

GOMOS Daily Report 02-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	05AUG2011 07:05:51
Data source version	GOMOS/6.01
Start time of products	02AUG2011 00:00:15
Stop time of products	02AUG2011 23:57:50
Store outputs in DB	Yes
Nb of level 1b prods	305
Nb of prods with errors	1

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

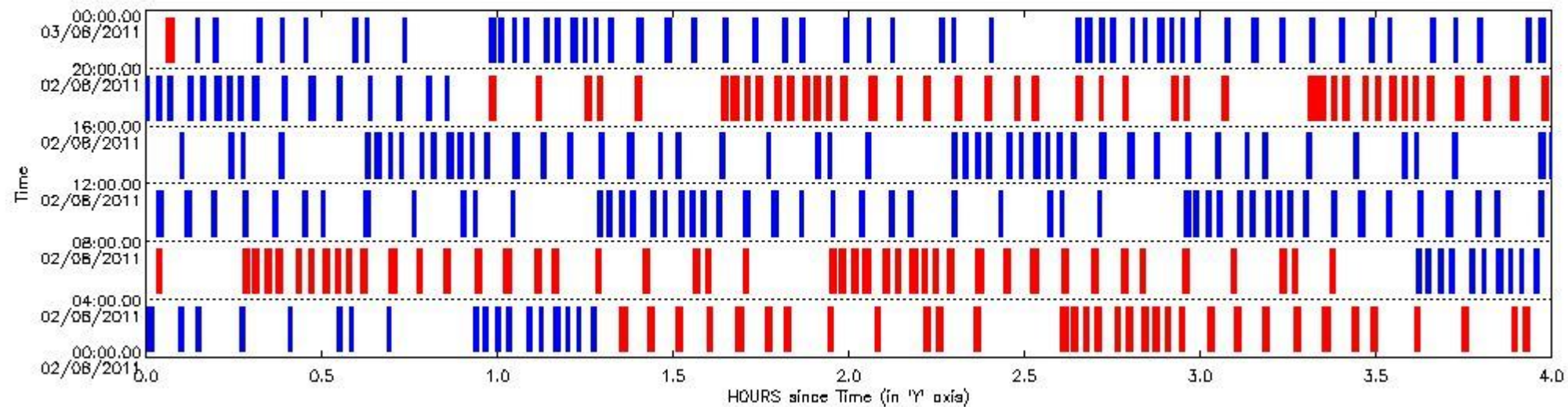
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
02-AUG-2011 01:20:55	34GamEri	165	49269
02-AUG-2011 01:25:40	DSA1061	0	49269
02-AUG-2011 01:30:19	The1Eri	157	49269
02-AUG-2011 01:35:41	AlpEri	9	49270
02-AUG-2011 01:40:36	AlpPhe	84	49270
02-AUG-2011 01:45:47	AlpGru	31	49270
02-AUG-2011 01:48:53	GamGru	172	49270
02-AUG-2011 01:56:23	49DelCap	142	49270
02-AUG-2011 02:04:27	53AlpAql	11	49270
02-AUG-2011 02:12:53	53EpsCyg	92	49270
02-AUG-2011 02:14:56	18DelCyg	144	49270
02-AUG-2011 02:21:25	5AlpCep	89	49270
02-AUG-2011 02:36:09	23GamPer	160	49270
02-AUG-2011 02:37:51	33AlpPer	35	49270
02-AUG-2011 02:40:02	13AlpAur	6	49270

02-AUG-2011 02:41:53	45EpsPer	149	49270
02-AUG-2011 02:45:19	12BetTau	28	49270
02-AUG-2011 02:47:25	23ZetTau	176	49270
02-AUG-2011 02:49:59	87AlpTau	13	49270
02-AUG-2011 02:51:58	24GamOri	27	49270
02-AUG-2011 02:53:53	46EpsOri	30	49270
02-AUG-2011 02:56:23	19BetOri	7	49270
02-AUG-2011 03:01:10	34GamEri	165	49270
02-AUG-2011 03:05:55	DSA1061	0	49270
02-AUG-2011 03:10:34	The1Eri	157	49270
02-AUG-2011 03:15:56	AlpEri	9	49271
02-AUG-2011 03:20:51	AlpPhe	84	49271
02-AUG-2011 03:26:01	AlpGru	31	49271
02-AUG-2011 03:29:08	GamGru	172	49271
02-AUG-2011 03:36:37	49DelCap	142	49271
02-AUG-2011 03:44:41	53AlpAql	11	49271
02-AUG-2011 03:53:06	53EpsCyg	92	49271
02-AUG-2011 03:55:10	18DelCyg	144	49271
02-AUG-2011 04:01:38	5AlpCep	89	49271
02-AUG-2011 04:16:23	23GamPer	160	49271
02-AUG-2011 04:18:04	33AlpPer	35	49271
02-AUG-2011 04:20:16	13AlpAur	6	49271
02-AUG-2011 04:22:07	45EpsPer	149	49271
02-AUG-2011 04:25:33	12BetTau	28	49271
02-AUG-2011 04:27:39	23ZetTau	176	49271
02-AUG-2011 04:30:13	87AlpTau	13	49271
02-AUG-2011 04:32:12	24GamOri	27	49271
02-AUG-2011 04:34:07	46EpsOri	30	49271
02-AUG-2011 04:36:38	19BetOri	7	49271
02-AUG-2011 04:41:25	34GamEri	165	49271
02-AUG-2011 04:46:10	DSA1061	0	49271
02-AUG-2011 04:50:49	The1Eri	157	49271
02-AUG-2011 04:56:11	AlpEri	9	49272
02-AUG-2011 05:01:06	AlpPhe	84	49272
02-AUG-2011 05:06:16	AlpGru	31	49272
02-AUG-2011 05:09:22	GamGru	172	49272
02-AUG-2011 05:16:51	49DelCap	142	49272
02-AUG-2011 05:24:55	53AlpAql	11	49272
02-AUG-2011 05:33:20	53EpsCyg	92	49272
02-AUG-2011 05:35:24	18DelCyg	144	49272
02-AUG-2011 05:41:52	5AlpCep	89	49272
02-AUG-2011 05:56:36	23GamPer	160	49272
02-AUG-2011 05:58:18	33AlpPer	35	49272
02-AUG-2011 06:00:30	13AlpAur	6	49272
02-AUG-2011 06:02:21	45EpsPer	149	49272
02-AUG-2011 06:05:47	12BetTau	28	49272
02-AUG-2011 06:07:53	23ZetTau	176	49272
02-AUG-2011 06:10:27	87AlpTau	13	49272
02-AUG-2011 06:12:27	24GamOri	27	49272
02-AUG-2011 06:14:22	46EpsOri	30	49272
02-AUG-2011 06:16:52	19BetOri	7	49272
02-AUG-2011 06:21:40	34GamEri	165	49272
02-AUG-2011 06:26:24	DSA1061	0	49272
02-AUG-2011 06:31:04	The1Eri	157	49272
02-AUG-2011 06:36:25	AlpEri	9	49273
02-AUG-2011 06:41:21	AlpPhe	84	49273
02-AUG-2011 06:46:30	AlpGru	31	49273
02-AUG-2011 06:49:37	GamGru	172	49273
02-AUG-2011 06:57:05	49DelCap	142	49273

02-AUG-2011 07:05:09	53AlpAql	11	49273
02-AUG-2011 07:13:33	53EpsCyg	92	49273
02-AUG-2011 07:15:38	18DelCyg	144	49273
02-AUG-2011 07:22:05	5AlpCep	89	49273
02-AUG-2011 16:58:30	49DelCap	142	49279
02-AUG-2011 17:06:33	53AlpAql	11	49279
02-AUG-2011 17:14:54	53EpsCyg	92	49279
02-AUG-2011 17:17:01	18DelCyg	144	49279
02-AUG-2011 17:23:27	5AlpCep	89	49279
02-AUG-2011 17:38:11	23GamPer	160	49279
02-AUG-2011 17:39:54	33AlpPer	35	49279
02-AUG-2011 17:42:08	13AlpAur	6	49279
02-AUG-2011 17:43:58	45EpsPer	149	49279
02-AUG-2011 17:47:26	12BetTau	28	49279
02-AUG-2011 17:49:33	23ZetTau	176	49279
02-AUG-2011 17:52:08	87AlpTau	13	49279
02-AUG-2011 17:54:07	24GamOri	27	49279
02-AUG-2011 17:56:02	46EpsOri	30	49279
02-AUG-2011 17:58:33	19BetOri	7	49279
02-AUG-2011 18:03:25	34GamEri	165	49279
02-AUG-2011 18:08:07	DSA1061	0	49279
02-AUG-2011 18:12:49	The1Eri	157	49280
02-AUG-2011 18:18:08	AlpEri	9	49280
02-AUG-2011 18:23:06	AlpPhe	84	49280
02-AUG-2011 18:28:12	AlpGru	31	49280
02-AUG-2011 18:31:18	GamGru	172	49280
02-AUG-2011 18:38:44	49DelCap	142	49280
02-AUG-2011 18:42:46	22BetAqr	154	49280
02-AUG-2011 18:46:47	53AlpAql	11	49280
02-AUG-2011 18:55:08	53EpsCyg	92	49280
02-AUG-2011 18:57:14	18DelCyg	144	49280
02-AUG-2011 19:03:40	5AlpCep	89	49280
02-AUG-2011 19:18:25	23GamPer	160	49280
02-AUG-2011 19:20:07	33AlpPer	35	49280
02-AUG-2011 19:22:22	13AlpAur	6	49280
02-AUG-2011 19:24:12	45EpsPer	149	49280
02-AUG-2011 19:27:40	12BetTau	28	49280
02-AUG-2011 19:29:47	23ZetTau	176	49280
02-AUG-2011 19:32:23	87AlpTau	13	49280
02-AUG-2011 19:34:21	24GamOri	27	49280
02-AUG-2011 19:36:16	46EpsOri	30	49280
02-AUG-2011 19:38:48	19BetOri	7	49280
02-AUG-2011 19:43:40	34GamEri	165	49280
02-AUG-2011 19:48:22	DSA1061	0	49280
02-AUG-2011 19:53:04	The1Eri	157	49281
02-AUG-2011 19:58:23	AlpEri	9	49281
02-AUG-2011 20:03:21	AlpPhe	84	49281

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_1PNPDE20110802_000015_000000543105_00117_49269_0163.N1	02-AUG-2011 00:00:15	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49269	No
2	GOM_TRA_1PNPDE20110802_000527_000000453105_00117_49269_0164.N1	02-AUG-2011 00:05:27	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49269	No
3	GOM_TRA_1PNPDE20110802_000834_000000463105_00117_49269_0165.N1	02-AUG-2011 00:08:34	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	49269	No
4	GOM_TRA_1PNPDE20110802_001604_000000403105_00117_49269_0166.N1	02-AUG-2011 00:16:04	Bright	40.000	142	49Del Cap	2.8500	8900.0	80	49269	No
5	GOM_TRA_1PNPDE20110802_002408_000000383105_00117_49269_0167.N1	02-AUG-2011 00:24:08	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	49269	No
6	GOM_TRA_1PNPDE20110802_003234_000000423105_00117_49269_0168.N1	02-AUG-2011 00:32:34	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	49269	No
7	GOM_TRA_1PNPDE20110802_003437_000000373105_00117_49269_0169.N1	02-AUG-2011 00:34:37	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49269	No

8	GOM_TRA_1PNPDE20110802_004106_000000383105_00117_49269_0170.N1	02-AUG-2011 00:41:06	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49269	No
9	GOM_TRA_1PNPDE20110802_005550_000000493105_00117_49269_0171.N1	02-AUG-2011 00:55:50	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	49269	No
10	GOM_TRA_1PNPDE20110802_005731_000000513105_00117_49269_0172.N1	02-AUG-2011 00:57:31	Bright	50.500	35	33Alp Per	1.7950	6250.0	101	49269	No
11	GOM_TRA_1PNPDE20110802_005943_000000443105_00117_49269_0173.N1	02-AUG-2011 00:59:43	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	49269	No
12	GOM_TRA_1PNPDE20110802_010134_000000473105_00117_49269_0174.N1	02-AUG-2011 01:01:34	Bright	46.500	149	45Eps Per	2.8880	30000.	93	49269	No
13	GOM_TRA_1PNPDE20110802_010459_000000463105_00117_49269_0175.N1	02-AUG-2011 01:04:59	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	49269	No
14	GOM_TRA_1PNPDE20110802_010705_000000403105_00117_49269_0176.N1	02-AUG-2011 01:07:05	Twilight	39.500	176	23Zet Tau	3.0200	22000.	79	49269	No
15	GOM_TRA_1PNPDE20110802_010939_000000543105_00117_49269_0177.N1	02-AUG-2011 01:09:39	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	49269	No
16	GOM_TRA_1PNPDE20110802_011138_000000433105_00117_49269_0178.N1	02-AUG-2011 01:11:38	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	49269	No
17	GOM_TRA_1PNPDE20110802_011333_000000413105_00117_49269_0179.N1	02-AUG-2011 01:13:33	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	49269	No
18	GOM_TRA_1PNPDE20110802_011603_000000413105_00117_49269_0180.N1	02-AUG-2011 01:16:03	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	49269	No
19	GOM_TRA_1PNPDE20110802_012050_000000603105_00117_49269_0221.N1	02-AUG-2011 01:20:50	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	49269	No
20	GOM_TRA_1PNPDE20110802_013014_000000463105_00117_49269_0222.N1	02-AUG-2011 01:30:14	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49269	No
21	GOM_TRA_1PNPDE20110802_013536_000000533105_00118_49270_0223.N1	02-AUG-2011 01:35:36	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49270	No
22	GOM_TRA_1PNPDE20110802_014030_000000553105_00118_49270_0224.N1	02-AUG-2011 01:40:30	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49270	No
23	GOM_TRA_1PNPDE20110802_014541_000000483105_00118_49270_0225.N1	02-AUG-2011 01:45:41	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49270	No
24	GOM_TRA_1PNPDE20110802_014848_000000463105_00118_49270_0226.N1	02-AUG-2011 01:48:48	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49270	No
25	GOM_TRA_1PNPDE20110802_015617_000000453105_00118_49270_0227.N1	02-AUG-2011 01:56:17	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	49270	No
26	GOM_TRA_1PNPDE20110802_020422_000000383105_00118_49270_0228.N1	02-AUG-2011 02:04:22	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49270	No
27	GOM_TRA_1PNPDE20110802_021247_000000463105_00118_49270_0229.N1	02-AUG-2011 02:12:47	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	49270	No
28	GOM_TRA_1PNPDE20110802_021451_000000383105_00118_49270_0230.N1	02-AUG-2011 02:14:51	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49270	No
29	GOM_TRA_1PNPDE20110802_022119_000000373105_00118_49270_0231.N1	02-AUG-2011 02:21:19	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	49270	No
30	GOM_TRA_1PNPDE20110802_023603_000000563105_00118_49270_0232.N1	02-AUG-2011 02:36:03	Bright	55.500	160	23Gam Per	2.9300	4700.0	111	49270	No
31	GOM_TRA_1PNPDE20110802_023745_000000493105_00118_49270_0233.N1	02-AUG-2011 02:37:45	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	49270	No
32	GOM_TRA_1PNPDE20110802_023957_000000423105_00118_49270_0234.N1	02-AUG-2011 02:39:57	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49270	No
33	GOM_TRA_1PNPDE20110802_024148_000000503105_00118_49270_0235.N1	02-AUG-2011 02:41:48	Bright	50.000	149	45Eps Per	2.8880	30000.	100	49270	No
34	GOM_TRA_1PNPDE20110802_024514_000000463105_00118_49270_0236.N1	02-AUG-2011 02:45:14	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	49270	No
35	GOM_TRA_1PNPDE20110802_024720_000000413105_00118_49270_0237.N1	02-AUG-2011 02:47:20	Twilight	40.500	176	23Zet Tau	3.0200	22000.	81	49270	No
36	GOM_TRA_1PNPDE20110802_024953_000000473105_00118_49270_0238.N1	02-AUG-2011 02:49:53	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	49270	No
37	GOM_TRA_1PNPDE20110802_025153_000000403105_00118_49270_0239.N1	02-AUG-2011 02:51:53	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	49270	No
38	GOM_TRA_1PNPDE20110802_025347_000000383105_00118_49270_0240.N1	02-AUG-2011 02:53:47	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	49270	No
39	GOM_TRA_1PNPDE20110802_025618_000000463105_00118_49270_0241.N1	02-AUG-2011 02:56:18	Dark	46.000	7	19Bet Ori	0.10000	14000.	92	49270	No
40	GOM_TRA_1PNPDE20110802_030105_000000573105_00118_49270_0242.N1	02-AUG-2011 03:01:05	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	49270	No
41	GOM_TRA_1PNPDE20110802_031028_000000503105_00118_49270_0243.N1	02-AUG-2011 03:10:28	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49270	No
42	GOM_TRA_1PNPDE20110802_031551_000000503105_00119_49271_0244.N1	02-AUG-2011 03:15:51	Dark	49.500	9	Alp Eri	0.45300	24000.	99	49271	No
43	GOM_TRA_1PNPDE20110802_032045_000000553105_00119_49271_0245.N1	02-AUG-2011 03:20:45	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49271	No
44	GOM_TRA_1PNPDE20110802_032556_000000453105_00119_49271_0246.N1	02-AUG-2011 03:25:56	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49271	No
45	GOM_TRA_1PNPDE20110802_032902_000000463105_00119_49271_0247.N1	02-AUG-2011 03:29:02	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49271	No
46	GOM_TRA_1PNPDE20110802_033632_000000453105_00119_49271_0248.N1	02-AUG-2011 03:36:32	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	49271	No
47	GOM_TRA_1PNPDE20110802_034436_000000383105_00119_49271_0249.N1	02-AUG-2011 03:44:36	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49271	No
48	GOM_TRA_1PNPDE20110802_035301_000000453105_00119_49271_0250.N1	02-AUG-2011 03:53:01	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	49271	No
49	GOM_TRA_1PNPDE20110802_035505_000000373105_00119_49271_0251.N1	02-AUG-2011 03:55:05	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49271	No
50	GOM_TRA_1PNPDE20110802_040133_000000383105_00119_49271_0252.N1	02-AUG-2011 04:01:33	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49271	No
51	GOM_TRA_1PNPDE20110802_041617_000000453105_00119_49271_0262.N1	02-AUG-2011 04:16:17	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	49271	No
52	GOM_TRA_1PNPDE20110802_041759_000000503105_00119_49271_0263.N1	02-AUG-2011 04:17:59	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49271	No
53	GOM_TRA_1PNPDE20110802_042011_000000443105_00119_49271_0264.N1	02-AUG-2011 04:20:11	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	49271	No
54	GOM_TRA_1PNPDE20110802_042202_000000483105_00119_49271_0265.N1	02-AUG-2011 04:22:02	Bright	48.000	149	45Eps Per	2.8880	30000.	96	49271	No
55	GOM_TRA_1PNPDE20110802_042528_000000433105_00119_49271_0266.N1	02-AUG-2011 04:25:28	Bright	43.000	28	12Bet Tau	1.6500	15200.	86	49271	No
56	GOM_TRA_1PNPDE20110802_042734_000000383105_00119_49271_0267.N1	02-AUG-2011 04:27:34	Twilight	37.500	176	23Zet Tau	3.0200	22000.	75	49271	No
57	GOM_TRA_1PNPDE20110802_043008_000000573105_00119_49271_0268.N1	02-AUG-2011 04:30:08	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	49271	No
58	GOM_TRA_1PNPDE20110802_043207_000000403105_00119_49271_0269.N1	02-AUG-2011 04:32:07	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	49271	No
59	GOM_TRA_1PNPDE20110802_043402_000000423105_00119_49271_0270.N1	02-AUG-2011 04:34:02	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	49271	No
60	GOM_TRA_1PNPDE20110802_043632_000000473105_00119_49271_0271.N1	02-AUG-2011 04:36:32	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	49271	No
61	GOM_TRA_1PNPDE20110802_044120_000000583105_00119_49271_0272.N1	02-AUG-2011 04:41:20	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	49271	No
62	GOM_TRA_1PNPDE20110802_045043_000000483105_00119_49271_0273.N1	02-AUG-2011 04:50:43	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49271	No
63	GOM_TRA_1PNPDE20110802_045605_000000433105_00120_49272_0274.N1	02-AUG-2011 04:56:05	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49272	No
64	GOM_TRA_1PNPDE20110802_050100_000000603105_00120_49272_0275.N1	02-AUG-2011 05:01:00	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	49272	No
65	GOM_TRA_1PNPDE20110802_050610_000000443105_00120_49272_0276.N1	02-AUG-2011 05:06:10	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49272	No
66	GOM_TRA_1PNPDE20110802_050917_000000453105_00120_49272_0277.N1	02-AUG-2011 05:09:17	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	49272	No

67	GOM_TRA_1PNPDE20110802_051646_000000503105_00120_49272_0278.N1	02-AUG-2011 05:16:46	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	49272	No
68	GOM_TRA_1PNPDE20110802_052450_000000383105_00120_49272_0279.N1	02-AUG-2011 05:24:50	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49272	No
69	GOM_TRA_1PNPDE20110802_053314_000000443105_00120_49272_0280.N1	02-AUG-2011 05:33:14	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	49272	No
70	GOM_TRA_1PNPDE20110802_053518_000000383105_00120_49272_0281.N1	02-AUG-2011 05:35:18	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	49272	No
71	GOM_TRA_1PNPDE20110802_054146_000000403105_00120_49272_0282.N1	02-AUG-2011 05:41:46	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49272	No
72	GOM_TRA_1PNPDE20110802_055631_000000483105_00120_49272_0311.N1	02-AUG-2011 05:56:31	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	49272	No
73	GOM_TRA_1PNPDE20110802_055813_000000503105_00120_49272_0312.N1	02-AUG-2011 05:58:13	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	49272	No
74	GOM_TRA_1PNPDE20110802_060025_000000433105_00120_49272_0313.N1	02-AUG-2011 06:00:25	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49272	No
75	GOM_TRA_1PNPDE20110802_060216_000000483105_00120_49272_0314.N1	02-AUG-2011 06:02:16	Bright	47.500	149	45Eps Per	2.8880	30000.	95	49272	No
76	GOM_TRA_1PNPDE20110802_060542_000000433105_00120_49272_0315.N1	02-AUG-2011 06:05:42	Bright	42.500	28	12Bet Tau	1.6500	15200.	85	49272	No
77	GOM_TRA_1PNPDE20110802_060748_000000393105_00120_49272_0316.N1	02-AUG-2011 06:07:48	Tw_i_and_stray	38.500	176	23Zet Tau	3.0200	22000.	77	49272	No
78	GOM_TRA_1PNPDE20110802_061022_000000563105_00120_49272_0317.N1	02-AUG-2011 06:10:22	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	49272	No
79	GOM_TRA_1PNPDE20110802_061221_000000433105_00120_49272_0318.N1	02-AUG-2011 06:12:21	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	49272	No
80	GOM_TRA_1PNPDE20110802_061416_000000423105_00120_49272_0319.N1	02-AUG-2011 06:14:16	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49272	No
81	GOM_TRA_1PNPDE20110802_061647_000000483105_00120_49272_0320.N1	02-AUG-2011 06:16:47	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	49272	No
82	GOM_TRA_1PNPDE20110802_062135_000000563105_00120_49272_0321.N1	02-AUG-2011 06:21:35	Dark	55.500	165	34Gam Eri	2.9500	3200.0	111	49272	No
83	GOM_TRA_1PNPDE20110802_063059_000000463105_00120_49272_0322.N1	02-AUG-2011 06:30:59	Dark	46.000	157	The1Eri	2.9060	9300.0	92	49272	No
84	GOM_TRA_1PNPDE20110802_063620_000000573105_00121_49273_0323.N1	02-AUG-2011 06:36:20	Dark	57.000	9	Alp Eri	0.45300	24000.	114	49273	No
85	GOM_TRA_1PNPDE20110802_064115_000000553105_00121_49273_0324.N1	02-AUG-2011 06:41:15	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49273	No
86	GOM_TRA_1PNPDE20110802_064625_000000443105_00121_49273_0325.N1	02-AUG-2011 06:46:25	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49273	No
87	GOM_TRA_1PNPDE20110802_064931_000000443105_00121_49273_0326.N1	02-AUG-2011 06:49:31	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	49273	No
88	GOM_TRA_1PNPDE20110802_065700_000000513105_00121_49273_0327.N1	02-AUG-2011 06:57:00	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49273	No
89	GOM_TRA_1PNPDE20110802_070504_000000383105_00121_49273_0328.N1	02-AUG-2011 07:05:04	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49273	No
90	GOM_TRA_1PNPDE20110802_071328_000000443105_00121_49273_0329.N1	02-AUG-2011 07:13:28	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	49273	No
91	GOM_TRA_1PNPDE20110802_071533_000000373105_00121_49273_0330.N1	02-AUG-2011 07:15:33	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49273	No
92	GOM_TRA_1PNPDE20110802_072200_000000403105_00121_49273_0331.N1	02-AUG-2011 07:22:00	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49273	No
93	GOM_TRA_1PNPDK20110802_073644_000000493105_00121_49273_4481.N1	02-AUG-2011 07:36:44	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	49273	No
94	GOM_TRA_1PNPDK20110802_073826_000000523105_00121_49273_4482.N1	02-AUG-2011 07:38:26	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	49273	No
95	GOM_TRA_1PNPDK20110802_074039_000000413105_00121_49273_4483.N1	02-AUG-2011 07:40:39	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	49273	No
96	GOM_TRA_1PNPDK20110802_074230_000000503105_00121_49273_4484.N1	02-AUG-2011 07:42:30	Bright	50.000	149	45Eps Per	2.8880	30000.	100	49273	No
97	GOM_TRA_1PNPDK20110802_074556_000000453105_00121_49273_4485.N1	02-AUG-2011 07:45:56	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	49273	No
98	GOM_TRA_1PNPDK20110802_074802_000000393105_00121_49273_4486.N1	02-AUG-2011 07:48:02	Tw_i_and_stray	38.500	176	23Zet Tau	3.0200	22000.	77	49273	No
99	GOM_TRA_1PNPDK20110802_075036_000000583105_00121_49273_4487.N1	02-AUG-2011 07:50:36	Dark	57.500	13	87Alp Tau	0.86700	3800.0	115	49273	No
100	GOM_TRA_1PNPDK20110802_075236_000000423105_00121_49273_4488.N1	02-AUG-2011 07:52:36	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	49273	No
101	GOM_TRA_1PNPDK20110802_075430_000000423105_00121_49273_4489.N1	02-AUG-2011 07:54:30	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49273	No
102	GOM_TRA_1PNPDK20110802_075701_000000493105_00121_49273_4490.N1	02-AUG-2011 07:57:01	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	49273	No
103	GOM_TRA_1PNPDK20110802_080150_000000573105_00121_49273_4491.N1	02-AUG-2011 08:01:50	Dark	57.000	165	34Gam Eri	2.9500	3200.0	114	49273	No
104	GOM_TRA_1PNPDK20110802_081114_000000473105_00121_49273_4492.N1	02-AUG-2011 08:11:14	Dark	47.000	157	The1Eri	2.9060	9300.0	94	49273	No
105	GOM_TRA_1PNPDK20110802_081635_000000433105_00122_49274_4493.N1	02-AUG-2011 08:16:35	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49274	No
106	GOM_TRA_1PNPDK20110802_082130_000000573105_00122_49274_4494.N1	02-AUG-2011 08:21:30	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	49274	No
107	GOM_TRA_1PNPDK20110802_082639_000000483105_00122_49274_4495.N1	02-AUG-2011 08:26:39	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49274	No
108	GOM_TRA_1PNPDK20110802_082946_000000463105_00122_49274_4496.N1	02-AUG-2011 08:29:46	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	49274	No
109	GOM_TRA_1PNPDK20110802_083714_000000523105_00122_49274_4497.N1	02-AUG-2011 08:37:14	Bright	51.500	142	49Del Cap	2.8500	8900.0	103	49274	No
110	GOM_TRA_1PNPDK20110802_084518_000000373105_00122_49274_4522.N1	02-AUG-2011 08:45:18	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	49274	No
111	GOM_TRA_1PNPDK20110802_085341_000000553105_00122_49274_4523.N1	02-AUG-2011 08:53:41	Bright	55.000	92	53Eps Cyg	2.5000	4500.0	110	49274	No
112	GOM_TRA_1PNPDK20110802_085546_000000383105_00122_49274_4524.N1	02-AUG-2011 08:55:46	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	49274	No
113	GOM_TRA_1PNPDK20110802_090214_000000403105_00122_49274_4525.N1	02-AUG-2011 09:02:14	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49274	No
114	GOM_TRA_1PNPDK20110802_091658_000000553105_00122_49274_4526.N1	02-AUG-2011 09:16:58	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	49274	No
115	GOM_TRA_1PNPDK20110802_091840_000000513105_00122_49274_4527.N1	02-AUG-2011 09:18:40	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	49274	No
116	GOM_TRA_1PNPDK20110802_092053_000000463105_00122_49274_4528.N1	02-AUG-2011 09:20:53	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	49274	No
117	GOM_TRA_1PNPDK20110802_092244_000000473105_00122_49274_4529.N1	02-AUG-2011 09:22:44	Bright	46.500	149	45Eps Per	2.8880	30000.	93	49274	No
118	GOM_TRA_1PNPDK20110802_092610_000000453105_00122_49274_4530.N1	02-AUG-2011 09:26:10	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	49274	No
119	GOM_TRA_1PNPDK20110802_092817_000000413105_00122_49274_4531.N1	02-AUG-2011 09:28:17	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	49274	No
120	GOM_TRA_1PNPDK20110802_093051_000000573105_00122_49274_4532.N1	02-AUG-2011 09:30:51	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	49274	No
121	GOM_TRA_1PNPDK20110802_093250_000000443105_00122_49274_4533.N1	02-AUG-2011 09:32:50	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	49274	No
122	GOM_TRA_1PNPDK20110802_093445_000000443105_00122_49274_4534.N1	02-AUG-2011 09:34:45	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	49274	No
123	GOM_TRA_1PNPDK20110802_093716_000000503105_00122_49274_4535.N1	02-AUG-2011 09:37:16	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	49274	No
124	GOM_TRA_1PNPDK20110802_094205_000000573105_00122_49274_4536.N1	02-AUG-2011 09:42:05	Dark	57.000	165	34Gam Eri	2.9500	3200.0	114	49274	No
125	GOM_TRA_1PNPDK20110802_095128_000000483105_00122_49274_4537.N1	02-AUG-2011 09:51:28	Dark	47.500	157	The1Eri	2.9060	9300.0	95	49274	No

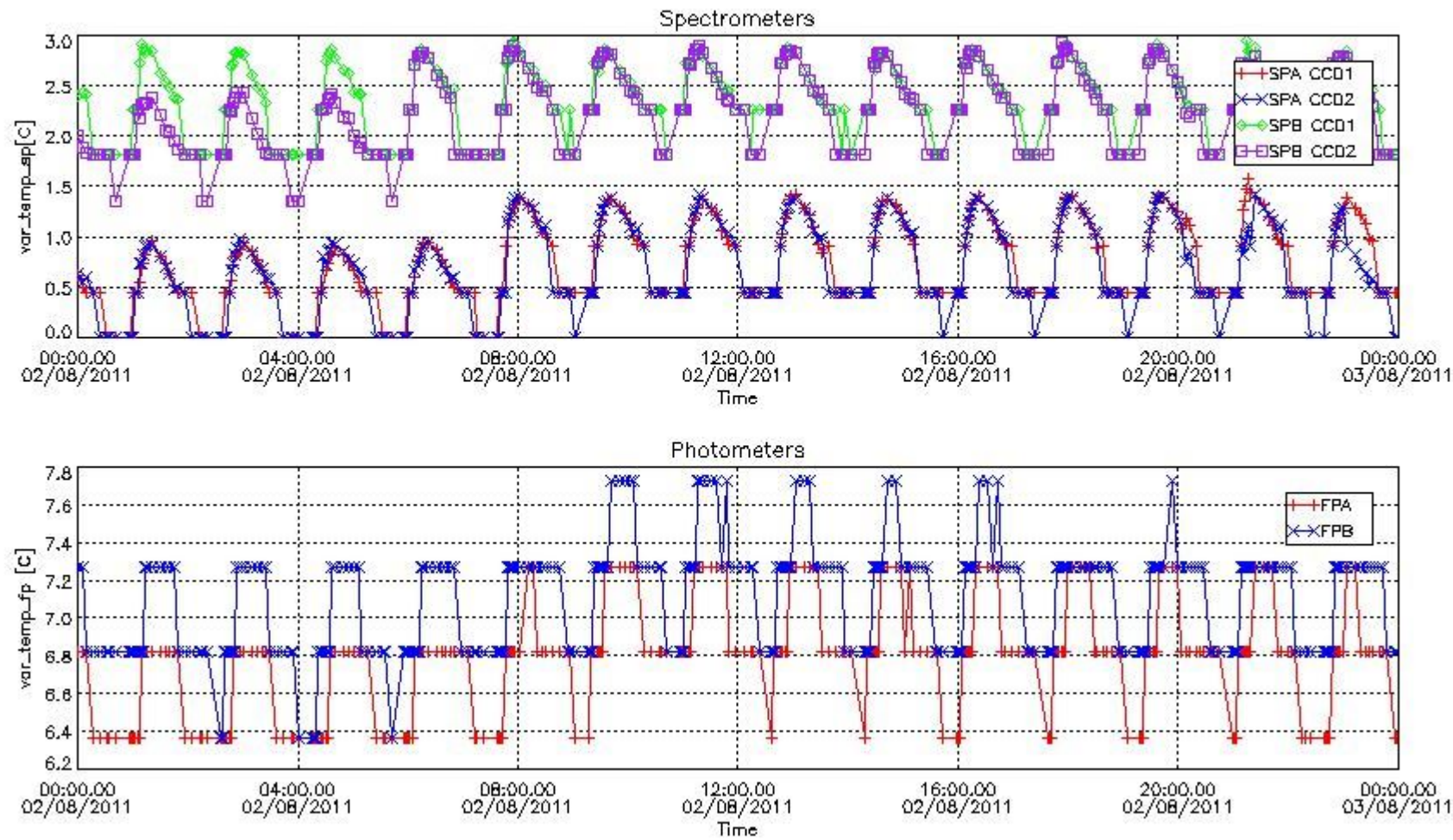
126	GOM_TRA_1PNPDK20110802_095650_000000433105_00123_49275_4538.N1	02-AUG-2011 09:56:50	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49275	No
127	GOM_TRA_1PNPDK20110802_100145_000000543105_00123_49275_4539.N1	02-AUG-2011 10:01:45	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49275	No
128	GOM_TRA_1PNPDK20110802_100654_000000483105_00123_49275_4540.N1	02-AUG-2011 10:06:54	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49275	No
129	GOM_TRA_1PNPDK20110802_101000_000000463105_00123_49275_4541.N1	02-AUG-2011 10:10:00	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	49275	No
130	GOM_TRA_1PNPDK20110802_101728_000000523105_00123_49275_4542.N1	02-AUG-2011 10:17:28	Bright	51.500	142	49Del Cap	2.8500	8900.0	103	49275	No
131	GOM_TRA_1PNPDK20110802_102532_000000383105_00123_49275_4552.N1	02-AUG-2011 10:25:32	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49275	No
132	GOM_TRA_1PNPDK20110802_103355_000000423105_00123_49275_4553.N1	02-AUG-2011 10:33:55	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	49275	No
133	GOM_TRA_1PNPDK20110802_103600_000000383105_00123_49275_4554.N1	02-AUG-2011 10:36:00	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49275	No
134	GOM_TRA_1PNPDK20110802_104227_000000413105_00123_49275_4555.N1	02-AUG-2011 10:42:27	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49275	No
135	GOM_TRA_1PNPDK20110802_105712_000000603105_00123_49275_4556.N1	02-AUG-2011 10:57:12	Bright	60.000	160	23Gam Per	2.9300	4700.0	120	49275	No
136	GOM_TRA_1PNPDK20110802_105853_000000503105_00123_49275_4557.N1	02-AUG-2011 10:58:53	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49275	No
137	GOM_TRA_1PNPDK20110802_110106_000000423105_00123_49275_4558.N1	02-AUG-2011 11:01:06	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49275	No
138	GOM_TRA_1PNPDK20110802_110257_000000473105_00123_49275_4559.N1	02-AUG-2011 11:02:57	Bright	47.000	149	45Eps Per	2.8880	30000.	94	49275	No
139	GOM_TRA_1PNPDK20110802_110624_000000473105_00123_49275_4560.N1	02-AUG-2011 11:06:24	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	49275	No
140	GOM_TRA_1PNPDK20110802_110831_000000433105_00123_49275_4561.N1	02-AUG-2011 11:08:31	Tw_i_and_stray	42.500	176	23Zet Tau	3.0200	22000.	85	49275	No
141	GOM_TRA_1PNPDK20110802_111105_000000593105_00123_49275_4562.N1	02-AUG-2011 11:11:05	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	49275	No
142	GOM_TRA_1PNPDK20110802_111304_000000453105_00123_49275_4563.N1	02-AUG-2011 11:13:04	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	49275	No
143	GOM_TRA_1PNPDK20110802_111459_000000443105_00123_49275_4564.N1	02-AUG-2011 11:14:59	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	49275	No
144	GOM_TRA_1PNPDK20110802_111730_000000493105_00123_49275_4565.N1	02-AUG-2011 11:17:30	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	49275	No
145	GOM_TRA_1PNPDK20110802_112220_000000563105_00123_49275_4566.N1	02-AUG-2011 11:22:20	Dark	55.500	165	34Gam Eri	2.9500	3200.0	111	49275	No
146	GOM_TRA_1PNPDK20110802_113143_000000483105_00123_49275_4567.N1	02-AUG-2011 11:31:43	Dark	47.500	157	The1Eri	2.9060	9300.0	95	49275	No
147	GOM_TRA_1PNPDK20110802_113704_000000463105_00124_49276_4568.N1	02-AUG-2011 11:37:04	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49276	No
148	GOM_TRA_1PNPDK20110802_114200_000000563105_00124_49276_4569.N1	02-AUG-2011 11:42:00	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49276	No
149	GOM_TRA_1PNPDK20110802_114708_000000453105_00124_49276_4570.N1	02-AUG-2011 11:47:08	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49276	No
150	GOM_TRA_1PNPDK20110802_115015_000000453105_00124_49276_4571.N1	02-AUG-2011 11:50:15	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49276	No
151	GOM_TRA_1PNPDK20110802_115742_000000513105_00124_49276_4572.N1	02-AUG-2011 11:57:42	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49276	No
152	GOM_TRA_1PNPDK20110802_120546_000000383105_00124_49276_4593.N1	02-AUG-2011 12:05:46	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	49276	No
153	GOM_TRA_1PNPDK20110802_121408_000000443105_00124_49276_4594.N1	02-AUG-2011 12:14:08	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	49276	No
154	GOM_TRA_1PNPDK20110802_121614_000000383105_00124_49276_4595.N1	02-AUG-2011 12:16:14	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49276	No
155	GOM_TRA_1PNPDK20110802_122241_000000403105_00124_49276_4596.N1	02-AUG-2011 12:22:41	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49276	No
156	GOM_TRA_1PNPDK20110802_123725_000000483105_00124_49276_4597.N1	02-AUG-2011 12:37:25	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49276	No
157	GOM_TRA_1PNPDK20110802_123907_000000523105_00124_49276_4598.N1	02-AUG-2011 12:39:07	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	49276	No
158	GOM_TRA_1PNPDK20110802_124120_000000453105_00124_49276_4599.N1	02-AUG-2011 12:41:20	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	49276	No
159	GOM_TRA_1PNPDK20110802_124311_000000453105_00124_49276_4600.N1	02-AUG-2011 12:43:11	Bright	44.500	149	45Eps Per	2.8880	30000.	89	49276	No
160	GOM_TRA_1PNPDK20110802_124638_000000453105_00124_49276_4601.N1	02-AUG-2011 12:46:38	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	49276	No
161	GOM_TRA_1PNPDK20110802_124845_000000433105_00124_49276_4602.N1	02-AUG-2011 12:48:45	Tw_i_and_stray	43.000	176	23Zet Tau	3.0200	22000.	86	49276	No
162	GOM_TRA_1PNPDK20110802_125119_000000573105_00124_49276_4603.N1	02-AUG-2011 12:51:19	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	49276	No
163	GOM_TRA_1PNPDK20110802_125319_000000463105_00124_49276_4604.N1	02-AUG-2011 12:53:19	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	49276	No
164	GOM_TRA_1PNPDK20110802_125513_000000443105_00124_49276_4605.N1	02-AUG-2011 12:55:13	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	49276	No
165	GOM_TRA_1PNPDK20110802_125745_000000483105_00124_49276_4606.N1	02-AUG-2011 12:57:45	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	49276	No
166	GOM_TRA_1PNPDK20110802_130235_000000593105_00124_49276_4607.N1	02-AUG-2011 13:02:35	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	49276	No
167	GOM_TRA_1PNPDK20110802_131158_000000473105_00124_49276_4608.N1	02-AUG-2011 13:11:58	Dark	46.500	157	The1Eri	2.9060	9300.0	93	49276	No
168	GOM_TRA_1PNPDK20110802_131719_000000463105_00125_49277_4609.N1	02-AUG-2011 13:17:19	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49277	No
169	GOM_TRA_1PNPDK20110802_132215_000000563105_00125_49277_4610.N1	02-AUG-2011 13:22:15	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49277	No
170	GOM_TRA_1PNPDK20110802_132723_000000463105_00125_49277_4611.N1	02-AUG-2011 13:27:23	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	49277	No
171	GOM_TRA_1PNPDK20110802_133029_000000463105_00125_49277_4612.N1	02-AUG-2011 13:30:29	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	49277	No
172	GOM_TRA_1PNPDK20110802_133756_000000523105_00125_49277_4632.N1	02-AUG-2011 13:37:56	Bright	51.500	142	49Del Cap	2.8500	8900.0	103	49277	No
173	GOM_TRA_1PNPDK20110802_134600_000000373105_00125_49277_4633.N1	02-AUG-2011 13:46:00	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	49277	No
174	GOM_TRA_1PNPDK20110802_135422_000000413105_00125_49277_4634.N1	02-AUG-2011 13:54:22	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49277	No
175	GOM_TRA_1PNPDK20110802_135628_000000373105_00125_49277_4635.N1	02-AUG-2011 13:56:28	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	49277	No
176	GOM_TRA_1PNPDK20110802_140254_000000413105_00125_49277_4636.N1	02-AUG-2011 14:02:54	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49277	No
177	GOM_TRA_1PNPDK20110802_141739_000000513105_00125_49277_4637.N1	02-AUG-2011 14:17:39	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	49277	No
178	GOM_TRA_1PNPDK20110802_141921_000000503105_00125_49277_4638.N1	02-AUG-2011 14:19:21	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	49277	No
179	GOM_TRA_1PNPDK20110802_142134_000000433105_00125_49277_4639.N1	02-AUG-2011 14:21:34	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49277	No
180	GOM_TRA_1PNPDK20110802_142325_000000483105_00125_49277_4640.N1	02-AUG-2011 14:23:25	Bright	48.000	149	45Eps Per	2.8880	30000.	96	49277	No
181	GOM_TRA_1PNPDK20110802_142653_000000543105_00125_49277_4641.N1	02-AUG-2011 14:26:53	Bright	54.000	28	12Bet Tau	1.6500	15200.	108	49277	No
182	GOM_TRA_1PNPDK20110802_142859_000000433105_00125_49277_4642.N1	02-AUG-2011 14:28:59	Tw_i_and_stray	42.500	176	23Zet Tau	3.0200	22000.	85	49277	No
183	GOM_TRA_1PNPDK20110802_143134_000000603105_00125_49277_4643.N1	02-AUG-2011 14:31:34	Dark	59.500	13	87Alp Tau	0.86700	3800.0	119	49277	No
184	GOM_TRA_1PNPDK20110802_143333_000000443105_00125_49277_4644.N1	02-AUG-2011 14:33:33	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	49277	No

185	GOM_TRA_1PNPDK20110802_143528_000000453105_00125_49277_4645.N1	02-AUG-2011 14:35:28	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	49277	No
186	GOM_TRA_1PNPDK20110802_143759_000000483105_00125_49277_4646.N1	02-AUG-2011 14:37:59	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	49277	No
187	GOM_TRA_1PNPDK20110802_144250_000000573105_00125_49277_4647.N1	02-AUG-2011 14:42:50	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	49277	No
188	GOM_TRA_1PNPDK20110802_145213_000000473105_00126_49278_4648.N1	02-AUG-2011 14:52:13	Dark	46.500	157	The1Eri	2.9060	9300.0	93	49278	No
189	GOM_TRA_1PNPDK20110802_145733_000000463105_00126_49278_4649.N1	02-AUG-2011 14:57:33	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49278	No
190	GOM_TRA_1PNPDK20110802_150230_000000563105_00126_49278_4650.N1	02-AUG-2011 15:02:30	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49278	No
191	GOM_TRA_1PNPDK20110802_150737_000000433105_00126_49278_4651.N1	02-AUG-2011 15:07:37	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49278	No
192	GOM_TRA_1PNPDK20110802_151044_000000453105_00126_49278_4652.N1	02-AUG-2011 15:10:44	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	49278	No
193	GOM_TRA_1PNPDK20110802_151810_000000513105_00126_49278_4664.N1	02-AUG-2011 15:18:10	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49278	No
194	GOM_TRA_1PNPDK20110802_152614_000000383105_00126_49278_4665.N1	02-AUG-2011 15:26:14	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49278	No
195	GOM_TRA_1PNPDK20110802_153435_000000413105_00126_49278_4666.N1	02-AUG-2011 15:34:35	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49278	No
196	GOM_TRA_1PNPDK20110802_153641_000000353105_00126_49278_4667.N1	02-AUG-2011 15:36:41	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	49278	No
197	GOM_TRA_1PNPDK20110802_154308_000000393105_00126_49278_4668.N1	02-AUG-2011 15:43:08	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49278	No
198	GOM_TRA_1PNPDK20110802_155752_000000643105_00126_49278_4669.N1	02-AUG-2011 15:57:52	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	49278	No
199	GOM_TRA_1PNPDK20110802_155934_000000523105_00126_49278_4670.N1	02-AUG-2011 15:59:34	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	49278	No
200	GOM_TRA_1PNPDK20110802_160148_000000433105_00126_49278_4671.N1	02-AUG-2011 16:01:48	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	49278	No
201	GOM_TRA_1PNPDK20110802_160339_000000453105_00126_49278_4672.N1	02-AUG-2011 16:03:39	Bright	45.000	149	45Eps Per	2.8880	30000.	90	49278	No
202	GOM_TRA_1PNPDK20110802_160707_000000463105_00126_49278_4673.N1	02-AUG-2011 16:07:07	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	49278	No
203	GOM_TRA_1PNPDK20110802_160913_000000443105_00126_49278_4674.N1	02-AUG-2011 16:09:13	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	49278	No
204	GOM_TRA_1PNPDK20110802_161148_000000563105_00126_49278_4675.N1	02-AUG-2011 16:11:48	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	49278	No
205	GOM_TRA_1PNPDK20110802_161347_000000453105_00126_49278_4676.N1	02-AUG-2011 16:13:47	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	49278	No
206	GOM_TRA_1PNPDK20110802_161542_000000453105_00126_49278_4677.N1	02-AUG-2011 16:15:42	Dark	44.500	30	46Eps Ori	1.6940	30000.	89	49278	No
207	GOM_TRA_1PNPDK20110802_161814_000000503105_00126_49278_4678.N1	02-AUG-2011 16:18:14	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	49278	No
208	GOM_TRA_1PNPDK20110802_162305_000000573105_00126_49278_4679.N1	02-AUG-2011 16:23:05	Dark	57.000	165	34Gam Eri	2.9500	3200.0	114	49278	No
209	GOM_TRA_1PNPDK20110802_163228_000000483105_00127_49279_4680.N1	02-AUG-2011 16:32:28	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49279	No
210	GOM_TRA_1PNPDK20110802_163748_000000463105_00127_49279_4681.N1	02-AUG-2011 16:37:48	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49279	No
211	GOM_TRA_1PNPDK20110802_164245_000000543105_00127_49279_4682.N1	02-AUG-2011 16:42:45	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49279	No
212	GOM_TRA_1PNPDK20110802_164752_000000413105_00127_49279_4683.N1	02-AUG-2011 16:47:52	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	49279	No
213	GOM_TRA_1PNPDK20110802_165058_000000453105_00127_49279_4684.N1	02-AUG-2011 16:50:58	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	49279	No
214	GOM_TRA_1PNPDK20110802_165824_000000503105_00127_49279_4698.N1	02-AUG-2011 16:58:24	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	49279	No
215	GOM_TRA_1PNPDK20110802_170627_000000393105_00127_49279_4699.N1	02-AUG-2011 17:06:27	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	49279	No
216	GOM_TRA_1PNPDK20110802_171449_000000453105_00127_49279_4700.N1	02-AUG-2011 17:14:49	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	49279	No
217	GOM_TRA_1PNPDK20110802_171655_000000373105_00127_49279_4701.N1	02-AUG-2011 17:16:55	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49279	No
218	GOM_TRA_1PNPDK20110802_172321_000000413105_00127_49279_4702.N1	02-AUG-2011 17:23:21	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49279	No
219	GOM_TRA_1PNPDK20110802_173806_000000553105_00127_49279_4703.N1	02-AUG-2011 17:38:06	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	49279	No
220	GOM_TRA_1PNPDK20110802_173948_000000503105_00127_49279_4704.N1	02-AUG-2011 17:39:48	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49279	No
221	GOM_TRA_1PNPDK20110802_174202_000000573105_00127_49279_4705.N1	02-AUG-2011 17:42:02	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	49279	No
222	GOM_TRA_1PNPDK20110802_174353_000000483105_00127_49279_4706.N1	02-AUG-2011 17:43:53	Bright	47.500	149	45Eps Per	2.8880	30000.	95	49279	No
223	GOM_TRA_1PNPDK20110802_174721_000000573105_00127_49279_4707.N1	02-AUG-2011 17:47:21	Bright	57.000	28	12Bet Tau	1.6500	15200.	114	49279	No
224	GOM_TRA_1PNPDK20110802_174927_000000423105_00127_49279_4708.N1	02-AUG-2011 17:49:27	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	49279	No
225	GOM_TRA_1PNPDK20110802_175203_000000543105_00127_49279_4709.N1	02-AUG-2011 17:52:03	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	49279	No
226	GOM_TRA_1PNPDK20110802_175402_000000463105_00127_49279_4710.N1	02-AUG-2011 17:54:02	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	49279	No
227	GOM_TRA_1PNPDK20110802_175556_000000433105_00127_49279_4711.N1	02-AUG-2011 17:55:56	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	49279	No
228	GOM_TRA_1PNPDK20110802_175828_000000483105_00127_49279_4712.N1	02-AUG-2011 17:58:28	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	49279	No
229	GOM_TRA_1PNPDK20110802_180320_000000553105_00127_49279_4713.N1	02-AUG-2011 18:03:20	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	49279	No
230	GOM_TRA_1PNPDK20110802_181243_000000493105_00128_49280_4714.N1	02-AUG-2011 18:12:43	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49280	No
231	GOM_TRA_1PNPDK20110802_181803_000000503105_00128_49280_4715.N1	02-AUG-2011 18:18:03	Dark	50.000	9	Alp Eri	0.45300	24000.	100	49280	No
232	GOM_TRA_1PNPDK20110802_182300_000000563105_00128_49280_4716.N1	02-AUG-2011 18:23:00	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49280	No
233	GOM_TRA_1PNPDK20110802_182806_000000433105_00128_49280_4717.N1	02-AUG-2011 18:28:06	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49280	No
234	GOM_TRA_1PNPDK20110802_183112_000000443105_00128_49280_4763.N1	02-AUG-2011 18:31:12	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	49280	No
235	GOM_TRA_1PNPDK20110802_183838_000000513105_00128_49280_4764.N1	02-AUG-2011 18:38:38	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49280	No
236	GOM_TRA_1PNPDK20110802_184240_000000303105_00128_49280_4765.N1	02-AUG-2011 18:42:40	Tw_i_and_stray	30.000	154	22Bet Aqr	2.8990	5700.0	60	49280	No
237	GOM_TRA_1PNPDK20110802_184641_000000383105_00128_49280_4766.N1	02-AUG-2011 18:46:41	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	49280	No
238	GOM_TRA_1PNPDK20110802_185502_000000423105_00128_49280_4767.N1	02-AUG-2011 18:55:02	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	49280	No
239	GOM_TRA_1PNPDK20110802_185709_000000383105_00128_49280_4768.N1	02-AUG-2011 18:57:09	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	49280	No
240	GOM_TRA_1PNPDK20110802_190335_000000413105_00128_49280_4769.N1	02-AUG-2011 19:03:35	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49280	No
241	GOM_TRA_1PNPDK20110802_191819_000000713105_00128_49280_4770.N1	02-AUG-2011 19:18:19	Bright	71.000	160	23Gam Per	2.9300	4700.0	142	49280	No
242	GOM_TRA_1PNPDK20110802_192002_000000513105_00128_49280_4771.N1	02-AUG-2011 19:20:02	Bright	50.500	35	33Alp Per	1.7950	6250.0	101	49280	No
243	GOM_TRA_1PNPDK20110802_192216_000000463105_00128_49280_4772.N1	02-AUG-2011 19:22:16	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49280	No

244	GOM_TRA_1PNPDK20110802_192407_000000453105_00128_49280_4773.N1	02-AUG-2011 19:24:07	Bright	45.000	149	45Eps Per	2.8880	30000.	90	49280	No
245	GOM_TRA_1PNPDK20110802_192735_000000453105_00128_49280_4774.N1	02-AUG-2011 19:27:35	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	49280	No
246	GOM_TRA_1PNPDK20110802_192942_000000423105_00128_49280_4775.N1	02-AUG-2011 19:29:42	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	49280	No
247	GOM_TRA_1PNPDK20110802_193217_000000573105_00128_49280_4776.N1	02-AUG-2011 19:32:17	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	49280	No
248	GOM_TRA_1PNPDK20110802_193416_000000453105_00128_49280_4777.N1	02-AUG-2011 19:34:16	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	49280	No
249	GOM_TRA_1PNPDK20110802_193611_000000433105_00128_49280_4778.N1	02-AUG-2011 19:36:11	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	49280	No
250	GOM_TRA_1PNPDK20110802_193843_000000473105_00128_49280_4779.N1	02-AUG-2011 19:38:43	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	49280	No
251	GOM_TRA_1PNPDK20110802_194335_000000593105_00128_49280_4780.N1	02-AUG-2011 19:43:35	Dark	59.000	165	34Gam Eri	2.9500	3200.0	118	49280	No
252	GOM_TRA_1PNPDK20110802_195258_000000483105_00129_49281_4781.N1	02-AUG-2011 19:52:58	Dark	47.500	157	The1Eri	2.9060	9300.0	95	49281	No
253	GOM_TRA_1PNPDK20110802_195817_000000523105_00129_49281_4782.N1	02-AUG-2011 19:58:17	Dark	51.500	9	Alp Eri	0.45300	24000.	103	49281	No
254	GOM_TRA_1PNPDK20110802_200315_000000553105_00129_49281_4783.N1	02-AUG-2011 20:03:15	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49281	No
255	GOM_TRA_1PNPDE20110802_200821_000000433105_00129_49281_0485.N1	02-AUG-2011 20:08:21	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49281	No
256	GOM_TRA_1PNPDE20110802_201127_000000443105_00129_49281_0486.N1	02-AUG-2011 20:11:27	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	49281	No
257	GOM_TRA_1PNPDE20110802_201852_000000513105_00129_49281_0487.N1	02-AUG-2011 20:18:52	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49281	No
258	GOM_TRA_1PNPDE20110802_202254_000000303105_00129_49281_0488.N1	02-AUG-2011 20:22:54	Tw_i_and_stray	30.000	154	22Bet Aqr	2.8990	5700.0	60	49281	No
259	GOM_TRA_1PNPDE20110802_202655_000000383105_00129_49281_0489.N1	02-AUG-2011 20:26:55	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49281	No
260	GOM_TRA_1PNPDE20110802_203516_000000423105_00129_49281_0490.N1	02-AUG-2011 20:35:16	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	49281	No
261	GOM_TRA_1PNPDE20110802_203723_000000383105_00129_49281_0491.N1	02-AUG-2011 20:37:23	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49281	No
262	GOM_TRA_1PNPDE20110802_204348_000000403105_00129_49281_0492.N1	02-AUG-2011 20:43:48	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49281	No
263	GOM_TRA_1PNPDE20110802_205833_000000713105_00129_49281_0493.N1	02-AUG-2011 20:58:33	Bright	71.000	160	23Gam Per	2.9300	4700.0	142	49281	No
264	GOM_TRA_1PNPDE20110802_210015_000000513105_00129_49281_0494.N1	02-AUG-2011 21:00:15	Bright	50.500	35	33Alp Per	1.7950	6250.0	101	49281	No
265	GOM_TRA_1PNPDE20110802_210230_000000433105_00129_49281_0495.N1	02-AUG-2011 21:02:30	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49281	No
266	GOM_TRA_1PNPDE20110802_210421_000000503105_00129_49281_0496.N1	02-AUG-2011 21:04:21	Bright	49.500	149	45Eps Per	2.8880	30000.	99	49281	No
267	GOM_TRA_1PNPDE20110802_210749_000000573105_00129_49281_0497.N1	02-AUG-2011 21:07:49	Bright	57.000	28	12Bet Tau	1.6500	15200.	114	49281	No
268	GOM_TRA_1PNPDE20110802_210956_000000423105_00129_49281_0498.N1	02-AUG-2011 21:09:56	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	49281	No
269	GOM_TRA_1PNPDE20110802_211231_000000583105_00129_49281_0499.N1	02-AUG-2011 21:12:31	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	49281	No
270	GOM_TRA_1PNPDE20110802_211430_000000423105_00129_49281_0500.N1	02-AUG-2011 21:14:30	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	49281	No
271	GOM_TRA_1PNPDE20110802_211625_000000423105_00129_49281_0501.N1	02-AUG-2011 21:16:25	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	49281	No
272	GOM_TRA_1PNPDE20110802_211857_000000473105_00129_49281_0507.N1	02-AUG-2011 21:18:57	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	49281	Yes
273	GOM_TRA_1PNPDE20110802_212350_000000563105_00129_49281_0508.N1	02-AUG-2011 21:23:50	Dark	55.500	165	34Gam Eri	2.9500	3200.0	111	49281	No
274	GOM_TRA_1PNPDE20110802_213313_000000473105_00130_49282_0509.N1	02-AUG-2011 21:33:13	Dark	47.000	157	The1Eri	2.9060	9300.0	94	49282	No
275	GOM_TRA_1PNPDE20110802_213832_000000433105_00130_49282_0510.N1	02-AUG-2011 21:38:32	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49282	No
276	GOM_TRA_1PNPDE20110802_214330_000000553105_00130_49282_0511.N1	02-AUG-2011 21:43:30	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49282	No
277	GOM_TRA_1PNPDE20110802_214835_000000483105_00130_49282_0512.N1	02-AUG-2011 21:48:35	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49282	No
278	GOM_TRA_1PNPDE20110802_215141_000000453105_00130_49282_0513.N1	02-AUG-2011 21:51:41	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	49282	No
279	GOM_TRA_1PNPDE20110802_215907_000000513105_00130_49282_0514.N1	02-AUG-2011 21:59:07	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49282	No
280	GOM_TRA_1PNPDE20110802_220308_000000373105_00130_49282_0515.N1	02-AUG-2011 22:03:08	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	49282	No
281	GOM_TRA_1PNPDE20110802_220709_000000383105_00130_49282_0516.N1	02-AUG-2011 22:07:09	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49282	No
282	GOM_TRA_1PNPDE20110802_221529_000000443105_00130_49282_0517.N1	02-AUG-2011 22:15:29	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	49282	No
283	GOM_TRA_1PNPDE20110802_221737_000000353105_00130_49282_0518.N1	02-AUG-2011 22:17:37	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	49282	No
284	GOM_TRA_1PNPDE20110802_222402_000000393105_00130_49282_0519.N1	02-AUG-2011 22:24:02	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49282	No
285	GOM_TRA_1PNPDE20110802_223846_000000483105_00130_49282_0520.N1	02-AUG-2011 22:38:46	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49282	No
286	GOM_TRA_1PNPDE20110802_224029_000000513105_00130_49282_0521.N1	02-AUG-2011 22:40:29	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	49282	No
287	GOM_TRA_1PNPDE20110802_224244_000000443105_00130_49282_0522.N1	02-AUG-2011 22:42:44	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	49282	No
288	GOM_TRA_1PNPDE20110802_224435_000000463105_00130_49282_0523.N1	02-AUG-2011 22:44:35	Bright	45.500	149	45Eps Per	2.8880	30000.	91	49282	No
289	GOM_TRA_1PNPDE20110802_224803_000000433105_00130_49282_0524.N1	02-AUG-2011 22:48:03	Bright	42.500	28	12Bet Tau	1.6500	15200.	85	49282	No
290	GOM_TRA_1PNPDE20110802_225010_000000423105_00130_49282_0525.N1	02-AUG-2011 22:50:10	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	49282	No
291	GOM_TRA_1PNPDE20110802_225246_000000573105_00130_49282_0526.N1	02-AUG-2011 22:52:46	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	49282	No
292	GOM_TRA_1PNPDE20110802_225445_000000433105_00130_49282_0527.N1	02-AUG-2011 22:54:45	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	49282	No
293	GOM_TRA_1PNPDE20110802_225639_000000433105_00130_49282_0528.N1	02-AUG-2011 22:56:39	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	49282	No
294	GOM_TRA_1PNPDE20110802_225911_000000453105_00130_49282_0529.N1	02-AUG-2011 22:59:11	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	49282	No
295	GOM_TRA_1PNPDE20110802_230405_000000583105_00130_49282_0536.N1	02-AUG-2011 23:04:05	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	49282	No
296	GOM_TRA_1PNPDE20110802_231328_000000473105_00131_49283_0537.N1	02-AUG-2011 23:13:28	Dark	47.000	157	The1Eri	2.9060	9300.0	94	49283	No
297	GOM_TRA_1PNPDE20110802_231847_000000433105_00131_49283_0538.N1	02-AUG-2011 23:18:47	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49283	No
298	GOM_TRA_1PNPDE20110802_232345_000000533105_00131_49283_0539.N1	02-AUG-2011 23:23:45	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49283	No
299	GOM_TRA_1PNPDE20110802_232849_000000443105_00131_49283_0540.N1	02-AUG-2011 23:28:49	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49283	No
300	GOM_TRA_1PNPDE20110802_233155_000000463105_00131_49283_0541.N1	02-AUG-2011 23:31:55	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49283	No
301	GOM_TRA_1PNPDE20110802_233920_000000493105_00131_49283_0542.N1	02-AUG-2011 23:39:20	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	49283	No
302	GOM_TRA_1PNPDE20110802_234322_000000373105_00131_49283_0543.N1	02-AUG-2011 23:43:22	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	49283	No

303	GOM_TRA_1PNPDE20110802_234723_000000373105_00131_49283_0544.N1	02-AUG-2011 23:47:23	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	49283	No
304	GOM_TRA_1PNPDE20110802_235543_000000433105_00131_49283_0545.N1	02-AUG-2011 23:55:43	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49283	No
305	GOM_TRA_1PNPDE20110802_235750_000000553105_00131_49283_0546.N1	02-AUG-2011 23:57:50	Bright	55.000	144	18Del Cyg	2.8600	11000.	110	49283	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).

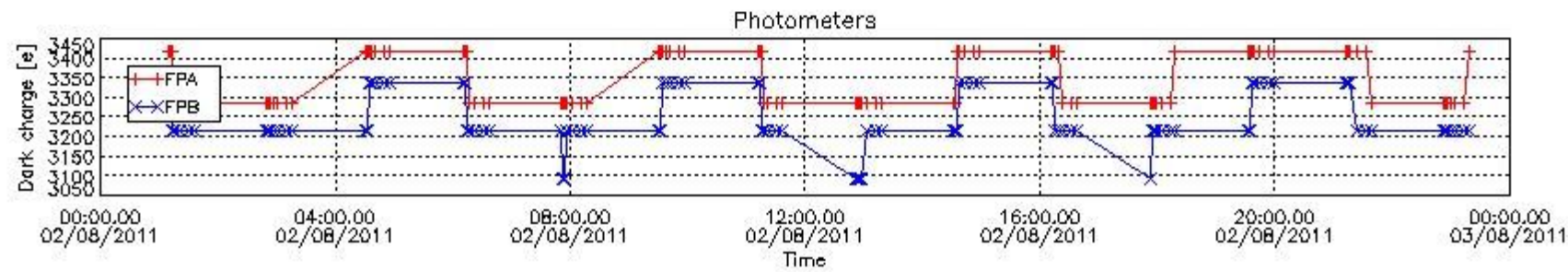
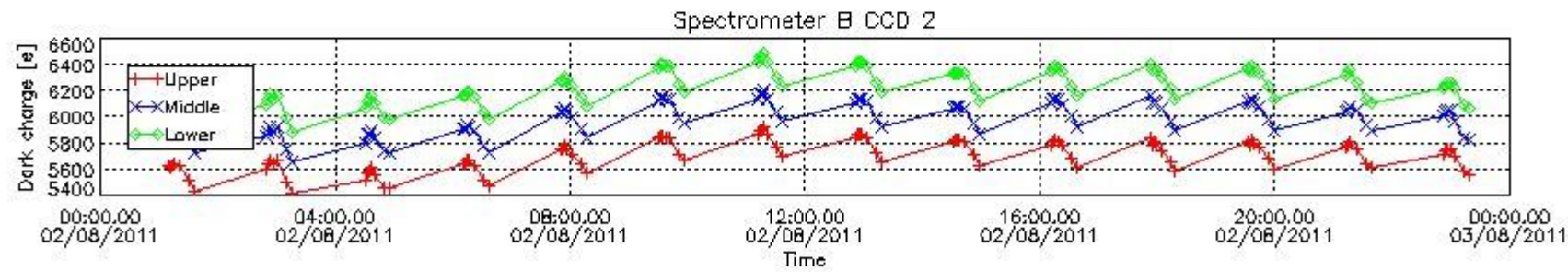
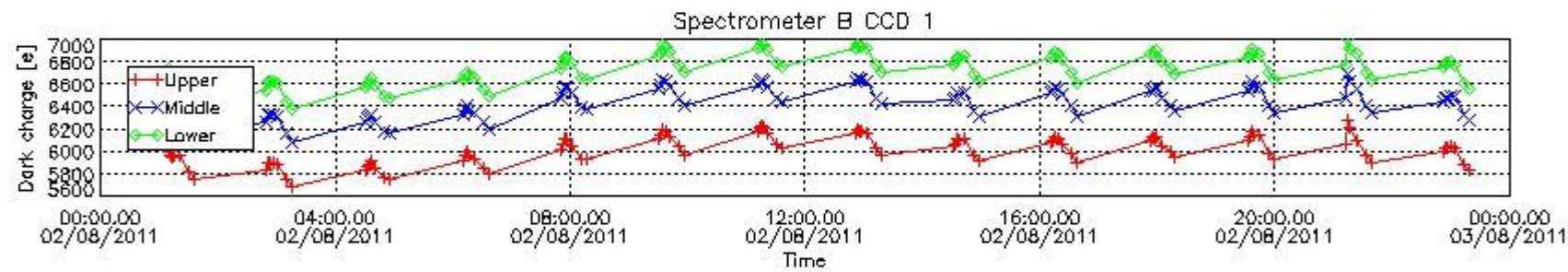
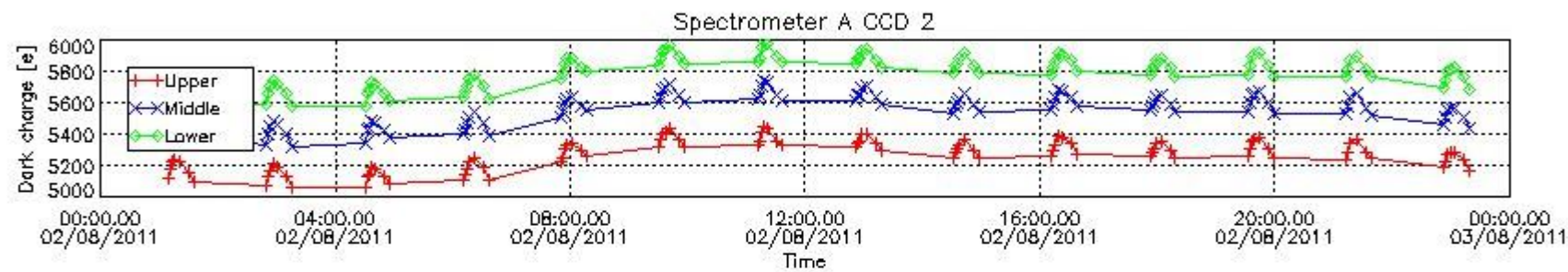
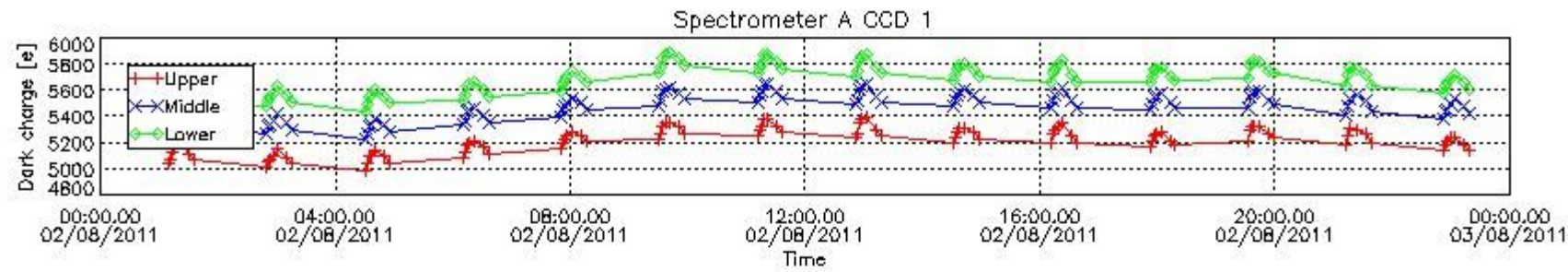
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110802_200821_000000433105_00129_49281_0485.N1	DC map used
GOM_TRA_1PNPDE20110802_201127_000000443105_00129_49281_0486.N1	DC map used
GOM_TRA_1PNPDE20110802_201852_000000513105_00129_49281_0487.N1	DC map used
GOM_TRA_1PNPDE20110802_202254_000000303105_00129_49281_0488.N1	DC map used
GOM_TRA_1PNPDE20110802_202655_000000383105_00129_49281_0489.N1	DC map used
GOM_TRA_1PNPDE20110802_203516_000000423105_00129_49281_0490.N1	DC map used
GOM_TRA_1PNPDE20110802_203723_000000383105_00129_49281_0491.N1	DC map used

GOM_TRA_1PNPDE20110802_204348_000000403105_00129_49281_0492.N1	DC map used
GOM_TRA_1PNPDE20110802_205833_000000713105_00129_49281_0493.N1	DC map used
GOM_TRA_1PNPDE20110802_210015_000000513105_00129_49281_0494.N1	DC map used
GOM_TRA_1PNPDE20110802_210230_000000433105_00129_49281_0495.N1	DC map used
GOM_TRA_1PNPDE20110802_210421_000000503105_00129_49281_0496.N1	DC map used
GOM_TRA_1PNPDE20110802_210749_000000573105_00129_49281_0497.N1	DC map used
GOM_TRA_1PNPDE20110802_210956_000000423105_00129_49281_0498.N1	DC map used
GOM_TRA_1PNPDE20110802_211231_000000583105_00129_49281_0499.N1	DC map used
GOM_TRA_1PNPDE20110802_211430_000000423105_00129_49281_0500.N1	DC map used
GOM_TRA_1PNPDE20110802_211625_000000423105_00129_49281_0501.N1	DC map used

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



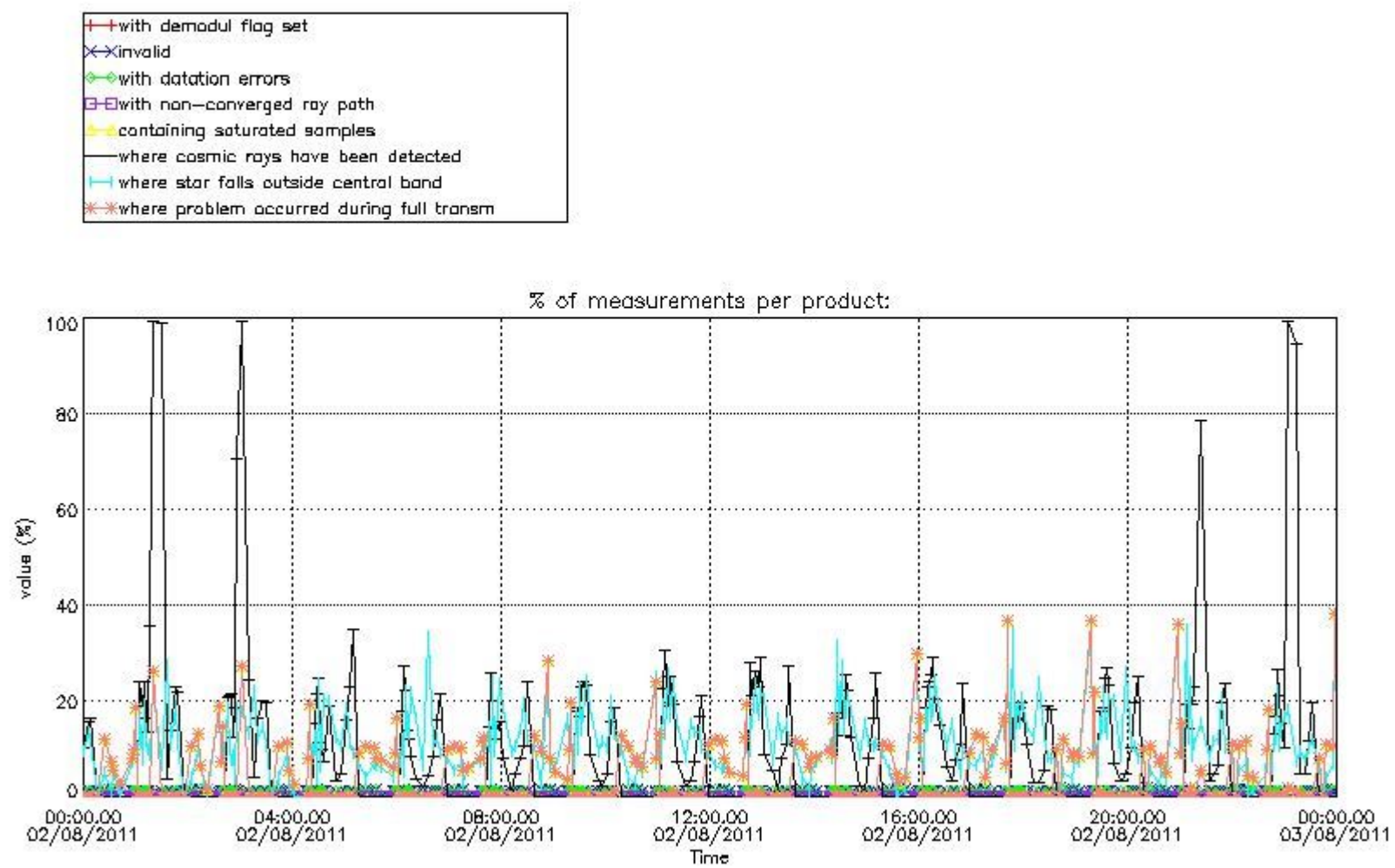
5. Demodulation flag and quality information monitoring

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.

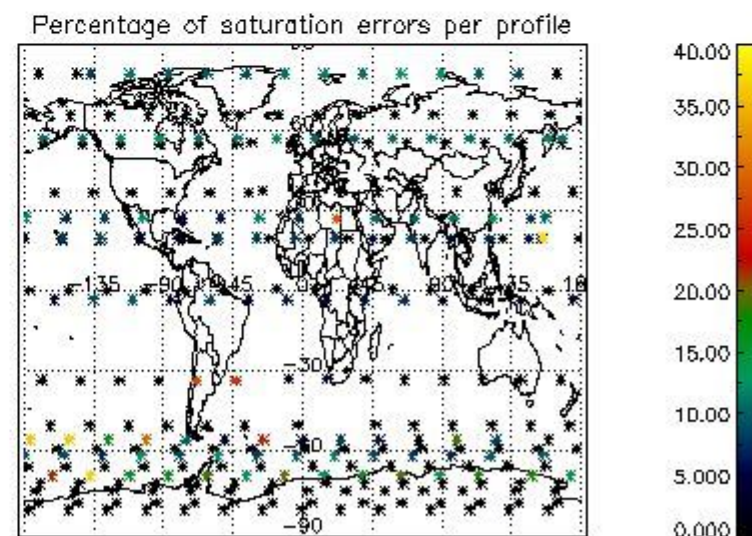
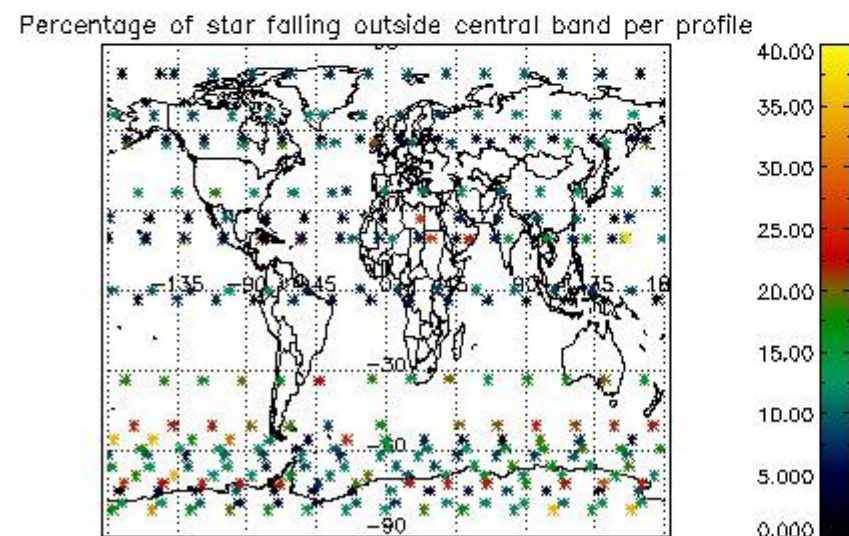
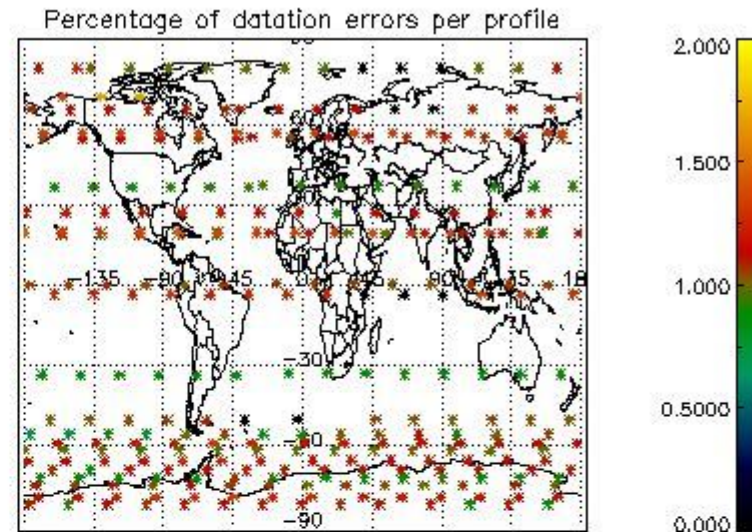
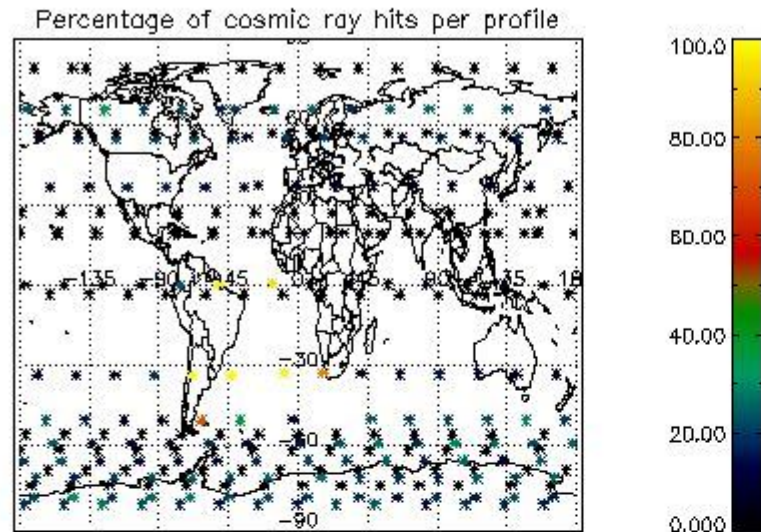
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	48.6842 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	48.0263 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



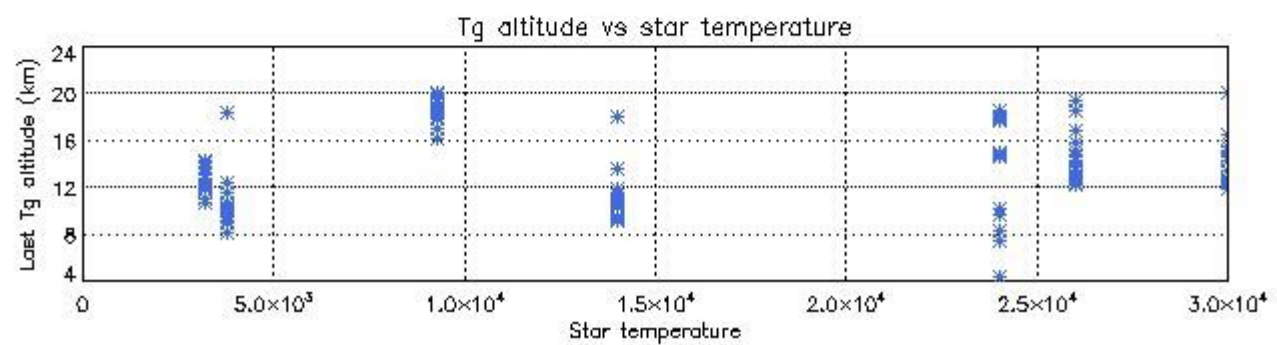
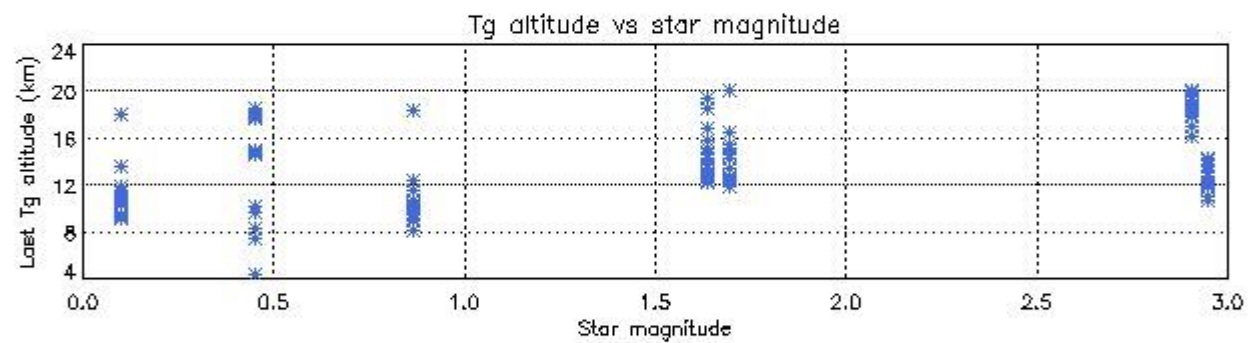
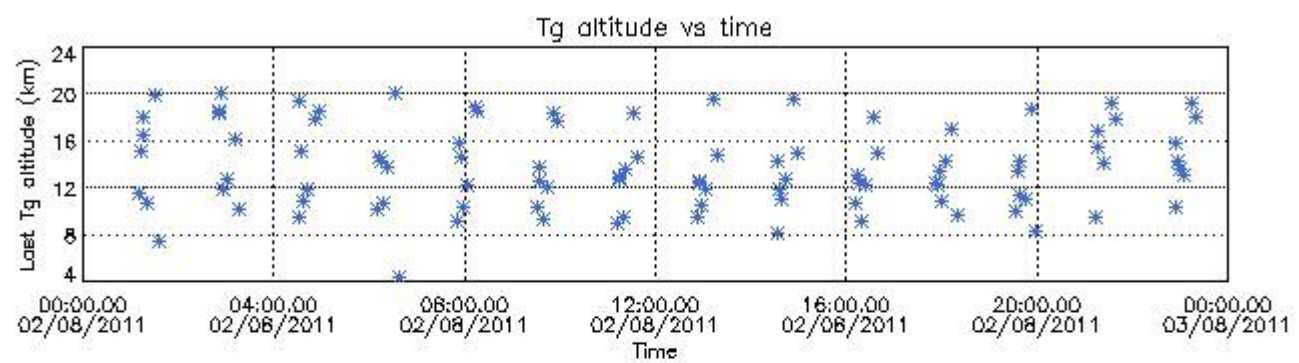
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.717	19.558	NaN
St. deviation:	3.4983	6.3906	NaN
Maximum:	20.113	46.346	NaN
Minimum:	4.3208	3.2116	NaN
Number of data:	97.000	146.00	NaN

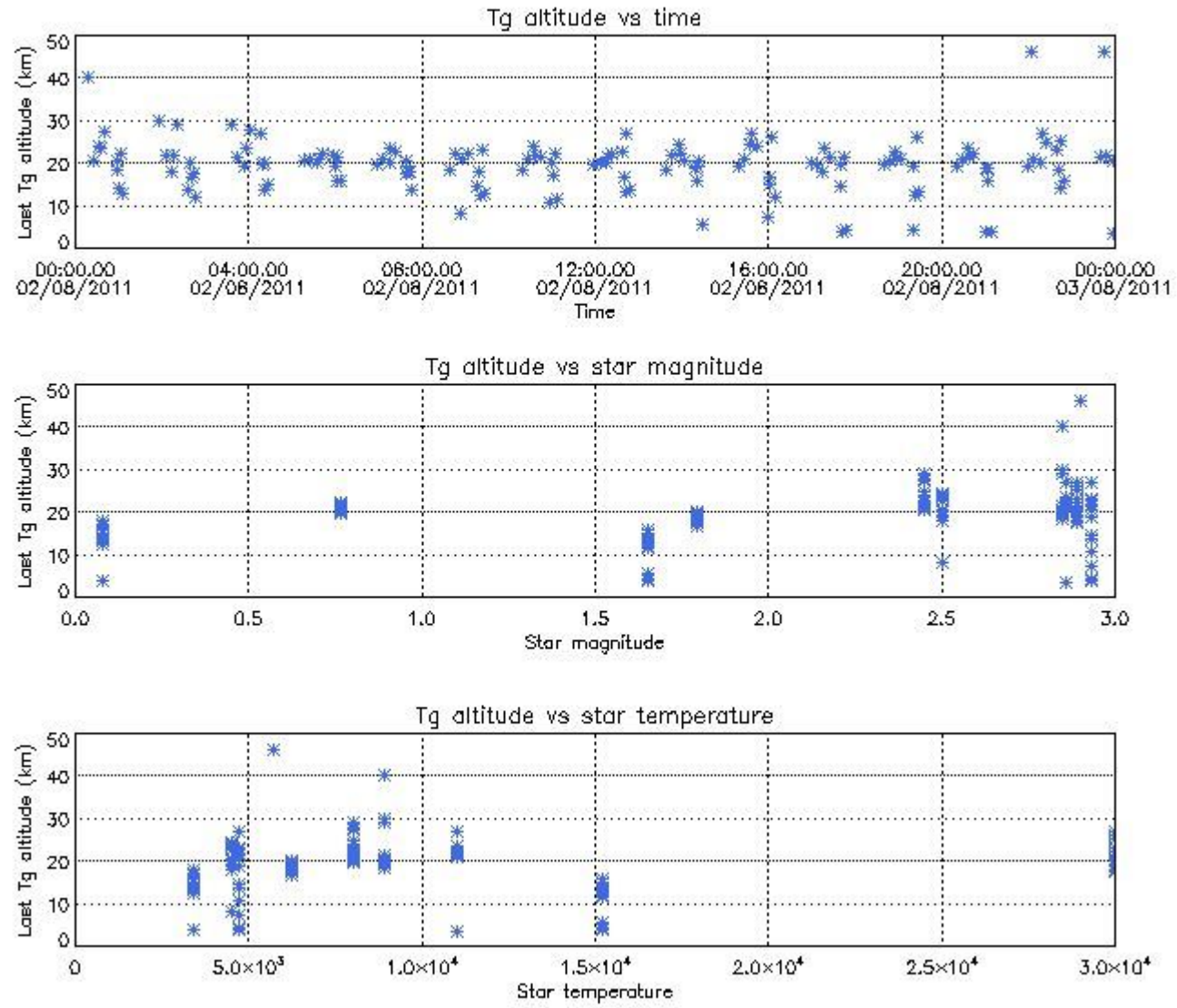
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

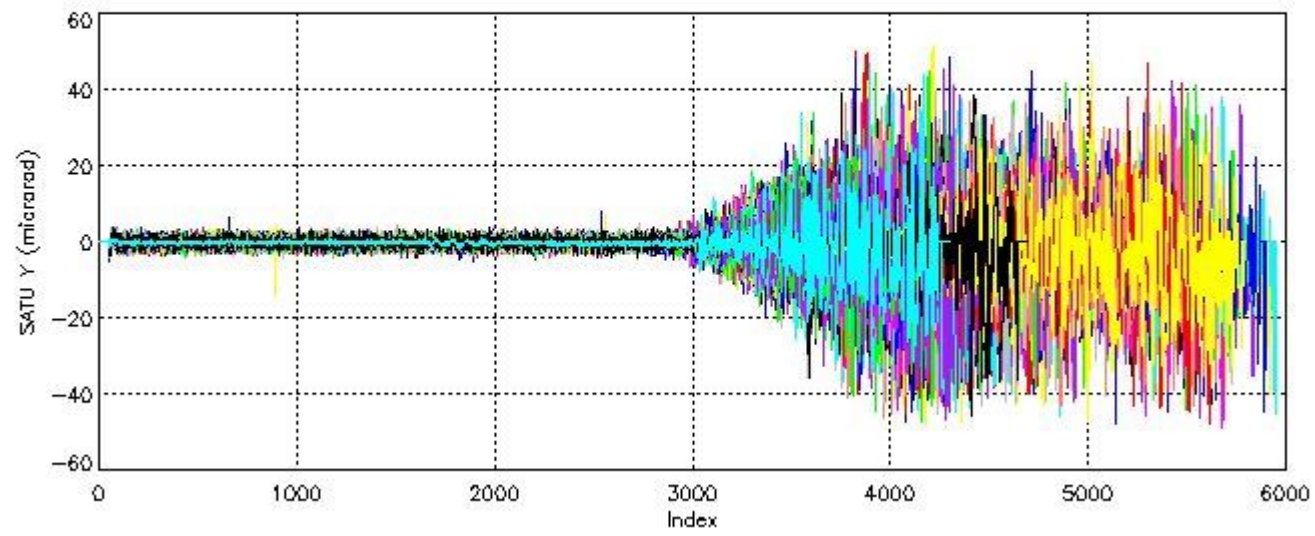
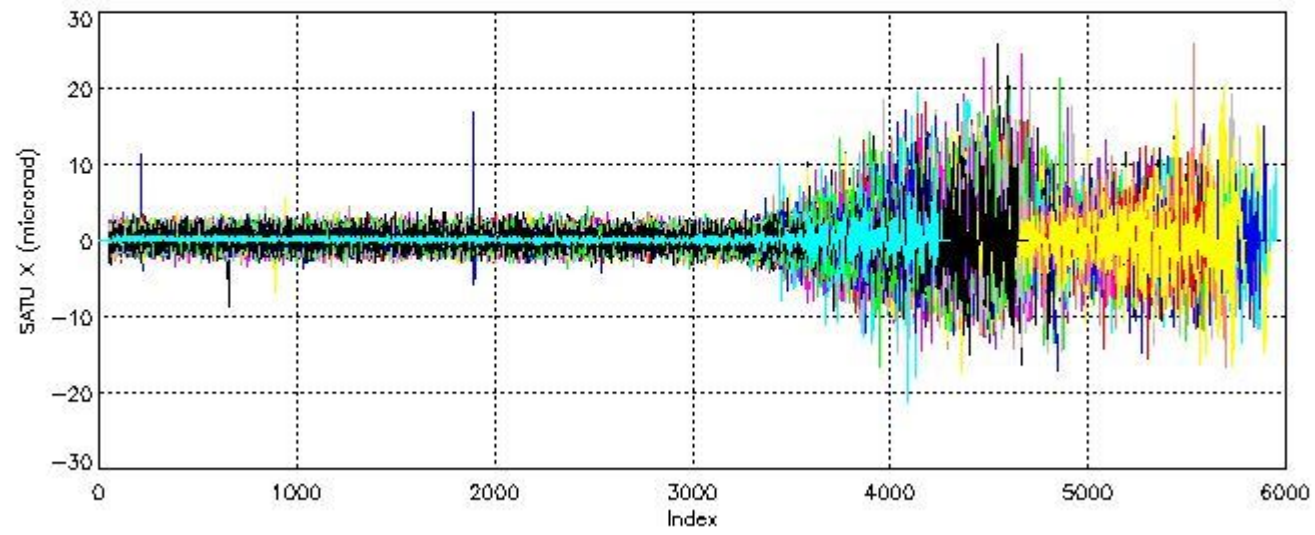


7. Star Acquisition and Tracking Unit (SATU)

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:	0.15806	-0.23118	0.21566	-0.22789
St. deviation:	0.42426	0.47617	0.78039	0.86901
Maximum:	11.400	6.1000	6.2000	6.1000
Minimum:	-8.7000	-14.300	-6.0000	-6.4000

Number of data:	98850.	98850.	1.4915E+05	1.4915E+05
90Percentile:	0.70000	0.30000	1.3000	0.90000

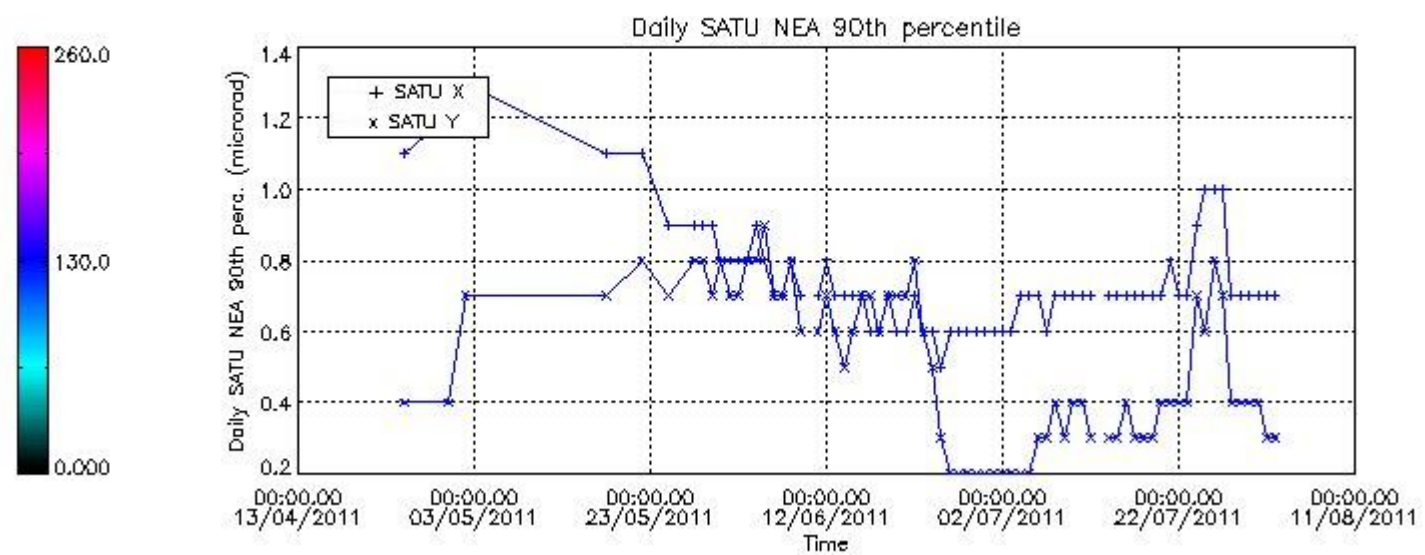
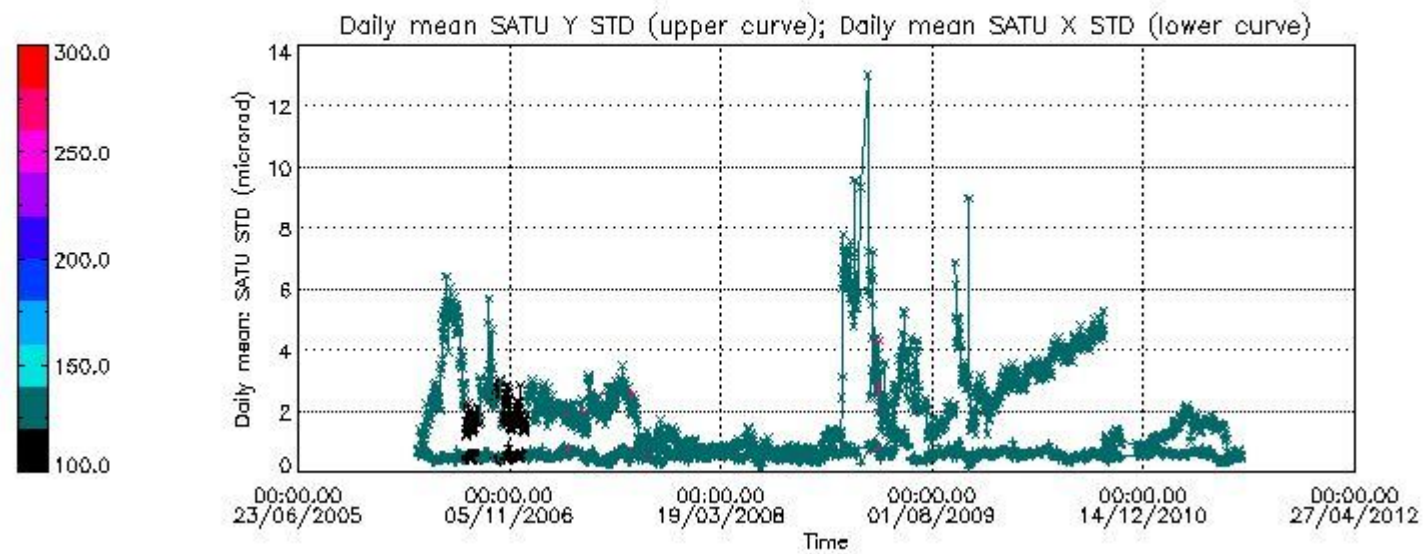
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

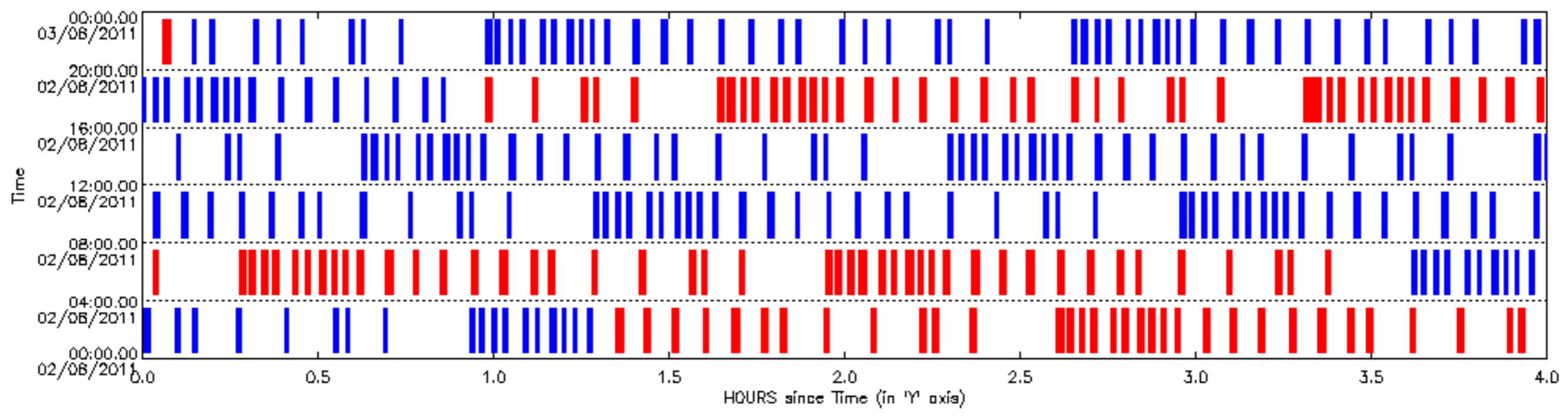
Lower curve: STD of SATU X axis

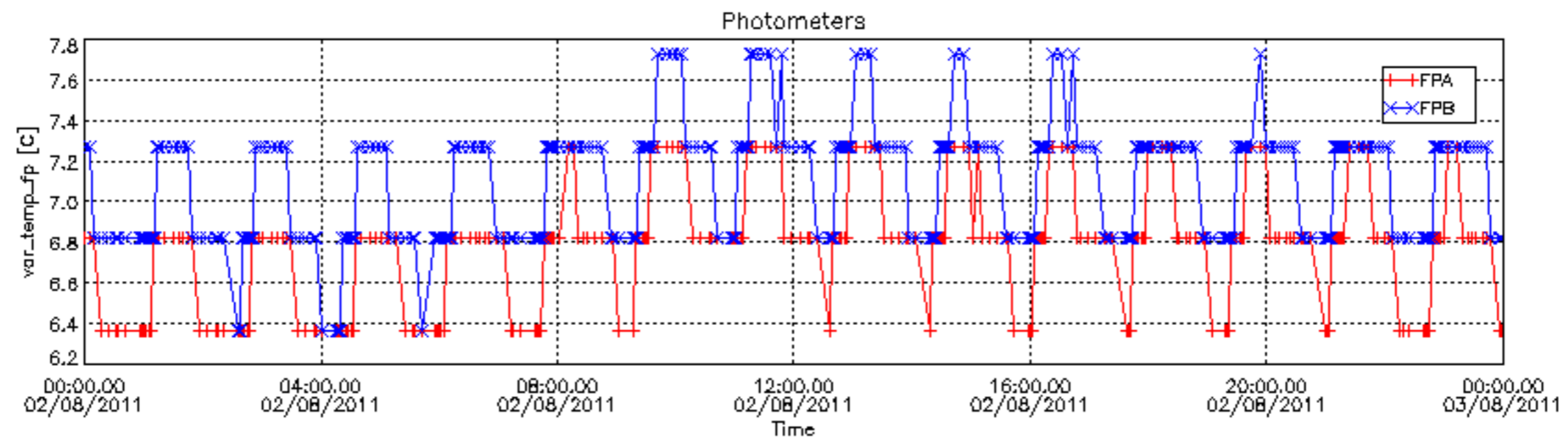
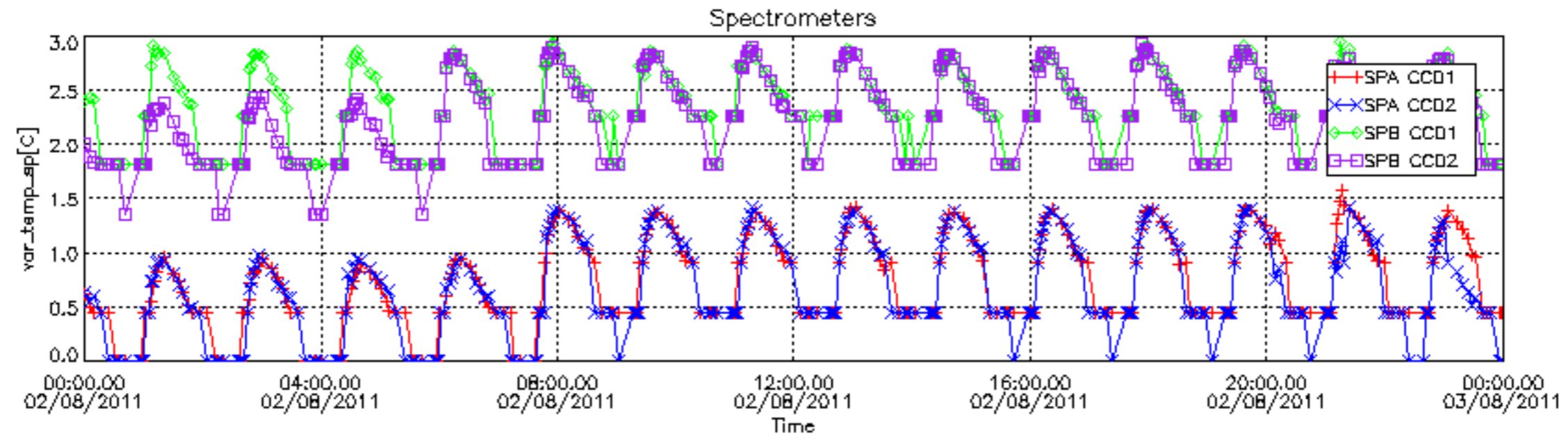


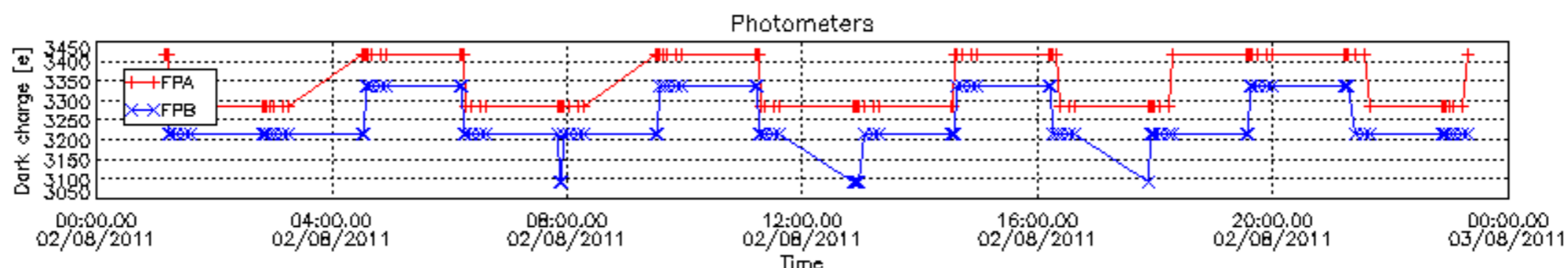
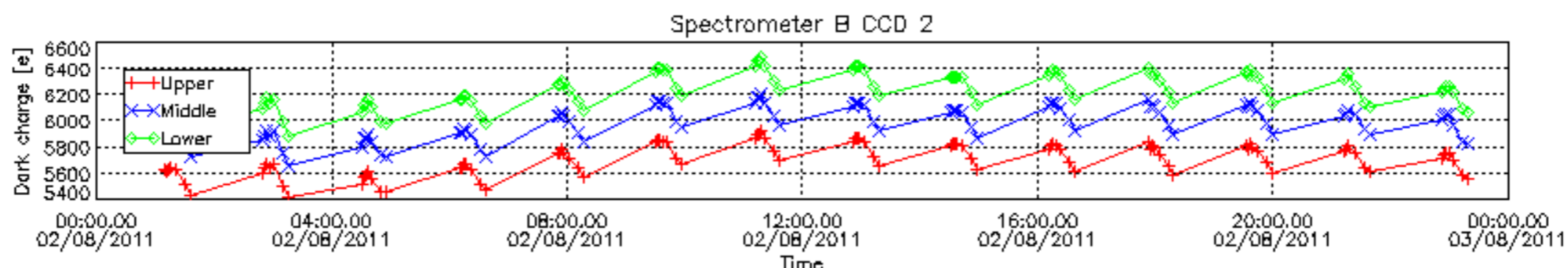
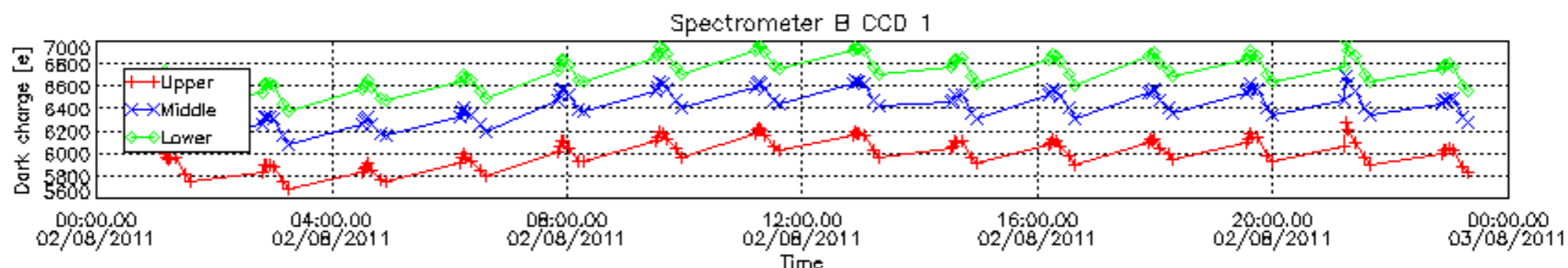
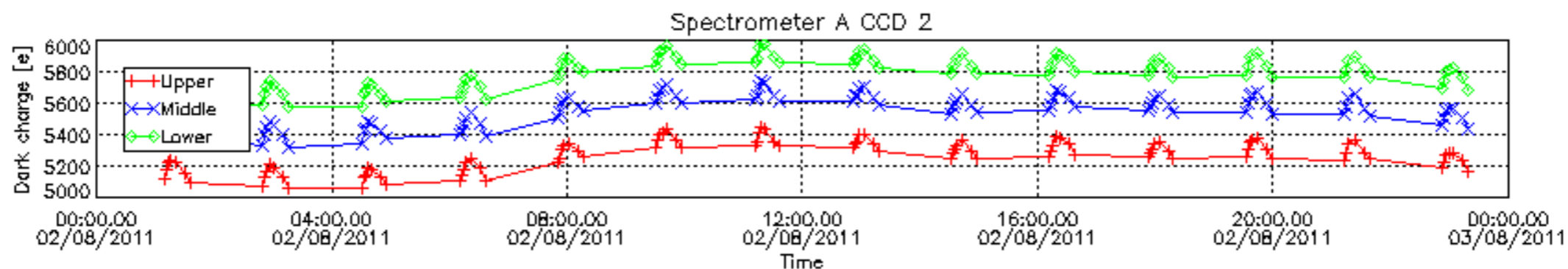
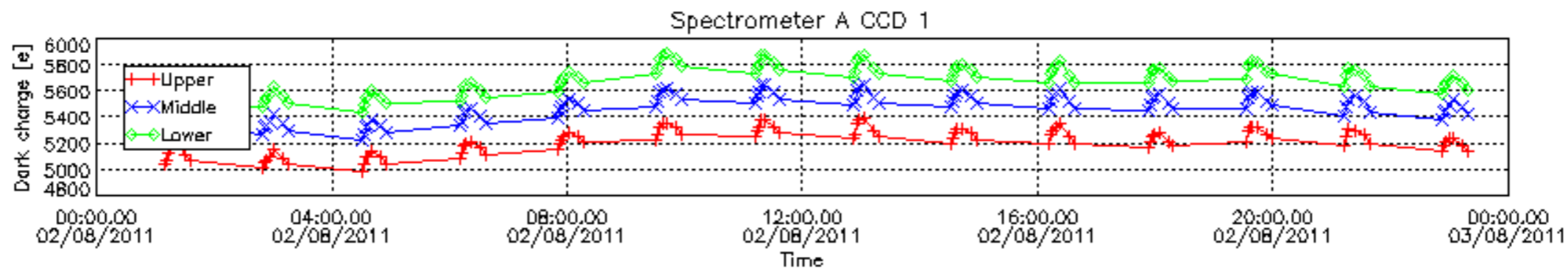
8. Auxiliary Data Files used for the production reported in section 2.4

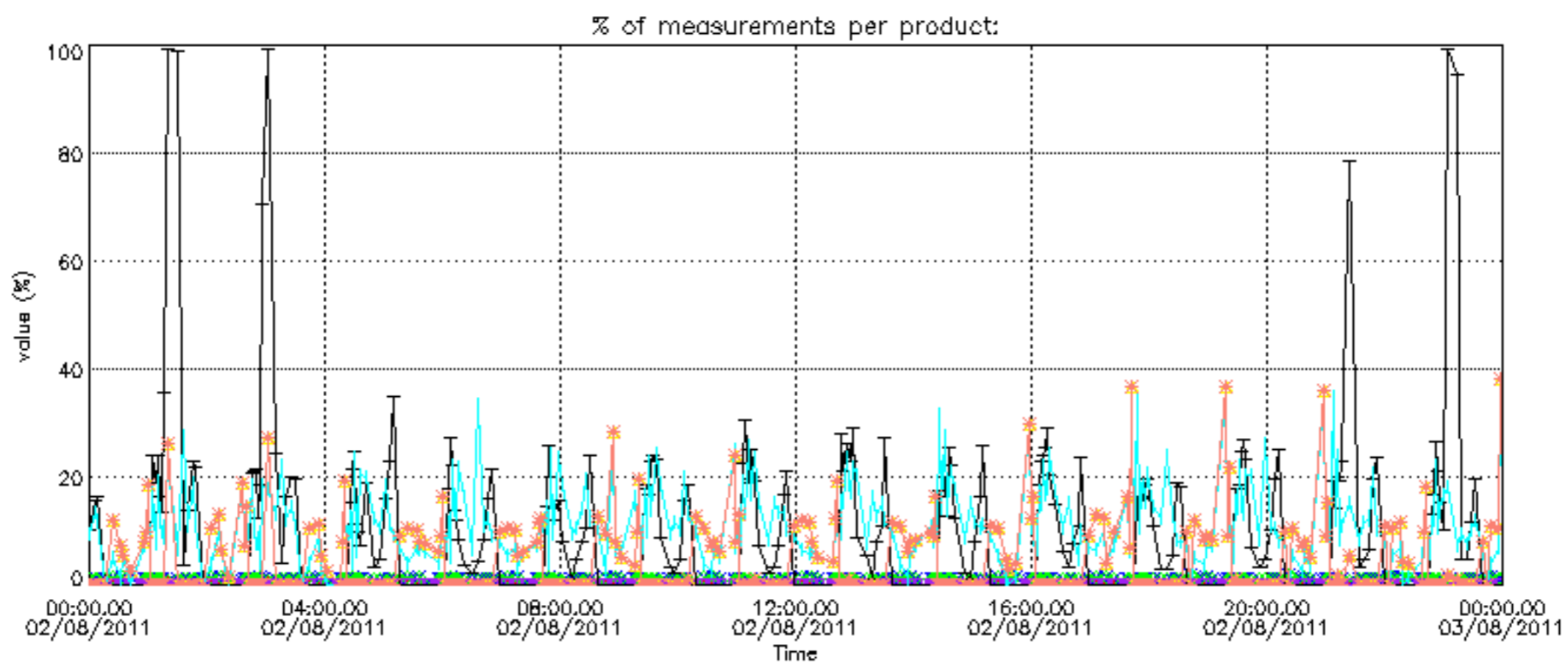
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-AUG-2011 00:00:15
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110727_140829_20110725_000000_20500101_000000	1	02-AUG-2011 00:00:15
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	02-AUG-2011 00:00:15
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	02-AUG-2011 00:00:15
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	02-AUG-2011 00:00:15
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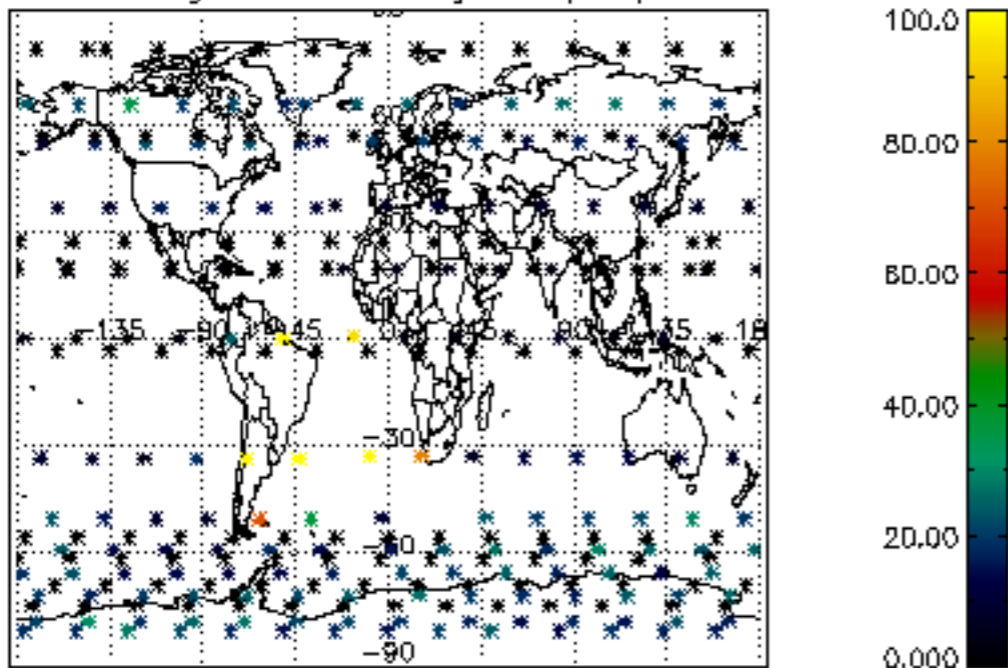




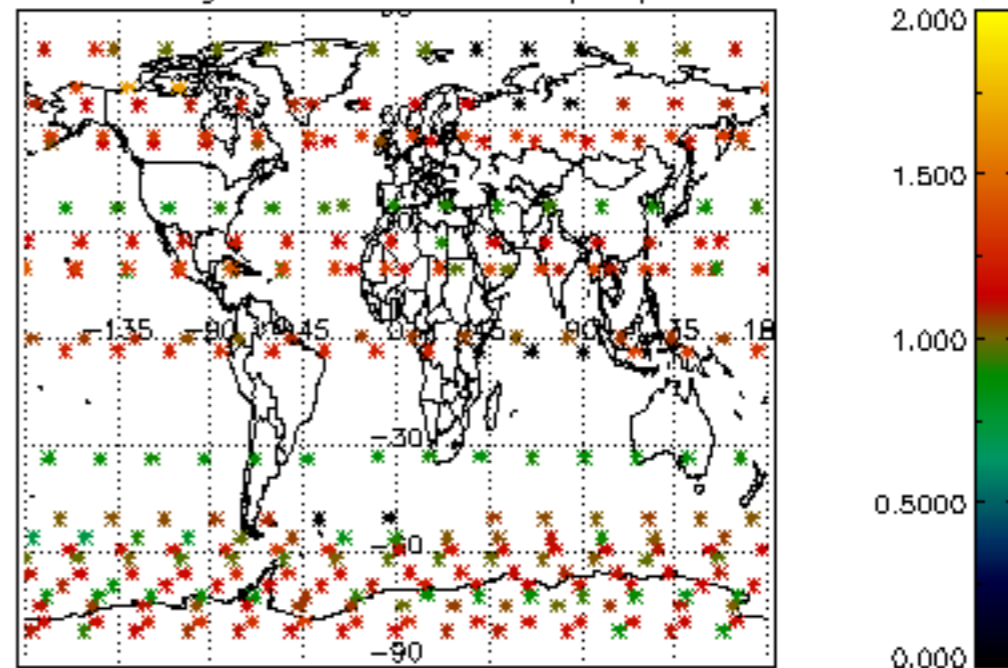




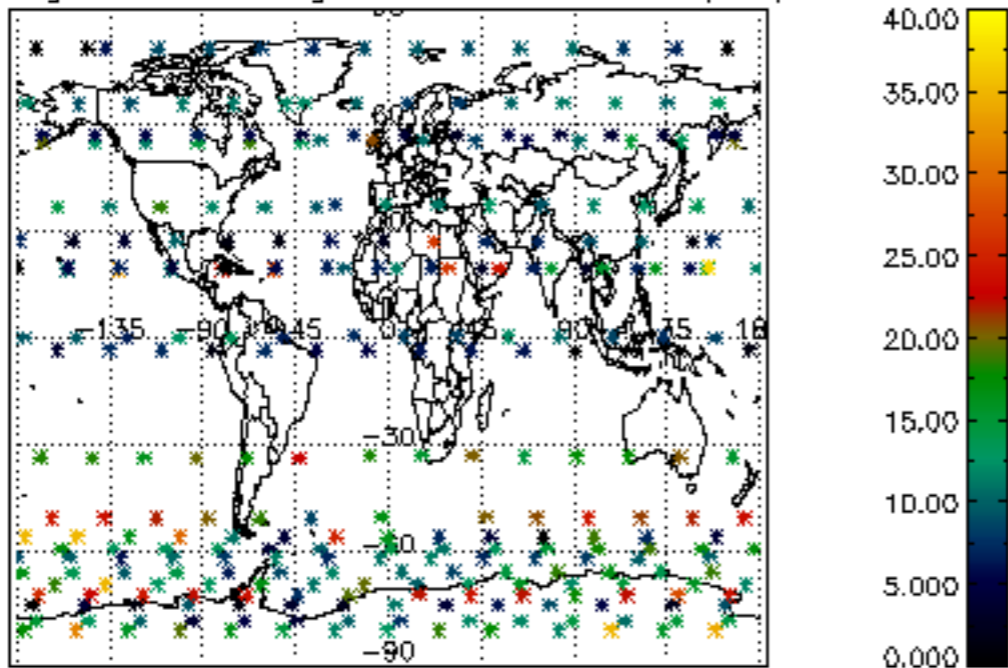
Percentage of cosmic ray hits per profile



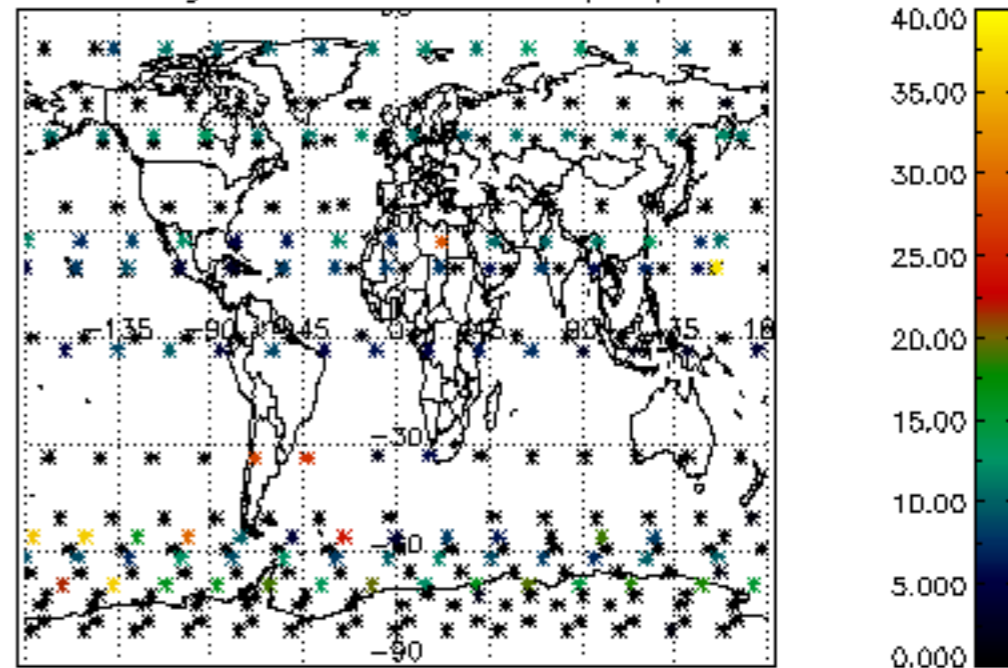
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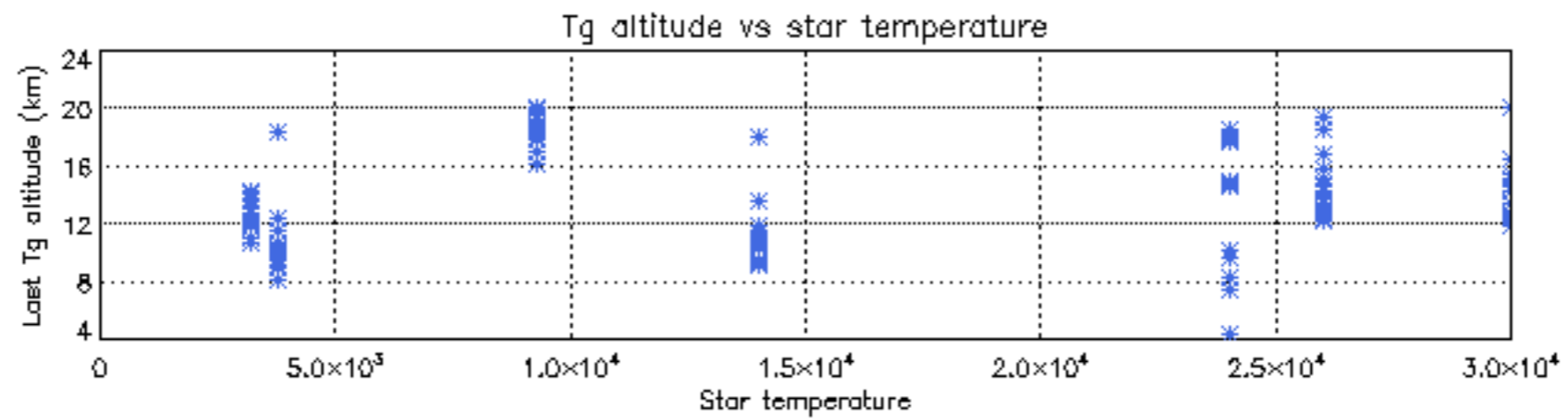
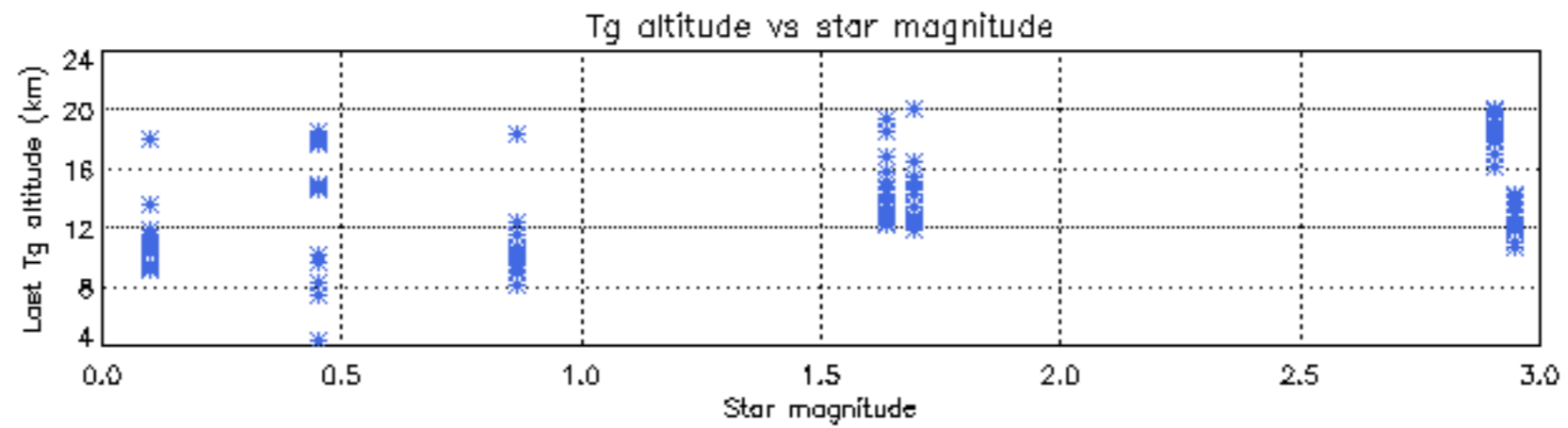
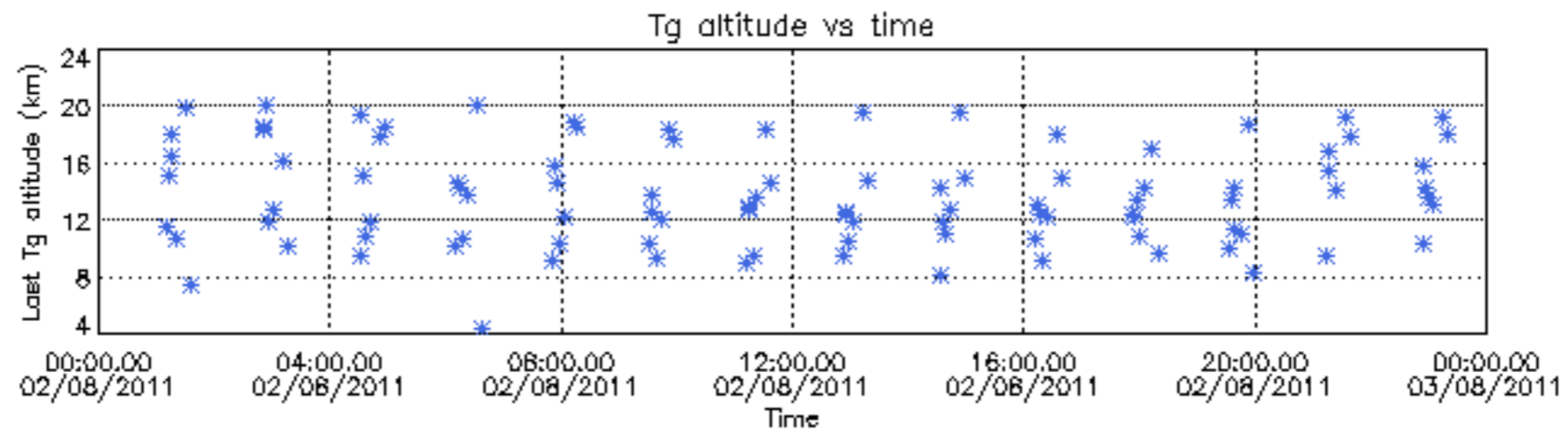
Percentage of star falling outside central band per profile



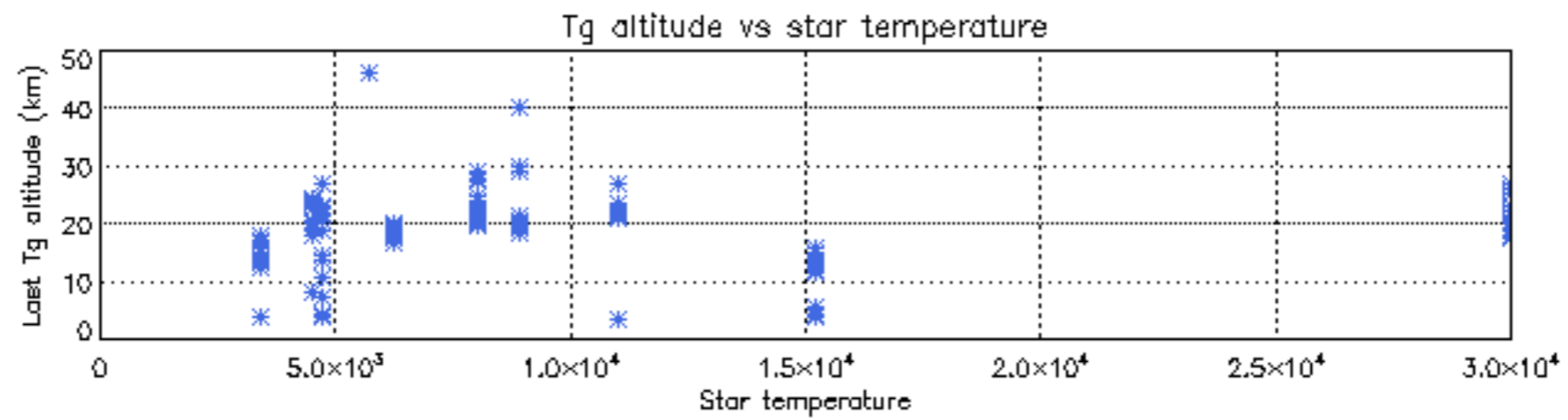
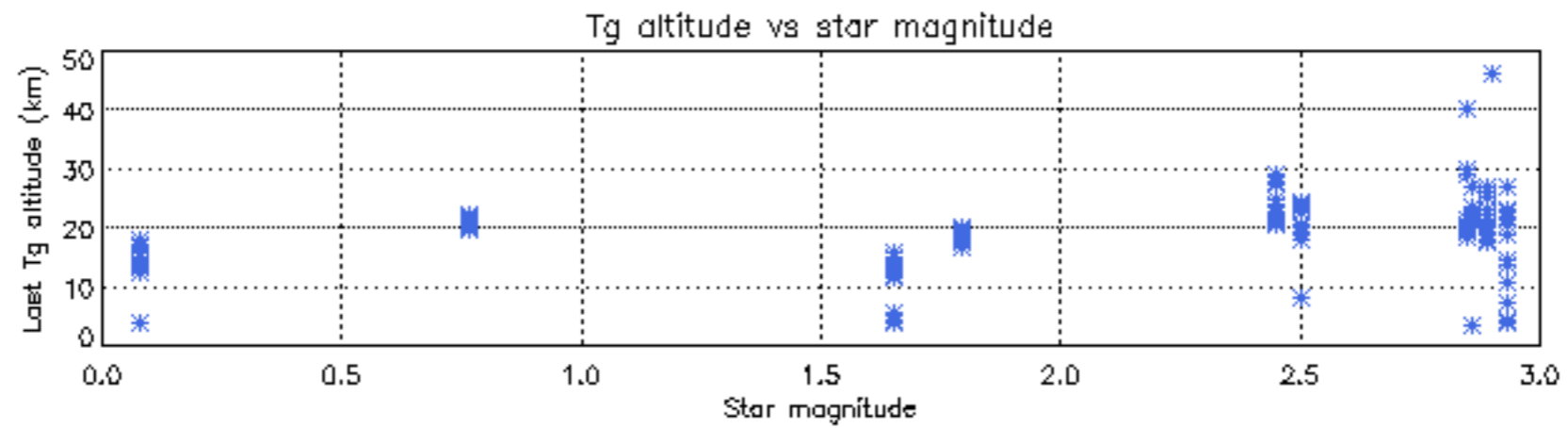
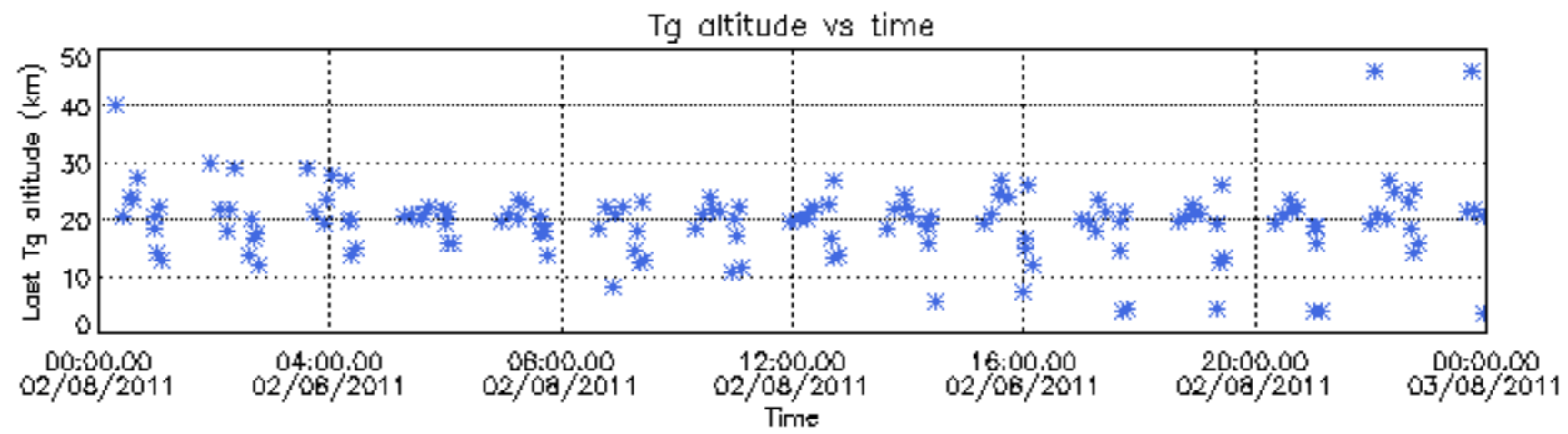
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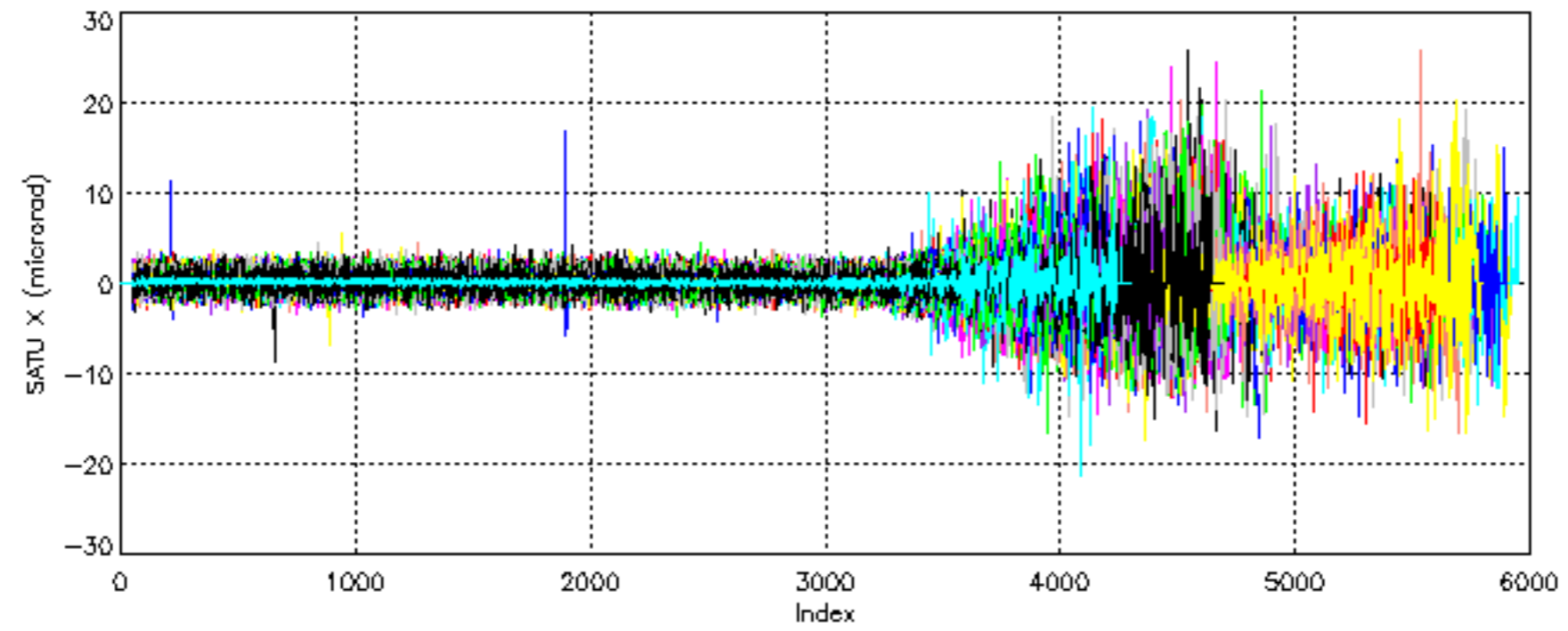


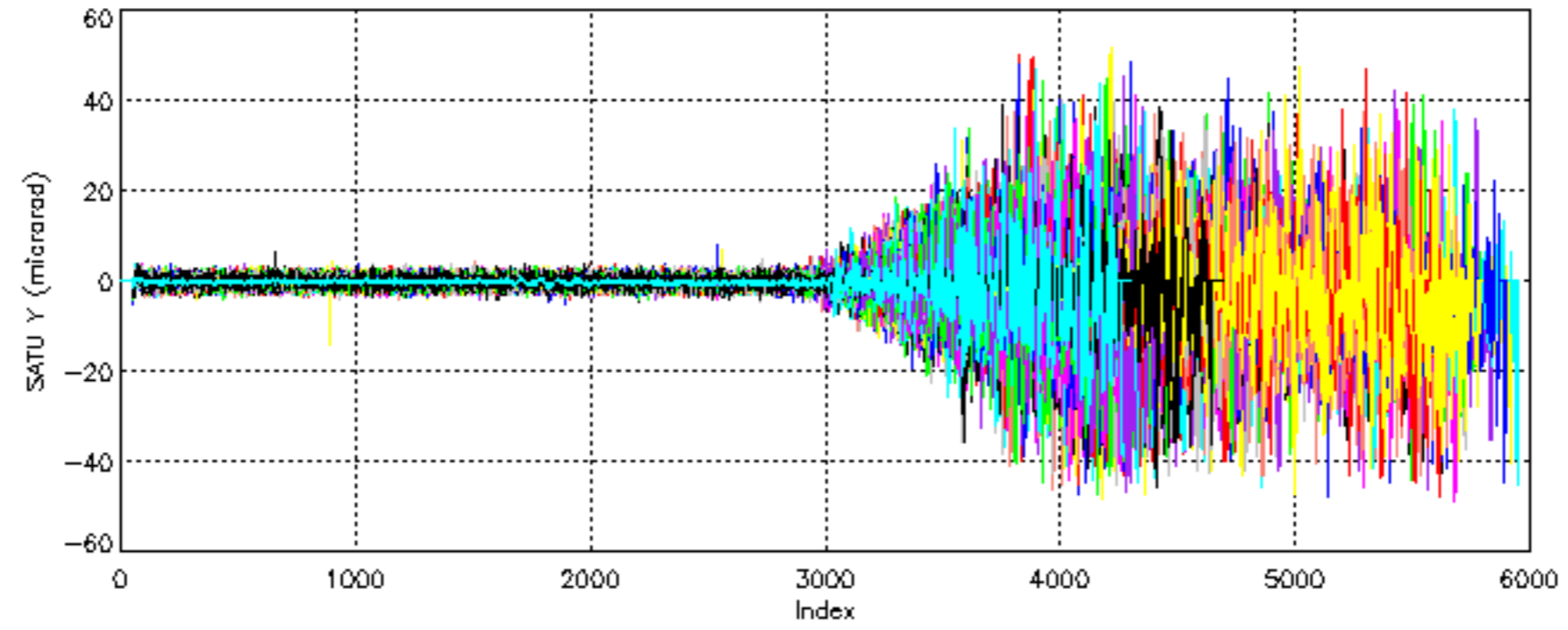
Tangent altitude at which the star is lost

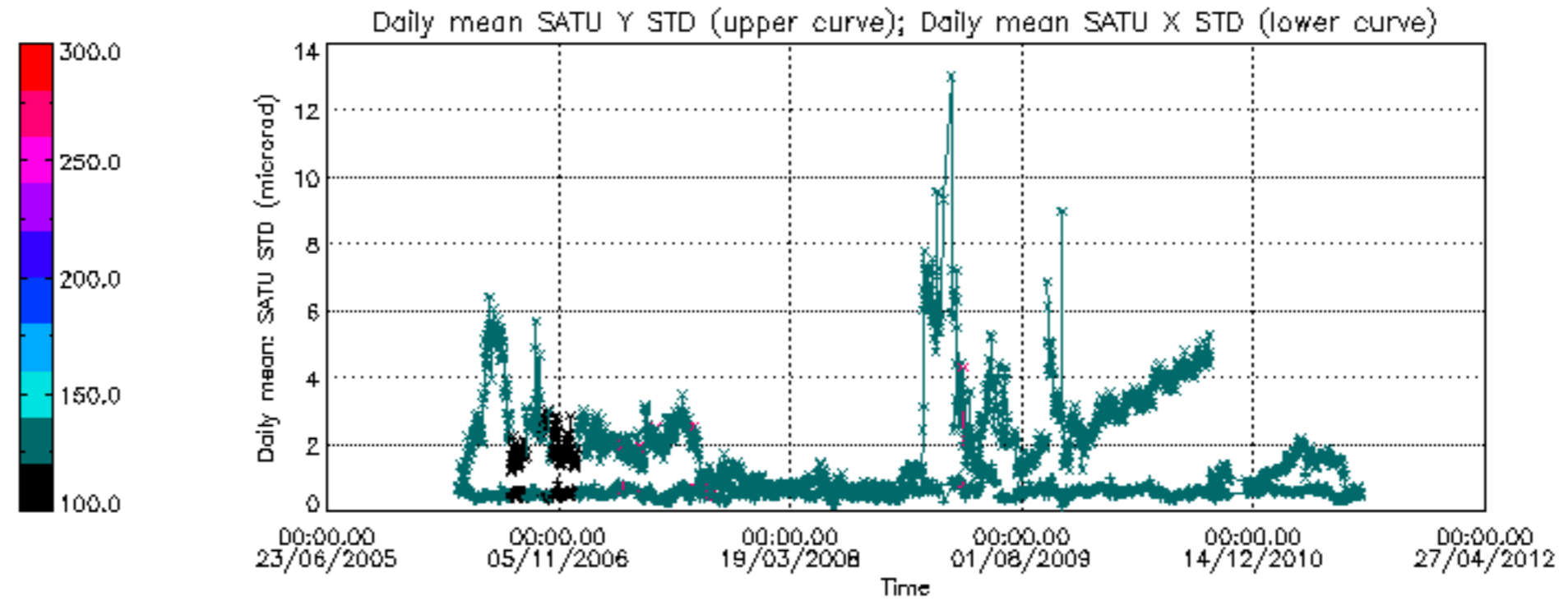


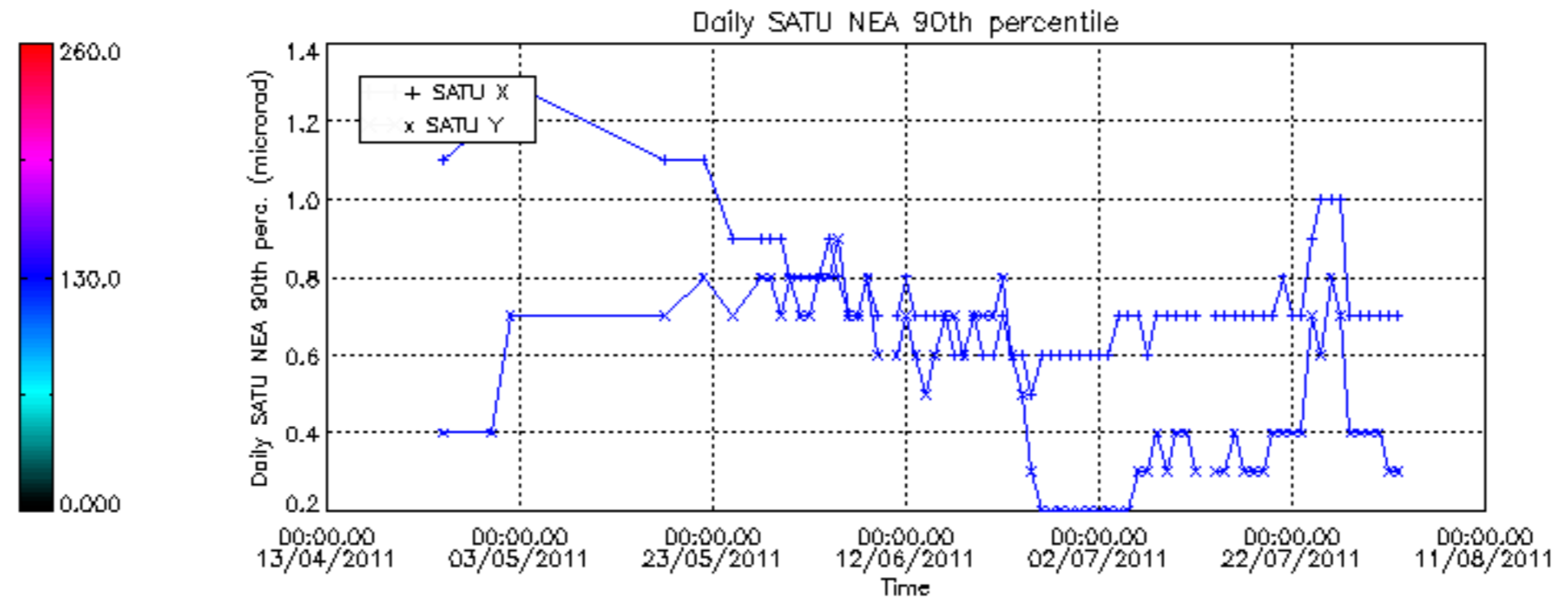
Tangent altitude at which the star is lost











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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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 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
 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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 16; 4697.3; 14-AUG-2011 20:31:12; Dark ; 37.5; 44; 24Gam Gem ; 1.93; 11000;occ; 75; 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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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
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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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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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19; 3420.3; 15-AUG-2011 02:50:50; Bright; 26.5; 76; 27Gam Cas ; 2.30; 30000;occ; 53; 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
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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
20; 2488.5; 15-AUG-2011 04:15:32; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;49458
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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11; 3279.1; 15-AUG-2011 21:11:03; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49468
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13; 4170.4; 15-AUG-2011 21:25:54; Bright; 50.0; 6; 13Alp Aur ; 0.08; 3400;occ; 100; 0;49468
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27; 5285.6; 15-AUG-2011 23:24:44; Dark ; 55.0; 7; 19Bet Ori ; 0.10; 14000;occ; 110; 0;49469
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13; 4699.1; 15-AUG-2011 08:12:51; Dark ; 42.5; 44; 24Gam Gem ; 1.93; 11000;occ; 85; 0;49460
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 17; 5278.4; 15-AUG-2011 08:22:31; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;49460
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 19; 5566.2; 15-AUG-2011 08:27:18; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49460
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 22; 6807.4; 15-AUG-2011 08:48:00; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;49461
 23; 7021.0; 15-AUG-2011 08:51:33; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;49461
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 26; 7801.9; 15-AUG-2011 09:04:34; Bright; 3.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 7; 0;49461

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 16; 5185.4; 15-AUG-2011 10:01:11; Dark ; 46.5; 125; 44Iot Ori ; 2.77; 30000;occ; 93; 0;49461
 17; 5279.3; 15-AUG-2011 10:02:45; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 0;49461
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 3; 2099.4; 15-AUG-2011 10:49:59; Bright; 43.0; 61; 8Eps Peg ; 2.10; 3900;occ; 86; 0;49462
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 5; 2582.9; 15-AUG-2011 10:58:03; Bright; 35.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 71; 0;49462
 6; 2679.2; 15-AUG-2011 10:59:39; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;49462
 7; 2998.8; 15-AUG-2011 11:04:59; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;49462
 8; 4171.1; 15-AUG-2011 11:24:31; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;49462
 9; 4345.3; 15-AUG-2011 11:27:25; Bright; 44.0; 107; 37The Aur ; 2.65; 11000;occ; 88; 0;49462
 10; 4530.2; 15-AUG-2011 11:30:30; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;49462
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 13; 5101.0; 15-AUG-2011 11:40:01; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;49462
 14; 5186.0; 15-AUG-2011 11:41:26; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;49462
 15; 5280.0; 15-AUG-2011 11:43:00; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;49462
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 21; 7021.6; 15-AUG-2011 12:12:02; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;49463
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9; 1787.6; 16-AUG-2011 00:06:39; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;49470
10; 1907.1; 16-AUG-2011 00:08:39; Bright; 48.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 96; 0;49470
11; 2096.9; 16-AUG-2011 00:11:49; Bright; 43.5; 61; 8Eps Peg ; 2.10; 3900;occ; 87; 0;49470
12; 2486.0; 16-AUG-2011 00:18:18; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;49470
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16; 3277.5; 16-AUG-2011 00:31:29; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;49470
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19; 4345.8; 16-AUG-2011 00:49:18; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;49470
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21; 4701.6; 16-AUG-2011 00:55:13; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;49470
22; 4913.0; 16-AUG-2011 00:58:45; Dark ; 44.0; 14; 58Alp Ori ; 0.87; 3000;occ; 88; 0;49470
23; 5105.7; 16-AUG-2011 01:01:57; Dark ; 52.0; 30; 46Eps Ori ; 1.69; 30000;occ; 104; 0;49470
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5; 2487.4; 15-AUG-2011 12:36:41; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;49463
6; 2582.8; 15-AUG-2011 12:38:17; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;49463
7; 2679.0; 15-AUG-2011 12:39:53; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;49463
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9; 3283.0; 15-AUG-2011 12:49:57; Bright; 48.5; 74; 11Bet Cas ; 2.27; 6600;occ; 97; 0;49463
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22; 6466.8; 15-AUG-2011 13:43:01; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;49464
23; 6809.9; 15-AUG-2011 13:48:44; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;49464
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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
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5; 2484.8; 16-AUG-2011 11:59:54; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;49477
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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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 22; 6846.4; 18-AUG-2011 16:59:49; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;49509
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 18; 5320.0; 18-AUG-2011 18:14:37; Dark ; 59.5; 7; 19Bet Ori ; 0.10; 14000;occ; 119; 0;49509
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19; 5320.9; 18-AUG-2011 19:54:52; Dark ; 60.0; 7; 19Bet Ori ; 0.10; 14000;occ; 120; 0;49510
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 5; 2475.3; 21-AUG-2011 13:56:45; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 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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 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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 24; 7008.9; 21-AUG-2011 15:12:19; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;49551
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 7; 2978.6; 21-AUG-2011 15:45:23; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49551
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 10; 4160.5; 21-AUG-2011 16:05:05; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;49551
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 12; 4548.2; 21-AUG-2011 16:11:32; Dark ; 57.5; 28; 12Bet Tau ; 1.65; 15200;occ; 115; 0;49551
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 22; 6525.7; 21-AUG-2011 16:44:30; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;49552
 23; 6878.8; 21-AUG-2011 16:50:23; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;49552
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 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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 12; 4350.6; 21-AUG-2011 17:48:29; Bright; 42.0; 107; 37The Aur ; 2.65; 11000;occ; 84; 0;49552
 13; 4548.4; 21-AUG-2011 17:51:47; Dark ; 54.0; 28; 12Bet Tau ; 1.65; 15200;occ; 108; 0;49552
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 15; 4953.2; 21-AUG-2011 17:58:31; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;49552
 16; 5044.8; 21-AUG-2011 18:00:03; Dark ; 53.5; 27; 24Gam Ori ; 1.64; 26000;occ; 107; 0;49552

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 19; 5361.5; 21-AUG-2011 18:05:20; Dark ; 62.5; 7; 19Bet Ori ; 0.10; 14000;occ; 125; 0;49552
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 22; 6329.8; 21-AUG-2011 18:21:28; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49553
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 7; 2666.3; 21-AUG-2011 19:00:39; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;49553
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 9; 3215.7; 21-AUG-2011 19:09:48; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;49553
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 13; 4548.7; 21-AUG-2011 19:32:01; Dark ; 55.0; 28; 12Bet Tau ; 1.65; 15200;occ; 110; 0;49553
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 13; 2076.6; 22-AUG-2011 01:31:45; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;49557
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 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
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 5; -368.6; 22-AUG-2011 02:31:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49557
 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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11; 3204.1; 22-AUG-2011 21:53:20; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;49569
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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
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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
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 13; 2074.3; 22-AUG-2011 23:14:44; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;49570
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 21; 4629.6; 22-AUG-2011 23:57:19; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;49570
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 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
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 8; -730.5; 22-AUG-2011 07:25:54; Dark ; 48.0; 1; 9Alp CMA ; -1.44; 11000;occ; 96; 0;49560
 9; -644.2; 22-AUG-2011 07:27:20; Dark ; 62.0; 7; 19Bet Ori ; 0.10; 14000;occ; 124; 0;49560
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 13; 517.5; 22-AUG-2011 07:46:42; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;49561
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 16; 1280.7; 22-AUG-2011 07:59:25; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;49561
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 3; 2075.9; 22-AUG-2011 08:12:40; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;49561
 4; 2474.3; 22-AUG-2011 08:19:18; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;49561
 5; 2665.6; 22-AUG-2011 08:22:30; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;49561
 6; 2976.8; 22-AUG-2011 08:27:41; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49561
 7; 3210.0; 22-AUG-2011 08:31:34; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;49561
 8; 3342.6; 22-AUG-2011 08:33:47; Bright; 32.0; 76; 27Gam Cas ; 2.30; 30000;occ; 64; 0;49561
 9; 4158.7; 22-AUG-2011 08:47:23; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;49561
 10; 4351.0; 22-AUG-2011 08:50:35; Bright; 45.5; 107; 37The Aur ; 2.65; 11000;occ; 91; 0;49561
 11; 4550.2; 22-AUG-2011 08:53:54; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;49561
 12; 4726.2; 22-AUG-2011 08:56:50; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 0;49561
 13; 4958.1; 22-AUG-2011 09:00:42; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;49561
 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
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 19; 5649.0; 22-AUG-2011 09:12:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49561
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 22; 6885.9; 22-AUG-2011 09:32:50; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49562
 23; 7013.1; 22-AUG-2011 09:34:57; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;49562
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 5; 524.1; 23-AUG-2011 00:29:08; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;49571
 6; 878.2; 23-AUG-2011 00:35:02; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;49571

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12; 2074.3; 23-AUG-2011 00:54:58; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;49571
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22; 4963.6; 23-AUG-2011 01:43:07; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;49571
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6; 338.8; 23-AUG-2011 02:06:17; Dark ; 55.0; 157; The1Eri ; 2.91; 9300;occ; 110; 0;49572
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9; 1002.9; 23-AUG-2011 02:17:21; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;49572
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13; 1890.6; 23-AUG-2011 02:32:08; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;49572
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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
8;	1023.3;	27-AUG-2011	01:30:57;	Dark	;	55.0;	63;	Bet Gru	;	2.15;	2800;occ;	110;	0;	49629
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12;	1885.8;	27-AUG-2011	01:45:20;	Bright;	;	41.5;	162;	34Alp Aqr	;	2.94;	5350;occ;	83;	0;	49629
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3; 2066.3; 27-AUG-2011 10:09:30; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49634
4; 2514.2; 27-AUG-2011 10:16:58; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;49634
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6; 3159.2; 27-AUG-2011 10:27:43; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;49634
7; 3289.3; 27-AUG-2011 10:29:53; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;49634
8; 4145.1; 27-AUG-2011 10:44:09; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;49634
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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11; 4749.3; 27-AUG-2011 10:54:13; Dark ; 50.0; 44; 24Gam Gem ; 1.93; 11000;occ; 100; 0;49634
12; 4837.0; 27-AUG-2011 10:55:41; Dark ; 38.0; 153; 3Bet CMI ; 2.89; 13100;occ; 76; 0;49634
13; 5003.0; 27-AUG-2011 10:58:27; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;49634
14; 5319.1; 27-AUG-2011 11:03:43; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;49634
15; 5536.9; 27-AUG-2011 11:07:21; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;49634
16; 5720.2; 27-AUG-2011 11:10:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49634
17; 6430.0; 27-AUG-2011 11:22:14; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;49635
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3; 2066.2; 27-AUG-2011 11:49:44; Bright; 38.0; 61; 8Eps Peg ; 2.10; 3900;occ; 76; 0;49635
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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6; 3158.7; 27-AUG-2011 12:07:57; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;49635
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8; 4144.8; 27-AUG-2011 12:24:23; Bright; 44.0; 6; 13Alp Aur ; 0.08; 3400;occ; 88; 0;49635
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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12; 4837.3; 27-AUG-2011 12:35:55; Dark ; 41.5; 153; 3Bet CMI ; 2.89; 13100;occ; 83; 0;49635
13; 5003.7; 27-AUG-2011 12:38:42; Dark ; 64.0; 14; 58Alp Ori ; 0.87; 3000;occ; 128; 0;49635
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16; 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
5; 2965.0; 27-AUG-2011 13:44:57; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49636
6; 3158.0; 27-AUG-2011 13:48:10; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49636
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8; 4144.7; 27-AUG-2011 14:04:37; Bright; 38.0; 6; 13Alp Aur ; 0.08; 3400;occ; 76; 0;49636
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11; 4750.0; 27-AUG-2011 14:14:42; Dark ; 51.0; 44; 24Gam Gem ; 1.93; 11000;occ; 102; 0;49636
12; 4837.8; 27-AUG-2011 14:16:10; Dark ; 42.0; 153; 3Bet CMI ; 2.89; 13100;occ; 84; 0;49636
13; 5004.5; 27-AUG-2011 14:18:56; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 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
8; 4144.6; 27-AUG-2011 15:44:50; Bright; 38.0; 6; 13Alp Aur ; 0.08; 3400;occ; 76; 0;49637
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
15; 5540.2; 27-AUG-2011 16:08:06; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;49637
16; 5723.5; 27-AUG-2011 16:11:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49637
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 6; 2511.8; 27-AUG-2011 16:57:52; Bright; 46.0; 164; 44Eta Peg ; 2.95; 5400;occ; 92; 0;49638
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 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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 15; 5006.0; 27-AUG-2011 17:39:26; Dark ; 71.5; 14; 58Alp Ori ; 0.87; 3000;occ; 143; 0;49638
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 17; 5541.2; 27-AUG-2011 17:48:21; Dark ; 53.0; 101; 11Alp Lep ; 2.58; 7000;occ; 106; 0;49638
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 22; 5240.2; 28-AUG-2011 00:24:16; Dark ; 52.0; 33; 50Zet Ori ; 1.77; 30000;occ; 104; 0;49642
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 5; 2065.6; 27-AUG-2011 18:30:40; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49639

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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
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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
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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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8; 1307.3; 28-AUG-2011 02:39:11; Dark ; 47.5; 18; 24Alp PsA ; 1.17; 9700;occ; 95; 0;49644
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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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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; -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
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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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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
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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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14; 1308.1; 28-AUG-2011 05:59:40; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;49646
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16; 1792.7; 28-AUG-2011 06:07:44; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;49646
17; 1884.9; 28-AUG-2011 06:09:17; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;49646
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19; 2507.3; 28-AUG-2011 06:19:39; Bright; 47.0; 164; 44Eta Peg ; 2.95; 5400;occ; 94; 0;49646
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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
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9; -464.4; 28-AUG-2011 07:10:21; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;49646
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13; 4841.1; 28-AUG-2011 10:19:01; Dark ; 38.0; 153; 3Bet CMi ; 2.89; 13100;occ; 76; 0;49648
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13; 4754.6; 28-AUG-2011 11:57:48; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;49649
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 6; 2962.3; 29-AUG-2011 02:30:01; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49658
 7; 3143.5; 29-AUG-2011 02:33:03; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;49658
 8; 3272.3; 29-AUG-2011 02:35:11; Bright; 43.5; 76; 27Gam Cas ; 2.30; 30000;occ; 87; 0;49658


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11; 4488.0; 29-AUG-2011 02:55:27; Bright; 35.5; 17; 78Bet Gem ; 1.16; 4500;occ; 71; 0;49658
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13; 4757.7; 29-AUG-2011 02:59:57; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;49658
14; 5020.2; 29-AUG-2011 03:04:19; Dark ; 71.5; 14; 58Alp Ori ; 0.87; 3000;occ; 143; 0;49658
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16; 5745.9; 29-AUG-2011 03:16:25; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49658
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22; 7807.5; 29-AUG-2011 03:50:47; Bright; 38.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 77; 0;49659
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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26; 8976.2; 29-AUG-2011 04:10:15; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;49659
27; 9156.8; 29-AUG-2011 04:13:16; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;49659
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3; 1884.1; 29-AUG-2011 15:33:55; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;49666
4; 2063.7; 29-AUG-2011 15:36:55; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;49666
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3; 1884.1; 29-AUG-2011 17:14:09; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;49667
4; 2063.6; 29-AUG-2011 17:17:09; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;49667
5; 2496.2; 29-AUG-2011 17:24:21; Bright; 43.5; 164; 44Eta Peg ; 2.95; 5400;occ; 87; 0;49667
6; 2961.3; 29-AUG-2011 17:32:06; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;49667
7; 3137.6; 29-AUG-2011 17:35:03; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49667
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16; 5416.9; 29-AUG-2011 18:13:02; Dark ; 41.5; 179; 240mi2CMA ; 3.03; 24000;occ; 83; 0;49667
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19; 6524.2; 29-AUG-2011 18:31:29; Dark ; 41.5; 143; Alp Hyi ; 2.86; 7200;occ; 83; 0;49668
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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
5; 2062.8; 30-AUG-2011 20:00:51; Bright; 38.5; 61; 8Eps Peg ; 2.10; 3900;occ; 77; 0;49683
6; 2487.9; 30-AUG-2011 20:07:56; Bright; 43.0; 164; 44Eta Peg ; 2.95; 5400;occ; 86; 0;49683
7; 2959.7; 30-AUG-2011 20:15:48; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;49683
8; 3127.5; 30-AUG-2011 20:18:36; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;49683
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12; 4492.1; 30-AUG-2011 20:41:21; Bright; 39.0; 17; 78Bet Gem ; 1.16; 4500;occ; 78; 0;49683
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12; 2959.4; 30-AUG-2011 21:56:02; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;49684
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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
11; 4665.4; 31-AUG-2011 16:47:01; Dark ; 57.5; 151; 13Mu Gem ; 2.89; 3000;occ; 115; 0;49695
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
16; 5787.9; 31-AUG-2011 17:05:44; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49695
17; 6504.3; 31-AUG-2011 17:17:40; Dark ; 55.5; 157; The1Eri ; 2.91; 9300;occ; 111; 0;49696
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4; 2230.7; 31-AUG-2011 17:46:41; Bright; 48.5; 90; 54Alp Peg ; 2.49; 11000;occ; 97; 0;49696
5; 2481.8; 31-AUG-2011 17:50:52; Bright; 45.0; 164; 44Eta Peg ; 2.95; 5400;occ; 90; 0;49696
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