11000;occ; 114; 0;44578
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13; 5820.5; 09-SEP-2010 08:56:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44578
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3; 3015.7; 09-SEP-2010 11:31:18; Bright; 72.5; 53; 43Bet And ; 2.05; 3300;occ; 145; 0;44580
4; 3260.5; 09-SEP-2010 11:35:23; Bright; 45.5; 110; 37Del Cas ; 2.68; 8900;occ; 91; 0;44580
5; 3391.3; 09-SEP-2010 11:37:33; Bright; 77.5; 73; 57Gam1And ; 2.26; 13100;occ; 155; 0;44580
6; 3593.4; 09-SEP-2010 11:40:55; Bright; 58.0; 160; 23Gam Per ; 2.93; 4700;occ; 116; 0;44580
7; 3719.8; 09-SEP-2010 11:43:02; Bright; 68.5; 35; 33Alp Per ; 1.79; 6250;occ; 137; 0;44580
8; 3834.2; 09-SEP-2010 11:44:56; Bright; 68.0; 175; 39Del Per ; 3.01; 19400;occ; 136; 0;44580
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11; 4649.8; 09-SEP-2010 11:58:32; Dark ; 81.5; 28; 12Bet Tau ; 1.65; 15200;occ; 163; 0;44580
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13; 5189.9; 09-SEP-2010 12:07:32; Dark ; 100.0; 14; 58Alp Ori ; 0.87; 3000;occ; 200; 0;44580
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4; 4116.7; 09-SEP-2010 18:32:03; Bright; 61.0; 6; 13Alp Aur ; 0.08; 3400;occ; 122; 0;44584
5; 4378.0; 09-SEP-2010 18:36:24; Bright; 49.0; 107; 37The Aur ; 2.65; 11000;occ; 98; 0;44584
6; 5954.5; 09-SEP-2010 19:02:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44584
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3; 637.0; 10-SEP-2010 06:58:50; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;44592

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6; 643.1; 16-SEP-2010 22:15:49; Dark ; 41.5; 143; Alp Hyi ; 2.86; 7200;occ; 83; 0;44687
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 8; 5553.8; 16-SEP-2010 11:53:28; Dark ; 64.5; 1; 9Alp CMa ; -1.44; 11000;occ; 129; 0;44680
 9; 5669.5; 16-SEP-2010 11:55:24; Dark ; 30.0; 47; 2Bet CMa ; 1.98; 28000;occ; 60; 0;44680
10; 5747.7; 16-SEP-2010 11:56:42; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;44680
11; 5909.2; 16-SEP-2010 11:59:23; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44680
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15; 7105.4; 16-SEP-2010 12:19:20; Dark ; 41.0; 84; Alp Phe ; 2.40; 4500;occ; 82; 0;44681
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 2; 2410.7; 16-SEP-2010 12:41:41; Bright; 41.0; 93; 53Bet Peg ; 2.52; 3100;occ; 82; 0;44681
 3; 3025.3; 16-SEP-2010 12:51:55; Bright; 37.5; 74; 11Bet Cas ; 2.27; 6600;occ; 75; 0;44681
 4; 3132.7; 16-SEP-2010 12:53:43; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;44681
 5; 4482.3; 16-SEP-2010 13:16:12; Bright; 43.5; 24; 66Alp Gem ; 1.58; 10200;occ; 87; 0;44681
 6; 5005.4; 16-SEP-2010 13:24:55; Dark ; 52.5; 8; 10Alp CMi ; 0.40; 6500;occ; 105; 0;44681
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 8; 5555.0; 16-SEP-2010 13:34:05; Dark ; 70.0; 1; 9Alp CMa ; -1.44; 11000;occ; 140; 0;44681
 9; 5670.8; 16-SEP-2010 13:36:01; Dark ; 30.0; 47; 2Bet CMa ; 1.98; 28000;occ; 60; 0;44681
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11; 5910.1; 16-SEP-2010 13:40:00; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44681
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13; 6676.8; 16-SEP-2010 13:52:47; Dark ; 39.0; 143; Alp Hyi ; 2.86; 7200;occ; 78; 0;44682
14; 6762.4; 16-SEP-2010 13:54:12; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44682
15; 7105.9; 16-SEP-2010 13:59:56; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;44682
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 2; 2178.4; 16-SEP-2010 14:18:24; Bright; 39.5; 90; 54Alp Peg ; 2.49; 11000;occ; 79; 0;44682
 3; 2410.4; 16-SEP-2010 14:22:16; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;44682
 4; 2533.0; 16-SEP-2010 14:24:19; Bright; 30.0; 58; 21Alp And ; 2.07; 11000;occ; 60; 0;44682
 5; 3024.9; 16-SEP-2010 14:32:31; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44682
 6; 3132.1; 16-SEP-2010 14:34:18; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44682
 7; 4482.5; 16-SEP-2010 14:56:48; Bright; 41.5; 24; 66Alp Gem ; 1.58; 10200;occ; 83; 0;44682
 8; 5006.1; 16-SEP-2010 15:05:32; Dark ; 57.0; 8; 10Alp CMi ; 0.40; 6500;occ; 114; 0;44682
 9; 5451.7; 16-SEP-2010 15:12:58; Dark ; 42.5; 132; 15Rho Pup ; 2.80; 6900;occ; 85; 0;44682
10; 5556.3; 16-SEP-2010 15:14:42; Dark ; 71.0; 1; 9Alp CMa ; -1.44; 11000;occ; 142; 0;44682
11; 5687.7; 16-SEP-2010 15:16:54; Dark ; 46.5; 23; 21Eps CMa ; 1.50; 26000;occ; 93; 0;44682
12; 5911.1; 16-SEP-2010 15:20:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44682
13; 6062.4; 16-SEP-2010 15:23:08; Dark ; 55.5; 2; Alp Car ; -0.74; 7000;occ; 111; 0;44683
14; 6677.2; 16-SEP-2010 15:33:23; Dark ; 39.5; 143; Alp Hyi ; 2.86; 7200;occ; 79; 0;44683
15; 6762.9; 16-SEP-2010 15:34:49; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44683
16; 7106.1; 16-SEP-2010 15:40:32; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;44683
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 2; 2178.5; 16-SEP-2010 15:59:00; Bright; 39.5; 90; 54Alp Peg ; 2.49; 11000;occ; 79; 0;44683
 3; 2410.1; 16-SEP-2010 16:02:52; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44683
 4; 2532.4; 16-SEP-2010 16:04:54; Bright; 30.0; 58; 21Alp And ; 2.07; 11000;occ; 60; 0;44683
 5; 3024.4; 16-SEP-2010 16:13:06; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44683

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7; 4482.5; 16-SEP-2010 16:37:24; Bright; 45.5; 24; 66Alp Gem ; 1.58; 10200;occ; 91; 0;44683  
8; 5006.5; 16-SEP-2010 16:46:08; Dark ; 61.0; 8; 10Alp CMI ; 0.40; 6500;occ; 122; 0;44683  
9; 5452.2; 16-SEP-2010 16:53:34; Dark ; 42.5; 132; 15Rho Pup ; 2.80; 6900;occ; 85; 0;44683  
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11; 5688.5; 16-SEP-2010 16:57:30; Dark ; 46.5; 23; 21Eps CMA ; 1.50; 26000;occ; 93; 0;44683  
12; 5912.1; 16-SEP-2010 17:01:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44683  
13; 6063.3; 16-SEP-2010 17:03:45; Dark ; 48.0; 2; Alp Car ; -0.74; 7000;occ; 96; 0;44684  
14; 6677.9; 16-SEP-2010 17:14:00; Dark ; 38.5; 143; Alp Hyi ; 2.86; 7200;occ; 77; 0;44684  
15; 6763.4; 16-SEP-2010 17:15:25; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;44684  
16; 7106.7; 16-SEP-2010 17:21:09; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;44684

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3; 2409.9; 16-SEP-2010 17:43:28; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;44684  
4; 2531.6; 16-SEP-2010 17:45:30; Bright; 37.0; 58; 21Alp And ; 2.07; 11000;occ; 74; 0;44684  
5; 3023.9; 16-SEP-2010 17:53:42; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44684  
6; 3131.0; 16-SEP-2010 17:55:29; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44684  
7; 4482.7; 16-SEP-2010 18:18:01; Bright; 44.0; 24; 66Alp Gem ; 1.58; 10200;occ; 88; 0;44684  
8; 5007.0; 16-SEP-2010 18:26:45; Dark ; 59.5; 8; 10Alp CMI ; 0.40; 6500;occ; 119; 0;44684  
9; 5452.6; 16-SEP-2010 18:34:11; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44684  
10; 5558.5; 16-SEP-2010 18:35:56; Dark ; 62.0; 1; 9Alp CMA ; -1.44; 11000;occ; 124; 0;44684  
11; 5689.3; 16-SEP-2010 18:38:07; Dark ; 52.5; 23; 21Eps CMA ; 1.50; 26000;occ; 105; 0;44684  
12; 5913.1; 16-SEP-2010 18:41:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44684  
13; 6063.9; 16-SEP-2010 18:44:22; Dark ; 51.5; 2; Alp Car ; -0.74; 7000;occ; 103; 0;44685  
14; 6678.1; 16-SEP-2010 18:54:36; Dark ; 40.5; 143; Alp Hyi ; 2.86; 7200;occ; 81; 0;44685  
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3; -344.0; 16-SEP-2010 23:39:58; Dark ; 49.5; 23; 21Eps CMA ; 1.50; 26000;occ; 99; 0;44687  
4; -120.1; 16-SEP-2010 23:43:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44687  
5; 29.4; 16-SEP-2010 23:46:11; Dark ; 53.5; 2; Alp Car ; -0.74; 7000;occ; 107; 0;44688  
6; 643.3; 16-SEP-2010 23:56:25; Dark ; 40.0; 143; Alp Hyi ; 2.86; 7200;occ; 80; 0;44688  
7; 729.2; 16-SEP-2010 23:57:51; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;44688  
8; 1072.3; 17-SEP-2010 00:03:34; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;44688  
9; 1529.0; 17-SEP-2010 00:11:10; Dark ; 47.0; 52; 16Bet Cet ; 2.04; 4500;occ; 94; 0;44688  
10; 2177.6; 17-SEP-2010 00:21:59; Bright; 39.5; 90; 54Alp Peg ; 2.49; 11000;occ; 79; 0;44688  
11; 2408.8; 17-SEP-2010 00:25:50; Bright; 41.5; 93; 53Bet Peg ; 2.52; 3100;occ; 83; 0;44688  
12; 2528.9; 17-SEP-2010 00:27:50; Bright; 47.5; 58; 21Alp And ; 2.07; 11000;occ; 95; 0;44688  
13; 3022.1; 17-SEP-2010 00:36:04; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44688  
14; 3128.4; 17-SEP-2010 00:37:50; Bright; 44.0; 76; 27Gam Cas ; 2.30; 30000;occ; 88; 0;44688  
15; 4483.0; 17-SEP-2010 01:00:25; Bright; 58.0; 24; 66Alp Gem ; 1.58; 10200;occ; 116; 0;44688  
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3; 2178.0; 16-SEP-2010 19:20:12; Bright; 40.0; 90; 54Alp Peg ; 2.49; 11000;occ; 80; 0;44685  
4; 2409.6; 16-SEP-2010 19:24:03; Bright; 43.0; 93; 53Bet Peg ; 2.52; 3100;occ; 86; 0;44685  
5; 2530.9; 16-SEP-2010 19:26:05; Bright; 37.0; 58; 21Alp And ; 2.07; 11000;occ; 74; 0;44685  
6; 3023.6; 16-SEP-2010 19:34:18; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44685  
7; 3130.4; 16-SEP-2010 19:36:04; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;44685  
8; 4482.7; 16-SEP-2010 19:58:37; Bright; 63.0; 24; 66Alp Gem ; 1.58; 10200;occ; 126; 0;44685  
9; 5007.4; 16-SEP-2010 20:07:21; Dark ; 56.5; 8; 10Alp CMI ; 0.40; 6500;occ; 113; 0;44685  
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11; 5559.3; 16-SEP-2010 20:16:33; Dark ; 63.5; 1; 9Alp CMA ; -1.44; 11000;occ; 127; 0;44685  
12; 5690.1; 16-SEP-2010 20:18:44; Dark ; 44.5; 23; 21Eps CMA ; 1.50; 26000;occ; 89; 0;44685  
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15; 6678.7; 16-SEP-2010 20:35:13; Dark ; 39.5; 143; Alp Hyi ; 2.86; 7200;occ; 79; 0;44686  
16; 6764.3; 16-SEP-2010 20:36:38; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;44686

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4; -119.2; 17-SEP-2010 01:24:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44688  
5; 30.3; 17-SEP-2010 01:26:48; Dark ; 53.5; 2; Alp Car ; -0.74; 7000;occ; 107; 0;44689  
6; 644.3; 17-SEP-2010 01:37:02; Dark ; 37.5; 143; Alp Hyi ; 2.86; 7200;occ; 75; 0;44689



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9; 1529.2; 17-SEP-2010 01:51:47; Dark ; 47.0; 52; 16Bet Cet ; 2.04; 4500;occ; 94; 0;44689
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13; 3021.5; 17-SEP-2010 02:16:39; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44689
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16; 5009.8; 17-SEP-2010 02:49:47; Dark ; 53.0; 8; 10Alp CMi ; 0.40; 6500;occ; 106; 0;44689
17; 5455.0; 17-SEP-2010 02:57:12; Dark ; 42.0; 132; 15Rho Pup ; 2.80; 6900;occ; 84; 0;44689
18; 5563.7; 17-SEP-2010 02:59:01; Dark ; 62.0; 1; 9Alp CMA ; -1.44; 11000;occ; 124; 0;44689
19; 5693.6; 17-SEP-2010 03:01:11; Dark ; 51.0; 23; 21Eps CMA ; 1.50; 26000;occ; 102; 0;44689
20; 5917.7; 17-SEP-2010 03:04:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44689
21; 6066.8; 17-SEP-2010 03:07:24; Dark ; 55.5; 2; Alp Car ; -0.74; 7000;occ; 111; 0;44690
22; 6680.6; 17-SEP-2010 03:17:38; Dark ; 37.0; 143; Alp Hyi ; 2.86; 7200;occ; 74; 0;44690
23; 6766.3; 17-SEP-2010 03:19:04; Dark ; 52.5; 9; Alp Eri ; 0.45; 24000;occ; 105; 0;44690
24; 7108.9; 17-SEP-2010 03:24:46; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;44690
25; 7565.4; 17-SEP-2010 03:32:23; Dark ; 53.0; 52; 16Bet Cet ; 2.04; 4500;occ; 106; 0;44690
26; 8213.2; 17-SEP-2010 03:43:11; Bright; 38.5; 90; 54Alp Peg ; 2.49; 11000;occ; 77; 0;44690
27; 8444.4; 17-SEP-2010 03:47:02; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44690
28; 8563.5; 17-SEP-2010 03:49:01; Bright; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;44690
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3; -1552.5; 17-SEP-2010 04:21:37; Bright; 63.0; 24; 66Alp Gem ; 1.58; 10200;occ; 126; 0;44690
4; -1025.7; 17-SEP-2010 04:30:24; Dark ; 52.5; 8; 10Alp CMi ; 0.40; 6500;occ; 105; 0;44690
5; -580.4; 17-SEP-2010 04:37:49; Dark ; 42.5; 132; 15Rho Pup ; 2.80; 6900;occ; 85; 0;44690
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7; -341.5; 17-SEP-2010 04:41:48; Dark ; 48.0; 23; 21Eps CMA ; 1.50; 26000;occ; 96; 0;44690
8; -117.3; 17-SEP-2010 04:45:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44690
9; 31.5; 17-SEP-2010 04:48:01; Dark ; 51.5; 2; Alp Car ; -0.74; 7000;occ; 103; 0;44691
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11; 730.9; 17-SEP-2010 04:59:40; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44691
12; 1073.4; 17-SEP-2010 05:05:23; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;44691
13; 1529.6; 17-SEP-2010 05:12:59; Dark ; 53.0; 52; 16Bet Cet ; 2.04; 4500;occ; 106; 0;44691
14; 2177.3; 17-SEP-2010 05:23:47; Bright; 39.5; 90; 54Alp Peg ; 2.49; 11000;occ; 79; 0;44691
15; 2408.3; 17-SEP-2010 05:27:38; Bright; 37.5; 93; 53Bet Peg ; 2.52; 3100;occ; 75; 0;44691
16; 2526.9; 17-SEP-2010 05:29:36; Bright; 47.0; 58; 21Alp And ; 2.07; 11000;occ; 94; 0;44691
17; 3021.0; 17-SEP-2010 05:37:50; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44691
18; 3127.2; 17-SEP-2010 05:39:36; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44691
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3; 2483.3; 22-SEP-2010 12:54:22; Bright; 44.5; 58; 21Alp And ; 2.07; 11000;occ; 89; 0;44767
4; 2990.3; 22-SEP-2010 13:02:49; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;44767
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6; 4494.1; 22-SEP-2010 13:27:53; Bright; 50.0; 24; 66Alp Gem ; 1.58; 10200;occ; 100; 0;44767
7; 5058.0; 22-SEP-2010 13:37:17; Dark ; 62.0; 8; 10Alp CMi ; 0.40; 6500;occ; 124; 0;44767
8; 5498.3; 22-SEP-2010 13:44:37; Dark ; 45.5; 132; 15Rho Pup ; 2.80; 6900;occ; 91; 0;44767
9; 5697.3; 22-SEP-2010 13:47:56; Dark ; 51.5; 37; 25Del CMa ; 1.83; 5900;occ; 103; 0;44767
10; 5809.8; 22-SEP-2010 13:49:49; Dark ; 46.5; 117; Pi Pup ; 2.71; 3800;occ; 93; 0;44767
11; 5995.4; 22-SEP-2010 13:52:54; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44767
12; 6117.7; 22-SEP-2010 13:54:57; Dark ; 54.0; 2; Alp Car ;-0.74; 7000;occ; 108; 0;44768
13; 6803.3; 22-SEP-2010 14:06:22; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44768
14; 7138.1; 22-SEP-2010 14:11:57; Dark ; 46.0; 84; Alp Phe ; 2.40; 4500;occ; 92; 0;44768
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5; 2990.0; 22-SEP-2010 14:43:25; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44768
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8; 5058.7; 22-SEP-2010 15:17:54; Dark ; 70.0; 8; 10Alp CMi ; 0.40; 6500;occ; 140; 0;44768
9; 5498.8; 22-SEP-2010 15:25:14; Dark ; 39.5; 132; 15Rho Pup ; 2.80; 6900;occ; 79; 0;44768
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11; 5810.6; 22-SEP-2010 15:30:25; Dark ; 50.0; 117; Pi Pup ; 2.71; 3800;occ; 100; 0;44768
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15; 7138.4; 22-SEP-2010 15:52:33; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44769
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3; 2393.7; 22-SEP-2010 16:14:05; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44769
4; 2482.5; 22-SEP-2010 16:15:33; Bright; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;44769
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6; 3086.1; 22-SEP-2010 16:25:37; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44769
7; 4494.4; 22-SEP-2010 16:49:05; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44769
8; 5059.4; 22-SEP-2010 16:58:30; Dark ; 65.5; 8; 10Alp CMi ; 0.40; 6500;occ; 131; 0;44769
9; 5499.4; 22-SEP-2010 17:05:50; Dark ; 43.5; 132; 15Rho Pup ; 2.80; 6900;occ; 87; 0;44769
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12; 5997.6; 22-SEP-2010 17:14:08; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44769
13; 6119.3; 22-SEP-2010 17:16:10; Dark ; 45.0; 2; Alp Car ;-0.74; 7000;occ; 90; 0;44770
14; 6804.3; 22-SEP-2010 17:27:35; Dark ; 51.0; 9; Alp Eri ; 0.45; 24000;occ; 102; 0;44770
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3; 2168.5; 22-SEP-2010 17:50:55; Bright; 37.0; 90; 54Alp Peg ; 2.49; 11000;occ; 74; 0;44770
4; 2393.6; 22-SEP-2010 17:54:40; Bright; 38.5; 93; 53Bet Peg ; 2.52; 3100;occ; 77; 0;44770
5; 2482.0; 22-SEP-2010 17:56:09; Bright; 45.0; 58; 21Alp And ; 2.07; 11000;occ; 90; 0;44770
6; 2989.3; 22-SEP-2010 18:04:36; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44770
7; 3085.7; 22-SEP-2010 18:06:12; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44770
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9; 5060.1; 22-SEP-2010 18:39:07; Dark ; 55.0; 8; 10Alp CMi ; 0.40; 6500;occ; 110; 0;44770
10; 5500.1; 22-SEP-2010 18:46:27; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44770

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13; 5998.6; 22-SEP-2010 18:54:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44770
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15; 6804.7; 22-SEP-2010 19:08:11; Dark ; 50.5; 9; Alp Eri ; 0.45; 24000;occ; 101; 0;44771
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 3; 2168.5; 22-SEP-2010 19:31:31; Bright; 37.0; 90; 54Alp Peg ; 2.49; 11000;occ; 74; 0;44771
 4; 2393.5; 22-SEP-2010 19:35:16; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;44771
 5; 2481.4; 22-SEP-2010 19:36:44; Bright; 44.5; 58; 21Alp And ; 2.07; 11000;occ; 89; 0;44771
 6; 2988.9; 22-SEP-2010 19:45:12; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44771
 7; 3085.1; 22-SEP-2010 19:46:48; Bright; 44.0; 76; 27Gam Cas ; 2.30; 30000;occ; 88; 0;44771
 8; 4494.6; 22-SEP-2010 20:10:17; Bright; 49.5; 24; 66Alp Gem ; 1.58; 10200;occ; 99; 0;44771
 9; 5060.7; 22-SEP-2010 20:19:43; Dark ; 55.0; 8; 10Alp CMI ; 0.40; 6500;occ; 110; 0;44771
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12; 5812.7; 22-SEP-2010 20:32:16; Dark ; 52.5; 117; Pi Pup ; 2.71; 3800;occ; 105; 0;44771
13; 5999.6; 22-SEP-2010 20:35:22; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44771
14; 6120.3; 22-SEP-2010 20:37:23; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 0;44772
15; 6805.0; 22-SEP-2010 20:48:48; Dark ; 50.5; 9; Alp Eri ; 0.45; 24000;occ; 101; 0;44772
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 3; -220.7; 23-SEP-2010 01:34:06; Dark ; 44.5; 117; Pi Pup ; 2.71; 3800;occ; 89; 0;44774
 4; -33.2; 23-SEP-2010 01:37:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44774
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 6; 770.4; 23-SEP-2010 01:50:37; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44775
 7; 1104.5; 23-SEP-2010 01:56:11; Dark ; 44.0; 84; Alp Phe ; 2.40; 4500;occ; 88; 0;44775
 8; 1541.3; 23-SEP-2010 02:03:28; Dark ; 51.5; 52; 16Bet Cet ; 2.04; 4500;occ; 103; 0;44775
 9; 2167.9; 23-SEP-2010 02:13:54; Bright; 37.5; 90; 54Alp Peg ; 2.49; 11000;occ; 75; 0;44775
10; 2392.9; 23-SEP-2010 02:17:39; Bright; 39.5; 93; 53Bet Peg ; 2.52; 3100;occ; 79; 0;44775
11; 2479.5; 23-SEP-2010 02:19:06; Bright; 43.5; 58; 21Alp And ; 2.07; 11000;occ; 87; 0;44775
12; 2987.5; 23-SEP-2010 02:27:34; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;44775
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 4; -330.9; 23-SEP-2010 03:12:51; Dark ; 49.0; 37; 25Del CMA ; 1.83; 5900;occ; 98; 0;44775
 5; -219.9; 23-SEP-2010 03:14:42; Dark ; 49.0; 117; Pi Pup ; 2.71; 3800;occ; 98; 0;44775
 6; -32.1; 23-SEP-2010 03:17:50; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44775
 7; 87.3; 23-SEP-2010 03:19:49; Dark ; 48.0; 2; Alp Car ; -0.74; 7000;occ; 96; 0;44776
 8; 771.0; 23-SEP-2010 03:31:13; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44776
 9; 1105.0; 23-SEP-2010 03:36:47; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;44776
10; 1541.6; 23-SEP-2010 03:44:04; Dark ; 54.0; 52; 16Bet Cet ; 2.04; 4500;occ; 108; 0;44776
11; 2168.1; 23-SEP-2010 03:54:30; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44776
12; 2392.9; 23-SEP-2010 03:58:15; Bright; 37.0; 93; 53Bet Peg ; 2.52; 3100;occ; 74; 0;44776
13; 2479.0; 23-SEP-2010 03:59:41; Bright; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;44776
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 3; -532.4; 23-SEP-2010 04:50:06; Dark ; 45.0; 132; 15Rho Pup ; 2.80; 6900;occ; 90; 0;44776
 4; -342.5; 23-SEP-2010 04:53:16; Dark ; 48.0; 88; 31Eta CMA ; 2.45; 20000;occ; 96; 0;44776
 5; -260.4; 23-SEP-2010 04:54:38; Dark ; 53.0; 23; 21Eps CMA ; 1.50; 26000;occ; 106; 0;44776
 6; -121.5; 23-SEP-2010 04:56:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44776
 7; 5.4; 23-SEP-2010 04:59:04; Dark ; 44.0; 161; Tau Pup ; 2.93; 4500;occ; 88; 0;44776
 8; 87.9; 23-SEP-2010 05:00:26; Dark ; 57.5; 2; Alp Car ; -0.74; 7000;occ; 115; 0;44777
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12; 2168.0; 23-SEP-2010 05:35:06; Bright; 37.5; 90; 54Alp Peg ; 2.49; 11000;occ; 75; 0;44777
13; 2392.9; 23-SEP-2010 05:38:51; Bright; 40.5; 93; 53Bet Peg ; 2.52; 3100;occ; 81; 0;44777
14; 2478.6; 23-SEP-2010 05:40:17; Bright; 43.0; 58; 21Alp And ; 2.07; 11000;occ; 86; 0;44777
15; 2986.6; 23-SEP-2010 05:48:45; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44777
16; 3082.2; 23-SEP-2010 05:50:20; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44777

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2;	2167.7;	23-SEP-2010	15:38:41;	Bright;	;	38.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	77;	0;	44783
3;	2392.2;	23-SEP-2010	15:42:26;	Bright;	;	39.5;	93;	53Bet	Peg	;	2.52;	3100;	occ;	79;	0;	44783
4;	2475.7;	23-SEP-2010	15:43:49;	Bright;	;	43.0;	58;	21Alp	And	;	2.07;	11000;	occ;	86;	0;	44783
5;	2984.7;	23-SEP-2010	15:52:18;	Bright;	;	37.5;	74;	11Bet	Cas	;	2.27;	6600;	occ;	75;	0;	44783
6;	3079.6;	23-SEP-2010	15:53:53;	Bright;	;	41.5;	76;	27Gam	Cas	;	2.30;	30000;	occ;	83;	0;	44783
7;	4496.5;	23-SEP-2010	16:17:30;	Bright;	;	47.5;	24;	66Alp	Gem	;	1.58;	10200;	occ;	95;	0;	44783
8;	5069.5;	23-SEP-2010	16:27:03;	Dark	;	69.0;	8;	10Alp	CMI	;	0.40;	6500;	occ;	138;	0;	44783
9;	5508.2;	23-SEP-2010	16:34:22;	Dark	;	40.5;	132;	15Rho	Pup	;	2.80;	6900;	occ;	81;	0;	44783
10;	5681.4;	23-SEP-2010	16:37:15;	Dark	;	67.0;	1;	9Alp	CMA	;	-1.44;	11000;	occ;	134;	0;	44783
11;	5782.9;	23-SEP-2010	16:38:56;	Dark	;	46.5;	23;	21Eps	CMA	;	1.50;	26000;	occ;	93;	0;	44783
12;	5919.0;	23-SEP-2010	16:41:13;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	44783
13;	6046.0;	23-SEP-2010	16:43:20;	Dark	;	43.0;	161;	Tau	Pup	;	2.93;	4500;	occ;	86;	0;	44784
14;	6183.2;	23-SEP-2010	16:45:37;	Dark	;	54.0;	108;	Alp	Col	;	2.65;	15200;	occ;	108;	0;	44784
15;	6864.6;	23-SEP-2010	16:56:58;	Dark	;	51.5;	157;	The1Eri		;	2.91;	9300;	occ;	103;	0;	44784
16;	7143.8;	23-SEP-2010	17:01:37;	Dark	;	45.0;	84;	Alp	Phe	;	2.40;	4500;	occ;	90;	0;	44784

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2;	2167.8;	23-SEP-2010	17:19:17;	Bright;	;	38.0;	90;	54Alp	Peg	;	2.49;	11000;	occ;	76;	0;	44784
3;	2391.8;	23-SEP-2010	17:23:01;	Bright;	;	40.5;	93;	53Bet	Peg	;	2.52;	3100;	occ;	81;	0;	44784
4;	2475.3;	23-SEP-2010	17:24:25;	Bright;	;	43.0;	58;	21Alp	And	;	2.07;	11000;	occ;	86;	0;	44784
5;	2984.2;	23-SEP-2010	17:32:54;	Bright;	;	40.5;	74;	11Bet	Cas	;	2.27;	6600;	occ;	81;	0;	44784
6;	3079.0;	23-SEP-2010	17:34:29;	Bright;	;	40.5;	76;	27Gam	Cas	;	2.30;	30000;	occ;	81;	0;	44784
7;	4496.5;	23-SEP-2010	17:58:06;	Bright;	;	49.5;	24;	66Alp	Gem	;	1.58;	10200;	occ;	99;	0;	44784
8;	5070.1;	23-SEP-2010	18:07:40;	Dark	;	63.5;	8;	10Alp	CMI	;	0.40;	6500;	occ;	127;	0;	44784
9;	5508.9;	23-SEP-2010	18:14:58;	Dark	;	42.0;	132;	15Rho	Pup	;	2.80;	6900;	occ;	84;	0;	44784
10;	5682.8;	23-SEP-2010	18:17:52;	Dark	;	61.0;	1;	9Alp	CMA	;	-1.44;	11000;	occ;	122;	0;	44784
11;	5783.8;	23-SEP-2010	18:19:33;	Dark	;	54.0;	23;	21Eps	CMA	;	1.50;	26000;	occ;	108;	0;	44784
12;	5919.7;	23-SEP-2010	18:21:49;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	44784
13;	6046.8;	23-SEP-2010	18:23:56;	Dark	;	43.0;	161;	Tau	Pup	;	2.93;	4500;	occ;	86;	0;	44785
14;	6184.6;	23-SEP-2010	18:26:14;	Dark	;	55.5;	108;	Alp	Col	;	2.65;	15200;	occ;	111;	0;	44785
15;	6865.4;	23-SEP-2010	18:37:35;	Dark	;	51.0;	157;	The1Eri		;	2.91;	9300;	occ;	102;	0;	44785
16;	7144.0;	23-SEP-2010	18:42:14;	Dark	;	16.0;	84;	Alp	Phe	;	2.40;	4500;	occ;	32;	0;	44785

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1;	1108.0;	23-SEP-2010	18:42:14;	Dark	;	45.5;	84;	Alp	Phe	;	2.40;	4500;	occ;	91;	0;	44785
2;	1542.9;	23-SEP-2010	18:49:28;	Dark	;	53.5;	52;	16Bet	Cet	;	2.04;	4500;	occ;	107;	0;	44785
3;	2167.5;	23-SEP-2010	18:59:53;	Bright;	;	37.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	75;	0;	44785
4;	2391.7;	23-SEP-2010	19:03:37;	Bright;	;	38.0;	93;	53Bet	Peg	;	2.52;	3100;	occ;	76;	0;	44785
5;	2474.9;	23-SEP-2010	19:05:00;	Bright;	;	42.0;	58;	21Alp	And	;	2.07;	11000;	occ;	84;	0;	44785
6;	2984.0;	23-SEP-2010	19:13:30;	Bright;	;	41.5;	74;	11Bet	Cas	;	2.27;	6600;	occ;	83;	0;	44785
7;	3078.3;	23-SEP-2010	19:15:04;	Bright;	;	42.0;	76;	27Gam	Cas	;	2.30;	30000;	occ;	84;	0;	44785
8;	4496.8;	23-SEP-2010	19:38:42;	Bright;	;	48.5;	24;	66Alp	Gem	;	1.58;	10200;	occ;	97;	0;	44785
9;	5070.8;	23-SEP-2010	19:48:16;	Dark	;	71.0;	8;	10Alp	CMI	;	0.40;	6500;	occ;	142;	0;	44785
10;	5509.3;	23-SEP-2010	19:55:35;	Dark	;	41.5;	132;	15Rho	Pup	;	2.80;	6900;	occ;	83;	0;	44785
11;	5683.9;	23-SEP-2010	19:58:29;	Dark	;	61.0;	1;	9Alp	CMA	;	-1.44;	11000;	occ;	122;	0;	44785
12;	5784.9;	23-SEP-2010	20:00:10;	Dark	;	49.0;	23;	21Eps	CMA	;	1.50;	26000;	occ;	98;	0;	44785
13;	5920.3;	23-SEP-2010	20:02:26;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	44785
14;	6047.4;	23-SEP-2010	20:04:33;	Dark	;	51.0;	161;	Tau	Pup	;	2.93;	4500;	occ;	102;	0;	44786
15;	6185.8;	23-SEP-2010	20:06:51;	Dark	;	55.5;	108;	Alp	Col	;	2.65;	15200;	occ;	111;	0;	44786
16;	6866.3;	23-SEP-2010	20:18:12;	Dark	;	51.0;	157;	The1Eri		;	2.91;	9300;	occ;	102;	0;	44786

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1;	1544.8;	24-SEP-2010	19:58:29;	Dark	;	53.0;	52;	16Bet	Cet	;	2.04;	4500;	occ;	106;	0;	44800
2;	2166.8;	24-SEP-2010	20:08:51;	Bright;	;	37.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	75;	0;	44800
3;	2390.0;	24-SEP-2010	20:12:34;	Bright;	;	39.0;	93;	53Bet	Peg	;	2.52;	3100;	occ;	78;	0;	44800
4;	2978.5;	24-SEP-2010	20:22:23;	Bright;	;	41.0;	74;	11Bet	Cas	;	2.27;	6600;	occ;	82;	0;	44800
5;	3071.1;	24-SEP-2010	20:23:55;	Bright;	;	42.0;	76;	27Gam	Cas	;	2.30;	30000;	occ;	84;	0;	44800
6;	4498.7;	24-SEP-2010	20:47:43;	Bright;	;	51.0;	24;	66Alp	Gem	;	1.58;	10200;	occ;	102;	0;	44800

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1;	-953.9;	24-SEP-2010	20:57:26;	Dark	;	73.0;	8;	10Alp	CMI	;	0.40;	6500;	occ;	146;	0;	44800
2;	-516.9;	24-SEP-2010	21:04:43;	Dark	;	45.0;	132;	15Rho	Pup	;	2.80;	6900;	occ;	90;	0;	44800
3;	-321.7;	24-SEP-2010	21:07:59;	Dark	;	43.0;	88;	31Eta	CMA	;	2.45;	20000;	occ;	86;	0;	44800
4;	-235.2;	24-SEP-2010	21:09:25;	Dark	;	50.0;	23;	21Eps	CMA	;	1.50;	26000;	occ;	100;	0;	44800
5;	-105.9;	24-SEP-2010	21:11:34;	Dark	;	59.5;	0;			;	0.00;	0;	occ;	119;	0;	44800
6;	171.0;	24-SEP-2010	21:16:11;	Dark	;	56.5;	108;	Alp	Col	;	2.65;	15200;	occ;	113;	0;	44801
7;	842.9;	24-SEP-2010	21:27:23;	Dark	;	53.0;	157;	The1Eri		;	2.91;	9300;	occ;	106;	0;	44801
8;	1544.9;	24-SEP-2010	21:39:05;	Dark	;	55.0;	52;	16Bet	Cet	;	2.04;	4500;	occ;	110;	0;	44801
9;	2166.6;	24-SEP-2010	21:49:27;	Bright;	;	37.5;	90;	54Alp	Peg	;	2.49;	11000;	occ;	75;	0;	44801



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10; 2389.9; 24-SEP-2010 21:53:10; Bright; 37.5; 93; 53Bet Peg ; 2.52; 3100;occ; 75; 0;44801
11; 2978.1; 24-SEP-2010 22:02:58; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44801
12; 3070.6; 24-SEP-2010 22:04:31; Bright; 43.5; 76; 27Gam Cas ; 2.30; 30000;occ; 87; 0;44801
13; 4498.8; 24-SEP-2010 22:28:19; Bright; 52.5; 24; 66Alp Gem ; 1.58; 10200;occ; 105; 0;44801
14; 5082.6; 24-SEP-2010 22:38:03; Dark ; 61.5; 8; 10Alp CMi ; 0.40; 6500;occ; 123; 0;44801
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 1; -320.9; 24-SEP-2010 22:48:35; Dark ; 45.0; 88; 31Eta CMA ; 2.45; 20000;occ; 90; 0;44801
 2; -234.4; 24-SEP-2010 22:50:02; Dark ; 49.0; 23; 21Eps CMA ; 1.50; 26000;occ; 98; 0;44801
 3; -105.2; 24-SEP-2010 22:52:11; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44801
 4; 172.6; 24-SEP-2010 22:56:49; Dark ; 53.0; 108; Alp Col ; 2.65; 15200;occ; 106; 0;44802
 5; 843.7; 24-SEP-2010 23:08:00; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44802
 6; 1544.9; 24-SEP-2010 23:19:41; Dark ; 51.0; 52; 16Bet Cet ; 2.04; 4500;occ; 102; 0;44802
 7; 2210.3; 24-SEP-2010 23:30:46; Bright; 43.5; 140; 88Gam Peg ; 2.83; 26000;occ; 87; 0;44802
 8; 2389.7; 24-SEP-2010 23:33:46; Bright; 37.5; 93; 53Bet Peg ; 2.52; 3100;occ; 75; 0;44802
 9; 2977.7; 24-SEP-2010 23:43:34; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44802
10; 3070.2; 24-SEP-2010 23:45:06; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44802
11; 4498.9; 25-SEP-2010 00:08:55; Bright; 71.0; 24; 66Alp Gem ; 1.58; 10200;occ; 142; 0;44802
12; 5083.3; 25-SEP-2010 00:18:39; Dark ; 58.5; 8; 10Alp CMi ; 0.40; 6500;occ; 117; 0;44802
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 1; -1538.2; 24-SEP-2010 07:22:55; Bright; 52.0; 24; 66Alp Gem ; 1.58; 10200;occ; 104; 0;44792
 2; -960.0; 24-SEP-2010 07:32:33; Dark ; 67.0; 8; 10Alp CMi ; 0.40; 6500;occ; 134; 0;44792
 3; -522.2; 24-SEP-2010 07:39:51; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44792
 4; -341.9; 24-SEP-2010 07:42:51; Dark ; 36.0; 1; 9Alp CMA ; -1.44; 11000;occ; 72; 0;44792
 5; -243.9; 24-SEP-2010 07:44:29; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;44792
 6; -111.1; 24-SEP-2010 07:46:42; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44792
 7; 16.1; 24-SEP-2010 07:48:49; Dark ; 41.0; 161; Tau Pup ; 2.93; 4500;occ; 82; 0;44793
 8; 159.9; 24-SEP-2010 07:51:13; Dark ; 54.5; 108; Alp Col ; 2.65; 15200;occ; 109; 0;44793
 9; 836.4; 24-SEP-2010 08:02:29; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44793
10; 1543.9; 24-SEP-2010 08:14:17; Dark ; 55.0; 52; 16Bet Cet ; 2.04; 4500;occ; 110; 0;44793
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 1; 2167.1; 24-SEP-2010 08:24:40; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44793
 2; 2391.0; 24-SEP-2010 08:28:24; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44793
 3; 2471.0; 24-SEP-2010 08:29:44; Bright; 43.0; 58; 21Alp And ; 2.07; 11000;occ; 86; 0;44793
 4; 2981.1; 24-SEP-2010 08:38:14; Bright; 38.0; 74; 11Bet Cas ; 2.27; 6600;occ; 76; 0;44793
 5; 3074.6; 24-SEP-2010 08:39:47; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44793
 6; 4497.9; 24-SEP-2010 09:03:31; Bright; 49.5; 24; 66Alp Gem ; 1.58; 10200;occ; 99; 0;44793
 7; 5076.7; 24-SEP-2010 09:13:10; Dark ; 58.5; 8; 10Alp CMi ; 0.40; 6500;occ; 117; 0;44793
 8; 5514.5; 24-SEP-2010 09:20:27; Dark ; 43.5; 132; 15Rho Pup ; 2.80; 6900;occ; 87; 0;44793
 9; 5695.5; 24-SEP-2010 09:23:28; Dark ; 36.0; 1; 9Alp CMA ; -1.44; 11000;occ; 72; 0;44793
10; 5793.1; 24-SEP-2010 09:25:06; Dark ; 50.5; 23; 21Eps CMA ; 1.50; 26000;occ; 101; 0;44793
11; 5925.5; 24-SEP-2010 09:27:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44793
12; 6052.7; 24-SEP-2010 09:29:26; Dark ; 40.5; 161; Tau Pup ; 2.93; 4500;occ; 81; 0;44794
13; 6197.1; 24-SEP-2010 09:31:50; Dark ; 56.0; 108; Alp Col ; 2.65; 15200;occ; 112; 0;44794
14; 6873.2; 24-SEP-2010 09:43:06; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44794
15; 7579.9; 24-SEP-2010 09:54:53; Dark ; 53.5; 52; 16Bet Cet ; 2.04; 4500;occ; 107; 0;44794
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 2; 2390.8; 24-SEP-2010 10:09:00; Bright; 38.5; 93; 53Bet Peg ; 2.52; 3100;occ; 77; 0;44794
 3; 2470.6; 24-SEP-2010 10:10:19; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;44794
 4; 2980.6; 24-SEP-2010 10:18:49; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44794
 5; 3074.0; 24-SEP-2010 10:20:23; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;44794
 6; 4498.1; 24-SEP-2010 10:44:07; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44794
 7; 5077.4; 24-SEP-2010 10:53:46; Dark ; 61.0; 8; 10Alp CMi ; 0.40; 6500;occ; 122; 0;44794
 8; 5515.2; 24-SEP-2010 11:01:04; Dark ; 41.5; 132; 15Rho Pup ; 2.80; 6900;occ; 83; 0;44794
 9; 5696.9; 24-SEP-2010 11:04:06; Dark ; 30.0; 1; 9Alp CMA ; -1.44; 11000;occ; 60; 0;44794
10; 5794.3; 24-SEP-2010 11:05:43; Dark ; 51.0; 23; 21Eps CMA ; 1.50; 26000;occ; 102; 0;44794
11; 5926.1; 24-SEP-2010 11:07:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44794
12; 6053.3; 24-SEP-2010 11:10:02; Dark ; 43.0; 161; Tau Pup ; 2.93; 4500;occ; 86; 0;44795
13; 6198.6; 24-SEP-2010 11:12:27; Dark ; 55.0; 108; Alp Col ; 2.65; 15200;occ; 110; 0;44795
14; 6873.9; 24-SEP-2010 11:23:43; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44795
15; 7579.9; 24-SEP-2010 11:35:29; Dark ; 51.0; 52; 16Bet Cet ; 2.04; 4500;occ; 102; 0;44795
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 1; 2167.0; 24-SEP-2010 11:45:52; Bright; 37.0; 90; 54Alp Peg ; 2.49; 11000;occ; 74; 0;44795
 2; 2390.8; 24-SEP-2010 11:49:35; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;44795
 3; 2470.0; 24-SEP-2010 11:50:55; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;44795
 4; 2980.2; 24-SEP-2010 11:59:25; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44795
 5; 3073.6; 24-SEP-2010 12:00:58; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;44795
 6; 4498.1; 24-SEP-2010 12:24:43; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44795

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7; 5078.1; 24-SEP-2010 12:34:23; Dark ; 68.0; 8; 10Alp CMI ; 0.40; 6500;occ; 136; 0;44795
8; 5515.9; 24-SEP-2010 12:41:41; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44795
9; 5698.3; 24-SEP-2010 12:44:43; Dark ; 30.0; 1; 9Alp CMA ; -1.44; 11000;occ; 60; 0;44795
10; 5795.3; 24-SEP-2010 12:46:20; Dark ; 50.5; 23; 21Eps CMA ; 1.50; 26000;occ; 101; 0;44795
11; 5926.7; 24-SEP-2010 12:48:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44795
12; 6053.9; 24-SEP-2010 12:50:39; Dark ; 41.0; 161; Tau Pup ; 2.93; 4500;occ; 82; 0;44796
13; 6199.9; 24-SEP-2010 12:53:05; Dark ; 56.5; 108; Alp Col ; 2.65; 15200;occ; 113; 0;44796
14; 6874.8; 24-SEP-2010 13:04:19; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44796
15; 7580.2; 24-SEP-2010 13:16:05; Dark ; 54.5; 52; 16Bet Cet ; 2.04; 4500;occ; 109; 0;44796
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1; 1544.4; 24-SEP-2010 13:16:05; Dark ; 55.0; 52; 16Bet Cet ; 2.04; 4500;occ; 110; 0;44796
2; 2167.1; 24-SEP-2010 13:26:28; Bright; 36.5; 90; 54Alp Peg ; 2.49; 11000;occ; 73; 0;44796
3; 2980.0; 24-SEP-2010 13:40:00; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44796
4; 3073.1; 24-SEP-2010 13:41:34; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;44796
5; 4498.3; 24-SEP-2010 14:05:19; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44796
6; 5078.9; 24-SEP-2010 14:14:59; Dark ; 68.5; 8; 10Alp CMI ; 0.40; 6500;occ; 137; 0;44796
7; 5516.5; 24-SEP-2010 14:22:17; Dark ; 43.5; 132; 15Rho Pup ; 2.80; 6900;occ; 87; 0;44796
8; 5710.7; 24-SEP-2010 14:25:31; Dark ; 46.0; 88; 31Eta CMA ; 2.45; 20000;occ; 92; 0;44796
9; 5796.5; 24-SEP-2010 14:26:57; Dark ; 49.5; 23; 21Eps CMA ; 1.50; 26000;occ; 99; 0;44796
10; 5927.4; 24-SEP-2010 14:29:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44796
11; 6054.7; 24-SEP-2010 14:31:15; Dark ; 40.5; 161; Tau Pup ; 2.93; 4500;occ; 81; 0;44797
12; 6201.5; 24-SEP-2010 14:33:42; Dark ; 55.5; 108; Alp Col ; 2.65; 15200;occ; 111; 0;44797
13; 6875.8; 24-SEP-2010 14:44:56; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44797
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1; 1544.4; 24-SEP-2010 14:56:41; Dark ; 52.0; 52; 16Bet Cet ; 2.04; 4500;occ; 104; 0;44797
2; 2167.1; 24-SEP-2010 15:07:03; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;44797
3; 2979.8; 24-SEP-2010 15:20:36; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;44797
4; 3072.8; 24-SEP-2010 15:22:09; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;44797
5; 4498.5; 24-SEP-2010 15:45:55; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;44797
6; 5079.8; 24-SEP-2010 15:55:36; Dark ; 71.5; 8; 10Alp CMI ; 0.40; 6500;occ; 143; 0;44797
7; 5517.2; 24-SEP-2010 16:02:54; Dark ; 46.0; 132; 15Rho Pup ; 2.80; 6900;occ; 92; 0;44797
8; 5711.6; 24-SEP-2010 16:06:08; Dark ; 44.5; 88; 31Eta CMA ; 2.45; 20000;occ; 89; 0;44797
9; 5797.6; 24-SEP-2010 16:07:34; Dark ; 60.0; 23; 21Eps CMA ; 1.50; 26000;occ; 120; 0;44797
10; 5928.2; 24-SEP-2010 16:09:45; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44797
11; 6055.4; 24-SEP-2010 16:11:52; Dark ; 44.0; 161; Tau Pup ; 2.93; 4500;occ; 88; 0;44798
12; 6203.1; 24-SEP-2010 16:14:19; Dark ; 54.5; 108; Alp Col ; 2.65; 15200;occ; 109; 0;44798
13; 6876.6; 24-SEP-2010 16:25:33; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44798
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 4; 2974.6; 25-SEP-2010 16:29:30; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;44812
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 7; 5091.4; 25-SEP-2010 17:04:47; Dark ; 70.0; 8; 10Alp CMi ; 0.40; 6500;occ; 140; 0;44812
 8; 5527.3; 25-SEP-2010 17:12:02; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44812
 9; 5725.3; 25-SEP-2010 17:15:20; Dark ; 44.0; 88; 31Eta CMA ; 2.45; 20000;occ; 88; 0;44812
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13; 6224.4; 25-SEP-2010 17:23:40; Dark ; 55.0; 108; Alp Col ; 2.65; 15200;occ; 110; 0;44813
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13; 6226.0; 25-SEP-2010 19:04:17; Dark ; 54.0; 108; Alp Col ; 2.65; 15200;occ; 108; 0;44814
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 3; 2388.9; 25-SEP-2010 19:40:56; Bright; 37.0; 93; 53Bet Peg ; 2.52; 3100;occ; 74; 0;44814
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 5; 31.7; 25-SEP-2010 22:22:51; Dark ; 43.5; 161; Tau Pup ; 2.93; 4500;occ; 87; 0;44816
 6; 193.0; 25-SEP-2010 22:25:32; Dark ; 56.5; 108; Alp Col ; 2.65; 15200;occ; 113; 0;44816
 7; 855.5; 25-SEP-2010 22:36:35; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44816
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 9; 2205.5; 25-SEP-2010 22:59:05; Bright; 41.0; 140; 88Gam Peg ; 2.83; 26000;occ; 82; 0;44816

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4; 33.0; 26-SEP-2010 01:44:04; Dark ; 40.5; 161; Tau Pup ; 2.93; 4500;occ; 81; 0;44818
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4; 2685.6; 28-SEP-2010 21:32:13; Bright; 48.0; 53; 43Bet And ; 2.05; 3300;occ; 96; 0;44858
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3; 2446.7; 28-SEP-2010 16:26:26; Bright; 40.5; 58; 21Alp And ; 2.07; 11000;occ; 81; 0;44855
4; 2687.9; 28-SEP-2010 16:30:28; Bright; 52.0; 53; 43Bet And ; 2.05; 3300;occ; 104; 0;44855
5; 2961.3; 28-SEP-2010 16:35:01; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;44855
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9; 5558.0; 28-SEP-2010 17:18:18; Dark ; 44.0; 132; 15Rho Pup ; 2.80; 6900;occ; 88; 0;44855
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3; 2445.9; 28-SEP-2010 19:47:38; Bright; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;44857
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5; 2960.7; 28-SEP-2010 19:56:12; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;44857
6; 3045.9; 28-SEP-2010 19:57:38; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44857
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6; 257.3; 29-SEP-2010 00:12:57; Dark ; 46.0; 108; Alp Col ; 2.65; 15200;occ; 92; 0;44860
7; 890.8; 29-SEP-2010 00:23:30; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44860
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9; 2192.8; 29-SEP-2010 00:45:12; Bright; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;44860
10; 2444.8; 29-SEP-2010 00:49:24; Bright; 41.5; 58; 21Alp And ; 2.07; 11000;occ; 83; 0;44860
11; 2683.8; 29-SEP-2010 00:53:23; Bright; 47.5; 53; 43Bet And ; 2.05; 3300;occ; 95; 0;44860
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13; 3044.8; 29-SEP-2010 00:59:24; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44860
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 13; 2959.4; 29-SEP-2010 02:38:35; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44861  
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 13; 2444.4; 29-SEP-2010 04:10:36; Bright; 40.5; 58; 21Alp And ; 2.07; 11000;occ; 81; 0;44862  
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 15; 2959.3; 29-SEP-2010 04:19:10; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;44862  
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3; 2681.0; 29-SEP-2010 07:35:44; Bright; 47.5; 53; 43Bet And ; 2.05; 3300;occ; 95; 0;44864
4; 2958.7; 29-SEP-2010 07:40:22; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;44864
5; 3043.1; 29-SEP-2010 07:41:46; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;44864
6; 4594.0; 29-SEP-2010 08:07:37; Bright; 56.0; 17; 78Bet Gem ; 1.16; 4500;occ; 112; 0;44864
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9; 5775.1; 29-SEP-2010 08:27:18; Dark ; 48.0; 88; 31Eta CMA ; 2.45; 20000;occ; 96; 0;44864
10; 5873.9; 29-SEP-2010 08:28:57; Dark ; 57.0; 23; 21Eps CMA ; 1.50; 26000;occ; 114; 0;44864
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13; 6186.5; 29-SEP-2010 08:34:10; Dark ; 58.5; 2; Alp Car ; -0.74; 7000;occ; 117; 0;44865
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15; 6930.8; 29-SEP-2010 08:46:34; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44865
16; 7589.6; 29-SEP-2010 08:57:33; Dark ; 52.5; 52; 16Bet Cet ; 2.04; 4500;occ; 105; 0;44865
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3; 2680.0; 29-SEP-2010 09:16:19; Bright; 49.5; 53; 43Bet And ; 2.05; 3300;occ; 99; 0;44865
4; 2958.6; 29-SEP-2010 09:20:58; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44865
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6; 4594.3; 29-SEP-2010 09:48:13; Bright; 57.0; 17; 78Bet Gem ; 1.16; 4500;occ; 114; 0;44865
7; 5137.3; 29-SEP-2010 09:57:16; Dark ; 36.0; 8; 10Alp CMi ; 0.40; 6500;occ; 72; 0;44865
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5; 3042.2; 29-SEP-2010 11:02:57; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;44866
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6; 3041.8; 29-SEP-2010 12:43:33; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;44867
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13; 6189.5; 29-SEP-2010 15:16:36; Dark ; 45.0; 2; Alp Car ; -0.74; 7000;occ; 90; 0;44869
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13; 3038.9; 30-SEP-2010 00:27:41; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;44874
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15; 5786.3; 30-SEP-2010 02:54:04; Dark ; 48.0; 88; 31Eta CMA ; 2.45; 20000;occ; 96; 0;44875
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17; 5982.2; 30-SEP-2010 02:57:20; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44875
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19; 6317.0; 30-SEP-2010 03:02:55; Dark ; 26.0; 108; Alp Col ; 2.65; 15200;occ; 52; 0;44876
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21; 7591.1; 30-SEP-2010 03:24:09; Dark ; 49.0; 52; 16Bet Cet ; 2.04; 4500;occ; 98; 0;44876
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4; 5574.0; 30-SEP-2010 04:31:08; Dark ; 44.5; 132; 15Rho Pup ; 2.80; 6900;occ; 89; 0;44876
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8; 6318.9; 30-SEP-2010 04:43:33; Dark ; 26.0; 108; Alp Col ; 2.65; 15200;occ; 52; 0;44877
9; 6939.9; 30-SEP-2010 04:53:54; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44877
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7; 904.6; 30-SEP-2010 06:34:30; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44878
8; 1555.6; 30-SEP-2010 06:45:21; Dark ; 52.0; 52; 16Bet Cet ; 2.04; 4500;occ; 104; 0;44878
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5; 2952.7; 30-SEP-2010 20:33:26; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44886
6; 3033.8; 30-SEP-2010 20:34:47; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;44886
7; 4511.6; 30-SEP-2010 20:59:25; Bright; 46.0; 24; 66Alp Gem ; 1.58; 10200;occ; 92; 0;44886
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6; 297.6; 30-SEP-2010 21:29:47; Dark ; 58.0; 108; Alp Col ; 2.65; 15200;occ; 116; 0;44887
7; 911.4; 30-SEP-2010 21:40:01; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44887
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9; 2186.4; 30-SEP-2010 22:01:16; Bright; 39.5; 140; 88Gam Peg ; 2.83; 26000;occ; 79; 0;44887
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6; 912.0; 30-SEP-2010 23:20:37; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44888
7; 1556.5; 30-SEP-2010 23:31:22; Dark ; 56.0; 52; 16Bet Cet ; 2.04; 4500;occ; 112; 0;44888
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13; 4511.8; 01-OCT-2010 00:20:37; Bright; 39.0; 24; 66Alp Gem ; 1.58; 10200;occ; 78; 0;44888
14; 4600.1; 01-OCT-2010 00:22:05; Bright; 77.0; 17; 78Bet Gem ; 1.16; 4500;occ; 154; 0;44888
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3; -229.7; 30-SEP-2010 07:56:12; Dark ; 44.0; 70; Zet Pup ; 2.25; 39000;occ; 88; 0;44878
4; -131.7; 30-SEP-2010 07:57:50; Dark ; 48.0; 117; Pi Pup ; 2.71; 3800;occ; 96; 0;44878
5; -51.5; 30-SEP-2010 07:59:10; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44878
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3; 906.2; 30-SEP-2010 09:55:44; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44880
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4; 2667.4; 30-SEP-2010 13:46:17; Bright; 50.0; 53; 43Bet And ; 2.05; 3300;occ; 100; 0;44882
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6; 3034.9; 30-SEP-2010 17:13:36; Bright; 39.5; 76; 27Gam Cas ; 2.30; 30000;occ; 79; 0;44884
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14; 6330.7; 30-SEP-2010 18:08:32; Dark ; 55.5; 108; Alp Col ; 2.65; 15200;occ; 111; 0;44885
15; 6945.8; 30-SEP-2010 18:18:47; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44885
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20100930_182934_000054392093_00242_44885_2578.N1
1; 1556.4; 30-SEP-2010 18:29:34; Dark ; 50.5; 52; 16Bet Cet ; 2.04; 4500;occ; 101; 0;44885
2; 2186.8; 30-SEP-2010 18:40:04; Bright; 40.5; 140; 88Gam Peg ; 2.83; 26000;occ; 81; 0;44885
3; 2437.0; 30-SEP-2010 18:44:14; Bright; 39.0; 58; 21Alp And ; 2.07; 11000;occ; 78; 0;44885
4; 2665.2; 30-SEP-2010 18:48:03; Bright; 47.5; 53; 43Bet And ; 2.05; 3300;occ; 95; 0;44885
5; 2952.9; 30-SEP-2010 18:52:50; Bright; 39.0; 74; 11Bet Cas ; 2.27; 6600;occ; 78; 0;44885

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6;	3034.3;	30-SEP-2010	18:54:12;	Bright;	40.5;	76;	27Gam Cas	;	2.30;	30000;occ;	81;	0;44885	
7;	4511.6;	30-SEP-2010	19:18:49;	Bright;	53.0;	24;	66Alp Gem	;	1.58;	10200;occ;	106;	0;44885	
8;	4599.5;	30-SEP-2010	19:20:17;	Bright;	62.5;	17;	78Bet Gem	;	1.16;	4500;occ;	125;	0;44885	
9;	5156.9;	30-SEP-2010	19:29:34;	Dark	;	54.0;	8;	10Alp CMi	;	0.40;	6500;occ;	108;	0;44885
10;	5581.2;	30-SEP-2010	19:36:39;	Dark	;	48.0;	132;	15Rho Pup	;	2.80;	6900;occ;	96;	0;44885
11;	5827.5;	30-SEP-2010	19:40:45;	Dark	;	62.5;	37;	25Del CMa	;	1.83;	5900;occ;	125;	0;44885
12;	5989.6;	30-SEP-2010	19:43:27;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;44885
13;	6202.1;	30-SEP-2010	19:46:59;	Dark	;	56.0;	2;	Alp Car	;	-0.74;	7000;occ;	112;	0;44886
14;	6331.9;	30-SEP-2010	19:49:09;	Dark	;	59.0;	108;	Alp Col	;	2.65;	15200;occ;	118;	0;44886
15;	6946.5;	30-SEP-2010	19:59:24;	Dark	;	49.5;	157;	The1Eri	;	2.91;	9300;occ;	99;	0;44886