

GOMOS Daily Report 19-AUG-2011

Level 0 and Level 1 products

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

[4. Dark Charge monitoring](#)

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

[4.2 Plot of Dark Charge](#)

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

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

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

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

[6. Star tangent altitude lost](#)

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

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

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

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

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

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

[7.2 SATU Noise Equivalent Angle statistics](#)

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

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

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

[Level 2 products](#)

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	22AUG2011 07:06:12
Data source version	GOMOS/6.01
Start time of products	19AUG2011 00:01:38
Stop time of products	19AUG2011 23:59:32
Store outputs in DB	Yes
Nb of level 1b prods	330
Nb of prods with errors	3

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

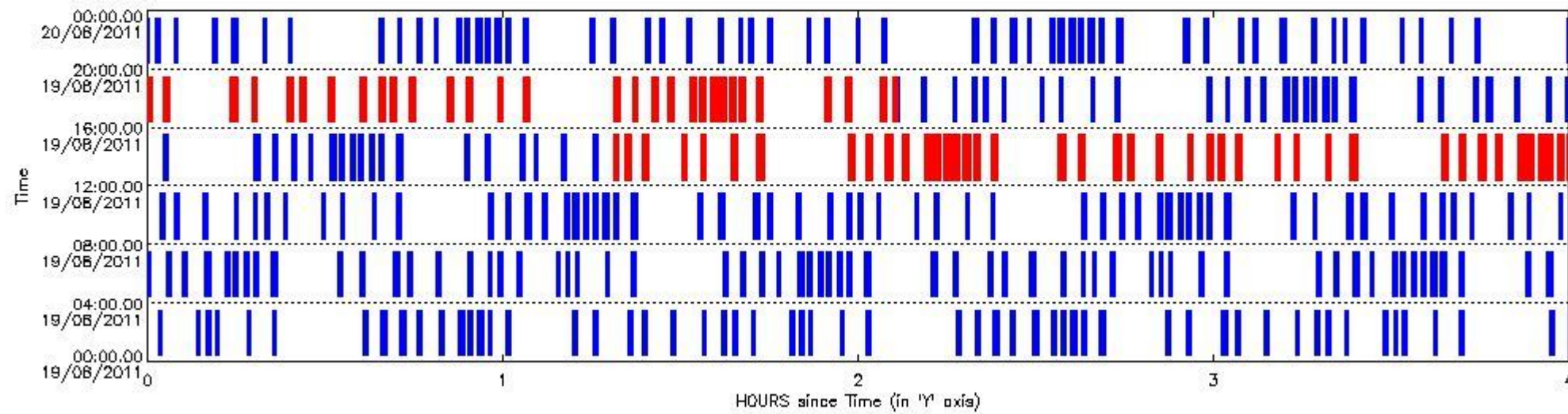
2.1 Level 0 products arrived in PCF (see template [here](#))

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
19-AUG-2011 13:18:37	22BetAqr	154	49521
19-AUG-2011 13:20:27	34AlpAqr	162	49521
19-AUG-2011 13:23:33	8EpsPeg	61	49521
19-AUG-2011 13:30:08	53EpsCyg	92	49521
19-AUG-2011 13:33:19	50AlpCyg	19	49521
19-AUG-2011 13:38:34	5AlpCep	89	49521
19-AUG-2011 13:42:49	11BetCas	74	49521
19-AUG-2011 13:58:14	13AlpAur	6	49521
19-AUG-2011 14:01:18	37TheAur	107	49521
19-AUG-2011 14:04:31	12BetTau	28	49521
19-AUG-2011 14:07:24	24GamGem	44	49521
19-AUG-2011 14:11:06	58AlpOri	14	49521
19-AUG-2011 14:12:31	24GamOri	27	49521
19-AUG-2011 14:14:29	46EpsOri	30	49521
19-AUG-2011 14:15:56	44IotOri	125	49521

19-AUG-2011 14:17:40	19BetOri	7	49521
19-AUG-2011 14:19:24	11AlpLep	101	49521
19-AUG-2011 14:22:24	DSA1062	0	49521
19-AUG-2011 14:33:41	The1Eri	157	49522
19-AUG-2011 14:37:15	AlpEri	9	49522
19-AUG-2011 14:43:06	AlpPhe	84	49522
19-AUG-2011 14:45:27	BetGru	63	49522
19-AUG-2011 14:50:10	24AlpPsA	18	49522
19-AUG-2011 14:55:31	49DelCap	142	49522
19-AUG-2011 14:58:51	22BetAqr	154	49522
19-AUG-2011 15:00:41	34AlpAqr	162	49522
19-AUG-2011 15:03:47	8EpsPeg	61	49522
19-AUG-2011 15:10:22	53EpsCyg	92	49522
19-AUG-2011 15:13:33	50AlpCyg	19	49522
19-AUG-2011 15:18:48	5AlpCep	89	49522
19-AUG-2011 15:23:02	11BetCas	74	49522
19-AUG-2011 15:38:28	13AlpAur	6	49522
19-AUG-2011 15:41:32	37TheAur	107	49522
19-AUG-2011 15:44:46	12BetTau	28	49522
19-AUG-2011 15:47:39	24GamGem	44	49522
19-AUG-2011 15:51:21	58AlpOri	14	49522
19-AUG-2011 15:52:46	24GamOri	27	49522
19-AUG-2011 15:54:43	46EpsOri	30	49522
19-AUG-2011 15:56:11	44lotOri	125	49522
19-AUG-2011 15:57:55	19BetOri	7	49522
19-AUG-2011 15:59:39	11AlpLep	101	49522
19-AUG-2011 16:02:38	DSA1062	0	49522
19-AUG-2011 16:13:57	The1Eri	157	49523
19-AUG-2011 16:17:30	AlpEri	9	49523
19-AUG-2011 16:23:20	AlpPhe	84	49523
19-AUG-2011 16:25:41	BetGru	63	49523
19-AUG-2011 16:30:24	24AlpPsA	18	49523
19-AUG-2011 16:35:45	49DelCap	142	49523
19-AUG-2011 16:39:05	22BetAqr	154	49523
19-AUG-2011 16:40:55	34AlpAqr	162	49523
19-AUG-2011 16:44:01	8EpsPeg	61	49523
19-AUG-2011 16:50:35	53EpsCyg	92	49523
19-AUG-2011 16:53:47	50AlpCyg	19	49523
19-AUG-2011 16:59:02	5AlpCep	89	49523
19-AUG-2011 17:03:15	11BetCas	74	49523
19-AUG-2011 17:18:42	13AlpAur	6	49523
19-AUG-2011 17:21:47	37TheAur	107	49523
19-AUG-2011 17:25:00	12BetTau	28	49523
19-AUG-2011 17:27:53	24GamGem	44	49523
19-AUG-2011 17:31:35	58AlpOri	14	49523
19-AUG-2011 17:33:01	24GamOri	27	49523
19-AUG-2011 17:34:58	46EpsOri	30	49523
19-AUG-2011 17:36:26	44lotOri	125	49523
19-AUG-2011 17:38:10	19BetOri	7	49523
19-AUG-2011 17:39:54	11AlpLep	101	49523
19-AUG-2011 17:42:53	DSA1062	0	49523
19-AUG-2011 17:54:12	The1Eri	157	49524
19-AUG-2011 17:57:45	AlpEri	9	49524
19-AUG-2011 18:03:35	AlpPhe	84	49524
19-AUG-2011 18:05:55	BetGru	63	49524

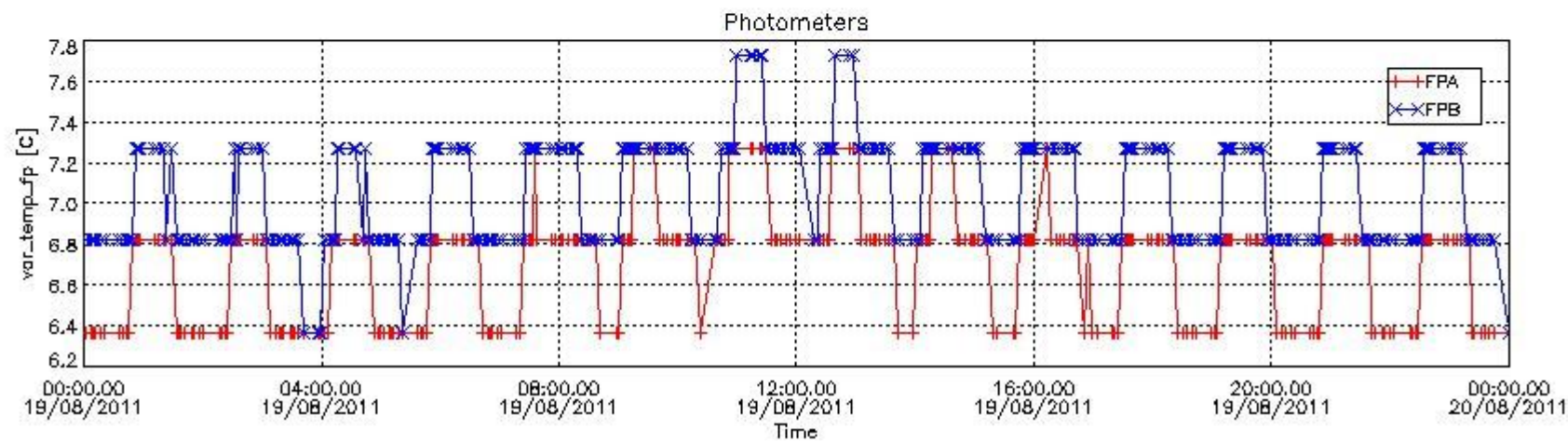
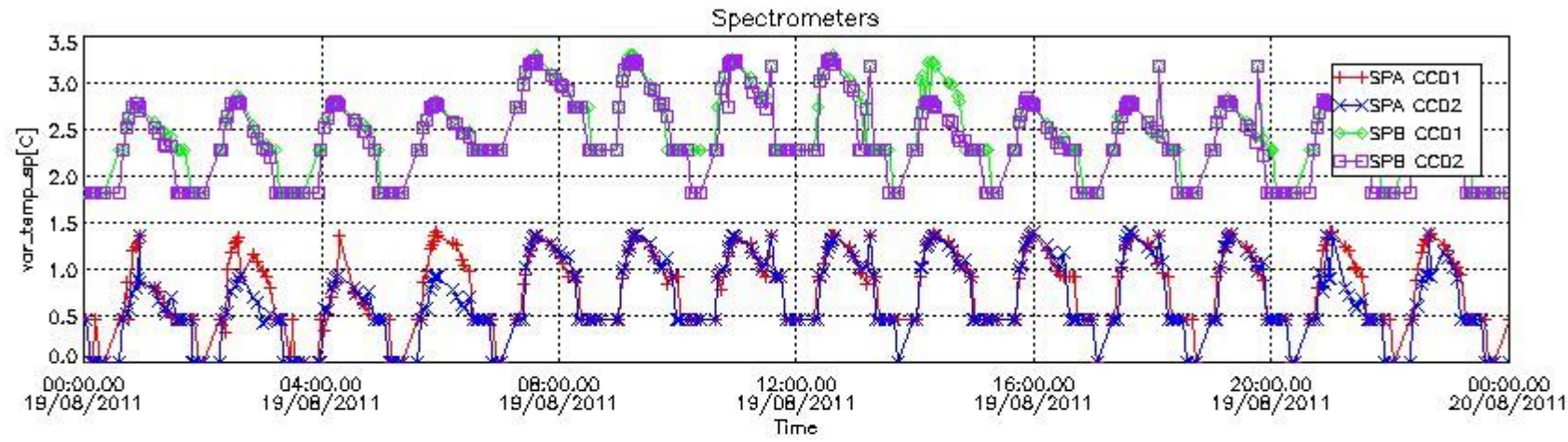
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20110819_000138_000000433105_00361_49513_6385.N1	19-AUG-2011 00:01:38	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	49513	No
2	GOM_TRA_1PNPDE20110819_000812_000000373105_00361_49513_6386.N1	19-AUG-2011 00:08:12	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	49513	No
3	GOM_TRA_1PNPDE20110819_000952_000000373105_00361_49513_6387.N1	19-AUG-2011 00:09:52	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49513	No
4	GOM_TRA_1PNPDE20110819_001124_000000363105_00361_49513_6388.N1	19-AUG-2011 00:11:24	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	49513	No
5	GOM_TRA_1PNPDE20110819_001639_000000393105_00361_49513_6389.N1	19-AUG-2011 00:16:39	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49513	No
6	GOM_TRA_1PNPDE20110819_002058_000000453105_00361_49513_6390.N1	19-AUG-2011 00:20:58	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	49513	No
7	GOM_TRA_1PNPDE20110819_003618_000000513105_00361_49513_6391.N1	19-AUG-2011 00:36:18	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	49513	No
8	GOM_TRA_1PNPDE20110819_003921_000000603105_00361_49513_6392.N1	19-AUG-2011 00:39:21	Bright	60.000	107	37The Aur	2.6490	11000.	120	49513	No
9	GOM_TRA_1PNPDE20110819_004233_000000563105_00361_49513_6393.N1	19-AUG-2011 00:42:33	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	49513	No
10	GOM_TRA_1PNPDE20110819_004526_000000463105_00361_49513_6394.N1	19-AUG-2011 00:45:26	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	49513	No
11	GOM_TRA_1PNPDE20110819_004906_000000543105_00361_49513_6395.N1	19-AUG-2011 00:49:06	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	49513	No
12	GOM_TRA_1PNPDE20110819_005227_000000543105_00361_49513_6396.N1	19-AUG-2011 00:52:27	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	49513	No
13	GOM_TRA_1PNPDE20110819_005354_000000483105_00361_49513_6397.N1	19-AUG-2011 00:53:54	Dark	47.500	125	44Iot Ori	2.7700	30000.	95	49513	No
14	GOM_TRA_1PNPDE20110819_005536_000000593105_00361_49513_6415.N1	19-AUG-2011 00:55:36	Dark	58.500	7	19Bet Ori	0.10000	14000.	117	49513	No
15	GOM_TRA_1PNPDE20110819_005721_000000473105_00361_49513_6416.N1	19-AUG-2011 00:57:21	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	49513	No
16	GOM_TRA_1PNPDE20110819_011135_000000513105_00362_49514_6417.N1	19-AUG-2011 01:11:35	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49514	No
17	GOM_TRA_1PNPDE20110819_011513_000000443105_00362_49514_6418.N1	19-AUG-2011 01:15:13	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49514	No
18	GOM_TRA_1PNPDE20110819_012103_000000503105_00362_49514_6419.N1	19-AUG-2011 01:21:03	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	49514	No
19	GOM_TRA_1PNPDE20110819_012327_000000573105_00362_49514_6420.N1	19-AUG-2011 01:23:27	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	49514	No
20	GOM_TRA_1PNPDE20110819_012810_000000553105_00362_49514_6421.N1	19-AUG-2011 01:28:10	Twilight	55.000	18	24Alp PsA	1.1660	9700.0	110	49514	No
21	GOM_TRA_1PNPDE20110819_013334_000000443105_00362_49514_6422.N1	19-AUG-2011 01:33:34	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49514	No
22	GOM_TRA_1PNPDE20110819_013654_000000423105_00362_49514_6423.N1	19-AUG-2011 01:36:54	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	49514	No
23	GOM_TRA_1PNPDE20110819_013845_000000463105_00362_49514_6424.N1	19-AUG-2011 01:38:45	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49514	No
24	GOM_TRA_1PNPDE20110819_014152_000000433105_00362_49514_6425.N1	19-AUG-2011 01:41:52	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	49514	No
25	GOM_TRA_1PNPDE20110819_014826_000000393105_00362_49514_6426.N1	19-AUG-2011 01:48:26	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49514	No
26	GOM_TRA_1PNPDE20110819_015006_000000383105_00362_49514_6427.N1	19-AUG-2011 01:50:06	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	49514	No
27	GOM_TRA_1PNPDE20110819_015138_000000393105_00362_49514_6428.N1	19-AUG-2011 01:51:38	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49514	No
28	GOM_TRA_1PNPDE20110819_015653_000000393105_00362_49514_6429.N1	19-AUG-2011 01:56:53	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49514	No
29	GOM_TRA_1PNPDE20110819_020111_000000483105_00362_49514_6430.N1	19-AUG-2011 02:01:11	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	49514	No
30	GOM_TRA_1PNPDE20110819_021632_000000533105_00362_49514_6431.N1	19-AUG-2011 02:16:32	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	49514	No
31	GOM_TRA_1PNPDE20110819_021936_000000553105_00362_49514_6432.N1	19-AUG-2011 02:19:36	Bright	54.500	107	37The Aur	2.6490	11000.	109	49514	No
32	GOM_TRA_1PNPDE20110819_022247_000000553105_00362_49514_6433.N1	19-AUG-2011 02:22:47	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	49514	No
33	GOM_TRA_1PNPDE20110819_022540_000000473105_00362_49514_6438.N1	19-AUG-2011 02:25:40	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	49514	No
34	GOM_TRA_1PNPDE20110819_022920_000000633105_00362_49514_6439.N1	19-AUG-2011 02:29:20	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	49514	No
35	GOM_TRA_1PNPDE20110819_023241_000000503105_00362_49514_6440.N1	19-AUG-2011 02:32:41	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	49514	No
36	GOM_TRA_1PNPDE20110819_023408_000000493105_00362_49514_6441.N1	19-AUG-2011 02:34:08	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	49514	No
37	GOM_TRA_1PNPDE20110819_023551_000000573105_00362_49514_6442.N1	19-AUG-2011 02:35:51	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	49514	No
38	GOM_TRA_1PNPDE20110819_023736_000000493105_00362_49514_6443.N1	19-AUG-2011 02:37:36	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49514	No
39	GOM_TRA_1PNPDE20110819_025150_000000523105_00363_49515_6444.N1	19-AUG-2011 02:51:50	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49515	No
40	GOM_TRA_1PNPDE20110819_025528_000000463105_00363_49515_6445.N1	19-AUG-2011 02:55:28	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49515	No
41	GOM_TRA_1PNPDE20110819_030118_000000553105_00363_49515_6446.N1	19-AUG-2011 03:01:18	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49515	No
42	GOM_TRA_1PNPDE20110819_030341_000000483105_00363_49515_6447.N1	19-AUG-2011 03:03:41	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	49515	No
43	GOM_TRA_1PNPDE20110819_030825_000000533105_00363_49515_6448.N1	19-AUG-2011 03:08:25	Twilight	53.000	18	24Alp PsA	1.1660	9700.0	106	49515	No
44	GOM_TRA_1PNPDE20110819_031348_000000423105_00363_49515_6449.N1	19-AUG-2011 03:13:48	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	49515	No
45	GOM_TRA_1PNPDE20110819_031708_000000393105_00363_49515_6450.N1	19-AUG-2011 03:17:08	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	49515	No
46	GOM_TRA_1PNPDE20110819_031859_000000473105_00363_49515_6451.N1	19-AUG-2011 03:18:59	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49515	No
47	GOM_TRA_1PNPDE20110819_032206_000000433105_00363_49515_6452.N1	19-AUG-2011 03:22:06	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	49515	No
48	GOM_TRA_1PNPDE20110819_032840_000000393105_00363_49515_6453.N1	19-AUG-2011 03:28:40	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49515	No
49	GOM_TRA_1PNPDE20110819_033020_000000383105_00363_49515_6454.N1	19-AUG-2011 03:30:20	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49515	No
50	GOM_TRA_1PNPDE20110819_033151_000000383105_00363_49515_6455.N1	19-AUG-2011 03:31:51	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49515	No
51	GOM_TRA_1PNPDE20110819_033707_000000393105_00363_49515_6456.N1	19-AUG-2011 03:37:07	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49515	No
52	GOM_TRA_1PNPDE20110819_034124_000000483105_00363_49515_6457.N1	19-AUG-2011 03:41:24	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	49515	No
53	GOM_TRA_1PNPDE20110819_035646_000000483105_00363_49515_6479.N1	19-AUG-2011 03:56:46	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	49515	No
54	GOM_TRA_1PNPDE20110819_035950_000000413105_00363_49515_6480.N1	19-AUG-2011 03:59:50	Bright	41.000	107	37The Aur	2.6490	11000.	82	49515	No
55	GOM_TRA_1PNPDE20110819_040301_000000563105_00363_49515_6481.N1	19-AUG-2011 04:03:01	Twilight	55.500	28	12Bet Tau	1.6500	15200.	111	49515	No
56	GOM_TRA_1PNPDE20110819_040554_000000443105_00363_49515_6482.N1	19-AUG-2011 04:05:54	Twilight	43.500	44	24Gam Gem	1.9280	11000.	87	49515	No
57	GOM_TRA_1PNPDE20110819_040935_000000593105_00363_49515_6483.N1	19-AUG-2011 04:09:35	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	49515	No
58	GOM_TRA_1PNPDE20110819_041256_000000553105_00363_49515_6484.N1	19-AUG-2011 04:12:56	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	49515	No

59	GOM_TRA_1PNPDE20110819_041423_000000493105_00363_49515_6485.N1	19-AUG-2011 04:14:23	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	49515	No
60	GOM_TRA_1PNPDE20110819_041606_000000633105_00363_49515_6486.N1	19-AUG-2011 04:16:06	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	49515	No
61	GOM_TRA_1PNPDE20110819_041751_000000493105_00363_49515_6487.N1	19-AUG-2011 04:17:51	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	49515	No
62	GOM_TRA_1PNPDE20110819_043206_000000533105_00364_49516_6488.N1	19-AUG-2011 04:32:06	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49516	No
63	GOM_TRA_1PNPDE20110819_043543_000000463105_00364_49516_6489.N1	19-AUG-2011 04:35:43	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49516	No
64	GOM_TRA_1PNPDE20110819_044132_000000523105_00364_49516_6490.N1	19-AUG-2011 04:41:32	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	49516	No
65	GOM_TRA_1PNPDE20110819_044356_000000443105_00364_49516_6491.N1	19-AUG-2011 04:43:56	Straylight	44.000	63	Bet Gru	2.1500	2800.0	88	49516	No
66	GOM_TRA_1PNPDE20110819_044839_000000533105_00364_49516_6492.N1	19-AUG-2011 04:48:39	Tw_i_and_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	49516	No
67	GOM_TRA_1PNPDE20110819_045402_000000433105_00364_49516_6493.N1	19-AUG-2011 04:54:02	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	49516	No
68	GOM_TRA_1PNPDE20110819_045722_000000413105_00364_49516_6494.N1	19-AUG-2011 04:57:22	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49516	No
69	GOM_TRA_1PNPDE20110819_045913_000000463105_00364_49516_6495.N1	19-AUG-2011 04:59:13	Bright	46.000	162	34Alp Aqr	2.9440	5350.0	92	49516	No
70	GOM_TRA_1PNPDE20110819_050220_000000453105_00364_49516_6496.N1	19-AUG-2011 05:02:20	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	49516	No
71	GOM_TRA_1PNPDE20110819_050854_000000393105_00364_49516_6497.N1	19-AUG-2011 05:08:54	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49516	No
72	GOM_TRA_1PNPDE20110819_051034_000000363105_00364_49516_6498.N1	19-AUG-2011 05:10:34	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	49516	No
73	GOM_TRA_1PNPDE20110819_051205_000000393105_00364_49516_6499.N1	19-AUG-2011 05:12:05	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49516	No
74	GOM_TRA_1PNPDE20110819_051721_000000383105_00364_49516_6500.N1	19-AUG-2011 05:17:21	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49516	No
75	GOM_TRA_1PNPDE20110819_052138_000000473105_00364_49516_6501.N1	19-AUG-2011 05:21:38	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	49516	No
76	GOM_TRA_1PNPDE20110819_053700_000000523105_00364_49516_6526.N1	19-AUG-2011 05:37:00	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	49516	No
77	GOM_TRA_1PNPDE20110819_054003_000000483105_00364_49516_6527.N1	19-AUG-2011 05:40:03	Bright	47.500	107	37The Aur	2.6490	11000.	95	49516	No
78	GOM_TRA_1PNPDE20110819_054316_000000573105_00364_49516_6528.N1	19-AUG-2011 05:43:16	Tw_i_and_stray	57.000	28	12Bet Tau	1.6500	15200.	114	49516	No
79	GOM_TRA_1PNPDE20110819_054608_000000463105_00364_49516_6529.N1	19-AUG-2011 05:46:08	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	49516	No
80	GOM_TRA_1PNPDE20110819_054949_000000533105_00364_49516_6530.N1	19-AUG-2011 05:49:49	Dark	52.500	14	58Alp Ori	0.87000	3000.0	105	49516	No
81	GOM_TRA_1PNPDE20110819_055113_000000583105_00364_49516_6531.N1	19-AUG-2011 05:51:13	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	49516	No
82	GOM_TRA_1PNPDE20110819_055311_000000523105_00364_49516_6532.N1	19-AUG-2011 05:53:11	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49516	No
83	GOM_TRA_1PNPDE20110819_055438_000000493105_00364_49516_6533.N1	19-AUG-2011 05:54:38	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	49516	No
84	GOM_TRA_1PNPDE20110819_055621_000000583105_00364_49516_6534.N1	19-AUG-2011 05:56:21	Dark	57.500	7	19Bet Ori	0.10000	14000.	115	49516	No
85	GOM_TRA_1PNPDE20110819_055806_000000483105_00364_49516_6535.N1	19-AUG-2011 05:58:06	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	49516	No
86	GOM_TRA_1PNPDE20110819_061221_000000513105_00365_49517_6536.N1	19-AUG-2011 06:12:21	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49517	No
87	GOM_TRA_1PNPDE20110819_061557_000000463105_00365_49517_6537.N1	19-AUG-2011 06:15:57	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49517	No
88	GOM_TRA_1PNPDE20110819_062147_000000503105_00365_49517_6538.N1	19-AUG-2011 06:21:47	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	49517	No
89	GOM_TRA_1PNPDE20110819_062410_000000553105_00365_49517_6539.N1	19-AUG-2011 06:24:10	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	49517	No
90	GOM_TRA_1PNPDE20110819_062854_000000553105_00365_49517_6540.N1	19-AUG-2011 06:28:54	Tw_i_and_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	49517	No
91	GOM_TRA_1PNPDE20110819_063416_000000443105_00365_49517_6541.N1	19-AUG-2011 06:34:16	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49517	No
92	GOM_TRA_1PNPDE20110819_063736_000000413105_00365_49517_6542.N1	19-AUG-2011 06:37:36	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49517	No
93	GOM_TRA_1PNPDE20110819_063927_000000453105_00365_49517_6543.N1	19-AUG-2011 06:39:27	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49517	No
94	GOM_TRA_1PNPDE20110819_064234_000000423105_00365_49517_6544.N1	19-AUG-2011 06:42:34	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	49517	No
95	GOM_TRA_1PNPDE20110819_064908_000000393105_00365_49517_6545.N1	19-AUG-2011 06:49:08	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49517	No
96	GOM_TRA_1PNPDE20110819_065048_000000373105_00365_49517_6546.N1	19-AUG-2011 06:50:48	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	49517	No
97	GOM_TRA_1PNPDE20110819_065219_000000383105_00365_49517_6547.N1	19-AUG-2011 06:52:19	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49517	No
98	GOM_TRA_1PNPDE20110819_065735_000000393105_00365_49517_6548.N1	19-AUG-2011 06:57:35	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49517	No
99	GOM_TRA_1PNPDE20110819_070151_000000473105_00365_49517_6549.N1	19-AUG-2011 07:01:51	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	49517	No
100	GOM_TRA_1PNPDK20110819_071714_000000493105_00365_49517_2991.N1	19-AUG-2011 07:17:14	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	49517	No
101	GOM_TRA_1PNPDK20110819_072018_000000393105_00365_49517_2992.N1	19-AUG-2011 07:20:18	Bright	39.000	107	37The Aur	2.6490	11000.	78	49517	No
102	GOM_TRA_1PNPDK20110819_072330_000000563105_00365_49517_2993.N1	19-AUG-2011 07:23:30	Tw_i_and_stray	56.000	28	12Bet Tau	1.6500	15200.	112	49517	No
103	GOM_TRA_1PNPDK20110819_072623_000000433105_00365_49517_2994.N1	19-AUG-2011 07:26:23	Tw_i_and_stray	42.500	44	24Gam Gem	1.9280	11000.	85	49517	No
104	GOM_TRA_1PNPDK20110819_073004_000000493105_00365_49517_2995.N1	19-AUG-2011 07:30:04	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	49517	No
105	GOM_TRA_1PNPDK20110819_073128_000000543105_00365_49517_2996.N1	19-AUG-2011 07:31:28	Dark	54.000	27	24Gam Ori	1.6360	26000.	108	49517	No
106	GOM_TRA_1PNPDK20110819_073325_000000513105_00365_49517_2997.N1	19-AUG-2011 07:33:25	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	49517	No
107	GOM_TRA_1PNPDK20110819_073453_000000503105_00365_49517_2998.N1	19-AUG-2011 07:34:53	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	49517	No
108	GOM_TRA_1PNPDK20110819_073636_000000603105_00365_49517_2999.N1	19-AUG-2011 07:36:36	Dark	60.000	7	19Bet Ori	0.10000	14000.	120	49517	No
109	GOM_TRA_1PNPDK20110819_073820_000000513105_00365_49517_3000.N1	19-AUG-2011 07:38:20	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	49517	No
110	GOM_TRA_1PNPDK20110819_075236_000000513105_00366_49518_3001.N1	19-AUG-2011 07:52:36	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49518	No
111	GOM_TRA_1PNPDK20110819_075612_000000563105_00366_49518_3002.N1	19-AUG-2011 07:56:12	Dark	55.500	9	Alp Eri	0.45300	24000.	111	49518	No
112	GOM_TRA_1PNPDK20110819_080202_000000523105_00366_49518_3003.N1	19-AUG-2011 08:02:02	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	49518	No
113	GOM_TRA_1PNPDK20110819_080425_000000573105_00366_49518_3004.N1	19-AUG-2011 08:04:25	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	49518	No
114	GOM_TRA_1PNPDK20110819_080908_000000533105_00366_49518_3005.N1	19-AUG-2011 08:09:08	Tw_i_and_stray	53.000	18	24Alp PsA	1.1660	9700.0	106	49518	No
115	GOM_TRA_1PNPDK20110819_081430_000000433105_00366_49518_3006.N1	19-AUG-2011 08:14:30	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49518	No
116	GOM_TRA_1PNPDK20110819_081750_000000403105_00366_49518_3038.N1	19-AUG-2011 08:17:50	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	49518	No
117	GOM_TRA_1PNPDK20110819_081941_000000463105_00366_49518_3039.N1	19-AUG-2011 08:19:41	Bright	46.000	162	34Alp Aqr	2.9440	5350.0	92	49518	No

236	GOM_TRA_1PNPDK20110819_165857_000000343105_00371_49523_3281.N1	19-AUG-2011 16:58:57	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	49523	No
237	GOM_TRA_1PNPDK20110819_170310_000000493105_00371_49523_3282.N1	19-AUG-2011 17:03:10	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	49523	No
238	GOM_TRA_1PNPDK20110819_171837_000000503105_00371_49523_3283.N1	19-AUG-2011 17:18:37	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	49523	No
239	GOM_TRA_1PNPDK20110819_172142_000000413105_00371_49523_3284.N1	19-AUG-2011 17:21:42	Bright	40.500	107	37The Aur	2.6490	11000.	81	49523	No
240	GOM_TRA_1PNPDK20110819_172455_000000573105_00371_49523_3285.N1	19-AUG-2011 17:24:55	Tw_i_and_stray	56.500	28	12Bet Tau	1.6500	15200.	113	49523	No
241	GOM_TRA_1PNPDK20110819_172748_000000473105_00371_49523_3286.N1	19-AUG-2011 17:27:48	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	49523	No
242	GOM_TRA_1PNPDK20110819_173131_000000563105_00371_49523_3287.N1	19-AUG-2011 17:31:31	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	49523	No
243	GOM_TRA_1PNPDK20110819_173256_000000583105_00371_49523_3288.N1	19-AUG-2011 17:32:56	Dark	57.500	27	24Gam Ori	1.6360	26000.	115	49523	No
244	GOM_TRA_1PNPDK20110819_173454_000000553105_00371_49523_3289.N1	19-AUG-2011 17:34:54	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	49523	No
245	GOM_TRA_1PNPDK20110819_173621_000000493105_00371_49523_3290.N1	19-AUG-2011 17:36:21	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	49523	No
246	GOM_TRA_1PNPDK20110819_173806_000000603105_00371_49523_3291.N1	19-AUG-2011 17:38:06	Dark	60.000	7	19Bet Ori	0.10000	14000.	120	49523	No
247	GOM_TRA_1PNPDK20110819_173949_000000503105_00371_49523_3292.N1	19-AUG-2011 17:39:49	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	49523	No
248	GOM_TRA_1PNPDK20110819_175407_000000533105_00372_49524_3293.N1	19-AUG-2011 17:54:07	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49524	No
249	GOM_TRA_1PNPDK20110819_175740_000000463105_00372_49524_3294.N1	19-AUG-2011 17:57:40	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49524	No
250	GOM_TRA_1PNPDK20110819_180331_000000583105_00372_49524_3295.N1	19-AUG-2011 18:03:31	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	49524	No
251	GOM_TRA_1PNPDK20110819_180551_000000543105_00372_49524_3295.N1	19-AUG-2011 18:05:51	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	49524	Yes
252	GOM_TRA_1PNPDK20110819_181034_000000543105_00372_49524_3296.N1	19-AUG-2011 18:10:34	Tw_i_and_stray	54.000	18	24Alp PsA	1.1660	9700.0	108	49524	No
253	GOM_TRA_1PNPDK20110819_181555_000000413105_00372_49524_3297.N1	19-AUG-2011 18:15:55	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	49524	No
254	GOM_TRA_1PNPDK20110819_181914_000000413105_00372_49524_3298.N1	19-AUG-2011 18:19:14	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49524	No
255	GOM_TRA_1PNPDK20110819_182104_000000463105_00372_49524_3299.N1	19-AUG-2011 18:21:04	Bright	46.000	162	34Alp Aqr	2.9440	5350.0	92	49524	No
256	GOM_TRA_1PNPDK20110819_182410_000000443105_00372_49524_3300.N1	19-AUG-2011 18:24:10	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	49524	No
257	GOM_TRA_1PNPDK20110819_183045_000000363105_00372_49524_3301.N1	19-AUG-2011 18:30:45	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	49524	No
258	GOM_TRA_1PNPDK20110819_183356_000000393105_00372_49524_3302.N1	19-AUG-2011 18:33:56	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49524	No
259	GOM_TRA_1PNPDK20110819_183911_000000383105_00372_49524_3303.N1	19-AUG-2011 18:39:11	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49524	No
260	GOM_TRA_1PNPDK20110819_184324_000000483105_00372_49524_3304.N1	19-AUG-2011 18:43:24	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	49524	No
261	GOM_TRA_1PNPDK20110819_185851_000000473105_00372_49524_3305.N1	19-AUG-2011 18:58:51	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49524	No
262	GOM_TRA_1PNPDK20110819_190156_000000423105_00372_49524_3306.N1	19-AUG-2011 19:01:56	Bright	41.500	107	37The Aur	2.6490	11000.	83	49524	No
263	GOM_TRA_1PNPDK20110819_190509_000000563105_00372_49524_3307.N1	19-AUG-2011 19:05:09	Tw_i_and_stray	55.500	28	12Bet Tau	1.6500	15200.	111	49524	No
264	GOM_TRA_1PNPDK20110819_190803_000000453105_00372_49524_3308.N1	19-AUG-2011 19:08:03	Tw_i_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	49524	No
265	GOM_TRA_1PNPDK20110819_191145_000000643105_00372_49524_3309.N1	19-AUG-2011 19:11:45	Dark	64.000	14	58Alp Ori	0.87000	3000.0	128	49524	No
266	GOM_TRA_1PNPDK20110819_191311_000000553105_00372_49524_3310.N1	19-AUG-2011 19:13:11	Dark	55.000	27	24Gam Ori	1.6360	26000.	110	49524	No
267	GOM_TRA_1PNPDK20110819_191508_000000513105_00372_49524_3311.N1	19-AUG-2011 19:15:08	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	49524	No
268	GOM_TRA_1PNPDK20110819_191636_000000493105_00372_49524_3312.N1	19-AUG-2011 19:16:36	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	49524	No
269	GOM_TRA_1PNPDK20110819_191821_000000643105_00372_49524_3313.N1	19-AUG-2011 19:18:21	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	49524	No
270	GOM_TRA_1PNPDK20110819_192004_000000503105_00372_49524_3314.N1	19-AUG-2011 19:20:04	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	49524	No
271	GOM_TRA_1PNPDK20110819_193422_000000523105_00373_49525_3315.N1	19-AUG-2011 19:34:22	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49525	No
272	GOM_TRA_1PNPDK20110819_193755_000000443105_00373_49525_3316.N1	19-AUG-2011 19:37:55	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49525	No
273	GOM_TRA_1PNPDK20110819_194345_000000503105_00373_49525_3317.N1	19-AUG-2011 19:43:45	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	49525	No
274	GOM_TRA_1PNPDE20110819_194605_000000543105_00373_49525_6668.N1	19-AUG-2011 19:46:05	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	49525	No
275	GOM_TRA_1PNPDE20110819_195049_000000543105_00373_49525_6669.N1	19-AUG-2011 19:50:49	Tw_i_and_stray	53.500	18	24Alp PsA	1.1660	9700.0	107	49525	No
276	GOM_TRA_1PNPDE20110819_195609_000000433105_00373_49525_6670.N1	19-AUG-2011 19:56:09	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	49525	No
277	GOM_TRA_1PNPDE20110819_195928_000000413105_00373_49525_6671.N1	19-AUG-2011 19:59:28	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49525	No
278	GOM_TRA_1PNPDE20110819_200118_000000463105_00373_49525_6672.N1	19-AUG-2011 20:01:18	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49525	No
279	GOM_TRA_1PNPDE20110819_200424_000000433105_00373_49525_6673.N1	19-AUG-2011 20:04:24	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	49525	No
280	GOM_TRA_1PNPDE20110819_201059_000000373105_00373_49525_6674.N1	19-AUG-2011 20:10:59	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	49525	No
281	GOM_TRA_1PNPDE20110819_201410_000000543105_00373_49525_6675.N1	19-AUG-2011 20:14:10	Bright	54.000	19	50Alp Cyg	1.2460	10500.	108	49525	No
282	GOM_TRA_1PNPDE20110819_201925_000000393105_00373_49525_6676.N1	19-AUG-2011 20:19:25	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49525	No
283	GOM_TRA_1PNPDE20110819_202337_000000453105_00373_49525_6677.N1	19-AUG-2011 20:23:37	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	49525	No
284	GOM_TRA_1PNPDE20110819_203905_000000513105_00373_49525_6678.N1	19-AUG-2011 20:39:05	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	49525	No
285	GOM_TRA_1PNPDE20110819_204210_000000393105_00373_49525_6679.N1	19-AUG-2011 20:42:10	Bright	39.000	107	37The Aur	2.6490	11000.	78	49525	No
286	GOM_TRA_1PNPDE20110819_204523_000000563105_00373_49525_6680.N1	19-AUG-2011 20:45:23	Tw_i_and_stray	56.000	28	12Bet Tau	1.6500	15200.	112	49525	No
287	GOM_TRA_1PNPDE20110819_204817_000000463105_00373_49525_6681.N1	19-AUG-2011 20:48:17	Tw_i_and_stray	46.000	44	24Gam Gem	1.9280	11000.	92	49525	No
288	GOM_TRA_1PNPDE20110819_205200_000000643105_00373_49525_6681.N1	19-AUG-2011 20:52:00	Dark	64.000	14	58Alp Ori	0.87000	3000.0	128	49525	No
289	GOM_TRA_1PNPDE20110819_205326_000000583105_00373_49525_6682.N1	19-AUG-2011 20:53:26	Dark	57.500	27	24Gam Ori	1.6360	26000.	115	49525	No
290	GOM_TRA_1PNPDE20110819_205523_000000553105_00373_49525_6683.N1	19-AUG-2011 20:55:23	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	49525	No
291	GOM_TRA_1PNPDE20110819_205650_000000473105_00373_49525_6684.N1	19-AUG-2011 20:56:50	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	49525	No
292	GOM_TRA_1PNPDE20110819_205836_000000593105_00373_49525_6685.N1	19-AUG-2011 20:58:36	Dark	58.500	7	19Bet Ori	0.10000	14000.	117	49525	No
293	GOM_TRA_1PNPDE20110819_210019_000000483105_00373_49525_6686.N1	19-AUG-2011 21:00:19	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	49525	No
294	GOM_TRA_1PNPDE20110819_211438_000000533105_00374_49526_6687.N1	19-AUG-2011 21:14:38	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49526	No

295	GOM_TRA_1PNPDE20110819_211809_000000453105_00374_49526_6688.N1	19-AUG-2011 21:18:09	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49526	No
296	GOM_TRA_1PNPDE20110819_212400_000000503105_00374_49526_6689.N1	19-AUG-2011 21:24:00	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	49526	No
297	GOM_TRA_1PNPDE20110819_212620_000000573105_00374_49526_6690.N1	19-AUG-2011 21:26:20	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	49526	No
298	GOM_TRA_1PNPDE20110819_213103_000000523105_00374_49526_6691.N1	19-AUG-2011 21:31:03	Twilight_and_stray	51.500	18	24Alp PsA	1.1660	9700.0	103	49526	No
299	GOM_TRA_1PNPDE20110819_213623_000000423105_00374_49526_6692.N1	19-AUG-2011 21:36:23	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	49526	No
300	GOM_TRA_1PNPDE20110819_213942_000000413105_00374_49526_6693.N1	19-AUG-2011 21:39:42	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49526	No
301	GOM_TRA_1PNPDE20110819_214132_000000463105_00374_49526_6694.N1	19-AUG-2011 21:41:32	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49526	No
302	GOM_TRA_1PNPDE20110819_214437_000000433105_00374_49526_6695.N1	19-AUG-2011 21:44:37	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	49526	No
303	GOM_TRA_1PNPDE20110819_215112_000000383105_00374_49526_6696.N1	19-AUG-2011 21:51:12	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49526	No
304	GOM_TRA_1PNPDE20110819_215424_000000383105_00374_49526_6697.N1	19-AUG-2011 21:54:24	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49526	No
305	GOM_TRA_1PNPDE20110819_215938_000000383105_00374_49526_6698.N1	19-AUG-2011 21:59:38	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49526	No
306	GOM_TRA_1PNPDE20110819_220350_000000463105_00374_49526_6699.N1	19-AUG-2011 22:03:50	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	49526	No
307	GOM_TRA_1PNPDE20110819_221919_000000523105_00374_49526_6700.N1	19-AUG-2011 22:19:19	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	49526	No
308	GOM_TRA_1PNPDE20110819_222224_000000443105_00374_49526_6701.N1	19-AUG-2011 22:22:24	Bright	43.500	107	37The Aur	2.6490	11000.	87	49526	No
309	GOM_TRA_1PNPDE20110819_222538_000000573105_00374_49526_6702.N1	19-AUG-2011 22:25:38	Twilight_and_stray	56.500	28	12Bet Tau	1.6500	15200.	113	49526	No
310	GOM_TRA_1PNPDE20110819_222831_000000433105_00374_49526_6703.N1	19-AUG-2011 22:28:31	Twilight_and_stray	42.500	44	24Gam Gem	1.9280	11000.	85	49526	No
311	GOM_TRA_1PNPDE20110819_223214_000000563105_00374_49526_6704.N1	19-AUG-2011 22:32:14	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	49526	No
312	GOM_TRA_1PNPDE20110819_223340_000000573105_00374_49526_6705.N1	19-AUG-2011 22:33:40	Dark	56.500	27	24Gam Ori	1.6360	26000.	113	49526	No
313	GOM_TRA_1PNPDE20110819_223538_000000523105_00374_49526_6706.N1	19-AUG-2011 22:35:38	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	49526	No
314	GOM_TRA_1PNPDE20110819_223705_000000493105_00374_49526_6707.N1	19-AUG-2011 22:37:05	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49526	No
315	GOM_TRA_1PNPDE20110819_223850_000000573105_00374_49526_6714.N1	19-AUG-2011 22:38:50	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	49526	No
316	GOM_TRA_1PNPDE20110819_224033_000000483105_00374_49526_6715.N1	19-AUG-2011 22:40:33	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	49526	No
317	GOM_TRA_1PNPDE20110819_225453_000000533105_00375_49527_6716.N1	19-AUG-2011 22:54:53	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49527	No
318	GOM_TRA_1PNPDE20110819_225824_000000443105_00375_49527_6717.N1	19-AUG-2011 22:58:24	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49527	No
319	GOM_TRA_1PNPDE20110819_230415_000000513105_00375_49527_6718.N1	19-AUG-2011 23:04:15	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	49527	No
320	GOM_TRA_1PNPDE20110819_230634_000000473105_00375_49527_6719.N1	19-AUG-2011 23:06:34	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	49527	No
321	GOM_TRA_1PNPDE20110819_231117_000000513105_00375_49527_6720.N1	19-AUG-2011 23:11:17	Twilight_and_stray	50.500	18	24Alp PsA	1.1660	9700.0	101	49527	No
322	GOM_TRA_1PNPDE20110819_231637_000000433105_00375_49527_6721.N1	19-AUG-2011 23:16:37	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49527	No
323	GOM_TRA_1PNPDE20110819_231956_000000413105_00375_49527_6722.N1	19-AUG-2011 23:19:56	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49527	No
324	GOM_TRA_1PNPDE20110819_232145_000000453105_00375_49527_6723.N1	19-AUG-2011 23:21:45	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	49527	No
325	GOM_TRA_1PNPDE20110819_232451_000000423105_00375_49527_6724.N1	19-AUG-2011 23:24:51	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49527	No
326	GOM_TRA_1PNPDE20110819_233126_000000373105_00375_49527_6725.N1	19-AUG-2011 23:31:26	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	49527	No
327	GOM_TRA_1PNPDE20110819_233438_000000353105_00375_49527_6726.N1	19-AUG-2011 23:34:38	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	49527	No
328	GOM_TRA_1PNPDE20110819_233952_000000363105_00375_49527_6727.N1	19-AUG-2011 23:39:52	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	49527	No
329	GOM_TRA_1PNPDE20110819_234403_000000453105_00375_49527_6728.N1	19-AUG-2011 23:44:03	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	49527	No
330	GOM_TRA_1PNPDE20110819_235932_000000513105_00375_49527_6729.N1	19-AUG-2011 23:59:32	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	49527	No

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



4. Overview of dark signal processing per product

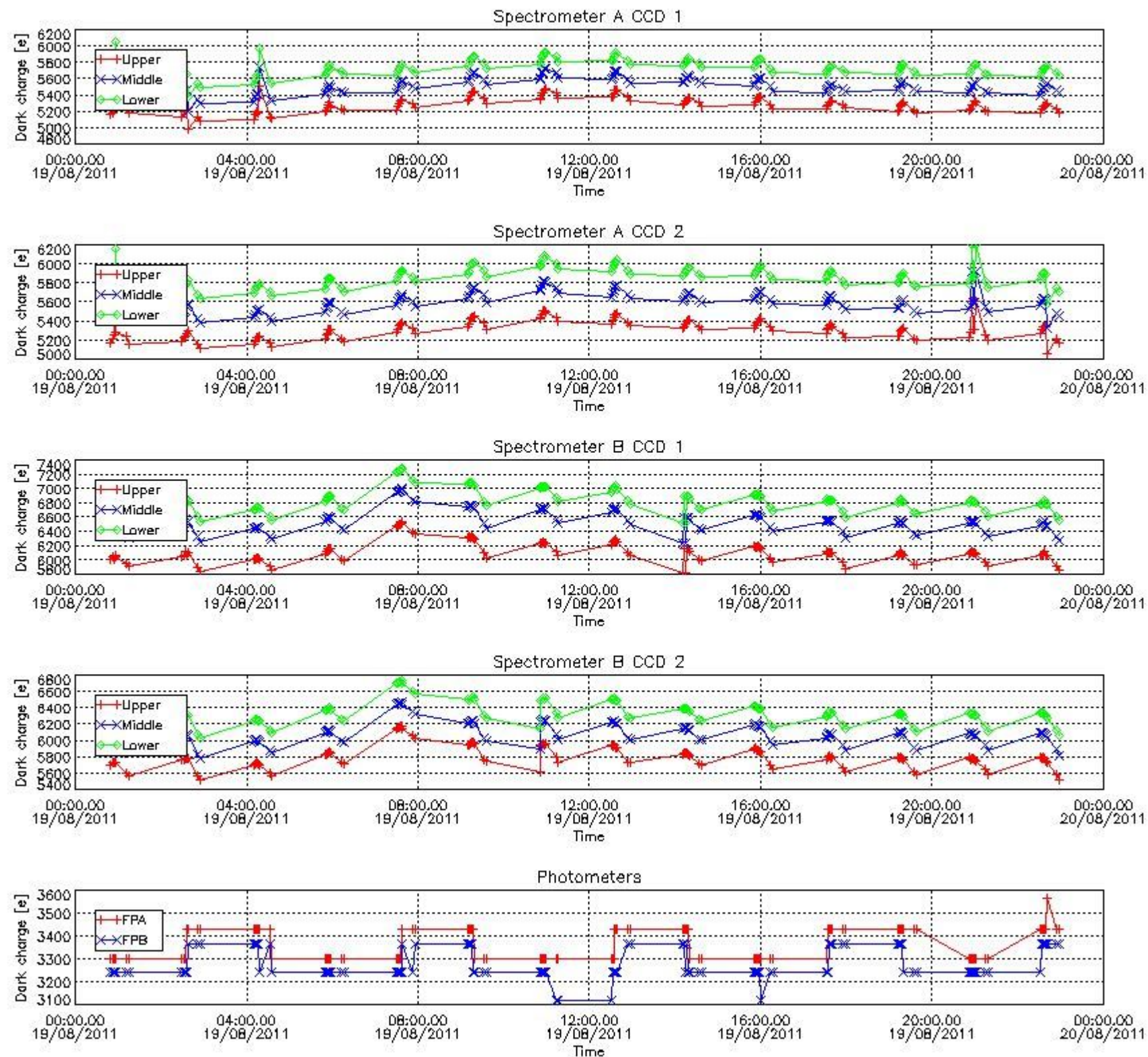
The Dark Charge (DC) is a temperature-dependant signal added to the useful measurements and it is therefore subtracted from them during the processing. There are two phenomena that produce a continuous increase of the DC: the "hot pixels" (a pixel is "hot" when its DC exceeds by a significant amount 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_1PNPDE20110819_194605_000000543105_00373_49525_6668.N1	DC map with no T dep.
GOM_TRA_1PNPDE20110819_195049_000000543105_00373_49525_6669.N1	DC map used
GOM_TRA_1PNPDE20110819_195609_000000433105_00373_49525_6670.N1	DC map used
GOM_TRA_1PNPDE20110819_195928_000000413105_00373_49525_6671.N1	DC map used
GOM_TRA_1PNPDE20110819_200118_000000463105_00373_49525_6672.N1	DC map used
GOM_TRA_1PNPDE20110819_200424_000000433105_00373_49525_6673.N1	DC map used
GOM_TRA_1PNPDE20110819_201059_000000373105_00373_49525_6674.N1	DC map used
GOM_TRA_1PNPDE20110819_201410_000000543105_00373_49525_6675.N1	DC map used
GOM_TRA_1PNPDE20110819_201925_000000393105_00373_49525_6676.N1	DC map used
GOM_TRA_1PNPDE20110819_202337_000000453105_00373_49525_6677.N1	DC map used
GOM_TRA_1PNPDE20110819_203905_000000513105_00373_49525_6678.N1	DC map used
GOM_TRA_1PNPDE20110819_204210_000000393105_00373_49525_6679.N1	DC map used
GOM_TRA_1PNPDE20110819_204523_000000563105_00373_49525_6680.N1	DC map used
GOM_TRA_1PNPDE20110819_204817_000000463105_00373_49525_6681.N1	DC map used

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



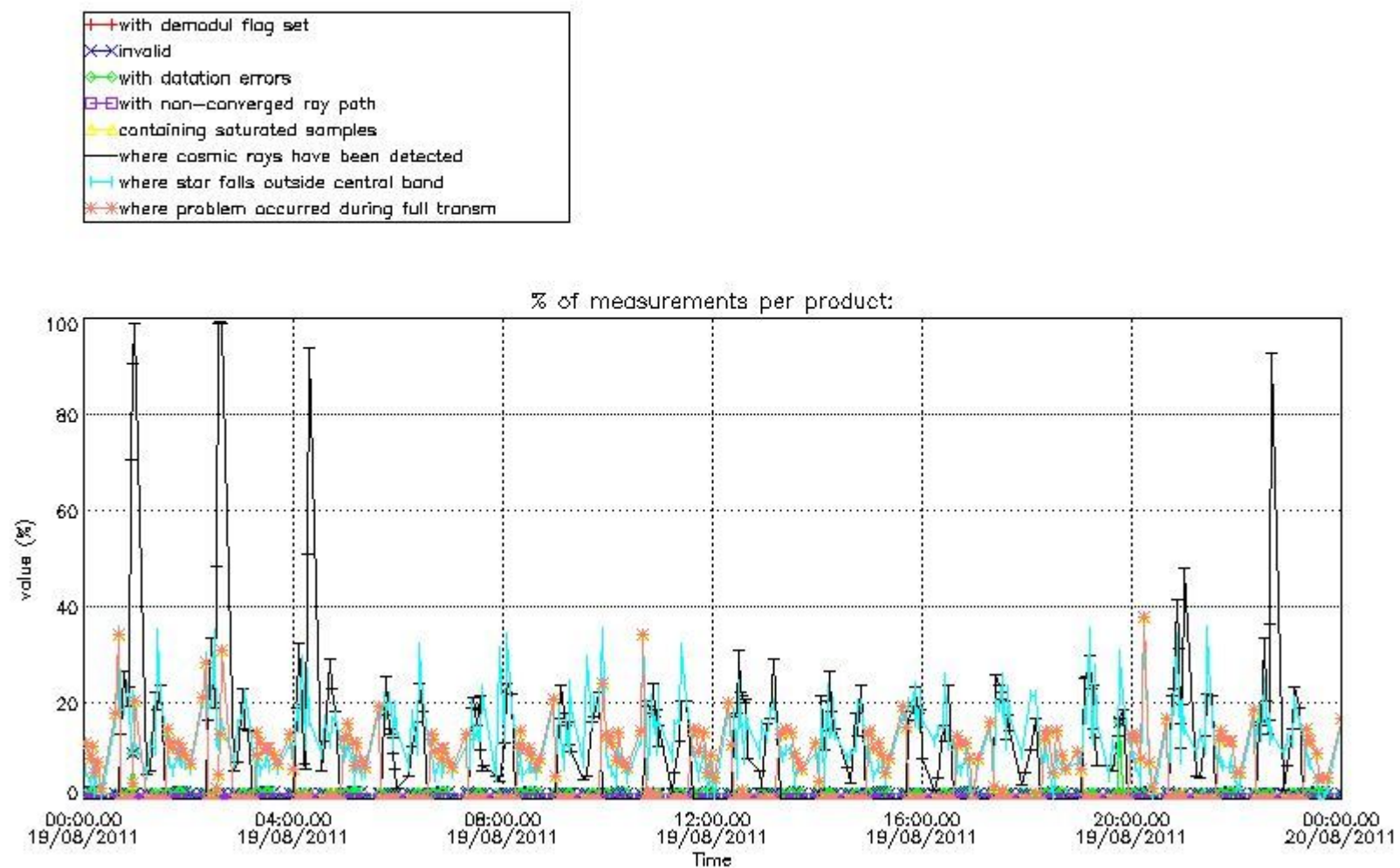
5. Demodulation flag and quality information monitoring

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.

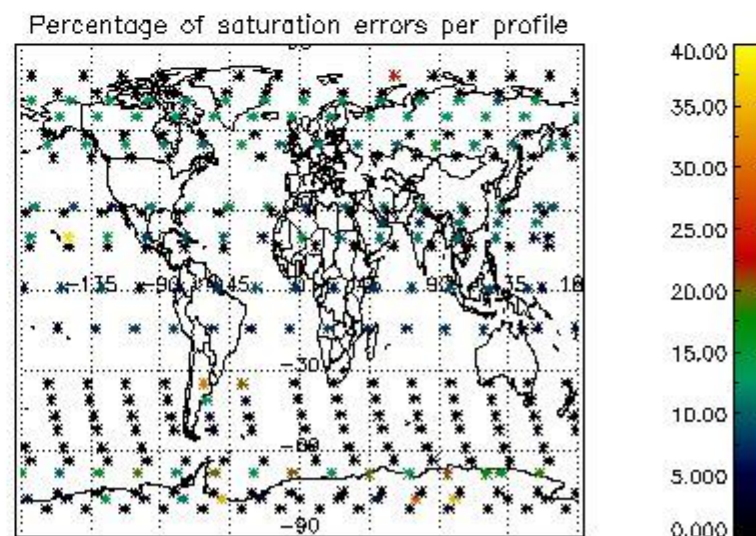
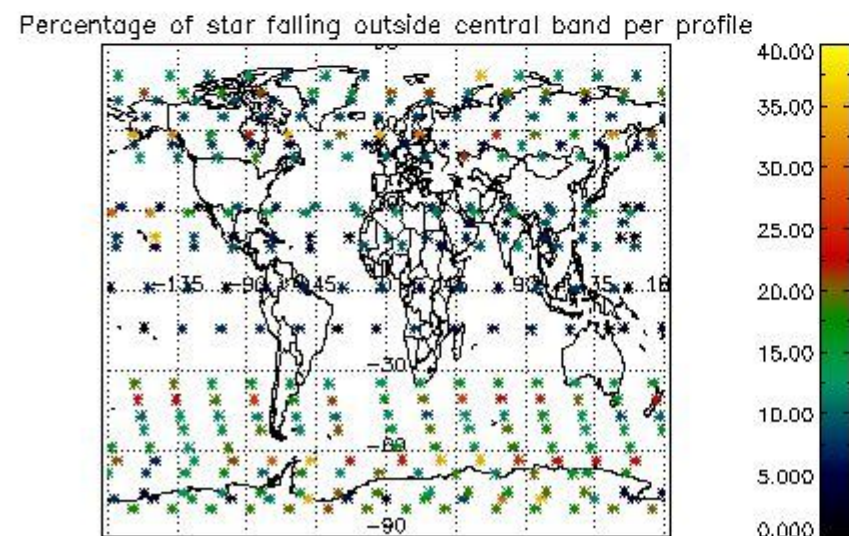
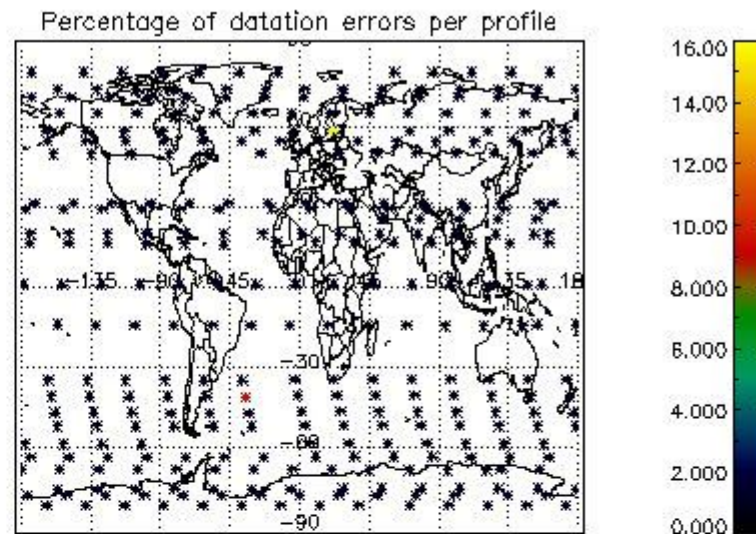
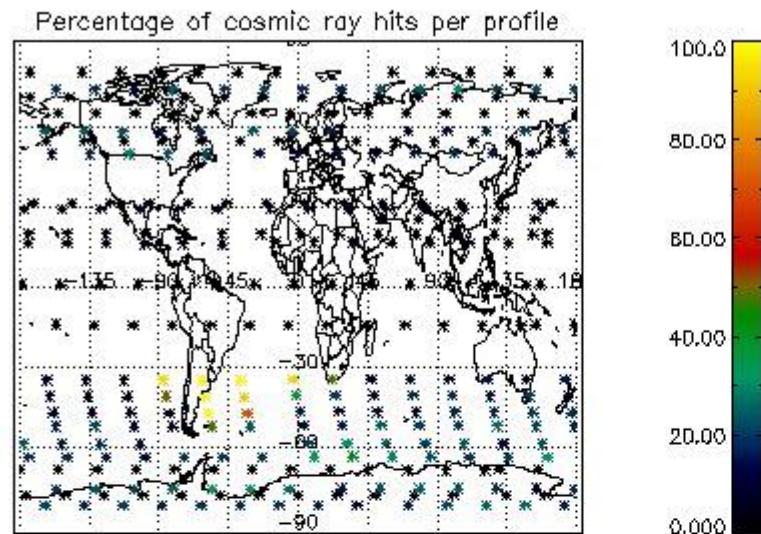
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	51.9878 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	45.5658 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



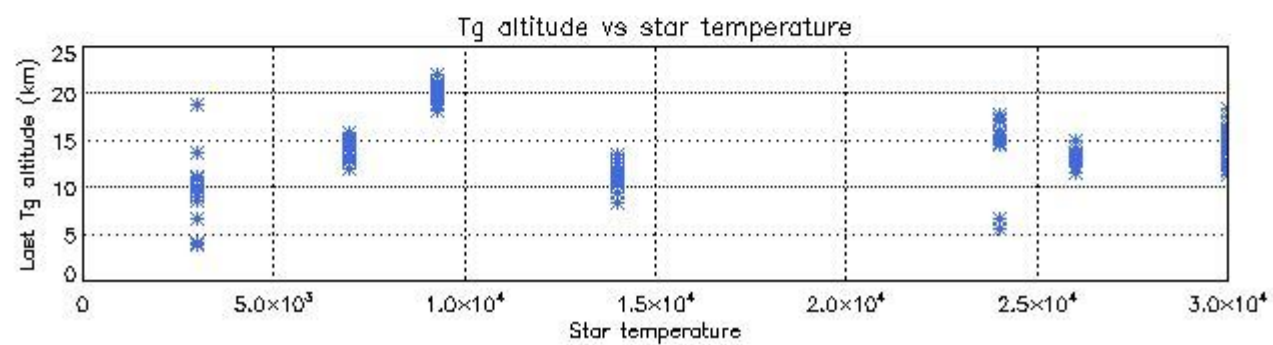
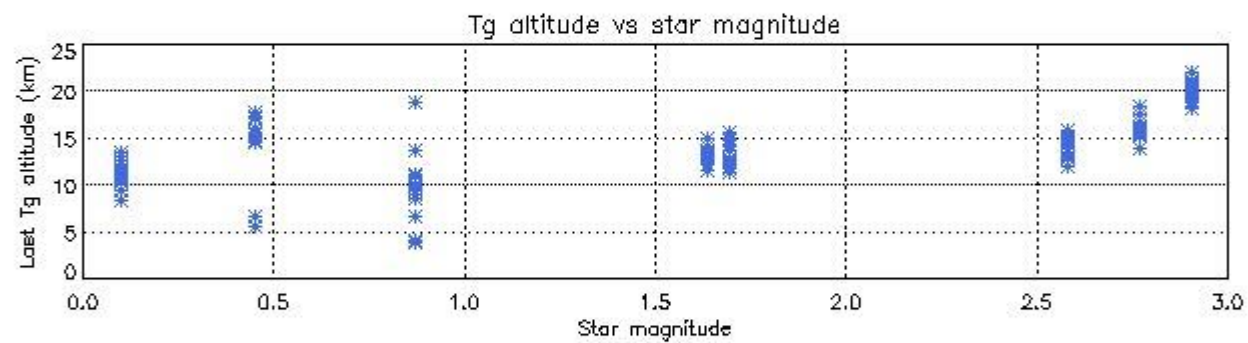
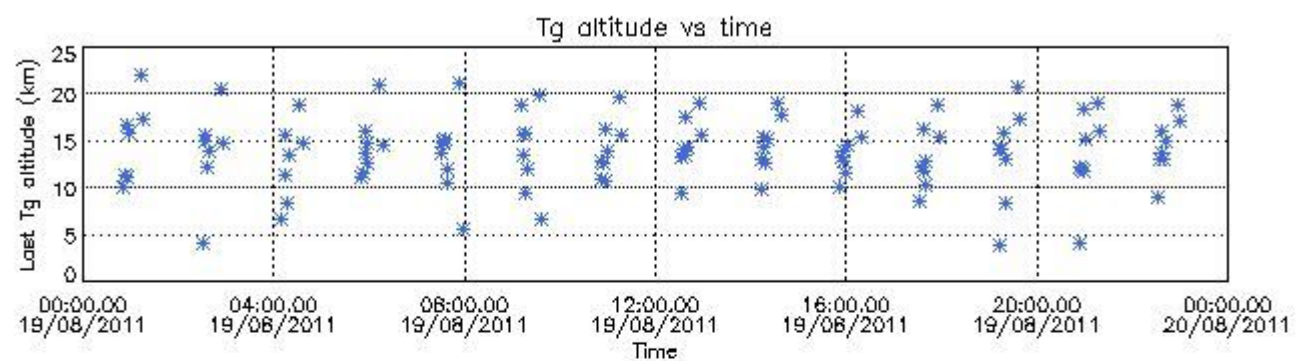
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.909	19.068	NaN
St. deviation:	3.6957	4.0630	NaN
Maximum:	21.950	30.459	NaN
Minimum:	3.8276	3.5855	NaN
Number of data:	109.00	149.00	NaN

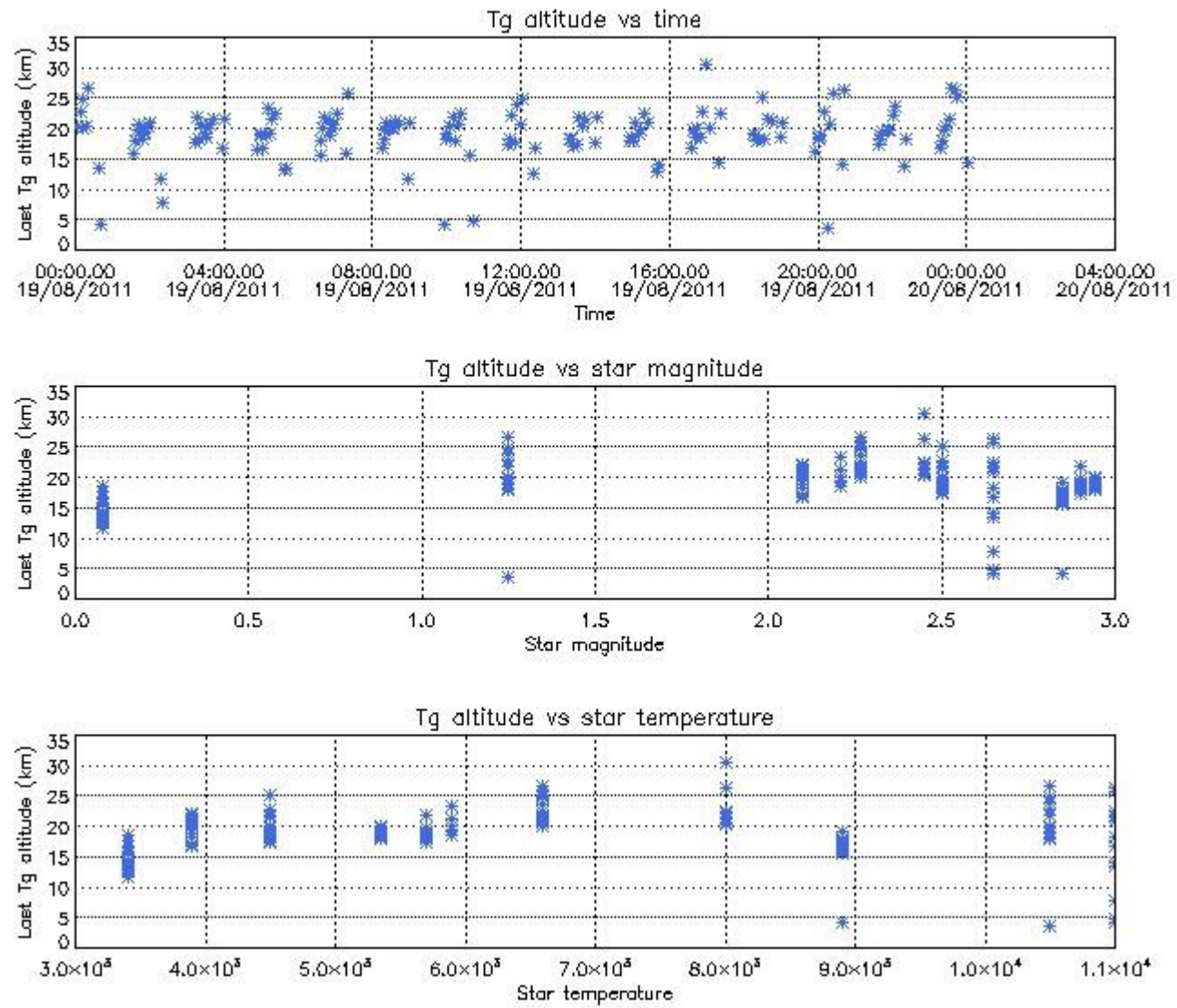
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

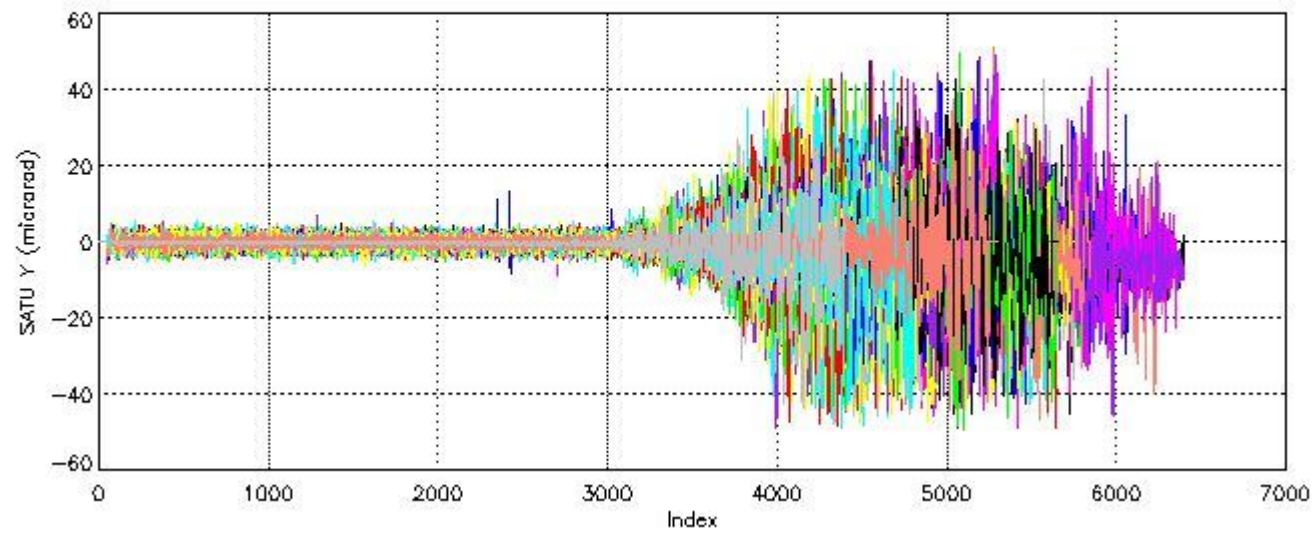
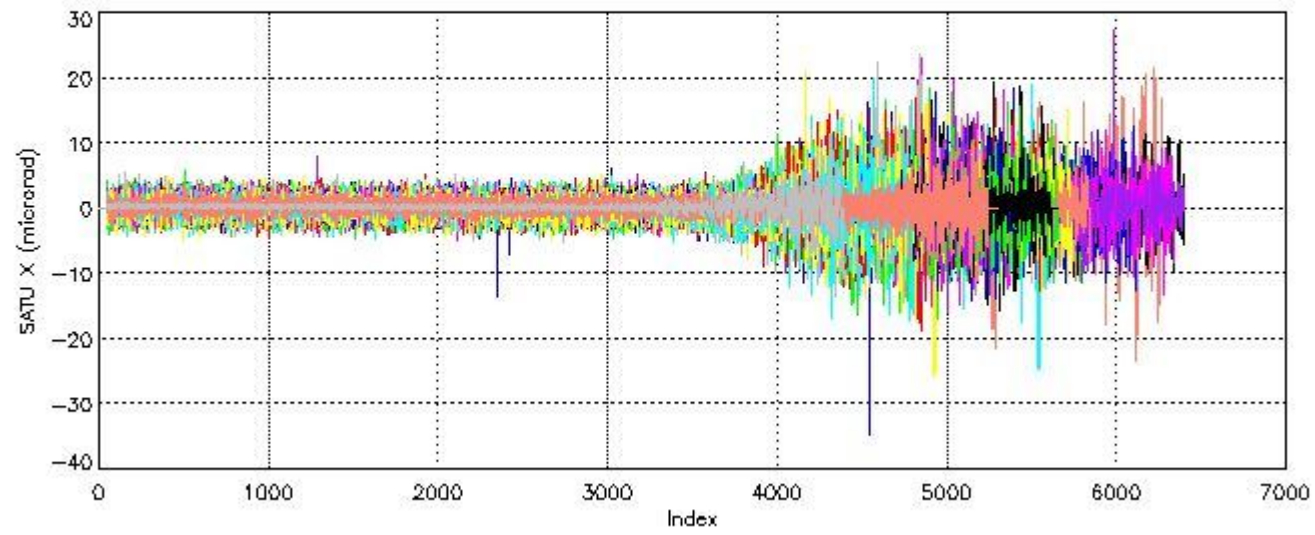


7. Star Acquisition and Tracking Unit (SATU)

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:	0.20250	-0.23148	0.21129	-0.24965
St. deviation:	0.58803	0.64723	0.68882	0.75273
Maximum:	5.6000	5.4000	4.5000	6.5000
Minimum:	-5.0000	-6.0000	-11.200	-4.8000

Number of data:	1.2155E+05	1.2155E+05	1.4450E+05	1.4450E+05
90Percentile:	1.0000	0.60000	1.1000	0.70000

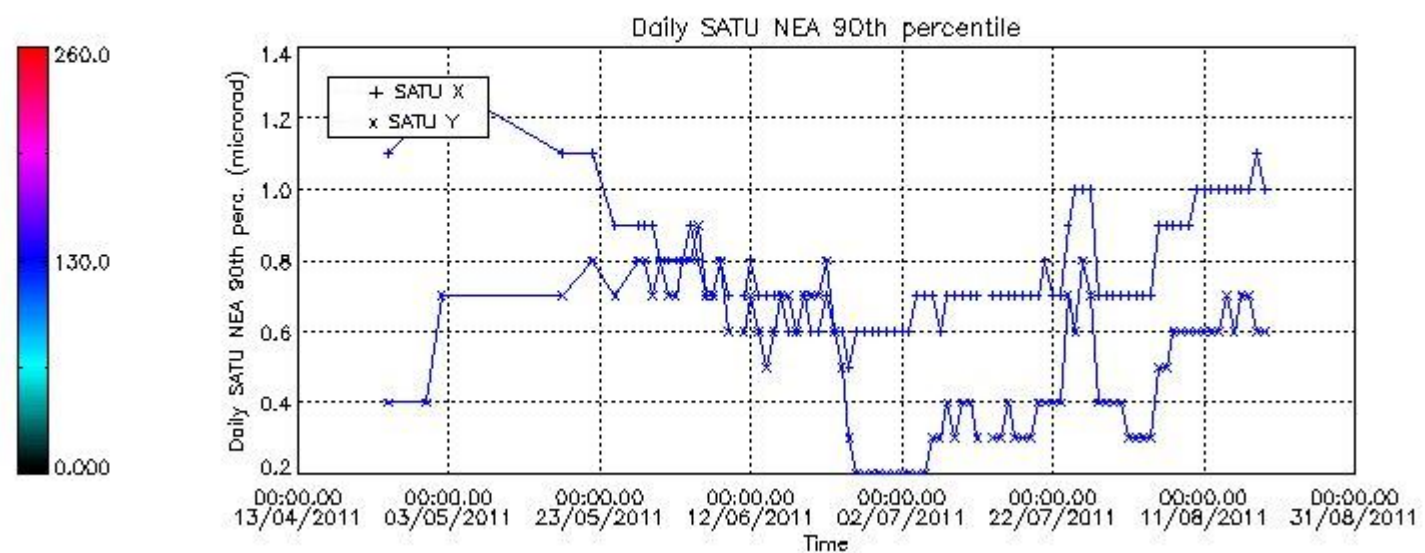
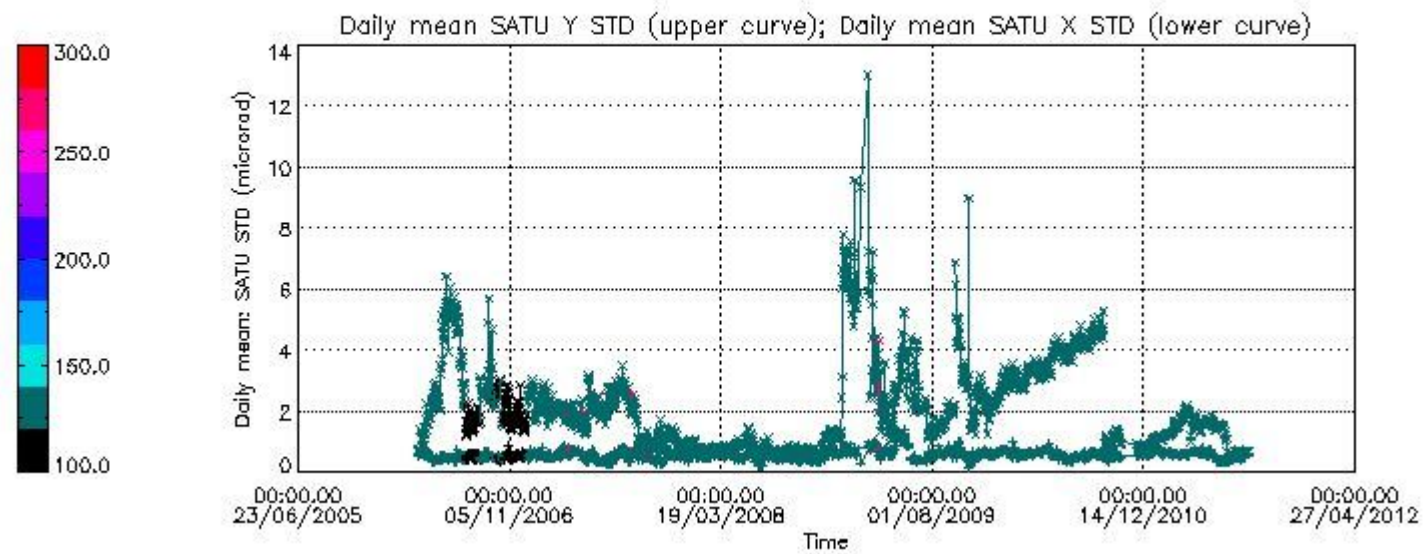
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

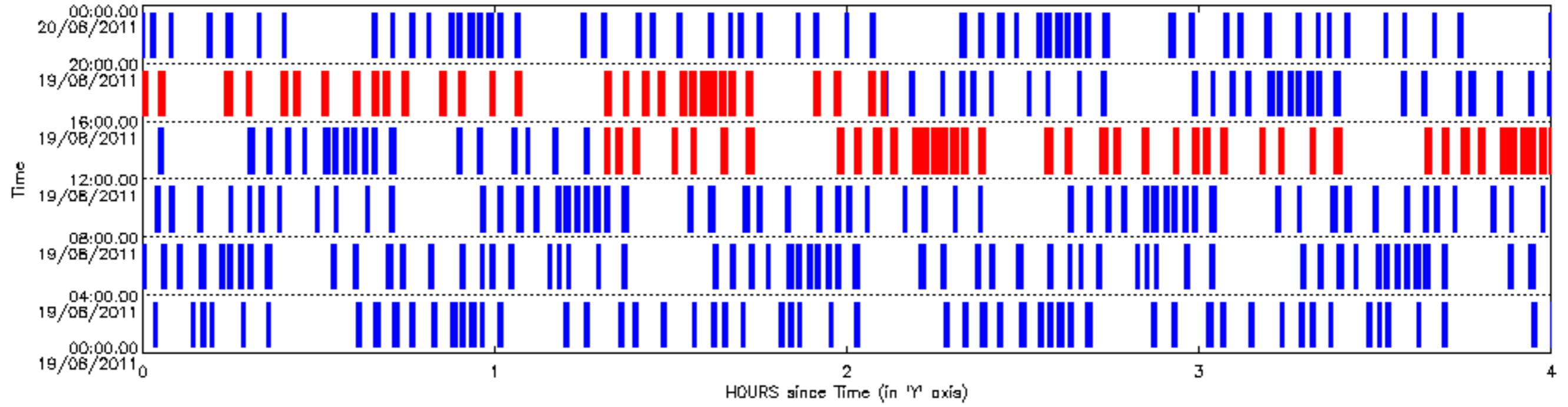
Lower curve: STD of SATU X axis

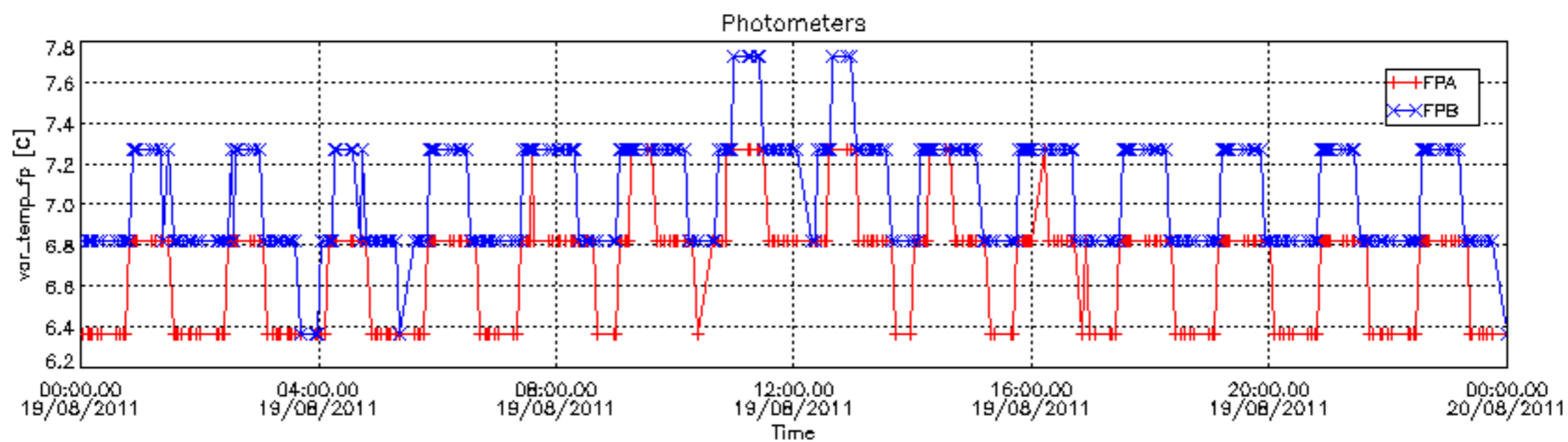
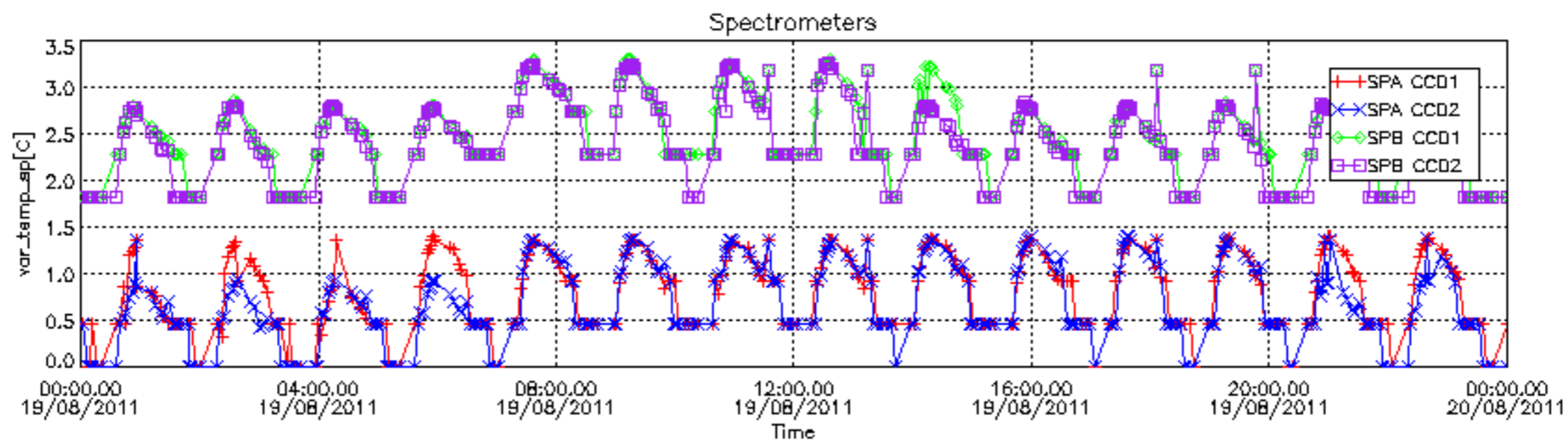


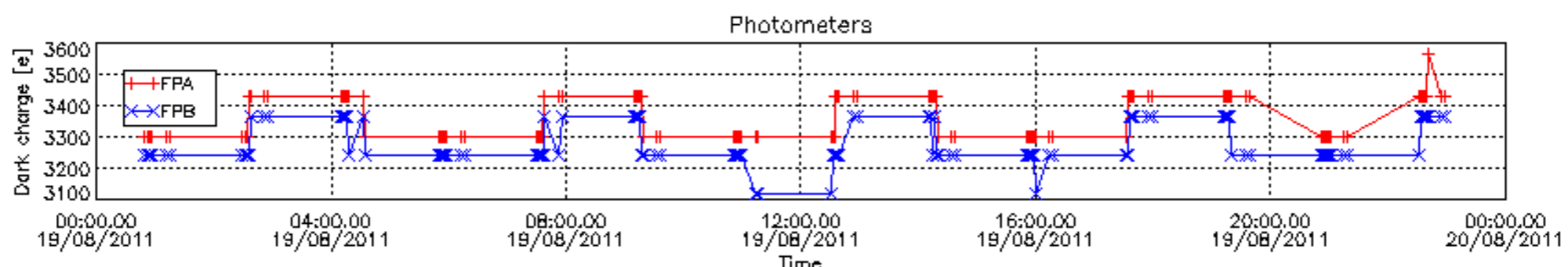
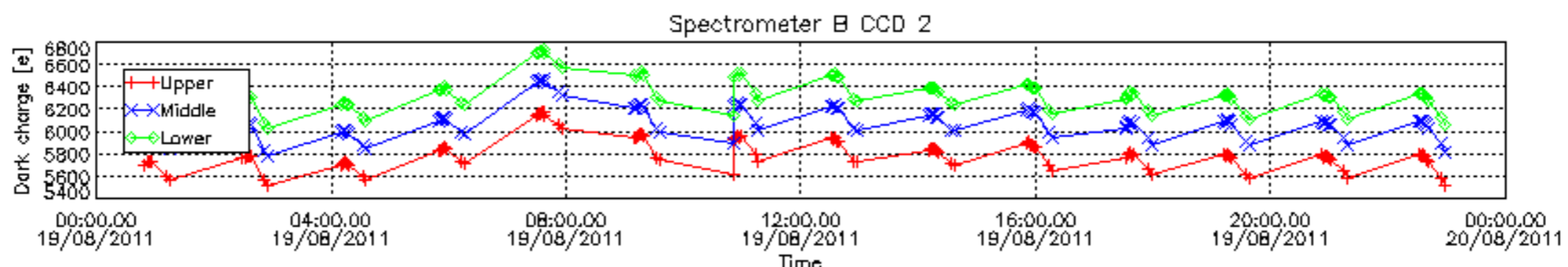
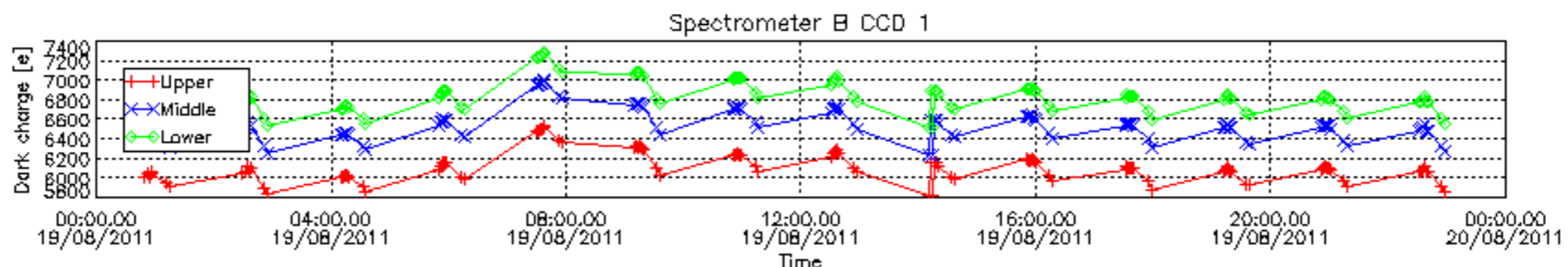
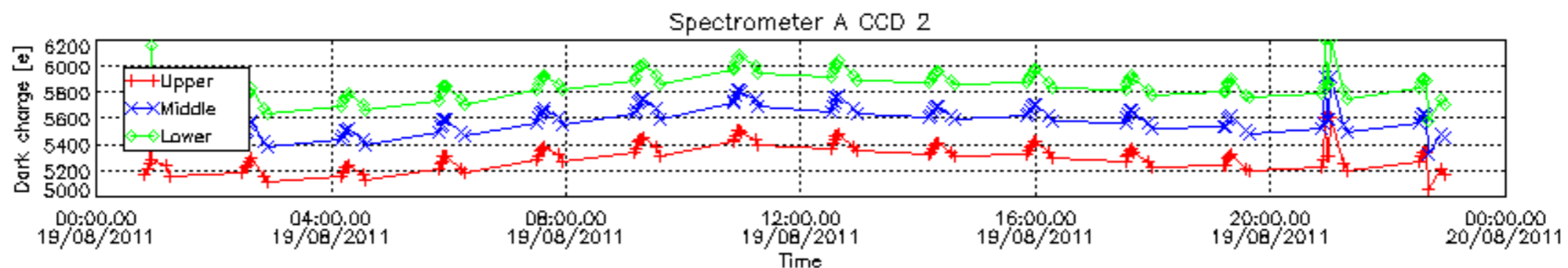
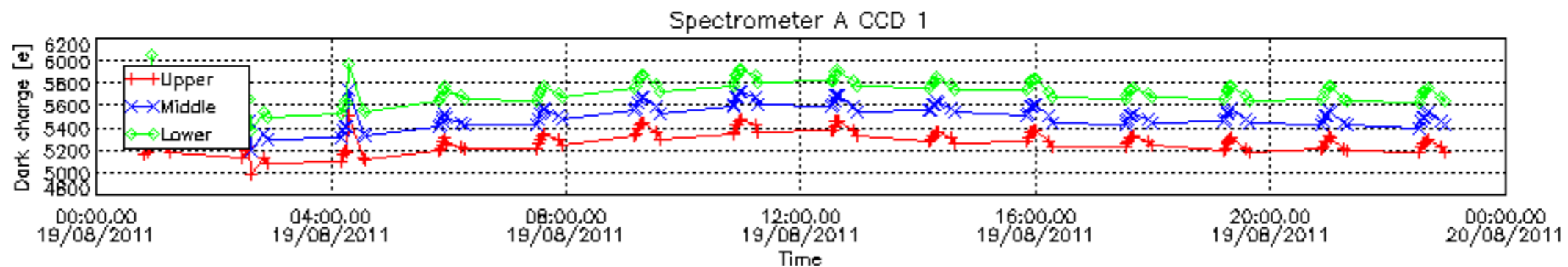
8. Auxiliary Data Files used for the production reported in section 2.4

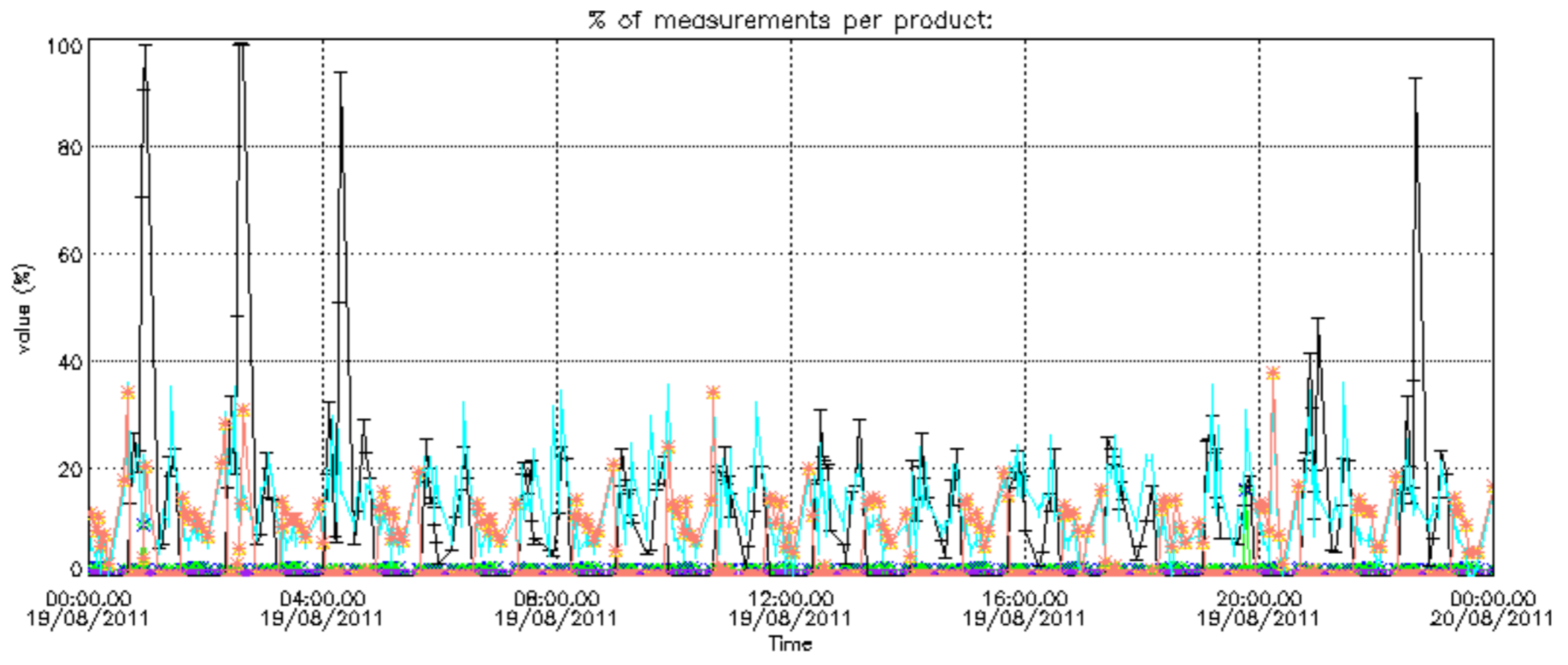
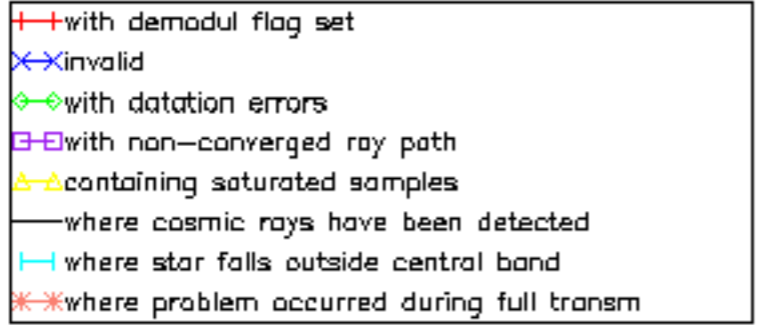
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-AUG-2011 00:01:38
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110817_075307_20110816_000000_20500101_000000	1	19-AUG-2011 00:01:38
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	19-AUG-2011 00:01:38
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	19-AUG-2011 00:01:38
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	19-AUG-2011 00:01:38
ECMWF_FILE	AUX_ECF_AXNECM20110818_062427_20110818_210000_20110819_090000	1	19-AUG-2011 00:01:38
ECMWF_FILE	AUX_ECF_AXNECM20110818_184426_20110819_030000_20110819_150000	53	19-AUG-2011 03:56:46
ECMWF_FILE	AUX_ECA_AXNECM20110819_062114_20110818_210000_20110819_090000	76	19-AUG-2011 05:37:00
ECMWF_FILE	AUX_ECF_AXNECM20110818_184426_20110819_030000_20110819_150000	116	19-AUG-2011 08:17:50
ECMWF_FILE	AUX_ECF_AXNECM20110819_062114_20110819_090000_20110819_210000	139	19-AUG-2011 09:58:04
ECMWF_FILE	AUX_ECF_AXNECM20110819_062115_20110819_150000_20110820_030000	229	19-AUG-2011 16:30:20
ECMWF_FILE	AUX_ECA_AXNECM20110819_180856_20110819_090000_20110819_210000	274	19-AUG-2011 19:46:05
ECMWF_FILE	AUX_ECF_AXNECM20110819_062115_20110819_150000_20110820_030000	288	19-AUG-2011 20:52:00
ECMWF_FILE	AUX_ECF_AXNECM20110819_062115_20110819_210000_20110820_090000	315	19-AUG-2011 22:38:50
OPTIONAL_ECMWF_FILE	MISSING	1	19-AUG-2011 00:01:38
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110818_102424_20110817_190255_20110827_211642	1	19-AUG-2011 00:01:38
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110819_102112_20110818_182611_20110828_203958	139	19-AUG-2011 09:58:04

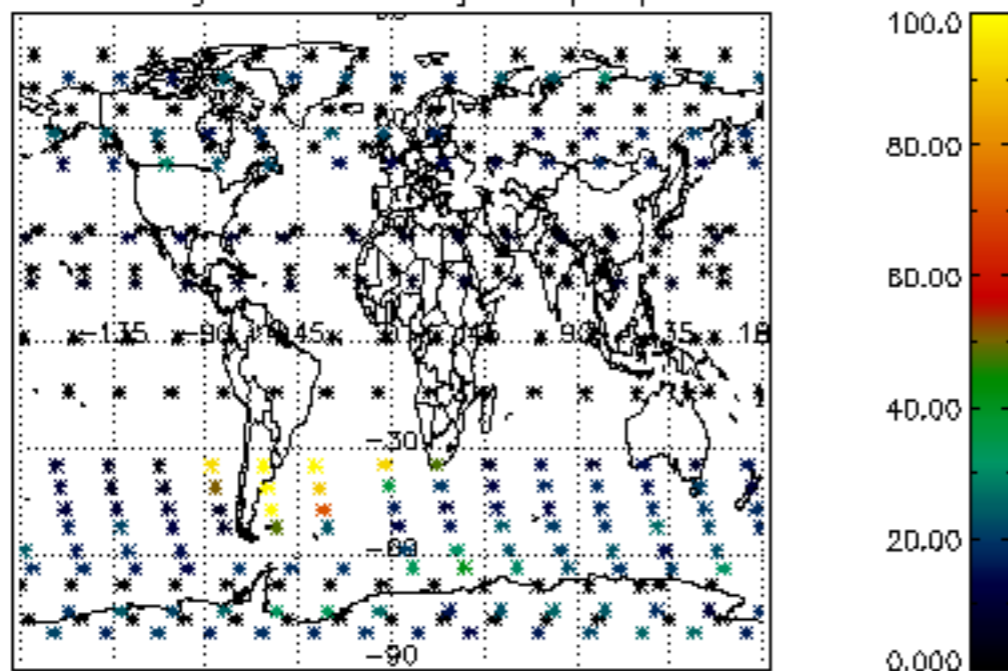




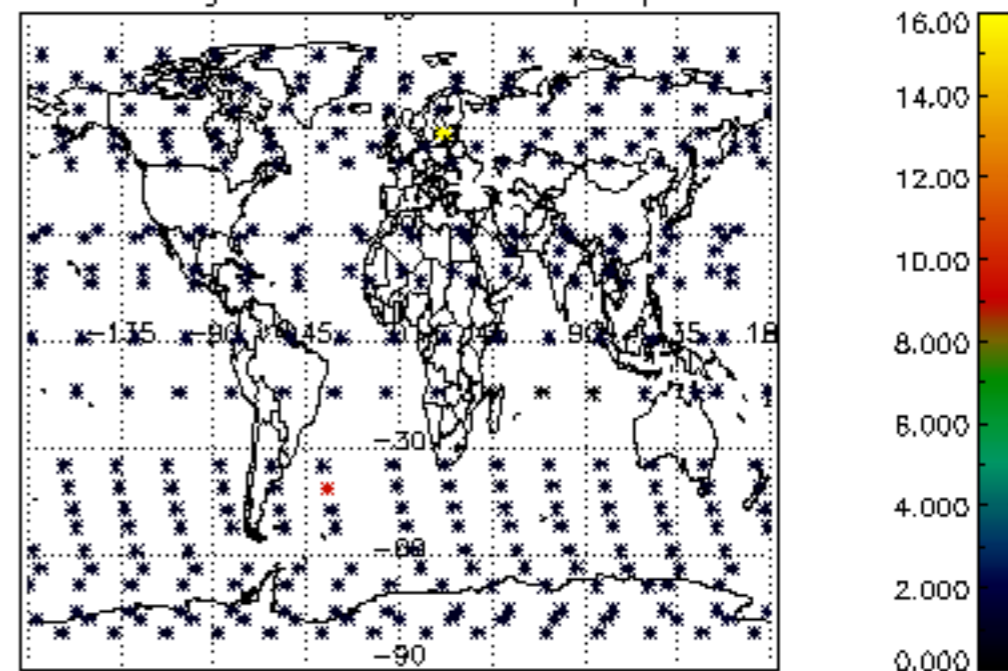




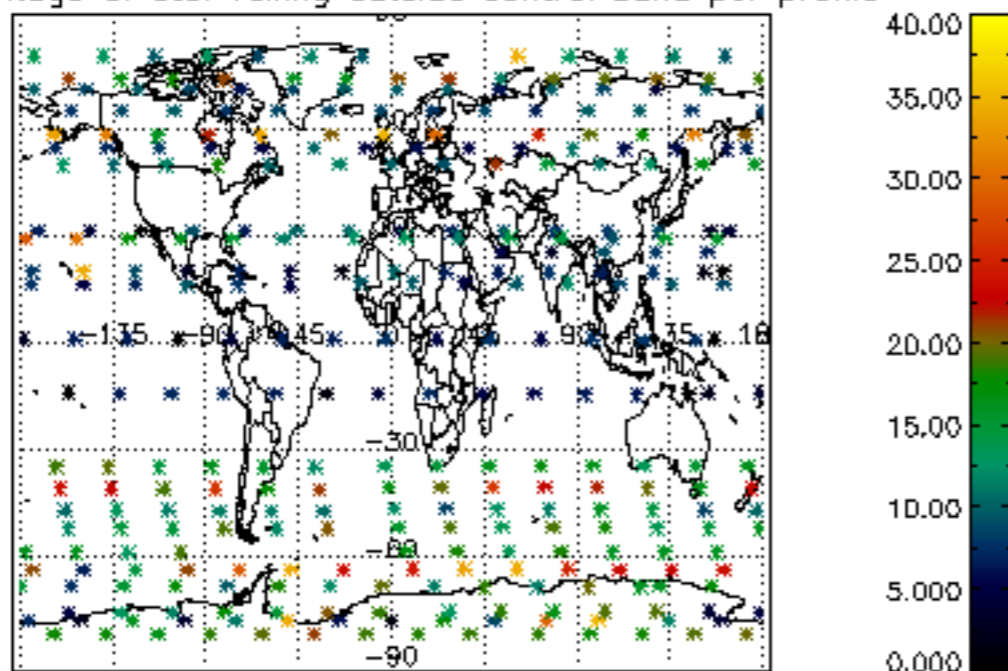
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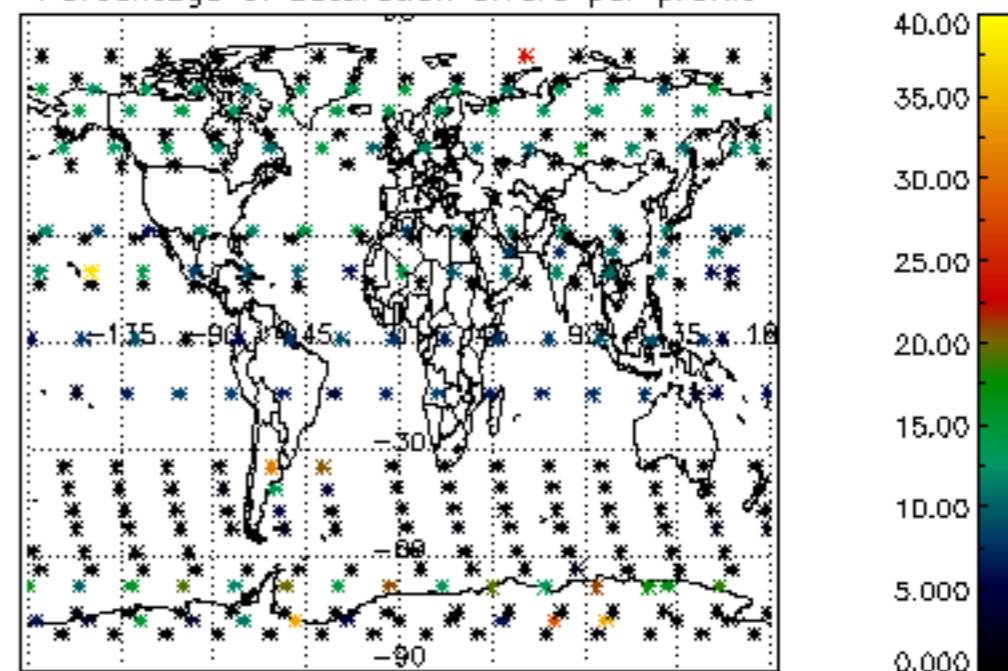
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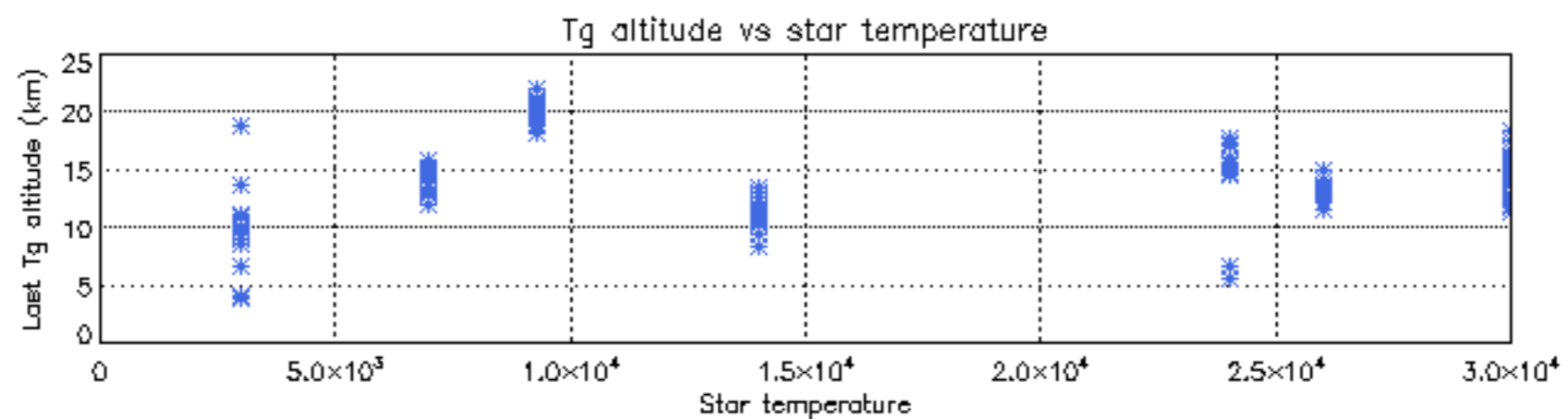
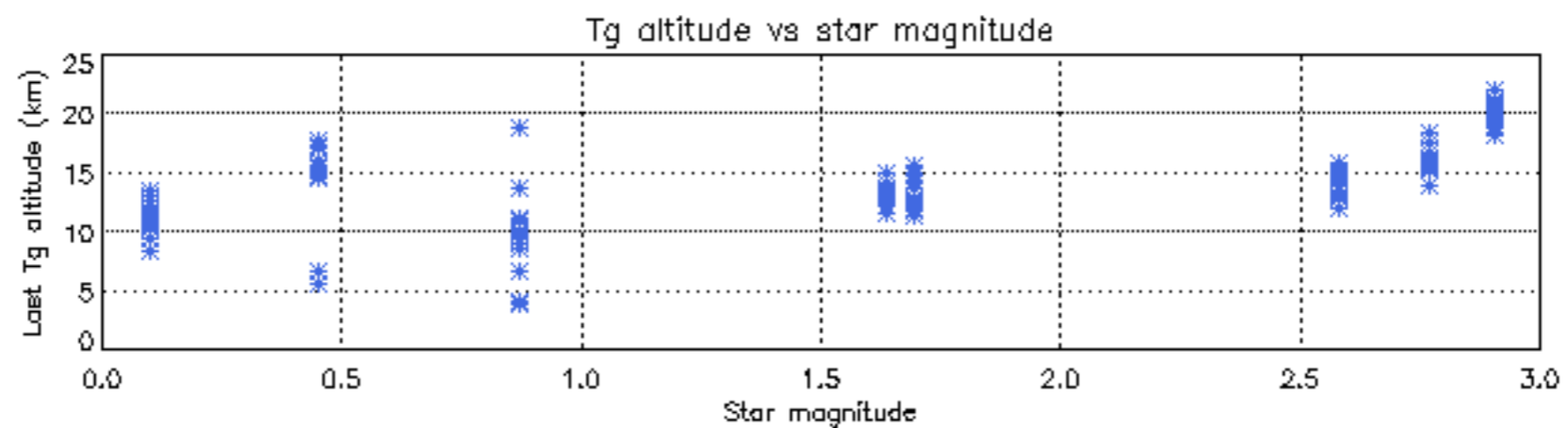
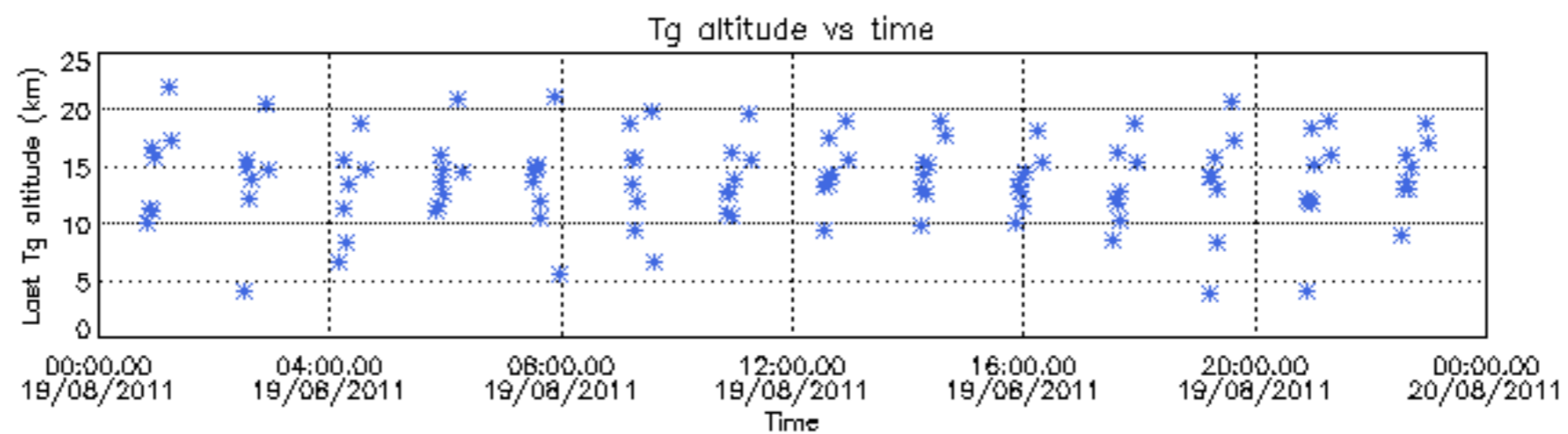
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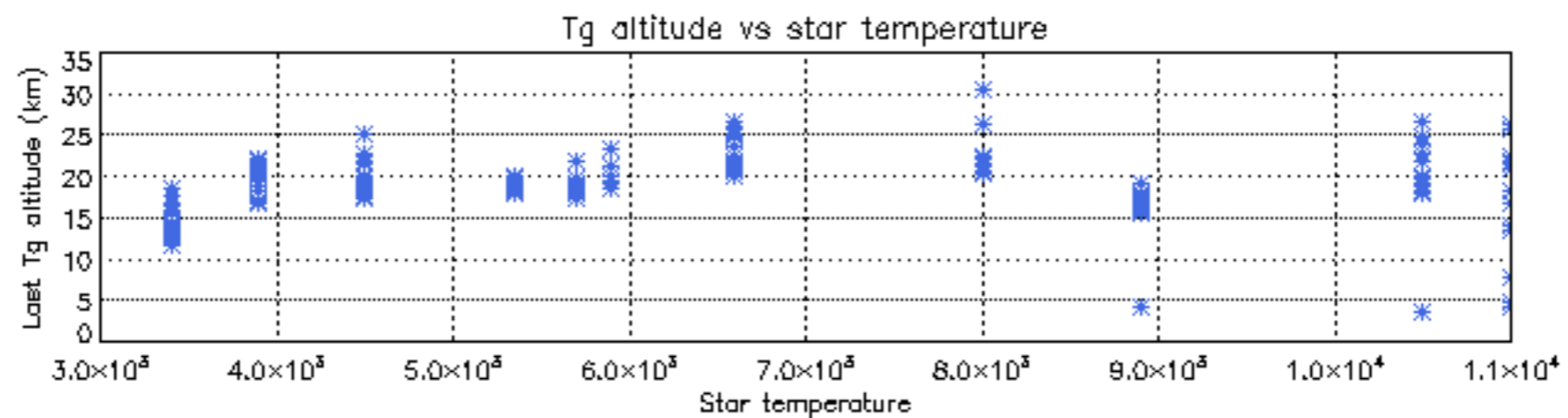
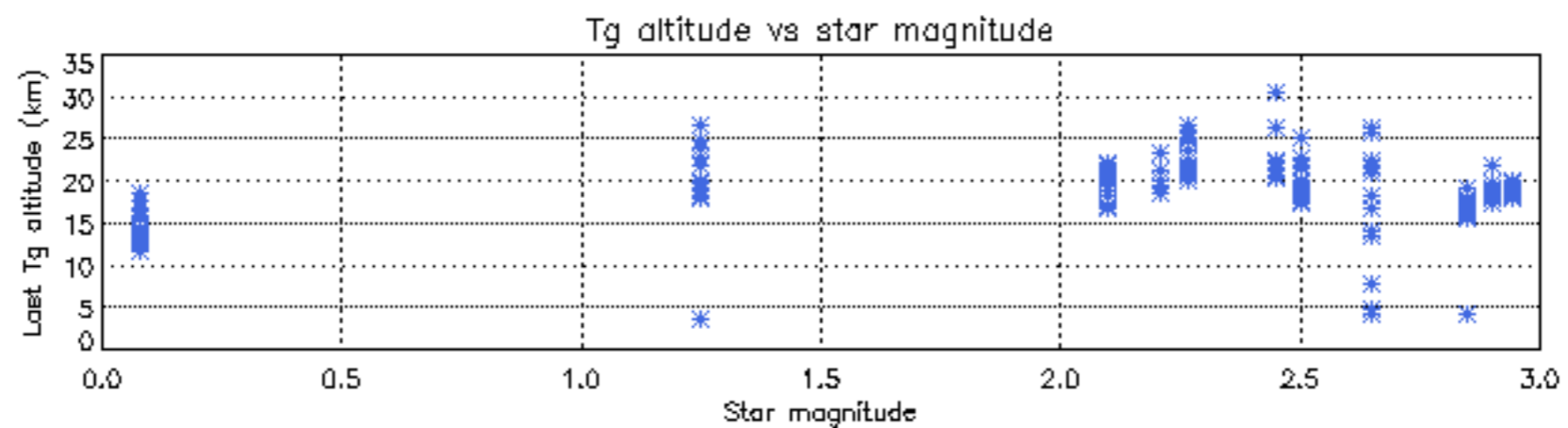
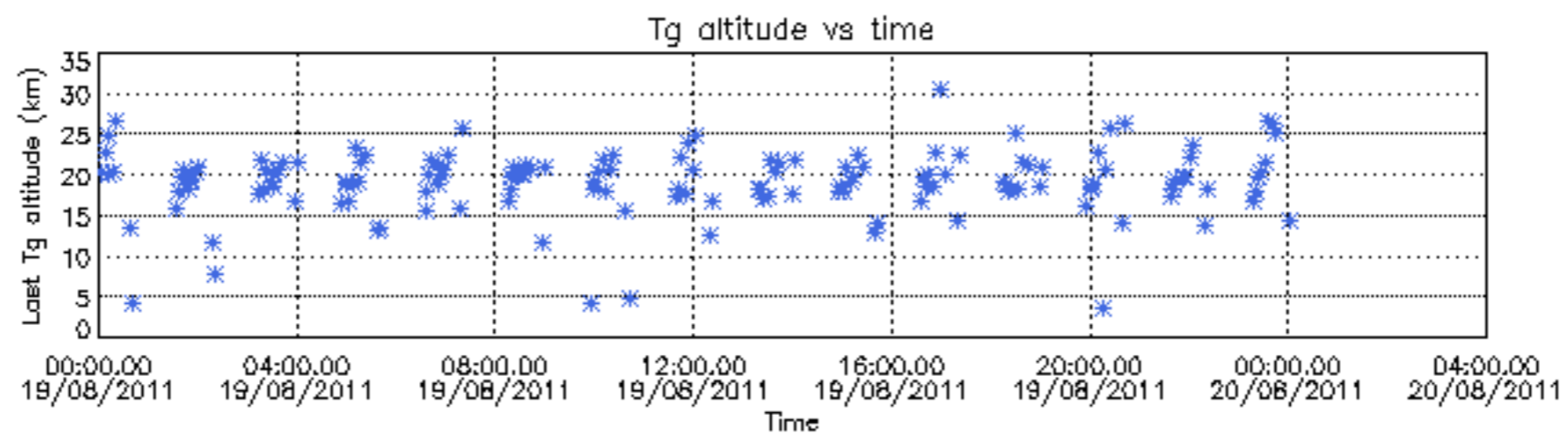
Percentage of saturation errors per profile

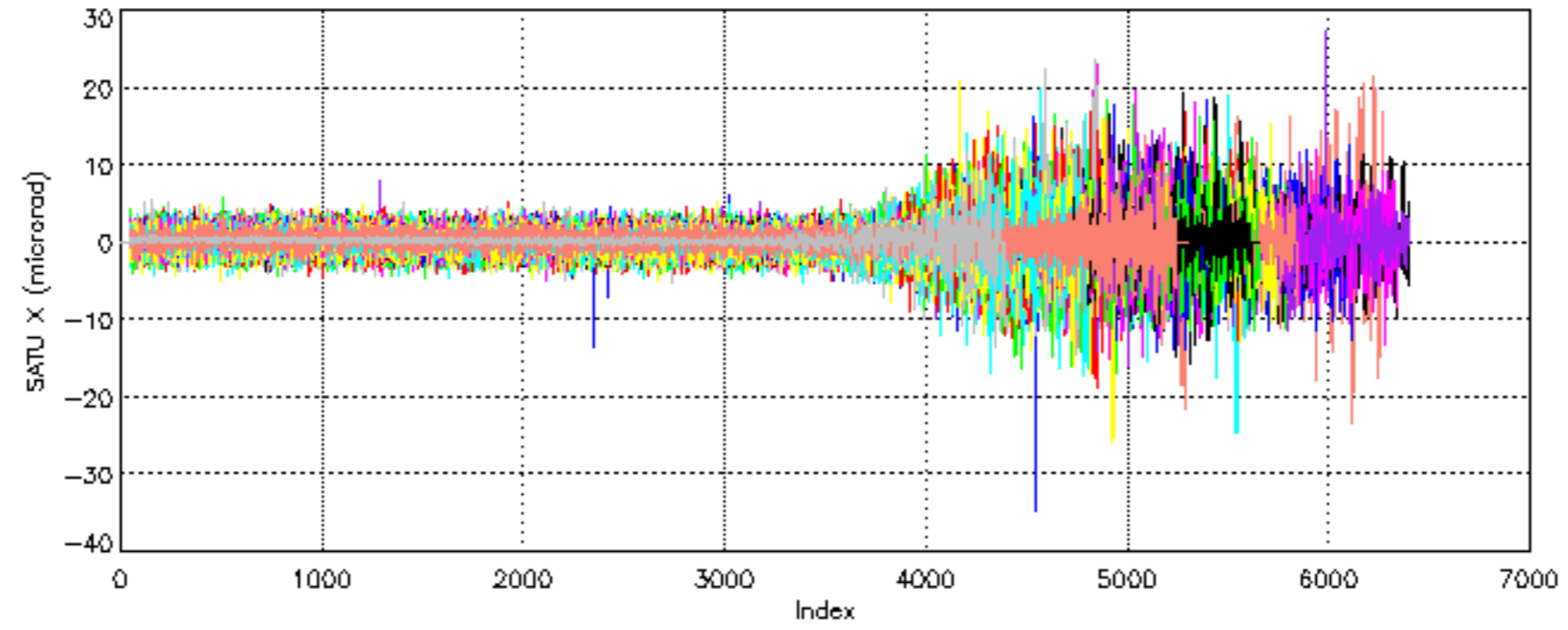


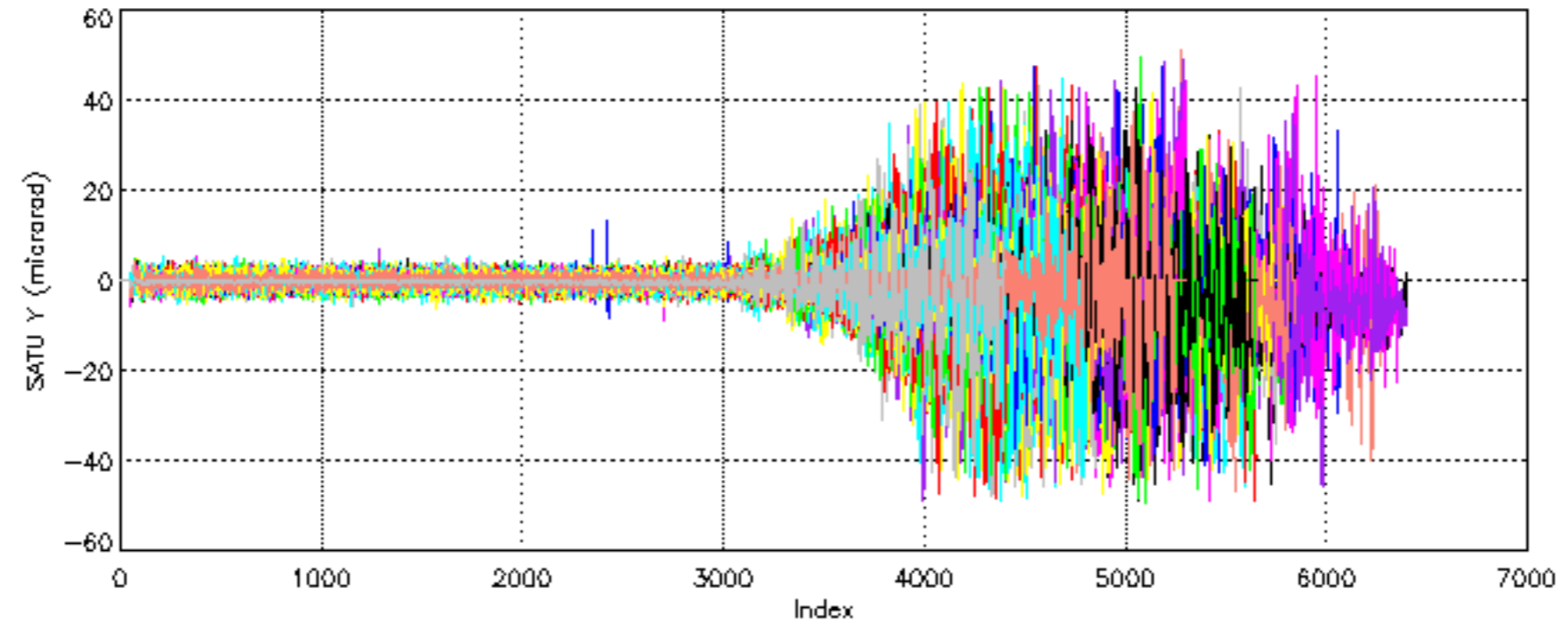
Tangent altitude at which the star is lost

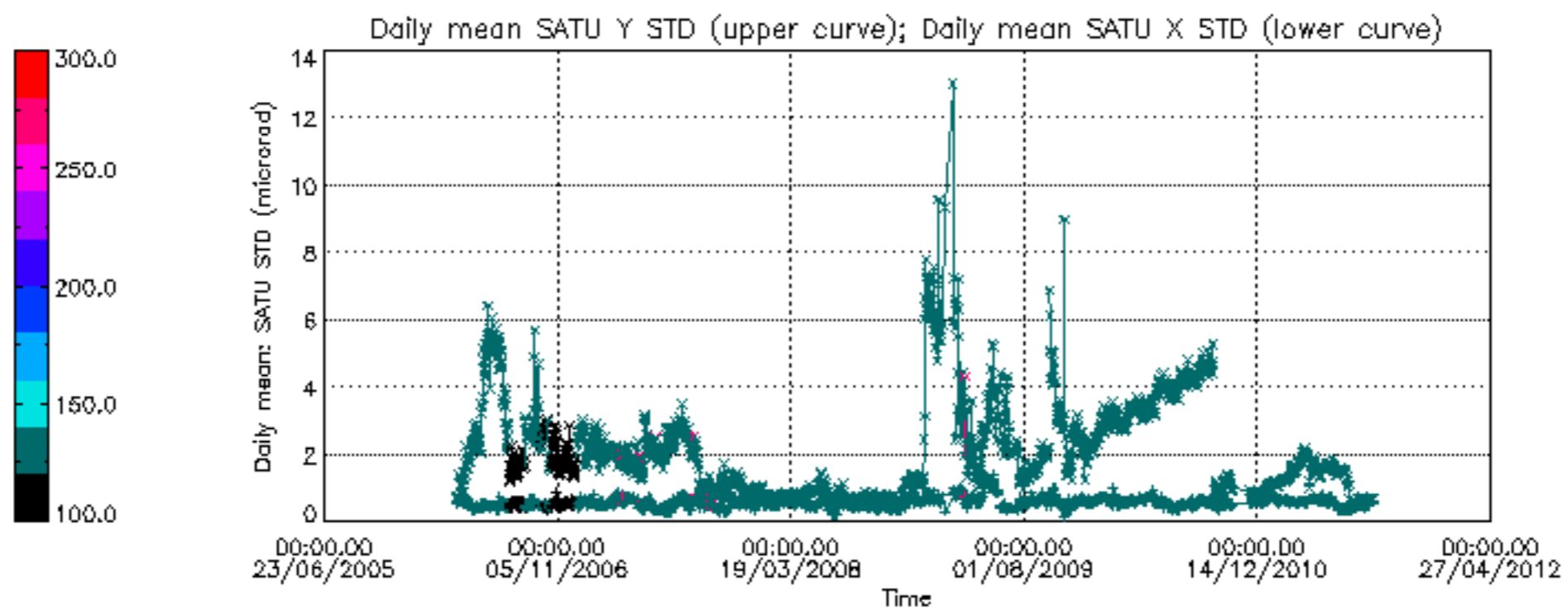


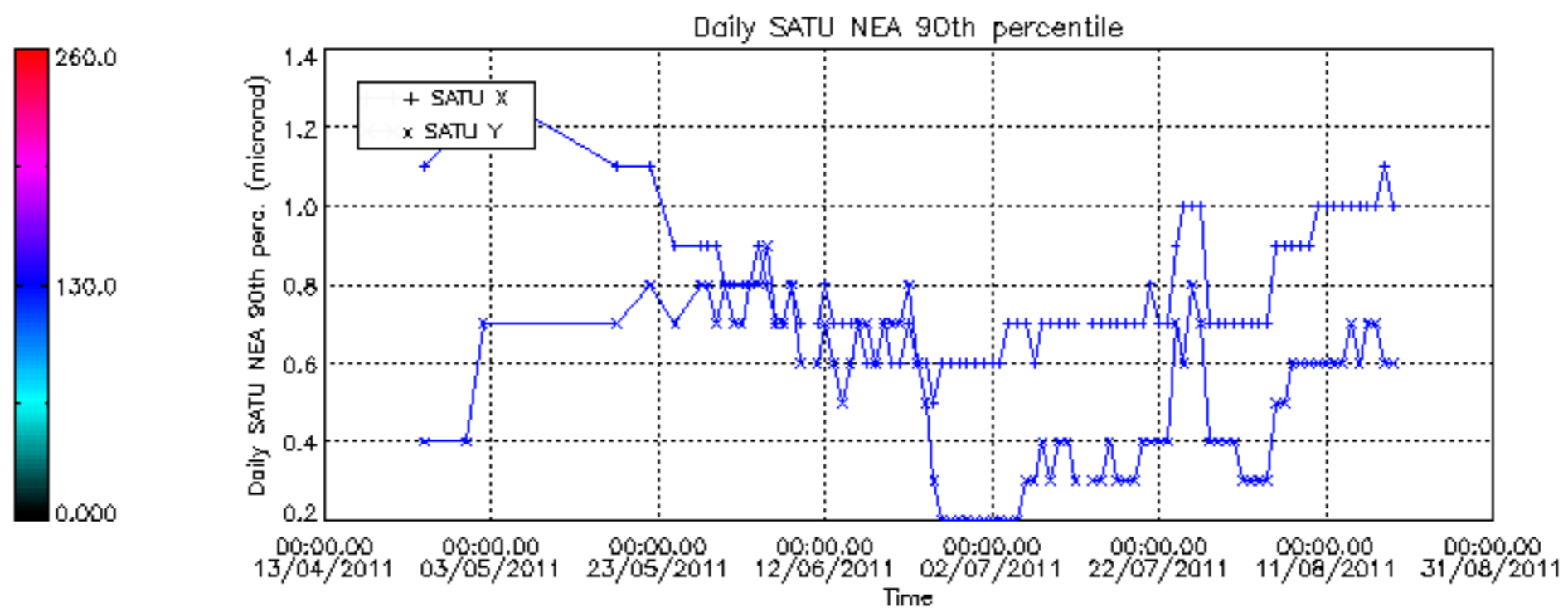
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4; 2670.9; 03-AUG-2011 11:39:27; Bright; 37.5; 144; 18Del Cyg ; 2.86; 11000;occ; 75; 0;49290
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 12; 4500.9; 03-AUG-2011 18:50:53; Dark ; 44.5; 28; 12Bet Tau ; 1.65; 15200;occ; 89; 0;49294
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7; 2679.0; 15-AUG-2011 12:39:53; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;49463
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 2; 1787.4; 18-AUG-2011 15:35:30; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;49508
 3; 1899.7; 18-AUG-2011 15:37:23; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;49508
 4; 2086.9; 18-AUG-2011 15:40:30; Bright; 42.0; 61; 8Eps Peg ; 2.10; 3900;occ; 84; 0;49508
 5; 2480.2; 18-AUG-2011 15:47:03; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;49508
 6; 2579.2; 18-AUG-2011 15:48:42; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;49508
 7; 2671.6; 18-AUG-2011 15:50:15; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49508
 8; 2987.8; 18-AUG-2011 15:55:31; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;49508
 9; 3249.0; 18-AUG-2011 15:59:52; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49508
 10; 4166.3; 18-AUG-2011 16:15:09; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;49508
 11; 4348.4; 18-AUG-2011 16:18:11; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;49508
 12; 4539.3; 18-AUG-2011 16:21:22; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;49508
 13; 4711.6; 18-AUG-2011 16:24:15; Dark ; 38.5; 44; 24Gam Gem ; 1.93; 11000;occ; 77; 0;49508
 14; 4930.7; 18-AUG-2011 16:27:54; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;49508
 15; 5130.5; 18-AUG-2011 16:31:13; Dark ; 54.0; 30; 46Eps Ori ; 1.69; 30000;occ; 108; 0;49508
 16; 5217.3; 18-AUG-2011 16:32:40; Dark ; 50.0; 125; 44Iot Ori ; 2.77; 30000;occ; 100; 0;49508
 17; 5319.1; 18-AUG-2011 16:34:22; Dark ; 58.0; 7; 19Bet Ori ; 0.10; 14000;occ; 116; 0;49508
 18; 5424.9; 18-AUG-2011 16:36:08; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;49508
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 21; 6497.3; 18-AUG-2011 16:54:00; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;49509
 22; 6846.4; 18-AUG-2011 16:59:49; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;49509
 23; 7038.0; 18-AUG-2011 17:03:01; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;49509
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 16; 5131.2; 18-AUG-2011 18:11:28; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;49509
 17; 5217.9; 18-AUG-2011 18:12:55; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;49509
 18; 5320.0; 18-AUG-2011 18:14:37; Dark ; 59.5; 7; 19Bet Ori ; 0.10; 14000;occ; 119; 0;49509
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 21; 6277.5; 18-AUG-2011 18:30:35; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49510
 22; 6497.9; 18-AUG-2011 18:34:15; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;49510
 23; 6847.1; 18-AUG-2011 18:40:04; Dark ; 61.0; 84; Alp Phe ; 2.40; 4500;occ; 122; 0;49510
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15; 4712.0; 18-AUG-2011 19:44:43; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;49510
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23; 6498.6; 18-AUG-2011 20:14:30; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;49511
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4; -792.4; 19-AUG-2011 02:34:08; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;49514
5; -689.4; 19-AUG-2011 02:35:51; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;49514
6; -584.7; 19-AUG-2011 02:37:36; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;49514
7; -405.7; 19-AUG-2011 02:40:35; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49514
8; 269.5; 19-AUG-2011 02:51:50; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49515
9; 487.3; 19-AUG-2011 02:55:28; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;49515
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15; 1898.5; 19-AUG-2011 03:18:59; Bright; 46.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 93; 0;49515
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18; 2578.8; 19-AUG-2011 03:30:20; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;49515
19; 2670.6; 19-AUG-2011 03:31:51; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;49515
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7; -791.7; 19-AUG-2011 04:14:23; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;49515
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9; -583.9; 19-AUG-2011 04:17:51; Dark ; 49.0; 101; 11Alp Lep ; 2.58; 7000;occ; 98; 0;49515
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11; 270.7; 19-AUG-2011 04:32:06; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;49516
12; 487.9; 19-AUG-2011 04:35:43; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;49516
13; 837.6; 19-AUG-2011 04:41:32; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;49516
14; 980.9; 19-AUG-2011 04:43:56; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;49516
15; 1264.4; 19-AUG-2011 04:48:39; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;49516
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17; 1787.4; 19-AUG-2011 04:57:22; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;49516
18; 1898.3; 19-AUG-2011 04:59:13; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;49516
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22; 2578.7; 19-AUG-2011 06:50:48; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;49517
23; 2670.3; 19-AUG-2011 06:52:19; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;49517
24; 2985.7; 19-AUG-2011 06:57:35; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;49517
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3; 1588.2; 19-AUG-2011 19:56:09; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;49525
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12; 3336.6; 22-AUG-2011 21:55:33; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;49569
13; 4157.3; 22-AUG-2011 22:09:13; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;49569
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17; 4962.4; 22-AUG-2011 22:22:38; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;49569
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3; -479.4; 22-AUG-2011 22:32:10; Dark ; 47.5; 139; 9Bet Lep ; 2.83; 5600;occ; 95; 0;49569
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5; 336.3; 22-AUG-2011 22:45:46; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49570
6; 523.5; 22-AUG-2011 22:48:53; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49570
7; 877.5; 22-AUG-2011 22:54:47; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;49570
8; 1002.0; 22-AUG-2011 22:56:52; Dark ; 54.5; 63; Bet Gru ; 2.15; 2800;occ; 109; 0;49570
9; 1283.7; 22-AUG-2011 23:01:34; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;49570

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 15; 2664.8; 22-AUG-2011 23:24:35; Bright; 34.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 69; 0;49570
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 17; 3203.3; 22-AUG-2011 23:33:33; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49570
 18; 3335.9; 22-AUG-2011 23:35:46; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;49570
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 21; 4629.6; 22-AUG-2011 23:57:19; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;49570
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 23; 4963.0; 23-AUG-2011 00:02:53; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;49570
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 25; 5287.8; 23-AUG-2011 00:08:18; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;49570
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 8; -730.5; 22-AUG-2011 07:25:54; Dark ; 48.0; 1; 9Alp CMA ; -1.44; 11000;occ; 96; 0;49560
 9; -644.2; 22-AUG-2011 07:27:20; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;49560
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 11; -365.9; 22-AUG-2011 07:31:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49560
 12; 325.3; 22-AUG-2011 07:43:29; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;49561
 13; 517.5; 22-AUG-2011 07:46:42; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;49561
 14; 871.3; 22-AUG-2011 07:52:35; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;49561
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 16; 1280.7; 22-AUG-2011 07:59:25; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;49561
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 3; 2075.9; 22-AUG-2011 08:12:40; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49561
 4; 2474.3; 22-AUG-2011 08:19:18; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;49561
 5; 2665.6; 22-AUG-2011 08:22:30; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49561
 6; 2976.8; 22-AUG-2011 08:27:41; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49561
 7; 3210.0; 22-AUG-2011 08:31:34; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;49561
 8; 3342.6; 22-AUG-2011 08:33:47; Bright; 32.0; 76; 27Gam Cas ; 2.30; 30000;occ; 64; 0;49561
 9; 4158.7; 22-AUG-2011 08:47:23; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;49561
 10; 4351.0; 22-AUG-2011 08:50:35; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;49561
 11; 4550.2; 22-AUG-2011 08:53:54; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;49561
 12; 4726.2; 22-AUG-2011 08:56:50; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 0;49561
 13; 4958.1; 22-AUG-2011 09:00:42; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;49561
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 15; 5169.4; 22-AUG-2011 09:04:14; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;49561
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 22; 6885.9; 22-AUG-2011 09:32:50; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49562
 23; 7013.1; 22-AUG-2011 09:34:57; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;49562
 24; 7295.0; 22-AUG-2011 09:39:39; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;49562
 25; 7606.6; 22-AUG-2011 09:44:51; Bright; 40.0; 142; 49Del Cap ; 2.85; 8900;occ; 80; 0;49562

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 5; 524.1; 23-AUG-2011 00:29:08; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;49571
 6; 878.2; 23-AUG-2011 00:35:02; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49571

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10; 1788.7; 23-AUG-2011 00:50:12; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49571
11; 1890.8; 23-AUG-2011 00:51:55; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;49571
12; 2074.3; 23-AUG-2011 00:54:58; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;49571
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22; 4963.6; 23-AUG-2011 01:43:07; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;49571
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9; 1002.9; 23-AUG-2011 02:17:21; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;49572
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12; 1788.7; 23-AUG-2011 02:30:26; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;49572
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19; 2074.0; 23-AUG-2011 04:15:26; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49573
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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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 20; 5710.9; 26-AUG-2011 20:08:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49625
 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
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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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18;	4146.2;	27-AUG-2011	02:23:00;	Bright;	;	56.0;	6;	13Alp Aur	;	0.08;	3400;occ;	112;	0;	49629
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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
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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
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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
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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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13;	1024.1;	27-AUG-2011	04:51:26;	Dark	;	46.5;	63;	Bet Gru	;	2.15;	2800;occ;	93;	0;	49631
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4; 2513.5; 27-AUG-2011 11:57:11; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;49635
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13; 5003.7; 27-AUG-2011 12:38:42; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;49635
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16; 5722.3; 27-AUG-2011 14:30:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49636
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6; 3157.4; 27-AUG-2011 15:28:23; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;49637
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13; 5005.3; 27-AUG-2011 15:59:11; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;49637
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16; 5723.5; 27-AUG-2011 16:11:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49637
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 6; 2511.8; 27-AUG-2011 16:57:52; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;49638
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 22; 5240.2; 28-AUG-2011 00:24:16; Dark ; 52.0; 33; 50Zet Ori ; 1.77; 30000;occ; 104; 0;49642
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6; 570.8; 28-AUG-2011 02:26:54; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 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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5; -1173.7; 28-AUG-2011 05:18:18; Dark ; 40.0; 153; 3Bet CMi ; 2.89; 13100;occ; 80; 0;49645
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16; 1792.7; 28-AUG-2011 06:07:44; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;49646
17; 1884.9; 28-AUG-2011 06:09:17; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;49646
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9; 4354.1; 28-AUG-2011 08:30:40; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;49647
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13; 5012.3; 28-AUG-2011 08:41:38; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;49647
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9; 4354.2; 28-AUG-2011 10:10:54; Bright; 53.5; 107; 37The Aur ; 2.65; 11000;occ; 107; 0;49648
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3; -357.7; 31-AUG-2011 02:01:26; Dark ; 54.0; 139; 9Bet Lep ; 2.83; 5600;occ; 108; 0;49686
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13; 2959.3; 31-AUG-2011 02:56:44; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;49687
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7; -664.5; 31-AUG-2011 03:36:34; Dark ; 51.5; 1; 9Alp CMA ; -1.44; 11000;occ; 103; 0;49687
8; -499.2; 31-AUG-2011 03:39:19; Dark ; 44.5; 23; 21Eps CMA ; 1.50; 26000;occ; 89; 0;49687
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14; 5785.4; 31-AUG-2011 13:45:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49693
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4; 2230.7; 31-AUG-2011 17:46:41; Bright; 48.5; 90; 54Alp Peg ; 2.49; 11000;occ; 97; 0;49696
5; 2481.8; 31-AUG-2011 17:50:52; Bright; 45.0; 164; 44Eta Peg ; 2.95; 5400;occ; 90; 0;49696
6; 3119.3; 31-AUG-2011 18:01:29; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;49696
7; 3245.7; 31-AUG-2011 18:03:36; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;49696

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8; 4130.0; 31-AUG-2011 18:18:20; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;49696
9; 4355.0; 31-AUG-2011 18:22:05; Bright; 47.5; 107; 37The Aur ; 2.65; 11000;occ; 95; 0;49696
10; 4494.4; 31-AUG-2011 18:24:24; Bright; 37.0; 17; 78Bet Gem ; 1.16; 4500;occ; 74; 0;49696
11; 4665.7; 31-AUG-2011 18:27:16; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;49696
12; 4772.0; 31-AUG-2011 18:29:02; Dark ; 49.0; 44; 24Gam Gem ; 1.93; 11000;occ; 98; 0;49696
13; 5606.7; 31-AUG-2011 18:42:57; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;49696
14; 5789.0; 31-AUG-2011 18:45:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49696
15; 6505.3; 31-AUG-2011 18:57:55; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;49697
16; 6617.4; 31-AUG-2011 18:59:47; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;49697
17; 6973.3; 31-AUG-2011 19:05:43; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49697
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1; 979.2; 31-AUG-2011 19:06:03; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 40;49697
2; 1322.5; 31-AUG-2011 19:11:47; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;49697
3; 1883.2; 31-AUG-2011 19:21:07; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;49697
4; 2062.2; 31-AUG-2011 19:24:06; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49697
5; 3118.8; 31-AUG-2011 19:41:43; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;49697
6; 6973.8; 31-AUG-2011 20:45:58; Dark ; 6.0; 84; Alp Phe ; 2.40; 4500;occ; 12; 0;49698