

# GOMOS Daily Report 21-AUG-2011

## 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	24AUG2011 07:05:12
Data source version	GOMOS/6.01
Start time of products	21AUG2011 00:02:03
Stop time of products	21AUG2011 23:58:09
Store outputs in DB	Yes
Nb of level 1b prods	333
Nb of prods with errors	3

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

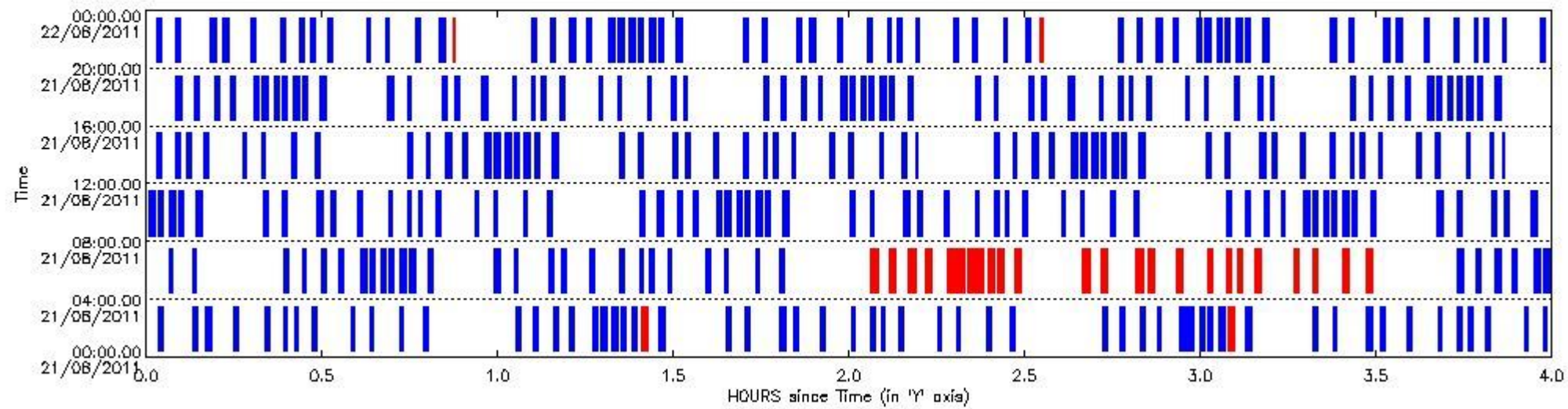
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
21-AUG-2011 01:24:34	11AlpLep	101	49542
21-AUG-2011 03:04:49	11AlpLep	101	49543
21-AUG-2011 06:03:46	13AlpAur	6	49545
21-AUG-2011 06:06:55	37TheAur	107	49545
21-AUG-2011 06:10:12	12BetTau	28	49545
21-AUG-2011 06:13:06	24GamGem	44	49545
21-AUG-2011 06:16:54	58AlpOri	14	49545
21-AUG-2011 06:18:24	24GamOri	27	49545
21-AUG-2011 06:20:22	46EpsOri	30	49545
21-AUG-2011 06:21:50	44IotOri	125	49545
21-AUG-2011 06:23:39	19BetOri	7	49545
21-AUG-2011 06:25:19	11AlpLep	101	49545
21-AUG-2011 06:28:20	DSA1062	0	49545
21-AUG-2011 06:39:46	The1Eri	157	49546
21-AUG-2011 06:43:07	AlpEri	9	49546

21-AUG-2011 06:48:59	AlpPhe	84	49546
21-AUG-2011 06:51:12	BetGru	63	49546
21-AUG-2011 06:55:54	24AlpPsA	18	49546
21-AUG-2011 07:01:09	49DelCap	142	49546
21-AUG-2011 07:04:27	22BetAqr	154	49546
21-AUG-2011 07:06:13	34AlpAqr	162	49546
21-AUG-2011 07:09:17	8EpsPeg	61	49546
21-AUG-2011 07:15:54	53EpsCyg	92	49546
21-AUG-2011 07:19:06	50AlpCyg	19	49546
21-AUG-2011 07:24:18	5AlpCep	89	49546
21-AUG-2011 07:28:20	11BetCas	74	49546
21-AUG-2011 20:52:18	27GamCas	76	49554
21-AUG-2011 22:32:32	27GamCas	76	49555

#### 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_1PNPDE20110821_000203_000000463105_00390_49542_7088.N1	21-AUG-2011 00:02:03	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49542	No
2	GOM_TRA_1PNPDE20110821_000756_000000533105_00390_49542_7089.N1	21-AUG-2011 00:07:56	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49542	No
3	GOM_TRA_1PNPDE20110821_001010_000000573105_00390_49542_7090.N1	21-AUG-2011 00:10:10	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	49542	No
4	GOM_TRA_1PNPDE20110821_001452_000000533105_00390_49542_7091.N1	21-AUG-2011 00:14:52	Twilight_and_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	49542	No
5	GOM_TRA_1PNPDE20110821_002008_000000493105_00390_49542_7092.N1	21-AUG-2011 00:20:08	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	49542	No
6	GOM_TRA_1PNPDE20110821_002326_000000403105_00390_49542_7093.N1	21-AUG-2011 00:23:26	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	49542	No
7	GOM_TRA_1PNPDE20110821_002513_000000453105_00390_49542_7094.N1	21-AUG-2011 00:25:13	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49542	No
8	GOM_TRA_1PNPDE20110821_002818_000000413105_00390_49542_7095.N1	21-AUG-2011 00:28:18	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	49542	No
9	GOM_TRA_1PNPDE20110821_003454_000000393105_00390_49542_7096.N1	21-AUG-2011 00:34:54	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49542	No
10	GOM_TRA_1PNPDE20110821_003806_000000373105_00390_49542_7097.N1	21-AUG-2011 00:38:06	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	49542	No
11	GOM_TRA_1PNPDE20110821_004319_000000383105_00390_49542_7098.N1	21-AUG-2011 00:43:19	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49542	No
12	GOM_TRA_1PNPDE20110821_004722_000000433105_00390_49542_7099.N1	21-AUG-2011 00:47:22	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	49542	No
13	GOM_TRA_1PNPDE20110821_010300_000000543105_00390_49542_7100.N1	21-AUG-2011 01:03:00	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	49542	No
14	GOM_TRA_1PNPDE20110821_010608_000000513105_00390_49542_7101.N1	21-AUG-2011 01:06:08	Bright	50.500	107	37The Aur	2.6490	11000.	101	49542	No
15	GOM_TRA_1PNPDE20110821_010925_000000543105_00390_49542_7102.N1	21-AUG-2011 01:09:25	Twilight_and_stray	53.500	28	12Bet Tau	1.6500	15200.	107	49542	No
16	GOM_TRA_1PNPDE20110821_011219_000000473105_00390_49542_7103.N1	21-AUG-2011 01:12:19	Twilight_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	49542	No
17	GOM_TRA_1PNPDE20110821_011606_000000553105_00390_49542_7104.N1	21-AUG-2011 01:16:06	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	49542	No
18	GOM_TRA_1PNPDE20110821_011735_000000593105_00390_49542_7105.N1	21-AUG-2011 01:17:35	Dark	59.000	27	24Gam Ori	1.6360	26000.	118	49542	No
19	GOM_TRA_1PNPDE20110821_011933_000000563105_00390_49542_7106.N1	21-AUG-2011 01:19:33	Dark	56.000	30	46Eps Ori	1.6940	30000.	112	49542	No
20	GOM_TRA_1PNPDE20110821_012101_000000493105_00390_49542_7127.N1	21-AUG-2011 01:21:01	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	49542	No
21	GOM_TRA_1PNPDE20110821_012250_000000603105_00390_49542_7128.N1	21-AUG-2011 01:22:50	Dark	60.000	7	19Bet Ori	0.10000	14000.	120	49542	No
22	GOM_TRA_1PNPDE20110821_013856_000000543105_00391_49543_7129.N1	21-AUG-2011 01:38:56	Dark	53.500	157	The1Eri	2.9060	9300.0	107	49543	No
23	GOM_TRA_1PNPDE20110821_014218_000000463105_00391_49543_7130.N1	21-AUG-2011 01:42:18	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49543	No
24	GOM_TRA_1PNPDE20110821_014810_000000583105_00391_49543_7131.N1	21-AUG-2011 01:48:10	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	49543	No
25	GOM_TRA_1PNPDE20110821_015024_000000573105_00391_49543_7132.N1	21-AUG-2011 01:50:24	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	49543	No
26	GOM_TRA_1PNPDE20110821_015507_000000543105_00391_49543_7133.N1	21-AUG-2011 01:55:07	Twilight_and_stray	53.500	18	24Alp PsA	1.1660	9700.0	107	49543	No
27	GOM_TRA_1PNPDE20110821_020023_000000423105_00391_49543_7134.N1	21-AUG-2011 02:00:23	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	49543	No
28	GOM_TRA_1PNPDE20110821_020340_000000413105_00391_49543_7135.N1	21-AUG-2011 02:03:40	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49543	No
29	GOM_TRA_1PNPDE20110821_020526_000000453105_00391_49543_7136.N1	21-AUG-2011 02:05:26	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49543	No
30	GOM_TRA_1PNPDE20110821_020832_000000413105_00391_49543_7137.N1	21-AUG-2011 02:08:32	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49543	No
31	GOM_TRA_1PNPDE20110821_021508_000000393105_00391_49543_7138.N1	21-AUG-2011 02:15:08	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49543	No
32	GOM_TRA_1PNPDE20110821_021820_000000383105_00391_49543_7139.N1	21-AUG-2011 02:18:20	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49543	No
33	GOM_TRA_1PNPDE20110821_022332_000000383105_00391_49543_7140.N1	21-AUG-2011 02:23:32	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49543	No
34	GOM_TRA_1PNPDE20110821_022735_000000493105_00391_49543_7141.N1	21-AUG-2011 02:27:35	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	49543	No
35	GOM_TRA_1PNPDE20110821_024314_000000523105_00391_49543_7142.N1	21-AUG-2011 02:43:14	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	49543	No
36	GOM_TRA_1PNPDE20110821_024623_000000413105_00391_49543_7143.N1	21-AUG-2011 02:46:23	Bright	41.000	107	37The Aur	2.6490	11000.	82	49543	No
37	GOM_TRA_1PNPDE20110821_024939_000000573105_00391_49543_7144.N1	21-AUG-2011 02:49:39	Twilight_and_stray	57.000	28	12Bet Tau	1.6500	15200.	114	49543	No
38	GOM_TRA_1PNPDE20110821_025233_000000453105_00391_49543_7145.N1	21-AUG-2011 02:52:33	Twilight_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	49543	No
39	GOM_TRA_1PNPDE20110821_025620_000000653105_00391_49543_7146.N1	21-AUG-2011 02:56:20	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	49543	No
40	GOM_TRA_1PNPDE20110821_025750_000000563105_00391_49543_7147.N1	21-AUG-2011 02:57:50	Dark	56.000	27	24Gam Ori	1.6360	26000.	112	49543	No
41	GOM_TRA_1PNPDE20110821_025948_000000543105_00391_49543_7148.N1	21-AUG-2011 02:59:48	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	49543	No

42	GOM_TRA_1PNPDE20110821_030116_000000493105_00391_49543_7149.N1	21-AUG-2011 03:01:16	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49543	No
43	GOM_TRA_1PNPDE20110821_030305_000000633105_00391_49543_7150.N1	21-AUG-2011 03:03:05	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	49543	No
44	GOM_TRA_1PNPDE20110821_031911_000000523105_00392_49544_7151.N1	21-AUG-2011 03:19:11	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49544	No
45	GOM_TRA_1PNPDE20110821_032233_000000453105_00392_49544_7152.N1	21-AUG-2011 03:22:33	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49544	No
46	GOM_TRA_1PNPDE20110821_032825_000000523105_00392_49544_7153.N1	21-AUG-2011 03:28:25	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49544	No
47	GOM_TRA_1PNPDE20110821_033039_000000483105_00392_49544_7154.N1	21-AUG-2011 03:30:39	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	49544	No
48	GOM_TRA_1PNPDE20110821_033521_000000523105_00392_49544_7155.N1	21-AUG-2011 03:35:21	Twilight_and_stray	51.500	18	24Alp PsA	1.1660	9700.0	103	49544	No
49	GOM_TRA_1PNPDE20110821_034037_000000413105_00392_49544_7156.N1	21-AUG-2011 03:40:37	Bright	40.500	142	49Del Cap	2.8500	8900.0	81	49544	No
50	GOM_TRA_1PNPDE20110821_034354_000000413105_00392_49544_7157.N1	21-AUG-2011 03:43:54	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49544	No
51	GOM_TRA_1PNPDE20110821_034541_000000453105_00392_49544_7158.N1	21-AUG-2011 03:45:41	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	49544	No
52	GOM_TRA_1PNPDE20110821_034845_000000423105_00392_49544_7159.N1	21-AUG-2011 03:48:45	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49544	No
53	GOM_TRA_1PNPDE20110821_035522_000000383105_00392_49544_7160.N1	21-AUG-2011 03:55:22	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49544	No
54	GOM_TRA_1PNPDE20110821_035834_000000383105_00392_49544_7161.N1	21-AUG-2011 03:58:34	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49544	No
55	GOM_TRA_1PNPDE20110821_040346_000000393105_00392_49544_7162.N1	21-AUG-2011 04:03:46	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49544	No
56	GOM_TRA_1PNPDE20110821_040749_000000463105_00392_49544_7163.N1	21-AUG-2011 04:07:49	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	49544	No
57	GOM_TRA_1PNPDE20110821_042328_000000513105_00392_49544_7171.N1	21-AUG-2011 04:23:28	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	49544	No
58	GOM_TRA_1PNPDE20110821_042637_000000413105_00392_49544_7172.N1	21-AUG-2011 04:26:37	Bright	40.500	107	37The Aur	2.6490	11000.	81	49544	No
59	GOM_TRA_1PNPDE20110821_042953_000000553105_00392_49544_7173.N1	21-AUG-2011 04:29:53	Twilight_and_stray	55.000	28	12Bet Tau	1.6500	15200.	110	49544	No
60	GOM_TRA_1PNPDE20110821_043248_000000473105_00392_49544_7174.N1	21-AUG-2011 04:32:48	Twilight_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	49544	No
61	GOM_TRA_1PNPDE20110821_043635_000000603105_00392_49544_7175.N1	21-AUG-2011 04:36:35	Dark	59.500	14	58Alp Ori	0.87000	3000.0	119	49544	No
62	GOM_TRA_1PNPDE20110821_043805_000000583105_00392_49544_7176.N1	21-AUG-2011 04:38:05	Dark	57.500	27	24Gam Ori	1.6360	26000.	115	49544	No
63	GOM_TRA_1PNPDE20110821_044003_000000553105_00392_49544_7177.N1	21-AUG-2011 04:40:03	Dark	55.000	30	46Eps Ori	1.6940	30000.	110	49544	No
64	GOM_TRA_1PNPDE20110821_044131_000000503105_00392_49544_7178.N1	21-AUG-2011 04:41:31	Dark	50.000	125	44Iot Ori	2.7700	30000.	100	49544	No
65	GOM_TRA_1PNPDE20110821_044320_000000623105_00392_49544_7179.N1	21-AUG-2011 04:43:20	Dark	62.000	7	19Bet Ori	0.10000	14000.	124	49544	No
66	GOM_TRA_1PNPDE20110821_044500_000000523105_00392_49544_7180.N1	21-AUG-2011 04:45:00	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	49544	No
67	GOM_TRA_1PNPDE20110821_045926_000000523105_00393_49545_7181.N1	21-AUG-2011 04:59:26	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49545	No
68	GOM_TRA_1PNPDE20110821_050247_000000443105_00393_49545_7182.N1	21-AUG-2011 05:02:47	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49545	No
69	GOM_TRA_1PNPDE20110821_050840_000000513105_00393_49545_7183.N1	21-AUG-2011 05:08:40	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	49545	No
70	GOM_TRA_1PNPDE20110821_051053_000000453105_00393_49545_7184.N1	21-AUG-2011 05:10:53	Straylight	45.000	63	Bet Gru	2.1500	2800.0	90	49545	No
71	GOM_TRA_1PNPDE20110821_051536_000000523105_00393_49545_7185.N1	21-AUG-2011 05:15:36	Twilight_and_stray	51.500	18	24Alp PsA	1.1660	9700.0	103	49545	No
72	GOM_TRA_1PNPDE20110821_052051_000000463105_00393_49545_7186.N1	21-AUG-2011 05:20:51	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	49545	No
73	GOM_TRA_1PNPDE20110821_052408_000000413105_00393_49545_7187.N1	21-AUG-2011 05:24:08	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49545	No
74	GOM_TRA_1PNPDE20110821_052554_000000453105_00393_49545_7188.N1	21-AUG-2011 05:25:54	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	49545	No
75	GOM_TRA_1PNPDE20110821_052859_000000433105_00393_49545_7189.N1	21-AUG-2011 05:28:59	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	49545	No
76	GOM_TRA_1PNPDE20110821_053536_000000363105_00393_49545_7190.N1	21-AUG-2011 05:35:36	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	49545	No
77	GOM_TRA_1PNPDE20110821_053848_000000373105_00393_49545_7191.N1	21-AUG-2011 05:38:48	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	49545	No
78	GOM_TRA_1PNPDE20110821_054400_000000373105_00393_49545_7192.N1	21-AUG-2011 05:44:00	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	49545	No
79	GOM_TRA_1PNPDE20110821_054802_000000483105_00393_49545_7193.N1	21-AUG-2011 05:48:02	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	49545	No
80	GOM_TRA_1PNPDE20110821_060342_000000523105_00393_49545_7212.N1	21-AUG-2011 06:03:42	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	49545	No
81	GOM_TRA_1PNPDE20110821_060651_000000403105_00393_49545_7213.N1	21-AUG-2011 06:06:51	Bright	40.000	107	37The Aur	2.6490	11000.	80	49545	No
82	GOM_TRA_1PNPDE20110821_061007_000000543105_00393_49545_7214.N1	21-AUG-2011 06:10:07	Twilight_and_stray	54.000	28	12Bet Tau	1.6500	15200.	108	49545	No
83	GOM_TRA_1PNPDE20110821_061302_000000443105_00393_49545_7215.N1	21-AUG-2011 06:13:02	Twilight_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	49545	No
84	GOM_TRA_1PNPDE20110821_061650_000000583105_00393_49545_7216.N1	21-AUG-2011 06:16:50	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	49545	No
85	GOM_TRA_1PNPDE20110821_061820_000000583105_00393_49545_7217.N1	21-AUG-2011 06:18:20	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	49545	No
86	GOM_TRA_1PNPDE20110821_062017_000000543105_00393_49545_7218.N1	21-AUG-2011 06:20:17	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	49545	No
87	GOM_TRA_1PNPDE20110821_062146_000000503105_00393_49545_7219.N1	21-AUG-2011 06:21:46	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	49545	No
88	GOM_TRA_1PNPDE20110821_062335_000000593105_00393_49545_7220.N1	21-AUG-2011 06:23:35	Dark	58.500	7	19Bet Ori	0.10000	14000.	117	49545	No
89	GOM_TRA_1PNPDE20110821_062515_000000513105_00393_49545_7221.N1	21-AUG-2011 06:25:15	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	49545	No
90	GOM_TRA_1PNPDE20110821_063942_000000523105_00394_49546_7222.N1	21-AUG-2011 06:39:42	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49546	No
91	GOM_TRA_1PNPDE20110821_064302_000000483105_00394_49546_7223.N1	21-AUG-2011 06:43:02	Dark	48.000	9	Alp Eri	0.45300	24000.	96	49546	No
92	GOM_TRA_1PNPDE20110821_064855_000000593105_00394_49546_7224.N1	21-AUG-2011 06:48:55	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	49546	No
93	GOM_TRA_1PNPDE20110821_065107_000000563105_00394_49546_7225.N1	21-AUG-2011 06:51:07	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	49546	No
94	GOM_TRA_1PNPDE20110821_065550_000000503105_00394_49546_7226.N1	21-AUG-2011 06:55:50	Twilight_and_stray	49.500	18	24Alp PsA	1.1660	9700.0	99	49546	No
95	GOM_TRA_1PNPDE20110821_070105_000000433105_00394_49546_7227.N1	21-AUG-2011 07:01:05	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49546	No
96	GOM_TRA_1PNPDE20110821_070422_000000413105_00394_49546_7228.N1	21-AUG-2011 07:04:22	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49546	No
97	GOM_TRA_1PNPDE20110821_070608_000000453105_00394_49546_7229.N1	21-AUG-2011 07:06:08	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	49546	No
98	GOM_TRA_1PNPDE20110821_070913_000000413105_00394_49546_7230.N1	21-AUG-2011 07:09:13	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49546	No
99	GOM_TRA_1PNPDE20110821_071550_000000353105_00394_49546_7231.N1	21-AUG-2011 07:15:50	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	49546	No
100	GOM_TRA_1PNPDE20110821_071902_000000383105_00394_49546_7232.N1	21-AUG-2011 07:19:02	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	49546	No



101	GOM_TRA_1PNPDE20110821_072414_000000383105_00394_49546_7233.N1	21-AUG-2011 07:24:14	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49546	No
102	GOM_TRA_1PNPDE20110821_072815_000000473105_00394_49546_7234.N1	21-AUG-2011 07:28:15	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	49546	No
103	GOM_TRA_1PNPDK20110821_074355_000000533105_00394_49546_3950.N1	21-AUG-2011 07:43:55	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	49546	No
104	GOM_TRA_1PNPDK20110821_074705_000000543105_00394_49546_3951.N1	21-AUG-2011 07:47:05	Bright	53.500	107	37The Aur	2.6490	11000.	107	49546	No
105	GOM_TRA_1PNPDK20110821_075021_000000553105_00394_49546_3952.N1	21-AUG-2011 07:50:21	Tw_i_and_stray	54.500	28	12Bet Tau	1.6500	15200.	109	49546	No
106	GOM_TRA_1PNPDK20110821_075316_000000413105_00394_49546_3953.N1	21-AUG-2011 07:53:16	Tw_i_and_stray	40.500	44	24Gam Gem	1.9280	11000.	81	49546	No
107	GOM_TRA_1PNPDK20110821_075704_000000523105_00394_49546_3954.N1	21-AUG-2011 07:57:04	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	49546	No
108	GOM_TRA_1PNPDK20110821_075835_000000593105_00394_49546_3955.N1	21-AUG-2011 07:58:35	Dark	58.500	27	24Gam Ori	1.6360	26000.	117	49546	No
109	GOM_TRA_1PNPDK20110821_080032_000000573105_00394_49546_3956.N1	21-AUG-2011 08:00:32	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	49546	No
110	GOM_TRA_1PNPDK20110821_080201_000000513105_00394_49546_3957.N1	21-AUG-2011 08:02:01	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	49546	No
111	GOM_TRA_1PNPDK20110821_080350_000000633105_00394_49546_3958.N1	21-AUG-2011 08:03:50	Dark	62.500	7	19Bet Ori	0.10000	14000.	125	49546	No
112	GOM_TRA_1PNPDK20110821_080529_000000523105_00394_49546_3959.N1	21-AUG-2011 08:05:29	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	49546	No
113	GOM_TRA_1PNPDK20110821_081957_000000533105_00395_49547_3960.N1	21-AUG-2011 08:19:57	Dark	52.500	157	The1Eri	2.9060	9300.0	105	49547	No
114	GOM_TRA_1PNPDK20110821_082317_000000443105_00395_49547_3961.N1	21-AUG-2011 08:23:17	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49547	No
115	GOM_TRA_1PNPDK20110821_082909_000000553105_00395_49547_3962.N1	21-AUG-2011 08:29:09	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49547	No
116	GOM_TRA_1PNPDK20110821_083122_000000503105_00395_49547_3963.N1	21-AUG-2011 08:31:22	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	49547	No
117	GOM_TRA_1PNPDK20110821_083604_000000503105_00395_49547_3964.N1	21-AUG-2011 08:36:04	Tw_i_and_stray	50.000	18	24Alp PsA	1.1660	9700.0	100	49547	No
118	GOM_TRA_1PNPDK20110821_084119_000000423105_00395_49547_3998.N1	21-AUG-2011 08:41:19	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	49547	Yes
119	GOM_TRA_1PNPDK20110821_084436_000000403105_00395_49547_3999.N1	21-AUG-2011 08:44:36	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	49547	No
120	GOM_TRA_1PNPDK20110821_084622_000000453105_00395_49547_4000.N1	21-AUG-2011 08:46:22	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49547	No
121	GOM_TRA_1PNPDK20110821_084927_000000423105_00395_49547_4001.N1	21-AUG-2011 08:49:27	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	49547	No
122	GOM_TRA_1PNPDK20110821_085604_000000393105_00395_49547_4002.N1	21-AUG-2011 08:56:04	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49547	No
123	GOM_TRA_1PNPDK20110821_085915_000000383105_00395_49547_4003.N1	21-AUG-2011 08:59:15	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49547	No
124	GOM_TRA_1PNPDK20110821_090428_000000383105_00395_49547_4004.N1	21-AUG-2011 09:04:28	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49547	No
125	GOM_TRA_1PNPDK20110821_090829_000000473105_00395_49547_4005.N1	21-AUG-2011 09:08:29	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	49547	No
126	GOM_TRA_1PNPDK20110821_092409_000000483105_00395_49547_4006.N1	21-AUG-2011 09:24:09	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	49547	No
127	GOM_TRA_1PNPDK20110821_092719_000000593105_00395_49547_4007.N1	21-AUG-2011 09:27:19	Bright	59.000	107	37The Aur	2.6490	11000.	118	49547	No
128	GOM_TRA_1PNPDK20110821_093036_000000553105_00395_49547_4008.N1	21-AUG-2011 09:30:36	Tw_i_and_stray	55.000	28	12Bet Tau	1.6500	15200.	110	49547	No
129	GOM_TRA_1PNPDK20110821_093330_000000393105_00395_49547_4009.N1	21-AUG-2011 09:33:30	Tw_i_and_stray	39.000	44	24Gam Gem	1.9280	11000.	78	49547	No
130	GOM_TRA_1PNPDK20110821_093719_000000583105_00395_49547_4010.N1	21-AUG-2011 09:37:19	Dark	57.500	14	58Alp Ori	0.87000	3000.0	115	49547	No
131	GOM_TRA_1PNPDK20110821_093849_000000583105_00395_49547_4011.N1	21-AUG-2011 09:38:49	Dark	57.500	27	24Gam Ori	1.6360	26000.	115	49547	No
132	GOM_TRA_1PNPDK20110821_094047_000000573105_00395_49547_4012.N1	21-AUG-2011 09:40:47	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	49547	No
133	GOM_TRA_1PNPDK20110821_094215_000000503105_00395_49547_4013.N1	21-AUG-2011 09:42:15	Dark	50.000	125	44Iot Ori	2.7700	30000.	100	49547	No
134	GOM_TRA_1PNPDK20110821_094405_000000613105_00395_49547_4014.N1	21-AUG-2011 09:44:05	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	49547	No
135	GOM_TRA_1PNPDK20110821_094544_000000503105_00395_49547_4015.N1	21-AUG-2011 09:45:44	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	49547	No
136	GOM_TRA_1PNPDK20110821_100012_000000533105_00396_49548_4016.N1	21-AUG-2011 10:00:12	Dark	52.500	157	The1Eri	2.9060	9300.0	105	49548	No
137	GOM_TRA_1PNPDK20110821_100331_000000453105_00396_49548_4017.N1	21-AUG-2011 10:03:31	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49548	No
138	GOM_TRA_1PNPDK20110821_100924_000000513105_00396_49548_4018.N1	21-AUG-2011 10:09:24	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	49548	No
139	GOM_TRA_1PNPDK20110821_101136_000000513105_00396_49548_4019.N1	21-AUG-2011 10:11:36	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	49548	No
140	GOM_TRA_1PNPDK20110821_101619_000000523105_00396_49548_4020.N1	21-AUG-2011 10:16:19	Tw_i_and_stray	52.000	18	24Alp PsA	1.1660	9700.0	104	49548	No
141	GOM_TRA_1PNPDK20110821_102133_000000433105_00396_49548_4021.N1	21-AUG-2011 10:21:33	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	49548	No
142	GOM_TRA_1PNPDK20110821_102450_000000413105_00396_49548_4038.N1	21-AUG-2011 10:24:50	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49548	No
143	GOM_TRA_1PNPDK20110821_102636_000000453105_00396_49548_4039.N1	21-AUG-2011 10:26:36	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	49548	No
144	GOM_TRA_1PNPDK20110821_102941_000000413105_00396_49548_4040.N1	21-AUG-2011 10:29:41	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49548	No
145	GOM_TRA_1PNPDK20110821_103618_000000383105_00396_49548_4041.N1	21-AUG-2011 10:36:18	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49548	No
146	GOM_TRA_1PNPDK20110821_103929_000000363105_00396_49548_4042.N1	21-AUG-2011 10:39:29	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	49548	No
147	GOM_TRA_1PNPDK20110821_104441_000000393105_00396_49548_4043.N1	21-AUG-2011 10:44:41	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49548	No
148	GOM_TRA_1PNPDK20110821_104842_000000483105_00396_49548_4044.N1	21-AUG-2011 10:48:42	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	49548	No
149	GOM_TRA_1PNPDK20110821_110423_000000513105_00396_49548_4045.N1	21-AUG-2011 11:04:23	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	49548	No
150	GOM_TRA_1PNPDK20110821_110733_000000583105_00396_49548_4046.N1	21-AUG-2011 11:07:33	Bright	58.000	107	37The Aur	2.6490	11000.	116	49548	No
151	GOM_TRA_1PNPDK20110821_111050_000000543105_00396_49548_4047.N1	21-AUG-2011 11:10:50	Tw_i_and_stray	53.500	28	12Bet Tau	1.6500	15200.	107	49548	No
152	GOM_TRA_1PNPDK20110821_111345_000000393105_00396_49548_4048.N1	21-AUG-2011 11:13:45	Tw_i_and_stray	38.500	44	24Gam Gem	1.9280	11000.	77	49548	No
153	GOM_TRA_1PNPDK20110821_111733_000000643105_00396_49548_4049.N1	21-AUG-2011 11:17:33	Dark	64.000	14	58Alp Ori	0.87000	3000.0	128	49548	No
154	GOM_TRA_1PNPDK20110821_111904_000000603105_00396_49548_4050.N1	21-AUG-2011 11:19:04	Dark	60.000	27	24Gam Ori	1.6360	26000.	120	49548	No
155	GOM_TRA_1PNPDK20110821_112102_000000563105_00396_49548_4051.N1	21-AUG-2011 11:21:02	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	49548	No
156	GOM_TRA_1PNPDK20110821_112230_000000503105_00396_49548_4052.N1	21-AUG-2011 11:22:30	Dark	50.000	125	44Iot Ori	2.7700	30000.	100	49548	No
157	GOM_TRA_1PNPDK20110821_112420_000000623105_00396_49548_4053.N1	21-AUG-2011 11:24:20	Dark	61.500	7	19Bet Ori	0.10000	14000.	123	49548	No
158	GOM_TRA_1PNPDK20110821_112559_000000493105_00396_49548_4054.N1	21-AUG-2011 11:25:59	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	49548	No
159	GOM_TRA_1PNPDK20110821_114027_000000523105_00397_49549_4055.N1	21-AUG-2011 11:40:27	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49549	No

160	GOM_TRA_1PNPDK20110821_114346_000000483105_00397_49549_4056.N1	21-AUG-2011 11:43:46	Dark	48.000	9	Alp Eri	0.45300	24000.	96	49549	No
161	GOM_TRA_1PNPDK20110821_114939_000000533105_00397_49549_4057.N1	21-AUG-2011 11:49:39	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49549	No
162	GOM_TRA_1PNPDK20110821_115150_000000453105_00397_49549_4058.N1	21-AUG-2011 11:51:50	Straylight	45.000	63	Bet Gru	2.1500	2800.0	90	49549	No
163	GOM_TRA_1PNPDK20110821_115633_000000513105_00397_49549_4059.N1	21-AUG-2011 11:56:33	Twilight_and_stray	50.500	18	24Alp PsA	1.1660	9700.0	101	49549	No
164	GOM_TRA_1PNPDK20110821_120147_000000423105_00397_49549_4060.N1	21-AUG-2011 12:01:47	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	49549	No
165	GOM_TRA_1PNPDK20110821_120504_000000413105_00397_49549_4067.N1	21-AUG-2011 12:05:04	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49549	No
166	GOM_TRA_1PNPDK20110821_120650_000000453105_00397_49549_4068.N1	21-AUG-2011 12:06:50	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	49549	No
167	GOM_TRA_1PNPDK20110821_120954_000000403105_00397_49549_4069.N1	21-AUG-2011 12:09:54	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	49549	No
168	GOM_TRA_1PNPDK20110821_121632_000000373105_00397_49549_4070.N1	21-AUG-2011 12:16:32	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	49549	No
169	GOM_TRA_1PNPDK20110821_121943_000000393105_00397_49549_4071.N1	21-AUG-2011 12:19:43	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49549	No
170	GOM_TRA_1PNPDK20110821_122455_000000383105_00397_49549_4072.N1	21-AUG-2011 12:24:55	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49549	No
171	GOM_TRA_1PNPDK20110821_122855_000000473105_00397_49549_4073.N1	21-AUG-2011 12:28:55	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	49549	No
172	GOM_TRA_1PNPDK20110821_124437_000000533105_00397_49549_4074.N1	21-AUG-2011 12:44:37	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	49549	No
173	GOM_TRA_1PNPDK20110821_124747_000000433105_00397_49549_4075.N1	21-AUG-2011 12:47:47	Bright	42.500	107	37The Aur	2.6490	11000.	85	49549	No
174	GOM_TRA_1PNPDK20110821_125104_000000573105_00397_49549_4076.N1	21-AUG-2011 12:51:04	Twilight_and_stray	56.500	28	12Bet Tau	1.6500	15200.	113	49549	No
175	GOM_TRA_1PNPDK20110821_125359_000000473105_00397_49549_4077.N1	21-AUG-2011 12:53:59	Twilight_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	49549	No
176	GOM_TRA_1PNPDK20110821_125748_000000593105_00397_49549_4078.N1	21-AUG-2011 12:57:48	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	49549	No
177	GOM_TRA_1PNPDK20110821_125919_000000603105_00397_49549_4079.N1	21-AUG-2011 12:59:19	Dark	60.000	27	24Gam Ori	1.6360	26000.	120	49549	No
178	GOM_TRA_1PNPDK20110821_130116_000000553105_00397_49549_4080.N1	21-AUG-2011 13:01:16	Dark	55.000	30	46Eps Ori	1.6940	30000.	110	49549	No
179	GOM_TRA_1PNPDK20110821_130245_000000493105_00397_49549_4081.N1	21-AUG-2011 13:02:45	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49549	No
180	GOM_TRA_1PNPDK20110821_130435_000000613105_00397_49549_4082.N1	21-AUG-2011 13:04:35	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	49549	No
181	GOM_TRA_1PNPDK20110821_130614_000000483105_00397_49549_4083.N1	21-AUG-2011 13:06:14	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	49549	No
182	GOM_TRA_1PNPDK20110821_132042_000000543105_00398_49550_4084.N1	21-AUG-2011 13:20:42	Dark	53.500	157	The1Eri	2.9060	9300.0	107	49550	No
183	GOM_TRA_1PNPDK20110821_132401_000000453105_00398_49550_4085.N1	21-AUG-2011 13:24:01	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49550	No
184	GOM_TRA_1PNPDK20110821_132953_000000543105_00398_49550_4086.N1	21-AUG-2011 13:29:53	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49550	No
185	GOM_TRA_1PNPDK20110821_133205_000000473105_00398_49550_4087.N1	21-AUG-2011 13:32:05	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	49550	No
186	GOM_TRA_1PNPDK20110821_133647_000000523105_00398_49550_4088.N1	21-AUG-2011 13:36:47	Twilight_and_stray	51.500	18	24Alp PsA	1.1660	9700.0	103	49550	No
187	GOM_TRA_1PNPDK20110821_134201_000000423105_00398_49550_4124.N1	21-AUG-2011 13:42:01	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	49550	No
188	GOM_TRA_1PNPDK20110821_134518_000000403105_00398_49550_4125.N1	21-AUG-2011 13:45:18	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	49550	No
189	GOM_TRA_1PNPDK20110821_134704_000000443105_00398_49550_4126.N1	21-AUG-2011 13:47:04	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	49550	No
190	GOM_TRA_1PNPDK20110821_135008_000000413105_00398_49550_4127.N1	21-AUG-2011 13:50:08	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	49550	No
191	GOM_TRA_1PNPDK20110821_135645_000000383105_00398_49550_4128.N1	21-AUG-2011 13:56:45	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49550	No
192	GOM_TRA_1PNPDK20110821_135957_000000383105_00398_49550_4129.N1	21-AUG-2011 13:59:57	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49550	No
193	GOM_TRA_1PNPDK20110821_140509_000000393105_00398_49550_4130.N1	21-AUG-2011 14:05:09	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49550	No
194	GOM_TRA_1PNPDK20110821_140908_000000453105_00398_49550_4131.N1	21-AUG-2011 14:09:08	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	49550	No
195	GOM_TRA_1PNPDK20110821_141121_000000253105_00398_49550_4132.N1	21-AUG-2011 14:11:21	Twilight_and_stray	25.000	76	27Gam Cas	2.3000	30000.	50	49550	No
196	GOM_TRA_1PNPDK20110821_142451_000000523105_00398_49550_4133.N1	21-AUG-2011 14:24:51	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	49550	No
197	GOM_TRA_1PNPDK20110821_142801_000000413105_00398_49550_4134.N1	21-AUG-2011 14:28:01	Bright	41.000	107	37The Aur	2.6490	11000.	82	49550	No
198	GOM_TRA_1PNPDK20110821_143118_000000603105_00398_49550_4135.N1	21-AUG-2011 14:31:18	Twilight_and_stray	60.000	28	12Bet Tau	1.6500	15200.	120	49550	No
199	GOM_TRA_1PNPDK20110821_143413_000000443105_00398_49550_4136.N1	21-AUG-2011 14:34:13	Twilight_and_stray	43.500	44	24Gam Gem	1.9280	11000.	87	49550	No
200	GOM_TRA_1PNPDK20110821_143802_000000543105_00398_49550_4137.N1	21-AUG-2011 14:38:02	Dark	53.500	14	58Alp Ori	0.87000	3000.0	107	49550	No
201	GOM_TRA_1PNPDK20110821_143933_000000593105_00398_49550_4138.N1	21-AUG-2011 14:39:33	Dark	59.000	27	24Gam Ori	1.6360	26000.	118	49550	No
202	GOM_TRA_1PNPDK20110821_144131_000000533105_00398_49550_4139.N1	21-AUG-2011 14:41:31	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	49550	No
203	GOM_TRA_1PNPDK20110821_144300_000000493105_00398_49550_4140.N1	21-AUG-2011 14:43:00	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	49550	No
204	GOM_TRA_1PNPDK20110821_144450_000000653105_00398_49550_4141.N1	21-AUG-2011 14:44:50	Dark	64.500	7	19Bet Ori	0.10000	14000.	129	49550	No
205	GOM_TRA_1PNPDK20110821_144629_000000493105_00398_49550_4142.N1	21-AUG-2011 14:46:29	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49550	No
206	GOM_TRA_1PNPDK20110821_150057_000000533105_00399_49551_4143.N1	21-AUG-2011 15:00:57	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49551	No
207	GOM_TRA_1PNPDK20110821_150415_000000463105_00399_49551_4144.N1	21-AUG-2011 15:04:15	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49551	No
208	GOM_TRA_1PNPDK20110821_151008_000000573105_00399_49551_4145.N1	21-AUG-2011 15:10:08	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49551	No
209	GOM_TRA_1PNPDK20110821_151219_000000483105_00399_49551_4146.N1	21-AUG-2011 15:12:19	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	49551	No
210	GOM_TRA_1PNPDK20110821_151702_000000503105_00399_49551_4147.N1	21-AUG-2011 15:17:02	Twilight_and_stray	49.500	18	24Alp PsA	1.1660	9700.0	99	49551	No
211	GOM_TRA_1PNPDK20110821_152215_000000433105_00399_49551_4159.N1	21-AUG-2011 15:22:15	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	49551	No
212	GOM_TRA_1PNPDK20110821_152532_000000413105_00399_49551_4160.N1	21-AUG-2011 15:25:32	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49551	No
213	GOM_TRA_1PNPDK20110821_152717_000000443105_00399_49551_4161.N1	21-AUG-2011 15:27:17	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	49551	No
214	GOM_TRA_1PNPDK20110821_153022_000000423105_00399_49551_4162.N1	21-AUG-2011 15:30:22	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	49551	No
215	GOM_TRA_1PNPDK20110821_153659_000000373105_00399_49551_4163.N1	21-AUG-2011 15:36:59	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	49551	No
216	GOM_TRA_1PNPDK20110821_154011_000000383105_00399_49551_4164.N1	21-AUG-2011 15:40:11	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49551	No
217	GOM_TRA_1PNPDK20110821_154523_000000383105_00399_49551_4165.N1	21-AUG-2011 15:45:23	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49551	No
218	GOM_TRA_1PNPDK20110821_154921_000000463105_00399_49551_4166.N1	21-AUG-2011 15:49:21	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	49551	No

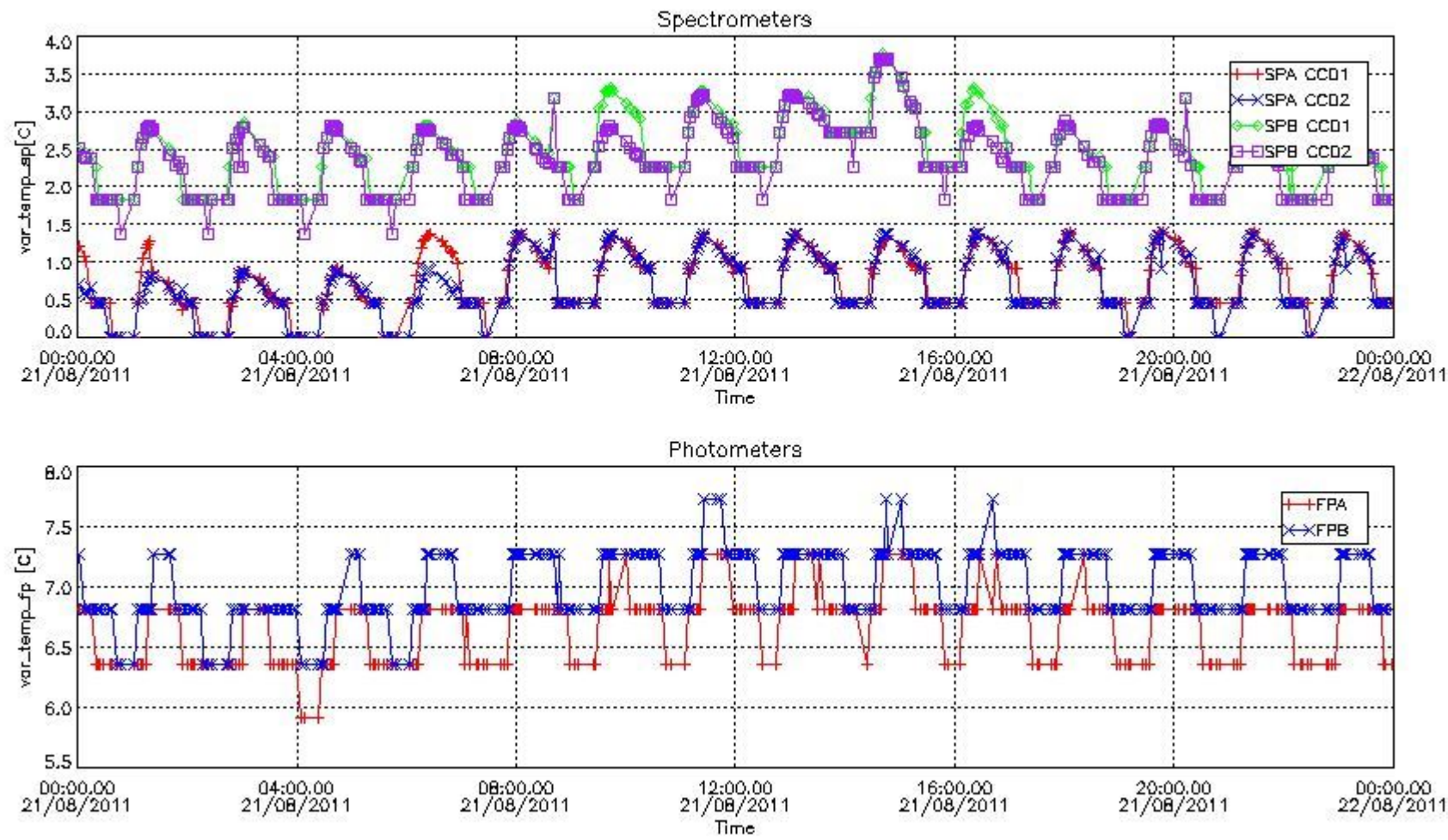
219	GOM_TRA_1PNPDK20110821_155134_000000253105_00399_49551_4167.N1	21-AUG-2011 15:51:34	Twilight	25.000	76	27Gam Cas	2.3000	30000.	50	49551	No
220	GOM_TRA_1PNPDK20110821_160505_000000533105_00399_49551_4168.N1	21-AUG-2011 16:05:05	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	49551	No
221	GOM_TRA_1PNPDK20110821_160815_000000413105_00399_49551_4169.N1	21-AUG-2011 16:08:15	Bright	41.000	107	37The Aur	2.6490	11000.	82	49551	No
222	GOM_TRA_1PNPDK20110821_161132_000000583105_00399_49551_4170.N1	21-AUG-2011 16:11:32	Twilight	57.500	28	12Bet Tau	1.6500	15200.	115	49551	No
223	GOM_TRA_1PNPDK20110821_161428_000000473105_00399_49551_4171.N1	21-AUG-2011 16:14:28	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	49551	No
224	GOM_TRA_1PNPDK20110821_161817_000000573105_00399_49551_4172.N1	21-AUG-2011 16:18:17	Dark	56.500	14	58Alp Ori	0.87000	3000.0	113	49551	No
225	GOM_TRA_1PNPDK20110821_161948_000000583105_00399_49551_4173.N1	21-AUG-2011 16:19:48	Dark	57.500	27	24Gam Ori	1.6360	26000.	115	49551	No
226	GOM_TRA_1PNPDK20110821_162146_000000563105_00399_49551_4174.N1	21-AUG-2011 16:21:46	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	49551	No
227	GOM_TRA_1PNPDK20110821_162314_000000513105_00399_49551_4175.N1	21-AUG-2011 16:23:14	Dark	50.500	125	44lot Ori	2.7700	30000.	101	49551	No
228	GOM_TRA_1PNPDK20110821_162505_000000673105_00399_49551_4176.N1	21-AUG-2011 16:25:05	Dark	66.500	7	19Bet Ori	0.10000	14000.	133	49551	No
229	GOM_TRA_1PNPDK20110821_162643_000000463105_00399_49551_4177.N1	21-AUG-2011 16:26:43	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49551	No
230	GOM_TRA_1PNPDK20110821_164113_000000533105_00400_49552_4178.N1	21-AUG-2011 16:41:13	Dark	52.500	157	The1Eri	2.9060	9300.0	105	49552	No
231	GOM_TRA_1PNPDK20110821_164430_000000463105_00400_49552_4179.N1	21-AUG-2011 16:44:30	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49552	No
232	GOM_TRA_1PNPDK20110821_165023_000000613105_00400_49552_4180.N1	21-AUG-2011 16:50:23	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	49552	No
233	GOM_TRA_1PNPDK20110821_165234_000000533105_00400_49552_4181.N1	21-AUG-2011 16:52:34	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	49552	No
234	GOM_TRA_1PNPDK20110821_165716_000000543105_00400_49552_4199.N1	21-AUG-2011 16:57:16	Twilight	54.000	18	24Alp PsA	1.1660	9700.0	108	49552	No
235	GOM_TRA_1PNPDK20110821_170230_000000423105_00400_49552_4200.N1	21-AUG-2011 17:02:30	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	49552	No
236	GOM_TRA_1PNPDK20110821_170546_000000403105_00400_49552_4201.N1	21-AUG-2011 17:05:46	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	49552	No
237	GOM_TRA_1PNPDK20110821_170731_000000443105_00400_49552_4202.N1	21-AUG-2011 17:07:31	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	49552	No
238	GOM_TRA_1PNPDK20110821_171036_000000443105_00400_49552_4203.N1	21-AUG-2011 17:10:36	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	49552	No
239	GOM_TRA_1PNPDK20110821_171713_000000393105_00400_49552_4204.N1	21-AUG-2011 17:17:13	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49552	No
240	GOM_TRA_1PNPDK20110821_172025_000000393105_00400_49552_4205.N1	21-AUG-2011 17:20:25	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49552	No
241	GOM_TRA_1PNPDK20110821_172537_000000393105_00400_49552_4206.N1	21-AUG-2011 17:25:37	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49552	No
242	GOM_TRA_1PNPDK20110821_172935_000000483105_00400_49552_4207.N1	21-AUG-2011 17:29:35	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	49552	No
243	GOM_TRA_1PNPDK20110821_173148_000000263105_00400_49552_4208.N1	21-AUG-2011 17:31:48	Twilight	26.000	76	27Gam Cas	2.3000	30000.	52	49552	No
244	GOM_TRA_1PNPDK20110821_174518_000000523105_00400_49552_4209.N1	21-AUG-2011 17:45:18	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	49552	No
245	GOM_TRA_1PNPDK20110821_174829_000000423105_00400_49552_4210.N1	21-AUG-2011 17:48:29	Bright	42.000	107	37The Aur	2.6490	11000.	84	49552	No
246	GOM_TRA_1PNPDK20110821_175147_000000543105_00400_49552_4211.N1	21-AUG-2011 17:51:47	Twilight	54.000	28	12Bet Tau	1.6500	15200.	108	49552	No
247	GOM_TRA_1PNPDK20110821_175442_000000453105_00400_49552_4212.N1	21-AUG-2011 17:54:42	Twilight	45.000	44	24Gam Gem	1.9280	11000.	90	49552	No
248	GOM_TRA_1PNPDK20110821_175831_000000653105_00400_49552_4213.N1	21-AUG-2011 17:58:31	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	49552	No
249	GOM_TRA_1PNPDK20110821_180003_000000543105_00400_49552_4214.N1	21-AUG-2011 18:00:03	Dark	53.500	27	24Gam Ori	1.6360	26000.	107	49552	No
250	GOM_TRA_1PNPDK20110821_180201_000000543105_00400_49552_4215.N1	21-AUG-2011 18:02:01	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	49552	No
251	GOM_TRA_1PNPDK20110821_180329_000000483105_00400_49552_4216.N1	21-AUG-2011 18:03:29	Dark	47.500	125	44lot Ori	2.7700	30000.	95	49552	No
252	GOM_TRA_1PNPDK20110821_180520_000000633105_00400_49552_4217.N1	21-AUG-2011 18:05:20	Dark	62.500	7	19Bet Ori	0.10000	14000.	125	49552	No
253	GOM_TRA_1PNPDK20110821_180658_000000483105_00400_49552_4218.N1	21-AUG-2011 18:06:58	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	49552	No
254	GOM_TRA_1PNPDK20110821_182128_000000543105_00401_49553_4219.N1	21-AUG-2011 18:21:28	Dark	54.000	157	The1Eri	2.9060	9300.0	108	49553	No
255	GOM_TRA_1PNPDK20110821_182445_000000433105_00401_49553_4220.N1	21-AUG-2011 18:24:45	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49553	No
256	GOM_TRA_1PNPDK20110821_183038_000000493105_00401_49553_4221.N1	21-AUG-2011 18:30:38	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49553	No
257	GOM_TRA_1PNPDK20110821_183248_000000513105_00401_49553_4222.N1	21-AUG-2011 18:32:48	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	49553	No
258	GOM_TRA_1PNPDK20110821_183730_000000523105_00401_49553_4240.N1	21-AUG-2011 18:37:30	Twilight	52.000	18	24Alp PsA	1.1660	9700.0	104	49553	No
259	GOM_TRA_1PNPDK20110821_184244_000000423105_00401_49553_4241.N1	21-AUG-2011 18:42:44	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	49553	No
260	GOM_TRA_1PNPDK20110821_184600_000000413105_00401_49553_4242.N1	21-AUG-2011 18:46:00	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49553	No
261	GOM_TRA_1PNPDK20110821_184745_000000443105_00401_49553_4243.N1	21-AUG-2011 18:47:45	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	49553	No
262	GOM_TRA_1PNPDK20110821_185050_000000413105_00401_49553_4244.N1	21-AUG-2011 18:50:50	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49553	No
263	GOM_TRA_1PNPDK20110821_185727_000000363105_00401_49553_4245.N1	21-AUG-2011 18:57:27	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	49553	No
264	GOM_TRA_1PNPDK20110821_190039_000000383105_00401_49553_4246.N1	21-AUG-2011 19:00:39	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	49553	No
265	GOM_TRA_1PNPDK20110821_190550_000000393105_00401_49553_4247.N1	21-AUG-2011 19:05:50	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49553	No
266	GOM_TRA_1PNPDK20110821_190948_000000473105_00401_49553_4248.N1	21-AUG-2011 19:09:48	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	49553	No
267	GOM_TRA_1PNPDK20110821_191201_000000263105_00401_49553_4249.N1	21-AUG-2011 19:12:01	Twilight	26.000	76	27Gam Cas	2.3000	30000.	52	49553	No
268	GOM_TRA_1PNPDK20110821_192532_000000533105_00401_49553_4250.N1	21-AUG-2011 19:25:32	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	49553	No
269	GOM_TRA_1PNPDK20110821_192843_000000473105_00401_49553_4251.N1	21-AUG-2011 19:28:43	Bright	47.000	107	37The Aur	2.6490	11000.	94	49553	No
270	GOM_TRA_1PNPDK20110821_193201_000000553105_00401_49553_4252.N1	21-AUG-2011 19:32:01	Twilight	55.000	28	12Bet Tau	1.6500	15200.	110	49553	No
271	GOM_TRA_1PNPDK20110821_193456_000000473105_00401_49553_4253.N1	21-AUG-2011 19:34:56	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	49553	No
272	GOM_TRA_1PNPDK20110821_193846_000000603105_00401_49553_4254.N1	21-AUG-2011 19:38:46	Dark	60.000	14	58Alp Ori	0.87000	3000.0	120	49553	No
273	GOM_TRA_1PNPDK20110821_194018_000000603105_00401_49553_4255.N1	21-AUG-2011 19:40:18	Dark	59.500	27	24Gam Ori	1.6360	26000.	119	49553	No
274	GOM_TRA_1PNPDK20110821_194215_000000543105_00401_49553_4256.N1	21-AUG-2011 19:42:15	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	49553	No
275	GOM_TRA_1PNPDK20110821_194344_000000513105_00401_49553_4257.N1	21-AUG-2011 19:43:44	Dark	50.500	125	44lot Ori	2.7700	30000.	101	49553	No
276	GOM_TRA_1PNPDK20110821_194535_000000603105_00401_49553_4258.N1	21-AUG-2011 19:45:35	Dark	60.000	7	19Bet Ori	0.10000	14000.	120	49553	No
277	GOM_TRA_1PNPDK20110821_194713_000000513105_00401_49553_4259.N1	21-AUG-2011 19:47:13	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	49553	No



278	GOM_TRA_1PNPDK20110821_200143_000000533105_00402_49554_4260.N1	21-AUG-2011 20:01:43	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49554	No
279	GOM_TRA_1PNPDK20110821_200459_000000453105_00402_49554_4261.N1	21-AUG-2011 20:04:59	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49554	No
280	GOM_TRA_1PNPDK20110821_201052_000000593105_00402_49554_4262.N1	21-AUG-2011 20:10:52	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	49554	No
281	GOM_TRA_1PNPDE20110821_201302_000000563105_00402_49554_7368.N1	21-AUG-2011 20:13:02	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	49554	Yes
282	GOM_TRA_1PNPDE20110821_201745_000000523105_00402_49554_7369.N1	21-AUG-2011 20:17:45	Tw_i_and_stray	52.000	18	24Alp PsA	1.1660	9700.0	104	49554	No
283	GOM_TRA_1PNPDE20110821_202258_000000423105_00402_49554_7370.N1	21-AUG-2011 20:22:58	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	49554	No
284	GOM_TRA_1PNPDE20110821_202614_000000413105_00402_49554_7371.N1	21-AUG-2011 20:26:14	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49554	No
285	GOM_TRA_1PNPDE20110821_202759_000000443105_00402_49554_7372.N1	21-AUG-2011 20:27:59	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	49554	No
286	GOM_TRA_1PNPDE20110821_203104_000000413105_00402_49554_7373.N1	21-AUG-2011 20:31:04	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49554	No
287	GOM_TRA_1PNPDE20110821_203741_000000393105_00402_49554_7374.N1	21-AUG-2011 20:37:41	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49554	No
288	GOM_TRA_1PNPDE20110821_204052_000000383105_00402_49554_7375.N1	21-AUG-2011 20:40:52	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	49554	No
289	GOM_TRA_1PNPDE20110821_204604_000000383105_00402_49554_7376.N1	21-AUG-2011 20:46:04	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49554	No
290	GOM_TRA_1PNPDE20110821_205001_000000663105_00402_49554_7377.N1	21-AUG-2011 20:50:01	Bright	65.500	74	11Bet Cas	2.2680	6600.0	131	49554	No
291	GOM_TRA_1PNPDE20110821_210546_000000493105_00402_49554_7378.N1	21-AUG-2011 21:05:46	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	49554	No
292	GOM_TRA_1PNPDE20110821_210857_000000523105_00402_49554_7379.N1	21-AUG-2011 21:08:57	Bright	51.500	107	37The Aur	2.6490	11000.	103	49554	No
293	GOM_TRA_1PNPDE20110821_211215_000000593105_00402_49554_7380.N1	21-AUG-2011 21:12:15	Tw_i_and_stray	59.000	28	12Bet Tau	1.6500	15200.	118	49554	No
294	GOM_TRA_1PNPDE20110821_211510_000000483105_00402_49554_7381.N1	21-AUG-2011 21:15:10	Tw_i_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	49554	No
295	GOM_TRA_1PNPDE20110821_211900_000000603105_00402_49554_7382.N1	21-AUG-2011 21:19:00	Dark	60.000	14	58Alp Ori	0.87000	3000.0	120	49554	No
296	GOM_TRA_1PNPDE20110821_212032_000000583105_00402_49554_7383.N1	21-AUG-2011 21:20:32	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	49554	No
297	GOM_TRA_1PNPDE20110821_212230_000000533105_00402_49554_7384.N1	21-AUG-2011 21:22:30	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	49554	No
298	GOM_TRA_1PNPDE20110821_212359_000000483105_00402_49554_7390.N1	21-AUG-2011 21:23:59	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	49554	Yes
299	GOM_TRA_1PNPDE20110821_212550_000000633105_00402_49554_7391.N1	21-AUG-2011 21:25:50	Dark	62.500	7	19Bet Ori	0.10000	14000.	125	49554	No
300	GOM_TRA_1PNPDE20110821_212728_000000473105_00402_49554_7392.N1	21-AUG-2011 21:27:28	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	49554	No
301	GOM_TRA_1PNPDE20110821_214158_000000543105_00403_49555_7393.N1	21-AUG-2011 21:41:58	Dark	54.000	157	The1Eri	2.9060	9300.0	108	49555	No
302	GOM_TRA_1PNPDE20110821_214514_000000463105_00403_49555_7394.N1	21-AUG-2011 21:45:14	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49555	No
303	GOM_TRA_1PNPDE20110821_215107_000000513105_00403_49555_7395.N1	21-AUG-2011 21:51:07	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	49555	No
304	GOM_TRA_1PNPDE20110821_215317_000000553105_00403_49555_7396.N1	21-AUG-2011 21:53:17	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	49555	No
305	GOM_TRA_1PNPDE20110821_215759_000000533105_00403_49555_7397.N1	21-AUG-2011 21:57:59	Tw_i_and_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	49555	No
306	GOM_TRA_1PNPDE20110821_220312_000000423105_00403_49555_7398.N1	21-AUG-2011 22:03:12	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	49555	No
307	GOM_TRA_1PNPDE20110821_220628_000000403105_00403_49555_7399.N1	21-AUG-2011 22:06:28	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	49555	No
308	GOM_TRA_1PNPDE20110821_220813_000000453105_00403_49555_7400.N1	21-AUG-2011 22:08:13	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49555	No
309	GOM_TRA_1PNPDE20110821_221117_000000423105_00403_49555_7401.N1	21-AUG-2011 22:11:17	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	49555	No
310	GOM_TRA_1PNPDE20110821_221755_000000373105_00403_49555_7402.N1	21-AUG-2011 22:17:55	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	49555	No
311	GOM_TRA_1PNPDE20110821_222107_000000383105_00403_49555_7403.N1	21-AUG-2011 22:21:07	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49555	No
312	GOM_TRA_1PNPDE20110821_222618_000000363105_00403_49555_7404.N1	21-AUG-2011 22:26:18	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	49555	No
313	GOM_TRA_1PNPDE20110821_223014_000000473105_00403_49555_7405.N1	21-AUG-2011 22:30:14	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	49555	No
314	GOM_TRA_1PNPDE20110821_224600_000000533105_00403_49555_7406.N1	21-AUG-2011 22:46:00	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	49555	No
315	GOM_TRA_1PNPDE20110821_224911_000000463105_00403_49555_7407.N1	21-AUG-2011 22:49:11	Bright	46.000	107	37The Aur	2.6490	11000.	92	49555	No
316	GOM_TRA_1PNPDE20110821_225229_000000563105_00403_49555_7408.N1	21-AUG-2011 22:52:29	Tw_i_and_stray	56.000	28	12Bet Tau	1.6500	15200.	112	49555	No
317	GOM_TRA_1PNPDE20110821_225525_000000473105_00403_49555_7409.N1	21-AUG-2011 22:55:25	Tw_i_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	49555	No
318	GOM_TRA_1PNPDE20110821_225915_000000553105_00403_49555_7410.N1	21-AUG-2011 22:59:15	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	49555	No
319	GOM_TRA_1PNPDE20110821_230047_000000583105_00403_49555_7411.N1	21-AUG-2011 23:00:47	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	49555	No
320	GOM_TRA_1PNPDE20110821_230245_000000523105_00403_49555_7412.N1	21-AUG-2011 23:02:45	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49555	No
321	GOM_TRA_1PNPDE20110821_230414_000000503105_00403_49555_7413.N1	21-AUG-2011 23:04:14	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	49555	No
322	GOM_TRA_1PNPDE20110821_230605_000000643105_00403_49555_7416.N1	21-AUG-2011 23:06:05	Dark	64.000	7	19Bet Ori	0.10000	14000.	128	49555	No
323	GOM_TRA_1PNPDE20110821_230743_000000493105_00403_49555_7417.N1	21-AUG-2011 23:07:43	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49555	No
324	GOM_TRA_1PNPDE20110821_232213_000000553105_00404_49556_7418.N1	21-AUG-2011 23:22:13	Dark	54.500	157	The1Eri	2.9060	9300.0	109	49556	No
325	GOM_TRA_1PNPDE20110821_232528_000000463105_00404_49556_7419.N1	21-AUG-2011 23:25:28	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49556	No
326	GOM_TRA_1PNPDE20110821_233122_000000513105_00404_49556_7420.N1	21-AUG-2011 23:31:22	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	49556	No
327	GOM_TRA_1PNPDE20110821_233331_000000563105_00404_49556_7421.N1	21-AUG-2011 23:33:31	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	49556	No
328	GOM_TRA_1PNPDE20110821_233813_000000503105_00404_49556_7422.N1	21-AUG-2011 23:38:13	Tw_i_and_stray	50.000	18	24Alp PsA	1.1660	9700.0	100	49556	No
329	GOM_TRA_1PNPDE20110821_234326_000000443105_00404_49556_7423.N1	21-AUG-2011 23:43:26	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49556	No
330	GOM_TRA_1PNPDE20110821_234642_000000403105_00404_49556_7424.N1	21-AUG-2011 23:46:42	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	49556	No
331	GOM_TRA_1PNPDE20110821_234827_000000443105_00404_49556_7425.N1	21-AUG-2011 23:48:27	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	49556	No
332	GOM_TRA_1PNPDE20110821_235131_000000423105_00404_49556_7426.N1	21-AUG-2011 23:51:31	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	49556	No
333	GOM_TRA_1PNPDE20110821_235809_000000383105_00404_49556_7427.N1	21-AUG-2011 23:58:09	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49556	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).

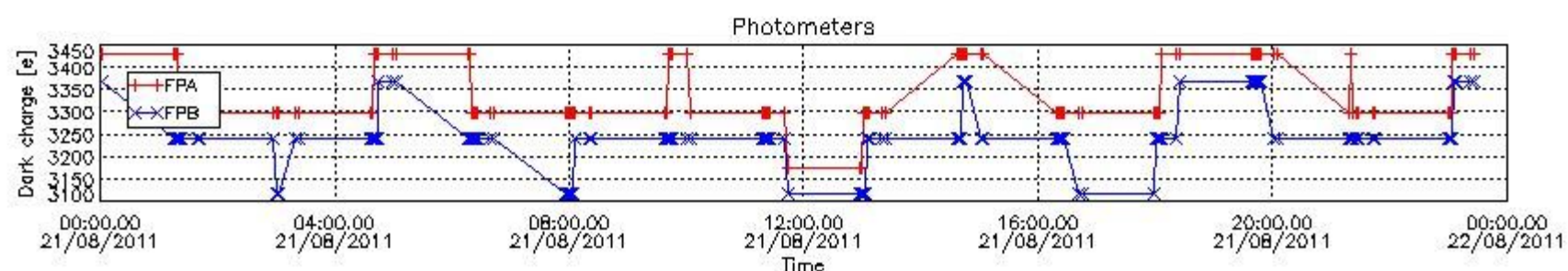
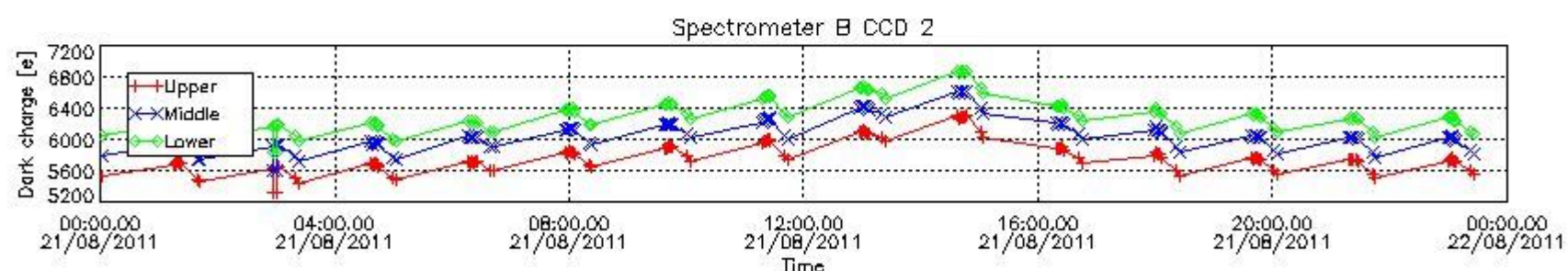
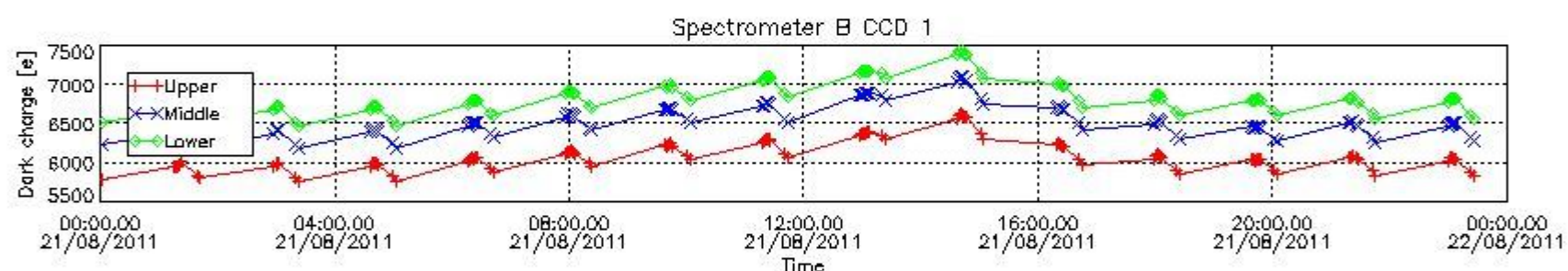
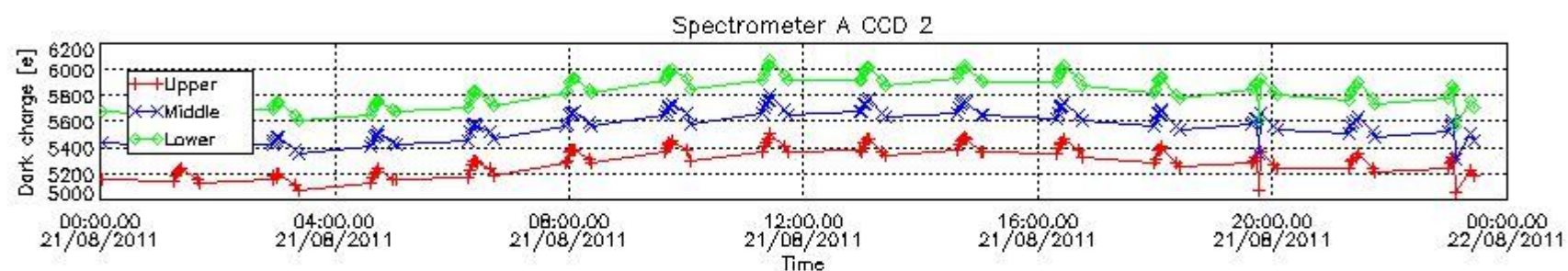
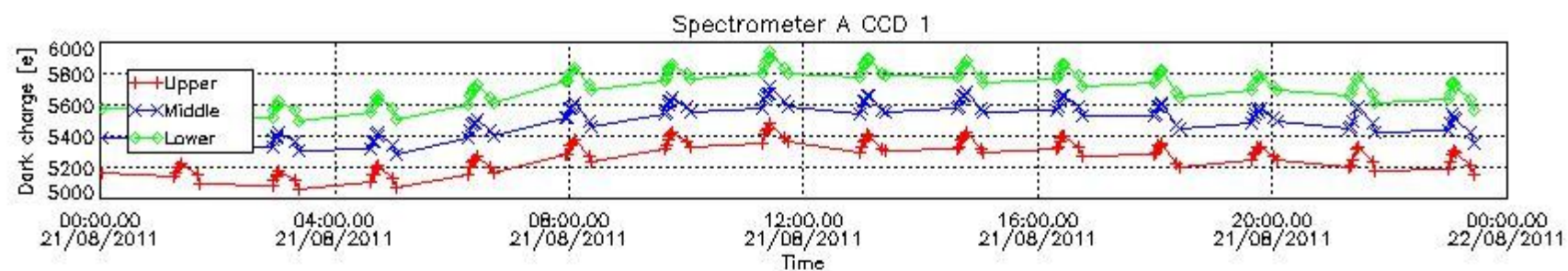
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110821_201302_000000563105_00402_49554_7368.N1	DC map with no T dep.
GOM_TRA_1PNPDE20110821_201745_000000523105_00402_49554_7369.N1	DC map used
GOM_TRA_1PNPDE20110821_202258_000000423105_00402_49554_7370.N1	DC map used
GOM_TRA_1PNPDE20110821_202614_000000413105_00402_49554_7371.N1	DC map used
GOM_TRA_1PNPDE20110821_202759_000000443105_00402_49554_7372.N1	DC map used
GOM_TRA_1PNPDE20110821_203104_000000413105_00402_49554_7373.N1	DC map used
GOM_TRA_1PNPDE20110821_203741_000000393105_00402_49554_7374.N1	DC map used
GOM_TRA_1PNPDE20110821_204052_000000383105_00402_49554_7375.N1	DC map used
GOM_TRA_1PNPDE20110821_204604_000000383105_00402_49554_7376.N1	DC map used
GOM_TRA_1PNPDE20110821_205001_000000663105_00402_49554_7377.N1	DC map used
GOM_TRA_1PNPDE20110821_210546_000000493105_00402_49554_7378.N1	DC map used
GOM_TRA_1PNPDE20110821_210857_000000523105_00402_49554_7379.N1	DC map used

GOM_TRA_1PNPDE20110821_211215_000000593105_00402_49554_7380.N1	DC map used
GOM_TRA_1PNPDE20110821_211510_000000483105_00402_49554_7381.N1	DC map used
GOM_TRA_1PNPDE20110821_211900_000000603105_00402_49554_7382.N1	DC map used
GOM_TRA_1PNPDE20110821_212032_000000583105_00402_49554_7383.N1	DC map used
GOM_TRA_1PNPDE20110821_212230_000000533105_00402_49554_7384.N1	DC map used

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



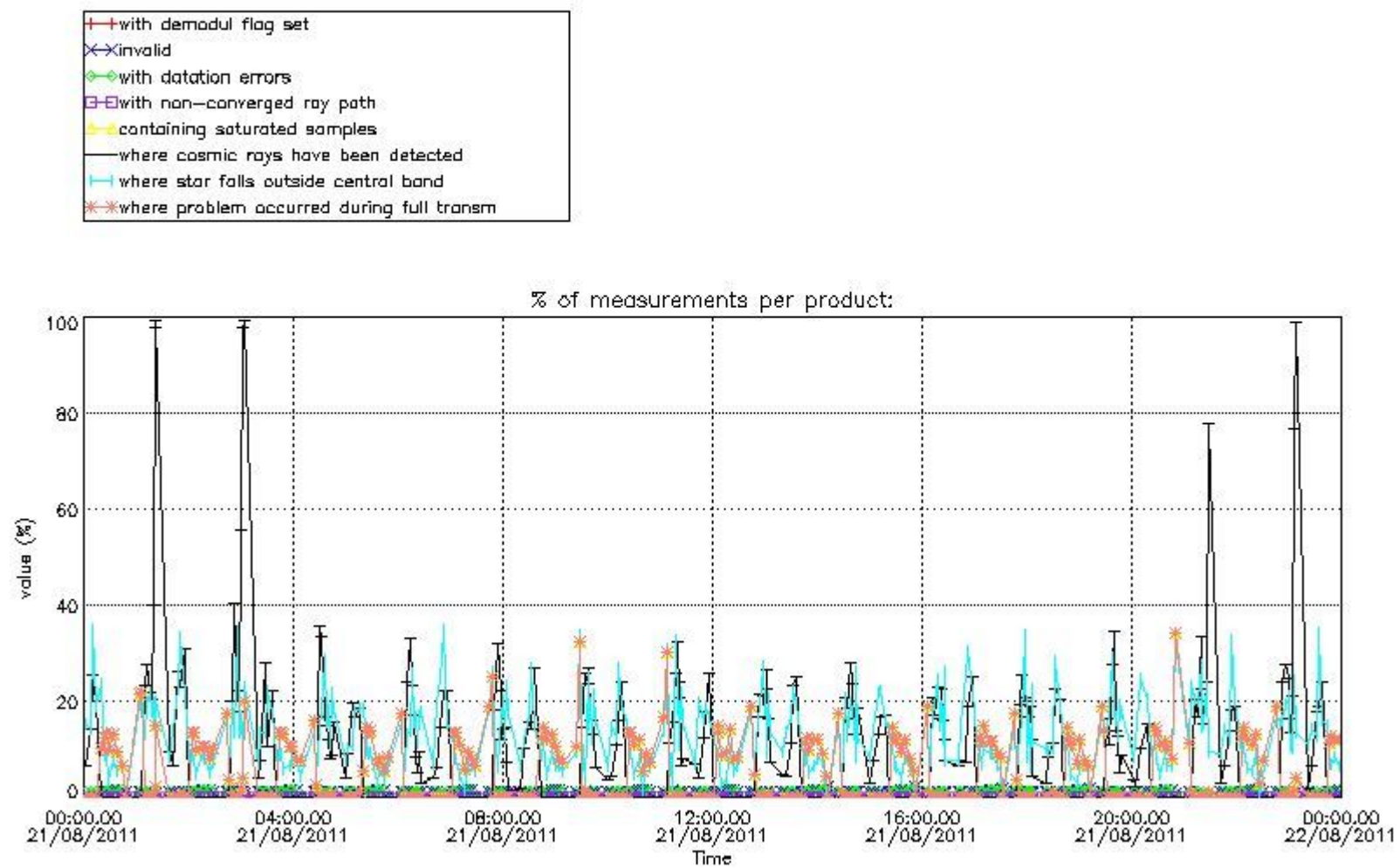


In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

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

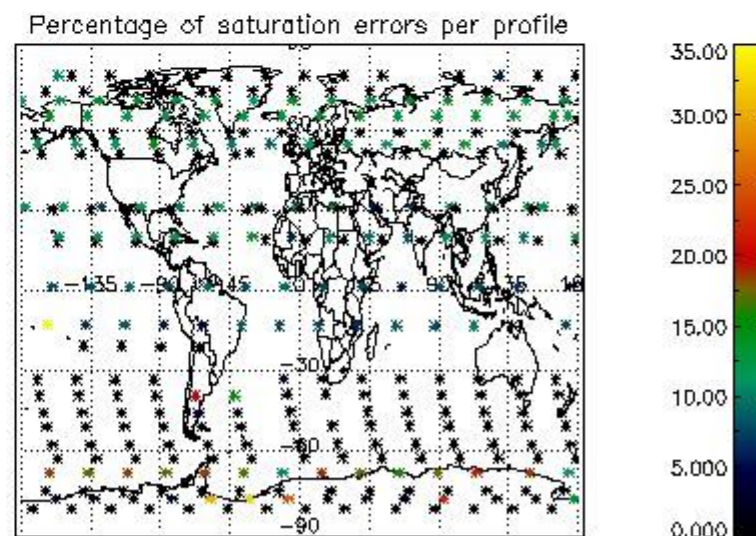
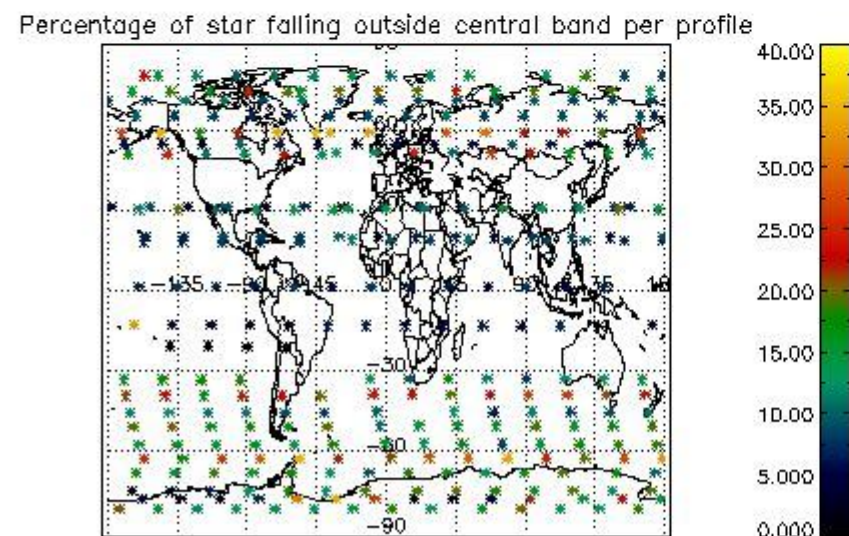
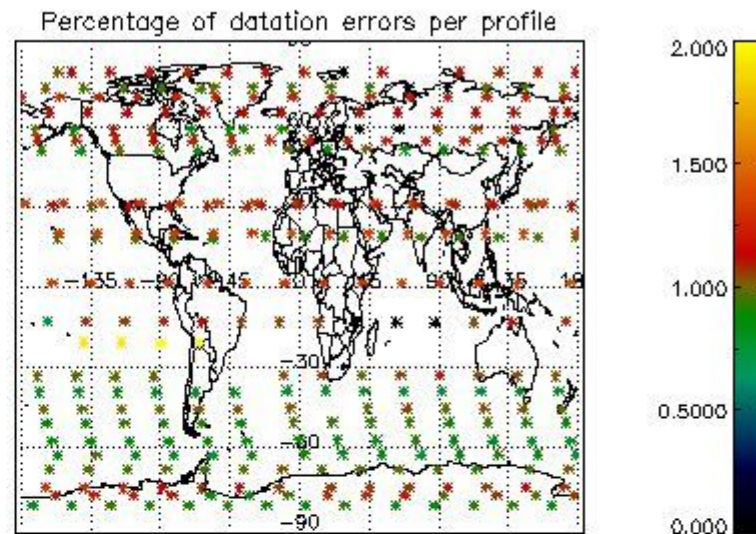
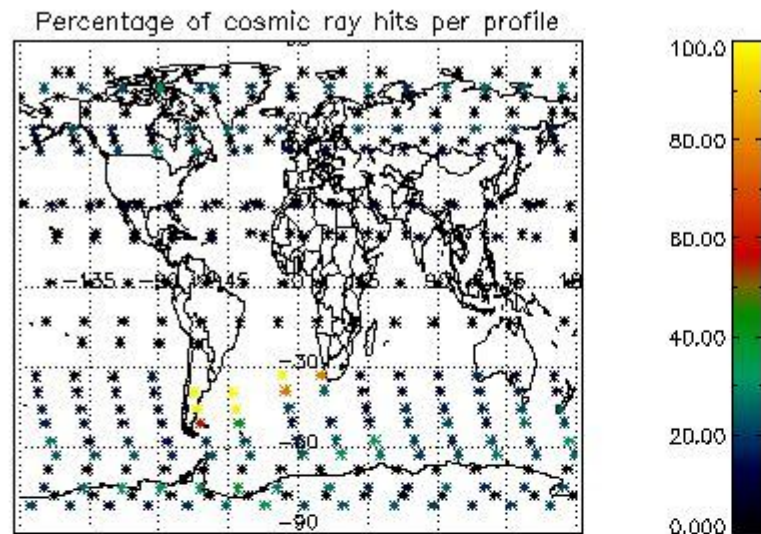
At least one measurement with demodulation flag set:	53.3333 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	43.6364 %

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



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





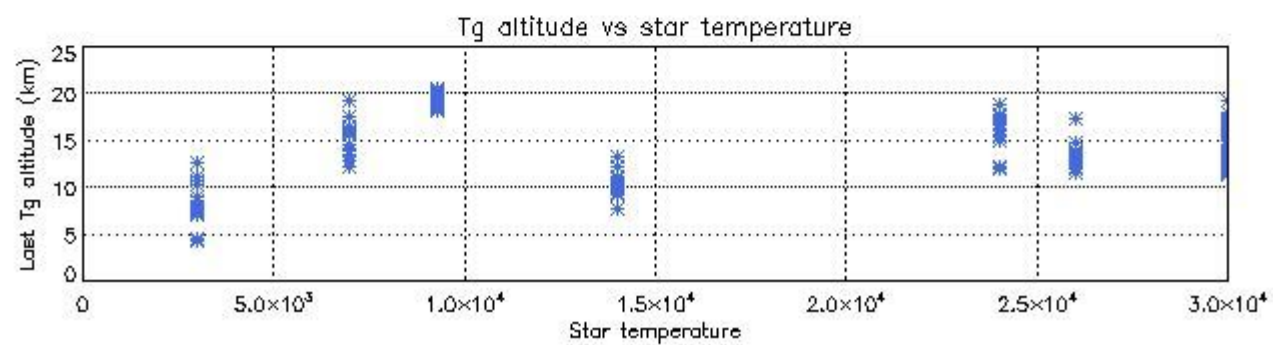
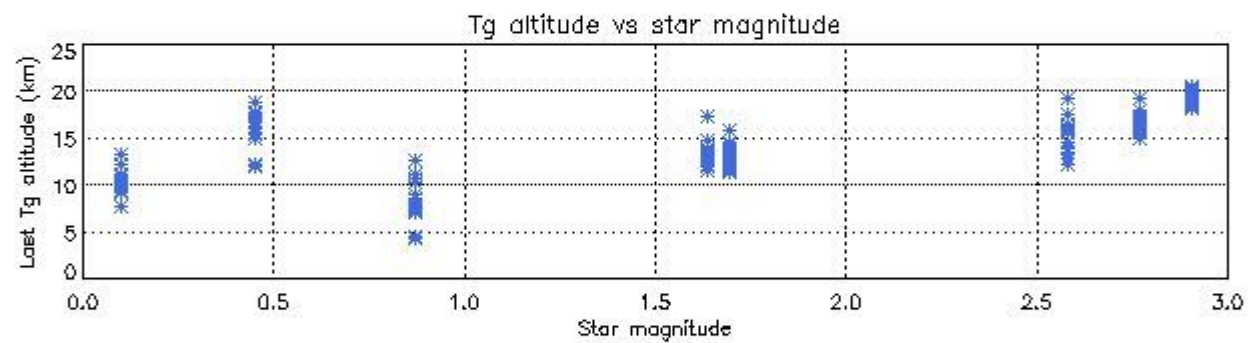
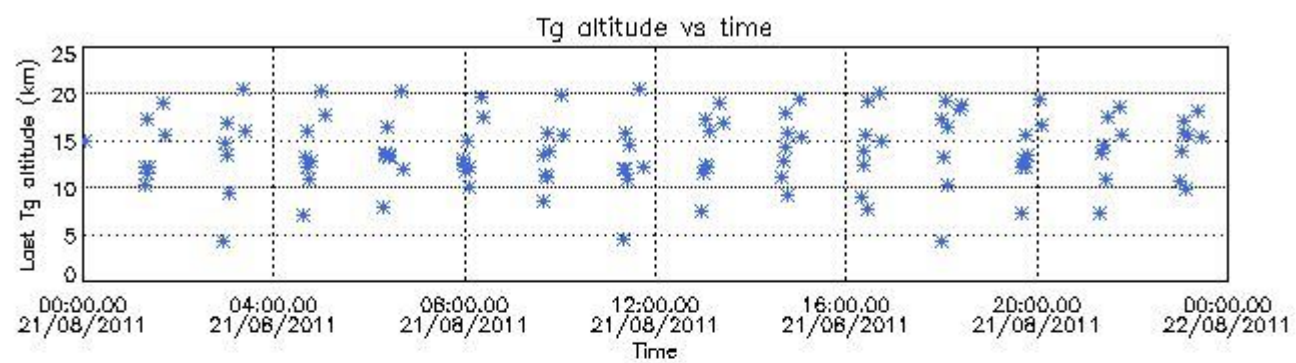
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.965	18.689	NaN
St. deviation:	3.7395	3.7562	NaN
Maximum:	20.446	28.821	NaN
Minimum:	4.1768	4.8977	NaN
Number of data:	110.00	144.00	NaN

### 6.2 Plot for DARK limb products

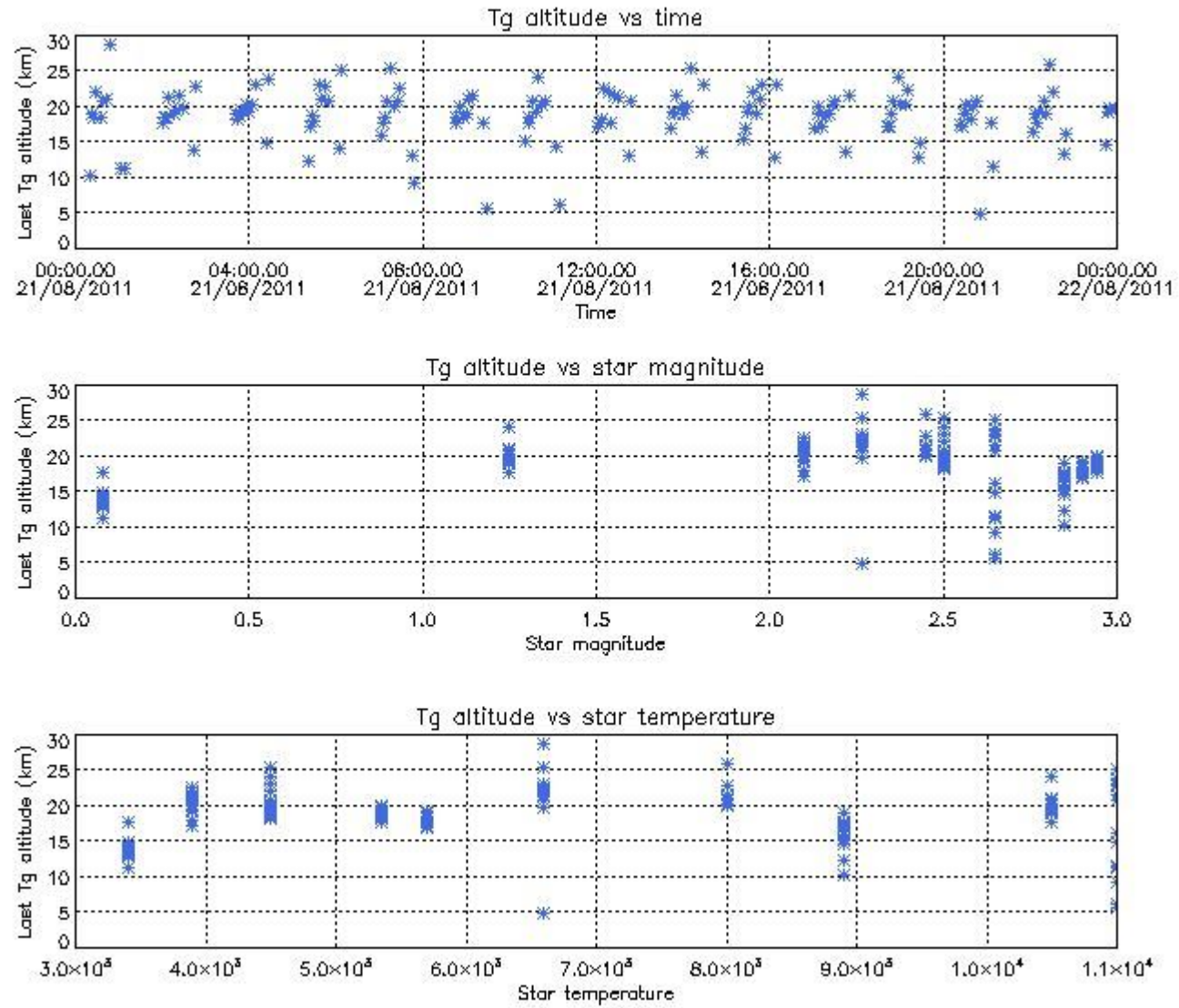
Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products



## Tangent altitude at which the star is lost



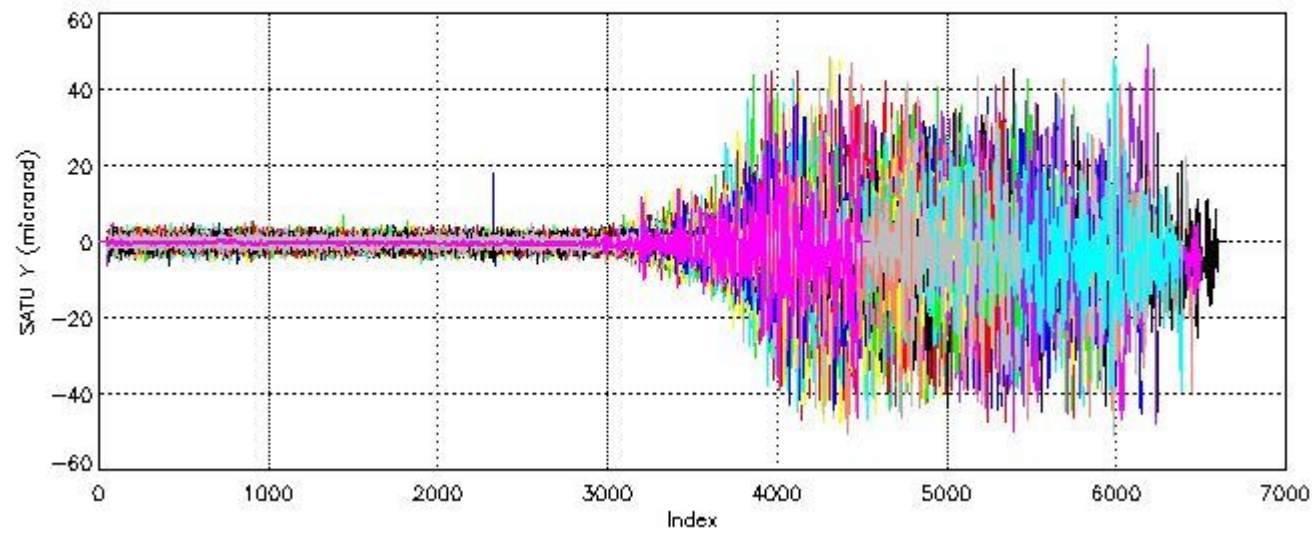
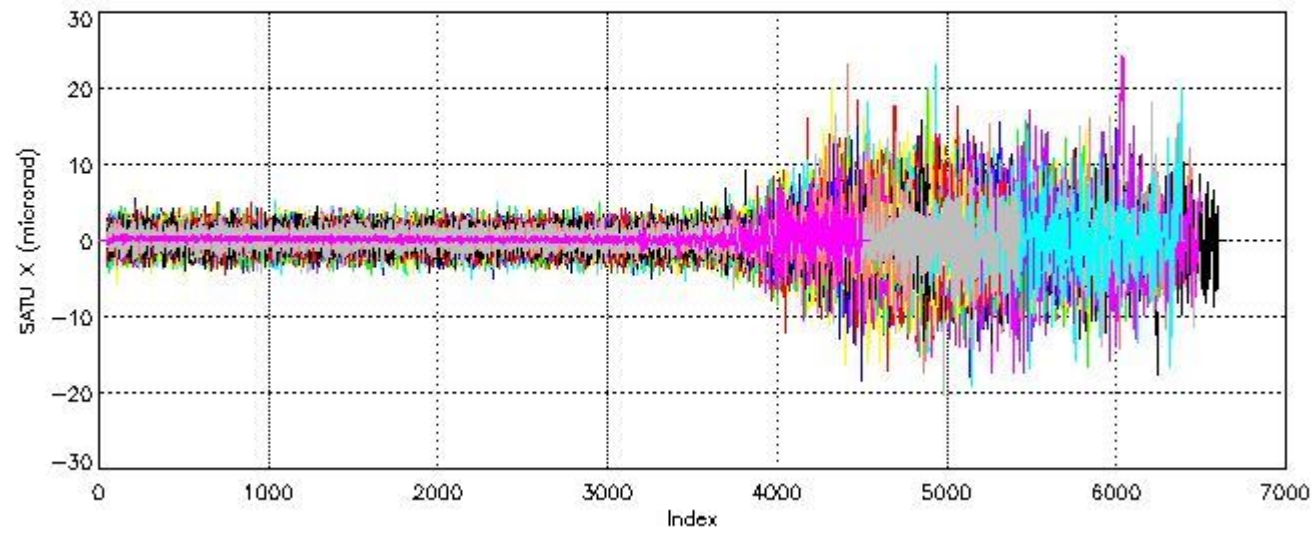
## 7. Star Acquisition and Tracking Unit (SATU)

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

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

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





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

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

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

### 7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.19759	-0.23338	0.21567	-0.25365
St. deviation:	0.57550	0.63100	0.70443	0.77570
Maximum:	5.6000	5.0000	5.4000	14.100
Minimum:	-5.4000	-6.2000	-14.200	-13.500

Number of data:	1.2535E+05	1.2535E+05	1.3805E+05	1.3805E+05
90Percentile:	1.0000	0.60000	1.1000	0.70000

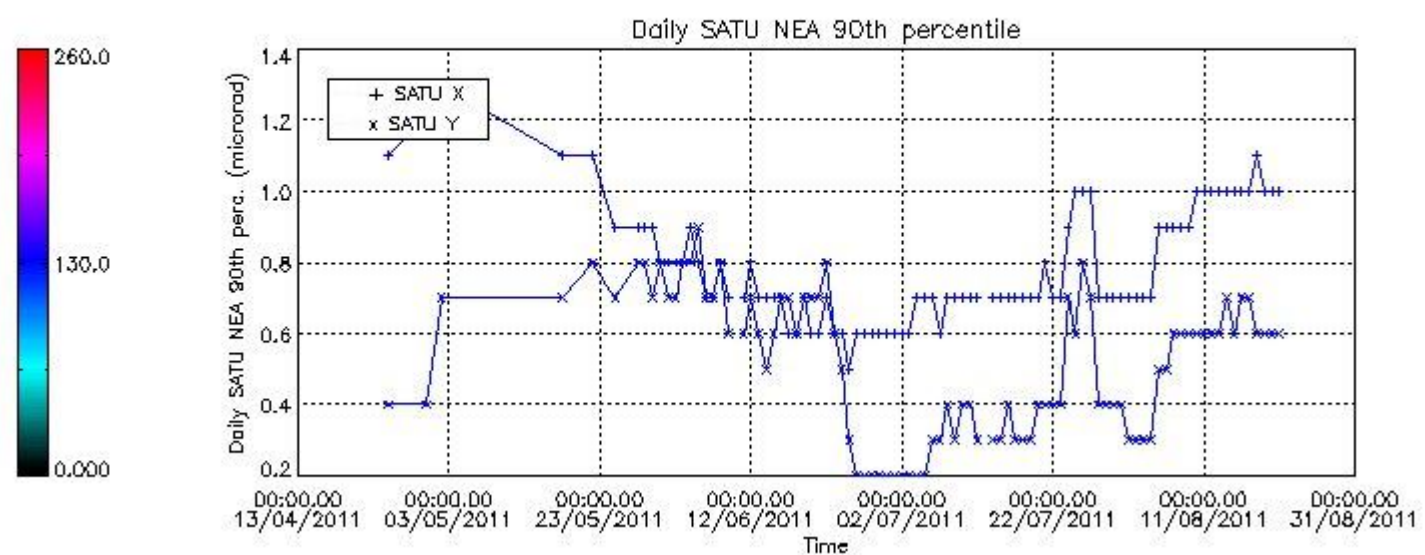
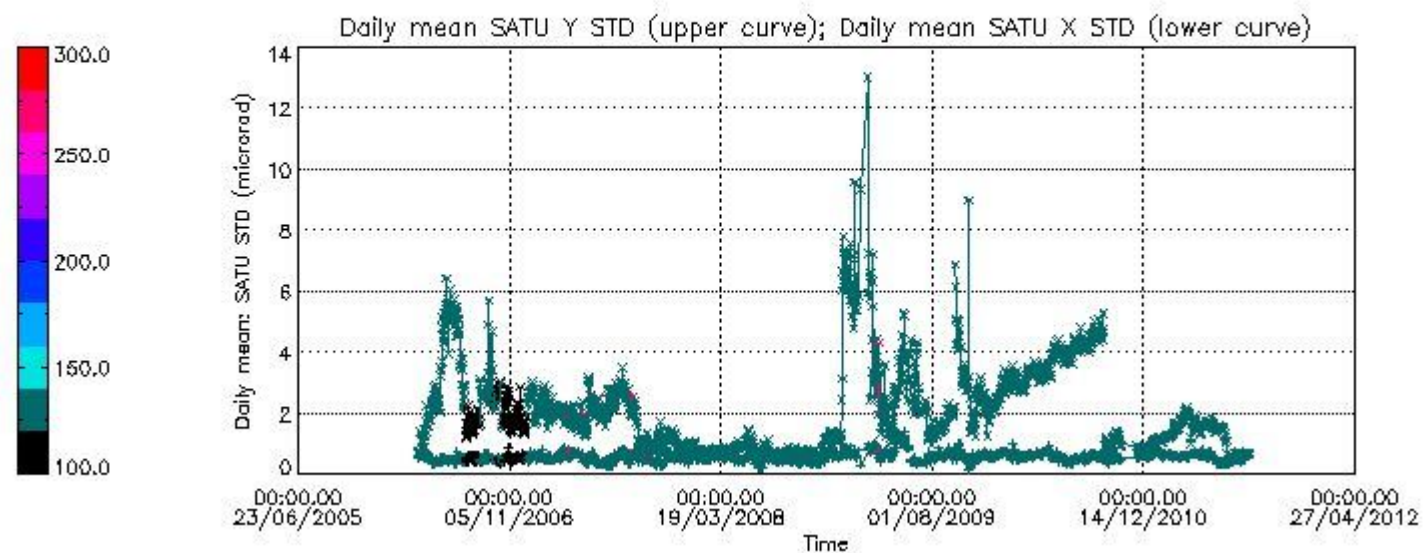
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

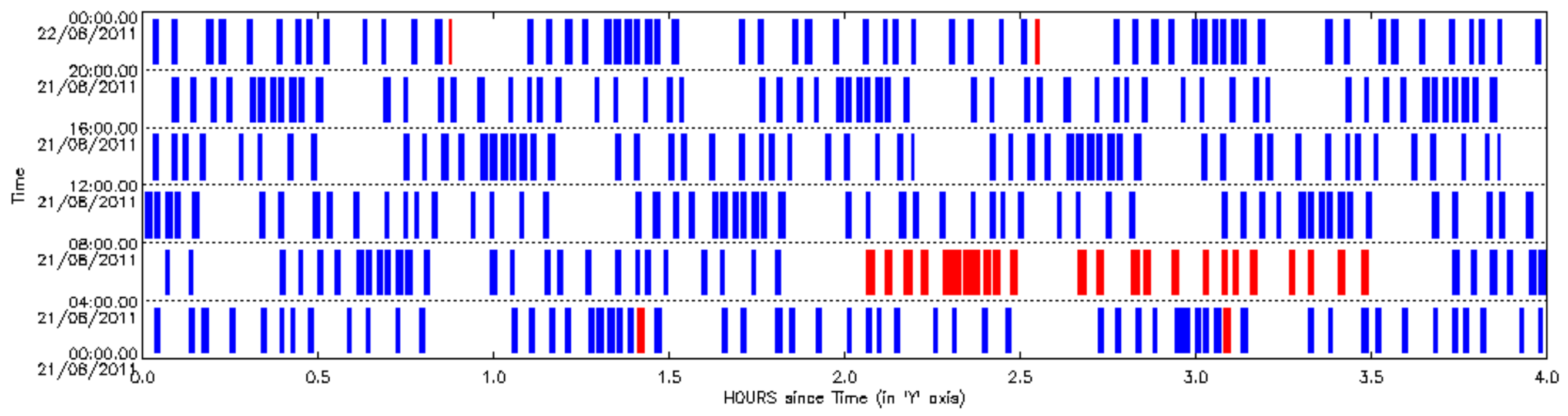


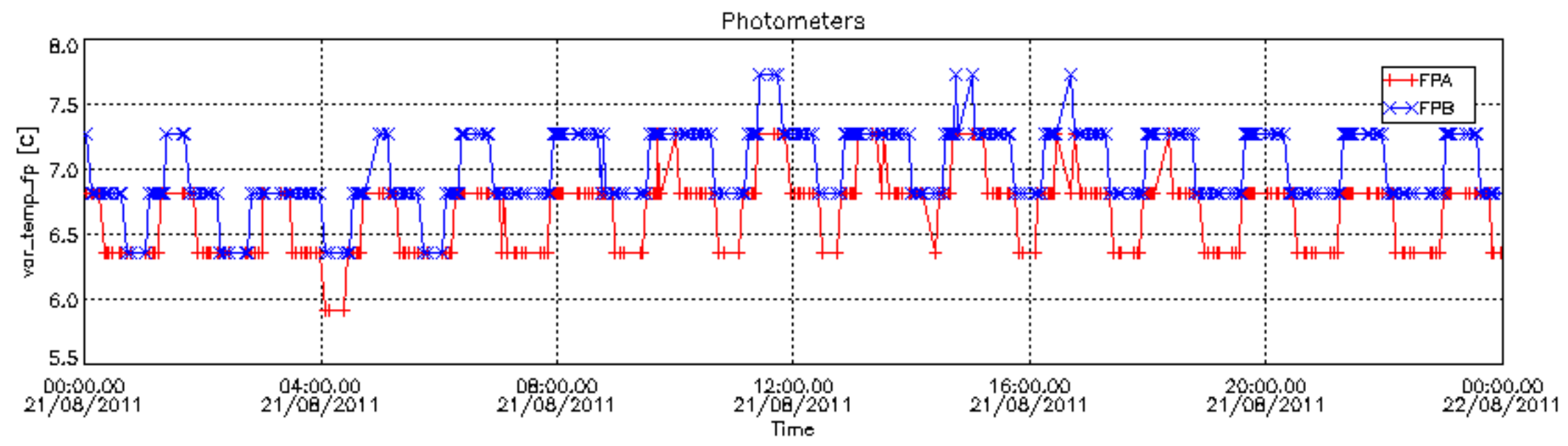
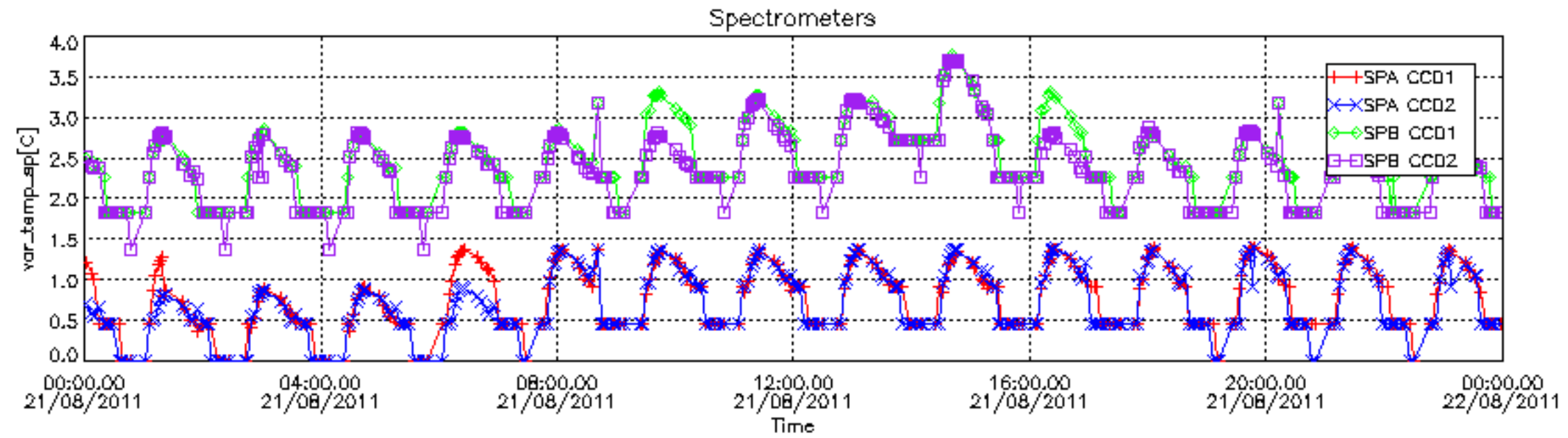
### 8. Auxiliary Data Files used for the production reported in section 2.4

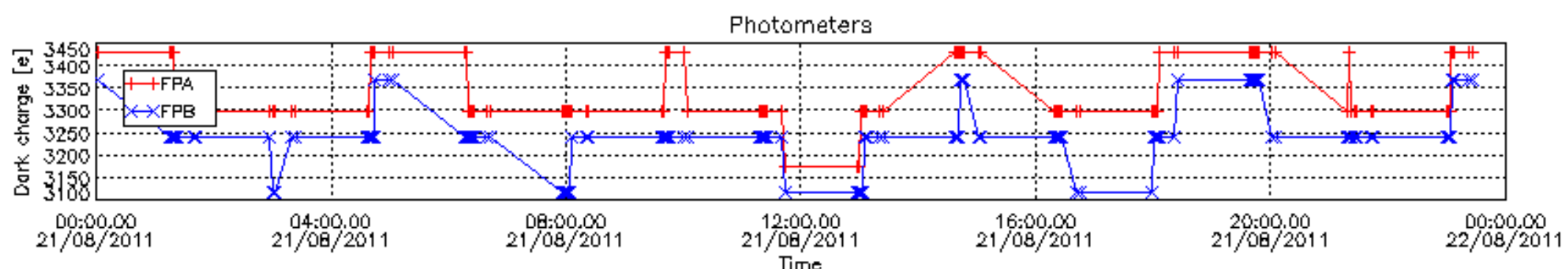
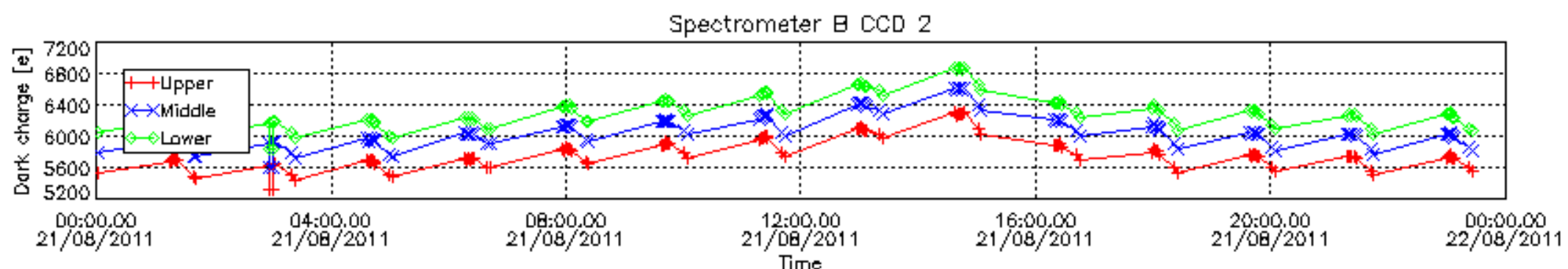
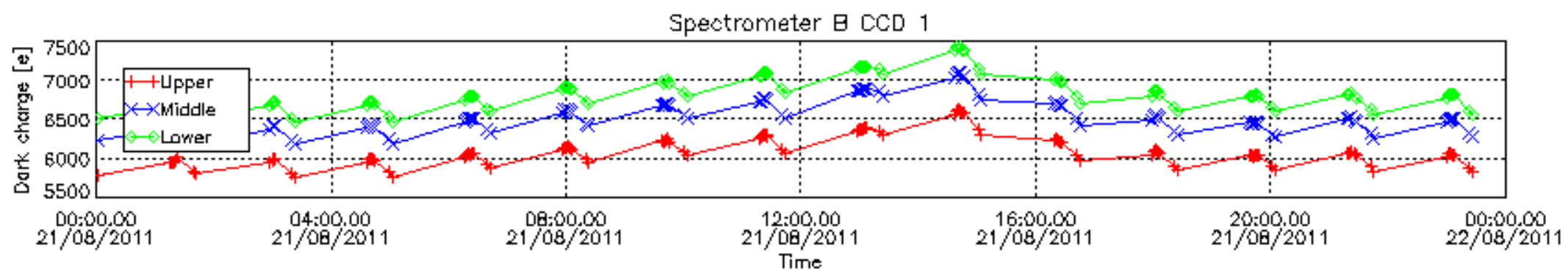
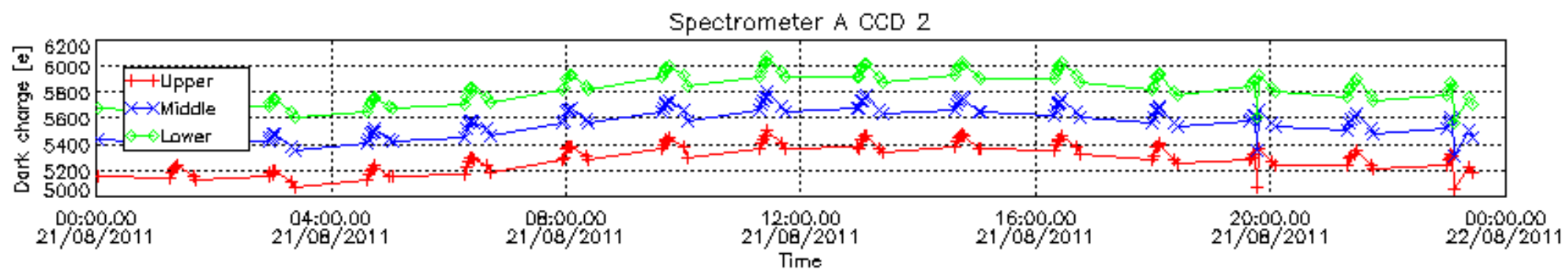
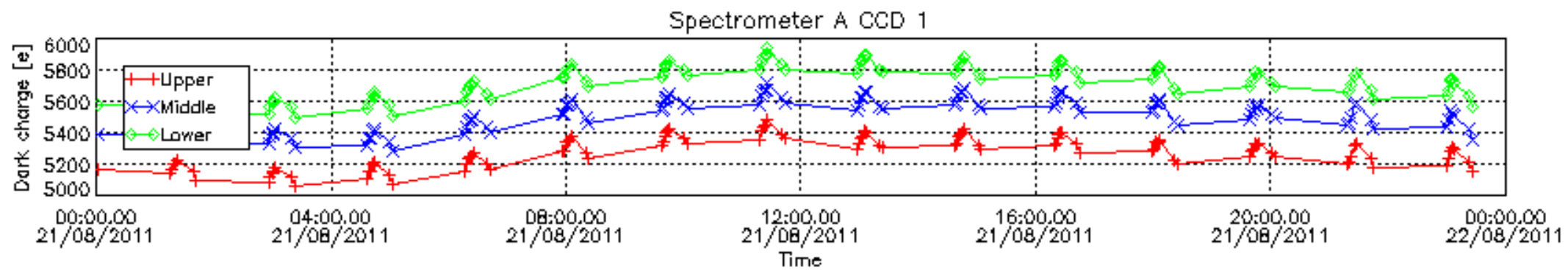
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-AUG-2011 00:02:03
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110817_075307_20110816_000000_20500101_000000	1	21-AUG-2011 00:02:03
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	21-AUG-2011 00:02:03
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	21-AUG-2011 00:02:03
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	21-AUG-2011 00:02:03
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ECMWF_FILE	AUX_ECA_AXNECM20110821_062113_20110820_210000_20110821_090000	80	21-AUG-2011 06:03:42
ECMWF_FILE	MISSING	118	21-AUG-2011 08:41:19
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ECMWF_FILE	AUX_ECF_AXNECM20110821_062114_20110821_150000_20110822_030000	211	21-AUG-2011 15:22:15
ECMWF_FILE	AUX_ECA_AXNECM20110821_181631_20110821_090000_20110821_210000	258	21-AUG-2011 18:37:30
ECMWF_FILE	AUX_ECF_AXNECM20110821_062114_20110821_150000_20110822_030000	281	21-AUG-2011 20:13:02
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OPTIONAL_ECMWF_FILE	MISSING	1	21-AUG-2011 00:02:03
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110820_102739_20110819_192941_20110829_200314	1	21-AUG-2011 00:02:03
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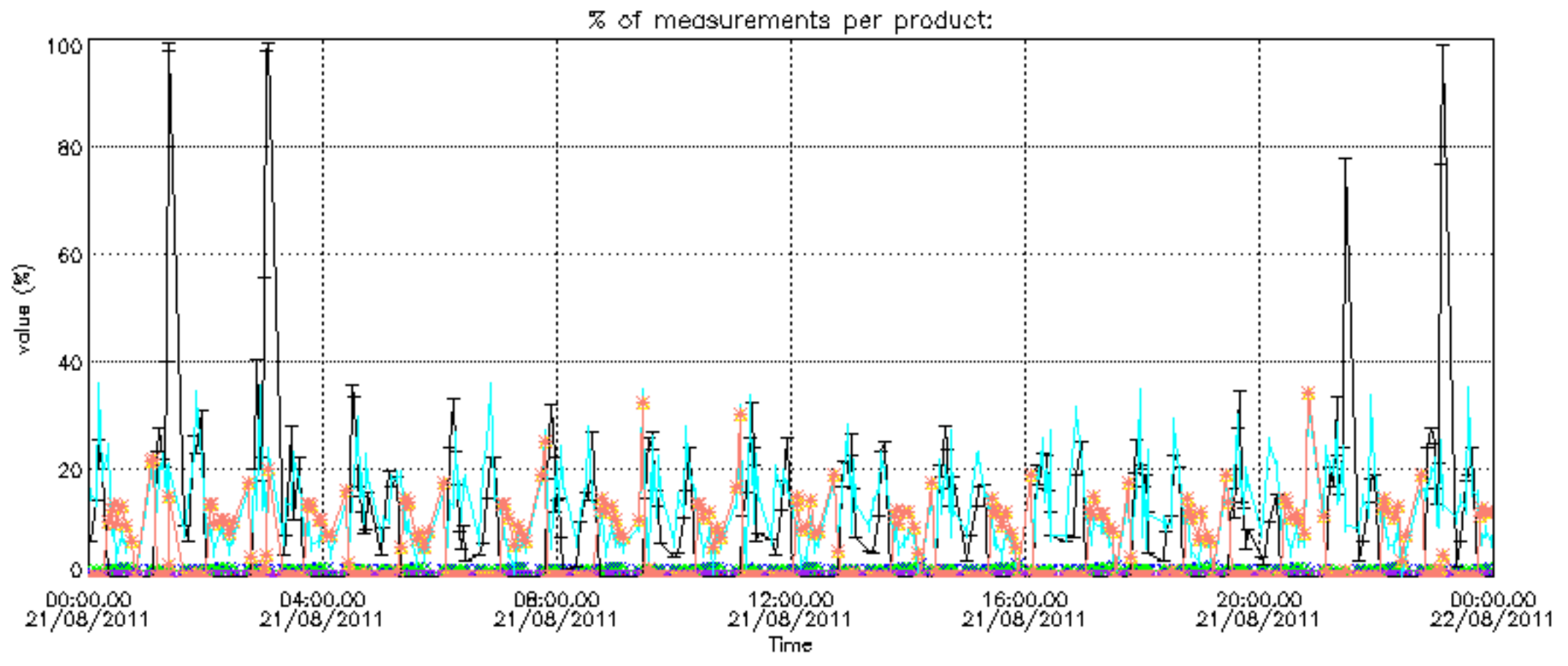
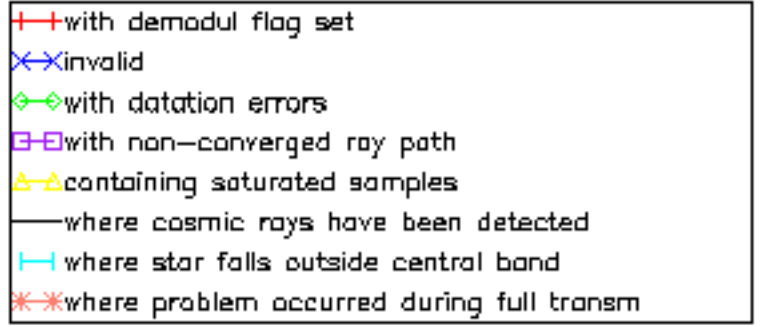




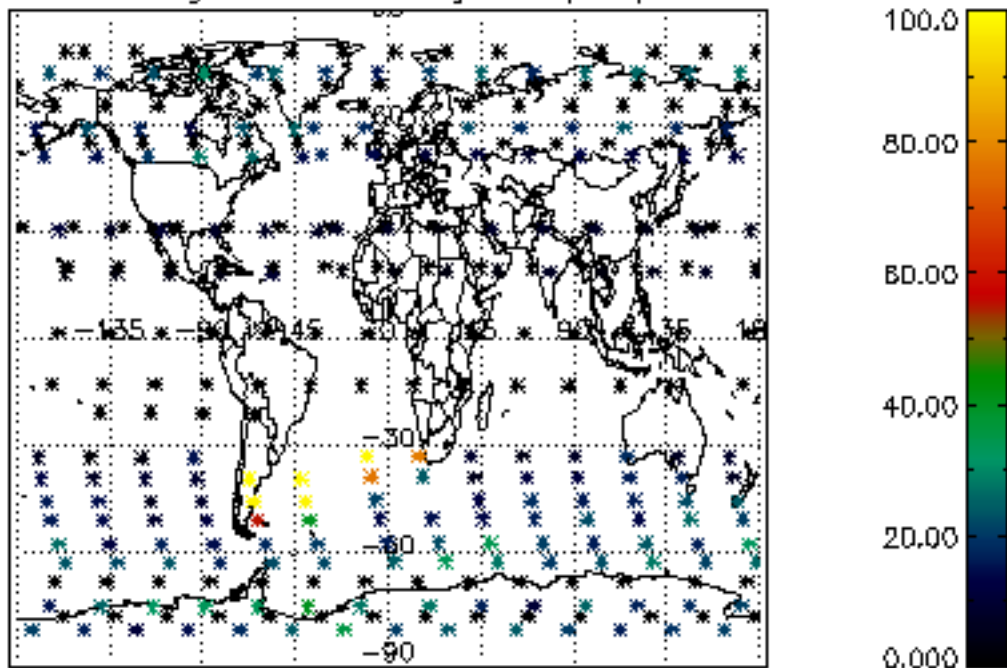




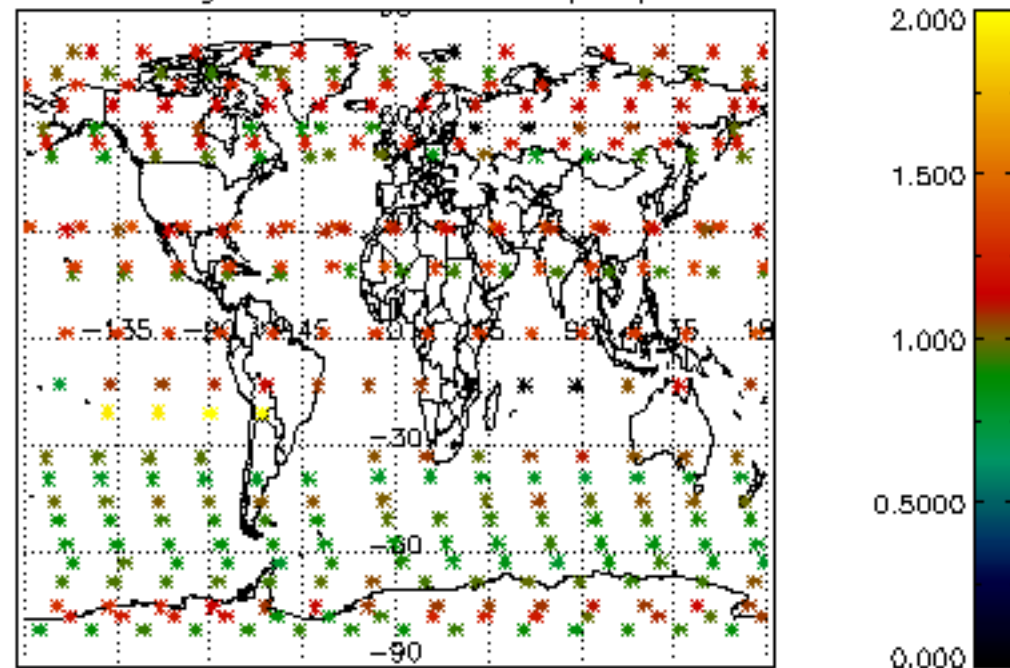




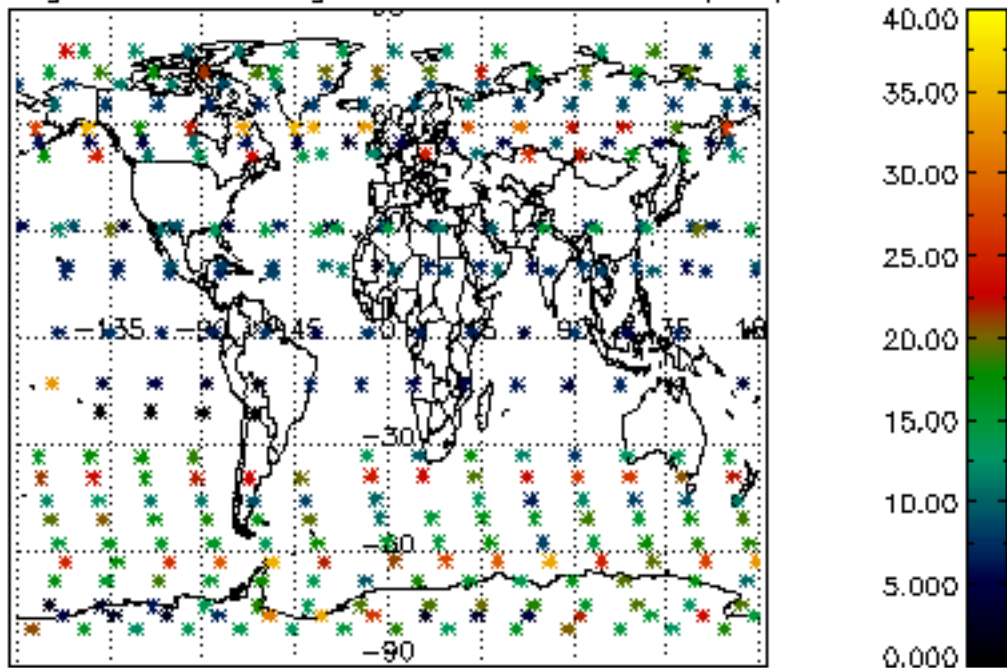
Percentage of cosmic ray hits per profile



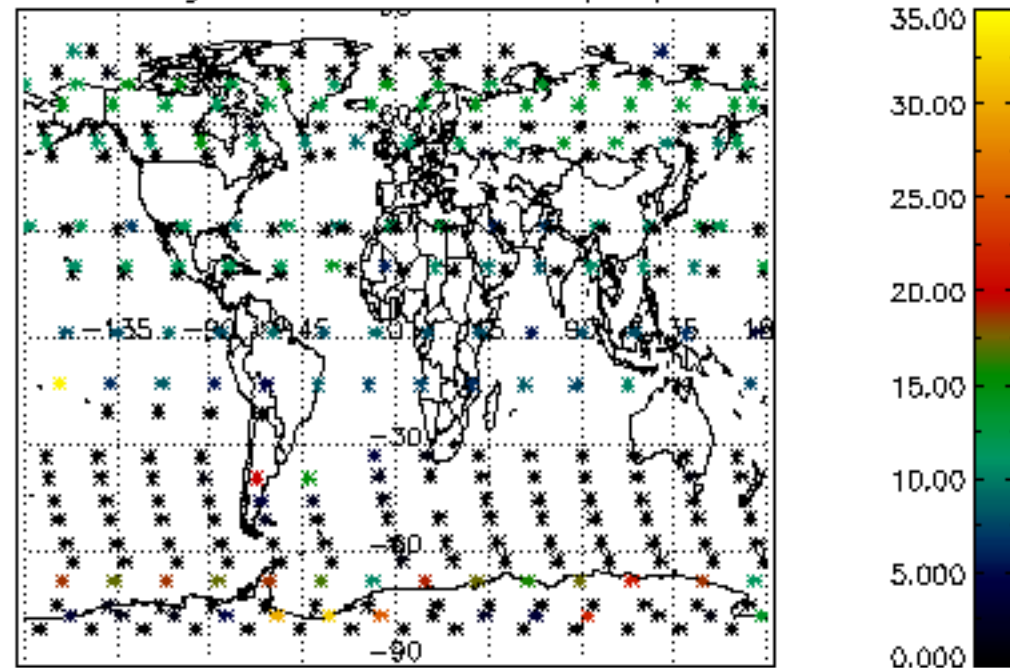
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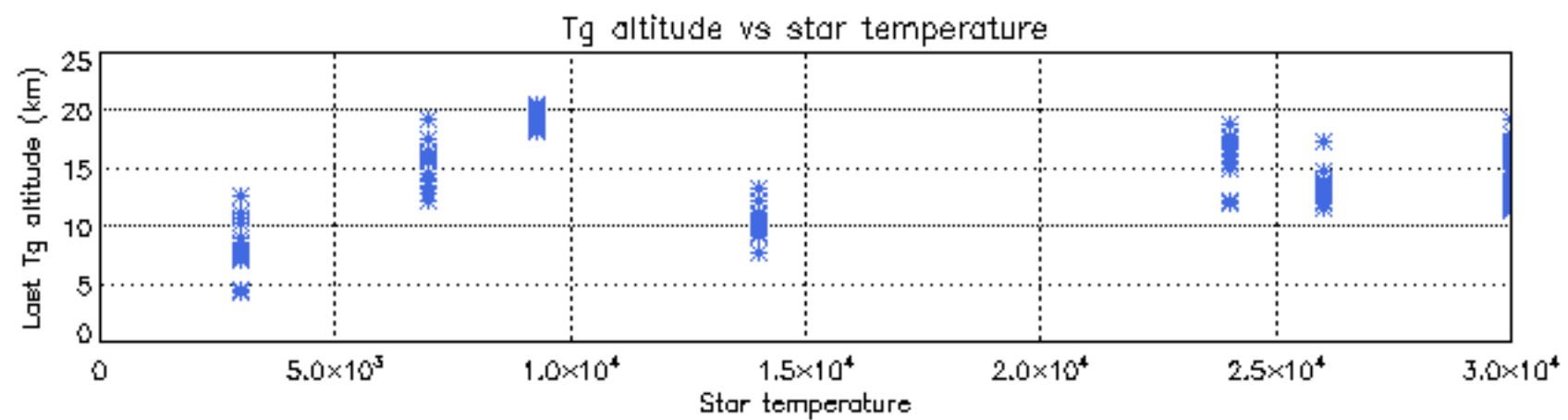
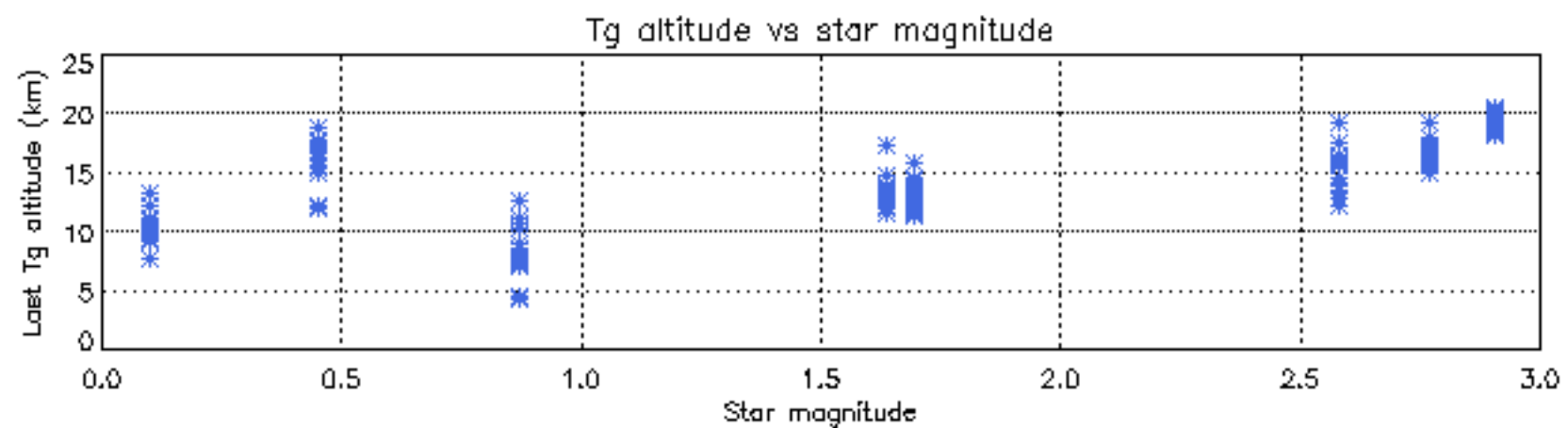
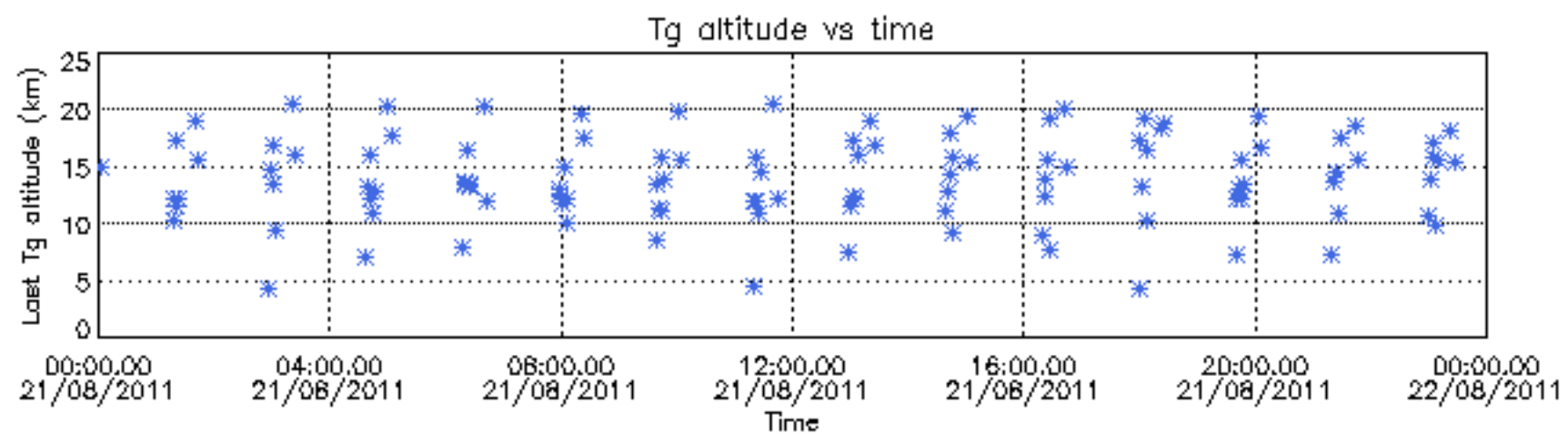
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

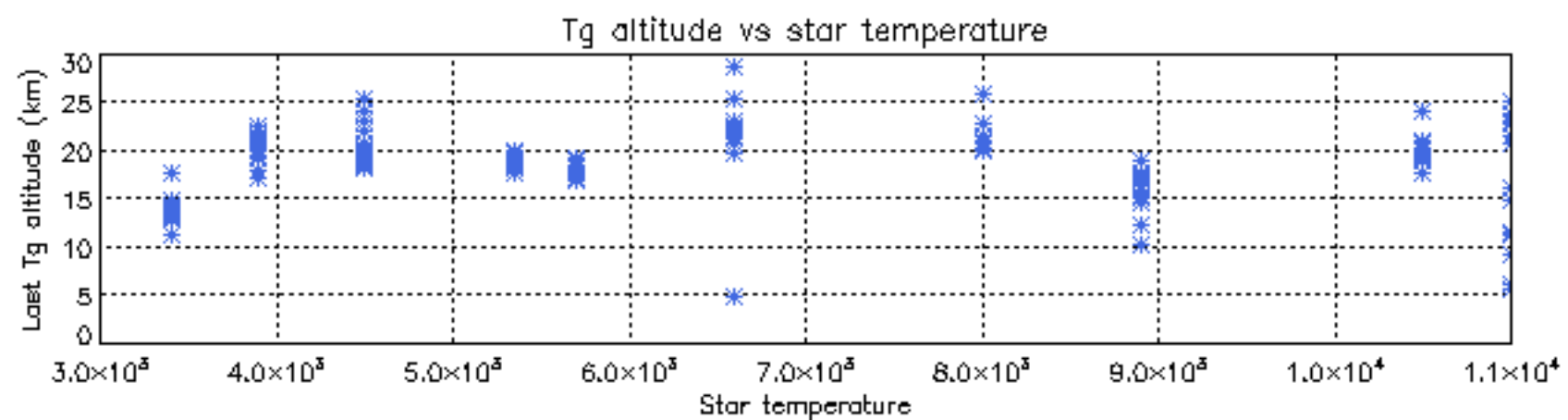
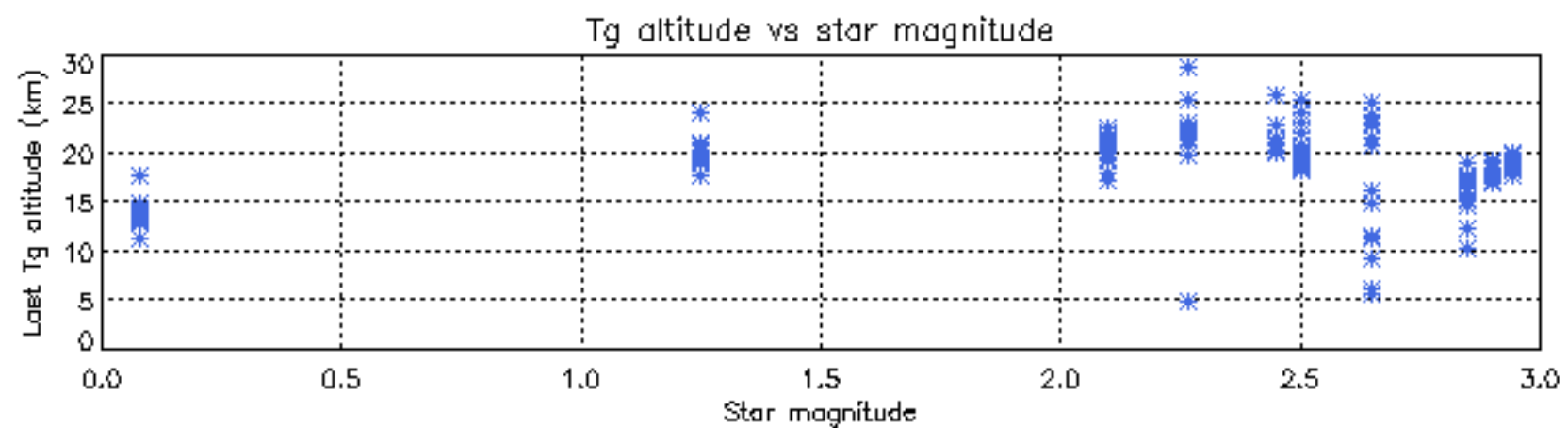
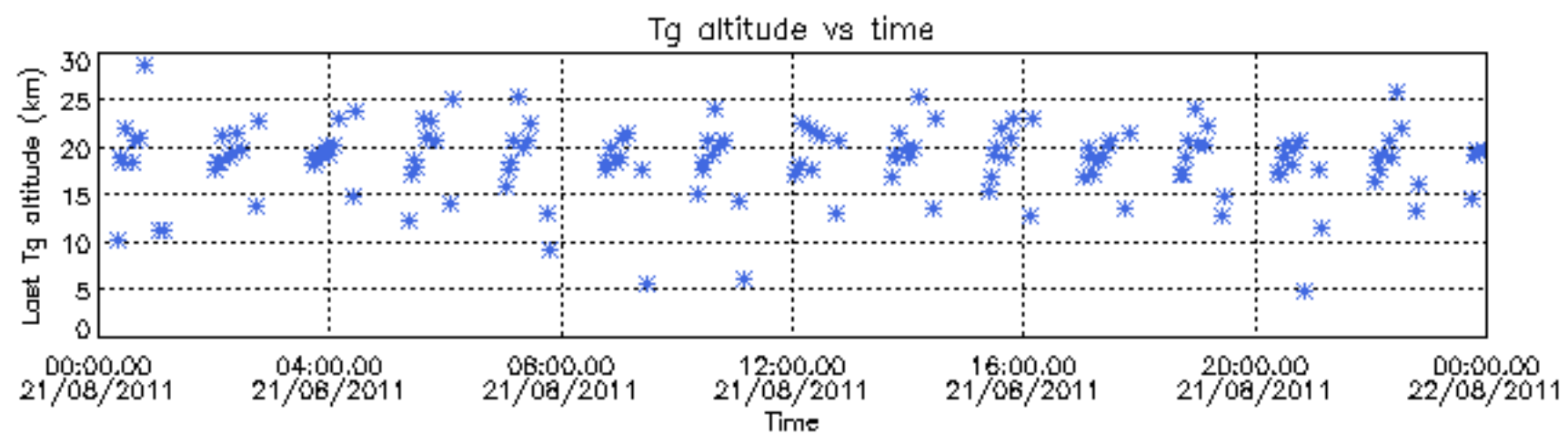


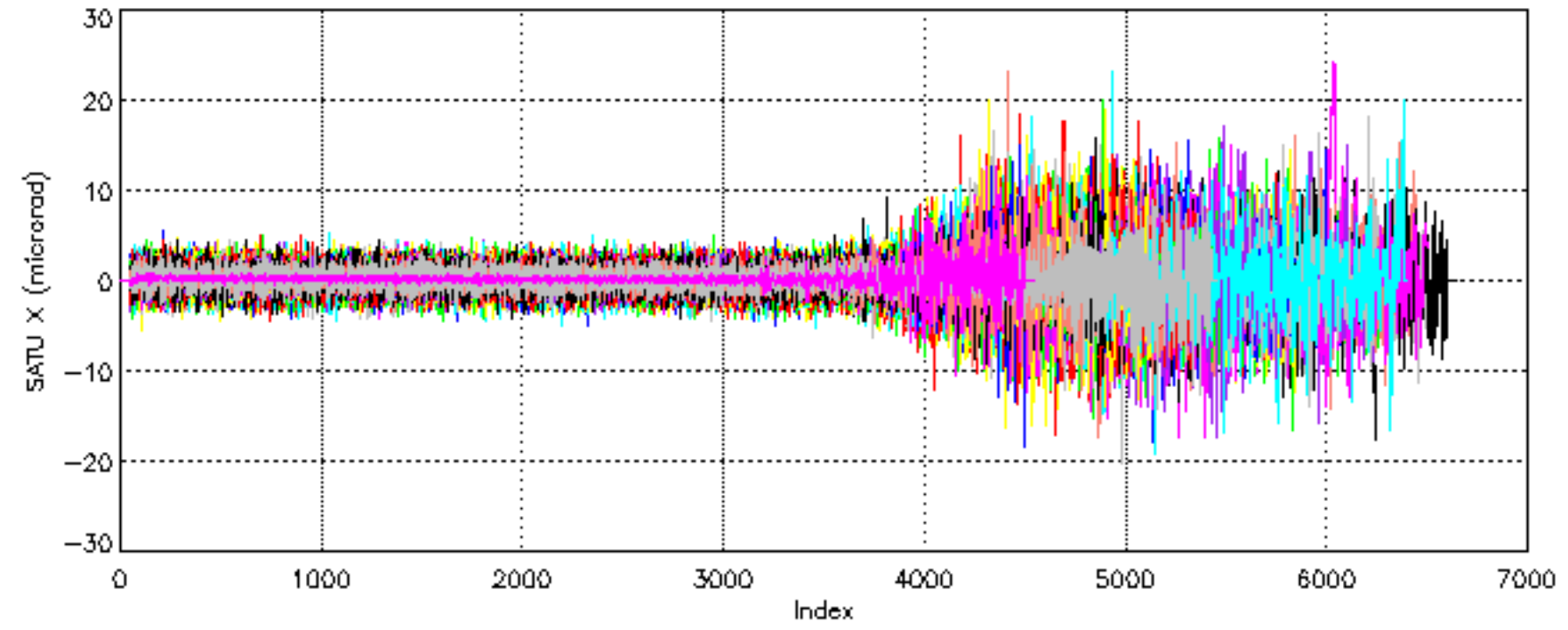
Tangent altitude at which the star is lost

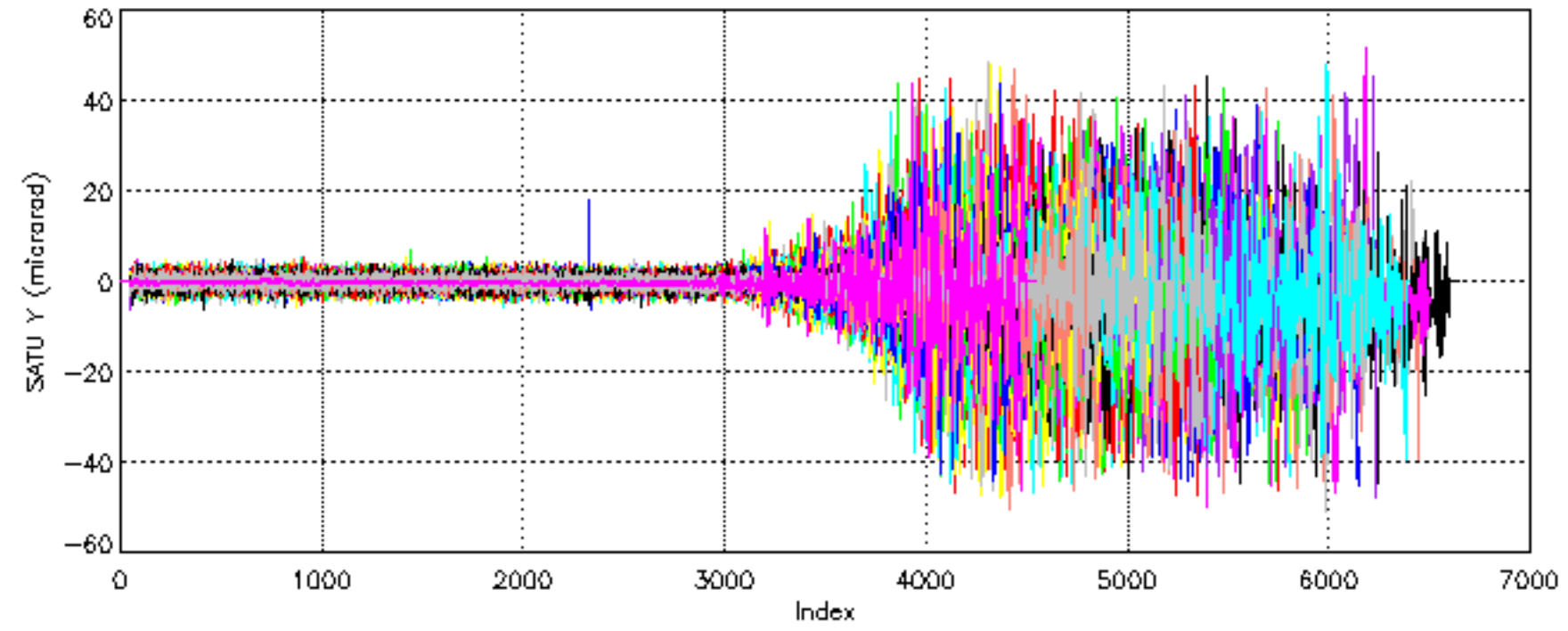


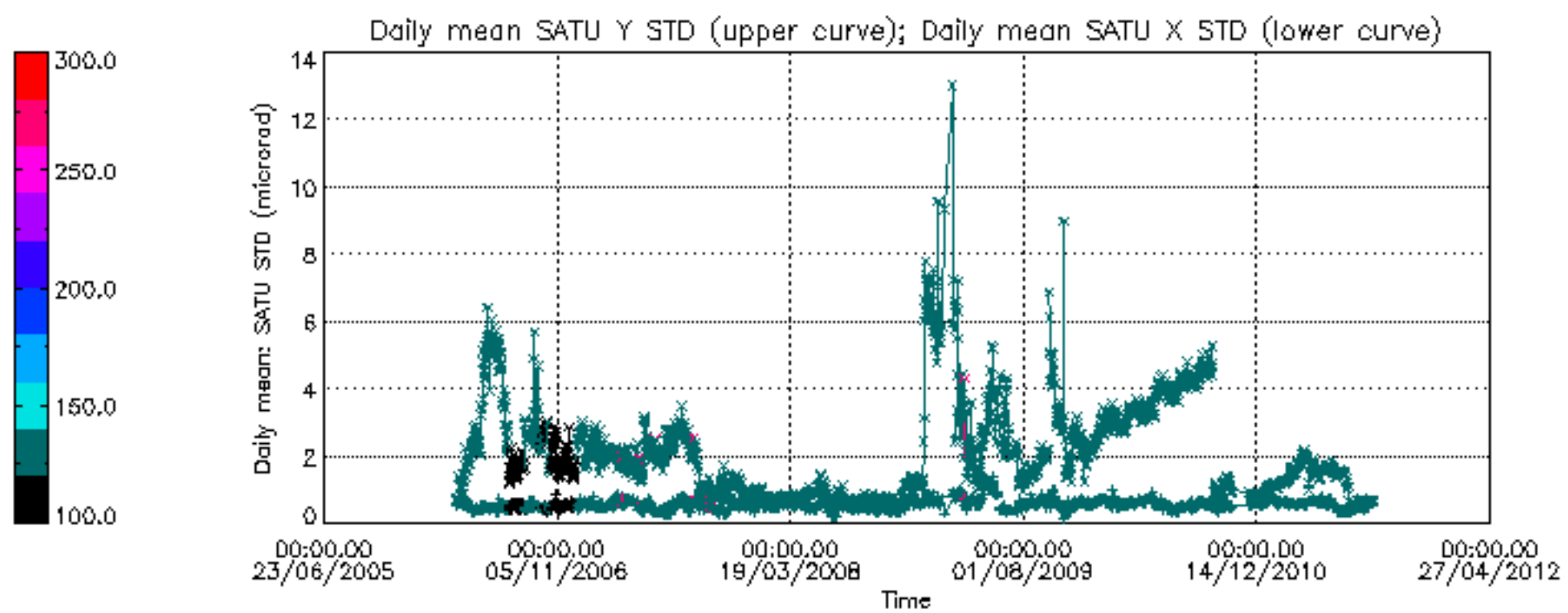


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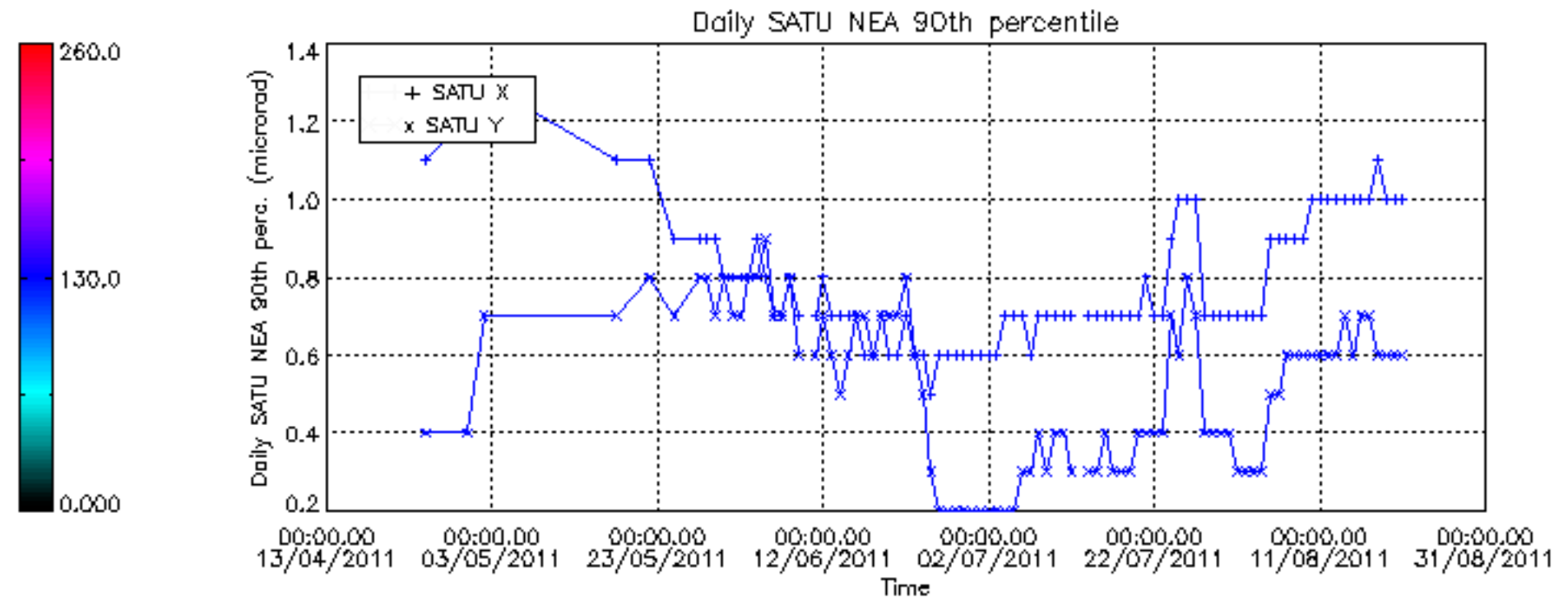












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 9; 4178.8; 06-AUG-2011 18:35:32; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;49337

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 25; 7017.9; 14-AUG-2011 19:29:38; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;49453

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 19; 5180.4; 14-AUG-2011 20:39:15; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;49453  
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 23; 6210.9; 14-AUG-2011 20:56:25; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49454  
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5; -1106.6; 15-AUG-2011 03:15:37; Dark ; 56.0; 14; 58Alp Ori ; 0.87; 3000;occ; 112; 0;49457
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4; 1787.8; 15-AUG-2011 20:46:12; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;49468
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9; 2678.0; 15-AUG-2011 21:01:02; Bright; 55.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 110; 0;49468
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12; 1907.3; 15-AUG-2011 22:28:25; Bright; 47.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 95; 0;49469
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 13; 825.9; 18-AUG-2011 03:37:51; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;49501  
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5; 2666.8; 21-AUG-2011 12:19:43; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49549
6; 2979.1; 21-AUG-2011 12:24:55; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49549
7; 3218.7; 21-AUG-2011 12:28:55; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;49549
8; 4160.5; 21-AUG-2011 12:44:37; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;49549
9; 4350.5; 21-AUG-2011 12:47:47; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;49549
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11; 4722.6; 21-AUG-2011 12:53:59; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;49549
12; 4951.4; 21-AUG-2011 12:57:48; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;49549
13; 5042.4; 21-AUG-2011 12:59:19; Dark ; 60.0; 27; 24Gam Ori ; 1.64; 26000;occ; 120; 0;49549
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22; 7008.5; 21-AUG-2011 13:32:05; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;49550
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 9; 3351.1; 21-AUG-2011 14:11:21; Bright; 25.0; 76; 27Gam Cas ; 2.30; 30000;occ; 50; 0;49550  
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 13; 4723.1; 21-AUG-2011 14:34:13; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;49550  
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 16; 5160.9; 21-AUG-2011 14:41:31; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;49550  
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 21; 6327.1; 21-AUG-2011 15:00:57; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;49551  
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 9; 3350.2; 21-AUG-2011 15:51:34; Bright; 25.0; 76; 27Gam Cas ; 2.30; 30000;occ; 50; 0;49551  
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 23; 6878.8; 21-AUG-2011 16:50:23; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;49552  
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 6; 2475.1; 21-AUG-2011 17:17:13; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49552  
 7; 2666.4; 21-AUG-2011 17:20:25; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49552  
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 10; 3349.6; 21-AUG-2011 17:31:48; Bright; 26.0; 76; 27Gam Cas ; 2.30; 30000;occ; 52; 0;49552  
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17; 5162.4; 21-AUG-2011 18:02:01; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;49552  
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 6; 2475.0; 21-AUG-2011 18:57:27; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;49553  
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7; 1022.9; 26-AUG-2011 23:50:43; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;49628
8; 1302.5; 26-AUG-2011 23:55:23; Dark ; 47.0; 18; 24Alp PsA ; 1.17; 9700;occ; 94; 0;49628

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9; 1600.8; 27-AUG-2011 00:00:21; Dark ; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;49628  
 10; 1791.4; 27-AUG-2011 00:03:32; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49628  
 11; 1885.8; 27-AUG-2011 00:05:06; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;49628  
 12; 2066.8; 27-AUG-2011 00:08:07; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49628  
 13; 2517.6; 27-AUG-2011 00:15:38; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;49628  
 14; 2966.1; 27-AUG-2011 00:23:06; Bright; 33.5; 89; 5Alp Cep ; 2.45; 8000;occ; 67; 0;49628  
 15; 3163.3; 27-AUG-2011 00:26:23; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49628  
 16; 3293.8; 27-AUG-2011 00:28:34; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;49628  
 17; 4146.4; 27-AUG-2011 00:42:47; Bright; 56.5; 6; 13Alp Aur ; 0.08; 3400;occ; 113; 0;49628  
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 21; 4835.2; 27-AUG-2011 00:54:15; Dark ; 39.0; 153; 3Bet CMi ; 2.89; 13100;occ; 78; 0;49628  
 22; 4998.9; 27-AUG-2011 00:56:59; Dark ; 71.5; 14; 58Alp Ori ; 0.87; 3000;occ; 143; 0;49628  
 23; 5228.3; 27-AUG-2011 01:00:48; Dark ; 29.0; 30; 46Eps Ori ; 1.69; 30000;occ; 58; 0;49628  
 24; 5316.1; 27-AUG-2011 01:02:16; Dark ; 2.5; 1; 9Alp Cma ; -1.44; 11000;occ; 5; 0;49628

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1; 1301.4; 26-AUG-2011 17:14:26; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;49624  
 2; 1600.4; 26-AUG-2011 17:19:25; Dark ; 49.0; 142; 49Del Cap ; 2.85; 8900;occ; 98; 0;49624  
 3; 1791.2; 26-AUG-2011 17:22:36; Bright; 38.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 77; 0;49624  
 4; 1886.2; 26-AUG-2011 17:24:11; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;49624  
 5; 2067.3; 26-AUG-2011 17:27:12; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;49624  
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 7; 2966.6; 26-AUG-2011 17:42:11; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49624  
 8; 3166.0; 26-AUG-2011 17:45:30; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;49624  
 9; 3296.8; 26-AUG-2011 17:47:41; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;49624  
 10; 4147.3; 26-AUG-2011 18:01:52; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;49624  
 11; 4353.5; 26-AUG-2011 18:05:18; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;49624  
 12; 4644.1; 26-AUG-2011 18:10:08; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;49624  
 13; 4746.1; 26-AUG-2011 18:11:50; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;49624  
 14; 4834.2; 26-AUG-2011 18:13:19; Dark ; 40.0; 153; 3Bet CMi ; 2.89; 13100;occ; 80; 0;49624  
 15; 4996.5; 26-AUG-2011 18:16:01; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;49624  
 16; 5224.7; 26-AUG-2011 18:19:49; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;49624  
 17; 5314.1; 26-AUG-2011 18:21:18; Dark ; 47.5; 1; 9Alp Cma ; -1.44; 11000;occ; 95; 0;49624  
 18; 5526.6; 26-AUG-2011 18:24:51; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;49624  
 19; 5710.0; 26-AUG-2011 18:27:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49624  
 20; 6417.9; 26-AUG-2011 18:39:42; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49625  
 21; 6572.9; 26-AUG-2011 18:42:17; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;49625  
 22; 6929.1; 26-AUG-2011 18:48:13; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;49625  
 23; 7036.1; 26-AUG-2011 18:50:00; Dark ; 14.0; 63; Bet Gru ; 2.15; 2800;occ; 28; 0;49625

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 3; 1600.6; 26-AUG-2011 18:59:39; Dark ; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;49625  
 4; 1791.2; 26-AUG-2011 19:02:50; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49625  
 5; 1886.1; 26-AUG-2011 19:04:24; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;49625  
 6; 2067.2; 26-AUG-2011 19:07:26; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;49625  
 7; 2519.5; 26-AUG-2011 19:14:58; Bright; 44.5; 164; 44Eta Peg ; 2.95; 5400;occ; 89; 0;49625  
 8; 2966.6; 26-AUG-2011 19:22:25; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49625  
 9; 3165.3; 26-AUG-2011 19:25:44; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;49625  
 10; 3295.9; 26-AUG-2011 19:27:54; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;49625  
 11; 4147.0; 26-AUG-2011 19:42:05; Bright; 57.0; 6; 13Alp Aur ; 0.08; 3400;occ; 114; 0;49625  
 12; 4353.5; 26-AUG-2011 19:45:32; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;49625  
 13; 4644.4; 26-AUG-2011 19:50:23; Dark ; 54.0; 151; 13Mu Gem ; 2.89; 3000;occ; 108; 0;49625  
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 15; 4834.5; 26-AUG-2011 19:53:33; Dark ; 40.5; 153; 3Bet CMi ; 2.89; 13100;occ; 81; 0;49625  
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 17; 5225.6; 26-AUG-2011 20:00:04; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;49625  
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 21; 6419.0; 26-AUG-2011 20:19:57; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49626  
 22; 6573.5; 26-AUG-2011 20:22:32; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;49626

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 3; -482.8; 27-AUG-2011 01:05:51; Dark ; 51.0; 101; 11Alp Lep ; 2.58; 7000;occ; 102; 0;49628  
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6;	561.3;	27-AUG-2011	01:23:15;	Dark	;	44.5;	9;	Alp Eri	;	0.45;	24000;occ;	89;	0;	49629
7;	917.6;	27-AUG-2011	01:29:12;	Dark	;	52.0;	84;	Alp Phe	;	2.40;	4500;occ;	104;	0;	49629
8;	1023.3;	27-AUG-2011	01:30:57;	Dark	;	55.0;	63;	Bet Gru	;	2.15;	2800;occ;	110;	0;	49629
9;	1302.8;	27-AUG-2011	01:35:37;	Dark	;	46.5;	18;	24Alp PsA	;	1.17;	9700;occ;	93;	0;	49629
10;	1600.8;	27-AUG-2011	01:40:35;	Dark	;	44.0;	142;	49Del Cap	;	2.85;	8900;occ;	88;	0;	49629
11;	1791.5;	27-AUG-2011	01:43:46;	Bright;	;	39.5;	154;	22Bet Aqr	;	2.90;	5700;occ;	79;	0;	49629
12;	1885.8;	27-AUG-2011	01:45:20;	Bright;	;	41.5;	162;	34Alp Aqr	;	2.94;	5350;occ;	83;	0;	49629
13;	2066.7;	27-AUG-2011	01:48:21;	Bright;	;	39.0;	61;	8Eps Peg	;	2.10;	3900;occ;	78;	0;	49629
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16;	3162.6;	27-AUG-2011	02:06:37;	Bright;	;	44.0;	74;	11Bet Cas	;	2.27;	6600;occ;	88;	0;	49629
17;	3293.1;	27-AUG-2011	02:08:47;	Bright;	;	45.5;	76;	27Gam Cas	;	2.30;	30000;occ;	91;	0;	49629
18;	4146.2;	27-AUG-2011	02:23:00;	Bright;	;	56.0;	6;	13Alp Aur	;	0.08;	3400;occ;	112;	0;	49629
19;	4353.6;	27-AUG-2011	02:26:28;	Bright;	;	43.5;	107;	37The Aur	;	2.65;	11000;occ;	87;	0;	49629
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21;	4747.6;	27-AUG-2011	02:33:02;	Dark	;	49.5;	44;	24Gam Gem	;	1.93;	11000;occ;	99;	0;	49629
22;	4835.6;	27-AUG-2011	02:34:30;	Dark	;	39.5;	153;	3Bet CMi	;	2.89;	13100;occ;	79;	0;	49629
23;	4999.8;	27-AUG-2011	02:37:14;	Dark	;	66.0;	14;	58Alp Ori	;	0.87;	3000;occ;	132;	0;	49629
24;	5229.5;	27-AUG-2011	02:41:04;	Dark	;	29.0;	30;	46Eps Ori	;	1.69;	30000;occ;	58;	0;	49629
25;	5316.7;	27-AUG-2011	02:42:31;	Dark	;	48.0;	1;	9Alp CMA	;	-1.44;	11000;occ;	96;	0;	49629
26;	5531.7;	27-AUG-2011	02:46:06;	Dark	;	51.5;	101;	11Alp Lep	;	2.58;	7000;occ;	103;	0;	49629
27;	5715.0;	27-AUG-2011	02:49:09;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	49629
28;	6424.0;	27-AUG-2011	03:00:58;	Dark	;	54.0;	157;	The1Eri	;	2.91;	9300;occ;	108;	0;	49630
29;	6575.9;	27-AUG-2011	03:03:30;	Dark	;	47.0;	9;	Alp Eri	;	0.45;	24000;occ;	94;	0;	49630
30;	6932.2;	27-AUG-2011	03:09:26;	Dark	;	52.0;	84;	Alp Phe	;	2.40;	4500;occ;	104;	0;	49630
31;	7037.7;	27-AUG-2011	03:11:12;	Dark	;	43.0;	63;	Bet Gru	;	2.15;	2800;occ;	86;	0;	49630
32;	7317.2;	27-AUG-2011	03:15:51;	Dark	;	49.0;	18;	24Alp PsA	;	1.17;	9700;occ;	98;	0;	49630
33;	7615.0;	27-AUG-2011	03:20:49;	Dark	;	49.0;	142;	49Del Cap	;	2.85;	8900;occ;	98;	0;	49630
34;	7899.8;	27-AUG-2011	03:25:34;	Bright;	;	41.5;	162;	34Alp Aqr	;	2.94;	5350;occ;	83;	0;	49630
35;	8080.7;	27-AUG-2011	03:28:35;	Bright;	;	40.0;	61;	8Eps Peg	;	2.10;	3900;occ;	80;	0;	49630
36;	8530.4;	27-AUG-2011	03:36:04;	Bright;	;	45.0;	164;	44Eta Peg	;	2.95;	5400;occ;	90;	0;	49630
37;	8979.8;	27-AUG-2011	03:43:34;	Bright;	;	37.5;	89;	5Alp Cep	;	2.45;	8000;occ;	75;	0;	49630
38;	9176.0;	27-AUG-2011	03:46:50;	Bright;	;	46.0;	74;	11Bet Cas	;	2.27;	6600;occ;	92;	0;	49630
39;	9306.3;	27-AUG-2011	03:49:00;	Bright;	;	47.0;	76;	27Gam Cas	;	2.30;	30000;occ;	94;	0;	49630
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2;	-1660.3;	27-AUG-2011	04:06:42;	Bright;	;	43.0;	107;	37The Aur	;	2.65;	11000;occ;	86;	0;	49630
3;	-1368.3;	27-AUG-2011	04:11:34;	Dark	;	57.0;	151;	13Mu Gem	;	2.89;	3000;occ;	114;	0;	49630
4;	-1265.9;	27-AUG-2011	04:13:16;	Dark	;	49.0;	44;	24Gam Gem	;	1.93;	11000;occ;	98;	0;	49630
5;	-1178.2;	27-AUG-2011	04:14:44;	Dark	;	39.5;	153;	3Bet CMi	;	2.89;	13100;occ;	79;	0;	49630
6;	-1013.5;	27-AUG-2011	04:17:29;	Dark	;	60.0;	14;	58Alp Ori	;	0.87;	3000;occ;	120;	0;	49630
7;	-696.8;	27-AUG-2011	04:22:45;	Dark	;	49.0;	1;	9Alp CMA	;	-1.44;	11000;occ;	98;	0;	49630
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9;	-297.9;	27-AUG-2011	04:29:24;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	49630
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11;	562.6;	27-AUG-2011	04:43:45;	Dark	;	44.0;	9;	Alp Eri	;	0.45;	24000;occ;	88;	0;	49631
12;	918.9;	27-AUG-2011	04:49:41;	Dark	;	53.0;	84;	Alp Phe	;	2.40;	4500;occ;	106;	0;	49631
13;	1024.1;	27-AUG-2011	04:51:26;	Dark	;	46.5;	63;	Bet Gru	;	2.15;	2800;occ;	93;	0;	49631
14;	1303.4;	27-AUG-2011	04:56:05;	Dark	;	49.5;	18;	24Alp PsA	;	1.17;	9700;occ;	99;	0;	49631
15;	1601.1;	27-AUG-2011	05:01:03;	Dark	;	45.0;	142;	49Del Cap	;	2.85;	8900;occ;	90;	0;	49631
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18;	2515.9;	27-AUG-2011	05:16:18;	Bright;	;	46.5;	164;	44Eta Peg	;	2.95;	5400;occ;	93;	0;	49631
19;	2965.8;	27-AUG-2011	05:23:48;	Bright;	;	37.0;	89;	5Alp Cep	;	2.45;	8000;occ;	74;	0;	49631
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21;	3291.7;	27-AUG-2011	05:29:14;	Bright;	;	45.5;	76;	27Gam Cas	;	2.30;	30000;occ;	91;	0;	49631
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2;	-1660.4;	27-AUG-2011	05:46:56;	Bright;	;	45.0;	107;	37The Aur	;	2.65;	11000;occ;	90;	0;	49631
3;	-1368.0;	27-AUG-2011	05:51:48;	Dark	;	56.0;	151;	13Mu Gem	;	2.89;	3000;occ;	112;	0;	49631
4;	-1265.6;	27-AUG-2011	05:53:31;	Dark	;	46.0;	44;	24Gam Gem	;	1.93;	11000;occ;	92;	0;	49631
5;	-1177.9;	27-AUG-2011	05:54:58;	Dark	;	40.0;	153;	3Bet CMi	;	2.89;	13100;occ;	80;	0;	49631
6;	-1013.0;	27-AUG-2011	05:57:43;	Dark	;	62.0;	14;	58Alp Ori	;	0.87;	3000;occ;	124;	0;	49631
7;	-696.4;	27-AUG-2011	06:03:00;	Dark	;	50.5;	1;	9Alp CMA	;	-1.44;	11000;occ;	101;	0;	49631
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9;	-296.8;	27-AUG-2011	06:09:39;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	49631
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13; 2508.3; 28-AUG-2011 02:59:12; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;49644
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19; 2508.0; 28-AUG-2011 04:39:26; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;49645
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14; 1320.1; 31-AUG-2011 04:09:38; Dark ; 45.0; 18; 24Alp PsA ; 1.17; 9700;occ; 90; 0;49688
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