

GOMOS Daily Report 30-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	05SEP2011 07:02:50
Data source version	GOMOS/6.01
Start time of products	30AUG2011 14:34:23
Stop time of products	30AUG2011 23:59:31
Store outputs in DB	Yes
Nb of level 1b prods	111
Nb of prods with errors	0

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

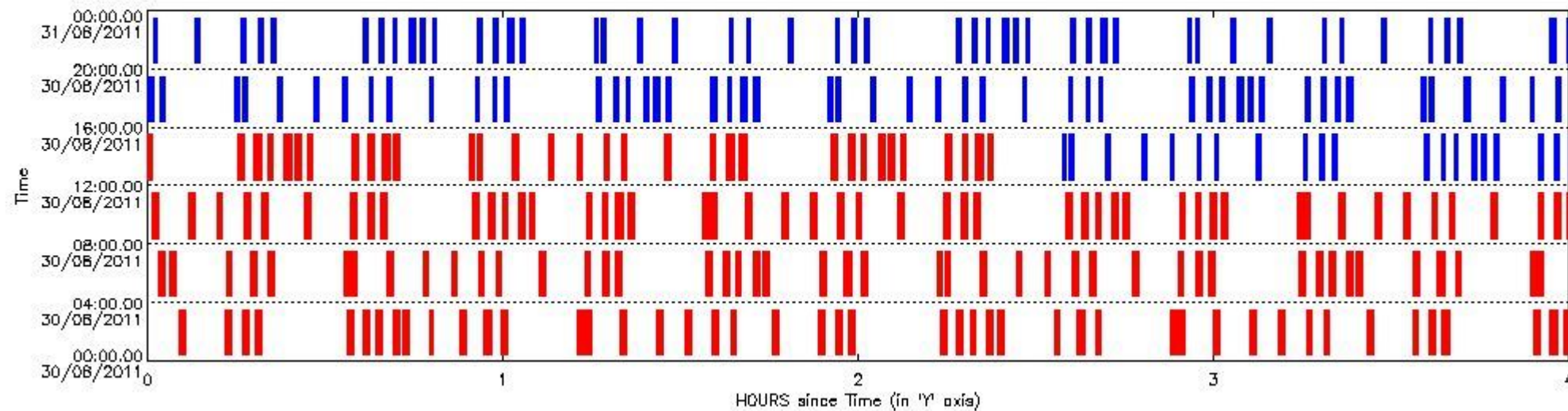
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
30-AUG-2011 00:05:19	44EtaPeg	164	49671
30-AUG-2011 00:13:06	5AlpCep	89	49671
30-AUG-2011 00:16:00	11BetCas	74	49671
30-AUG-2011 00:18:08	27GamCas	76	49671
30-AUG-2011 00:33:32	34BetAur	42	49671
30-AUG-2011 00:36:19	37TheAur	107	49671
30-AUG-2011 00:38:35	78BetGem	17	49671
30-AUG-2011 00:41:23	13MuGem	151	49671
30-AUG-2011 00:43:07	24GamGem	44	49671
30-AUG-2011 00:47:35	58AlpOri	14	49671
30-AUG-2011 00:52:45	9AlpCMa	1	49671
30-AUG-2011 00:56:42	11AlpLep	101	49671
30-AUG-2011 00:59:45	DSA1062	0	49671
30-AUG-2011 01:12:31	AlpHyi	143	49672
30-AUG-2011 01:13:47	AlpEri	9	49672

30-AUG-2011 01:19:43	AlpPhe	84	49672
30-AUG-2011 01:25:54	24AlpPsA	18	49672
30-AUG-2011 01:30:45	49DelCap	142	49672
30-AUG-2011 01:35:23	34AlpAqr	162	49672
30-AUG-2011 01:38:22	8EpsPeg	61	49672
30-AUG-2011 01:45:32	44EtaPeg	164	49672
30-AUG-2011 01:53:19	5AlpCep	89	49672
30-AUG-2011 01:56:13	11BetCas	74	49672
30-AUG-2011 01:58:21	27GamCas	76	49672
30-AUG-2011 02:13:46	34BetAur	42	49672
30-AUG-2011 02:16:33	37TheAur	107	49672
30-AUG-2011 02:18:49	78BetGem	17	49672
30-AUG-2011 02:21:37	13MuGem	151	49672
30-AUG-2011 02:23:22	24GamGem	44	49672
30-AUG-2011 02:32:59	9AlpCMa	1	49672
30-AUG-2011 02:36:57	11AlpLep	101	49672
30-AUG-2011 02:40:00	DSA1062	0	49672
30-AUG-2011 02:52:46	AlpHyi	143	49673
30-AUG-2011 02:54:01	AlpEri	9	49673
30-AUG-2011 02:59:58	AlpPhe	84	49673
30-AUG-2011 03:06:09	24AlpPsA	18	49673
30-AUG-2011 03:10:59	49DelCap	142	49673
30-AUG-2011 03:15:36	34AlpAqr	162	49673
30-AUG-2011 03:18:36	8EpsPeg	61	49673
30-AUG-2011 03:25:46	44EtaPeg	164	49673
30-AUG-2011 03:33:33	5AlpCep	89	49673
30-AUG-2011 03:36:26	11BetCas	74	49673
30-AUG-2011 03:38:34	27GamCas	76	49673
30-AUG-2011 03:54:00	34BetAur	42	49673
30-AUG-2011 03:56:47	37TheAur	107	49673
30-AUG-2011 03:59:03	78BetGem	17	49673
30-AUG-2011 04:01:51	13MuGem	151	49673
30-AUG-2011 04:03:36	24GamGem	44	49673
30-AUG-2011 04:13:14	9AlpCMa	1	49673
30-AUG-2011 04:17:12	11AlpLep	101	49673
30-AUG-2011 04:20:15	DSA1062	0	49673
30-AUG-2011 04:33:00	AlpHyi	143	49674
30-AUG-2011 04:34:16	AlpEri	9	49674
30-AUG-2011 04:40:12	AlpPhe	84	49674
30-AUG-2011 04:46:23	24AlpPsA	18	49674
30-AUG-2011 04:51:13	49DelCap	142	49674
30-AUG-2011 04:55:50	34AlpAqr	162	49674
30-AUG-2011 04:58:50	8EpsPeg	61	49674
30-AUG-2011 05:05:59	44EtaPeg	164	49674
30-AUG-2011 05:13:47	5AlpCep	89	49674
30-AUG-2011 05:16:40	11BetCas	74	49674
30-AUG-2011 05:18:48	27GamCas	76	49674
30-AUG-2011 05:34:14	34BetAur	42	49674
30-AUG-2011 05:37:01	37TheAur	107	49674
30-AUG-2011 05:39:17	78BetGem	17	49674
30-AUG-2011 05:42:05	13MuGem	151	49674
30-AUG-2011 05:43:50	24GamGem	44	49674
30-AUG-2011 05:53:28	9AlpCMa	1	49674
30-AUG-2011 05:57:27	11AlpLep	101	49674
30-AUG-2011 06:00:30	DSA1062	0	49674
30-AUG-2011 06:13:15	AlpHyi	143	49675
30-AUG-2011 06:14:31	AlpEri	9	49675
30-AUG-2011 06:20:27	AlpPhe	84	49675
30-AUG-2011 06:26:37	24AlpPsA	18	49675

30-AUG-2011 06:31:28	49DelCap	142	49675
30-AUG-2011 06:36:04	34AlpAqr	162	49675
30-AUG-2011 06:39:04	8EpsPeg	61	49675
30-AUG-2011 06:46:13	44EtaPeg	164	49675
30-AUG-2011 06:54:01	5AlpCep	89	49675
30-AUG-2011 06:56:53	11BetCas	74	49675
30-AUG-2011 06:59:01	27GamCas	76	49675
30-AUG-2011 07:14:28	34BetAur	42	49675
30-AUG-2011 07:17:15	37TheAur	107	49675
30-AUG-2011 07:19:32	78BetGem	17	49675
30-AUG-2011 07:22:20	13MuGem	151	49675
30-AUG-2011 07:24:05	24GamGem	44	49675
30-AUG-2011 07:33:43	9AlpCMa	1	49675
30-AUG-2011 07:37:42	11AlpLep	101	49675
30-AUG-2011 07:40:45	DSA1062	0	49675
30-AUG-2011 07:53:29	AlpHyi	143	49676
30-AUG-2011 07:54:45	AlpEri	9	49676
30-AUG-2011 08:00:41	AlpPhe	84	49676
30-AUG-2011 08:06:51	24AlpPsA	18	49676
30-AUG-2011 08:11:42	49DelCap	142	49676
30-AUG-2011 08:16:18	34AlpAqr	162	49676
30-AUG-2011 08:19:18	8EpsPeg	61	49676
30-AUG-2011 08:26:26	44EtaPeg	164	49676
30-AUG-2011 08:34:15	5AlpCep	89	49676
30-AUG-2011 08:37:06	11BetCas	74	49676
30-AUG-2011 08:39:14	27GamCas	76	49676
30-AUG-2011 08:54:41	34BetAur	42	49676
30-AUG-2011 08:57:29	37TheAur	107	49676
30-AUG-2011 08:59:46	78BetGem	17	49676
30-AUG-2011 09:02:34	13MuGem	151	49676
30-AUG-2011 09:04:19	24GamGem	44	49676
30-AUG-2011 09:13:58	9AlpCMa	1	49676
30-AUG-2011 09:16:44	21EpsCMa	23	49676
30-AUG-2011 09:18:59	9BetLep	139	49676
30-AUG-2011 09:21:01	DSA1062	0	49676
30-AUG-2011 09:33:44	AlpHyi	143	49677
30-AUG-2011 09:35:00	AlpEri	9	49677
30-AUG-2011 09:40:56	AlpPhe	84	49677
30-AUG-2011 09:47:06	24AlpPsA	18	49677
30-AUG-2011 09:51:56	49DelCap	142	49677
30-AUG-2011 09:56:32	34AlpAqr	162	49677
30-AUG-2011 09:59:32	8EpsPeg	61	49677
30-AUG-2011 10:06:39	44EtaPeg	164	49677
30-AUG-2011 10:14:29	5AlpCep	89	49677
30-AUG-2011 10:17:20	11BetCas	74	49677
30-AUG-2011 10:19:28	27GamCas	76	49677
30-AUG-2011 10:34:55	34BetAur	42	49677
30-AUG-2011 10:37:43	37TheAur	107	49677
30-AUG-2011 10:40:00	78BetGem	17	49677
30-AUG-2011 10:42:48	13MuGem	151	49677
30-AUG-2011 10:44:33	24GamGem	44	49677
30-AUG-2011 10:54:12	9AlpCMa	1	49677
30-AUG-2011 10:56:58	21EpsCMa	23	49677
30-AUG-2011 10:59:14	9BetLep	139	49677
30-AUG-2011 11:01:16	DSA1062	0	49677
30-AUG-2011 11:13:58	AlpHyi	143	49678
30-AUG-2011 11:15:14	AlpEri	9	49678
30-AUG-2011 11:21:11	AlpPhe	84	49678
30-AUG-2011 11:27:20	24AlpPsA	18	49678

30-AUG-2011 11:32:10	49DelCap	142	49678
30-AUG-2011 11:36:46	34AlpAqr	162	49678
30-AUG-2011 11:39:46	8EpsPeg	61	49678
30-AUG-2011 11:46:53	44EtaPeg	164	49678
30-AUG-2011 11:54:43	5AlpCep	89	49678
30-AUG-2011 11:57:33	11BetCas	74	49678
30-AUG-2011 11:59:41	27GamCas	76	49678
30-AUG-2011 12:15:09	34BetAur	42	49678
30-AUG-2011 12:17:57	37TheAur	107	49678
30-AUG-2011 12:20:14	78BetGem	17	49678
30-AUG-2011 12:23:03	13MuGem	151	49678
30-AUG-2011 12:24:48	24GamGem	44	49678
30-AUG-2011 12:26:52	10AlpCMi	8	49678
30-AUG-2011 12:34:27	9AlpCMa	1	49678
30-AUG-2011 12:37:13	21EpsCMa	23	49678
30-AUG-2011 12:39:29	9BetLep	139	49678
30-AUG-2011 12:41:31	DSA1062	0	49678
30-AUG-2011 12:54:13	AlpHyi	143	49679
30-AUG-2011 12:55:29	AlpEri	9	49679
30-AUG-2011 13:01:25	AlpPhe	84	49679
30-AUG-2011 13:07:34	24AlpPsA	18	49679
30-AUG-2011 13:12:24	49DelCap	142	49679
30-AUG-2011 13:17:00	34AlpAqr	162	49679
30-AUG-2011 13:20:00	8EpsPeg	61	49679
30-AUG-2011 13:27:06	44EtaPeg	164	49679
30-AUG-2011 13:34:57	5AlpCep	89	49679
30-AUG-2011 13:37:46	11BetCas	74	49679
30-AUG-2011 13:39:54	27GamCas	76	49679
30-AUG-2011 13:55:23	34BetAur	42	49679
30-AUG-2011 13:58:11	37TheAur	107	49679
30-AUG-2011 14:00:28	78BetGem	17	49679
30-AUG-2011 14:03:17	13MuGem	151	49679
30-AUG-2011 14:05:02	24GamGem	44	49679
30-AUG-2011 14:07:06	10AlpCMi	8	49679
30-AUG-2011 14:14:41	9AlpCMa	1	49679
30-AUG-2011 14:17:27	21EpsCMa	23	49679
30-AUG-2011 14:19:44	9BetLep	139	49679
30-AUG-2011 14:21:46	DSA1062	0	49679

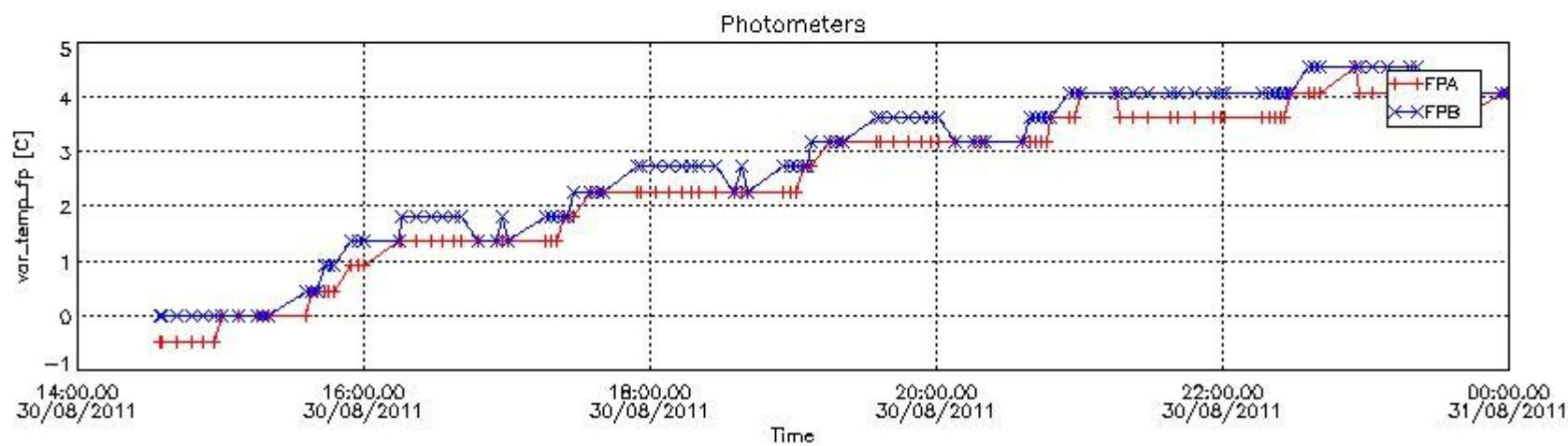
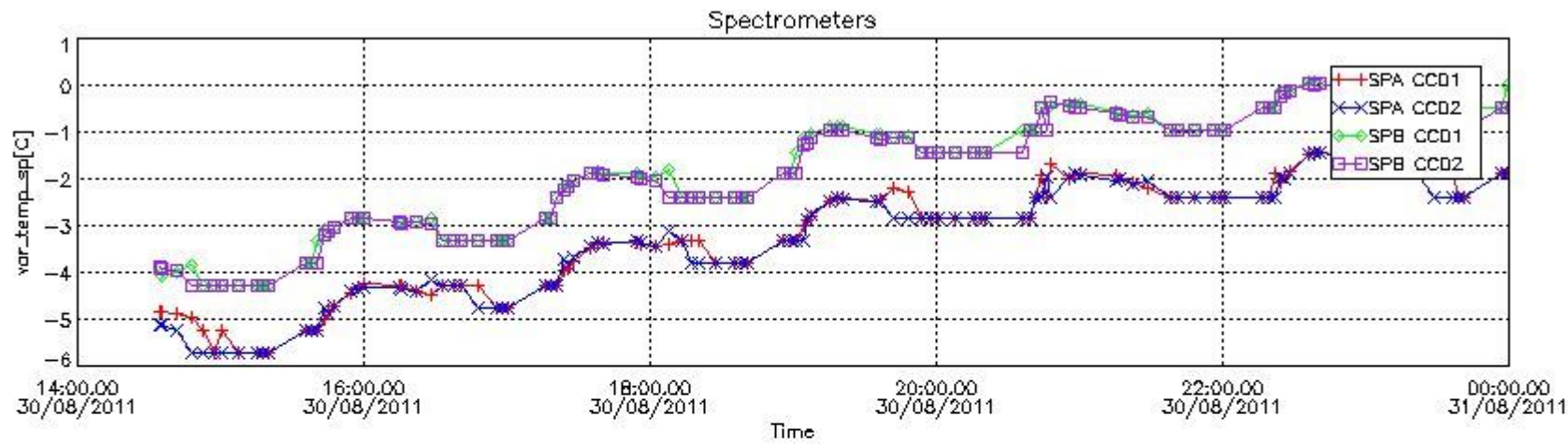
2.4 Summary of processed GOM_TRA_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDK20110830_143423_000000413106_00097_49680_8027.N1	30-AUG-2011 14:34:23	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	49680	No
2	GOM_TRA_1PNPDK20110830_143540_000000443106_00097_49680_8028.N1	30-AUG-2011 14:35:40	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49680	No
3	GOM_TRA_1PNPDK20110830_144136_000000543106_00097_49680_8029.N1	30-AUG-2011 14:41:36	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49680	No
4	GOM_TRA_1PNPDK20110830_144744_000000493106_00097_49680_8030.N1	30-AUG-2011 14:47:44	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	49680	No
5	GOM_TRA_1PNPDK20110830_145234_000000473106_00097_49680_8132.N1	30-AUG-2011 14:52:34	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	49680	No
6	GOM_TRA_1PNPDK20110830_145710_000000403106_00097_49680_8133.N1	30-AUG-2011 14:57:10	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	49680	No
7	GOM_TRA_1PNPDK20110830_150010_000000393106_00097_49680_8134.N1	30-AUG-2011 15:00:10	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	49680	No
8	GOM_TRA_1PNPDK20110830_150716_000000453106_00097_49680_8135.N1	30-AUG-2011 15:07:16	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	49680	No
9	GOM_TRA_1PNPDK20110830_151506_000000353106_00097_49680_8136.N1	30-AUG-2011 15:15:06	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	49680	No
10	GOM_TRA_1PNPDK20110830_151756_000000443106_00097_49680_8137.N1	30-AUG-2011 15:17:56	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	49680	No
11	GOM_TRA_1PNPDK20110830_152003_000000443106_00097_49680_8138.N1	30-AUG-2011 15:20:03	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	49680	No
12	GOM_TRA_1PNPDK20110830_153533_000000463106_00097_49680_8139.N1	30-AUG-2011 15:35:33	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	49680	No
13	GOM_TRA_1PNPDK20110830_153821_000000443106_00097_49680_8140.N1	30-AUG-2011 15:38:21	Bright	44.000	107	37The Aur	2.6490	11000.	88	49680	No
14	GOM_TRA_1PNPDK20110830_154038_000000363106_00097_49680_8141.N1	30-AUG-2011 15:40:38	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	49680	No
15	GOM_TRA_1PNPDK20110830_154327_000000553106_00097_49680_8142.N1	30-AUG-2011 15:43:27	Twilight_and_stray	55.000	151	13Mu Gem	2.8900	3000.0	110	49680	No
16	GOM_TRA_1PNPDK20110830_154512_000000523106_00097_49680_8143.N1	30-AUG-2011 15:45:12	Twilight_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	49680	No

17	GOM_TRA_1PNPDK20110830_154716_000000483106_00097_49680_8144.N1	30-AUG-2011 15:47:16	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	49680	No
18	GOM_TRA_1PNPDK20110830_155452_000000483106_00097_49680_8145.N1	30-AUG-2011 15:54:52	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	49680	No
19	GOM_TRA_1PNPDK20110830_155738_000000433106_00097_49680_8146.N1	30-AUG-2011 15:57:38	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	49680	No
20	GOM_TRA_1PNPDK20110830_155956_000000573106_00097_49680_8147.N1	30-AUG-2011 15:59:56	Dark	57.000	139	9Bet Lep	2.8330	5600.0	114	49680	No
21	GOM_TRA_1PNPDK20110830_161438_000000413106_00098_49681_8148.N1	30-AUG-2011 16:14:38	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	49681	No
22	GOM_TRA_1PNPDK20110830_161554_000000453106_00098_49681_8149.N1	30-AUG-2011 16:15:54	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49681	No
23	GOM_TRA_1PNPDK20110830_162150_000000473106_00098_49681_8150.N1	30-AUG-2011 16:21:50	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	49681	No
24	GOM_TRA_1PNPDK20110830_162759_000000503106_00098_49681_8173.N1	30-AUG-2011 16:27:59	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	49681	No
25	GOM_TRA_1PNPDK20110830_163248_000000543106_00098_49681_8174.N1	30-AUG-2011 16:32:48	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	49681	No
26	GOM_TRA_1PNPDK20110830_163724_000000393106_00098_49681_8175.N1	30-AUG-2011 16:37:24	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	49681	No
27	GOM_TRA_1PNPDK20110830_164023_000000393106_00098_49681_8176.N1	30-AUG-2011 16:40:23	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	49681	No
28	GOM_TRA_1PNPDK20110830_164729_000000443106_00098_49681_8177.N1	30-AUG-2011 16:47:29	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	49681	No
29	GOM_TRA_1PNPDK20110830_165520_000000373106_00098_49681_8178.N1	30-AUG-2011 16:55:20	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	49681	No
30	GOM_TRA_1PNPDK20110830_165809_000000433106_00098_49681_8179.N1	30-AUG-2011 16:58:09	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	49681	No
31	GOM_TRA_1PNPDK20110830_170017_000000473106_00098_49681_8180.N1	30-AUG-2011 17:00:17	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49681	No
32	GOM_TRA_1PNPDK20110830_171547_000000463106_00098_49681_8181.N1	30-AUG-2011 17:15:47	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	49681	No
33	GOM_TRA_1PNPDK20110830_171835_000000473106_00098_49681_8182.N1	30-AUG-2011 17:18:35	Bright	46.500	107	37The Aur	2.6490	11000.	93	49681	No
34	GOM_TRA_1PNPDK20110830_172052_000000363106_00098_49681_8183.N1	30-AUG-2011 17:20:52	Bright	35.500	17	78Bet Gem	1.1610	4500.0	71	49681	No
35	GOM_TRA_1PNPDK20110830_172342_000000583106_00098_49681_8184.N1	30-AUG-2011 17:23:42	Twilight	58.000	151	13Mu Gem	2.8900	3000.0	116	49681	No
36	GOM_TRA_1PNPDK20110830_172527_000000533106_00098_49681_8185.N1	30-AUG-2011 17:25:27	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	49681	No
37	GOM_TRA_1PNPDK20110830_172731_000000473106_00098_49681_8186.N1	30-AUG-2011 17:27:31	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	49681	No
38	GOM_TRA_1PNPDK20110830_173507_000000503106_00098_49681_8187.N1	30-AUG-2011 17:35:07	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	49681	No
39	GOM_TRA_1PNPDK20110830_173752_000000423106_00098_49681_8188.N1	30-AUG-2011 17:37:52	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	49681	No
40	GOM_TRA_1PNPDK20110830_174011_000000523106_00098_49681_8189.N1	30-AUG-2011 17:40:11	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	49681	No
41	GOM_TRA_1PNPDK20110830_175452_000000393106_00099_49682_8190.N1	30-AUG-2011 17:54:52	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	49682	No
42	GOM_TRA_1PNPDK20110830_175609_000000463106_00099_49682_8191.N1	30-AUG-2011 17:56:09	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49682	No
43	GOM_TRA_1PNPDK20110830_180205_000000483106_00099_49682_8192.N1	30-AUG-2011 18:02:05	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	49682	No
44	GOM_TRA_1PNPDK20110830_180813_000000503106_00099_49682_8193.N1	30-AUG-2011 18:08:13	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	49682	No
45	GOM_TRA_1PNPDK20110830_181302_000000443106_00099_49682_8194.N1	30-AUG-2011 18:13:02	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	49682	No
46	GOM_TRA_1PNPDK20110830_181738_000000413106_00099_49682_8195.N1	30-AUG-2011 18:17:38	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	49682	No
47	GOM_TRA_1PNPDK20110830_182037_000000393106_00099_49682_8196.N1	30-AUG-2011 18:20:37	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	49682	No
48	GOM_TRA_1PNPDK20110830_182743_000000433106_00099_49682_8197.N1	30-AUG-2011 18:27:43	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	49682	No
49	GOM_TRA_1PNPDK20110830_183534_000000373106_00099_49682_8198.N1	30-AUG-2011 18:35:34	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49682	No
50	GOM_TRA_1PNPDK20110830_183823_000000443106_00099_49682_8199.N1	30-AUG-2011 18:38:23	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	49682	No
51	GOM_TRA_1PNPDK20110830_184030_000000473106_00099_49682_8200.N1	30-AUG-2011 18:40:30	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49682	No
52	GOM_TRA_1PNPDK20110830_185601_000000453106_00099_49682_8201.N1	30-AUG-2011 18:56:01	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	49682	No
53	GOM_TRA_1PNPDK20110830_185849_000000463106_00099_49682_8202.N1	30-AUG-2011 18:58:49	Bright	45.500	107	37The Aur	2.6490	11000.	91	49682	No
54	GOM_TRA_1PNPDK20110830_190107_000000393106_00099_49682_8203.N1	30-AUG-2011 19:01:07	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	49682	No
55	GOM_TRA_1PNPDK20110830_190356_000000613106_00099_49682_8204.N1	30-AUG-2011 19:03:56	Twilight	60.500	151	13Mu Gem	2.8900	3000.0	121	49682	No
56	GOM_TRA_1PNPDK20110830_190541_000000523106_00099_49682_8205.N1	30-AUG-2011 19:05:41	Twilight	51.500	44	24Gam Gem	1.9280	11000.	103	49682	No
57	GOM_TRA_1PNPDK20110830_190745_000000483106_00099_49682_8206.N1	30-AUG-2011 19:07:45	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	49682	No
58	GOM_TRA_1PNPDK20110830_191521_000000533106_00099_49682_8207.N1	30-AUG-2011 19:15:21	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	49682	No
59	GOM_TRA_1PNPDK20110830_191807_000000453106_00099_49682_8208.N1	30-AUG-2011 19:18:07	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	49682	No
60	GOM_TRA_1PNPDK20110830_192026_000000543106_00099_49682_8209.N1	30-AUG-2011 19:20:26	Dark	53.500	139	9Bet Lep	2.8330	5600.0	107	49682	No
61	GOM_TRA_1PNPDK20110830_193507_000000403106_00100_49683_8210.N1	30-AUG-2011 19:35:07	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	49683	No
62	GOM_TRA_1PNPDK20110830_193623_000000443106_00100_49683_8211.N1	30-AUG-2011 19:36:23	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49683	No
63	GOM_TRA_1PNPDE20110830_194220_000000573106_00100_49683_0913.N1	30-AUG-2011 19:42:20	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49683	No
64	GOM_TRA_1PNPDE20110830_194827_000000503106_00100_49683_0914.N1	30-AUG-2011 19:48:27	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	49683	No
65	GOM_TRA_1PNPDE20110830_195322_000000453106_00100_49683_0915.N1	30-AUG-2011 19:53:22	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	49683	No
66	GOM_TRA_1PNPDE20110830_195752_000000393106_00100_49683_0916.N1	30-AUG-2011 19:57:52	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	49683	No
67	GOM_TRA_1PNPDE20110830_200051_000000393106_00100_49683_0917.N1	30-AUG-2011 20:00:51	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	49683	No
68	GOM_TRA_1PNPDE20110830_200756_000000433106_00100_49683_0918.N1	30-AUG-2011 20:07:56	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	49683	No
69	GOM_TRA_1PNPDE20110830_201548_000000383106_00100_49683_0919.N1	30-AUG-2011 20:15:48	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49683	No
70	GOM_TRA_1PNPDE20110830_201836_000000463106_00100_49683_0920.N1	30-AUG-2011 20:18:36	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	49683	No
71	GOM_TRA_1PNPDE20110830_202043_000000473106_00100_49683_0921.N1	30-AUG-2011 20:20:43	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	49683	No
72	GOM_TRA_1PNPDE20110830_203614_000000473106_00100_49683_0922.N1	30-AUG-2011 20:36:14	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	49683	No
73	GOM_TRA_1PNPDE20110830_203903_000000493106_00100_49683_0923.N1	30-AUG-2011 20:39:03	Bright	48.500	107	37The Aur	2.6490	11000.	97	49683	No
74	GOM_TRA_1PNPDE20110830_204121_000000393106_00100_49683_0924.N1	30-AUG-2011 20:41:21	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	49683	No
75	GOM_TRA_1PNPDE20110830_204410_000000583106_00100_49683_0925.N1	30-AUG-2011 20:44:10	Twilight	57.500	151	13Mu Gem	2.8900	3000.0	115	49683	No

76	GOM_TRA_1PNPDE20110830_204555_000000493106_00100_49683_0926.N1	30-AUG-2011 20:45:55	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	49683	No
77	GOM_TRA_1PNPDE20110830_204759_000000463106_00100_49683_0927.N1	30-AUG-2011 20:47:59	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	49683	No
78	GOM_TRA_1PNPDE20110830_205536_000000483106_00100_49683_0933.N1	30-AUG-2011 20:55:36	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	49683	No
79	GOM_TRA_1PNPDE20110830_205821_000000453106_00100_49683_0934.N1	30-AUG-2011 20:58:21	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	49683	No
80	GOM_TRA_1PNPDE20110830_210041_000000583106_00100_49683_0935.N1	30-AUG-2011 21:00:41	Dark	57.500	139	9Bet Lep	2.8330	5600.0	115	49683	No
81	GOM_TRA_1PNPDE20110830_211521_000000413106_00101_49684_0936.N1	30-AUG-2011 21:15:21	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	49684	No
82	GOM_TRA_1PNPDE20110830_211638_000000463106_00101_49684_0937.N1	30-AUG-2011 21:16:38	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49684	No
83	GOM_TRA_1PNPDE20110830_212234_000000523106_00101_49684_0938.N1	30-AUG-2011 21:22:34	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49684	No
84	GOM_TRA_1PNPDE20110830_212841_000000483106_00101_49684_0939.N1	30-AUG-2011 21:28:41	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	49684	No
85	GOM_TRA_1PNPDE20110830_213806_000000413106_00101_49684_0940.N1	30-AUG-2011 21:38:06	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	49684	No
86	GOM_TRA_1PNPDE20110830_214105_000000393106_00101_49684_0941.N1	30-AUG-2011 21:41:05	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	49684	No
87	GOM_TRA_1PNPDE20110830_214810_000000453106_00101_49684_0942.N1	30-AUG-2011 21:48:10	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	49684	No
88	GOM_TRA_1PNPDE20110830_215602_000000383106_00101_49684_0943.N1	30-AUG-2011 21:56:02	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49684	No
89	GOM_TRA_1PNPDE20110830_215849_000000463106_00101_49684_0944.N1	30-AUG-2011 21:58:49	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	49684	No
90	GOM_TRA_1PNPDE20110830_220057_000000473106_00101_49684_0945.N1	30-AUG-2011 22:00:57	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	49684	No
91	GOM_TRA_1PNPDE20110830_221628_000000473106_00101_49684_0946.N1	30-AUG-2011 22:16:28	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	49684	No
92	GOM_TRA_1PNPDE20110830_221917_000000483106_00101_49684_0947.N1	30-AUG-2011 22:19:17	Bright	48.000	107	37The Aur	2.6490	11000.	96	49684	No
93	GOM_TRA_1PNPDE20110830_222135_000000373106_00101_49684_0948.N1	30-AUG-2011 22:21:35	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	49684	No
94	GOM_TRA_1PNPDE20110830_222424_000000553106_00101_49684_0949.N1	30-AUG-2011 22:24:24	Twilight	54.500	151	13Mu Gem	2.8900	3000.0	109	49684	No
95	GOM_TRA_1PNPDE20110830_222610_000000513106_00101_49684_0950.N1	30-AUG-2011 22:26:10	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	49684	No
96	GOM_TRA_1PNPDE20110830_222813_000000443106_00101_49684_0951.N1	30-AUG-2011 22:28:13	Twilight	43.500	8	10Alp CMi	0.40000	6500.0	87	49684	No
97	GOM_TRA_1PNPDE20110830_223550_000000513106_00101_49684_0961.N1	30-AUG-2011 22:35:50	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	49684	No
98	GOM_TRA_1PNPDE20110830_223836_000000463106_00101_49684_0962.N1	30-AUG-2011 22:38:36	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	49684	No
99	GOM_TRA_1PNPDE20110830_224056_000000553106_00101_49684_0963.N1	30-AUG-2011 22:40:56	Dark	55.000	139	9Bet Lep	2.8330	5600.0	110	49684	No
100	GOM_TRA_1PNPDE20110830_225536_000000413106_00102_49685_0964.N1	30-AUG-2011 22:55:36	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	49685	No
101	GOM_TRA_1PNPDE20110830_225652_000000453106_00102_49685_0965.N1	30-AUG-2011 22:56:52	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49685	No
102	GOM_TRA_1PNPDE20110830_230248_000000473106_00102_49685_0966.N1	30-AUG-2011 23:02:48	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	49685	No
103	GOM_TRA_1PNPDE20110830_230855_000000493106_00102_49685_0967.N1	30-AUG-2011 23:08:55	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	49685	No
104	GOM_TRA_1PNPDE20110830_231820_000000413106_00102_49685_0968.N1	30-AUG-2011 23:18:20	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	49685	No
105	GOM_TRA_1PNPDE20110830_232119_000000393106_00102_49685_0969.N1	30-AUG-2011 23:21:19	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	49685	No
106	GOM_TRA_1PNPDE20110830_232823_000000443106_00102_49685_0970.N1	30-AUG-2011 23:28:23	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	49685	No
107	GOM_TRA_1PNPDE20110830_233616_000000343106_00102_49685_0971.N1	30-AUG-2011 23:36:16	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	49685	No
108	GOM_TRA_1PNPDE20110830_233903_000000453106_00102_49685_0972.N1	30-AUG-2011 23:39:03	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	49685	No
109	GOM_TRA_1PNPDE20110830_234110_000000473106_00102_49685_0973.N1	30-AUG-2011 23:41:10	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	49685	No
110	GOM_TRA_1PNPDE20110830_235642_000000663106_00102_49685_0974.N1	30-AUG-2011 23:56:42	Bright	66.000	42	34Bet Aur	1.9000	10200.	132	49685	No
111	GOM_TRA_1PNPDE20110830_235931_000000483106_00102_49685_0975.N1	30-AUG-2011 23:59:31	Bright	47.500	107	37The Aur	2.6490	11000.	95	49685	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).

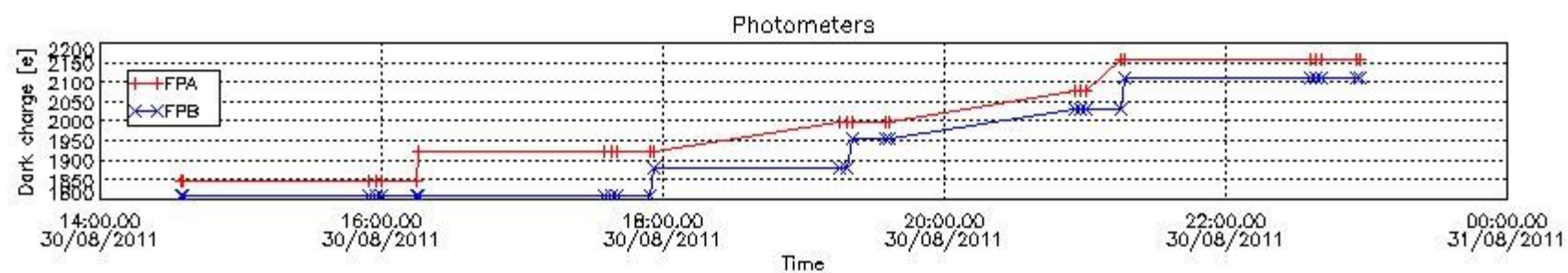
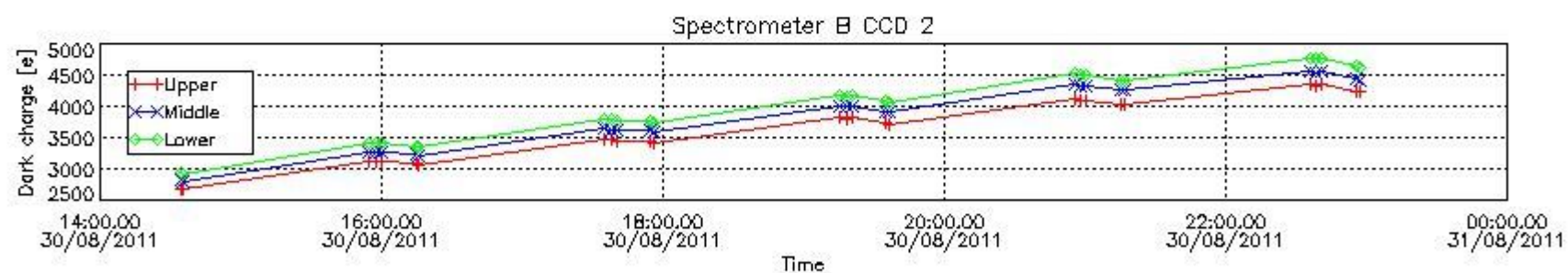
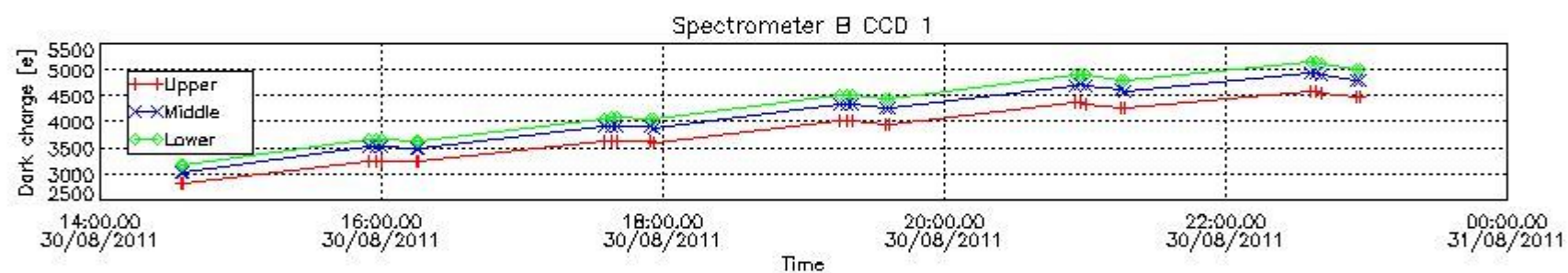
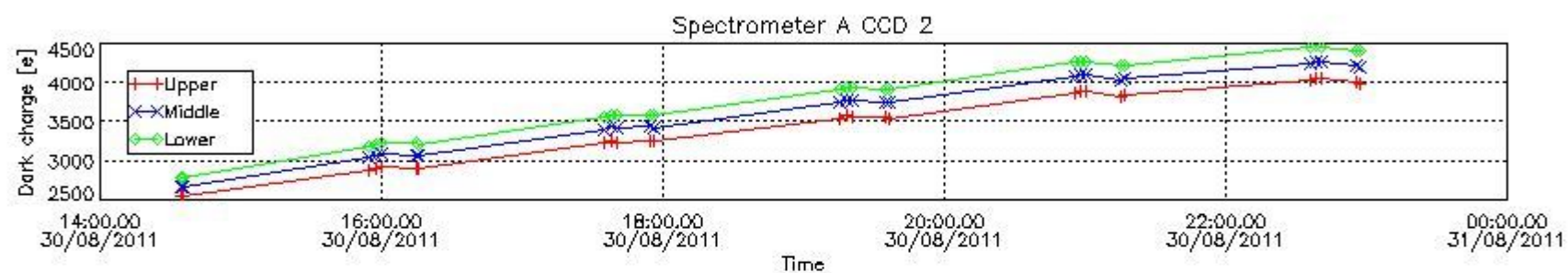
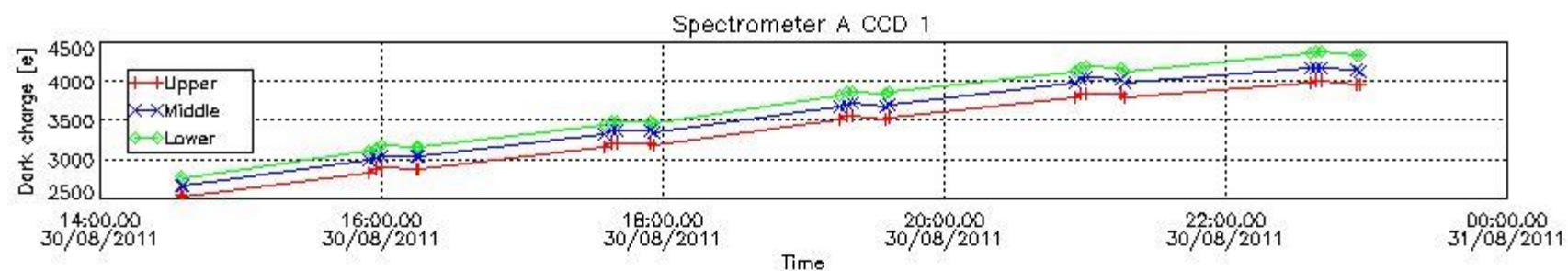
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDK20110830_143423_000000413106_00097_49680_8027.N1	DC map used
GOM_TRA_1PNPDK20110830_143540_000000443106_00097_49680_8028.N1	DC map used
GOM_TRA_1PNPDK20110830_144136_000000543106_00097_49680_8029.N1	DC map used
GOM_TRA_1PNPDK20110830_144744_000000493106_00097_49680_8030.N1	DC map used
GOM_TRA_1PNPDE20110830_194220_000000573106_00100_49683_0913.N1	DC map used
GOM_TRA_1PNPDE20110830_194827_000000503106_00100_49683_0914.N1	DC map used
GOM_TRA_1PNPDE20110830_195322_000000453106_00100_49683_0915.N1	DC map used
GOM_TRA_1PNPDE20110830_195752_000000393106_00100_49683_0916.N1	DC map used
GOM_TRA_1PNPDE20110830_200051_000000393106_00100_49683_0917.N1	DC map used
GOM_TRA_1PNPDE20110830_200756_000000433106_00100_49683_0918.N1	DC map used
GOM_TRA_1PNPDE20110830_201548_000000383106_00100_49683_0919.N1	DC map used
GOM_TRA_1PNPDE20110830_201836_000000463106_00100_49683_0920.N1	DC map used
GOM_TRA_1PNPDE20110830_202043_000000473106_00100_49683_0921.N1	DC map used
GOM_TRA_1PNPDE20110830_203614_000000473106_00100_49683_0922.N1	DC map used

GOM_TRA_1PNPDE20110830_203903_000000493106_00100_49683_0923.N1	DC map used
GOM_TRA_1PNPDE20110830_204121_000000393106_00100_49683_0924.N1	DC map used
GOM_TRA_1PNPDE20110830_204410_000000583106_00100_49683_0925.N1	DC map used
GOM_TRA_1PNPDE20110830_204555_000000493106_00100_49683_0926.N1	DC map used
GOM_TRA_1PNPDE20110830_204759_000000463106_00100_49683_0927.N1	DC map used

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

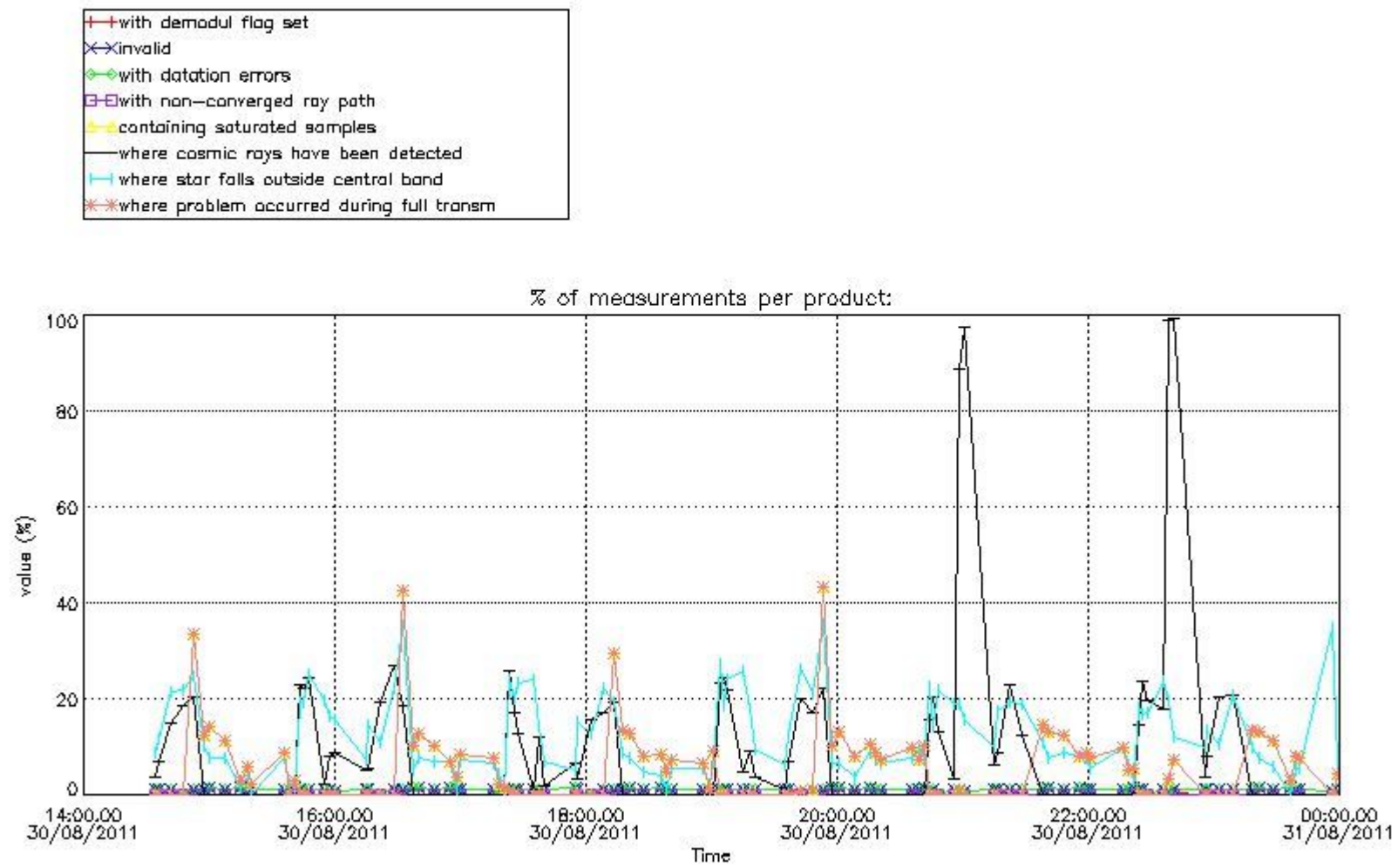


In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

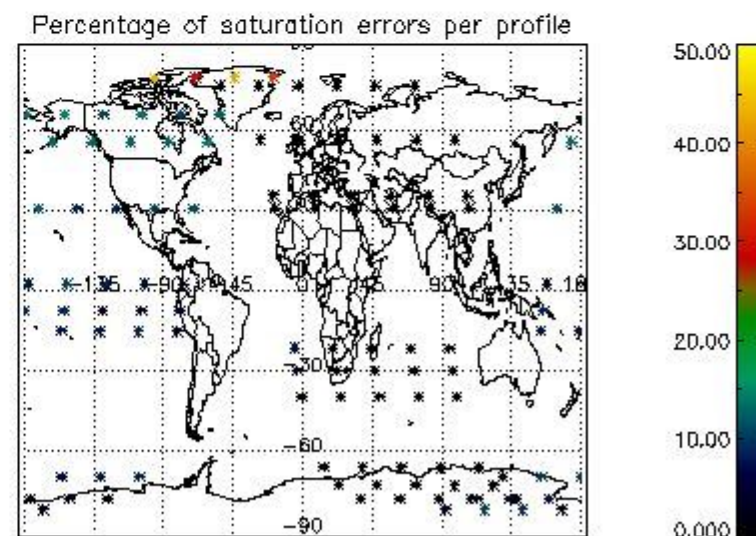
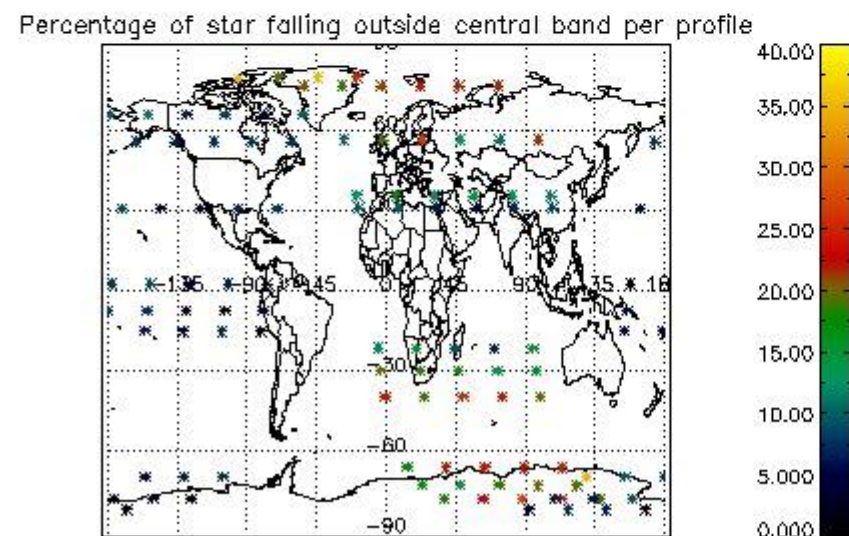
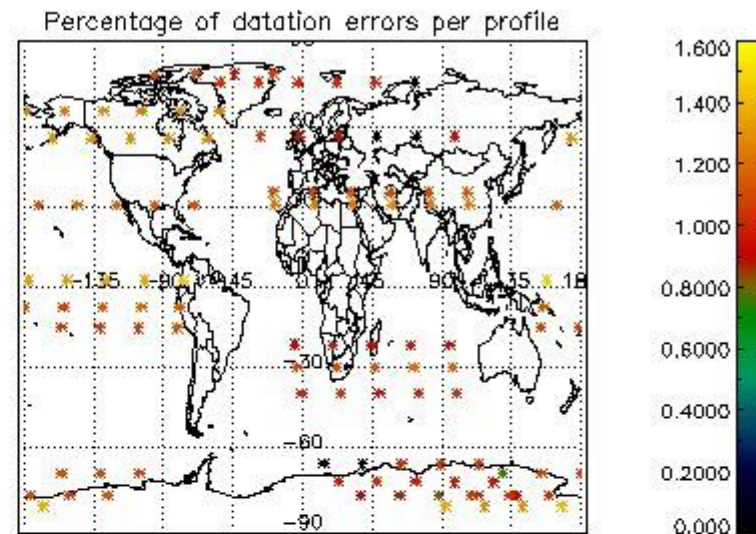
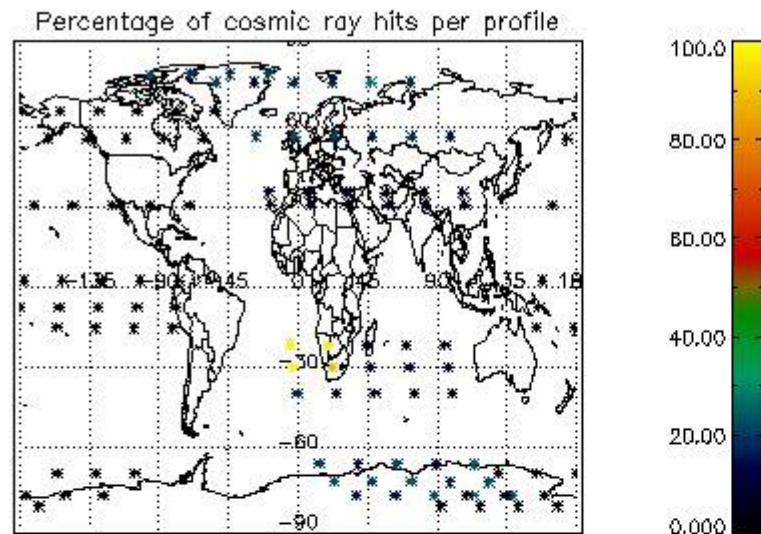
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	20.7207 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	51.3513 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



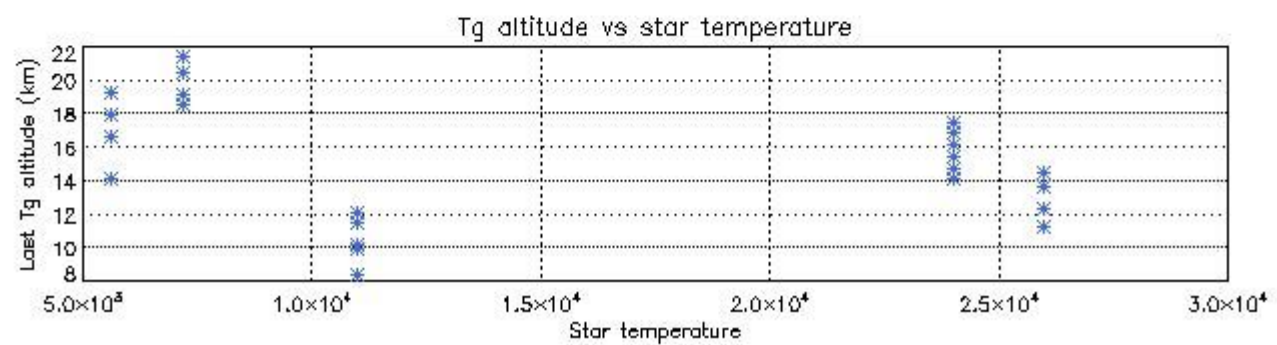
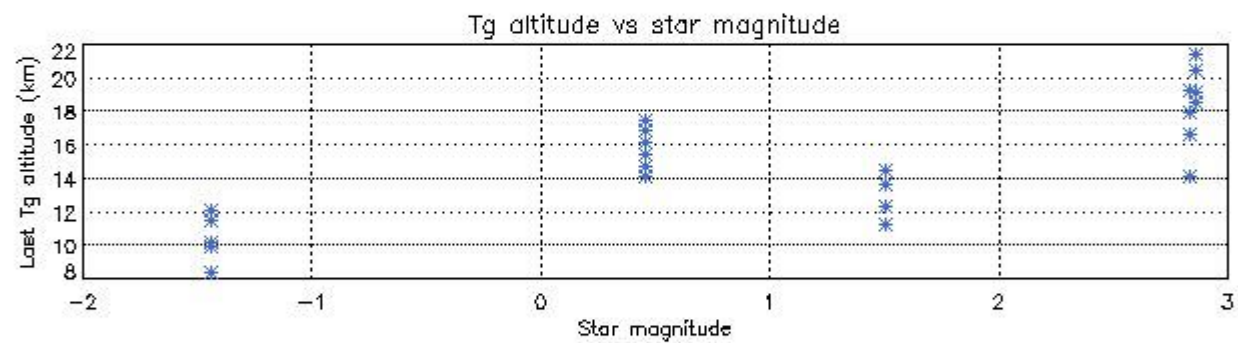
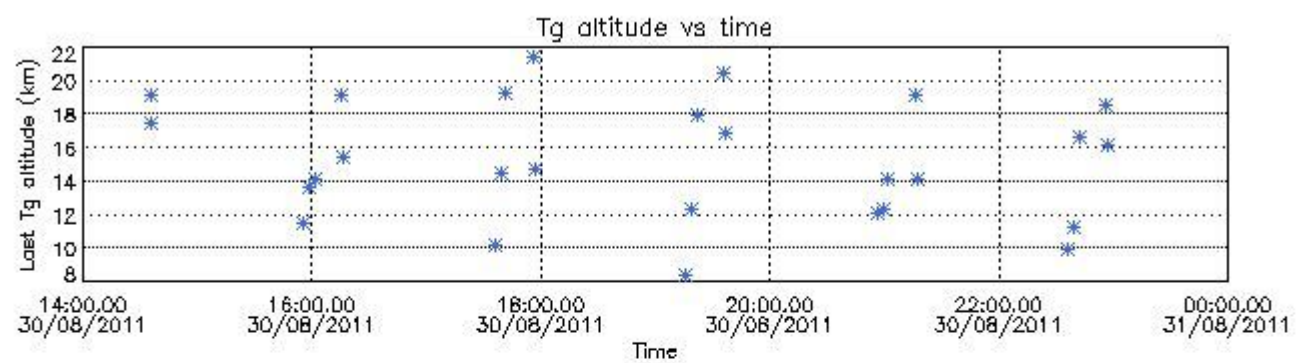
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.191	19.784	10.187
St. deviation:	3.5159	4.6890	1.4489
Maximum:	21.405	27.340	12.463
Minimum:	8.3117	3.9102	9.0500
Number of data:	27.000	57.000	5.0000

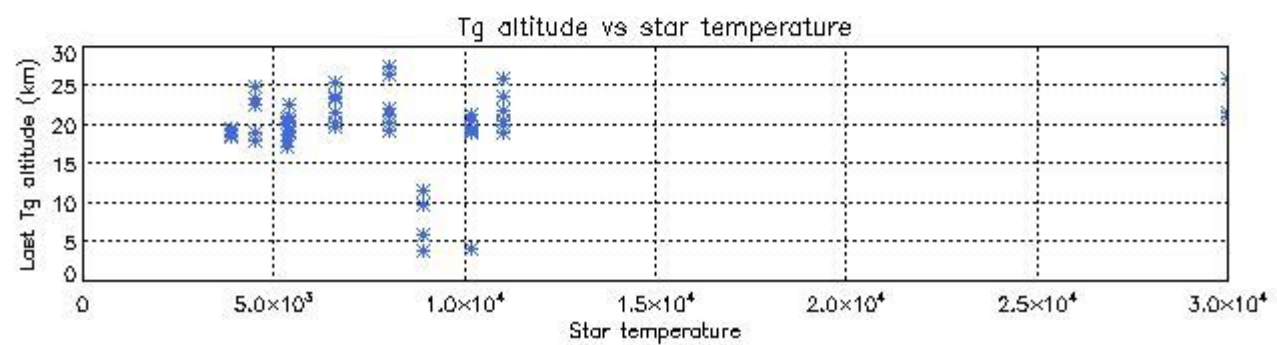
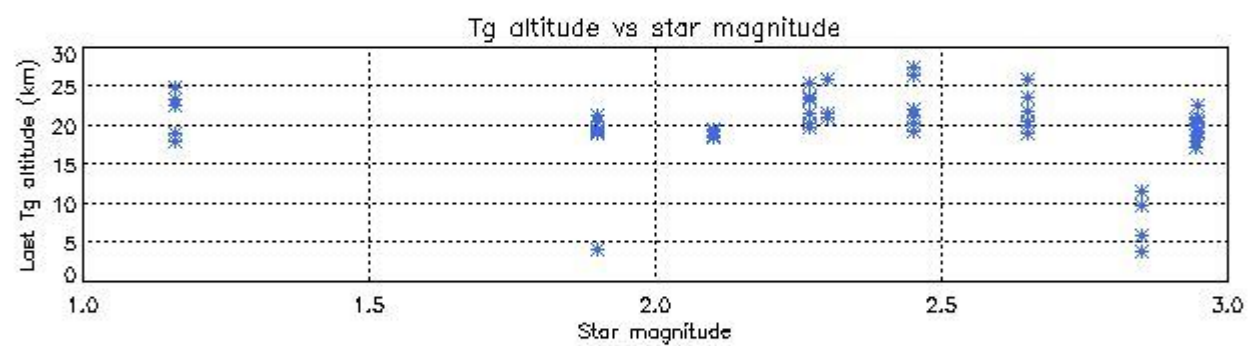
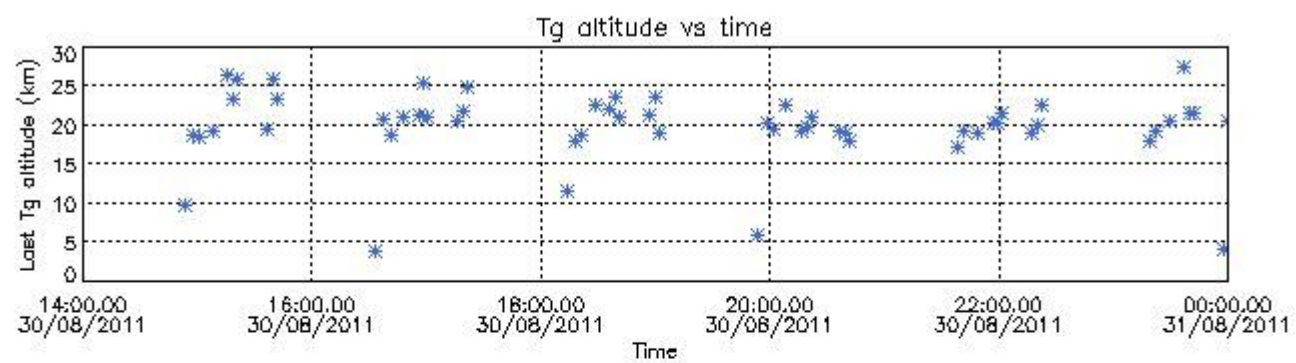
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



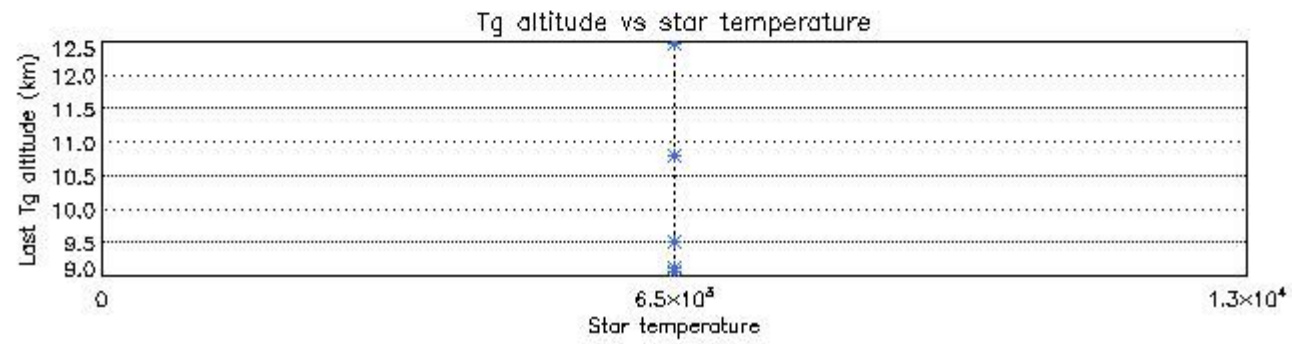
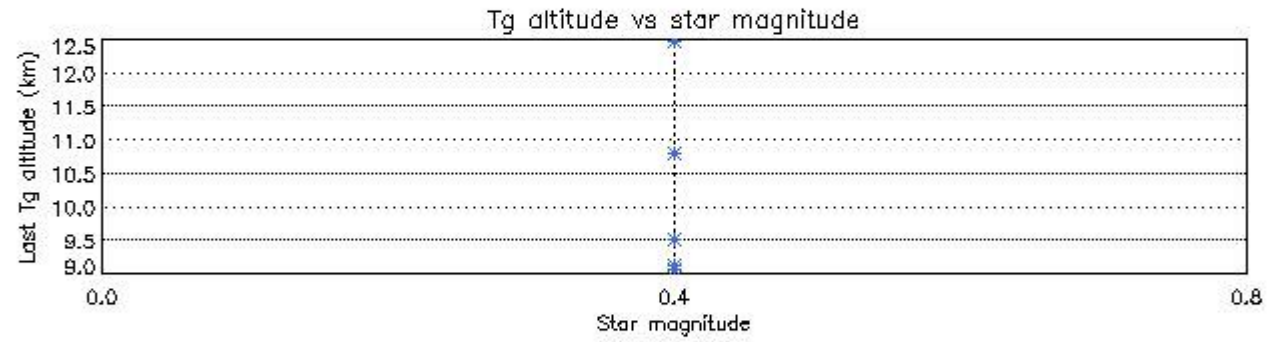
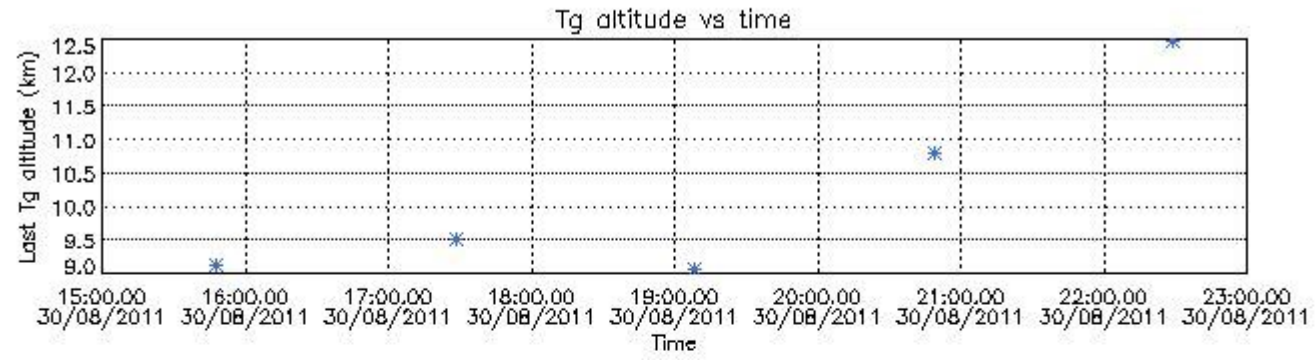
6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost



6.3 Plot for TWILIGHT limb products

Tangent altitude at which the star is lost

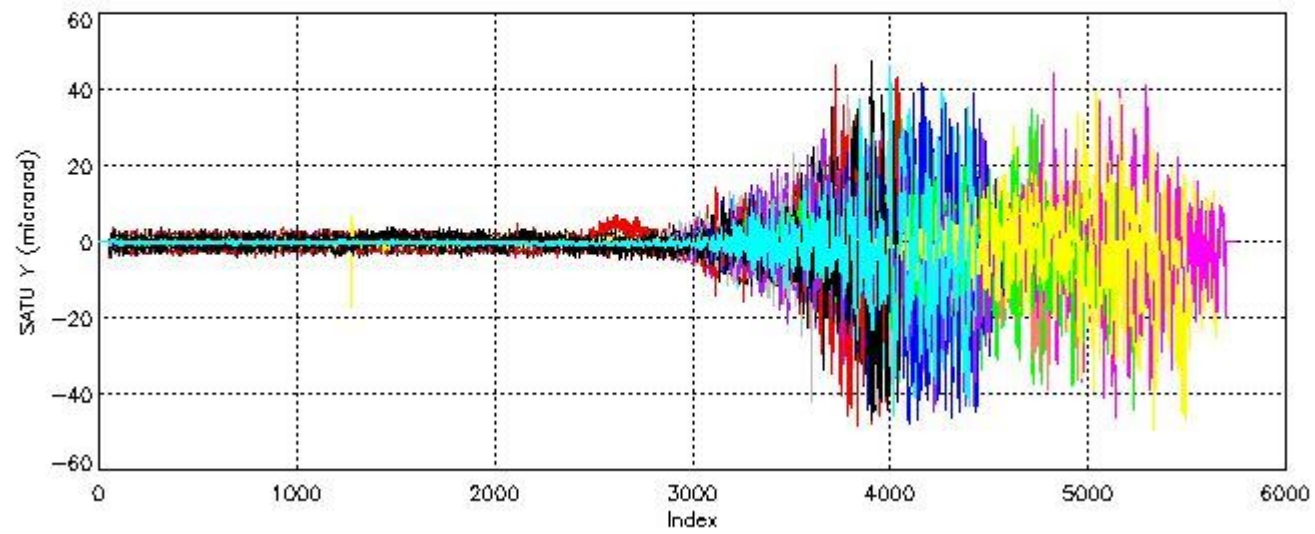
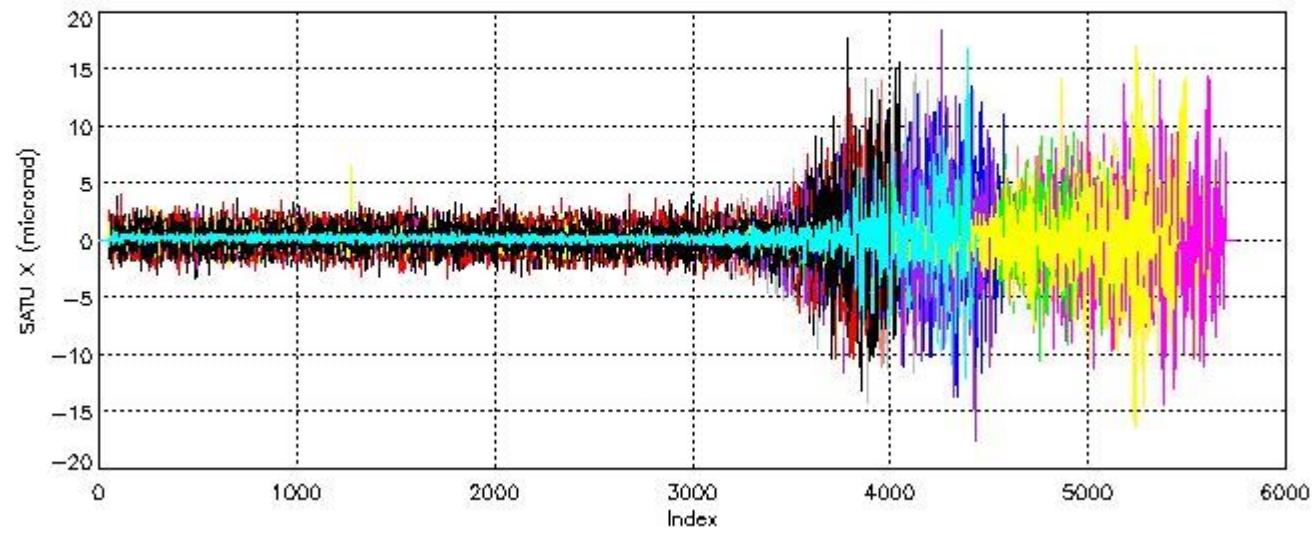


7. Star Acquisition and Tracking Unit (SATU)

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

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

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



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

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

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

7.2.1 SATU NEA Statistics (table)

Statistics	SATU X (D)	SATU Y (D)	SATU X (B)	SATU Y (B)
Mean:	0.18921	-0.24826	0.22224	-0.25894
St. deviation:	0.49274	0.65818	0.75506	0.88274
Maximum:	6.5000	6.6000	5.2000	4.8000
Minimum:	-3.4000	-17.600	-4.3000	-5.0000

Number of data:	27450.	27450.	55900.	55900.
90Percentile:	0.90000	0.60000	1.3000	0.90000

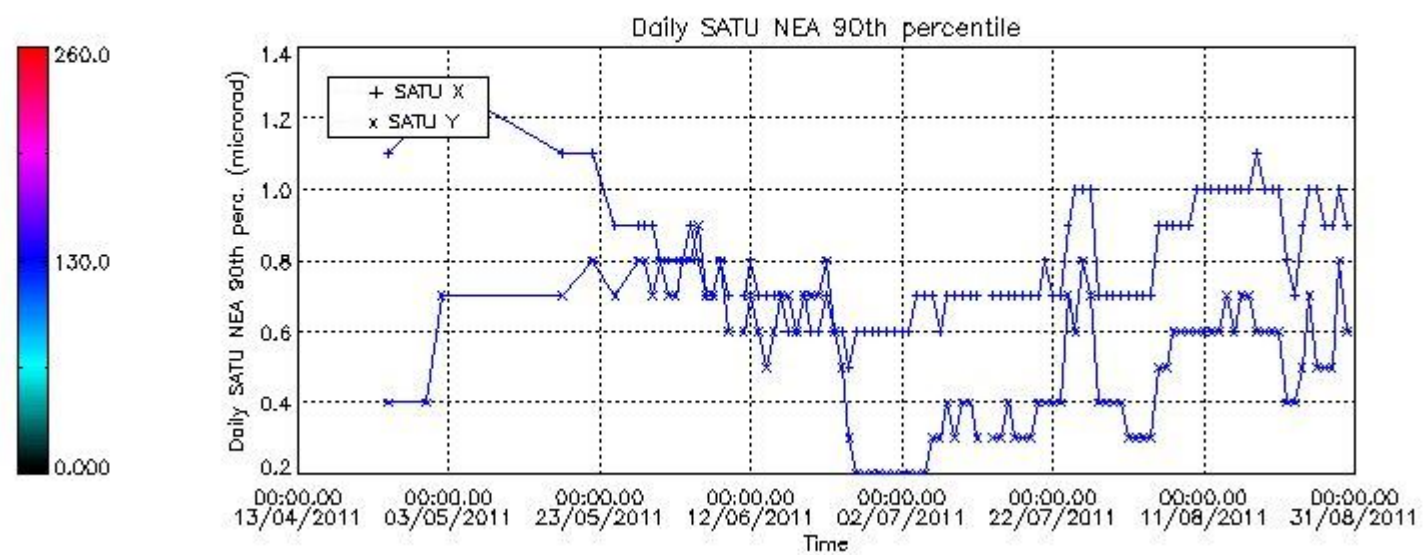
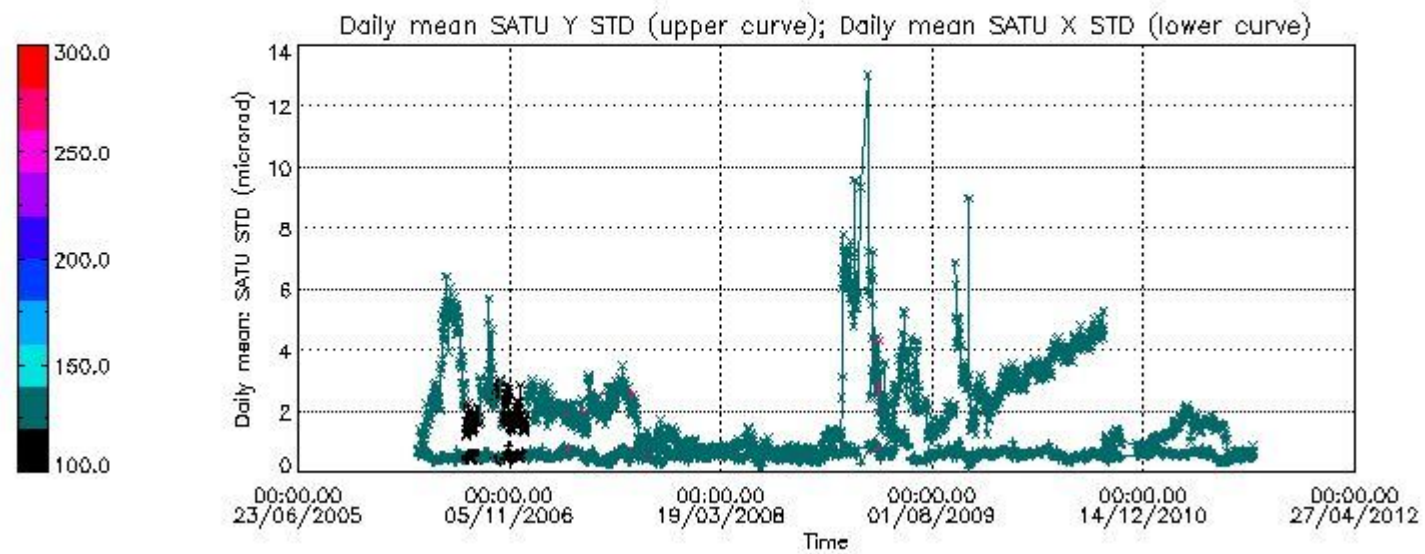
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

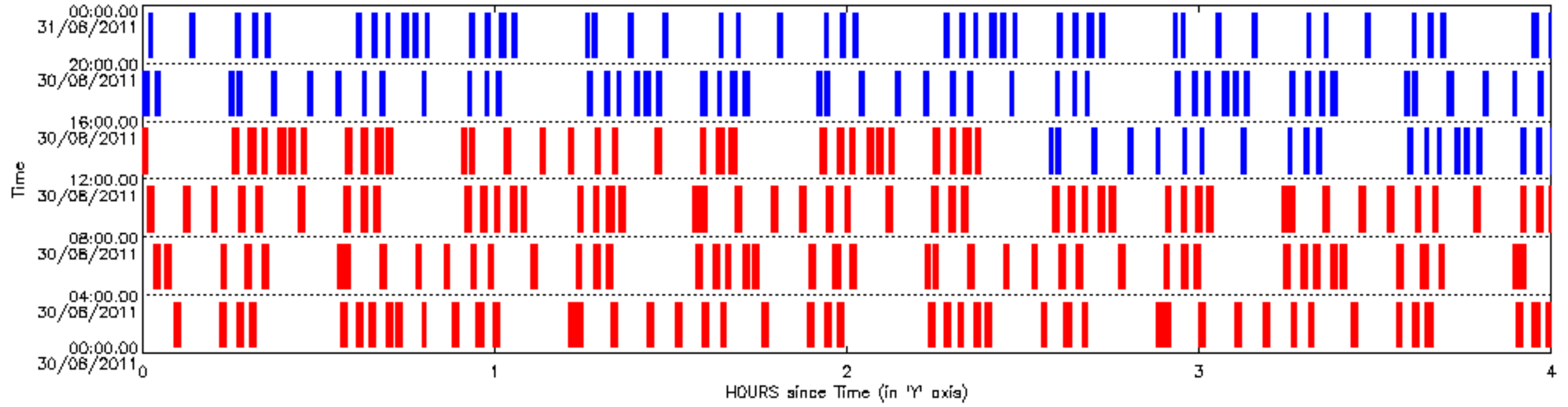
Lower curve: STD of SATU X axis

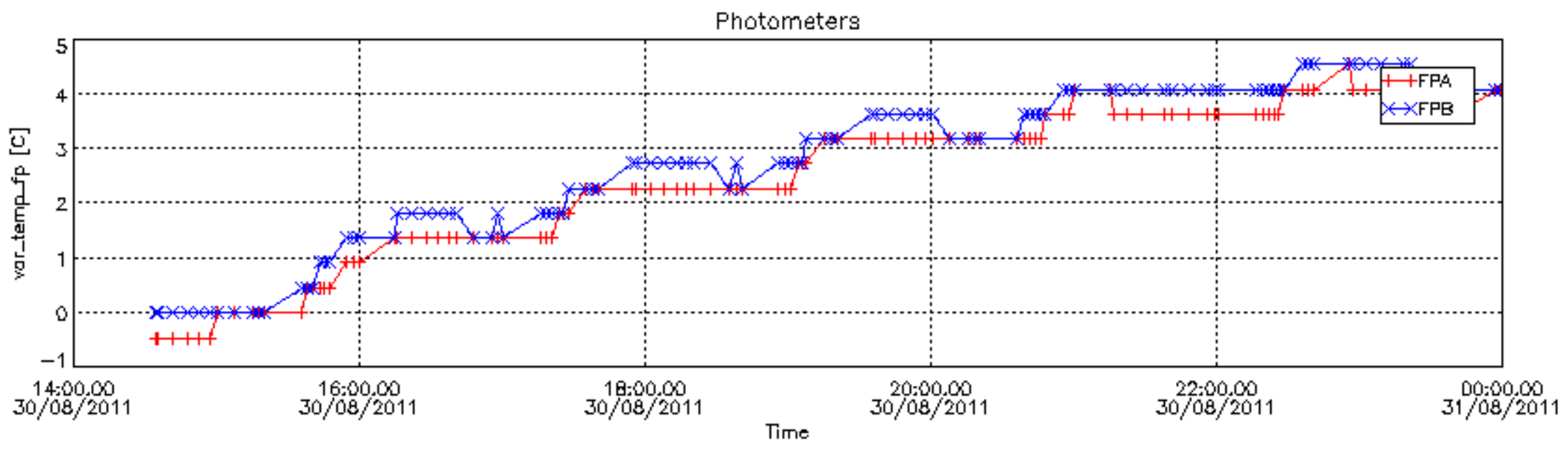
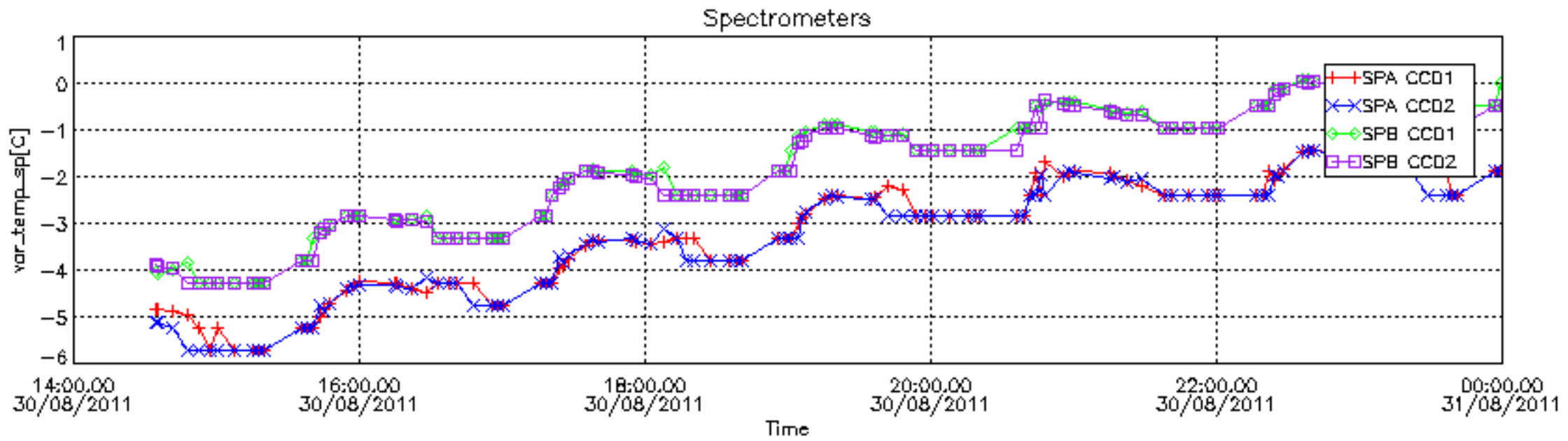


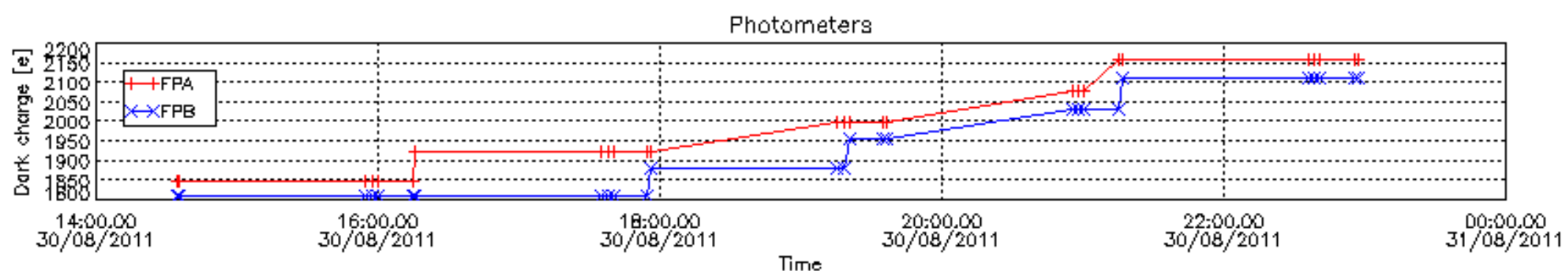
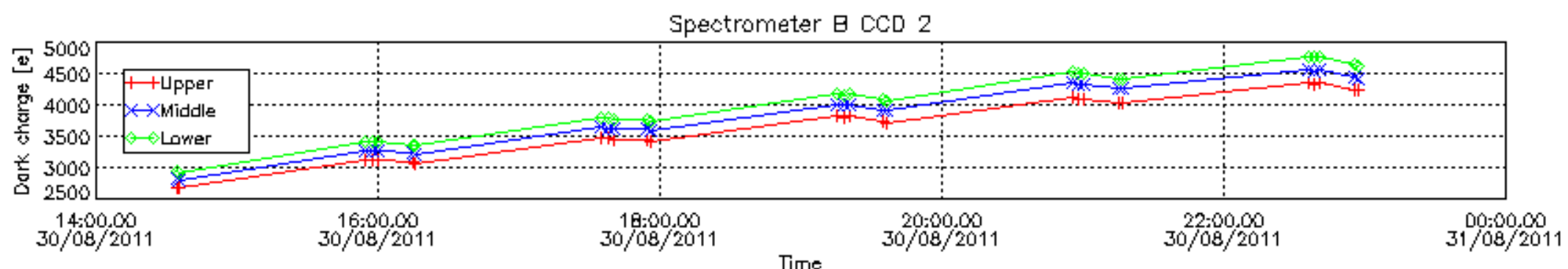
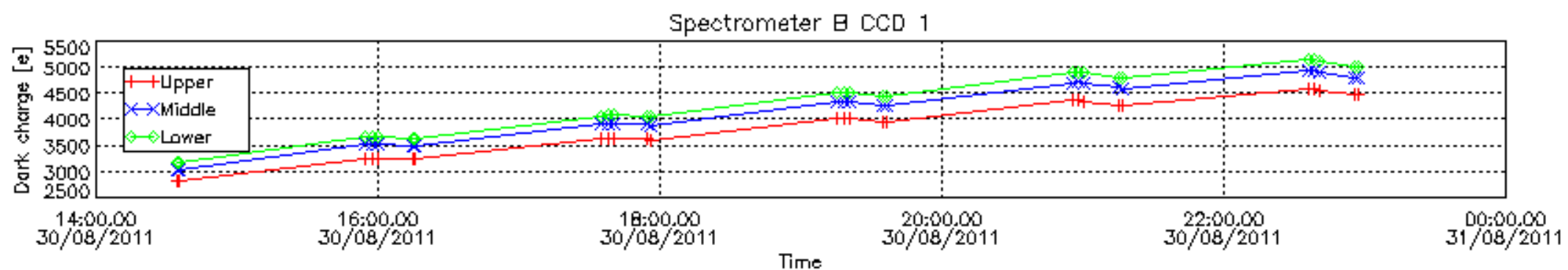
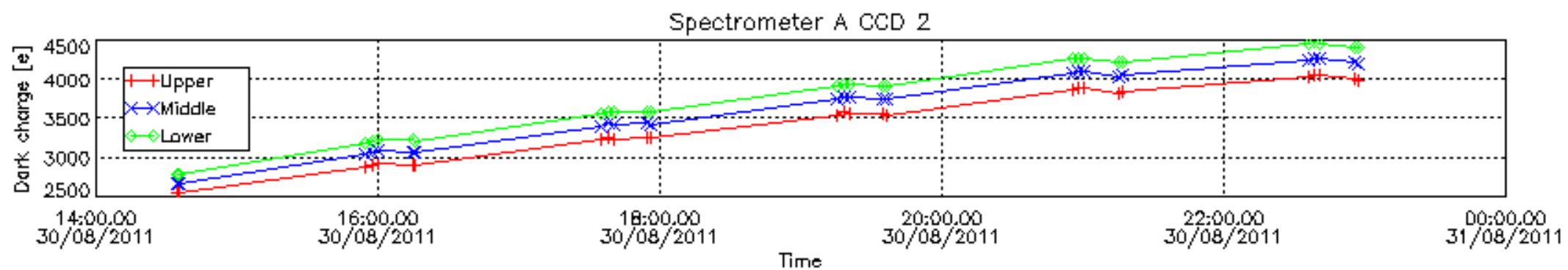
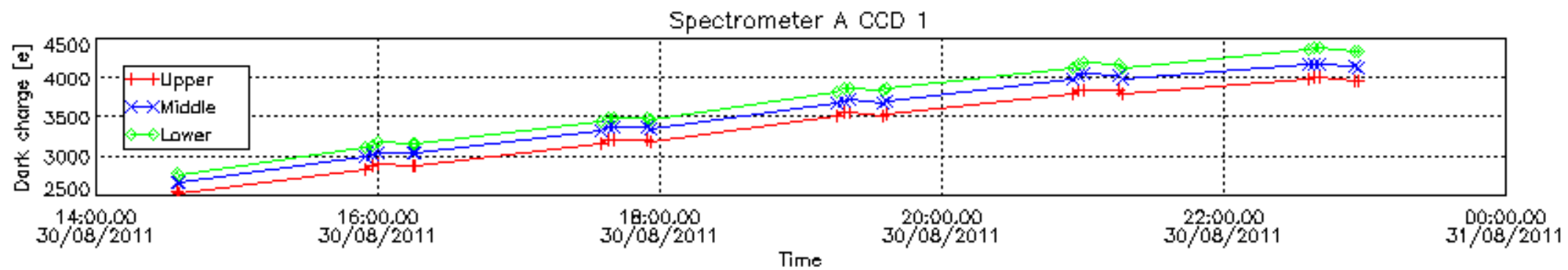
8. Auxiliary Data Files used for the production reported in section 2.4

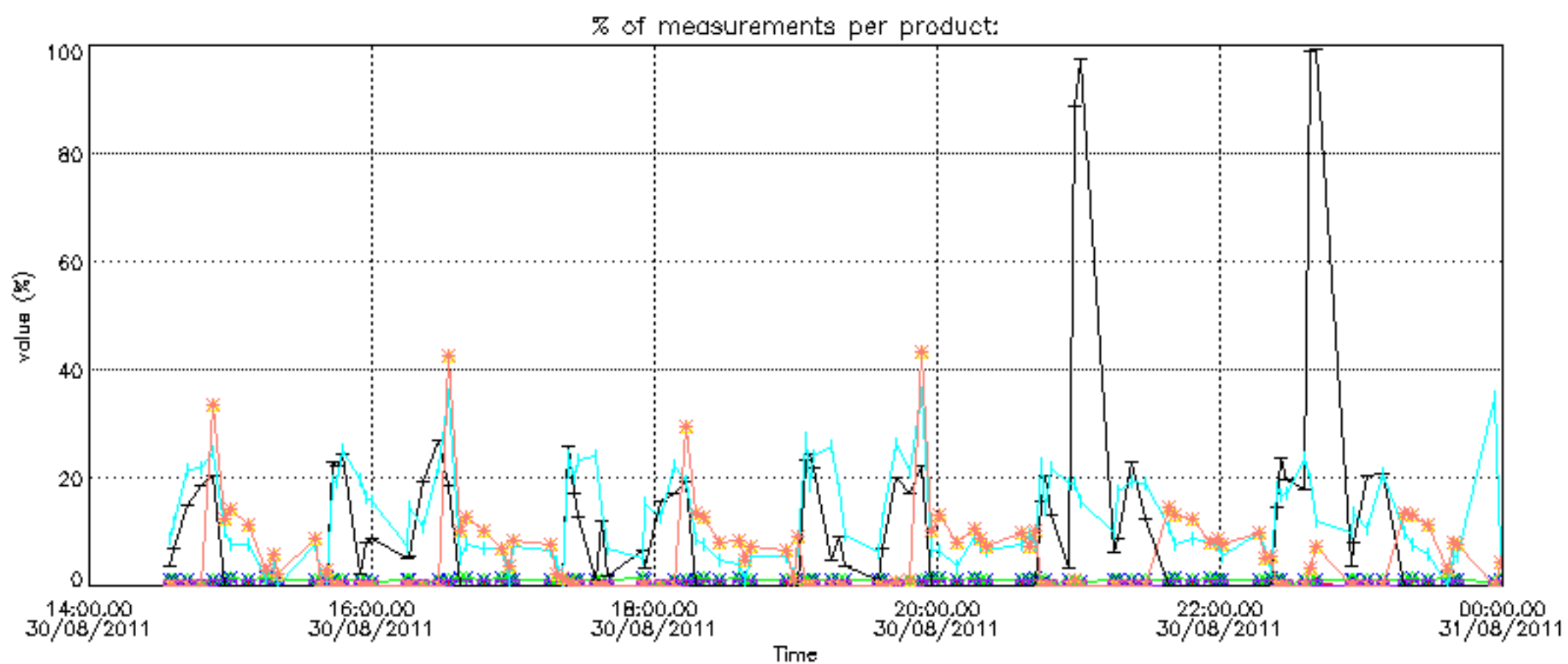
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-AUG-2011 14:34:23
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110823_153519_20110822_000000_20500101_000000	1	30-AUG-2011 14:34:23
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	30-AUG-2011 14:34:23
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	30-AUG-2011 14:34:23
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	30-AUG-2011 14:34:23
ECMWF_FILE	AUX_ECF_AXNECM20110830_062115_20110830_090000_20110830_210000	1	30-AUG-2011 14:34:23
ECMWF_FILE	AUX_ECF_AXNECM20110830_062116_20110830_150000_20110831_030000	24	30-AUG-2011 16:27:59
ECMWF_FILE	AUX_ECA_AXNECM20110830_182115_20110830_090000_20110830_210000	63	30-AUG-2011 19:42:20
ECMWF_FILE	AUX_ECF_AXNECM20110830_062116_20110830_150000_20110831_030000	78	30-AUG-2011 20:55:36
ECMWF_FILE	AUX_ECF_AXNECM20110830_062116_20110830_210000_20110831_090000	97	30-AUG-2011 22:35:50
OPTIONAL_ECMWF_FILE	MISSING	1	30-AUG-2011 14:34:23
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110830_102113_20110829_182259_20110908_203644	1	30-AUG-2011 14:34:23

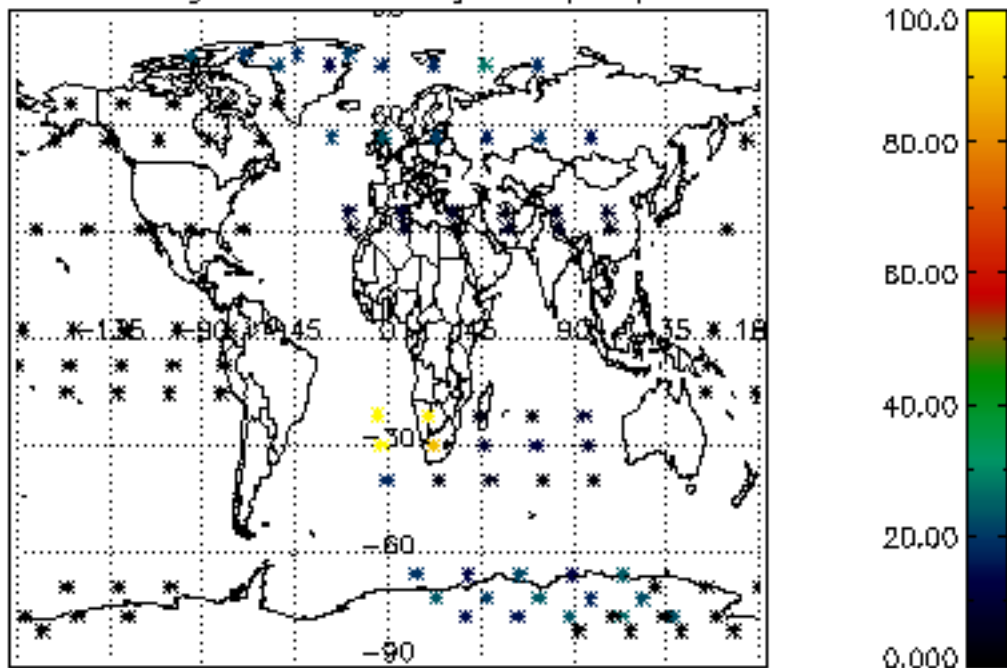




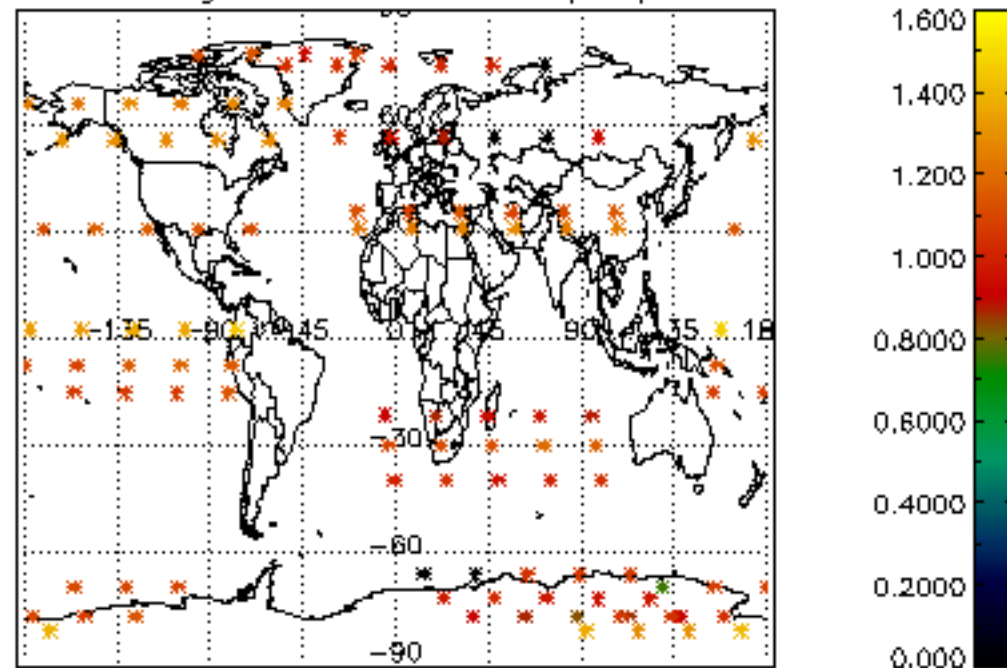




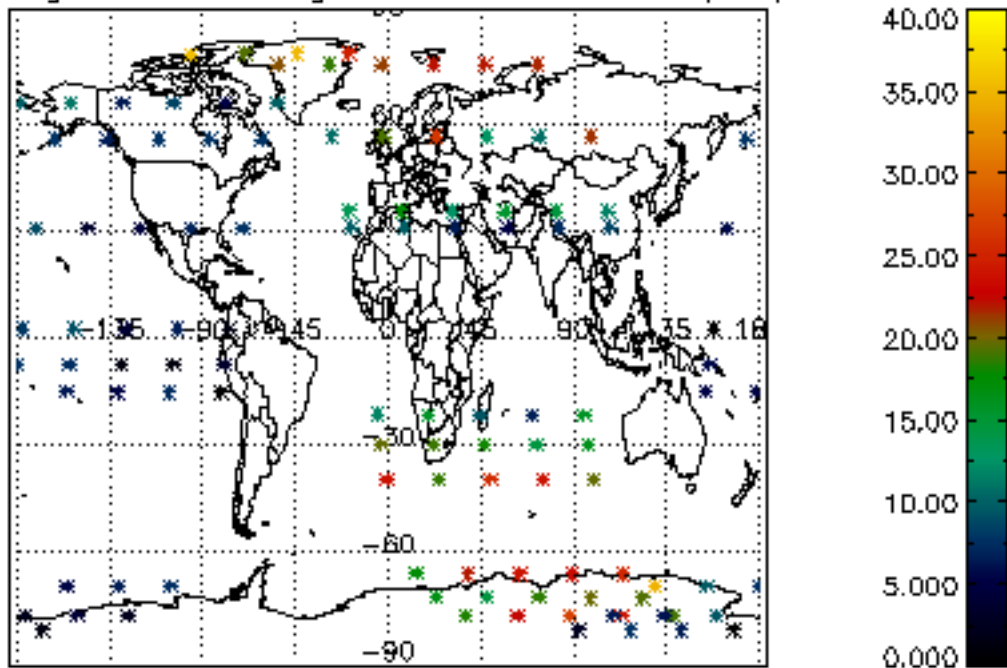
Percentage of cosmic ray hits per profile



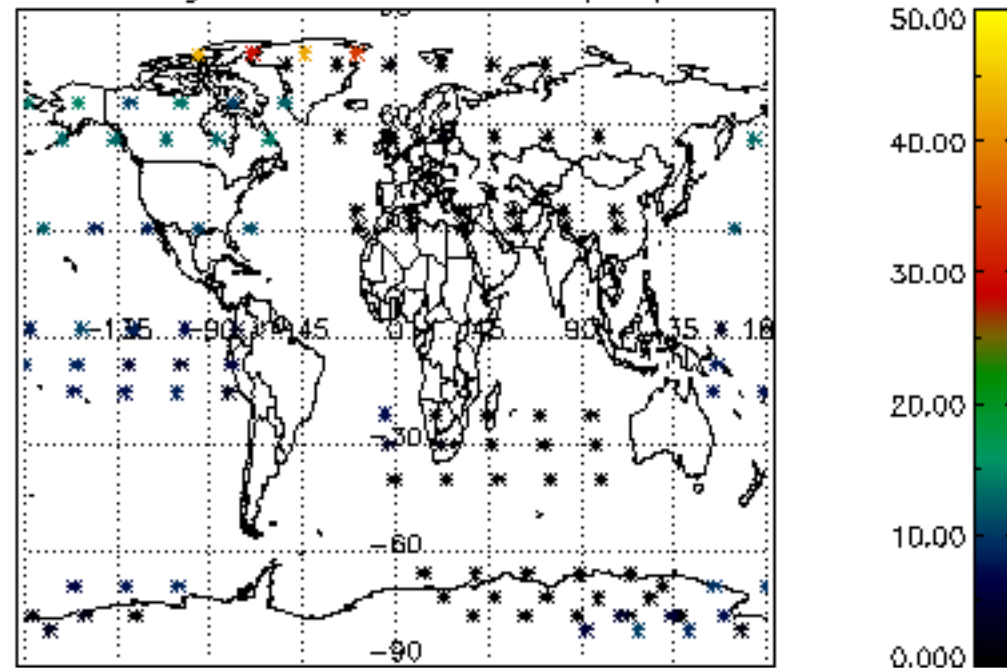
Percentage of datation errors per profile



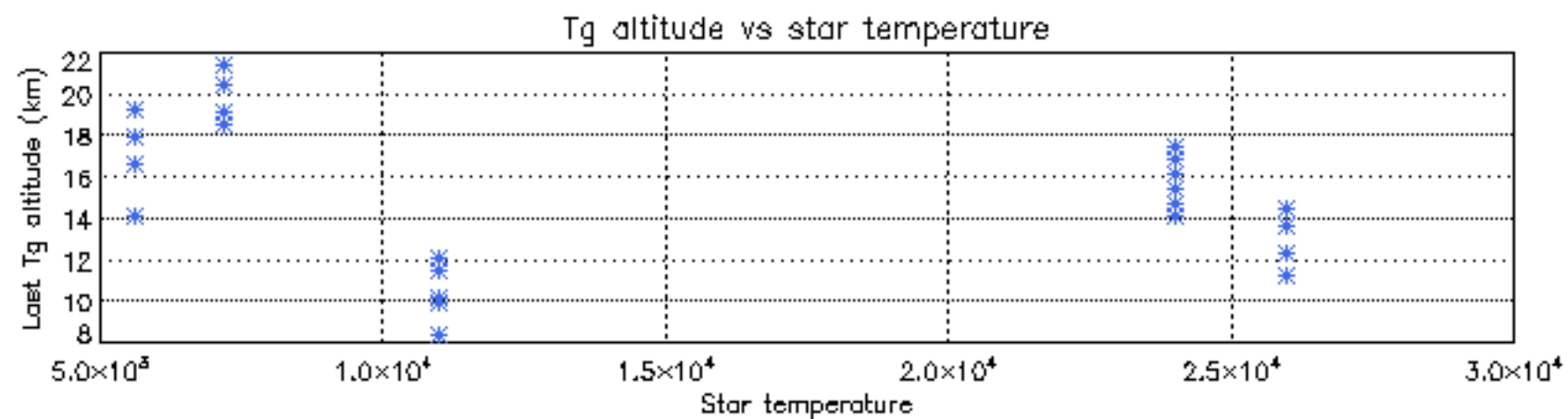
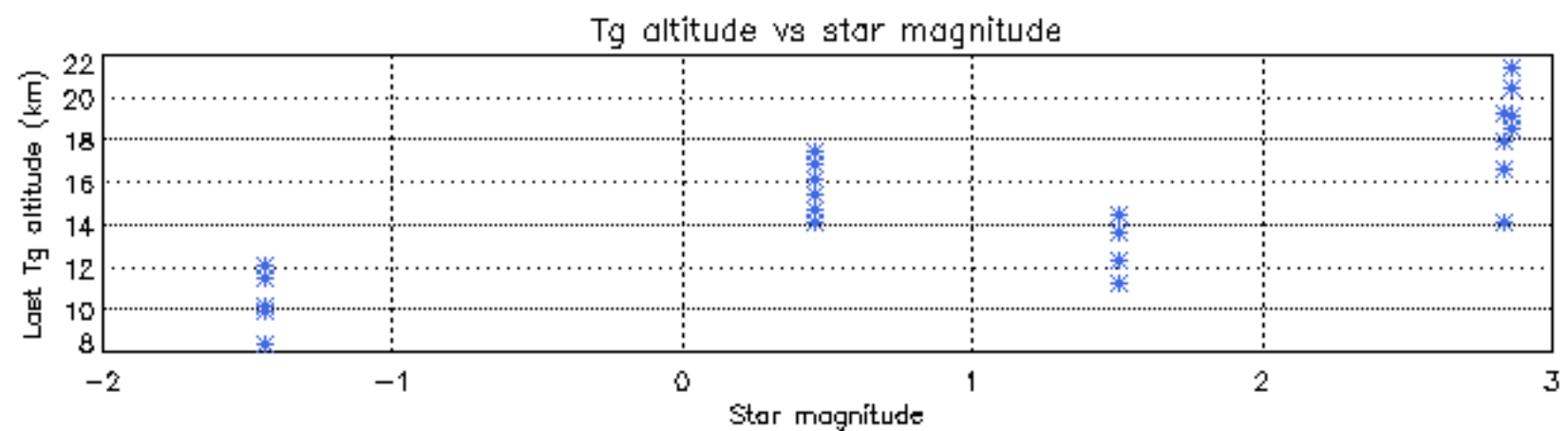
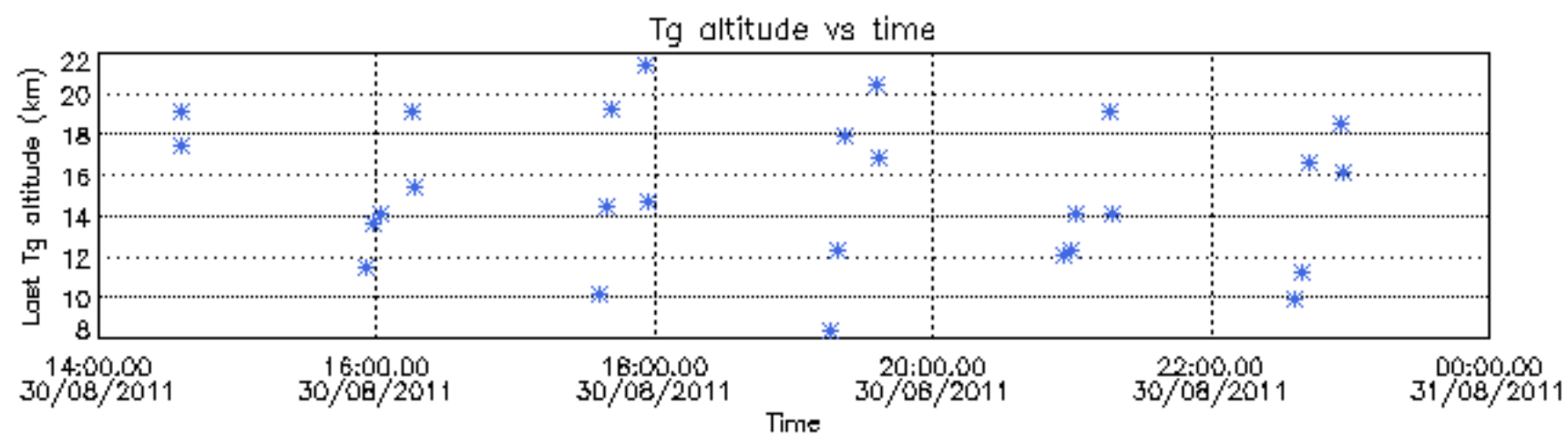
Percentage of star falling outside central band per profile



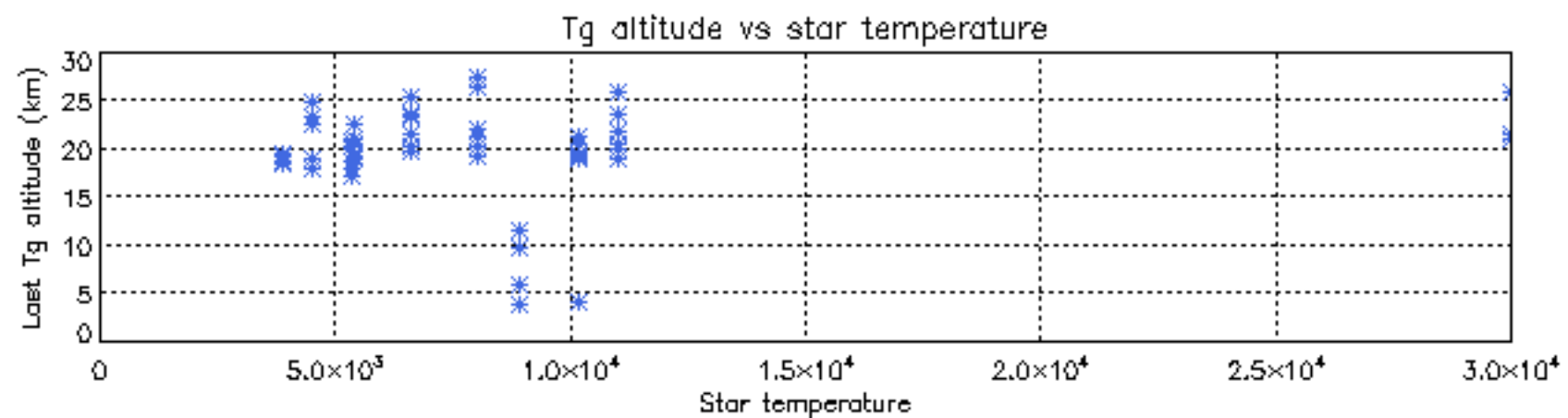
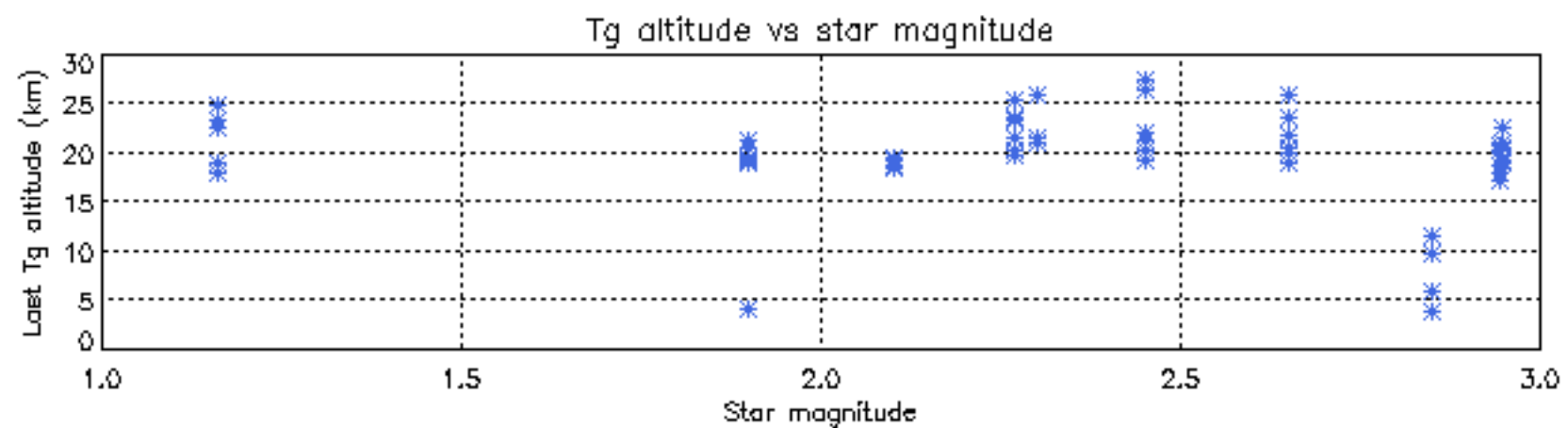
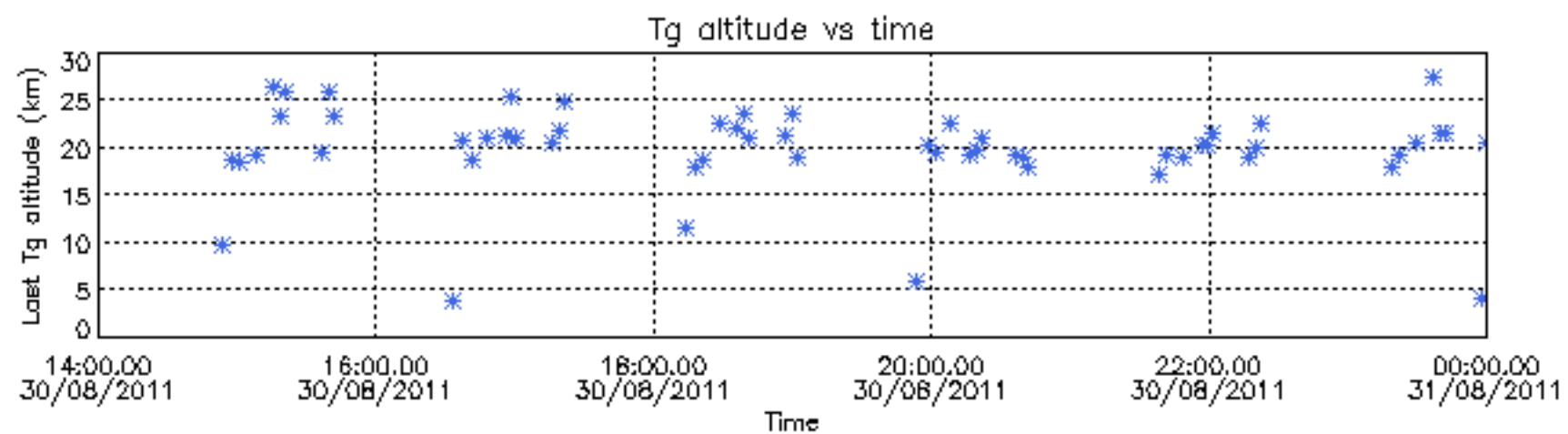
Percentage of saturation errors per profile



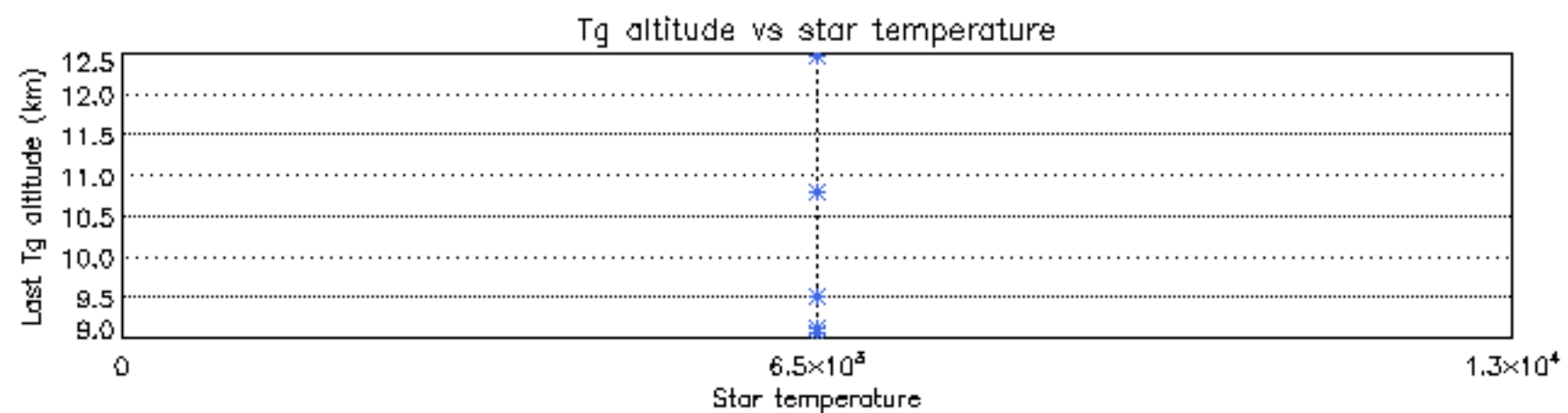
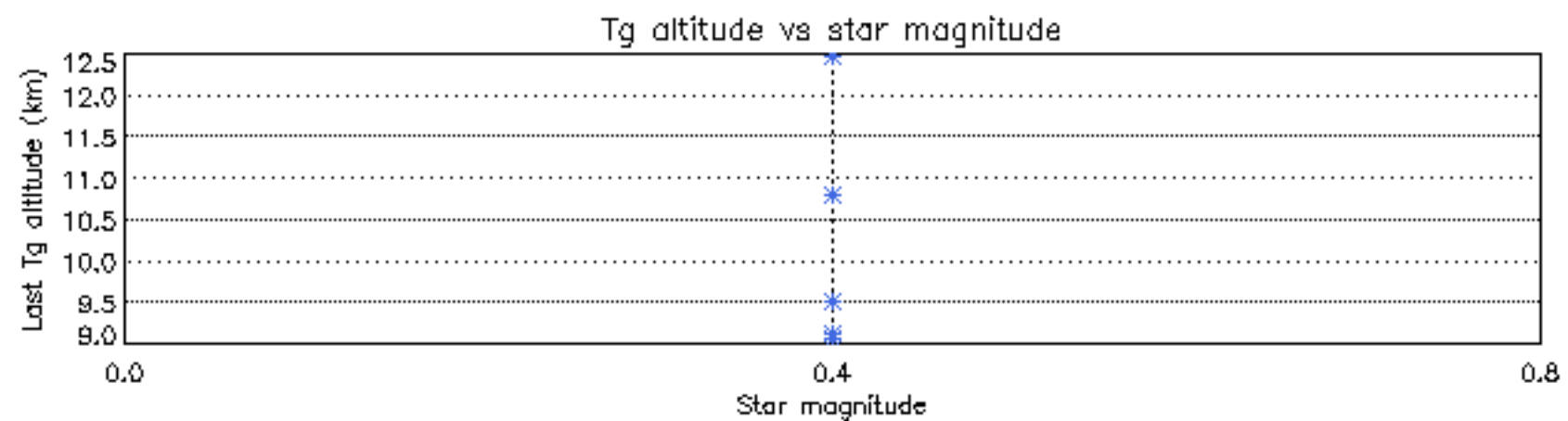
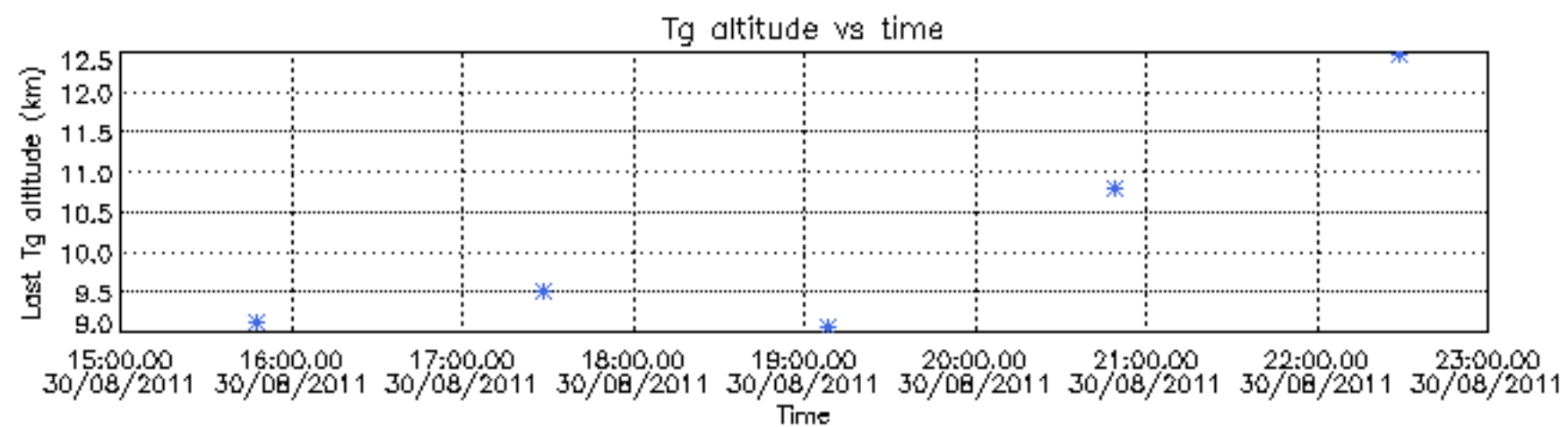
Tangent altitude at which the star is lost

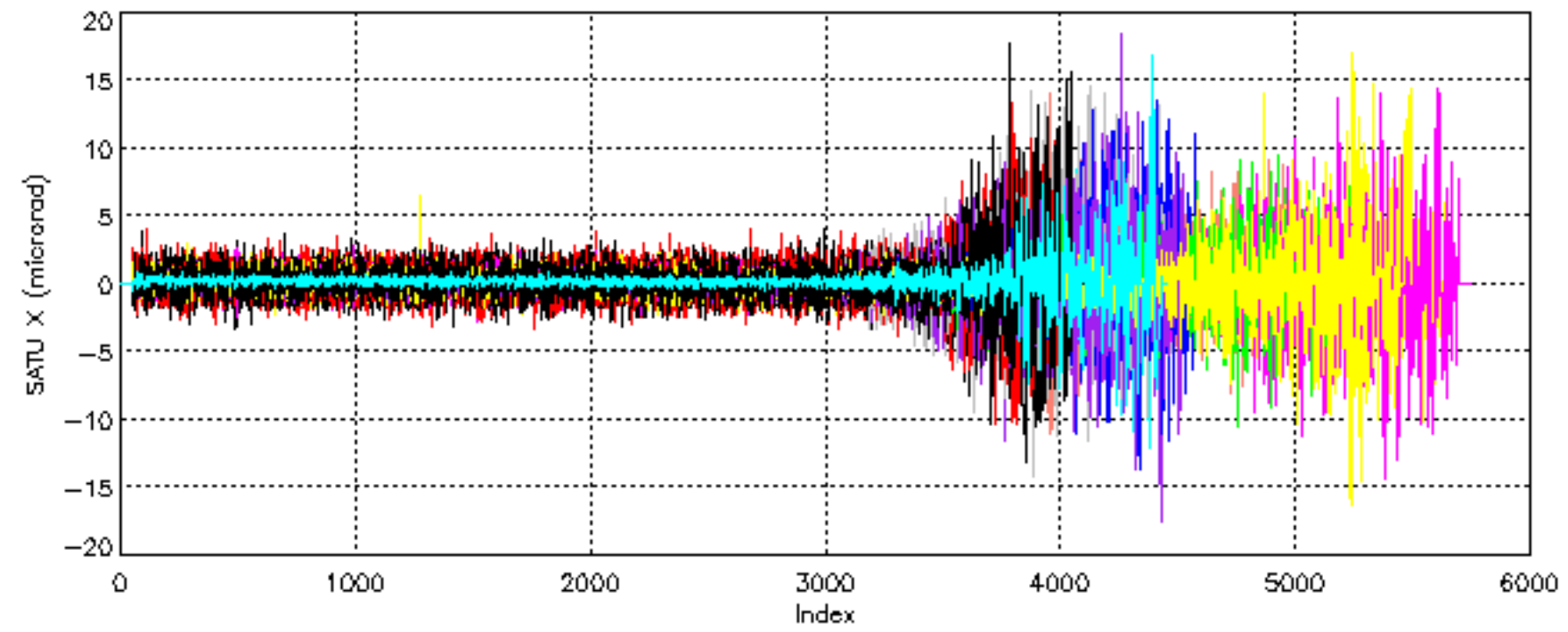


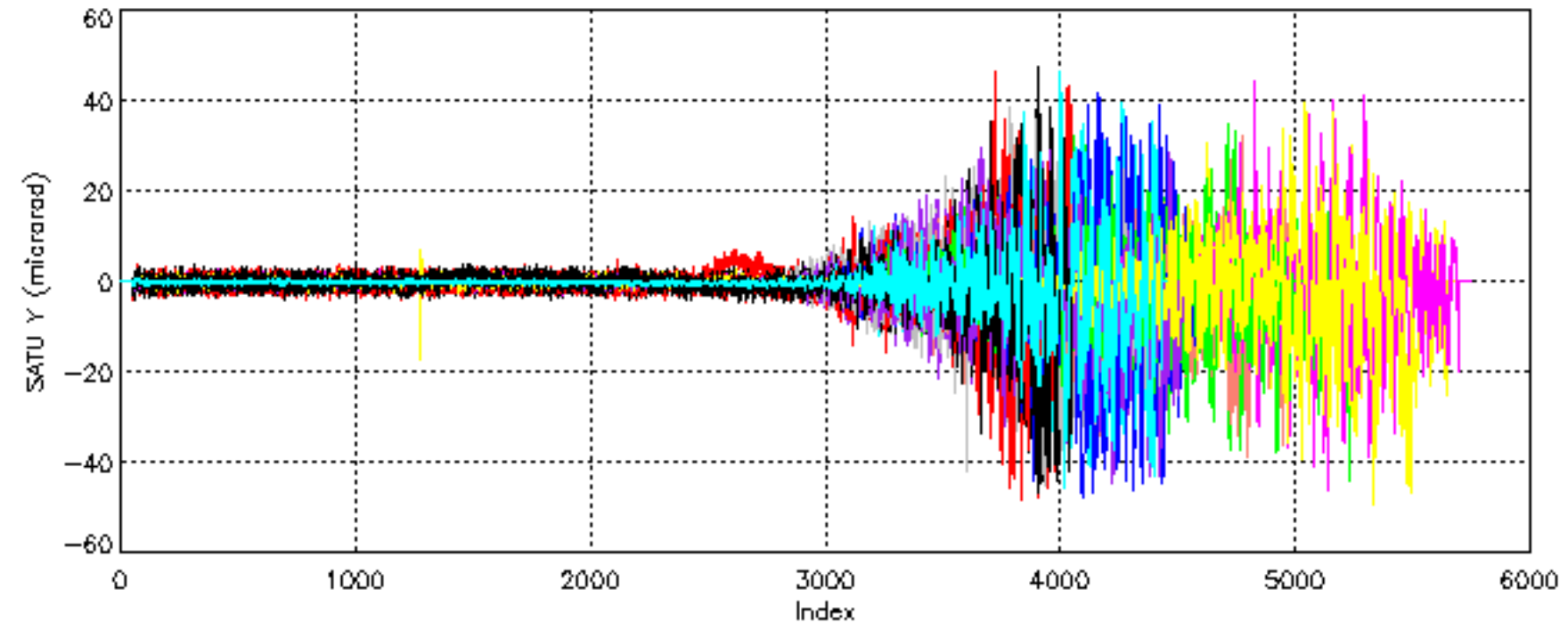
Tangent altitude at which the star is lost

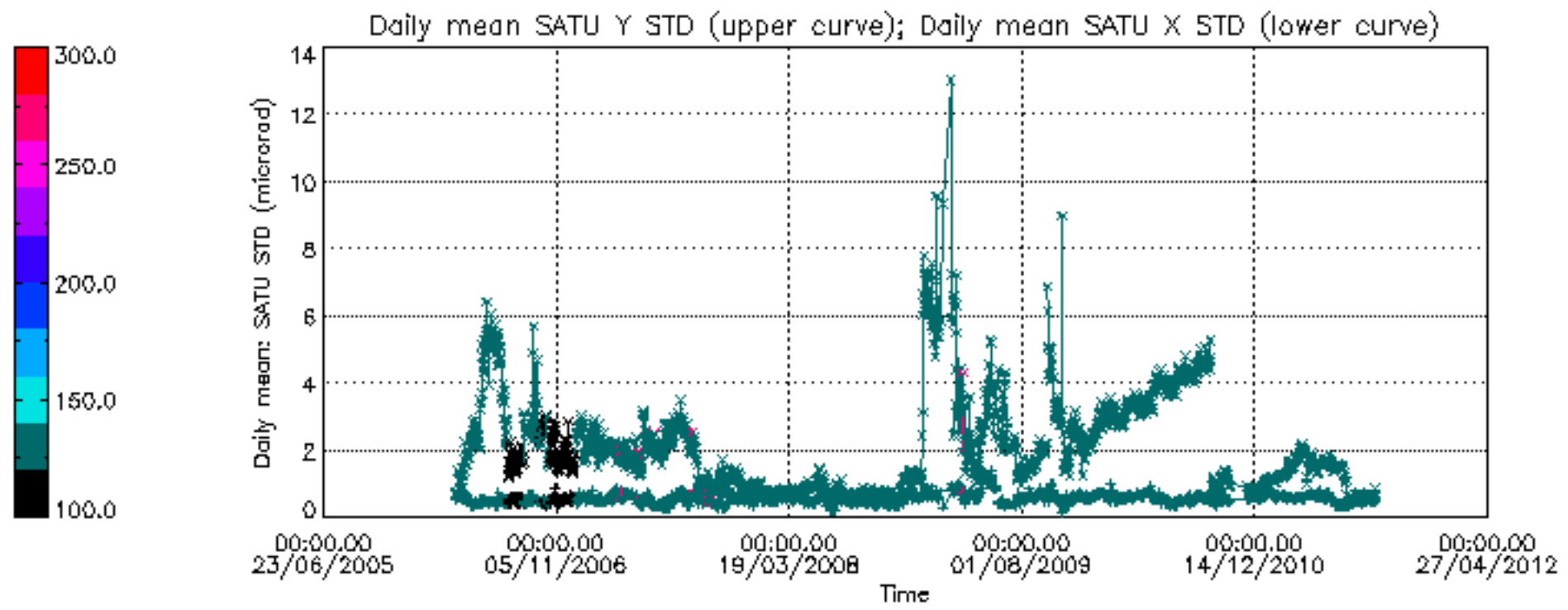


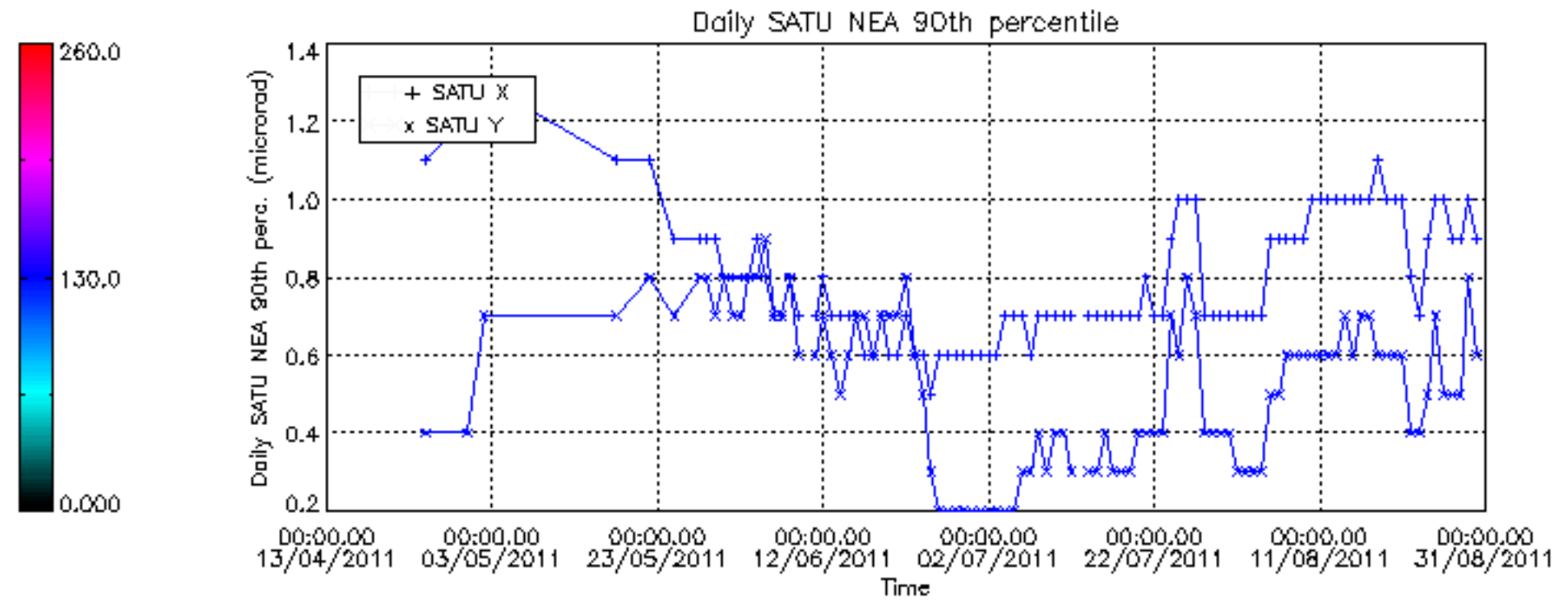
Tangent altitude at which the star is lost












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 4; 337.8; 03-AUG-2011 22:42:12; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;49297
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 4; 2671.4; 03-AUG-2011 08:19:00; Bright; 36.0; 144; 18Del Cyg ; 2.86; 11000;occ; 72; 0;49288
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2; 1575.3; 11-AUG-2011 16:28:40; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;49408
3; 1790.0; 11-AUG-2011 16:32:15; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;49408
4; 2118.3; 11-AUG-2011 16:37:43; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;49408
5; 2500.0; 11-AUG-2011 16:44:05; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;49408
6; 2590.3; 11-AUG-2011 16:45:35; Bright; 36.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 72; 0;49408
7; 2691.2; 11-AUG-2011 16:47:16; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;49408
8; 3013.7; 11-AUG-2011 16:52:39; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;49408
9; 4175.4; 11-AUG-2011 17:12:00; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;49408
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12; 4656.8; 11-AUG-2011 17:20:02; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;49408
13; 4888.0; 11-AUG-2011 17:23:53; Dark ; 49.0; 14; 58Alp Ori ; 0.87; 3000;occ; 98; 0;49408
14; 5070.7; 11-AUG-2011 17:26:56; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;49408
15; 5154.1; 11-AUG-2011 17:28:19; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;49408
16; 5240.3; 11-AUG-2011 17:29:45; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;49408
17; 5358.0; 11-AUG-2011 17:31:43; Dark ; 45.0; 101; 11Alp Lep ; 2.58; 7000;occ; 90; 0;49408
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19; 6159.1; 11-AUG-2011 17:45:04; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;49409
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21; 6762.5; 11-AUG-2011 17:55:08; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49409
22; 7001.1; 11-AUG-2011 17:59:06; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 0;49409

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2; 1575.4; 11-AUG-2011 18:08:54; Bright; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;49409
3; 1790.0; 11-AUG-2011 18:12:29; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;49409
4; 2117.9; 11-AUG-2011 18:17:57; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;49409
5; 2499.7; 11-AUG-2011 18:24:19; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;49409
6; 2590.1; 11-AUG-2011 18:25:49; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;49409
7; 2690.9; 11-AUG-2011 18:27:30; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;49409
8; 3013.4; 11-AUG-2011 18:32:52; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;49409
9; 4175.3; 11-AUG-2011 18:52:14; Bright; 46.5; 6; 13Alp Aur ; 0.08; 3400;occ; 93; 0;49409
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11; 4520.4; 11-AUG-2011 18:57:59; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;49409
12; 4656.9; 11-AUG-2011 19:00:16; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;49409
13; 4888.4; 11-AUG-2011 19:04:07; Dark ; 49.0; 14; 58Alp Ori ; 0.87; 3000;occ; 98; 0;49409
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15; 5154.6; 11-AUG-2011 19:08:34; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;49409
16; 5240.9; 11-AUG-2011 19:10:00; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 0;49409
17; 5358.5; 11-AUG-2011 19:11:58; Dark ; 43.5; 101; 11Alp Lep ; 2.58; 7000;occ; 87; 0;49409
18; 5530.6; 11-AUG-2011 19:14:50; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49409
19; 6160.2; 11-AUG-2011 19:25:19; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;49410
20; 6429.9; 11-AUG-2011 19:29:49; Dark ; 48.5; 9; Alp Eri ; 0.45; 24000;occ; 97; 0;49410
21; 6763.4; 11-AUG-2011 19:35:22; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;49410
22; 7001.4; 11-AUG-2011 19:39:21; Dark ; 40.0; 31; Alp Gru ; 1.73; 15200;occ; 80; 0;49410

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3; 1575.2; 11-AUG-2011 19:49:08; Bright; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;49410
4; 1789.8; 11-AUG-2011 19:52:43; Bright; 43.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 87; 0;49410
5; 2117.4; 11-AUG-2011 19:58:11; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;49410

6; 2499.4; 11-AUG-2011 20:04:33; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;49410
7; 2589.8; 11-AUG-2011 20:06:03; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;49410
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9; 3013.1; 11-AUG-2011 20:13:06; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;49410
10; 4175.1; 11-AUG-2011 20:32:28; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;49410
11; 4341.3; 11-AUG-2011 20:35:14; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;49410
12; 4520.6; 11-AUG-2011 20:38:14; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;49410
13; 4657.1; 11-AUG-2011 20:40:30; Dark ; 45.5; 176; 23Zet Tau ; 3.02; 22000;occ; 91; 0;49410
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16; 5155.0; 11-AUG-2011 20:48:48; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;49410
17; 5241.5; 11-AUG-2011 20:50:15; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;49410
18; 5358.9; 11-AUG-2011 20:52:12; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 0;49410
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21; 6430.5; 11-AUG-2011 21:10:04; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;49411
22; 6764.1; 11-AUG-2011 21:15:37; Dark ; 61.0; 84; Alp Phe ; 2.40; 4500;occ; 122; 0;49411
23; 7001.7; 11-AUG-2011 21:19:35; Dark ; 12.0; 31; Alp Gru ; 1.73; 15200;occ; 24; 0;49411

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4; 417.8; 12-AUG-2011 00:30:33; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;49413
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9; 1789.6; 12-AUG-2011 00:53:24; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;49413
10; 2116.1; 12-AUG-2011 00:58:51; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;49413
11; 2498.5; 12-AUG-2011 01:05:13; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;49413
12; 2589.3; 12-AUG-2011 01:06:44; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;49413
13; 2689.8; 12-AUG-2011 01:08:25; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;49413
14; 3012.0; 12-AUG-2011 01:13:47; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;49413
15; 4175.1; 12-AUG-2011 01:33:10; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;49413
16; 4341.6; 12-AUG-2011 01:35:56; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;49413
17; 4521.1; 12-AUG-2011 01:38:56; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;49413
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3; -1492.7; 12-AUG-2011 03:19:10; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;49414
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9; -652.7; 12-AUG-2011 03:33:10; Dark ; 45.0; 101; 11Alp Lep ; 2.58; 7000;occ; 90; 0;49414
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11; 151.7; 12-AUG-2011 03:46:35; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;49415
12; 419.3; 12-AUG-2011 03:51:02; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;49415
13; 753.9; 12-AUG-2011 03:56:37; Dark ; 57.5; 84; Alp Phe ; 2.40; 4500;occ; 115; 0;49415
14; 989.6; 12-AUG-2011 04:00:32; Dark ; 40.5; 31; Alp Gru ; 1.73; 15200;occ; 81; 0;49415
15; 1221.9; 12-AUG-2011 04:04:25; Dark ; 55.0; 18; 24Alp PsA ; 1.17; 9700;occ; 110; 0;49415
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17; 1789.7; 12-AUG-2011 04:13:53; Bright; 44.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 88; 0;49415
18; 2115.6; 12-AUG-2011 04:19:18; Bright; 47.0; 61; 8Eps Peg ; 2.10; 3900;occ; 94; 0;49415
19; 2498.2; 12-AUG-2011 04:25:41; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;49415
20; 2589.1; 12-AUG-2011 04:27:12; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;49415
21; 2689.5; 12-AUG-2011 04:28:52; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49415
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11; 154.0; 12-AUG-2011 07:07:05; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;49417
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16; 5535.9; 12-AUG-2011 08:36:47; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49417
17; 6169.2; 12-AUG-2011 08:47:20; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;49418
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21; 7237.4; 12-AUG-2011 09:05:08; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;49418
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3; 2497.2; 12-AUG-2011 11:06:36; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;49419
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20; 5273.7; 14-AUG-2011 22:21:02; Dark ; 36.5; 7; 19Bet Ori ; 0.10; 14000;occ; 73; 0;49454
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3; -452.2; 14-AUG-2011 22:25:50; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49454
4; 198.1; 14-AUG-2011 22:36:40; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;49455
5; 446.5; 14-AUG-2011 22:40:49; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;49455
6; 788.3; 14-AUG-2011 22:46:31; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49455
7; 1004.7; 14-AUG-2011 22:50:07; Dark ; 42.0; 31; Alp Gru ; 1.73; 15200;occ; 84; 0;49455
8; 1239.8; 14-AUG-2011 22:54:02; Dark ; 57.5; 18; 24Alp PsA ; 1.17; 9700;occ; 115; 0;49455
9; 1580.3; 14-AUG-2011 22:59:42; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;49455
10; 1788.1; 14-AUG-2011 23:03:10; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;49455
11; 1910.5; 14-AUG-2011 23:05:13; Bright; 48.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 97; 0;49455
12; 2101.4; 14-AUG-2011 23:08:24; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;49455
13; 2488.9; 14-AUG-2011 23:14:51; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;49455

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 15; 2680.4; 14-AUG-2011 23:18:03; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49455
 16; 3000.6; 14-AUG-2011 23:23:23; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;49455
 17; 3289.0; 14-AUG-2011 23:28:11; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;49455
 18; 3421.7; 14-AUG-2011 23:30:24; Bright; 26.0; 76; 27Gam Cas ; 2.30; 30000;occ; 52; 0;49455
 19; 4171.7; 14-AUG-2011 23:42:54; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;49455
 20; 4344.6; 14-AUG-2011 23:45:47; Bright; 58.0; 107; 37The Aur ; 2.65; 11000;occ; 116; 0;49455
 21; 4528.9; 14-AUG-2011 23:48:51; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;49455
 22; 4697.8; 14-AUG-2011 23:51:40; Dark ; 42.5; 44; 24Gam Gem ; 1.93; 11000;occ; 85; 0;49455
 23; 4906.4; 14-AUG-2011 23:55:09; Dark ; 56.0; 14; 58Alp Ori ; 0.87; 3000;occ; 112; 0;49455
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 25; 5181.4; 14-AUG-2011 23:59:44; Dark ; 47.0; 125; 44Iot Ori ; 2.77; 30000;occ; 94; 0;49455
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 2; 1580.0; 14-AUG-2011 17:59:00; Bright; 43.0; 142; 49Del Cap ; 2.85; 8900;occ; 86; 0;49452
 3; 1788.2; 14-AUG-2011 18:02:28; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;49452
 4; 1911.4; 14-AUG-2011 18:04:32; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;49452
 5; 2102.5; 14-AUG-2011 18:07:43; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;49452
 6; 2489.6; 14-AUG-2011 18:14:10; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49452
 7; 2583.9; 14-AUG-2011 18:15:44; Bright; 37.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 74; 0;49452
 8; 2681.0; 14-AUG-2011 18:17:21; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;49452
 9; 3001.3; 14-AUG-2011 18:22:42; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;49452
 10; 3291.6; 14-AUG-2011 18:27:32; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;49452
 11; 3424.0; 14-AUG-2011 18:29:44; Bright; 25.0; 76; 27Gam Cas ; 2.30; 30000;occ; 50; 0;49452
 12; 4172.0; 14-AUG-2011 18:42:12; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;49452
 13; 4344.5; 14-AUG-2011 18:45:05; Bright; 46.0; 107; 37The Aur ; 2.65; 11000;occ; 92; 0;49452
 14; 4528.4; 14-AUG-2011 18:48:09; Dark ; 51.5; 28; 12Bet Tau ; 1.65; 15200;occ; 103; 0;49452
 15; 4697.1; 14-AUG-2011 18:50:57; Dark ; 41.0; 44; 24Gam Gem ; 1.93; 11000;occ; 82; 0;49452
 16; 4905.3; 14-AUG-2011 18:54:26; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;49452
 17; 5095.0; 14-AUG-2011 18:57:35; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;49452
 18; 5179.8; 14-AUG-2011 18:59:00; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;49452
 19; 5272.2; 14-AUG-2011 19:00:32; Dark ; 54.0; 7; 19Bet Ori ; 0.10; 14000;occ; 108; 0;49452
 20; 5385.1; 14-AUG-2011 19:02:25; Dark ; 45.5; 101; 11Alp Lep ; 2.58; 7000;occ; 91; 0;49452
 21; 5560.4; 14-AUG-2011 19:05:21; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49452
 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
 24; 6800.7; 14-AUG-2011 19:26:01; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 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
 5; 1911.0; 14-AUG-2011 19:44:45; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;49453
 6; 2102.2; 14-AUG-2011 19:47:56; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;49453
 7; 2489.3; 14-AUG-2011 19:54:24; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;49453
 8; 2583.8; 14-AUG-2011 19:55:58; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;49453
 9; 2680.9; 14-AUG-2011 19:57:35; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;49453
 10; 3001.0; 14-AUG-2011 20:02:55; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;49453
 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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 17; 4905.7; 14-AUG-2011 20:34:40; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;49453
 18; 5095.3; 14-AUG-2011 20:37:50; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;49453
 19; 5180.4; 14-AUG-2011 20:39:15; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;49453
 20; 5272.9; 14-AUG-2011 20:40:47; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 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
 26; 7018.2; 14-AUG-2011 21:09:52; Dark ; 36.0; 31; Alp Gru ; 1.73; 15200;occ; 72; 0;49454

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4; 199.2; 15-AUG-2011 00:16:55; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;49456
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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10; 1787.8; 15-AUG-2011 00:43:24; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;49456
11; 1910.3; 15-AUG-2011 00:45:26; Bright; 49.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 98; 0;49456
12; 2101.2; 15-AUG-2011 00:48:37; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;49456
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
15; 2680.2; 15-AUG-2011 00:58:16; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;49456
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17; 3288.2; 15-AUG-2011 01:08:24; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;49456
18; 3421.0; 15-AUG-2011 01:10:37; Bright; 27.0; 76; 27Gam Cas ; 2.30; 30000;occ; 54; 0;49456
19; 4171.6; 15-AUG-2011 01:23:08; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;49456
20; 4344.8; 15-AUG-2011 01:26:01; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;49456
21; 4529.1; 15-AUG-2011 01:29:05; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;49456
22; 4698.0; 15-AUG-2011 01:31:54; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;49456
23; 4906.9; 15-AUG-2011 01:35:23; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;49456
24; 5097.2; 15-AUG-2011 01:38:33; Dark ; 50.0; 30; 46Eps Ori ; 1.69; 30000;occ; 100; 0;49456
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2; -738.7; 15-AUG-2011 01:41:31; Dark ; 57.5; 7; 19Bet Ori ; 0.10; 14000;occ; 115; 0;49456
3; -626.2; 15-AUG-2011 01:43:24; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;49456
4; -450.8; 15-AUG-2011 01:46:19; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49456
5; 200.4; 15-AUG-2011 01:57:10; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49457
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
8; 1005.3; 15-AUG-2011 02:10:35; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;49457
9; 1240.7; 15-AUG-2011 02:14:31; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;49457
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12; 1910.1; 15-AUG-2011 02:25:40; Bright; 48.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 97; 0;49457
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14; 2488.5; 15-AUG-2011 02:35:18; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49457
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18; 3287.5; 15-AUG-2011 02:48:37; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;49457
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3; -1484.7; 15-AUG-2011 03:09:19; Dark ; 52.0; 28; 12Bet Tau ; 1.65; 15200;occ; 104; 0;49457
4; -1315.7; 15-AUG-2011 03:12:08; Dark ; 42.5; 44; 24Gam Gem ; 1.93; 11000;occ; 85; 0;49457
5; -1106.6; 15-AUG-2011 03:15:37; Dark ; 56.0; 14; 58Alp Ori ; 0.87; 3000;occ; 112; 0;49457
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7; -831.0; 15-AUG-2011 03:20:13; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;49457
8; -737.9; 15-AUG-2011 03:21:46; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;49457
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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
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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
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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
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9; 2678.0; 15-AUG-2011 21:01:02; Bright; 55.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 110; 0;49468
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3; 1908.6; 15-AUG-2011 14:07:16; Bright; 47.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 95; 0;49464
4; 2098.8; 15-AUG-2011 14:10:27; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;49464
5; 2487.4; 15-AUG-2011 14:16:55; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;49464
6; 2582.8; 15-AUG-2011 14:18:31; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;49464
7; 2678.9; 15-AUG-2011 14:20:07; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;49464
8; 2998.4; 15-AUG-2011 14:25:26; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;49464
9; 3282.3; 15-AUG-2011 14:30:10; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;49464
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11; 4171.1; 15-AUG-2011 14:44:59; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;49464
12; 4345.6; 15-AUG-2011 14:47:53; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;49464
13; 4530.8; 15-AUG-2011 14:50:59; Dark ; 50.5; 28; 12Bet Tau ; 1.65; 15200;occ; 101; 0;49464
14; 4700.3; 15-AUG-2011 14:53:48; Dark ; 41.5; 44; 24Gam Gem ; 1.93; 11000;occ; 83; 0;49464
15; 4910.6; 15-AUG-2011 14:57:18; Dark ; 52.5; 14; 58Alp Ori ; 0.87; 3000;occ; 105; 0;49464
16; 5102.2; 15-AUG-2011 15:00:30; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;49464
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18; 5281.7; 15-AUG-2011 15:03:30; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 0;49464
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21; 6223.8; 15-AUG-2011 15:19:12; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;49465
22; 6467.5; 15-AUG-2011 15:23:15; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49465

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3; 1908.3; 15-AUG-2011 15:47:30; Bright; 48.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 97; 0;49465
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5; 2487.0; 15-AUG-2011 15:57:09; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;49465
6; 2582.6; 15-AUG-2011 15:58:44; Bright; 38.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 77; 0;49465
7; 2678.7; 15-AUG-2011 16:00:20; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49465
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9; 3281.6; 15-AUG-2011 16:10:23; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;49465
10; 3414.5; 15-AUG-2011 16:12:36; Bright; 30.0; 76; 27Gam Cas ; 2.30; 30000;occ; 60; 0;49465
11; 4171.0; 15-AUG-2011 16:25:13; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;49465
12; 4345.6; 15-AUG-2011 16:28:07; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;49465
13; 4530.9; 15-AUG-2011 16:31:13; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;49465
14; 4700.6; 15-AUG-2011 16:34:02; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;49465
15; 4911.0; 15-AUG-2011 16:37:33; Dark ; 43.0; 14; 58Alp Ori ; 0.87; 3000;occ; 86; 0;49465
16; 5102.8; 15-AUG-2011 16:40:45; Dark ; 48.0; 30; 46Eps Ori ; 1.69; 30000;occ; 96; 0;49465
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21; 6224.9; 15-AUG-2011 16:59:27; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;49466
22; 6468.2; 15-AUG-2011 17:03:30; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;49466
23; 6811.7; 15-AUG-2011 17:09:14; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;49466
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3; 1787.9; 15-AUG-2011 17:25:44; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;49466
4; 1908.1; 15-AUG-2011 17:27:44; Bright; 48.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 96; 0;49466
5; 2098.1; 15-AUG-2011 17:30:54; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;49466
6; 2486.7; 15-AUG-2011 17:37:23; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;49466
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11; 3413.6; 15-AUG-2011 17:52:50; Bright; 31.0; 76; 27Gam Cas ; 2.30; 30000;occ; 62; 0;49466
12; 4170.8; 15-AUG-2011 18:05:27; Bright; 49.5; 6; 13Alp Aur ; 0.08; 3400;occ; 99; 0;49466
13; 4345.5; 15-AUG-2011 18:08:21; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;49466
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22; 6226.2; 15-AUG-2011 18:39:42; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;49467
23; 6468.8; 15-AUG-2011 18:43:45; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;49467
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4; 1787.8; 15-AUG-2011 19:05:58; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;49467
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6; 2097.9; 15-AUG-2011 19:11:08; Bright; 45.0; 61; 8Eps Peg ; 2.10; 3900;occ; 90; 0;49467
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10; 2997.2; 15-AUG-2011 19:26:07; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;49467
11; 3279.9; 15-AUG-2011 19:30:50; Bright; 49.5; 74; 11Bet Cas ; 2.27; 6600;occ; 99; 0;49467
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 19; 5189.3; 15-AUG-2011 20:02:39; Dark ; 47.5; 125; 44Iot Ori ; 2.77; 30000;occ; 95; 0;49467
 20; 5284.0; 15-AUG-2011 20:04:14; Dark ; 56.5; 7; 19Bet Ori ; 0.10; 14000;occ; 113; 0;49467
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 26; 7023.5; 15-AUG-2011 20:33:13; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;49468

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 4; 216.9; 16-AUG-2011 01:20:43; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;49471
 5; 457.5; 16-AUG-2011 01:24:43; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;49471
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 26; 5287.3; 16-AUG-2011 02:45:13; Dark ; 57.0; 7; 19Bet Ori ; 0.10; 14000;occ; 114; 0;49471
 27; 5398.1; 16-AUG-2011 02:47:04; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;49471
 28; 5574.3; 16-AUG-2011 02:50:00; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49471
 29; 6232.0; 16-AUG-2011 03:00:58; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;49472
 30; 6472.2; 16-AUG-2011 03:04:58; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;49472
 31; 6816.5; 16-AUG-2011 03:10:42; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;49472
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 33; 7261.1; 16-AUG-2011 03:18:07; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;49472
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 37; 8110.4; 16-AUG-2011 03:32:16; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;49472
 38; 8499.7; 16-AUG-2011 03:38:45; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;49472
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13; 4711.3; 18-AUG-2011 14:44:00; Dark ; 40.0; 44; 24Gam Gem ; 1.93; 11000;occ; 80; 0;49507
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2; 1893.6; 21-AUG-2011 10:26:36; Bright; 44.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 89; 0;49548
3; 2078.3; 21-AUG-2011 10:29:41; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49548
4; 2475.4; 21-AUG-2011 10:36:18; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;49548
5; 2666.8; 21-AUG-2011 10:39:29; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;49548
6; 2979.1; 21-AUG-2011 10:44:41; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;49548
7; 3219.3; 21-AUG-2011 10:48:42; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;49548
8; 4160.7; 21-AUG-2011 11:04:23; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;49548
9; 4350.5; 21-AUG-2011 11:07:33; Bright; 58.0; 107; 37The Aur ; 2.65; 11000;occ; 116; 0;49548
10; 4547.4; 21-AUG-2011 11:10:50; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;49548
11; 4722.4; 21-AUG-2011 11:13:45; Dark ; 38.5; 44; 24Gam Gem ; 1.93; 11000;occ; 77; 0;49548
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13; 5041.6; 21-AUG-2011 11:19:04; Dark ; 60.0; 27; 24Gam Ori ; 1.64; 26000;occ; 120; 0;49548
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3; 2078.1; 21-AUG-2011 12:09:54; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;49549
4; 2475.3; 21-AUG-2011 12:16:32; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;49549
5; 2666.8; 21-AUG-2011 12:19:43; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49549
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7; 3218.7; 21-AUG-2011 12:28:55; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;49549
8; 4160.5; 21-AUG-2011 12:44:37; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;49549
9; 4350.5; 21-AUG-2011 12:47:47; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;49549
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11; 4722.6; 21-AUG-2011 12:53:59; Dark ; 47.0; 44; 24Gam Gem ; 1.93; 11000;occ; 94; 0;49549
12; 4951.4; 21-AUG-2011 12:57:48; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;49549
13; 5042.4; 21-AUG-2011 12:59:19; Dark ; 60.0; 27; 24Gam Ori ; 1.64; 26000;occ; 120; 0;49549
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22; 7008.5; 21-AUG-2011 13:32:05; Dark ; 47.0; 63; Bet Gru ; 2.15; 2800;occ; 94; 0;49550
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 9; 3351.1; 21-AUG-2011 14:11:21; Bright; 25.0; 76; 27Gam Cas ; 2.30; 30000;occ; 50; 0;49550
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 4; 1893.1; 21-AUG-2011 17:07:31; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;49552
 5; 2077.4; 21-AUG-2011 17:10:36; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;49552
 6; 2475.1; 21-AUG-2011 17:17:13; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49552
 7; 2666.4; 21-AUG-2011 17:20:25; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49552
 8; 2978.5; 21-AUG-2011 17:25:37; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;49552
 9; 3216.4; 21-AUG-2011 17:29:35; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;49552
 10; 3349.6; 21-AUG-2011 17:31:48; Bright; 26.0; 76; 27Gam Cas ; 2.30; 30000;occ; 52; 0;49552
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 15; 2665.9; 22-AUG-2011 01:41:34; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;49557
 16; 2977.5; 22-AUG-2011 01:46:46; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49557
 17; 3212.9; 22-AUG-2011 01:50:41; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;49557
 18; 3345.6; 22-AUG-2011 01:52:54; Bright; 29.0; 76; 27Gam Cas ; 2.30; 30000;occ; 58; 0;49557
 19; 4159.4; 22-AUG-2011 02:06:27; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;49557
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 21; 4549.4; 22-AUG-2011 02:12:57; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;49557
 22; 4725.1; 22-AUG-2011 02:15:53; Dark ; 45.0; 44; 24Gam Gem ; 1.93; 11000;occ; 90; 0;49557
 23; 4955.9; 22-AUG-2011 02:19:44; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;49557
 24; 5048.6; 22-AUG-2011 02:21:17; Dark ; 59.0; 27; 24Gam Ori ; 1.64; 26000;occ; 118; 0;49557
 25; 5166.2; 22-AUG-2011 02:23:14; Dark ; 6.5; 30; 46Eps Ori ; 1.69; 30000;occ; 13; 0;49557

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9; 997.7; 22-AUG-2011 02:54:00; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;49558
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11; 1592.1; 22-AUG-2011 03:03:54; Bright; 42.0; 142; 49Del Cap ; 2.85; 8900;occ; 84; 0;49558
12; 1788.2; 22-AUG-2011 03:07:10; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49558
13; 1892.3; 22-AUG-2011 03:08:54; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;49558
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16; 2665.8; 22-AUG-2011 03:21:48; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;49558
17; 2977.3; 22-AUG-2011 03:26:59; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;49558
18; 3212.2; 22-AUG-2011 03:30:54; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;49558
19; 3344.9; 22-AUG-2011 03:33:07; Bright; 30.5; 76; 27Gam Cas ; 2.30; 30000;occ; 61; 0;49558
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2; -1663.0; 22-AUG-2011 03:49:53; Bright; 50.0; 107; 37The Aur ; 2.65; 11000;occ; 100; 0;49558
3; -1464.5; 22-AUG-2011 03:53:12; Dark ; 55.5; 28; 12Bet Tau ; 1.65; 15200;occ; 111; 0;49558
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7; -846.9; 22-AUG-2011 04:03:29; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;49558
8; -729.9; 22-AUG-2011 04:05:26; Dark ; 42.5; 1; 9Alp CMa ; -1.44; 11000;occ; 85; 0;49558
9; -548.8; 22-AUG-2011 04:08:27; Dark ; 49.5; 101; 11Alp Lep ; 2.58; 7000;occ; 99; 0;49558
10; -367.7; 22-AUG-2011 04:11:28; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49558
11; 322.9; 22-AUG-2011 04:22:59; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;49559
12; 516.3; 22-AUG-2011 04:26:12; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;49559
13; 869.8; 22-AUG-2011 04:32:06; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49559
14; 997.9; 22-AUG-2011 04:34:14; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;49559
15; 1280.0; 22-AUG-2011 04:38:56; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;49559
16; 1592.3; 22-AUG-2011 04:44:08; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;49559
17; 1788.4; 22-AUG-2011 04:47:24; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;49559
18; 1892.2; 22-AUG-2011 04:49:08; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;49559
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3; 1283.4; 22-AUG-2011 21:21:19; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;49569
4; 1593.4; 22-AUG-2011 21:26:29; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;49569
5; 1788.6; 22-AUG-2011 21:29:45; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;49569
6; 1890.9; 22-AUG-2011 21:31:27; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;49569
7; 2074.5; 22-AUG-2011 21:34:30; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49569
8; 2473.7; 22-AUG-2011 21:41:10; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;49569
9; 2664.8; 22-AUG-2011 21:44:21; Bright; 35.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 71; 0;49569
10; 2975.3; 22-AUG-2011 21:49:31; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49569
11; 3204.1; 22-AUG-2011 21:53:20; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;49569
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
14; 4351.3; 22-AUG-2011 22:12:27; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;49569
15; 4629.4; 22-AUG-2011 22:17:05; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;49569
16; 4728.4; 22-AUG-2011 22:18:44; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;49569
17; 4962.4; 22-AUG-2011 22:22:38; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;49569
18; 5175.7; 22-AUG-2011 22:26:12; Dark ; 55.0; 30; 46Eps Ori ; 1.69; 30000;occ; 110; 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
4; -357.7; 22-AUG-2011 22:34:12; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49569
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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 11; 1788.6; 22-AUG-2011 23:09:58; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;49570
 12; 1891.0; 22-AUG-2011 23:11:41; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;49570
 13; 2074.3; 22-AUG-2011 23:14:44; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;49570
 14; 2473.7; 22-AUG-2011 23:21:24; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;49570
 15; 2664.8; 22-AUG-2011 23:24:35; Bright; 34.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 69; 0;49570
 16; 2975.2; 22-AUG-2011 23:29:45; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49570
 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
 19; 4157.2; 22-AUG-2011 23:49:27; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 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
 22; 4728.7; 22-AUG-2011 23:58:59; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;49570
 23; 4963.0; 23-AUG-2011 00:02:53; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;49570
 24; 5176.5; 23-AUG-2011 00:06:26; Dark ; 53.0; 30; 46Eps Ori ; 1.69; 30000;occ; 106; 0;49570
 25; 5287.8; 23-AUG-2011 00:08:18; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;49570
 26; 5380.3; 23-AUG-2011 00:09:50; Dark ; 41.5; 7; 19Bet Ori ; 0.10; 14000;occ; 83; 0;49570

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 3; -1464.0; 22-AUG-2011 07:13:40; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;49560
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 5; -1056.5; 22-AUG-2011 07:20:28; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;49560
 6; -963.1; 22-AUG-2011 07:22:01; Dark ; 43.0; 27; 24Gam Ori ; 1.64; 26000;occ; 86; 0;49560
 7; -845.4; 22-AUG-2011 07:23:59; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;49560
 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
 10; -487.4; 22-AUG-2011 07:29:57; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;49560
 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
 15; 998.7; 22-AUG-2011 07:54:43; Dark ; 46.0; 63; Bet Gru ; 2.15; 2800;occ; 92; 0;49561
 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
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 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
 14; 5051.7; 22-AUG-2011 09:02:16; Dark ; 43.0; 27; 24Gam Ori ; 1.64; 26000;occ; 86; 0;49561
 15; 5169.4; 22-AUG-2011 09:04:14; Dark ; 54.5; 30; 46Eps Ori ; 1.69; 30000;occ; 109; 0;49561
 16; 5283.9; 22-AUG-2011 09:06:08; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;49561
 17; 5370.7; 22-AUG-2011 09:07:35; Dark ; 64.0; 7; 19Bet Ori ; 0.10; 14000;occ; 128; 0;49561
 18; 5527.5; 22-AUG-2011 09:10:12; Dark ; 52.5; 139; 9Bet Lep ; 2.83; 5600;occ; 105; 0;49561
 19; 5649.0; 22-AUG-2011 09:12:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49561
 20; 6340.5; 22-AUG-2011 09:23:45; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;49562
 21; 6532.2; 22-AUG-2011 09:26:56; Dark ; 53.0; 9; Alp Eri ; 0.45; 24000;occ; 106; 0;49562
 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
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 4; 337.6; 23-AUG-2011 00:26:01; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;49571
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 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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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
13; 2473.7; 23-AUG-2011 01:01:37; Bright; 38.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 77; 0;49571
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19; 2472.8; 24-AUG-2011 05:25:34; Bright; 35.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 70; 0;49588
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4; 407.5; 26-AUG-2011 23:40:28; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;49628
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 12; 2066.8; 27-AUG-2011 00:08:07; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49628
 13; 2517.6; 27-AUG-2011 00:15:38; Bright; 46.5; 164; 44Eta Peg ; 2.95; 5400;occ; 93; 0;49628
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22;	4835.6;	27-AUG-2011	02:34:30;	Dark	;	39.5;	153;	3Bet CMi	;	2.89;	13100;occ;	79;	0;	49629
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27;	5715.0;	27-AUG-2011	02:49:09;	Dark	;	59.0;	0;		;	0.00;	0;occ;	118;	0;	49629
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35;	8080.7;	27-AUG-2011	03:28:35;	Bright;		40.0;	61;	8Eps Peg	;	2.10;	3900;occ;	80;	0;	49630
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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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3;	-1368.0;	27-AUG-2011	05:51:48;	Dark	;	56.0;	151;	13Mu Gem	;	2.89;	3000;occ;	112;	0;	49631
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 10; 4143.7; 27-AUG-2011 20:45:32; Bright; 26.0; 6; 13Alp Aur ; 0.08; 3400;occ; 52; 0;49640
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19; 6436.2; 27-AUG-2011 19:43:30; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49640
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11; 1884.9; 28-AUG-2011 02:48:48; Bright; 41.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 83; 0;49644
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3; -1364.3; 28-AUG-2011 03:34:53; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;49644
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5; 2496.8; 29-AUG-2011 15:44:08; Bright; 44.5; 164; 44Eta Peg ; 2.95; 5400;occ; 89; 0;49666
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