

GOMOS Daily Report 20-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	23AUG2011 07:06:04
Data source version	GOMOS/6.01
Start time of products	20AUG2011 00:02:38
Stop time of products	20AUG2011 23:58:41
Store outputs in DB	Yes
Nb of level 1b prods	310
Nb of prods with errors	2

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

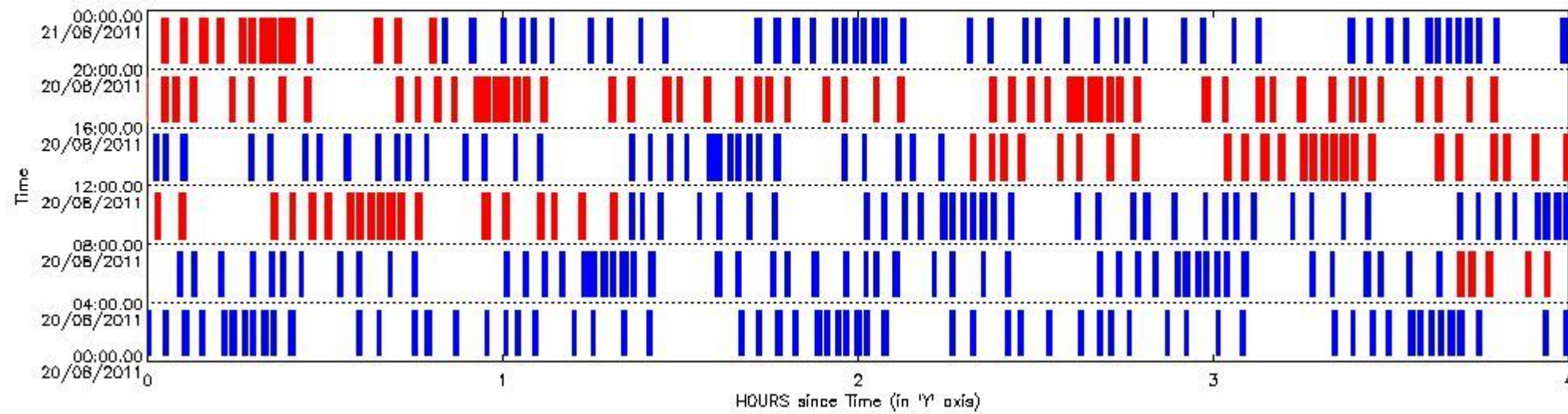
2.1 Level 0 products arrived in PCF (see template [here](#))

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
20-AUG-2011 07:41:11	22BetAqr	154	49532
20-AUG-2011 07:42:59	34AlpAqr	162	49532
20-AUG-2011 07:46:05	8EpsPeg	61	49532
20-AUG-2011 07:52:40	53EpsCyg	92	49532
20-AUG-2011 07:55:52	50AlpCyg	19	49532
20-AUG-2011 08:01:06	5AlpCep	89	49532
20-AUG-2011 08:05:14	11BetCas	74	49532
20-AUG-2011 08:20:46	13AlpAur	6	49532
20-AUG-2011 08:23:53	37TheAur	107	49532
20-AUG-2011 08:27:07	12BetTau	28	49532
20-AUG-2011 08:30:01	24GamGem	44	49532
20-AUG-2011 08:33:46	58AlpOri	14	49532
20-AUG-2011 08:35:13	24GamOri	27	49532
20-AUG-2011 08:37:10	46EpsOri	30	49532
20-AUG-2011 08:38:38	44IotOri	125	49532

20-AUG-2011 08:40:25	19BetOri	7	49532
20-AUG-2011 08:42:07	11AlpLep	101	49532
20-AUG-2011 08:45:07	DSA1062	0	49532
20-AUG-2011 08:56:28	The1Eri	157	49533
20-AUG-2011 08:59:56	AlpEri	9	49533
20-AUG-2011 09:05:48	AlpPhe	84	49533
20-AUG-2011 09:08:05	BetGru	63	49533
20-AUG-2011 09:12:48	24AlpPsA	18	49533
20-AUG-2011 09:18:06	49DelCap	142	49533
20-AUG-2011 14:18:49	49DelCap	142	49536
20-AUG-2011 14:22:07	22BetAqr	154	49536
20-AUG-2011 14:23:54	34AlpAqr	162	49536
20-AUG-2011 14:27:00	8EpsPeg	61	49536
20-AUG-2011 14:33:36	53EpsCyg	92	49536
20-AUG-2011 14:36:47	50AlpCyg	19	49536
20-AUG-2011 14:42:01	5AlpCep	89	49536
20-AUG-2011 14:46:07	11BetCas	74	49536
20-AUG-2011 15:01:42	13AlpAur	6	49536
20-AUG-2011 15:04:49	37TheAur	107	49536
20-AUG-2011 15:08:04	12BetTau	28	49536
20-AUG-2011 15:10:58	24GamGem	44	49536
20-AUG-2011 15:14:44	58AlpOri	14	49536
20-AUG-2011 15:16:12	24GamOri	27	49536
20-AUG-2011 15:18:09	46EpsOri	30	49536
20-AUG-2011 15:19:37	44IotOri	125	49536
20-AUG-2011 15:21:24	19BetOri	7	49536
20-AUG-2011 15:23:06	11AlpLep	101	49536
20-AUG-2011 15:26:06	DSA1062	0	49536
20-AUG-2011 15:37:29	The1Eri	157	49537
20-AUG-2011 15:40:55	AlpEri	9	49537
20-AUG-2011 15:46:47	AlpPhe	84	49537
20-AUG-2011 15:49:02	BetGru	63	49537
20-AUG-2011 15:53:45	24AlpPsA	18	49537
20-AUG-2011 15:59:03	49DelCap	142	49537
20-AUG-2011 16:02:21	22BetAqr	154	49537
20-AUG-2011 16:04:08	34AlpAqr	162	49537
20-AUG-2011 16:07:13	8EpsPeg	61	49537
20-AUG-2011 16:13:49	53EpsCyg	92	49537
20-AUG-2011 16:17:01	50AlpCyg	19	49537
20-AUG-2011 16:22:14	5AlpCep	89	49537
20-AUG-2011 16:26:20	11BetCas	74	49537
20-AUG-2011 16:41:55	13AlpAur	6	49537
20-AUG-2011 16:45:03	37TheAur	107	49537
20-AUG-2011 16:48:18	12BetTau	28	49537
20-AUG-2011 16:51:12	24GamGem	44	49537
20-AUG-2011 16:54:58	58AlpOri	14	49537
20-AUG-2011 16:56:26	24GamOri	27	49537
20-AUG-2011 16:58:24	46EpsOri	30	49537
20-AUG-2011 16:59:52	44IotOri	125	49537
20-AUG-2011 17:01:39	19BetOri	7	49537
20-AUG-2011 17:03:21	11AlpLep	101	49537
20-AUG-2011 17:06:21	DSA1062	0	49537
20-AUG-2011 17:17:44	The1Eri	157	49538
20-AUG-2011 17:21:09	AlpEri	9	49538
20-AUG-2011 17:27:01	AlpPhe	84	49538
20-AUG-2011 17:29:17	BetGru	63	49538
20-AUG-2011 17:34:00	24AlpPsA	18	49538
20-AUG-2011 17:39:17	49DelCap	142	49538
20-AUG-2011 17:42:35	22BetAqr	154	49538

20-AUG-2011 17:44:22	34AlpAqr	162	49538
20-AUG-2011 17:47:27	8EpsPeg	61	49538
20-AUG-2011 17:54:03	53EpsCyg	92	49538
20-AUG-2011 17:57:15	50AlpCyg	19	49538
20-AUG-2011 18:02:28	5AlpCep	89	49538
20-AUG-2011 18:06:34	11BetCas	74	49538
20-AUG-2011 18:22:09	13AlpAur	6	49538
20-AUG-2011 18:25:17	37TheAur	107	49538
20-AUG-2011 18:28:32	12BetTau	28	49538
20-AUG-2011 18:31:27	24GamGem	44	49538
20-AUG-2011 18:35:13	58AlpOri	14	49538
20-AUG-2011 18:36:41	24GamOri	27	49538
20-AUG-2011 18:38:39	46EpsOri	30	49538
20-AUG-2011 18:40:07	44IotOri	125	49538
20-AUG-2011 18:41:54	19BetOri	7	49538
20-AUG-2011 18:43:35	11AlpLep	101	49538
20-AUG-2011 18:46:36	DSA1062	0	49538
20-AUG-2011 18:57:59	The1Eri	157	49539
20-AUG-2011 19:01:24	AlpEri	9	49539
20-AUG-2011 19:07:16	AlpPhe	84	49539
20-AUG-2011 19:09:31	BetGru	63	49539
20-AUG-2011 19:14:14	24AlpPsA	18	49539
20-AUG-2011 19:19:31	49DelCap	142	49539
20-AUG-2011 19:22:49	22BetAqr	154	49539
20-AUG-2011 19:24:36	34AlpAqr	162	49539
20-AUG-2011 19:27:41	8EpsPeg	61	49539
20-AUG-2011 19:34:17	53EpsCyg	92	49539
20-AUG-2011 19:37:29	50AlpCyg	19	49539
20-AUG-2011 19:42:42	5AlpCep	89	49539
20-AUG-2011 19:46:47	11BetCas	74	49539
20-AUG-2011 20:02:23	13AlpAur	6	49539
20-AUG-2011 20:05:31	37TheAur	107	49539
20-AUG-2011 20:08:47	12BetTau	28	49539
20-AUG-2011 20:11:41	24GamGem	44	49539
20-AUG-2011 20:15:27	58AlpOri	14	49539
20-AUG-2011 20:16:56	24GamOri	27	49539
20-AUG-2011 20:18:53	46EpsOri	30	49539
20-AUG-2011 20:20:21	44IotOri	125	49539
20-AUG-2011 20:22:09	19BetOri	7	49539
20-AUG-2011 20:23:50	11AlpLep	101	49539
20-AUG-2011 20:26:50	DSA1062	0	49539
20-AUG-2011 20:38:15	The1Eri	157	49540
20-AUG-2011 20:41:39	AlpEri	9	49540
20-AUG-2011 20:47:31	AlpPhe	84	49540

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_1PNPDE20110820_000238_000000413105_00375_49527_6730.N1	20-AUG-2011 00:02:38	Bright	40.500	107	37The Aur	2.6490	11000.	81	49527	No
2	GOM_TRA_1PNPDE20110820_000552_000000573105_00375_49527_6731.N1	20-AUG-2011 00:05:52	Twilight_stray	57.000	28	12Bet Tau	1.6500	15200.	114	49527	No
3	GOM_TRA_1PNPDE20110820_000845_000000453105_00375_49527_6732.N1	20-AUG-2011 00:08:45	Twilight_stray	45.000	44	24Gam Gem	1.9280	11000.	90	49527	No
4	GOM_TRA_1PNPDE20110820_001228_000000573105_00375_49527_6733.N1	20-AUG-2011 00:12:28	Dark	56.500	14	58Alp Ori	0.87000	3000.0	113	49527	No
5	GOM_TRA_1PNPDE20110820_001355_000000563105_00375_49527_6734.N1	20-AUG-2011 00:13:55	Dark	55.500	27	24Gam Ori	1.6360	26000.	111	49527	No
6	GOM_TRA_1PNPDE20110820_001552_000000523105_00375_49527_6735.N1	20-AUG-2011 00:15:52	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	49527	No
7	GOM_TRA_1PNPDE20110820_001720_000000473105_00375_49527_6736.N1	20-AUG-2011 00:17:20	Dark	46.500	125	44Iot Ori	2.7700	30000.	93	49527	No
8	GOM_TRA_1PNPDE20110820_001905_000000643105_00375_49527_6735.N1	20-AUG-2011 00:19:05	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	49527	Yes
9	GOM_TRA_1PNPDE20110820_002048_000000523105_00375_49527_6736.N1	20-AUG-2011 00:20:48	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	49527	No
10	GOM_TRA_1PNPDE20110820_003508_000000523105_00376_49528_6737.N1	20-AUG-2011 00:35:08	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49528	No

11	GOM_TRA_1PNPDE20110820_003838_000000463105_00376_49528_6738.N1	20-AUG-2011 00:38:38	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49528	No
12	GOM_TRA_1PNPDE20110820_004429_000000533105_00376_49528_6739.N1	20-AUG-2011 00:44:29	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49528	No
13	GOM_TRA_1PNPDE20110820_004648_000000573105_00376_49528_6740.N1	20-AUG-2011 00:46:48	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	49528	No
14	GOM_TRA_1PNPDE20110820_005131_000000523105_00376_49528_6741.N1	20-AUG-2011 00:51:31	Twilight_and_stray	52.000	18	24Alp PsA	1.1660	9700.0	104	49528	No
15	GOM_TRA_1PNPDE20110820_005651_000000423105_00376_49528_6742.N1	20-AUG-2011 00:56:51	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	49528	No
16	GOM_TRA_1PNPDE20110820_010010_000000403105_00376_49528_6743.N1	20-AUG-2011 01:00:10	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	49528	No
17	GOM_TRA_1PNPDE20110820_010159_000000463105_00376_49528_6744.N1	20-AUG-2011 01:01:59	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49528	No
18	GOM_TRA_1PNPDE20110820_010505_000000413105_00376_49528_6745.N1	20-AUG-2011 01:05:05	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49528	No
19	GOM_TRA_1PNPDE20110820_011140_000000393105_00376_49528_6746.N1	20-AUG-2011 01:11:40	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49528	No
20	GOM_TRA_1PNPDE20110820_011452_000000393105_00376_49528_6747.N1	20-AUG-2011 01:14:52	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49528	No
21	GOM_TRA_1PNPDE20110820_012006_000000393105_00376_49528_6748.N1	20-AUG-2011 01:20:06	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49528	No
22	GOM_TRA_1PNPDE20110820_012417_000000463105_00376_49528_6749.N1	20-AUG-2011 01:24:17	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	49528	No
23	GOM_TRA_1PNPDE20110820_013946_000000523105_00376_49528_6750.N1	20-AUG-2011 01:39:46	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	49528	No
24	GOM_TRA_1PNPDE20110820_014252_000000413105_00376_49528_6751.N1	20-AUG-2011 01:42:52	Bright	41.000	107	37The Aur	2.6490	11000.	82	49528	No
25	GOM_TRA_1PNPDE20110820_014606_000000553105_00376_49528_6752.N1	20-AUG-2011 01:46:06	Twilight_and_stray	54.500	28	12Bet Tau	1.6500	15200.	109	49528	No
26	GOM_TRA_1PNPDE20110820_014859_000000453105_00376_49528_6753.N1	20-AUG-2011 01:48:59	Twilight_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	49528	No
27	GOM_TRA_1PNPDE20110820_015243_000000643105_00376_49528_6754.N1	20-AUG-2011 01:52:43	Dark	63.500	14	58Alp Ori	0.87000	3000.0	127	49528	No
28	GOM_TRA_1PNPDE20110820_015409_000000573105_00376_49528_6755.N1	20-AUG-2011 01:54:09	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	49528	No
29	GOM_TRA_1PNPDE20110820_015607_000000563105_00376_49528_6764.N1	20-AUG-2011 01:56:07	Dark	56.000	30	46Eps Ori	1.6940	30000.	112	49528	No
30	GOM_TRA_1PNPDE20110820_015735_000000493105_00376_49528_6765.N1	20-AUG-2011 01:57:35	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49528	No
31	GOM_TRA_1PNPDE20110820_015920_000000613105_00376_49528_6766.N1	20-AUG-2011 01:59:20	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	49528	No
32	GOM_TRA_1PNPDE20110820_020103_000000473105_00376_49528_6767.N1	20-AUG-2011 02:01:03	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	49528	No
33	GOM_TRA_1PNPDE20110820_021523_000000523105_00377_49529_6768.N1	20-AUG-2011 02:15:23	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49529	No
34	GOM_TRA_1PNPDE20110820_021853_000000443105_00377_49529_6769.N1	20-AUG-2011 02:18:53	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49529	No
35	GOM_TRA_1PNPDE20110820_022444_000000603105_00377_49529_6770.N1	20-AUG-2011 02:24:44	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	49529	No
36	GOM_TRA_1PNPDE20110820_022703_000000463105_00377_49529_6771.N1	20-AUG-2011 02:27:03	Straylight	46.000	63	Bet Gru	2.1500	2800.0	92	49529	No
37	GOM_TRA_1PNPDE20110820_023146_000000523105_00377_49529_6772.N1	20-AUG-2011 02:31:46	Twilight_and_stray	52.000	18	24Alp PsA	1.1660	9700.0	104	49529	No
38	GOM_TRA_1PNPDE20110820_023705_000000453105_00377_49529_6773.N1	20-AUG-2011 02:37:05	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49529	No
39	GOM_TRA_1PNPDE20110820_024024_000000413105_00377_49529_6774.N1	20-AUG-2011 02:40:24	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49529	No
40	GOM_TRA_1PNPDE20110820_024213_000000463105_00377_49529_6775.N1	20-AUG-2011 02:42:13	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49529	No
41	GOM_TRA_1PNPDE20110820_024519_000000423105_00377_49529_6776.N1	20-AUG-2011 02:45:19	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49529	No
42	GOM_TRA_1PNPDE20110820_025154_000000383105_00377_49529_6777.N1	20-AUG-2011 02:51:54	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49529	No
43	GOM_TRA_1PNPDE20110820_025505_000000393105_00377_49529_6778.N1	20-AUG-2011 02:55:05	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49529	No
44	GOM_TRA_1PNPDE20110820_030020_000000363105_00377_49529_6779.N1	20-AUG-2011 03:00:20	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	49529	No
45	GOM_TRA_1PNPDE20110820_030430_000000483105_00377_49529_6780.N1	20-AUG-2011 03:04:30	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	49529	No
46	GOM_TRA_1PNPDE20110820_032000_000000523105_00377_49529_6812.N1	20-AUG-2011 03:20:00	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	49529	No
47	GOM_TRA_1PNPDE20110820_032306_000000423105_00377_49529_6813.N1	20-AUG-2011 03:23:06	Bright	42.000	107	37The Aur	2.6490	11000.	84	49529	No
48	GOM_TRA_1PNPDE20110820_032620_000000563105_00377_49529_6814.N1	20-AUG-2011 03:26:20	Twilight_and_stray	56.000	28	12Bet Tau	1.6500	15200.	112	49529	No
49	GOM_TRA_1PNPDE20110820_032914_000000473105_00377_49529_6815.N1	20-AUG-2011 03:29:14	Twilight_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	49529	No
50	GOM_TRA_1PNPDE20110820_033257_000000643105_00377_49529_6816.N1	20-AUG-2011 03:32:57	Dark	64.000	14	58Alp Ori	0.87000	3000.0	128	49529	No
51	GOM_TRA_1PNPDE20110820_033424_000000573105_00377_49529_6817.N1	20-AUG-2011 03:34:24	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	49529	No
52	GOM_TRA_1PNPDE20110820_033622_000000533105_00377_49529_6818.N1	20-AUG-2011 03:36:22	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	49529	No
53	GOM_TRA_1PNPDE20110820_033749_000000493105_00377_49529_6819.N1	20-AUG-2011 03:37:49	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49529	No
54	GOM_TRA_1PNPDE20110820_033935_000000623105_00377_49529_6820.N1	20-AUG-2011 03:39:35	Dark	62.000	7	19Bet Ori	0.10000	14000.	124	49529	No
55	GOM_TRA_1PNPDE20110820_034118_000000493105_00377_49529_6821.N1	20-AUG-2011 03:41:18	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	49529	No
56	GOM_TRA_1PNPDE20110820_035538_000000543105_00378_49530_6822.N1	20-AUG-2011 03:55:38	Dark	54.000	157	The1Eri	2.9060	9300.0	108	49530	No
57	GOM_TRA_1PNPDE20110820_035908_000000483105_00378_49530_6823.N1	20-AUG-2011 03:59:08	Dark	47.500	9	Alp Eri	0.45300	24000.	95	49530	No
58	GOM_TRA_1PNPDE20110820_040459_000000513105_00378_49530_6824.N1	20-AUG-2011 04:04:59	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	49530	No
59	GOM_TRA_1PNPDE20110820_040717_000000543105_00378_49530_6825.N1	20-AUG-2011 04:07:17	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	49530	No
60	GOM_TRA_1PNPDE20110820_041200_000000513105_00378_49530_6826.N1	20-AUG-2011 04:12:00	Twilight_and_stray	50.500	18	24Alp PsA	1.1660	9700.0	101	49530	No
61	GOM_TRA_1PNPDE20110820_041720_000000433105_00378_49530_6827.N1	20-AUG-2011 04:17:20	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49530	No
62	GOM_TRA_1PNPDE20110820_042038_000000423105_00378_49530_6828.N1	20-AUG-2011 04:20:38	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	49530	No
63	GOM_TRA_1PNPDE20110820_042227_000000463105_00378_49530_6829.N1	20-AUG-2011 04:22:27	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49530	No
64	GOM_TRA_1PNPDE20110820_042532_000000433105_00378_49530_6830.N1	20-AUG-2011 04:25:32	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	49530	No
65	GOM_TRA_1PNPDE20110820_043208_000000363105_00378_49530_6831.N1	20-AUG-2011 04:32:08	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	49530	No
66	GOM_TRA_1PNPDE20110820_043519_000000383105_00378_49530_6832.N1	20-AUG-2011 04:35:19	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49530	No
67	GOM_TRA_1PNPDE20110820_044033_000000363105_00378_49530_6833.N1	20-AUG-2011 04:40:33	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	49530	No
68	GOM_TRA_1PNPDE20110820_044443_000000483105_00378_49530_6834.N1	20-AUG-2011 04:44:43	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	49530	No
69	GOM_TRA_1PNPDE20110820_050014_000000513105_00378_49530_6859.N1	20-AUG-2011 05:00:14	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	49530	No

70	GOM_TRA_1PNPDE20110820_050320_000000493105_00378_49530_6860.N1	20-AUG-2011 05:03:20	Bright	49.000	107	37The Aur	2.6490	11000.	98	49530	No
71	GOM_TRA_1PNPDE20110820_050634_000000573105_00378_49530_6861.N1	20-AUG-2011 05:06:34	Twilight	56.500	28	12Bet Tau	1.6500	15200.	113	49530	No
72	GOM_TRA_1PNPDE20110820_050928_000000463105_00378_49530_6862.N1	20-AUG-2011 05:09:28	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	49530	No
73	GOM_TRA_1PNPDE20110820_051312_000000643105_00378_49530_6863.N1	20-AUG-2011 05:13:12	Dark	64.000	14	58Alp Ori	0.87000	3000.0	128	49530	No
74	GOM_TRA_1PNPDE20110820_051439_000000563105_00378_49530_6864.N1	20-AUG-2011 05:14:39	Dark	55.500	27	24Gam Ori	1.6360	26000.	111	49530	No
75	GOM_TRA_1PNPDE20110820_051637_000000543105_00378_49530_6865.N1	20-AUG-2011 05:16:37	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	49530	No
76	GOM_TRA_1PNPDE20110820_051804_000000493105_00378_49530_6866.N1	20-AUG-2011 05:18:04	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	49530	No
77	GOM_TRA_1PNPDE20110820_051950_000000703105_00378_49530_6867.N1	20-AUG-2011 05:19:50	Dark	70.000	7	19Bet Ori	0.10000	14000.	140	49530	No
78	GOM_TRA_1PNPDE20110820_052133_000000493105_00378_49530_6868.N1	20-AUG-2011 05:21:33	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	49530	No
79	GOM_TRA_1PNPDE20110820_053553_000000533105_00379_49531_6869.N1	20-AUG-2011 05:35:53	Dark	52.500	157	The1Eri	2.9060	9300.0	105	49531	No
80	GOM_TRA_1PNPDE20110820_053923_000000463105_00379_49531_6870.N1	20-AUG-2011 05:39:23	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49531	No
81	GOM_TRA_1PNPDE20110820_054514_000000503105_00379_49531_6871.N1	20-AUG-2011 05:45:14	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	49531	No
82	GOM_TRA_1PNPDE20110820_054732_000000473105_00379_49531_6872.N1	20-AUG-2011 05:47:32	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	49531	No
83	GOM_TRA_1PNPDE20110820_055215_000000513105_00379_49531_6873.N1	20-AUG-2011 05:52:15	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	49531	No
84	GOM_TRA_1PNPDE20110820_055734_000000433105_00379_49531_6874.N1	20-AUG-2011 05:57:34	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49531	No
85	GOM_TRA_1PNPDE20110820_060052_000000423105_00379_49531_6875.N1	20-AUG-2011 06:00:52	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	49531	No
86	GOM_TRA_1PNPDE20110820_060241_000000463105_00379_49531_6876.N1	20-AUG-2011 06:02:41	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49531	No
87	GOM_TRA_1PNPDE20110820_060546_000000613105_00379_49531_6877.N1	20-AUG-2011 06:05:46	Bright	61.000	61	8Eps Peg	2.1000	3900.0	122	49531	No
88	GOM_TRA_1PNPDE20110820_061222_000000383105_00379_49531_6878.N1	20-AUG-2011 06:12:22	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49531	No
89	GOM_TRA_1PNPDE20110820_061533_000000383105_00379_49531_6879.N1	20-AUG-2011 06:15:33	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	49531	No
90	GOM_TRA_1PNPDE20110820_062047_000000383105_00379_49531_6880.N1	20-AUG-2011 06:20:47	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49531	No
91	GOM_TRA_1PNPDE20110820_062456_000000483105_00379_49531_6881.N1	20-AUG-2011 06:24:56	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	49531	No
92	GOM_TRA_1PNPDK20110820_064028_000000503105_00379_49531_3445.N1	20-AUG-2011 06:40:28	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	49531	No
93	GOM_TRA_1PNPDK20110820_064334_000000423105_00379_49531_3446.N1	20-AUG-2011 06:43:34	Bright	41.500	107	37The Aur	2.6490	11000.	83	49531	No
94	GOM_TRA_1PNPDK20110820_064649_000000543105_00379_49531_3447.N1	20-AUG-2011 06:46:49	Twilight	54.000	28	12Bet Tau	1.6500	15200.	108	49531	No
95	GOM_TRA_1PNPDK20110820_064942_000000453105_00379_49531_3448.N1	20-AUG-2011 06:49:42	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	49531	No
96	GOM_TRA_1PNPDK20110820_065327_000000463105_00379_49531_3449.N1	20-AUG-2011 06:53:27	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	49531	No
97	GOM_TRA_1PNPDK20110820_065454_000000573105_00379_49531_3450.N1	20-AUG-2011 06:54:54	Dark	56.500	27	24Gam Ori	1.6360	26000.	113	49531	No
98	GOM_TRA_1PNPDK20110820_065651_000000513105_00379_49531_3451.N1	20-AUG-2011 06:56:51	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	49531	No
99	GOM_TRA_1PNPDK20110820_065819_000000523105_00379_49531_3452.N1	20-AUG-2011 06:58:19	Dark	52.000	125	44Iot Ori	2.7700	30000.	104	49531	No
100	GOM_TRA_1PNPDK20110820_070005_000000613105_00379_49531_3453.N1	20-AUG-2011 07:00:05	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	49531	No
101	GOM_TRA_1PNPDK20110820_070147_000000493105_00379_49531_3454.N1	20-AUG-2011 07:01:47	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49531	No
102	GOM_TRA_1PNPDK20110820_071609_000000523105_00380_49532_3455.N1	20-AUG-2011 07:16:09	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49532	No
103	GOM_TRA_1PNPDK20110820_071937_000000443105_00380_49532_3456.N1	20-AUG-2011 07:19:37	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49532	No
104	GOM_TRA_1PNPDK20110820_072529_000000623105_00380_49532_3457.N1	20-AUG-2011 07:25:29	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	49532	No
105	GOM_TRA_1PNPDK20110820_072746_000000493105_00380_49532_3458.N1	20-AUG-2011 07:27:46	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	49532	No
106	GOM_TRA_1PNPDK20110820_073229_000000523105_00380_49532_3459.N1	20-AUG-2011 07:32:29	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	49532	No
107	GOM_TRA_1PNPDK20110820_073748_000000423105_00380_49532_3460.N1	20-AUG-2011 07:37:48	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	49532	No
108	GOM_TRA_1PNPDK20110820_074106_000000423105_00380_49532_3623.N1	20-AUG-2011 07:41:06	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	49532	No
109	GOM_TRA_1PNPDK20110820_074254_000000453105_00380_49532_3624.N1	20-AUG-2011 07:42:54	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49532	No
110	GOM_TRA_1PNPDK20110820_074600_000000443105_00380_49532_3625.N1	20-AUG-2011 07:46:00	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	49532	No
111	GOM_TRA_1PNPDK20110820_075236_000000353105_00380_49532_3626.N1	20-AUG-2011 07:52:36	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	49532	No
112	GOM_TRA_1PNPDK20110820_075547_000000393105_00380_49532_3627.N1	20-AUG-2011 07:55:47	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49532	No
113	GOM_TRA_1PNPDK20110820_080101_000000383105_00380_49532_3628.N1	20-AUG-2011 08:01:01	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49532	No
114	GOM_TRA_1PNPDK20110820_080510_000000473105_00380_49532_3629.N1	20-AUG-2011 08:05:10	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	49532	No
115	GOM_TRA_1PNPDK20110820_082042_000000533105_00380_49532_3630.N1	20-AUG-2011 08:20:42	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	49532	No
116	GOM_TRA_1PNPDK20110820_082348_000000413105_00380_49532_3631.N1	20-AUG-2011 08:23:48	Bright	41.000	107	37The Aur	2.6490	11000.	82	49532	No
117	GOM_TRA_1PNPDK20110820_082703_000000553105_00380_49532_3632.N1	20-AUG-2011 08:27:03	Twilight	55.000	28	12Bet Tau	1.6500	15200.	110	49532	No
118	GOM_TRA_1PNPDK20110820_082957_000000423105_00380_49532_3633.N1	20-AUG-2011 08:29:57	Twilight	42.000	44	24Gam Gem	1.9280	11000.	84	49532	No
119	GOM_TRA_1PNPDK20110820_083341_000000533105_00380_49532_3634.N1	20-AUG-2011 08:33:41	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	49532	No
120	GOM_TRA_1PNPDK20110820_083508_000000583105_00380_49532_3635.N1	20-AUG-2011 08:35:08	Dark	57.500	27	24Gam Ori	1.6360	26000.	115	49532	No
121	GOM_TRA_1PNPDK20110820_083706_000000543105_00380_49532_3636.N1	20-AUG-2011 08:37:06	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	49532	No
122	GOM_TRA_1PNPDK20110820_083834_000000503105_00380_49532_3637.N1	20-AUG-2011 08:38:34	Dark	50.000	125	44Iot Ori	2.7700	30000.	100	49532	No
123	GOM_TRA_1PNPDK20110820_084020_000000603105_00380_49532_3638.N1	20-AUG-2011 08:40:20	Dark	60.000	7	19Bet Ori	0.10000	14000.	120	49532	No
124	GOM_TRA_1PNPDK20110820_084202_000000503105_00380_49532_3639.N1	20-AUG-2011 08:42:02	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	49532	No
125	GOM_TRA_1PNPDK20110820_085624_000000533105_00381_49533_3640.N1	20-AUG-2011 08:56:24	Dark	52.500	157	The1Eri	2.9060	9300.0	105	49533	No
126	GOM_TRA_1PNPDK20110820_085952_000000483105_00381_49533_3641.N1	20-AUG-2011 08:59:52	Dark	48.000	9	Alp Eri	0.45300	24000.	96	49533	No
127	GOM_TRA_1PNPDK20110820_090543_000000543105_00381_49533_3642.N1	20-AUG-2011 09:05:43	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49533	No
128	GOM_TRA_1PNPDK20110820_090801_000000463105_00381_49533_3643.N1	20-AUG-2011 09:08:01	Straylight	45.500	63	Bet Gru	2.1500	2800.0	91	49533	No

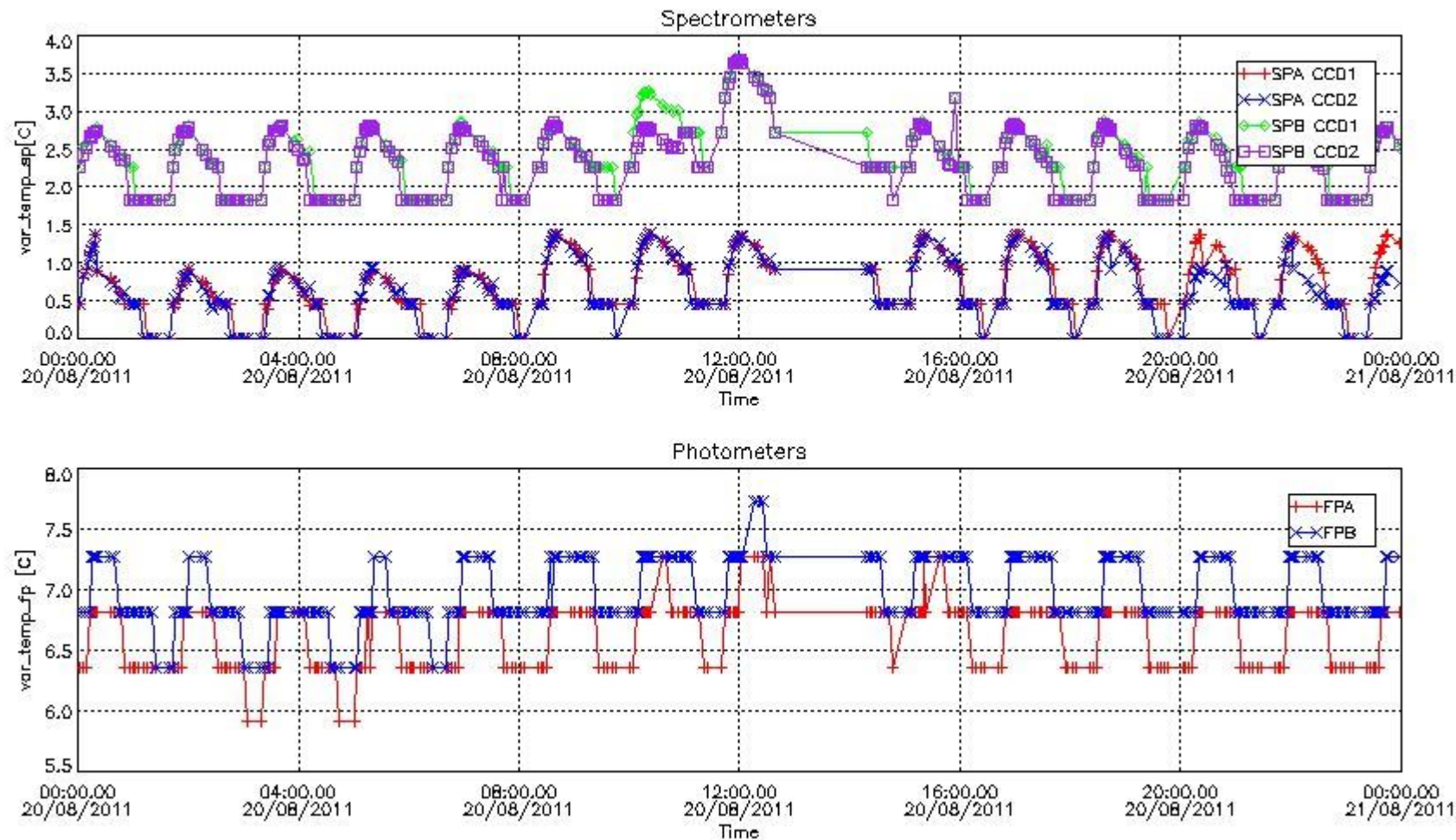
129	GOM_TRA_1PNPDK20110820_091243_000000553105_00381_49533_3644.N1	20-AUG-2011 09:12:43	Twilight	54.500	18	24Alp PsA	1.1660	9700.0	109	49533	No
130	GOM_TRA_1PNPDK20110820_091802_000000443105_00381_49533_3645.N1	20-AUG-2011 09:18:02	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49533	No
131	GOM_TRA_1PNPDK20110820_092120_000000403105_00381_49533_3599.N1	20-AUG-2011 09:21:20	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	49533	No
132	GOM_TRA_1PNPDK20110820_092308_000000443105_00381_49533_3600.N1	20-AUG-2011 09:23:08	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	49533	No
133	GOM_TRA_1PNPDK20110820_092614_000000413105_00381_49533_3601.N1	20-AUG-2011 09:26:14	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49533	No
134	GOM_TRA_1PNPDK20110820_093249_000000393105_00381_49533_3602.N1	20-AUG-2011 09:32:49	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49533	No
135	GOM_TRA_1PNPDK20110820_093601_000000543105_00381_49533_3603.N1	20-AUG-2011 09:36:01	Bright	54.000	19	50Alp Cyg	1.2460	10500.	108	49533	No
136	GOM_TRA_1PNPDK20110820_094115_000000393105_00381_49533_3604.N1	20-AUG-2011 09:41:15	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49533	No
137	GOM_TRA_1PNPDK20110820_094523_000000493105_00381_49533_3605.N1	20-AUG-2011 09:45:23	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	49533	No
138	GOM_TRA_1PNPDK20110820_100056_000000493105_00381_49533_3606.N1	20-AUG-2011 10:00:56	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	49533	No
139	GOM_TRA_1PNPDK20110820_100402_000000423105_00381_49533_3607.N1	20-AUG-2011 10:04:02	Bright	41.500	107	37The Aur	2.6490	11000.	83	49533	No
140	GOM_TRA_1PNPDK20110820_100717_000000553105_00381_49533_3608.N1	20-AUG-2011 10:07:17	Twilight	55.000	28	12Bet Tau	1.6500	15200.	110	49533	No
141	GOM_TRA_1PNPDK20110820_101011_000000383105_00381_49533_3609.N1	20-AUG-2011 10:10:11	Twilight	37.500	44	24Gam Gem	1.9280	11000.	75	49533	No
142	GOM_TRA_1PNPDK20110820_101356_000000553105_00381_49533_3610.N1	20-AUG-2011 10:13:56	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	49533	No
143	GOM_TRA_1PNPDK20110820_101523_000000583105_00381_49533_3611.N1	20-AUG-2011 10:15:23	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	49533	No
144	GOM_TRA_1PNPDK20110820_101721_000000553105_00381_49533_3612.N1	20-AUG-2011 10:17:21	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	49533	No
145	GOM_TRA_1PNPDK20110820_101849_000000493105_00381_49533_3613.N1	20-AUG-2011 10:18:49	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49533	No
146	GOM_TRA_1PNPDK20110820_102035_000000603105_00381_49533_3614.N1	20-AUG-2011 10:20:35	Dark	60.000	7	19Bet Ori	0.10000	14000.	120	49533	No
147	GOM_TRA_1PNPDK20110820_102217_000000493105_00381_49533_3615.N1	20-AUG-2011 10:22:17	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49533	No
148	GOM_TRA_1PNPDK20110820_103639_000000523105_00382_49534_3616.N1	20-AUG-2011 10:36:39	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49534	No
149	GOM_TRA_1PNPDK20110820_104006_000000463105_00382_49534_3617.N1	20-AUG-2011 10:40:06	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49534	No
150	GOM_TRA_1PNPDK20110820_104558_000000533105_00382_49534_3618.N1	20-AUG-2011 10:45:58	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49534	No
151	GOM_TRA_1PNPDK20110820_104815_000000543105_00382_49534_3619.N1	20-AUG-2011 10:48:15	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	49534	No
152	GOM_TRA_1PNPDK20110820_105258_000000533105_00382_49534_3620.N1	20-AUG-2011 10:52:58	Twilight	53.000	18	24Alp PsA	1.1660	9700.0	106	49534	No
153	GOM_TRA_1PNPDK20110820_105816_000000413105_00382_49534_3621.N1	20-AUG-2011 10:58:16	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	49534	No
154	GOM_TRA_1PNPDK20110820_110134_000000413105_00382_49534_4005.N1	20-AUG-2011 11:01:34	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49534	No
155	GOM_TRA_1PNPDK20110820_110322_000000463105_00382_49534_4006.N1	20-AUG-2011 11:03:22	Bright	46.000	162	34Alp Aqr	2.9440	5350.0	92	49534	No
156	GOM_TRA_1PNPDK20110820_110628_000000413105_00382_49534_4007.N1	20-AUG-2011 11:06:28	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	49534	No
157	GOM_TRA_1PNPDK20110820_111303_000000373105_00382_49534_4008.N1	20-AUG-2011 11:13:03	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	49534	No
158	GOM_TRA_1PNPDK20110820_111615_000000383105_00382_49534_4009.N1	20-AUG-2011 11:16:15	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49534	No
159	GOM_TRA_1PNPDK20110820_112128_000000393105_00382_49534_4010.N1	20-AUG-2011 11:21:28	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49534	No
160	GOM_TRA_1PNPDK20110820_112536_000000443105_00382_49534_4011.N1	20-AUG-2011 11:25:36	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	49534	No
161	GOM_TRA_1PNPDK20110820_114109_000000533105_00382_49534_4012.N1	20-AUG-2011 11:41:09	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	49534	No
162	GOM_TRA_1PNPDK20110820_114416_000000453105_00382_49534_4013.N1	20-AUG-2011 11:44:16	Bright	44.500	107	37The Aur	2.6490	11000.	89	49534	No
163	GOM_TRA_1PNPDK20110820_114731_000000563105_00382_49534_4014.N1	20-AUG-2011 11:47:31	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	49534	No
164	GOM_TRA_1PNPDK20110820_115025_000000383105_00382_49534_4015.N1	20-AUG-2011 11:50:25	Twilight	38.000	44	24Gam Gem	1.9280	11000.	76	49534	No
165	GOM_TRA_1PNPDK20110820_115410_000000583105_00382_49534_4016.N1	20-AUG-2011 11:54:10	Dark	57.500	14	58Alp Ori	0.87000	3000.0	115	49534	No
166	GOM_TRA_1PNPDK20110820_115538_000000583105_00382_49534_4017.N1	20-AUG-2011 11:55:38	Dark	57.500	27	24Gam Ori	1.6360	26000.	115	49534	No
167	GOM_TRA_1PNPDK20110820_115735_000000553105_00382_49534_4018.N1	20-AUG-2011 11:57:35	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	49534	No
168	GOM_TRA_1PNPDK20110820_115903_000000493105_00382_49534_4019.N1	20-AUG-2011 11:59:03	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49534	No
169	GOM_TRA_1PNPDK20110820_120050_000000603105_00382_49534_4020.N1	20-AUG-2011 12:00:50	Dark	59.500	7	19Bet Ori	0.10000	14000.	119	49534	No
170	GOM_TRA_1PNPDK20110820_120232_000000483105_00382_49534_4021.N1	20-AUG-2011 12:02:32	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	49534	No
171	GOM_TRA_1PNPDK20110820_121654_000000533105_00383_49535_4022.N1	20-AUG-2011 12:16:54	Dark	52.500	157	The1Eri	2.9060	9300.0	105	49535	No
172	GOM_TRA_1PNPDK20110820_122021_000000463105_00383_49535_4023.N1	20-AUG-2011 12:20:21	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49535	No
173	GOM_TRA_1PNPDK20110820_122613_000000483105_00383_49535_4024.N1	20-AUG-2011 12:26:13	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	49535	No
174	GOM_TRA_1PNPDK20110820_122829_000000453105_00383_49535_4025.N1	20-AUG-2011 12:28:29	Straylight	45.000	63	Bet Gru	2.1500	2800.0	90	49535	No
175	GOM_TRA_1PNPDK20110820_123312_000000543105_00383_49535_4026.N1	20-AUG-2011 12:33:12	Twilight	53.500	18	24Alp PsA	1.1660	9700.0	107	49535	No
176	GOM_TRA_1PNPDK20110820_123830_000000433105_00383_49535_4027.N1	20-AUG-2011 12:38:30	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	49535	No
177	GOM_TRA_1PNPDK20110820_141844_000000433105_00384_49536_3657.N1	20-AUG-2011 14:18:44	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49536	No
178	GOM_TRA_1PNPDK20110820_142202_000000413105_00384_49536_3658.N1	20-AUG-2011 14:22:02	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49536	No
179	GOM_TRA_1PNPDK20110820_142350_000000453105_00384_49536_3659.N1	20-AUG-2011 14:23:50	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49536	No
180	GOM_TRA_1PNPDK20110820_142655_000000423105_00384_49536_3660.N1	20-AUG-2011 14:26:55	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	49536	No
181	GOM_TRA_1PNPDK20110820_143331_000000383105_00384_49536_3661.N1	20-AUG-2011 14:33:31	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49536	No
182	GOM_TRA_1PNPDK20110820_143643_000000383105_00384_49536_3662.N1	20-AUG-2011 14:36:43	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49536	No
183	GOM_TRA_1PNPDK20110820_144156_000000383105_00384_49536_3663.N1	20-AUG-2011 14:41:56	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49536	No
184	GOM_TRA_1PNPDK20110820_144603_000000483105_00384_49536_3664.N1	20-AUG-2011 14:46:03	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	49536	No
185	GOM_TRA_1PNPDK20110820_150137_000000523105_00384_49536_3665.N1	20-AUG-2011 15:01:37	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	49536	No
186	GOM_TRA_1PNPDK20110820_150444_000000453105_00384_49536_3666.N1	20-AUG-2011 15:04:44	Bright	45.000	107	37The Aur	2.6490	11000.	90	49536	No
187	GOM_TRA_1PNPDK20110820_150759_000000563105_00384_49536_3667.N1	20-AUG-2011 15:07:59	Twilight	55.500	28	12Bet Tau	1.6500	15200.	111	49536	No

188	GOM_TRA_1PNPDK20110820_151054_000000463105_00384_49536_3668.N1	20-AUG-2011 15:10:54	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	49536	No
189	GOM_TRA_1PNPDK20110820_151439_000000583105_00384_49536_3669.N1	20-AUG-2011 15:14:39	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	49536	No
190	GOM_TRA_1PNPDK20110820_151607_000000573105_00384_49536_3670.N1	20-AUG-2011 15:16:07	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	49536	No
191	GOM_TRA_1PNPDK20110820_151805_000000553105_00384_49536_3671.N1	20-AUG-2011 15:18:05	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	49536	No
192	GOM_TRA_1PNPDK20110820_151933_000000483105_00384_49536_3672.N1	20-AUG-2011 15:19:33	Dark	47.500	125	44Iot Ori	2.7700	30000.	95	49536	No
193	GOM_TRA_1PNPDK20110820_152120_000000653105_00384_49536_3673.N1	20-AUG-2011 15:21:20	Dark	64.500	7	19Bet Ori	0.10000	14000.	129	49536	No
194	GOM_TRA_1PNPDK20110820_152301_000000483105_00384_49536_3674.N1	20-AUG-2011 15:23:01	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	49536	No
195	GOM_TRA_1PNPDK20110820_153725_000000533105_00385_49537_3675.N1	20-AUG-2011 15:37:25	Dark	52.500	157	The1Eri	2.9060	9300.0	105	49537	No
196	GOM_TRA_1PNPDK20110820_154050_000000453105_00385_49537_3676.N1	20-AUG-2011 15:40:50	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49537	No
197	GOM_TRA_1PNPDK20110820_154642_000000503105_00385_49537_3677.N1	20-AUG-2011 15:46:42	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	49537	No
198	GOM_TRA_1PNPDK20110820_154858_000000513105_00385_49537_3678.N1	20-AUG-2011 15:48:58	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	49537	No
199	GOM_TRA_1PNPDK20110820_155341_000000503105_00385_49537_3692.N1	20-AUG-2011 15:53:41	Twilight	49.500	18	24Alp PsA	1.1660	9700.0	99	49537	Yes
200	GOM_TRA_1PNPDK20110820_155858_000000443105_00385_49537_3693.N1	20-AUG-2011 15:58:58	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49537	No
201	GOM_TRA_1PNPDK20110820_160216_000000413105_00385_49537_3694.N1	20-AUG-2011 16:02:16	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49537	No
202	GOM_TRA_1PNPDK20110820_160403_000000453105_00385_49537_3695.N1	20-AUG-2011 16:04:03	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	49537	No
203	GOM_TRA_1PNPDK20110820_160709_000000433105_00385_49537_3696.N1	20-AUG-2011 16:07:09	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	49537	No
204	GOM_TRA_1PNPDK20110820_161345_000000373105_00385_49537_3697.N1	20-AUG-2011 16:13:45	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	49537	No
205	GOM_TRA_1PNPDK20110820_161656_000000383105_00385_49537_3698.N1	20-AUG-2011 16:16:56	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49537	No
206	GOM_TRA_1PNPDK20110820_162210_000000383105_00385_49537_3699.N1	20-AUG-2011 16:22:10	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49537	No
207	GOM_TRA_1PNPDK20110820_162616_000000453105_00385_49537_3700.N1	20-AUG-2011 16:26:16	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	49537	No
208	GOM_TRA_1PNPDK20110820_164151_000000543105_00385_49537_3701.N1	20-AUG-2011 16:41:51	Bright	53.500	6	13Alp Aur	0.080000	3400.0	107	49537	No
209	GOM_TRA_1PNPDK20110820_164458_000000463105_00385_49537_3702.N1	20-AUG-2011 16:44:58	Bright	46.000	107	37The Aur	2.6490	11000.	92	49537	No
210	GOM_TRA_1PNPDK20110820_164814_000000553105_00385_49537_3703.N1	20-AUG-2011 16:48:14	Twilight	55.000	28	12Bet Tau	1.6500	15200.	110	49537	No
211	GOM_TRA_1PNPDK20110820_165108_000000473105_00385_49537_3704.N1	20-AUG-2011 16:51:08	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	49537	No
212	GOM_TRA_1PNPDK20110820_165454_000000543105_00385_49537_3705.N1	20-AUG-2011 16:54:54	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	49537	No
213	GOM_TRA_1PNPDK20110820_165622_000000583105_00385_49537_3706.N1	20-AUG-2011 16:56:22	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	49537	No
214	GOM_TRA_1PNPDK20110820_165819_000000543105_00385_49537_3707.N1	20-AUG-2011 16:58:19	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	49537	No
215	GOM_TRA_1PNPDK20110820_165948_000000513105_00385_49537_3708.N1	20-AUG-2011 16:59:48	Dark	50.500	125	44Iot Ori	2.7700	30000.	101	49537	No
216	GOM_TRA_1PNPDK20110820_170135_000000613105_00385_49537_3709.N1	20-AUG-2011 17:01:35	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	49537	No
217	GOM_TRA_1PNPDK20110820_170316_000000503105_00385_49537_3710.N1	20-AUG-2011 17:03:16	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	49537	No
218	GOM_TRA_1PNPDK20110820_171740_000000523105_00386_49538_3711.N1	20-AUG-2011 17:17:40	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49538	No
219	GOM_TRA_1PNPDK20110820_172105_000000453105_00386_49538_3712.N1	20-AUG-2011 17:21:05	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49538	No
220	GOM_TRA_1PNPDK20110820_172657_000000543105_00386_49538_3713.N1	20-AUG-2011 17:26:57	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49538	No
221	GOM_TRA_1PNPDK20110820_172912_000000513105_00386_49538_3714.N1	20-AUG-2011 17:29:12	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	49538	No
222	GOM_TRA_1PNPDK20110820_173355_000000533105_00386_49538_3726.N1	20-AUG-2011 17:33:55	Twilight	53.000	18	24Alp PsA	1.1660	9700.0	106	49538	No
223	GOM_TRA_1PNPDK20110820_173912_000000413105_00386_49538_3727.N1	20-AUG-2011 17:39:12	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	49538	No
224	GOM_TRA_1PNPDK20110820_174230_000000413105_00386_49538_3728.N1	20-AUG-2011 17:42:30	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49538	No
225	GOM_TRA_1PNPDK20110820_174417_000000453105_00386_49538_3729.N1	20-AUG-2011 17:44:17	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49538	No
226	GOM_TRA_1PNPDK20110820_174723_000000423105_00386_49538_3730.N1	20-AUG-2011 17:47:23	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49538	No
227	GOM_TRA_1PNPDK20110820_175359_000000393105_00386_49538_3731.N1	20-AUG-2011 17:53:59	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49538	No
228	GOM_TRA_1PNPDK20110820_175710_000000543105_00386_49538_3732.N1	20-AUG-2011 17:57:10	Bright	54.000	19	50Alp Cyg	1.2460	10500.	108	49538	No
229	GOM_TRA_1PNPDK20110820_180224_000000383105_00386_49538_3733.N1	20-AUG-2011 18:02:24	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49538	No
230	GOM_TRA_1PNPDK20110820_180629_000000483105_00386_49538_3734.N1	20-AUG-2011 18:06:29	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	49538	No
231	GOM_TRA_1PNPDK20110820_182205_000000513105_00386_49538_3735.N1	20-AUG-2011 18:22:05	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	49538	No
232	GOM_TRA_1PNPDK20110820_182512_000000423105_00386_49538_3736.N1	20-AUG-2011 18:25:12	Bright	41.500	107	37The Aur	2.6490	11000.	83	49538	No
233	GOM_TRA_1PNPDK20110820_182828_000000573105_00386_49538_3737.N1	20-AUG-2011 18:28:28	Twilight	57.000	28	12Bet Tau	1.6500	15200.	114	49538	No
234	GOM_TRA_1PNPDK20110820_183122_000000473105_00386_49538_3738.N1	20-AUG-2011 18:31:22	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	49538	No
235	GOM_TRA_1PNPDK20110820_183508_000000563105_00386_49538_3739.N1	20-AUG-2011 18:35:08	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	49538	No
236	GOM_TRA_1PNPDK20110820_183637_000000593105_00386_49538_3740.N1	20-AUG-2011 18:36:37	Dark	59.000	27	24Gam Ori	1.6360	26000.	118	49538	No
237	GOM_TRA_1PNPDK20110820_183834_000000523105_00386_49538_3741.N1	20-AUG-2011 18:38:34	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	49538	No
238	GOM_TRA_1PNPDK20110820_184002_000000493105_00386_49538_3742.N1	20-AUG-2011 18:40:02	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49538	No
239	GOM_TRA_1PNPDK20110820_184150_000000683105_00386_49538_3743.N1	20-AUG-2011 18:41:50	Dark	67.500	7	19Bet Ori	0.10000	14000.	135	49538	No
240	GOM_TRA_1PNPDK20110820_184331_000000503105_00386_49538_3744.N1	20-AUG-2011 18:43:31	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	49538	No
241	GOM_TRA_1PNPDK20110820_185755_000000543105_00387_49539_3745.N1	20-AUG-2011 18:57:55	Dark	53.500	157	The1Eri	2.9060	9300.0	107	49539	No
242	GOM_TRA_1PNPDK20110820_190120_000000463105_00387_49539_3746.N1	20-AUG-2011 19:01:20	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49539	No
243	GOM_TRA_1PNPDK20110820_190712_000000493105_00387_49539_3747.N1	20-AUG-2011 19:07:12	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49539	No
244	GOM_TRA_1PNPDK20110820_190927_000000523105_00387_49539_3748.N1	20-AUG-2011 19:09:27	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	49539	No
245	GOM_TRA_1PNPDK20110820_191409_000000543105_00387_49539_3875.N1	20-AUG-2011 19:14:09	Twilight	54.000	18	24Alp PsA	1.1660	9700.0	108	49539	No
246	GOM_TRA_1PNPDK20110820_191926_000000433105_00387_49539_3876.N1	20-AUG-2011 19:19:26	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	49539	No

247	GOM_TRA_1PNPDK20110820_192244_000000413105_00387_49539_3877.N1	20-AUG-2011 19:22:44	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49539	No
248	GOM_TRA_1PNPDK20110820_192431_000000463105_00387_49539_3878.N1	20-AUG-2011 19:24:31	Bright	46.000	162	34Alp Aqr	2.9440	5350.0	92	49539	No
249	GOM_TRA_1PNPDK20110820_192737_000000423105_00387_49539_3879.N1	20-AUG-2011 19:27:37	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49539	No
250	GOM_TRA_1PNPDK20110820_193413_000000373105_00387_49539_3880.N1	20-AUG-2011 19:34:13	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	49539	No
251	GOM_TRA_1PNPDK20110820_193724_000000383105_00387_49539_3881.N1	20-AUG-2011 19:37:24	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	49539	No
252	GOM_TRA_1PNPDK20110820_194237_000000393105_00387_49539_3882.N1	20-AUG-2011 19:42:37	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49539	No
253	GOM_TRA_1PNPDK20110820_194642_000000453105_00387_49539_3883.N1	20-AUG-2011 19:46:42	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	49539	No
254	GOM_TRA_1PNPDK20110820_200219_000000513105_00387_49539_3884.N1	20-AUG-2011 20:02:19	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	49539	No
255	GOM_TRA_1PNPDK20110820_200527_000000413105_00387_49539_3885.N1	20-AUG-2011 20:05:27	Bright	41.000	107	37The Aur	2.6490	11000.	82	49539	No
256	GOM_TRA_1PNPDK20110820_200842_000000553105_00387_49539_3886.N1	20-AUG-2011 20:08:42	Tw_i_and_stray	55.000	28	12Bet Tau	1.6500	15200.	110	49539	No
257	GOM_TRA_1PNPDK20110820_201136_000000443105_00387_49539_3887.N1	20-AUG-2011 20:11:36	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	49539	No
258	GOM_TRA_1PNPDK20110820_201523_000000623105_00387_49539_3888.N1	20-AUG-2011 20:15:23	Dark	61.500	14	58Alp Ori	0.87000	3000.0	123	49539	No
259	GOM_TRA_1PNPDK20110820_201651_000000603105_00387_49539_3889.N1	20-AUG-2011 20:16:51	Dark	59.500	27	24Gam Ori	1.6360	26000.	119	49539	No
260	GOM_TRA_1PNPDK20110820_201849_000000503105_00387_49539_3890.N1	20-AUG-2011 20:18:49	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	49539	No
261	GOM_TRA_1PNPDK20110820_202017_000000493105_00387_49539_3891.N1	20-AUG-2011 20:20:17	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49539	No
262	GOM_TRA_1PNPDK20110820_202205_000000603105_00387_49539_3892.N1	20-AUG-2011 20:22:05	Dark	60.000	7	19Bet Ori	0.10000	14000.	120	49539	No
263	GOM_TRA_1PNPDK20110820_202346_000000463105_00387_49539_3893.N1	20-AUG-2011 20:23:46	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49539	No
264	GOM_TRA_1PNPDK20110820_203810_000000533105_00388_49540_3894.N1	20-AUG-2011 20:38:10	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49540	No
265	GOM_TRA_1PNPDK20110820_204134_000000443105_00388_49540_3895.N1	20-AUG-2011 20:41:34	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49540	No
266	GOM_TRA_1PNPDK20110820_204726_000000503105_00388_49540_3896.N1	20-AUG-2011 20:47:26	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	49540	No
267	GOM_TRA_1PNPDE20110820_204941_000000553105_00388_49540_7028.N1	20-AUG-2011 20:49:41	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	49540	No
268	GOM_TRA_1PNPDE20110820_205424_000000523105_00388_49540_7029.N1	20-AUG-2011 20:54:24	Tw_i_and_stray	51.500	18	24Alp PsA	1.1660	9700.0	103	49540	No
269	GOM_TRA_1PNPDE20110820_205940_000000423105_00388_49540_7030.N1	20-AUG-2011 20:59:40	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	49540	No
270	GOM_TRA_1PNPDE20110820_210258_000000413105_00388_49540_7031.N1	20-AUG-2011 21:02:58	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49540	No
271	GOM_TRA_1PNPDE20110820_210445_000000463105_00388_49540_7032.N1	20-AUG-2011 21:04:45	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49540	No
272	GOM_TRA_1PNPDE20110820_210750_000000423105_00388_49540_7033.N1	20-AUG-2011 21:07:50	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49540	No
273	GOM_TRA_1PNPDE20110820_211427_000000383105_00388_49540_7034.N1	20-AUG-2011 21:14:27	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49540	No
274	GOM_TRA_1PNPDE20110820_211738_000000383105_00388_49540_7035.N1	20-AUG-2011 21:17:38	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49540	No
275	GOM_TRA_1PNPDE20110820_212251_000000393105_00388_49540_7036.N1	20-AUG-2011 21:22:51	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49540	No
276	GOM_TRA_1PNPDE20110820_212656_000000483105_00388_49540_7037.N1	20-AUG-2011 21:26:56	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	49540	No
277	GOM_TRA_1PNPDE20110820_214233_000000643105_00388_49540_7038.N1	20-AUG-2011 21:42:33	Bright	63.500	6	13Alp Aur	0.080000	3400.0	127	49540	No
278	GOM_TRA_1PNPDE20110820_214541_000000613105_00388_49540_7039.N1	20-AUG-2011 21:45:41	Bright	61.000	107	37The Aur	2.6490	11000.	122	49540	No
279	GOM_TRA_1PNPDE20110820_214856_000000593105_00388_49540_7040.N1	20-AUG-2011 21:48:56	Tw_i_and_stray	58.500	28	12Bet Tau	1.6500	15200.	117	49540	No
280	GOM_TRA_1PNPDE20110820_215151_000000463105_00388_49540_7041.N1	20-AUG-2011 21:51:51	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	49540	No
281	GOM_TRA_1PNPDE20110820_215537_000000563105_00388_49540_7042.N1	20-AUG-2011 21:55:37	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	49540	No
282	GOM_TRA_1PNPDE20110820_215706_000000593105_00388_49540_7043.N1	20-AUG-2011 21:57:06	Dark	58.500	27	24Gam Ori	1.6360	26000.	117	49540	No
283	GOM_TRA_1PNPDE20110820_215904_000000553105_00388_49540_7044.N1	20-AUG-2011 21:59:04	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	49540	No
284	GOM_TRA_1PNPDE20110820_220032_000000493105_00388_49540_7045.N1	20-AUG-2011 22:00:32	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49540	No
285	GOM_TRA_1PNPDE20110820_220220_000000633105_00388_49540_7055.N1	20-AUG-2011 22:02:20	Dark	62.500	7	19Bet Ori	0.10000	14000.	125	49540	No
286	GOM_TRA_1PNPDE20110820_220400_000000483105_00388_49540_7056.N1	20-AUG-2011 22:04:00	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	49540	No
287	GOM_TRA_1PNPDE20110820_221825_000000513105_00389_49541_7057.N1	20-AUG-2011 22:18:25	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49541	No
288	GOM_TRA_1PNPDE20110820_222149_000000453105_00389_49541_7058.N1	20-AUG-2011 22:21:49	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49541	No
289	GOM_TRA_1PNPDE20110820_222741_000000503105_00389_49541_7059.N1	20-AUG-2011 22:27:41	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	49541	No
290	GOM_TRA_1PNPDE20110820_222955_000000543105_00389_49541_7060.N1	20-AUG-2011 22:29:55	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	49541	No
291	GOM_TRA_1PNPDE20110820_223438_000000493105_00389_49541_7061.N1	20-AUG-2011 22:34:38	Tw_i_and_stray	49.000	18	24Alp PsA	1.1660	9700.0	98	49541	No
292	GOM_TRA_1PNPDE20110820_223955_000000413105_00389_49541_7062.N1	20-AUG-2011 22:39:55	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	49541	No
293	GOM_TRA_1PNPDE20110820_224312_000000413105_00389_49541_7063.N1	20-AUG-2011 22:43:12	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49541	No
294	GOM_TRA_1PNPDE20110820_224459_000000453105_00389_49541_7064.N1	20-AUG-2011 22:44:59	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49541	No
295	GOM_TRA_1PNPDE20110820_224804_000000423105_00389_49541_7065.N1	20-AUG-2011 22:48:04	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49541	No
296	GOM_TRA_1PNPDE20110820_225440_000000393105_00389_49541_7066.N1	20-AUG-2011 22:54:40	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49541	No
297	GOM_TRA_1PNPDE20110820_225752_000000373105_00389_49541_7067.N1	20-AUG-2011 22:57:52	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	49541	No
298	GOM_TRA_1PNPDE20110820_230305_000000393105_00389_49541_7068.N1	20-AUG-2011 23:03:05	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49541	No
299	GOM_TRA_1PNPDE20110820_230709_000000473105_00389_49541_7069.N1	20-AUG-2011 23:07:09	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	49541	No
300	GOM_TRA_1PNPDE20110820_232246_000000603105_00389_49541_7070.N1	20-AUG-2011 23:22:46	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	49541	No
301	GOM_TRA_1PNPDE20110820_232555_000000433105_00389_49541_7071.N1	20-AUG-2011 23:25:55	Bright	42.500	107	37The Aur	2.6490	11000.	85	49541	No
302	GOM_TRA_1PNPDE20110820_232910_000000553105_00389_49541_7072.N1	20-AUG-2011 23:29:10	Tw_i_and_stray	55.000	28	12Bet Tau	1.6500	15200.	110	49541	No
303	GOM_TRA_1PNPDE20110820_233205_000000453105_00389_49541_7073.N1	20-AUG-2011 23:32:05	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	49541	No
304	GOM_TRA_1PNPDE20110820_233552_000000563105_00389_49541_7074.N1	20-AUG-2011 23:35:52	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	49541	No
305	GOM_TRA_1PNPDE20110820_233721_000000573105_00389_49541_7075.N1	20-AUG-2011 23:37:21	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	49541	No

306	GOM_TRA_1PNPDE20110820_233918_000000543105_00389_49541_7076.N1	20-AUG-2011 23:39:18	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	49541	No
307	GOM_TRA_1PNPDE20110820_234047_000000503105_00389_49541_7077.N1	20-AUG-2011 23:40:47	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	49541	No
308	GOM_TRA_1PNPDE20110820_234235_000000643105_00389_49541_7085.N1	20-AUG-2011 23:42:35	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	49541	No
309	GOM_TRA_1PNPDE20110820_234415_000000493105_00389_49541_7086.N1	20-AUG-2011 23:44:15	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	49541	No
310	GOM_TRA_1PNPDE20110820_235841_000000533105_00390_49542_7087.N1	20-AUG-2011 23:58:41	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49542	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).

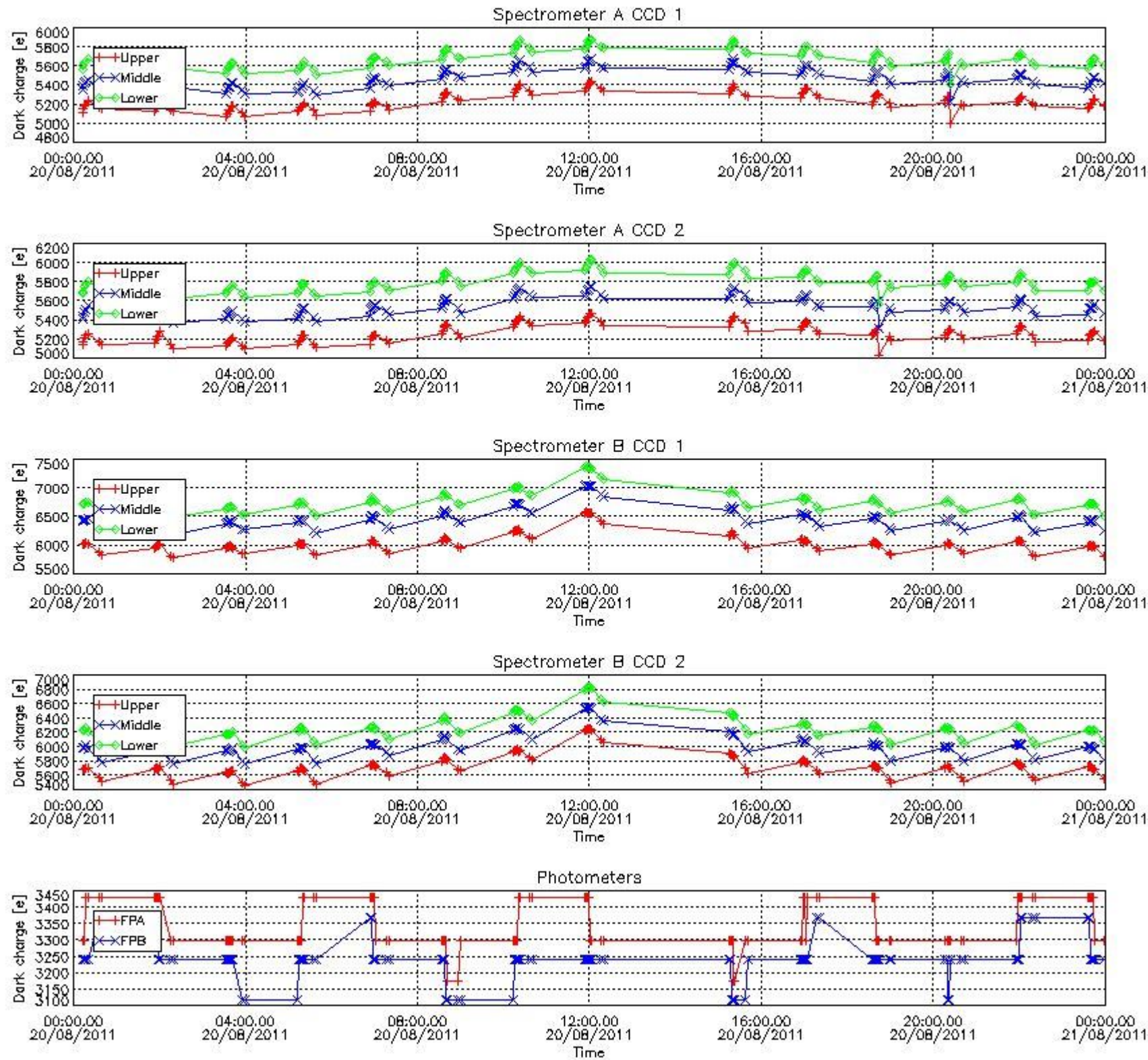
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110820_204941_000000553105_00388_49540_7028.N1	DC map used
GOM_TRA_1PNPDE20110820_205424_000000523105_00388_49540_7029.N1	DC map used
GOM_TRA_1PNPDE20110820_205940_000000423105_00388_49540_7030.N1	DC map used
GOM_TRA_1PNPDE20110820_210258_000000413105_00388_49540_7031.N1	DC map used
GOM_TRA_1PNPDE20110820_210445_000000463105_00388_49540_7032.N1	DC map used

GOM_TRA_1PNPDE20110820_210750_000000423105_00388_49540_7033.N1	DC map used
GOM_TRA_1PNPDE20110820_211427_000000383105_00388_49540_7034.N1	DC map used
GOM_TRA_1PNPDE20110820_211738_000000383105_00388_49540_7035.N1	DC map used
GOM_TRA_1PNPDE20110820_212251_000000393105_00388_49540_7036.N1	DC map used
GOM_TRA_1PNPDE20110820_212656_000000483105_00388_49540_7037.N1	DC map used
GOM_TRA_1PNPDE20110820_214233_000000643105_00388_49540_7038.N1	DC map used
GOM_TRA_1PNPDE20110820_214541_000000613105_00388_49540_7039.N1	DC map used
GOM_TRA_1PNPDE20110820_214856_000000593105_00388_49540_7040.N1	DC map used
GOM_TRA_1PNPDE20110820_215151_000000463105_00388_49540_7041.N1	DC map used
GOM_TRA_1PNPDE20110820_215537_000000563105_00388_49540_7042.N1	DC map used
GOM_TRA_1PNPDE20110820_215706_000000593105_00388_49540_7043.N1	DC map used
GOM_TRA_1PNPDE20110820_215904_000000553105_00388_49540_7044.N1	DC map used
GOM_TRA_1PNPDE20110820_220032_000000493105_00388_49540_7045.N1	DC map used

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



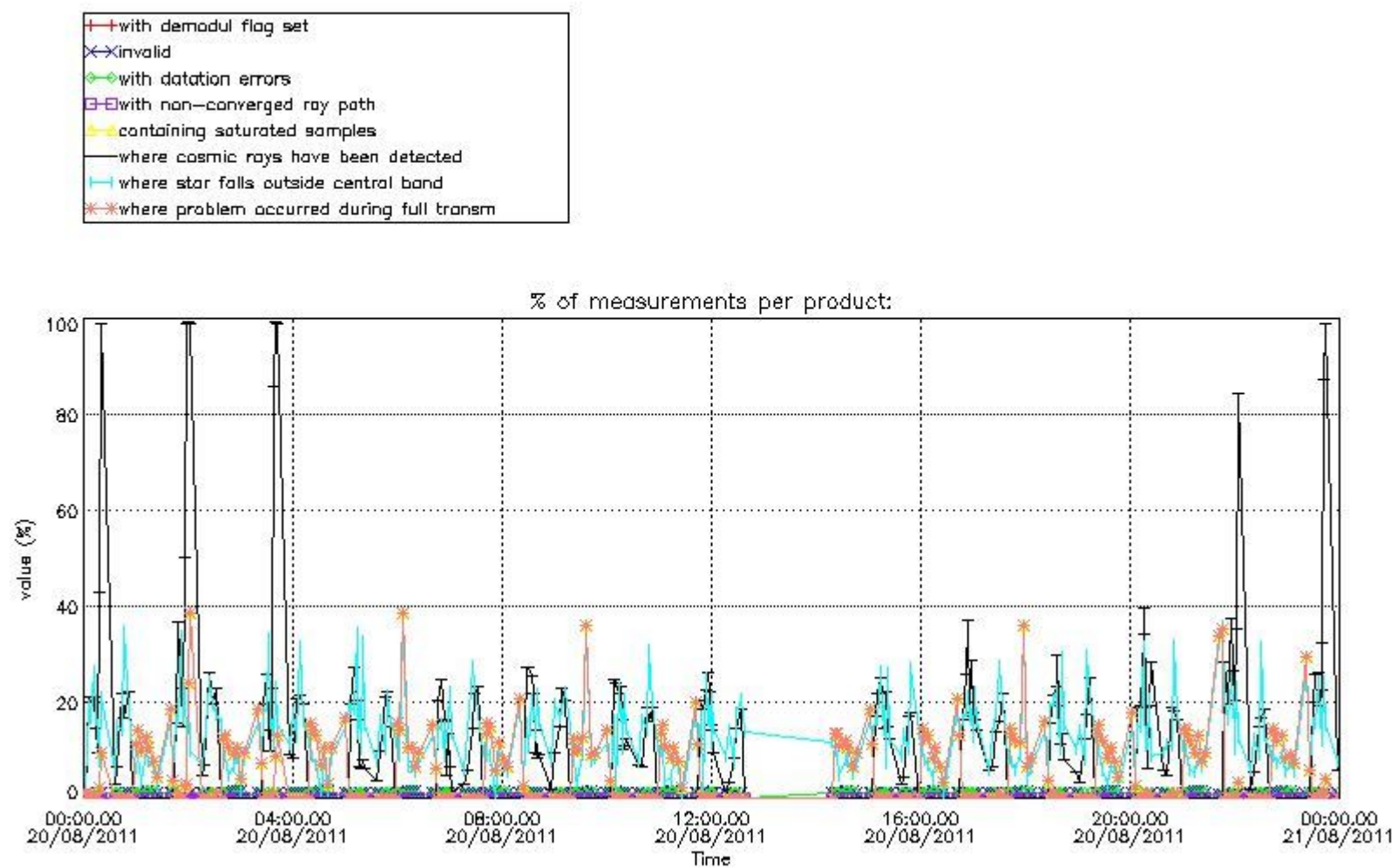
5. Demodulation flag and quality information monitoring

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.

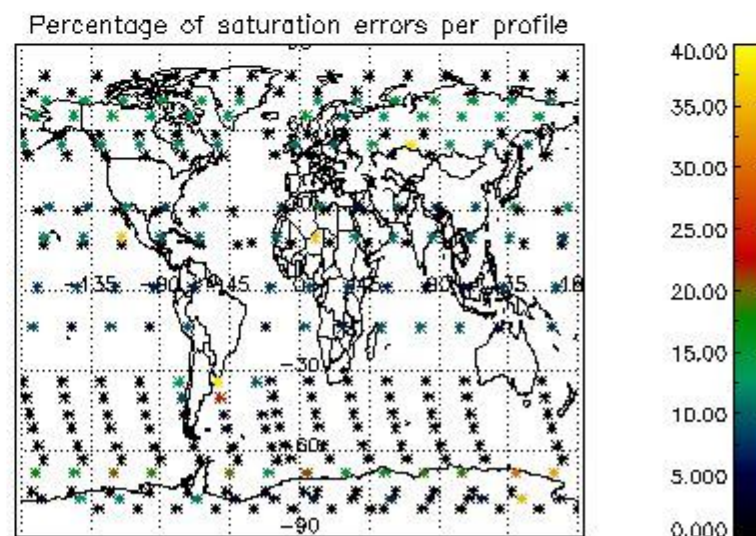
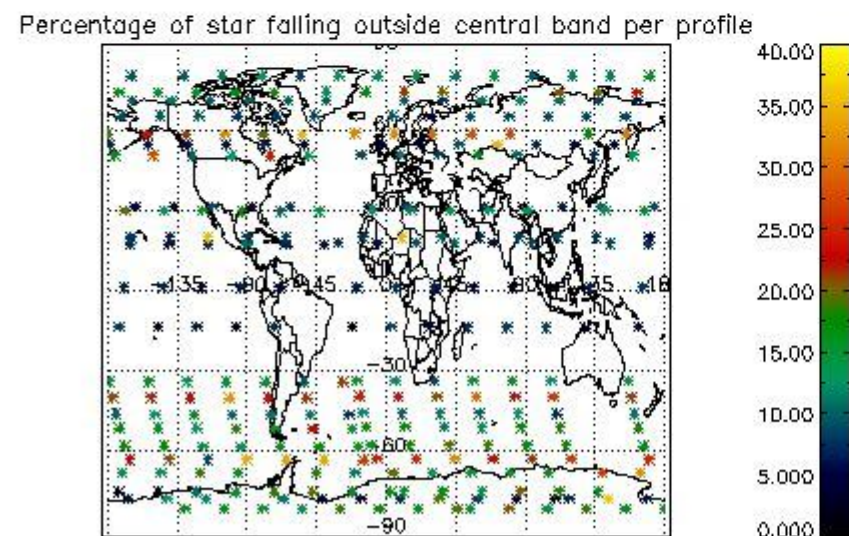
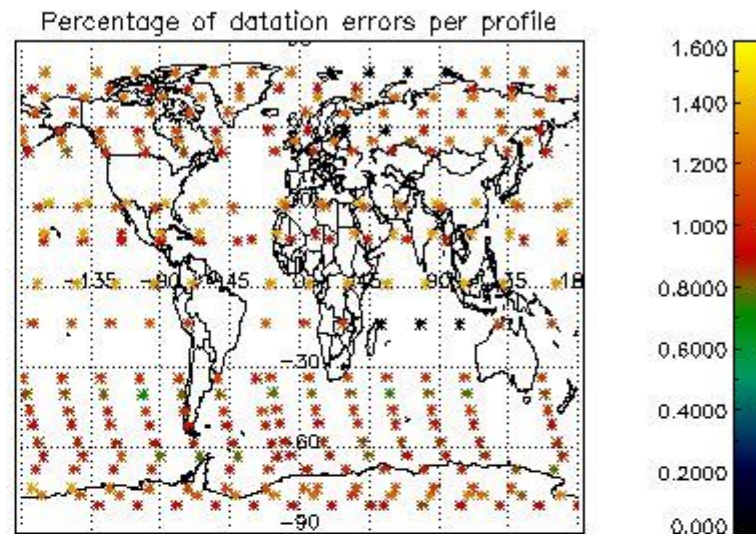
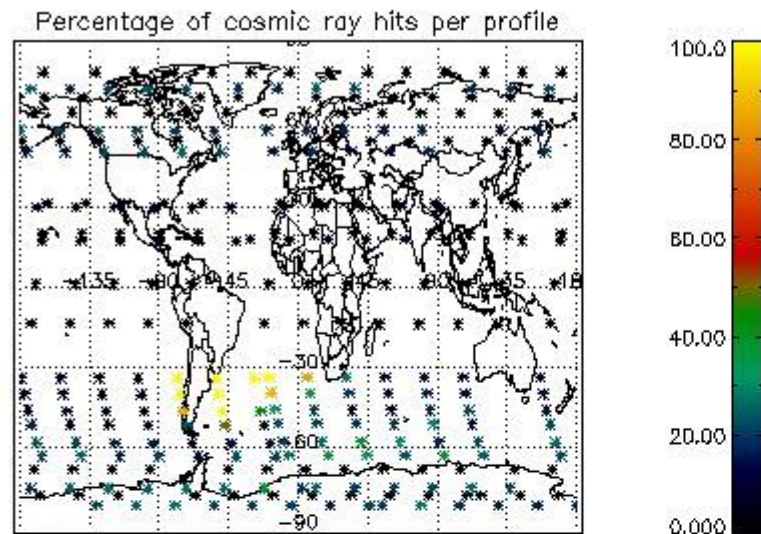
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	54.5455 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	42.8571 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



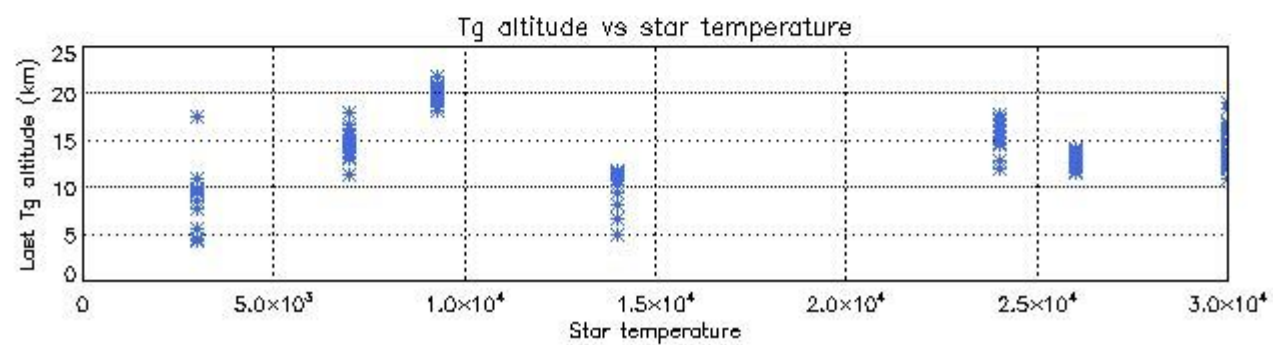
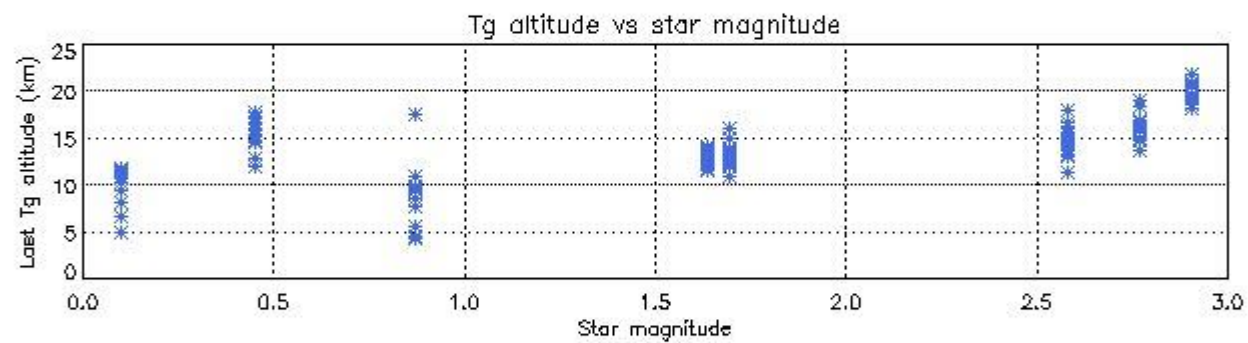
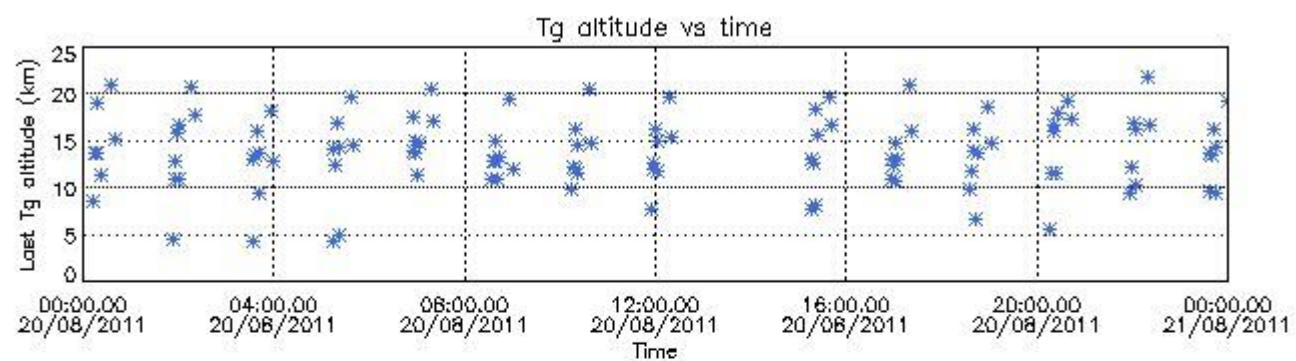
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.853	18.514	NaN
St. deviation:	3.8497	4.2438	NaN
Maximum:	21.845	27.305	NaN
Minimum:	4.2746	2.9808	NaN
Number of data:	110.00	132.00	NaN

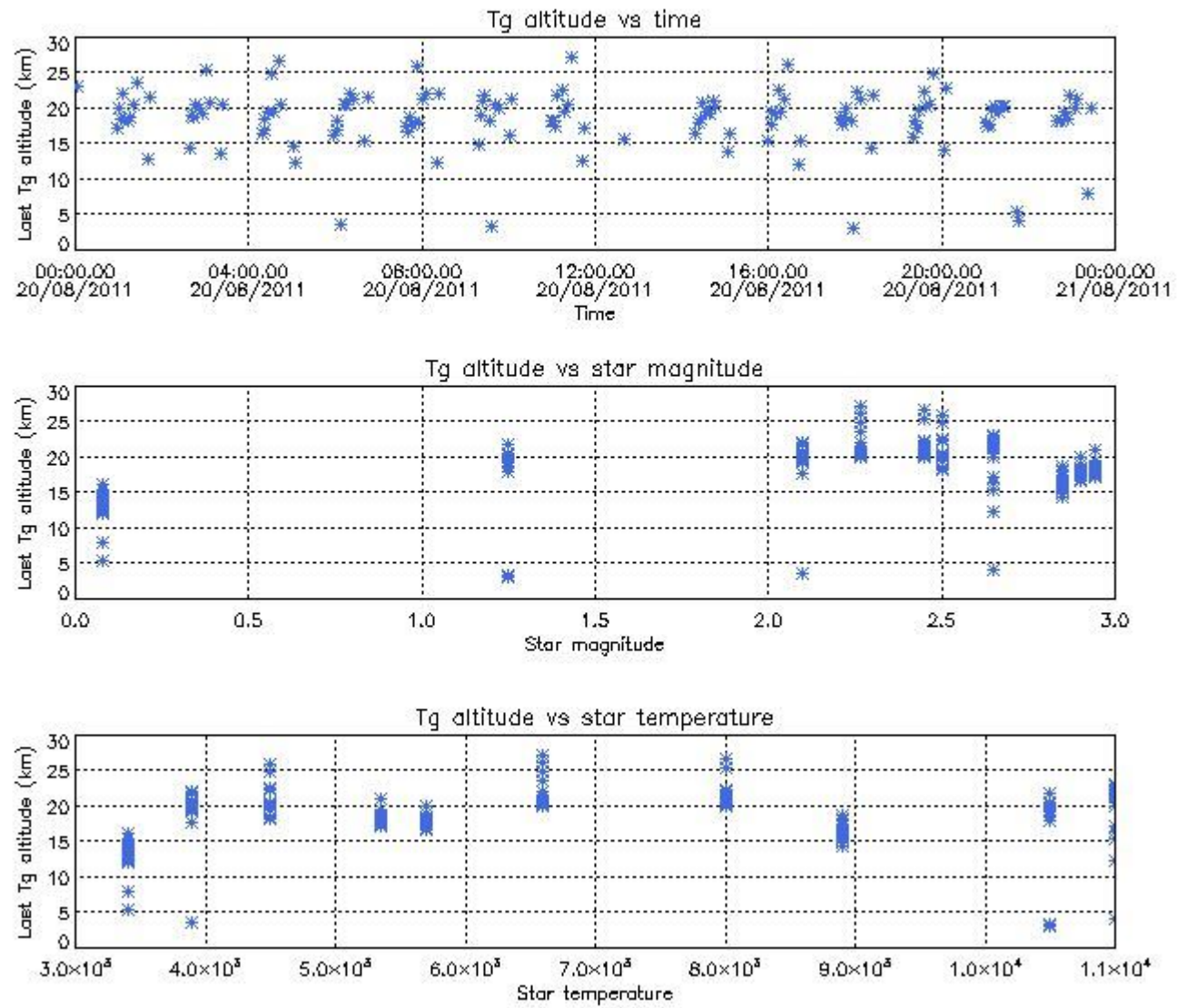
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

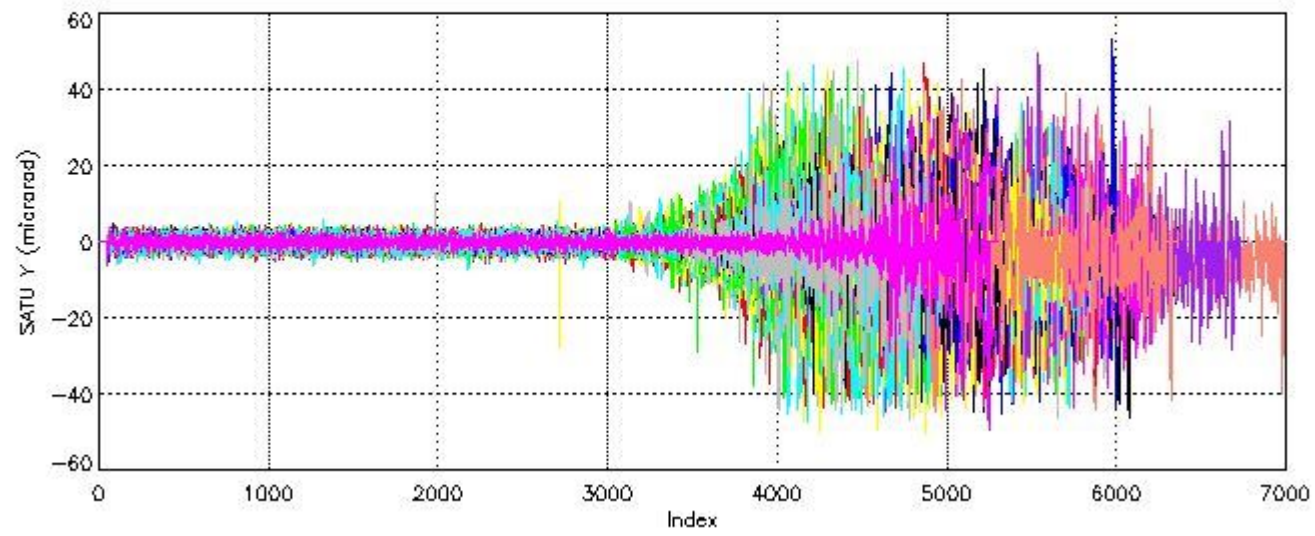
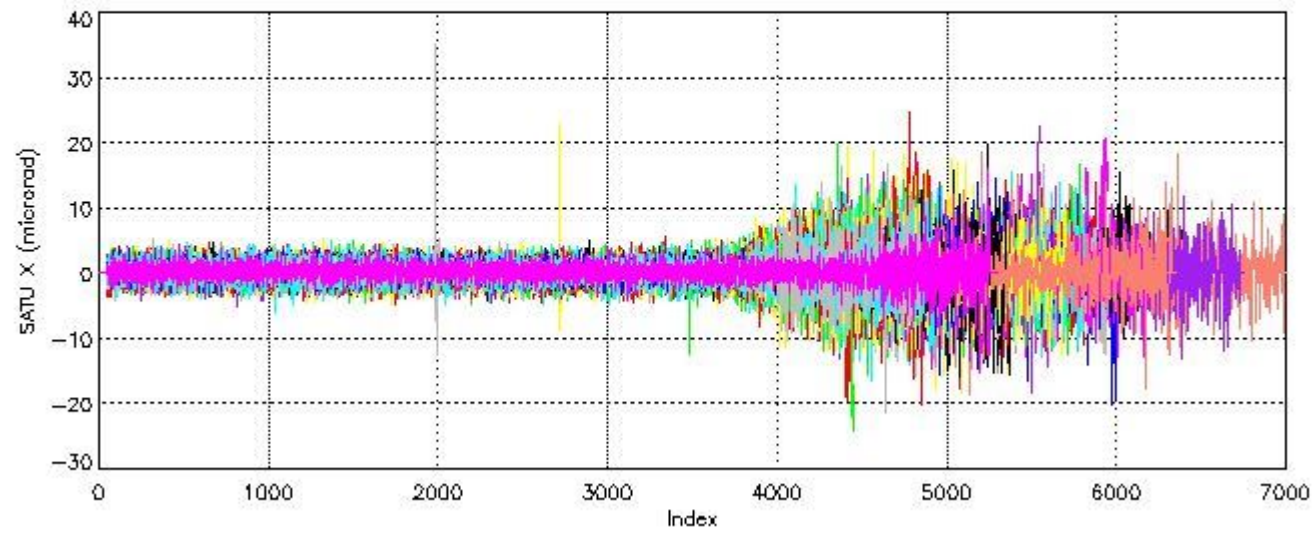


7. Star Acquisition and Tracking Unit (SATU)

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:	0.23438	-0.22310	0.21616	-0.24957
St. deviation:	0.58869	0.65225	0.71972	0.77858
Maximum:	5.2000	5.5000	4.9000	5.0000
Minimum:	-6.1000	-6.1000	-4.3000	-6.1000

Number of data:	1.2360E+05	1.2360E+05	1.2720E+05	1.2720E+05
90Percentile:	1.0000	0.60000	1.2000	0.70000

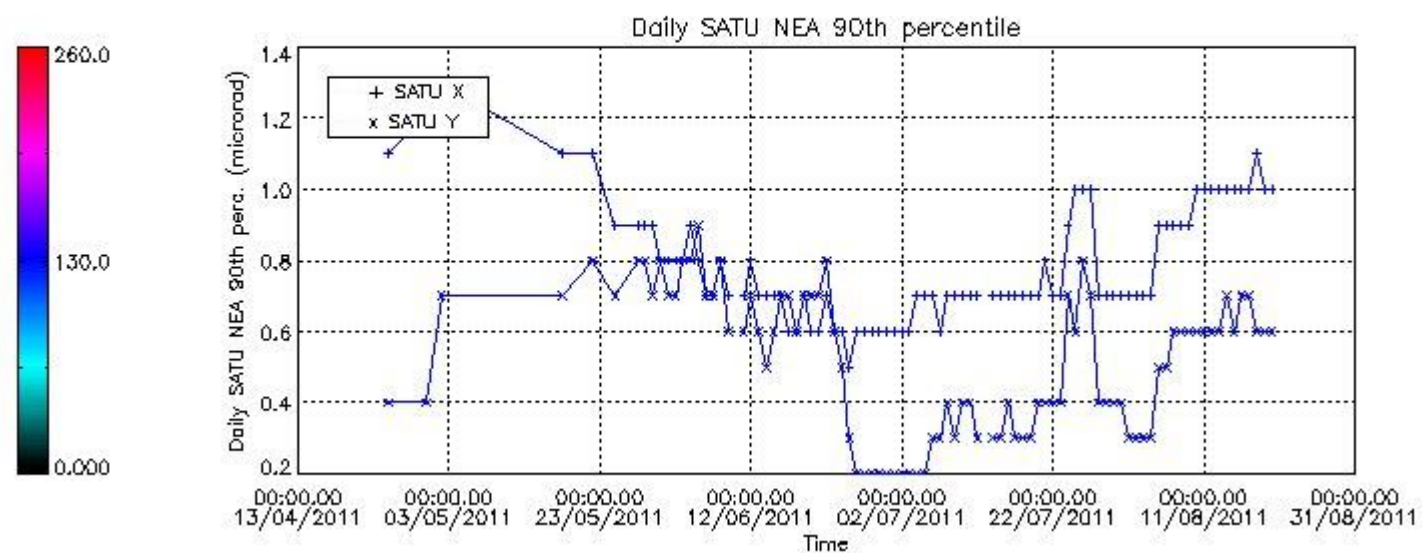
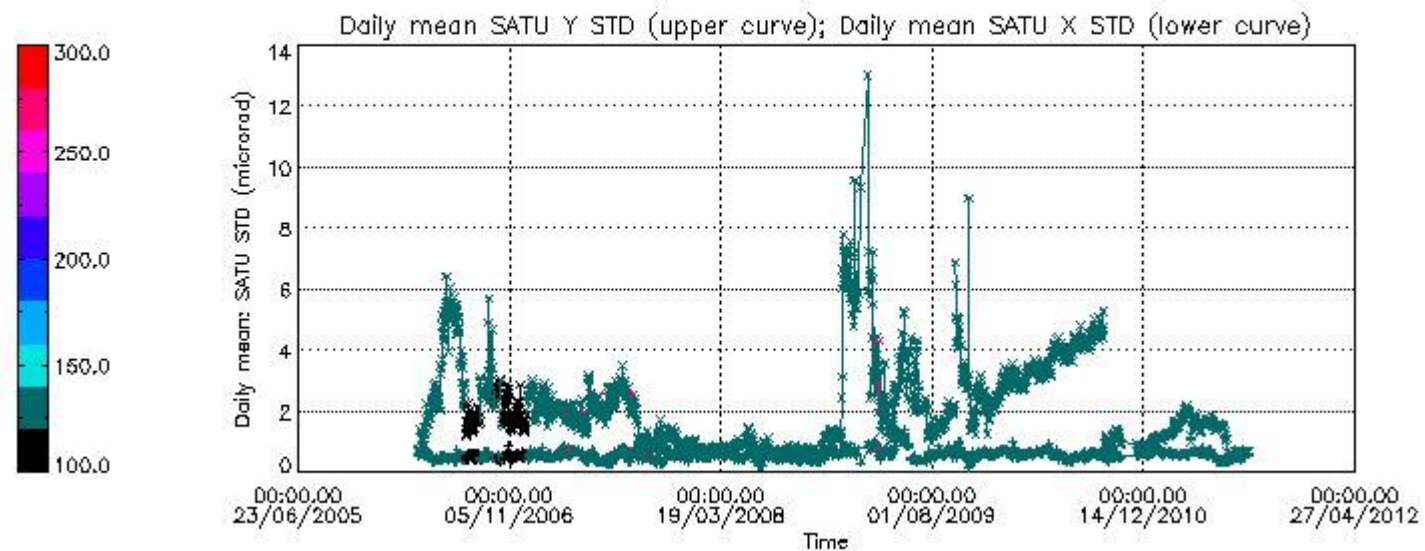
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

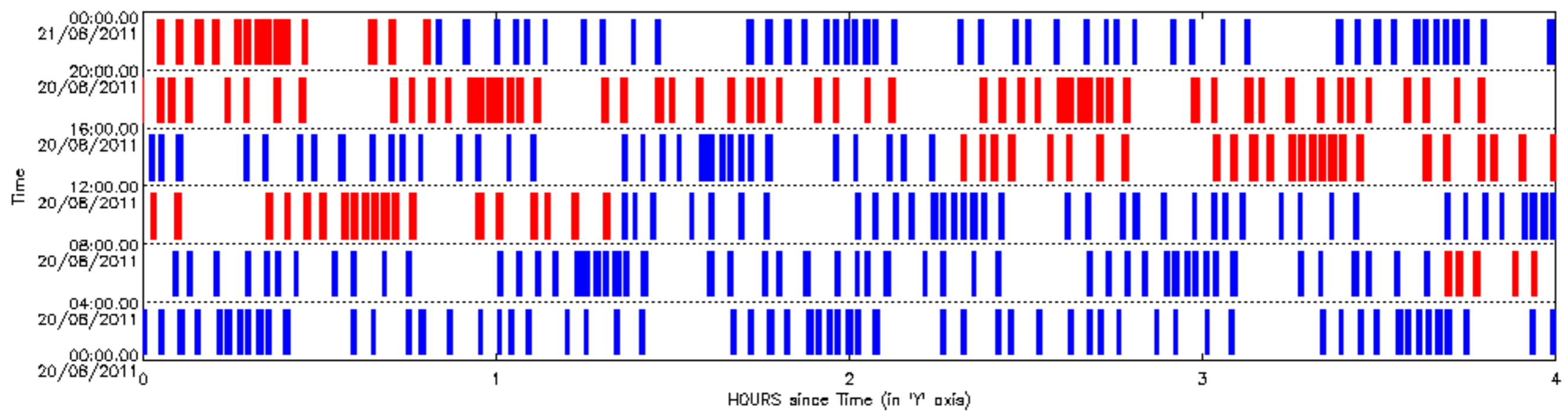
Lower curve: STD of SATU X axis

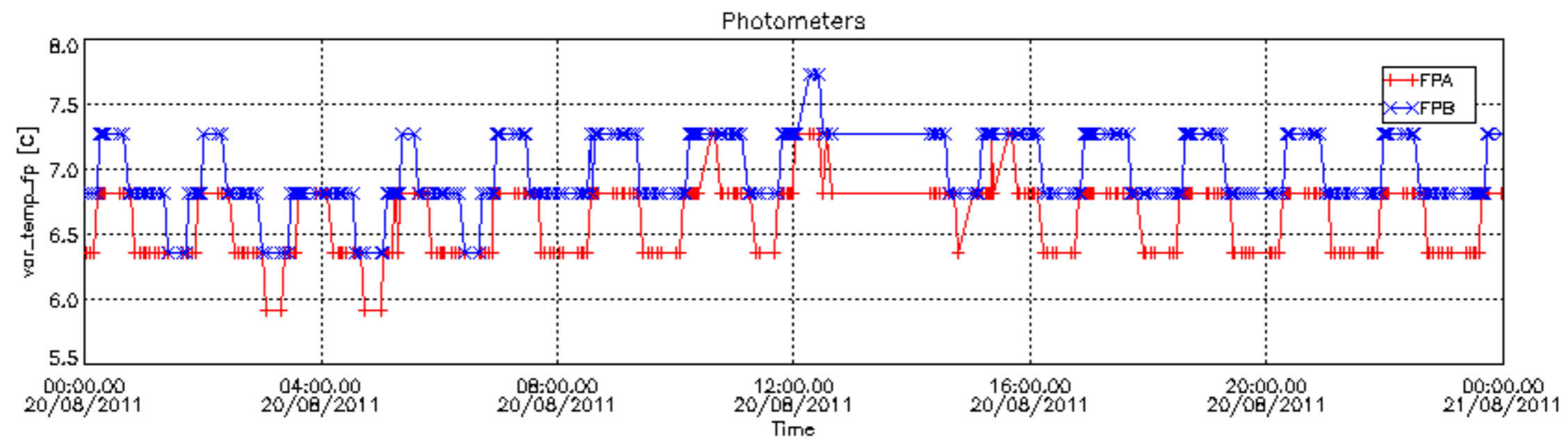
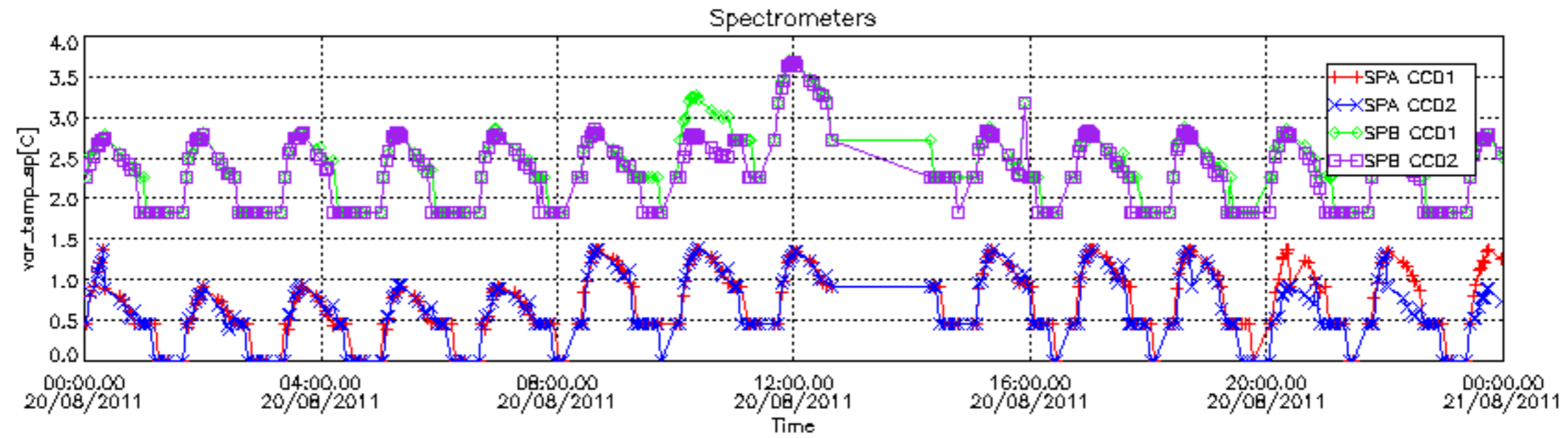


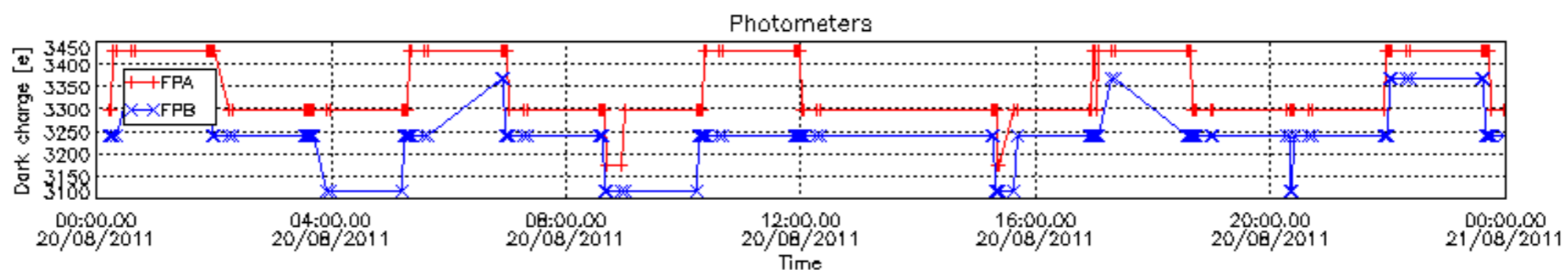
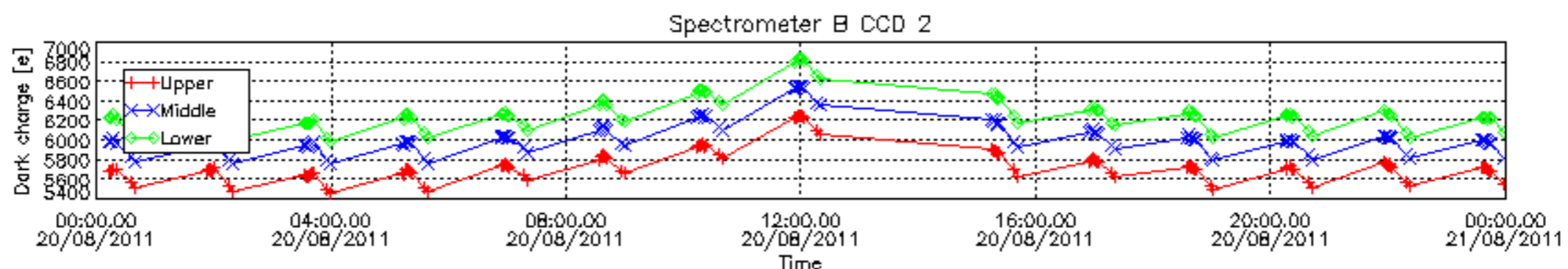
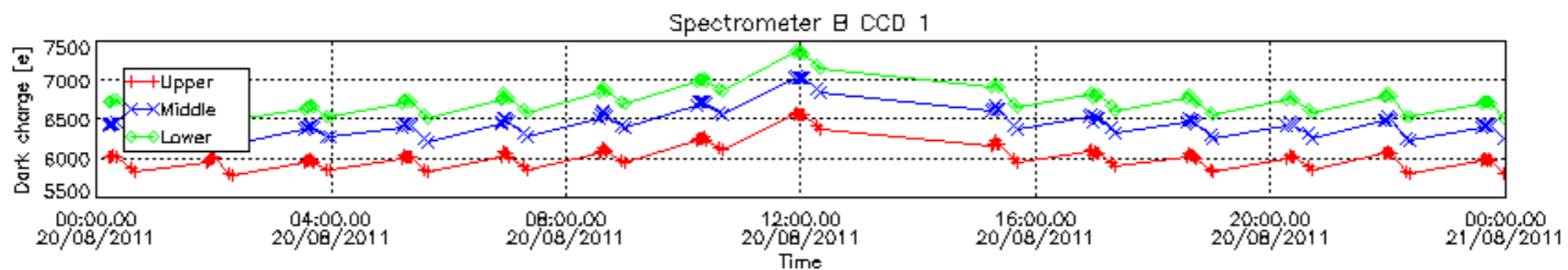
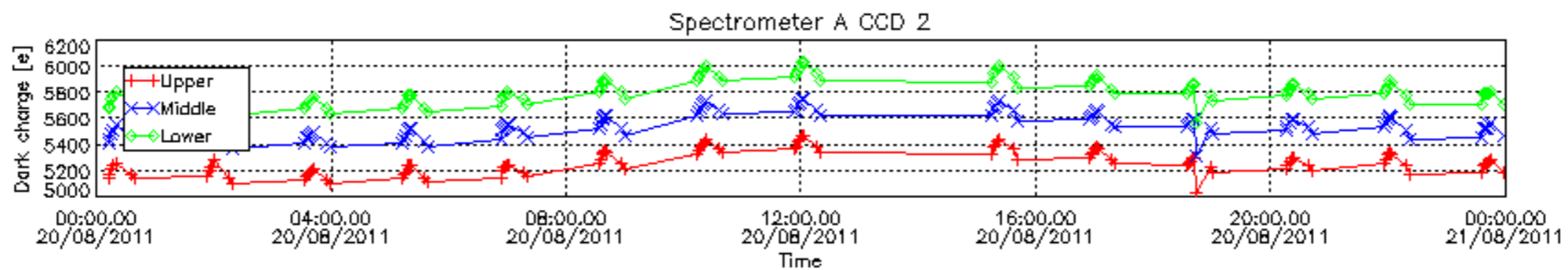
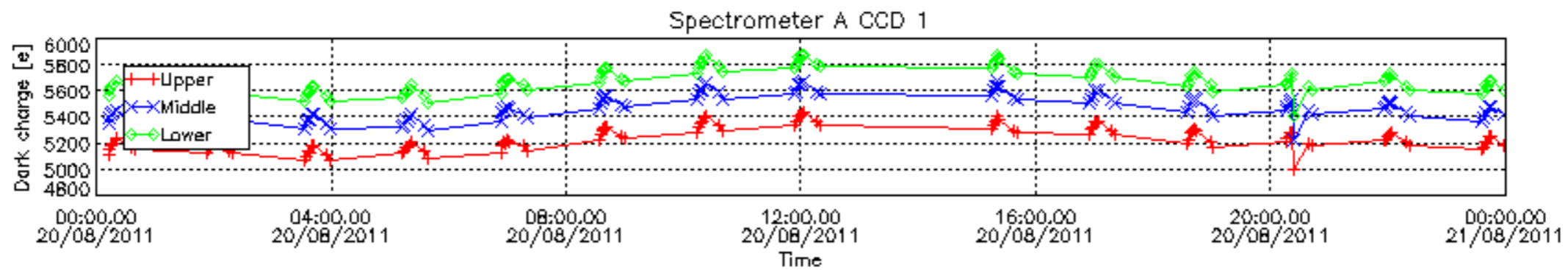
8. Auxiliary Data Files used for the production reported in section 2.4

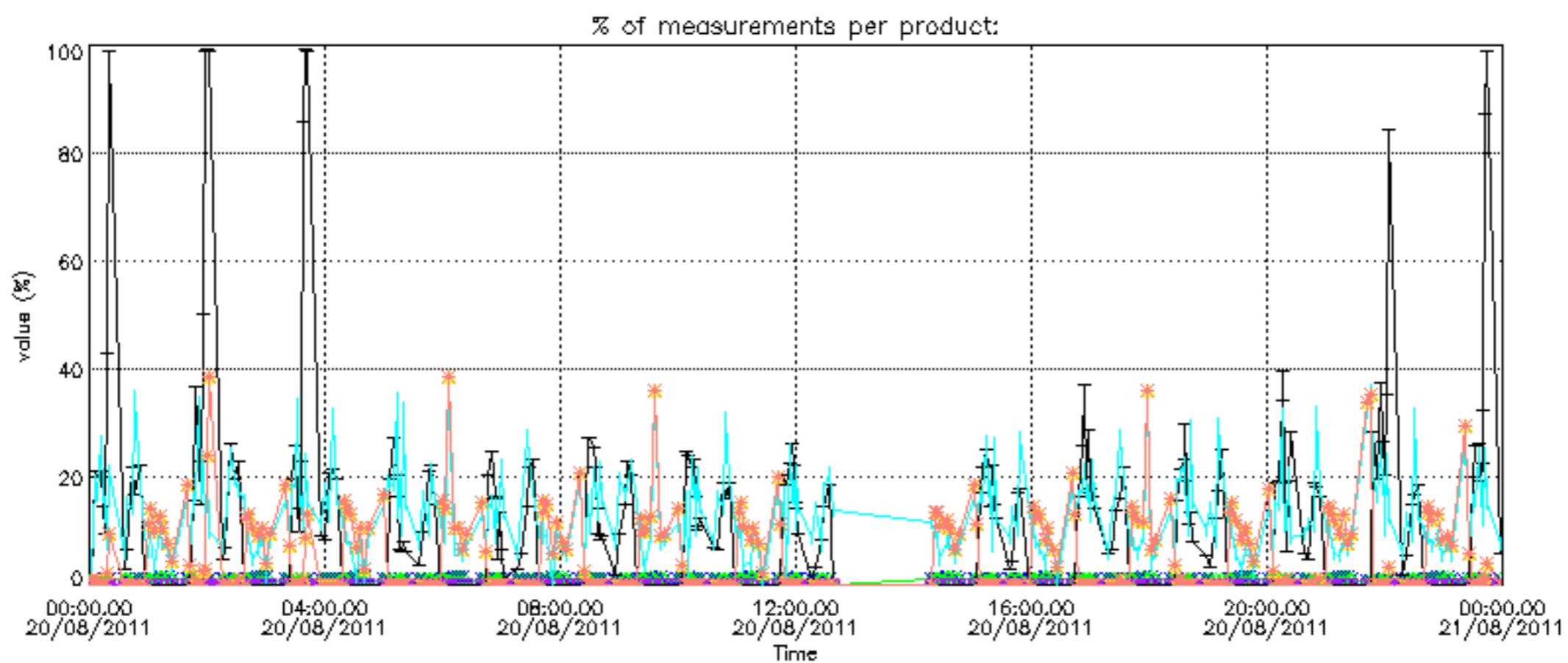
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-AUG-2011 00:02:38
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110817_075307_20110816_000000_20500101_000000	1	20-AUG-2011 00:02:38
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STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	20-AUG-2011 00:02:38
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	20-AUG-2011 00:02:38
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ECMWF_FILE	MISSING	108	20-AUG-2011 07:41:06
ECMWF_FILE	AUX_ECF_AXNECM20110820_062739_20110820_090000_20110820_210000	131	20-AUG-2011 09:21:20
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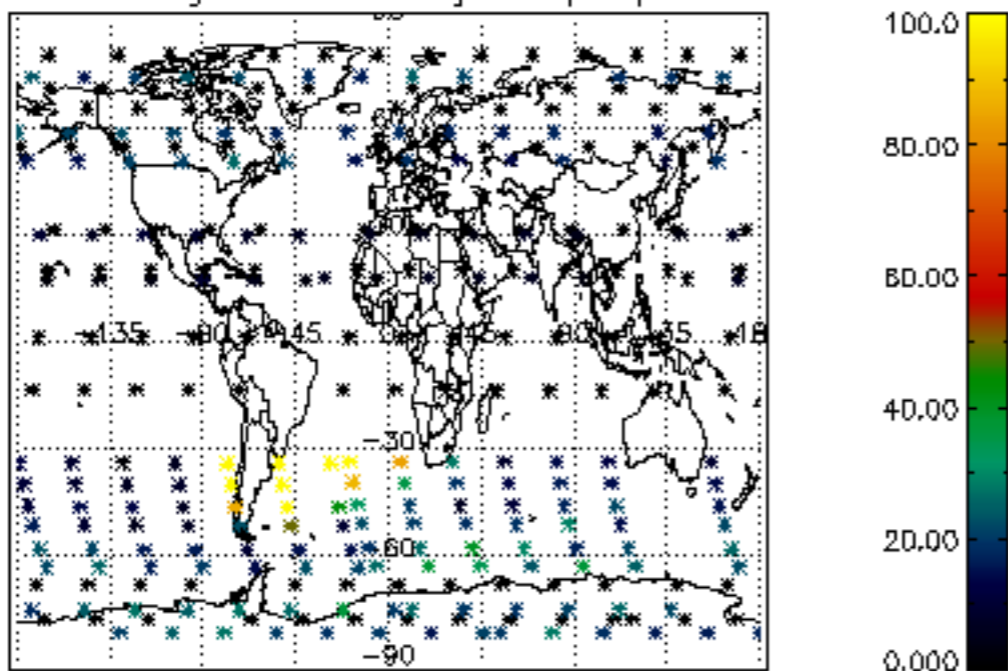




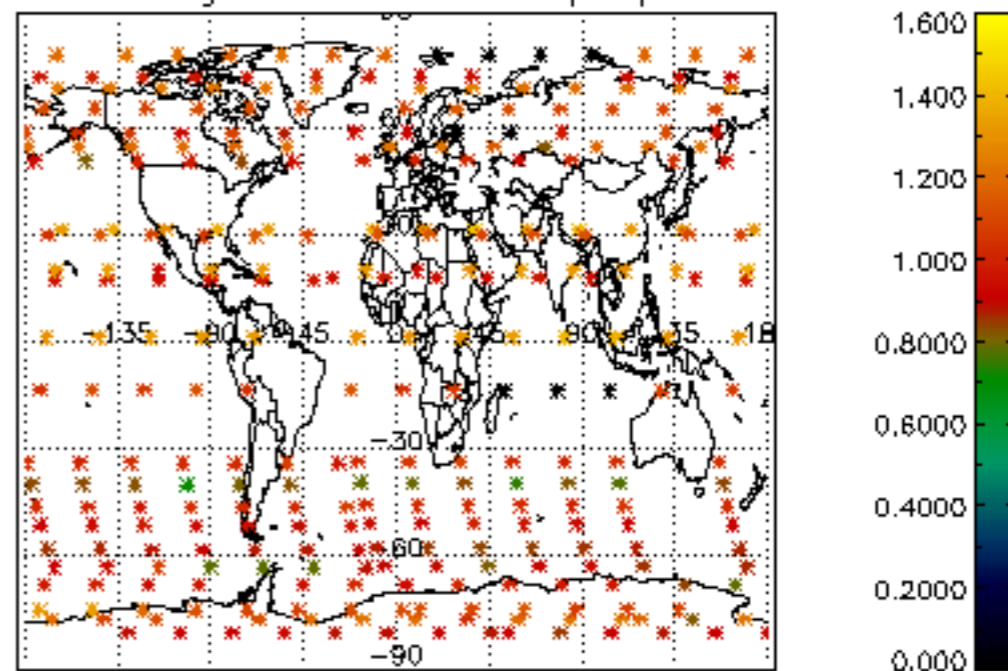




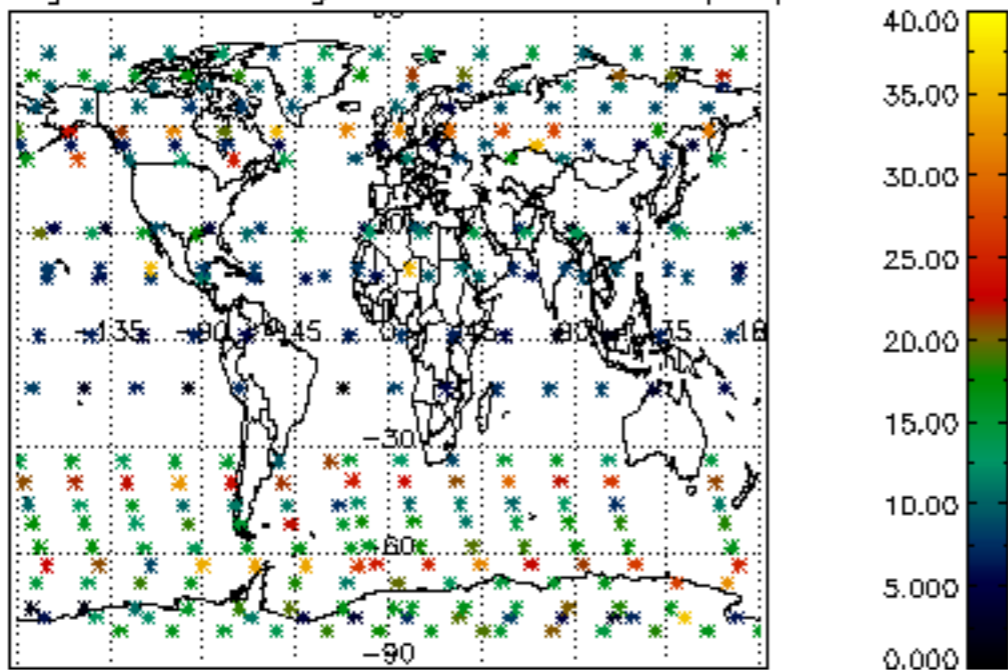
Percentage of cosmic ray hits per profile



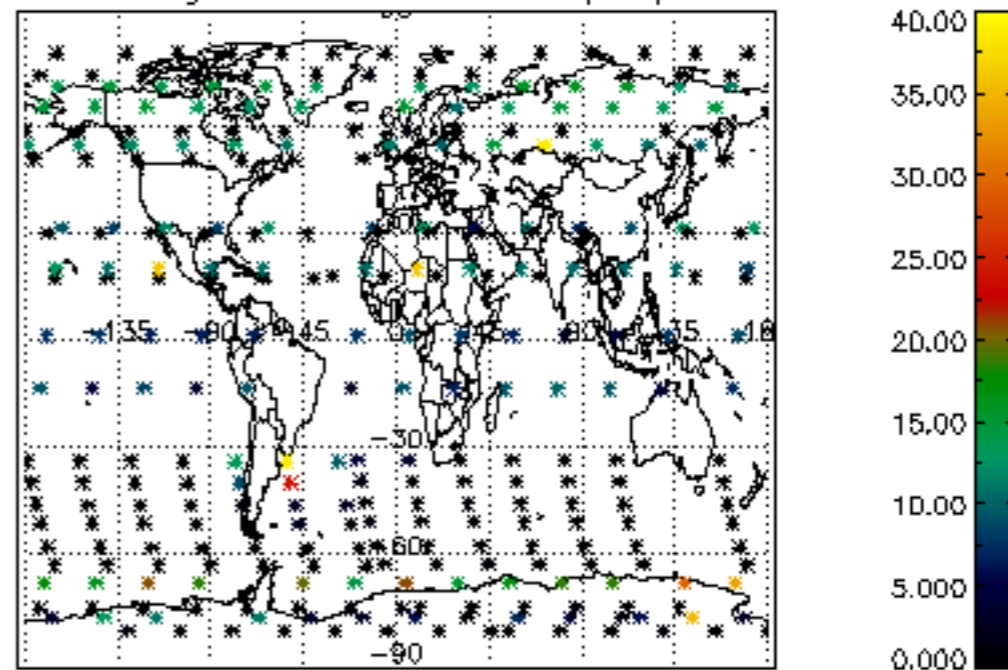
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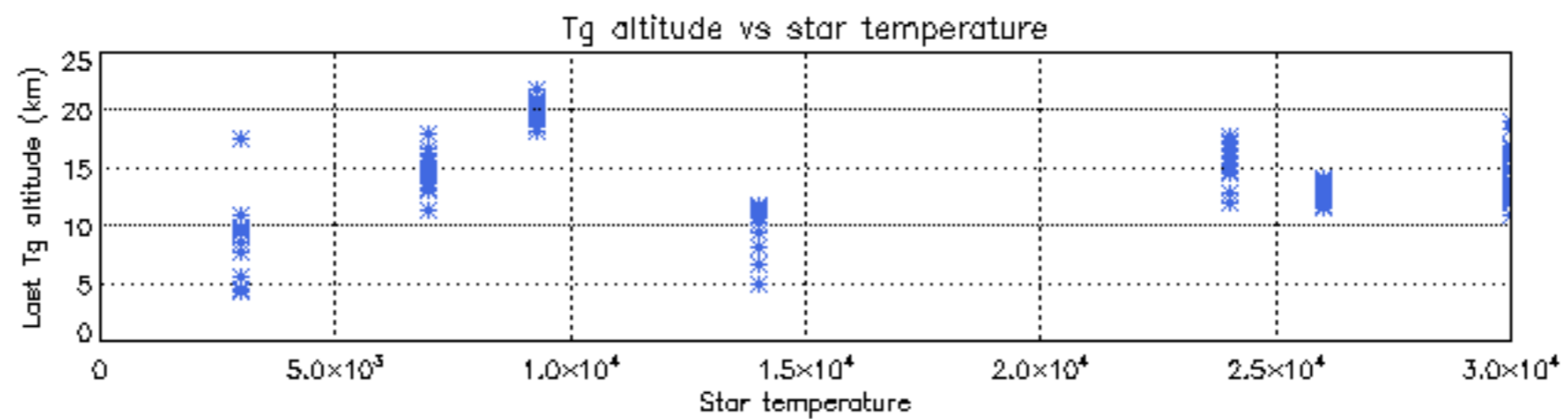
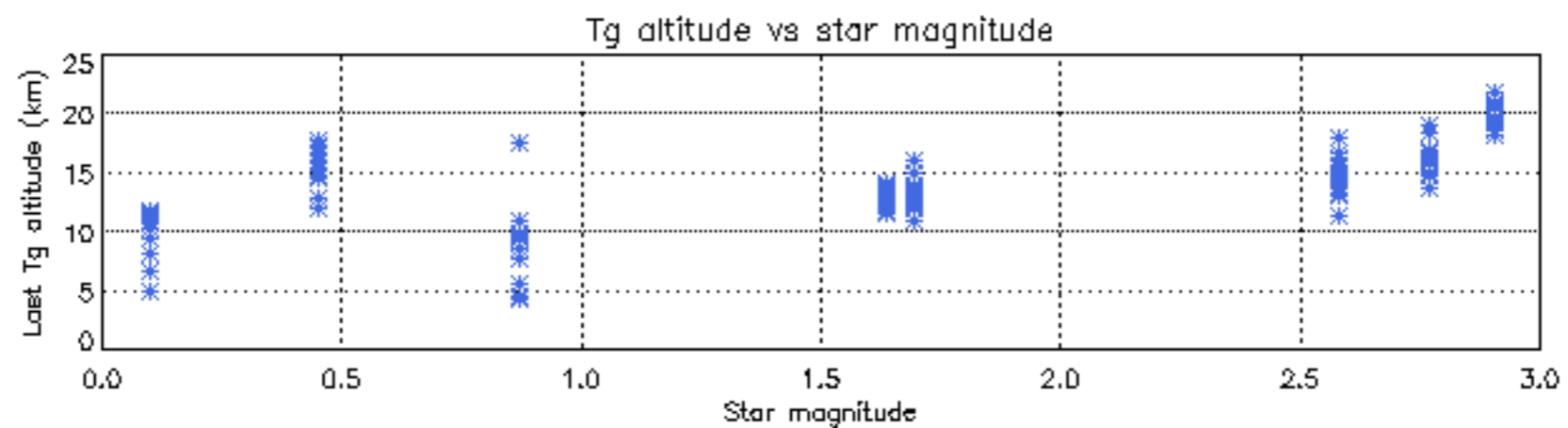
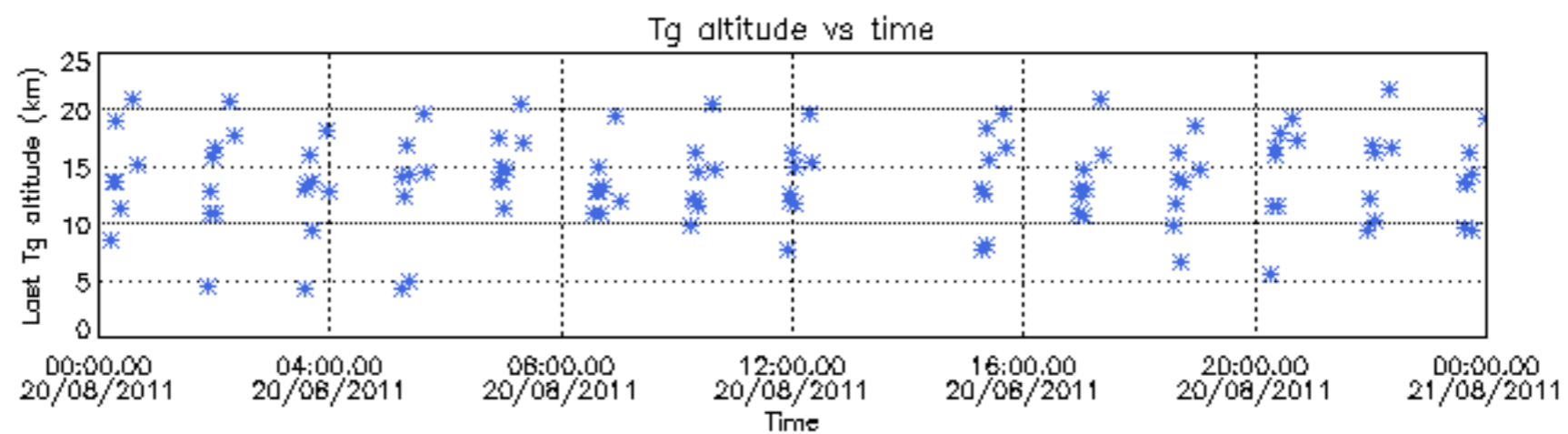
Percentage of star falling outside central band per profile



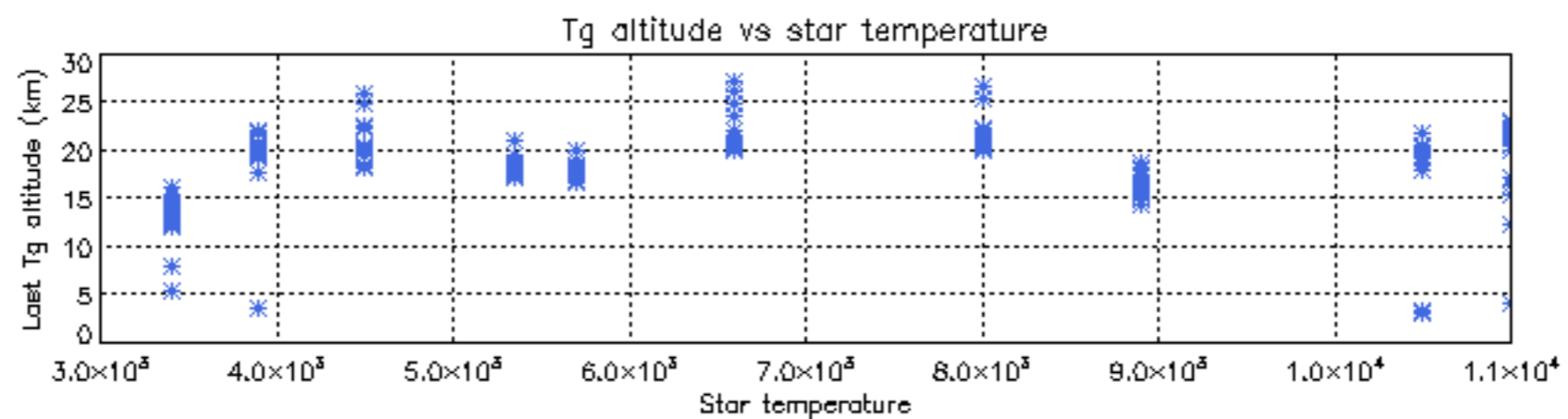
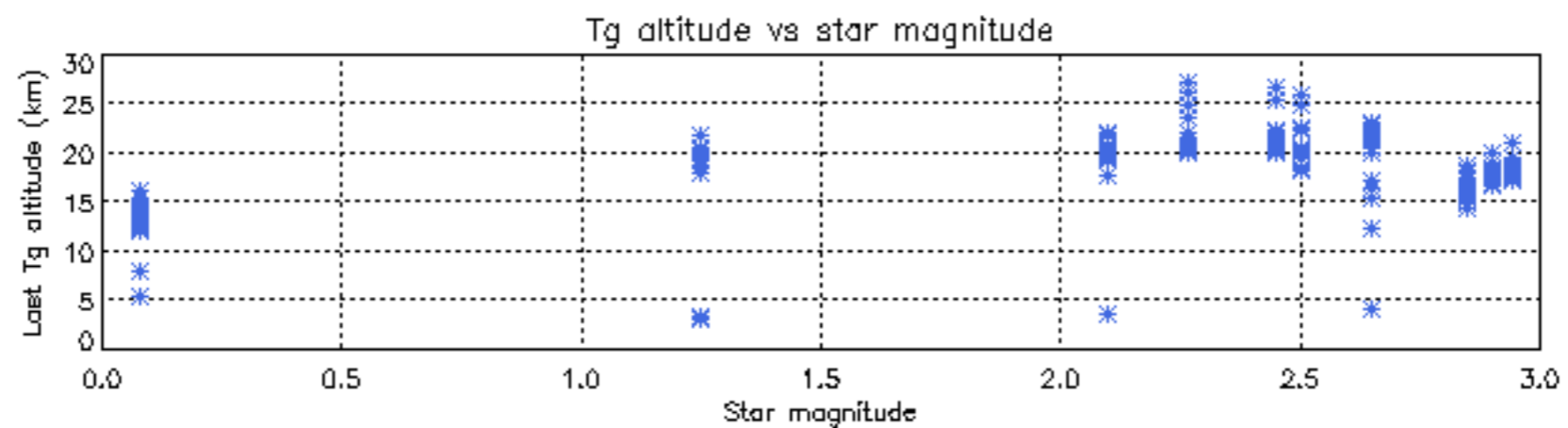
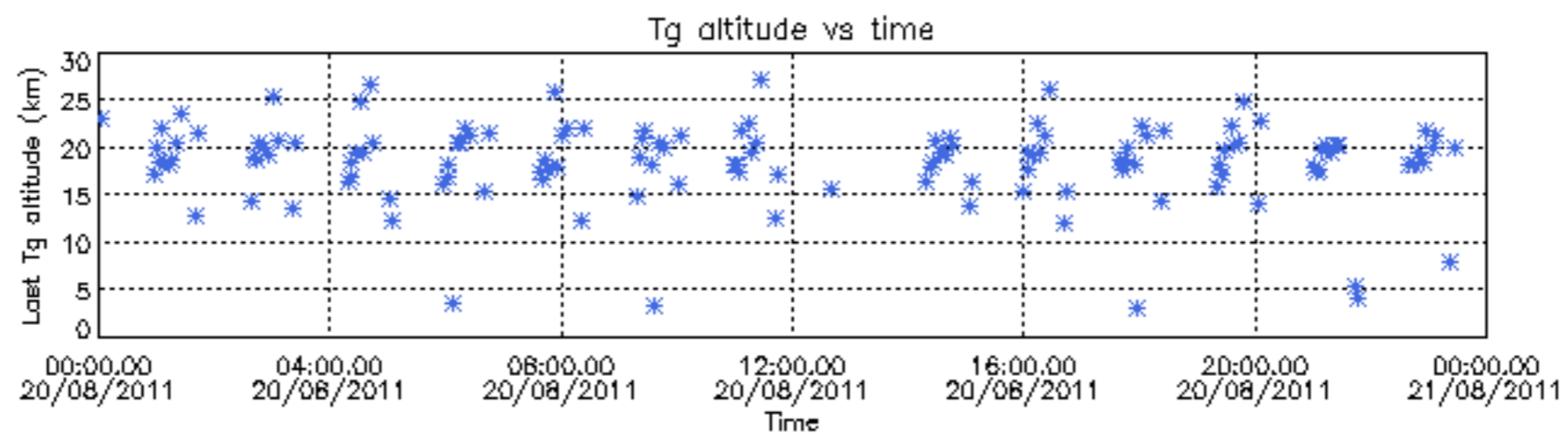
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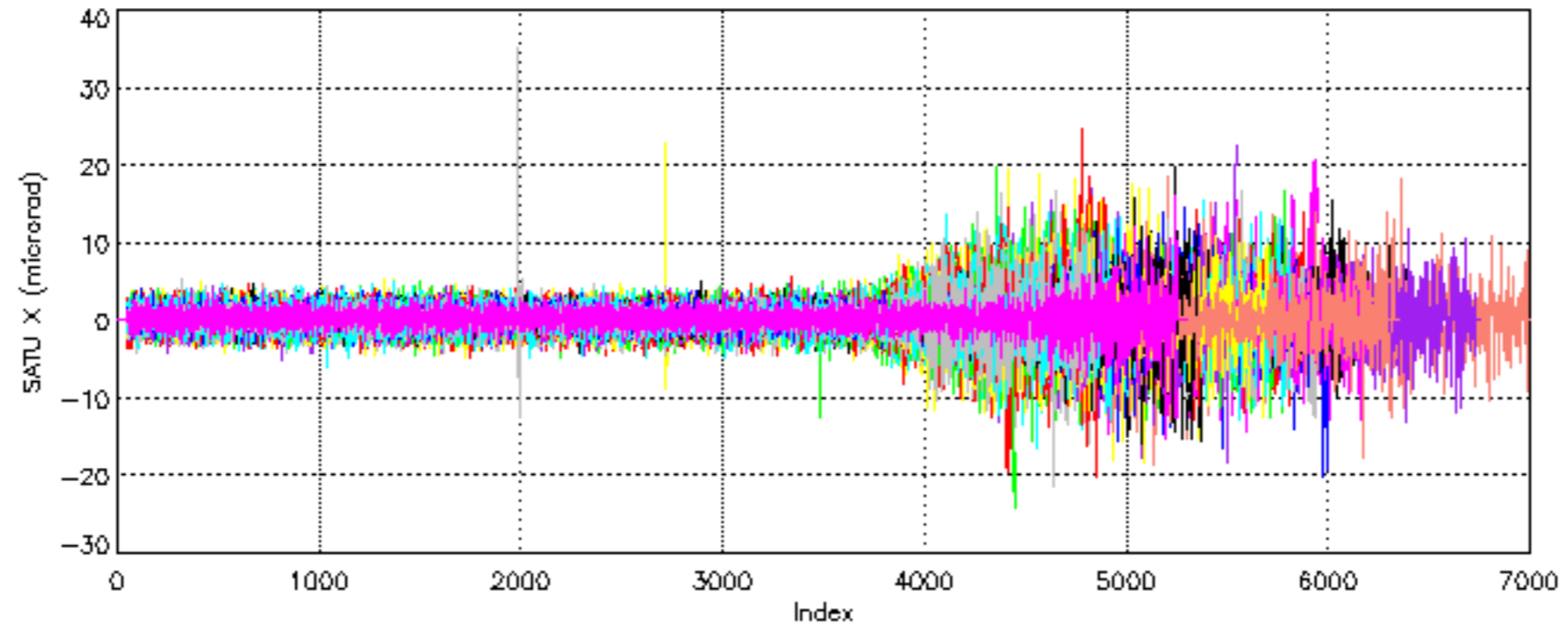


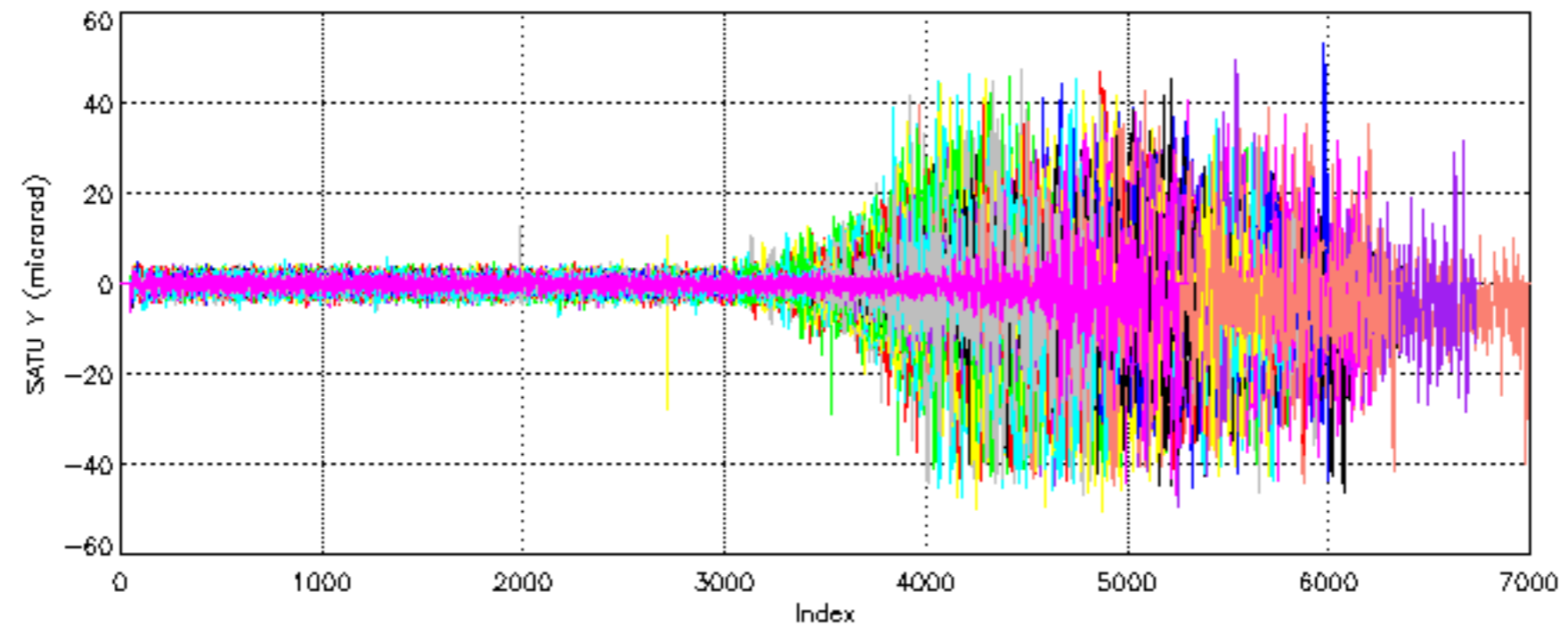
Tangent altitude at which the star is lost

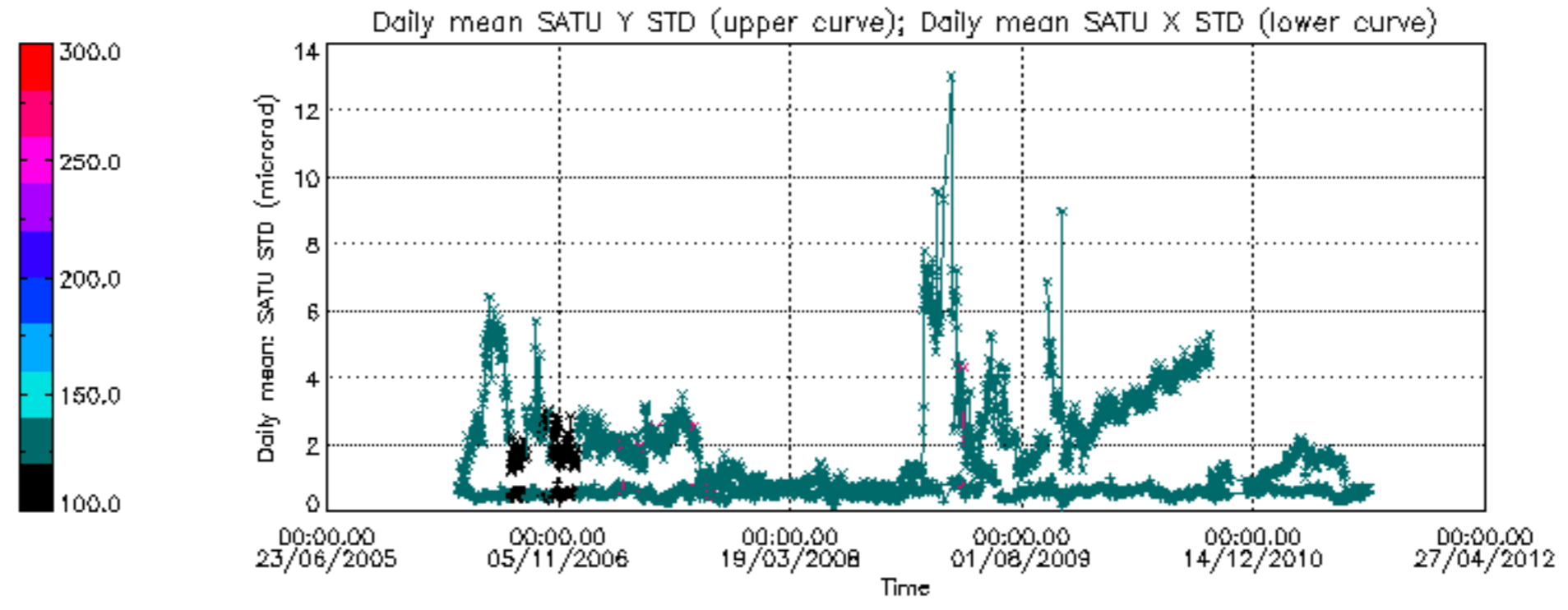


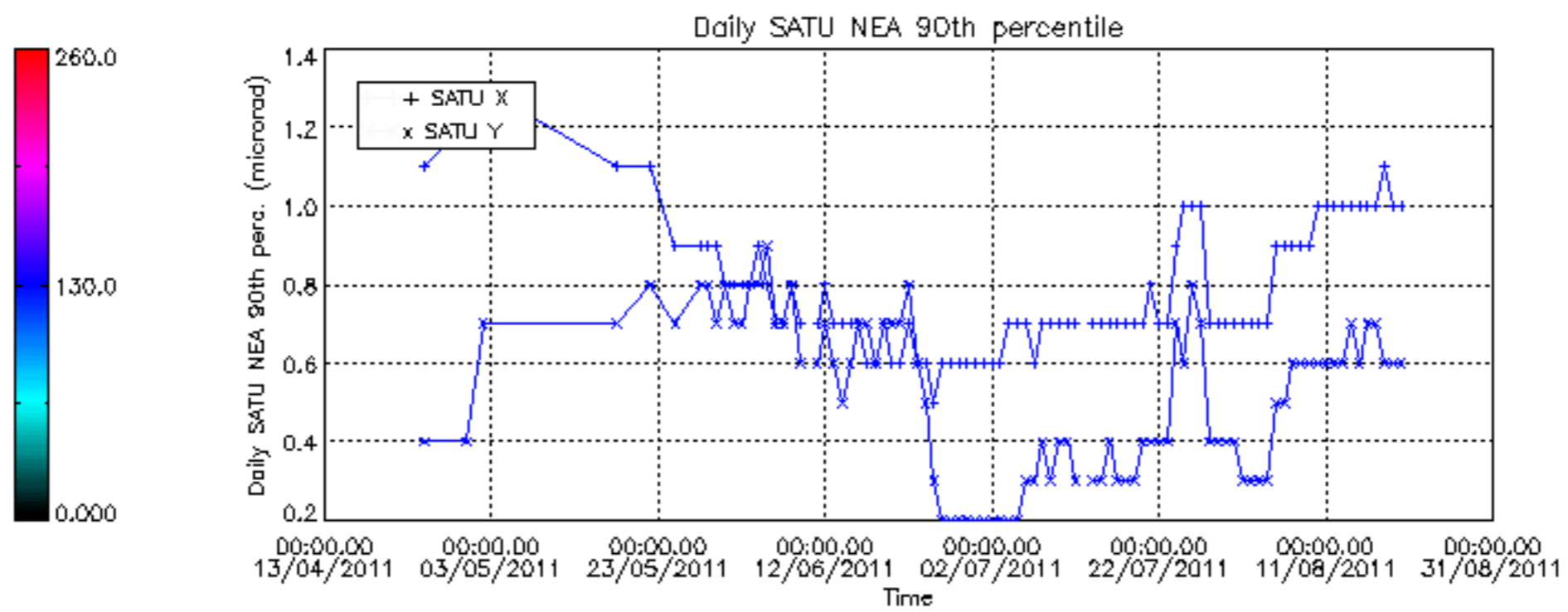
Tangent altitude at which the star is lost











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3; 38.4; 04-AUG-2011 22:00:28; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;49311
4; 347.5; 04-AUG-2011 22:05:37; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49311
5; 655.4; 04-AUG-2011 22:10:45; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;49311
6; 944.5; 04-AUG-2011 22:15:34; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;49311
7; 1129.2; 04-AUG-2011 22:18:39; Dark ; 44.5; 172; Gam Gru ; 3.00; 13100;occ; 89; 0;49311
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12; 2668.0; 04-AUG-2011 22:44:18; Bright; 36.0; 144; 18Del Cyg ; 2.86; 11000;occ; 72; 0;49311
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17; 4503.5; 04-AUG-2011 23:14:53; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;49311
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3; 2535.2; 04-AUG-2011 11:00:27; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;49304
4; 2669.0; 04-AUG-2011 11:02:41; Bright; 36.5; 144; 18Del Cyg ; 2.86; 11000;occ; 73; 0;49304
5; 3049.2; 04-AUG-2011 11:09:01; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;49304

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7; 4037.5; 04-AUG-2011 11:25:29; Bright; 37.0; 35; 33Alp Per ; 1.79; 6250;occ; 74; 0;49304
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8; 4102.8; 04-AUG-2011 13:06:49; Bright; 65.0; 175; 39Del Per ; 3.01; 19400;occ; 130; 0;49305
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21; 6956.2; 04-AUG-2011 13:54:22; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;49306
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9; 4102.4; 04-AUG-2011 14:47:02; Bright; 56.0; 175; 39Del Per ; 3.01; 19400;occ; 112; 0;49306
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12; 4631.0; 04-AUG-2011 14:55:51; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;49306
13; 4791.9; 04-AUG-2011 14:58:32; Dark ; 57.5; 13; 87Alp Tau ; 0.87; 3800;occ; 115; 0;49306
14; 4909.5; 04-AUG-2011 15:00:29; Dark ; 45.5; 27; 24Gam Ori ; 1.64; 26000;occ; 91; 0;49306
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22; 6956.7; 04-AUG-2011 15:34:36; Dark ; 42.5; 31; Alp Gru ; 1.73; 15200;occ; 85; 0;49307
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6; 3039.2; 06-AUG-2011 08:15:08; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;49331
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 22; 6209.8; 14-AUG-2011 19:16:10; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;49453
 23; 6459.2; 14-AUG-2011 19:20:19; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;49453
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 4; 1788.1; 14-AUG-2011 19:42:42; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;49453
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 7; 2489.3; 14-AUG-2011 19:54:24; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;49453
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 9; 2680.9; 14-AUG-2011 19:57:35; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;49453
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 11; 3290.5; 14-AUG-2011 20:07:45; Bright; 49.0; 74; 11Bet Cas ; 2.27; 6600;occ; 98; 0;49453
 12; 3423.2; 14-AUG-2011 20:09:57; Bright; 25.0; 76; 27Gam Cas ; 2.30; 30000;occ; 50; 0;49453
 13; 4171.9; 14-AUG-2011 20:22:26; Bright; 49.5; 6; 13Alp Aur ; 0.08; 3400;occ; 99; 0;49453
 14; 4344.5; 14-AUG-2011 20:25:19; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;49453
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 22; 5561.0; 14-AUG-2011 20:45:35; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49453
 23; 6210.9; 14-AUG-2011 20:56:25; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49454
 24; 6459.9; 14-AUG-2011 21:00:34; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;49454
 25; 6801.4; 14-AUG-2011 21:06:16; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;49454
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5; 447.2; 15-AUG-2011 00:21:03; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;49456
6; 789.1; 15-AUG-2011 00:26:45; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49456
7; 1004.9; 15-AUG-2011 00:30:21; Dark ; 43.5; 31; Alp Gru ; 1.73; 15200;occ; 87; 0;49456
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13; 2488.7; 15-AUG-2011 00:55:05; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;49456
14; 2583.4; 15-AUG-2011 00:56:39; Bright; 36.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 73; 0;49456
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18; 3421.0; 15-AUG-2011 01:10:37; Bright; 27.0; 76; 27Gam Cas ; 2.30; 30000;occ; 54; 0;49456
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22; 4698.0; 15-AUG-2011 01:31:54; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;49456
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3; -626.2; 15-AUG-2011 01:43:24; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;49456
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6; 448.0; 15-AUG-2011 02:01:18; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;49457
7; 790.0; 15-AUG-2011 02:07:00; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;49457
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9; -625.5; 15-AUG-2011 03:23:38; Dark ; 48.0; 101; 11Alp Lep ; 2.58; 7000;occ; 96; 0;49457
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12; 448.8; 15-AUG-2011 03:41:33; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;49458
13; 791.0; 15-AUG-2011 03:47:15; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;49458
14; 1005.9; 15-AUG-2011 03:50:50; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;49458
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16; 1580.5; 15-AUG-2011 04:00:25; Bright; 44.0; 142; 49Del Cap ; 2.85; 8900;occ; 88; 0;49458
17; 1788.1; 15-AUG-2011 04:03:52; Bright; 41.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 83; 0;49458
18; 1909.8; 15-AUG-2011 04:05:54; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;49458
19; 2100.5; 15-AUG-2011 04:09:05; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;49458
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21; 2583.4; 15-AUG-2011 04:17:07; Bright; 45.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 91; 0;49458
22; 2680.0; 15-AUG-2011 04:18:44; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49458
23; 2999.9; 15-AUG-2011 04:24:04; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;49458

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3; 1581.7; 15-AUG-2011 20:42:46; Bright; 43.5; 142; 49Del Cap ; 2.85; 8900;occ; 87; 0;49468
4; 1787.8; 15-AUG-2011 20:46:12; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;49468
5; 1907.7; 15-AUG-2011 20:48:12; Bright; 47.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 95; 0;49468
6; 2097.5; 15-AUG-2011 20:51:21; Bright; 45.5; 61; 8Eps Peg ; 2.10; 3900;occ; 91; 0;49468
7; 2486.4; 15-AUG-2011 20:57:50; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;49468
8; 2582.2; 15-AUG-2011 20:59:26; Bright; 37.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 74; 0;49468
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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 22; 6525.0; 21-AUG-2011 15:04:15; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49551
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 8; 3217.2; 21-AUG-2011 15:49:21; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49551
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 6; 321.8; 22-AUG-2011 02:42:44; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49558


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7;	917.6;	27-AUG-2011	01:29:12;	Dark	;	52.0;	84;	Alp Phe	;	2.40;	4500;occ;	104;	0;	49629
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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
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9; 4749.0; 27-AUG-2011 09:13:59; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;49633
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11; 5002.3; 27-AUG-2011 09:18:12; Dark ; 63.0; 14; 58Alp Ori ; 0.87; 3000;occ; 126; 0;49633
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9; 4353.6; 27-AUG-2011 10:47:38; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;49634
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13; 5003.0; 27-AUG-2011 10:58:27; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;49634
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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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9; 4353.7; 27-AUG-2011 12:27:52; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;49635
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16; 5721.2; 27-AUG-2011 12:50:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49635
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4; 2512.8; 27-AUG-2011 13:37:25; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;49636
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4; 2512.5; 27-AUG-2011 15:17:38; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;49637
5; 2965.0; 27-AUG-2011 15:25:11; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49637
6; 3157.4; 27-AUG-2011 15:28:23; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;49637
7; 3287.3; 27-AUG-2011 15:30:33; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;49637
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9; 4353.9; 27-AUG-2011 15:48:20; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;49637
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12; 4838.0; 27-AUG-2011 15:56:24; Dark ; 38.5; 153; 3Bet CMI ; 2.89; 13100;occ; 77; 0;49637
13; 5005.3; 27-AUG-2011 15:59:11; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;49637
14; 5321.1; 27-AUG-2011 16:04:27; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 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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 13; 4750.6; 27-AUG-2011 17:35:10; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;49638
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 2; 1602.2; 27-AUG-2011 18:22:56; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;49639
 3; 1792.2; 27-AUG-2011 18:26:06; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;49639
 4; 1885.2; 27-AUG-2011 18:27:39; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;49639
 5; 2065.6; 27-AUG-2011 18:30:40; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49639

6; 2511.1; 27-AUG-2011 18:38:05; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;49639
7; 2964.6; 27-AUG-2011 18:45:39; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49639
8; 3155.8; 27-AUG-2011 18:48:50; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49639
9; 3285.7; 27-AUG-2011 18:51:00; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;49639
10; 4143.9; 27-AUG-2011 19:05:18; Bright; 32.0; 6; 13Alp Aur ; 0.08; 3400;occ; 64; 0;49639
11; 4353.8; 27-AUG-2011 19:08:48; Bright; 56.5; 107; 37The Aur ; 2.65; 11000;occ; 113; 0;49639
12; 4648.3; 27-AUG-2011 19:13:42; Dark ; 54.0; 151; 13Mu Gem ; 2.89; 3000;occ; 108; 0;49639
13; 4751.0; 27-AUG-2011 19:15:25; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;49639
14; 4838.6; 27-AUG-2011 19:16:52; Dark ; 41.0; 153; 3Bet CMi ; 2.89; 13100;occ; 82; 0;49639
15; 5006.6; 27-AUG-2011 19:19:40; Dark ; 64.5; 14; 58Alp Ori ; 0.87; 3000;occ; 129; 0;49639
16; 5322.1; 27-AUG-2011 19:24:56; Dark ; 51.5; 1; 9Alp CMA ; -1.44; 11000;occ; 103; 0;49639
17; 5542.2; 27-AUG-2011 19:28:36; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;49639
18; 5725.6; 27-AUG-2011 19:31:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49639
19; 6436.2; 27-AUG-2011 19:43:30; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49640
20; 6582.2; 27-AUG-2011 19:45:56; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;49640
21; 6938.6; 27-AUG-2011 19:51:53; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;49640

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1; -772.7; 28-AUG-2011 02:04:31; Dark ; 52.0; 33; 50Zet Ori ; 1.77; 30000;occ; 104; 0;49643
2; -689.8; 28-AUG-2011 02:05:54; Dark ; 48.0; 1; 9Alp CMA ; -1.44; 11000;occ; 96; 0;49643
3; -467.7; 28-AUG-2011 02:09:36; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;49643
4; -284.2; 28-AUG-2011 02:12:39; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49643
5; 427.1; 28-AUG-2011 02:24:31; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;49644
6; 570.8; 28-AUG-2011 02:26:54; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;49644
7; 927.0; 28-AUG-2011 02:32:51; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49644
8; 1307.3; 28-AUG-2011 02:39:11; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;49644
9; 1602.8; 28-AUG-2011 02:44:06; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;49644
10; 1792.3; 28-AUG-2011 02:47:16; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49644
11; 1884.9; 28-AUG-2011 02:48:48; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;49644
12; 2065.2; 28-AUG-2011 02:51:49; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;49644
13; 2508.3; 28-AUG-2011 02:59:12; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;49644
14; 2963.9; 28-AUG-2011 03:06:48; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;49644
15; 3152.5; 28-AUG-2011 03:09:56; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;49644
16; 3282.3; 28-AUG-2011 03:12:06; Bright; 43.5; 76; 27Gam Cas ; 2.30; 30000;occ; 87; 0;49644

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2; -1660.1; 28-AUG-2011 03:29:57; Bright; 66.0; 107; 37The Aur ; 2.65; 11000;occ; 132; 0;49644
3; -1364.3; 28-AUG-2011 03:34:53; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;49644
4; -1261.2; 28-AUG-2011 03:36:36; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;49644
5; -1174.1; 28-AUG-2011 03:38:03; Dark ; 40.0; 153; 3Bet CMi ; 2.89; 13100;occ; 80; 0;49644
6; -1003.9; 28-AUG-2011 03:40:54; Dark ; 72.5; 14; 58Alp Ori ; 0.87; 3000;occ; 145; 0;49644
7; -771.7; 28-AUG-2011 03:44:46; Dark ; 44.0; 33; 50Zet Ori ; 1.77; 30000;occ; 88; 0;49644
8; -689.3; 28-AUG-2011 03:46:08; Dark ; 47.5; 1; 9Alp CMA ; -1.44; 11000;occ; 95; 0;49644
9; -466.5; 28-AUG-2011 03:49:51; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;49644
10; -283.2; 28-AUG-2011 03:52:54; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49644
11; 428.3; 28-AUG-2011 04:04:46; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;49645
12; 571.4; 28-AUG-2011 04:07:09; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;49645
13; 928.0; 28-AUG-2011 04:13:06; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;49645
14; 1307.8; 28-AUG-2011 04:19:25; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;49645
15; 1603.2; 28-AUG-2011 04:24:21; Dark ; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;49645
16; 1792.5; 28-AUG-2011 04:27:30; Bright; 38.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 77; 0;49645
17; 1885.0; 28-AUG-2011 04:29:03; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;49645
18; 2065.4; 28-AUG-2011 04:32:03; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49645
19; 2508.0; 28-AUG-2011 04:39:26; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;49645
20; 2963.9; 28-AUG-2011 04:47:01; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;49645
21; 3152.0; 28-AUG-2011 04:50:10; Bright; 44.5; 74; 11Bet Cas ; 2.27; 6600;occ; 89; 0;49645
22; 3281.6; 28-AUG-2011 04:52:19; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;49645

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2; -1660.1; 28-AUG-2011 05:10:12; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;49645
3; -1363.9; 28-AUG-2011 05:15:08; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;49645
4; -1260.8; 28-AUG-2011 05:16:51; Dark ; 49.5; 44; 24Gam Gem ; 1.93; 11000;occ; 99; 0;49645
5; -1173.7; 28-AUG-2011 05:18:18; Dark ; 40.0; 153; 3Bet CMi ; 2.89; 13100;occ; 80; 0;49645
6; -1003.1; 28-AUG-2011 05:21:09; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;49645
7; -770.7; 28-AUG-2011 05:25:01; Dark ; 44.0; 33; 50Zet Ori ; 1.77; 30000;occ; 88; 0;49645
8; -688.8; 28-AUG-2011 05:26:23; Dark ; 51.0; 1; 9Alp CMA ; -1.44; 11000;occ; 102; 0;49645
9; -465.6; 28-AUG-2011 05:30:06; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;49645
10; -282.1; 28-AUG-2011 05:33:10; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49645
11; 429.5; 28-AUG-2011 05:45:01; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;49646

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13; 928.5; 28-AUG-2011 05:53:20; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49646
14; 1308.1; 28-AUG-2011 05:59:40; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;49646
15; 1603.1; 28-AUG-2011 06:04:35; Dark ; 54.0; 142; 49Del Cap ; 2.85; 8900;occ; 108; 0;49646
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
18; 2065.3; 28-AUG-2011 06:12:17; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;49646
19; 2507.3; 28-AUG-2011 06:19:39; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;49646
20; 2963.9; 28-AUG-2011 06:27:16; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49646
21; 3151.4; 28-AUG-2011 06:30:23; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;49646
22; 3280.9; 28-AUG-2011 06:32:33; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;49646
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2;-1659.9; 28-AUG-2011 06:50:26; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;49646
3;-1363.6; 28-AUG-2011 06:55:22; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;49646
4;-1260.4; 28-AUG-2011 06:57:05; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;49646
5;-1173.4; 28-AUG-2011 06:58:32; Dark ; 38.0; 153; 3Bet CMi ; 2.89; 13100;occ; 76; 0;49646
6;-1002.4; 28-AUG-2011 07:01:23; Dark ; 73.0; 14; 58Alp Ori ; 0.87; 3000;occ; 146; 0;49646
7; -769.6; 28-AUG-2011 07:05:16; Dark ; 35.0; 33; 50Zet Ori ; 1.77; 30000;occ; 70; 0;49646
8; -688.3; 28-AUG-2011 07:06:37; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;49646
9; -464.4; 28-AUG-2011 07:10:21; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;49646
10; -281.0; 28-AUG-2011 07:13:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49646
11; 430.7; 28-AUG-2011 07:25:16; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;49647
12; 572.7; 28-AUG-2011 07:27:38; Dark ; 42.0; 9; Alp Eri ; 0.45; 24000;occ; 84; 0;49647
13; 929.1; 28-AUG-2011 07:33:35; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;49647
14; 1308.4; 28-AUG-2011 07:39:54; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;49647
15; 1603.3; 28-AUG-2011 07:44:49; Dark ; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;49647
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3; 2065.2; 28-AUG-2011 07:52:31; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;49647
4; 2506.8; 28-AUG-2011 07:59:52; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;49647
5; 2963.8; 28-AUG-2011 08:07:29; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;49647
6; 3150.6; 28-AUG-2011 08:10:36; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49647
7; 3280.2; 28-AUG-2011 08:12:46; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;49647
8; 4189.8; 28-AUG-2011 08:27:55; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;49647
9; 4354.1; 28-AUG-2011 08:30:40; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;49647
10; 4650.7; 28-AUG-2011 08:35:36; Dark ; 54.5; 151; 13Mu Gem ; 2.89; 3000;occ; 109; 0;49647
11; 4753.8; 28-AUG-2011 08:37:19; Dark ; 48.5; 44; 24Gam Gem ; 1.93; 11000;occ; 97; 0;49647
12; 4841.0; 28-AUG-2011 08:38:47; Dark ; 38.5; 153; 3Bet CMi ; 2.89; 13100;occ; 77; 0;49647
13; 5012.3; 28-AUG-2011 08:41:38; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;49647
14; 5245.3; 28-AUG-2011 08:45:31; Dark ; 35.0; 33; 50Zet Ori ; 1.77; 30000;occ; 70; 0;49647
15; 5326.3; 28-AUG-2011 08:46:52; Dark ; 48.5; 1; 9Alp CMa ; -1.44; 11000;occ; 97; 0;49647
16; 5550.7; 28-AUG-2011 08:50:36; Dark ; 55.0; 101; 11Alp Lep ; 2.58; 7000;occ; 110; 0;49647
17; 5734.0; 28-AUG-2011 08:53:40; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49647
18; 6445.9; 28-AUG-2011 09:05:32; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49648
19; 6587.3; 28-AUG-2011 09:07:53; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;49648
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21; 7322.6; 28-AUG-2011 09:20:08; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;49648
22; 7617.4; 28-AUG-2011 09:25:03; Dark ; 53.5; 142; 49Del Cap ; 2.85; 8900;occ; 107; 0;49648
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7; 3279.5; 28-AUG-2011 09:52:59; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;49648
8; 4189.9; 28-AUG-2011 10:08:09; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;49648
9; 4354.2; 28-AUG-2011 10:10:54; Bright; 53.5; 107; 37The Aur ; 2.65; 11000;occ; 107; 0;49648
10; 4486.5; 28-AUG-2011 10:13:06; Bright; 35.5; 17; 78Bet Gem ; 1.16; 4500;occ; 71; 0;49648
11; 4650.9; 28-AUG-2011 10:15:51; Dark ; 59.0; 151; 13Mu Gem ; 2.89; 3000;occ; 118; 0;49648
12; 4754.1; 28-AUG-2011 10:17:34; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;49648
13; 4841.1; 28-AUG-2011 10:19:01; Dark ; 38.0; 153; 3Bet CMi ; 2.89; 13100;occ; 76; 0;49648
14; 5013.1; 28-AUG-2011 10:21:53; Dark ; 72.5; 14; 58Alp Ori ; 0.87; 3000;occ; 145; 0;49648
15; 5246.3; 28-AUG-2011 10:25:46; Dark ; 27.0; 33; 50Zet Ori ; 1.77; 30000;occ; 54; 0;49648
16; 5326.8; 28-AUG-2011 10:27:06; Dark ; 47.0; 1; 9Alp CMa ; -1.44; 11000;occ; 94; 0;49648
17; 5551.6; 28-AUG-2011 10:30:51; Dark ; 54.0; 101; 11Alp Lep ; 2.58; 7000;occ; 108; 0;49648

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19; 6447.1; 28-AUG-2011 10:45:47; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49649
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21; 6944.3; 28-AUG-2011 10:54:04; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;49649
22; 7322.9; 28-AUG-2011 11:00:22; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;49649
23; 7617.3; 28-AUG-2011 11:05:17; Dark ; 51.0; 142; 49Del Cap ; 2.85; 8900;occ; 102; 0;49649
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 6; 2963.4; 28-AUG-2011 11:27:57; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49649
 7; 3149.3; 28-AUG-2011 11:31:03; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;49649
 8; 3278.8; 28-AUG-2011 11:33:12; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;49649
 9; 4189.6; 28-AUG-2011 11:48:23; Bright; 46.0; 42; 34Bet Aur ; 1.90; 10200;occ; 92; 0;49649
10; 4354.2; 28-AUG-2011 11:51:08; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;49649
11; 4486.6; 28-AUG-2011 11:53:20; Bright; 36.0; 17; 78Bet Gem ; 1.16; 4500;occ; 72; 0;49649
12; 4651.2; 28-AUG-2011 11:56:05; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;49649
13; 4754.6; 28-AUG-2011 11:57:48; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;49649
14; 4841.4; 28-AUG-2011 11:59:15; Dark ; 41.5; 153; 3Bet CMi ; 2.89; 13100;occ; 83; 0;49649
15; 5013.7; 28-AUG-2011 12:02:07; Dark ; 61.0; 14; 58Alp Ori ; 0.87; 3000;occ; 122; 0;49649
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23; 7898.2; 29-AUG-2011 03:52:17; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;49659
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3; 1613.7; 30-AUG-2011 19:53:22; Dark ; 45.0; 142; 49Del Cap ; 2.85; 8900;occ; 90; 0;49683
4; 1883.6; 30-AUG-2011 19:57:52; Bright; 39.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 78; 0;49683
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6; 2487.9; 30-AUG-2011 20:07:56; Bright; 43.0; 164; 44Eta Peg ; 2.95; 5400;occ; 86; 0;49683
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8; 4130.3; 31-AUG-2011 16:38:06; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;49695
9; 4355.0; 31-AUG-2011 16:41:51; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;49695
10; 4494.2; 31-AUG-2011 16:44:10; Bright; 38.0; 17; 78Bet Gem ; 1.16; 4500;occ; 76; 0;49695
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12; 4771.7; 31-AUG-2011 16:48:48; Dark ; 52.0; 44; 24Gam Gem ; 1.93; 11000;occ; 104; 0;49695
13; 5049.4; 31-AUG-2011 16:53:25; Dark ; 67.5; 14; 58Alp Ori ; 0.87; 3000;occ; 135; 0;49695
14; 5354.6; 31-AUG-2011 16:58:31; Dark ; 54.5; 1; 9Alp CMA ; -1.44; 11000;occ; 109; 0;49695
15; 5605.5; 31-AUG-2011 17:02:41; Dark ; 56.5; 101; 11Alp Lep ; 2.58; 7000;occ; 113; 0;49695
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6; 3119.3; 31-AUG-2011 18:01:29; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;49696
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