

GOMOS Daily Report 08-DEC-2010

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	14DEC2010 16:04:56
Data source version	GOMOS/5.01
Start time of products	08DEC2010 00:01:18
Stop time of products	08DEC2010 23:46:20
Store outputs in DB	No
Nb of level 1b prods	182
Nb of prods with errors	2

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

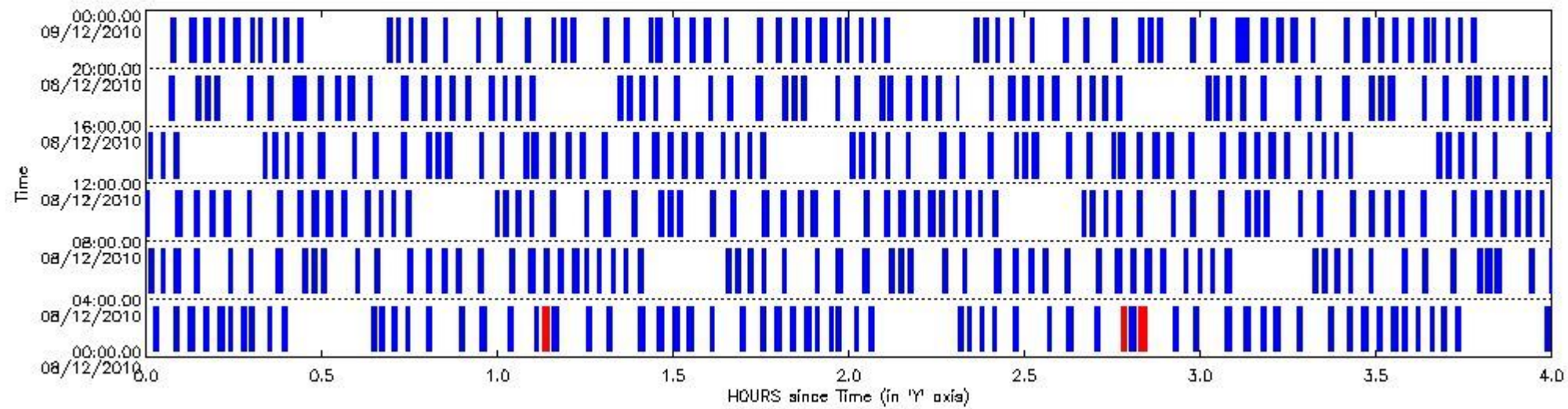
2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
08-DEC-2010 01:07:40	4GamCrv	100	45864
08-DEC-2010 02:46:27	46GamHya	169	45865
08-DEC-2010 02:49:31	2EpsCrv	171	45865

2.4 Summary of processed GOM_TRA_1P products

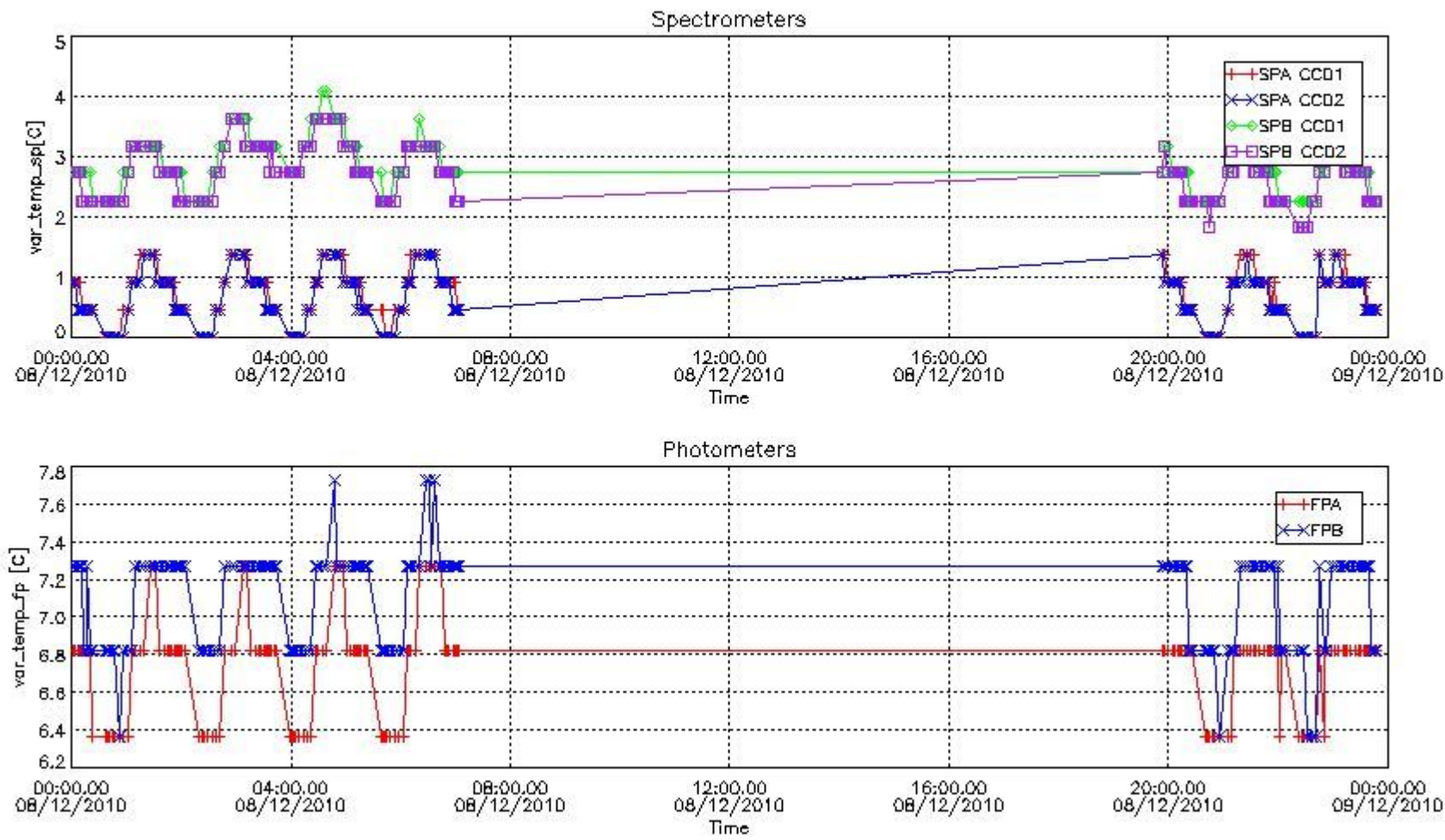
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20101208_000118_000000503097_00160_45864_4876.N1	08-DEC-2010 00:01:18	Straylight	49.500	101	11Alp Lep	2.5820	7000.0	99	45864	No
2	GOM_TRA_1PNPDE20101208_000435_000000543097_00160_45864_4877.N1	08-DEC-2010 00:04:35	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	45864	No
3	GOM_TRA_1PNPDE20101208_000710_000000553097_00160_45864_4878.N1	08-DEC-2010 00:07:10	Straylight	54.500	30	46Eps Ori	1.6940	30000.	109	45864	No
4	GOM_TRA_1PNPDE20101208_000940_000000553097_00160_45864_4879.N1	08-DEC-2010 00:09:40	Twilight_and_stray	54.500	27	24Gam Ori	1.6360	26000.	109	45864	No
5	GOM_TRA_1PNPDE20101208_001211_000000583097_00160_45864_4880.N1	08-DEC-2010 00:12:11	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	45864	No
6	GOM_TRA_1PNPDE20101208_001405_000000393097_00160_45864_4881.N1	08-DEC-2010 00:14:05	Bright	39.000	146	25Eta Tau	2.8730	15200.	78	45864	No
7	GOM_TRA_1PNPDE20101208_001620_000000373097_00160_45864_4882.N1	08-DEC-2010 00:16:20	Bright	37.000	150	44Zet Per	2.8900	28000.	74	45864	No
8	GOM_TRA_1PNPDE20101208_001739_000000433097_00160_45864_4883.N1	08-DEC-2010 00:17:39	Bright	42.500	114	3Iot Aur	2.6930	4600.0	85	45864	No

9	GOM_TRA_1PNPDE20101208_002048_000000363097_00160_45864_4884.N1	08-DEC-2010 00:20:48	Bright	36.000	175	39Del Per	3.0100	19400.	72	45864	No
10	GOM_TRA_1PNPDE20101208_002315_000000473097_00160_45864_4885.N1	08-DEC-2010 00:23:15	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	45864	No
11	GOM_TRA_1PNPDE20101208_003823_000000473097_00160_45864_4886.N1	08-DEC-2010 00:38:23	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	45864	No
12	GOM_TRA_1PNPDE20101208_003954_000000473097_00160_45864_4887.N1	08-DEC-2010 00:39:54	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	45864	No
13	GOM_TRA_1PNPDE20101208_004203_000000403097_00160_45864_4888.N1	08-DEC-2010 00:42:03	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	45864	No
14	GOM_TRA_1PNPDE20101208_004420_000000393097_00160_45864_4889.N1	08-DEC-2010 00:44:20	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	45864	No
15	GOM_TRA_1PNPDE20101208_004750_000000433097_00160_45864_4890.N1	08-DEC-2010 00:47:50	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	45864	No
16	GOM_TRA_1PNPDE20101208_005335_000000383097_00160_45864_4891.N1	08-DEC-2010 00:53:35	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	45864	No
17	GOM_TRA_1PNPDE20101208_005658_000000653097_00160_45864_4892.N1	08-DEC-2010 00:56:58	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	45864	No
18	GOM_TRA_1PNPDE20101208_010142_000000543097_00160_45864_4893.N1	08-DEC-2010 01:01:42	Twilight	53.500	121	29Gam Vir	2.7400	7200.0	107	45864	No
19	GOM_TRA_1PNPDE20101208_010616_000000413097_00160_45864_4914.N1	08-DEC-2010 01:06:16	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	45864	No
20	GOM_TRA_1PNPDE20101208_010920_000000563097_00160_45864_4915.N1	08-DEC-2010 01:09:20	Dark	55.500	171	2Eps Crv	3.0010	4250.0	111	45864	No
21	GOM_TRA_1PNPDE20101208_011513_000000413097_00160_45864_4916.N1	08-DEC-2010 01:15:13	Dark	41.000	99	Del Cen	2.5750	26000.	82	45864	No
22	GOM_TRA_1PNPDE20101208_011837_000000453097_00161_45865_4917.N1	08-DEC-2010 01:18:37	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	45865	No
23	GOM_TRA_1PNPDE20101208_012715_000000553097_00161_45865_4918.N1	08-DEC-2010 01:27:15	Dark	55.000	34	Gam2Vel	1.7930	23000.	110	45865	No
24	GOM_TRA_1PNPDE20101208_013001_000000573097_00161_45865_4919.N1	08-DEC-2010 01:30:01	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	45865	No
25	GOM_TRA_1PNPDE20101208_013219_000000593097_00161_45865_4920.N1	08-DEC-2010 01:32:19	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	45865	No
26	GOM_TRA_1PNPDE20101208_013614_000000443097_00161_45865_4921.N1	08-DEC-2010 01:36:14	Dark	43.500	108	Alp Col	2.6520	15200.	87	45865	No
27	GOM_TRA_1PNPDE20101208_014132_000000493097_00161_45865_4922.N1	08-DEC-2010 01:41:32	Straylight	48.500	101	11Alp Lep	2.5820	7000.0	97	45865	No
28	GOM_TRA_1PNPDE20101208_014449_000000603097_00161_45865_4923.N1	08-DEC-2010 01:44:49	Straylight	59.500	7	19Bet Ori	0.10000	14000.	119	45865	No
29	GOM_TRA_1PNPDE20101208_014723_000000553097_00161_45865_4924.N1	08-DEC-2010 01:47:23	Straylight	55.000	30	46Eps Ori	1.6940	30000.	110	45865	No
30	GOM_TRA_1PNPDE20101208_014954_000000573097_00161_45865_4925.N1	08-DEC-2010 01:49:54	Twilight	57.000	27	24Gam Ori	1.6360	26000.	114	45865	No
31	GOM_TRA_1PNPDE20101208_015225_000000573097_00161_45865_4926.N1	08-DEC-2010 01:52:25	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	45865	No
32	GOM_TRA_1PNPDE20101208_015419_000000383097_00161_45865_4927.N1	08-DEC-2010 01:54:19	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	45865	No
33	GOM_TRA_1PNPDE20101208_015634_000000373097_00161_45865_4928.N1	08-DEC-2010 01:56:34	Bright	36.500	150	44Zet Per	2.8900	28000.	73	45865	No
34	GOM_TRA_1PNPDE20101208_015752_000000433097_00161_45865_4929.N1	08-DEC-2010 01:57:52	Bright	43.000	114	31ot Aur	2.6930	4600.0	86	45865	No
35	GOM_TRA_1PNPDE20101208_020102_000000363097_00161_45865_4930.N1	08-DEC-2010 02:01:02	Bright	36.000	175	39Del Per	3.0100	19400.	72	45865	No
36	GOM_TRA_1PNPDE20101208_020328_000000473097_00161_45865_4931.N1	08-DEC-2010 02:03:28	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	45865	No
37	GOM_TRA_1PNPDE20101208_021836_000000473097_00161_45865_4932.N1	08-DEC-2010 02:18:36	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	45865	No
38	GOM_TRA_1PNPDE20101208_022008_000000483097_00161_45865_4933.N1	08-DEC-2010 02:20:08	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	45865	No
39	GOM_TRA_1PNPDE20101208_022216_000000423097_00161_45865_4934.N1	08-DEC-2010 02:22:16	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	45865	No
40	GOM_TRA_1PNPDE20101208_022434_000000393097_00161_45865_4935.N1	08-DEC-2010 02:24:34	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	45865	No
41	GOM_TRA_1PNPDE20101208_022805_000000403097_00161_45865_4936.N1	08-DEC-2010 02:28:05	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	45865	No
42	GOM_TRA_1PNPDE20101208_023349_000000383097_00161_45865_4937.N1	08-DEC-2010 02:33:49	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	45865	No
43	GOM_TRA_1PNPDE20101208_023713_000000653097_00161_45865_4938.N1	08-DEC-2010 02:37:13	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	45865	No
44	GOM_TRA_1PNPDE20101208_024156_000000533097_00161_45865_4939.N1	08-DEC-2010 02:41:56	Twilight	52.500	121	29Gam Vir	2.7400	7200.0	105	45865	No
45	GOM_TRA_1PNPDE20101208_024759_000000503097_00161_45865_4940.N1	08-DEC-2010 02:47:59	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	45865	No
46	GOM_TRA_1PNPDE20101208_025527_000000403097_00161_45865_4941.N1	08-DEC-2010 02:55:27	Dark	39.500	99	Del Cen	2.5750	26000.	79	45865	No
47	GOM_TRA_1PNPDE20101208_025852_000000433097_00162_45866_4942.N1	08-DEC-2010 02:58:52	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	45866	No
48	GOM_TRA_1PNPDE20101208_030730_000000523097_00162_45866_4943.N1	08-DEC-2010 03:07:30	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	45866	No
49	GOM_TRA_1PNPDE20101208_031016_000000573097_00162_45866_4944.N1	08-DEC-2010 03:10:16	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	45866	No
50	GOM_TRA_1PNPDE20101208_031234_000000593097_00162_45866_4945.N1	08-DEC-2010 03:12:34	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	45866	No
51	GOM_TRA_1PNPDE20101208_031628_000000463097_00162_45866_4946.N1	08-DEC-2010 03:16:28	Dark	45.500	108	Alp Col	2.6520	15200.	91	45866	No
52	GOM_TRA_1PNPDE20101208_032146_000000483097_00162_45866_4947.N1	08-DEC-2010 03:21:46	Straylight	47.500	101	11Alp Lep	2.5820	7000.0	95	45866	No
53	GOM_TRA_1PNPDE20101208_032503_000000563097_00162_45866_4948.N1	08-DEC-2010 03:25:03	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	45866	No
54	GOM_TRA_1PNPDE20101208_032737_000000573097_00162_45866_4949.N1	08-DEC-2010 03:27:37	Straylight	57.000	30	46Eps Ori	1.6940	30000.	114	45866	No
55	GOM_TRA_1PNPDE20101208_033008_000000543097_00162_45866_4950.N1	08-DEC-2010 03:30:08	Twilight	54.000	27	24Gam Ori	1.6360	26000.	108	45866	No
56	GOM_TRA_1PNPDE20101208_033239_000000583097_00162_45866_4951.N1	08-DEC-2010 03:32:39	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	45866	No
57	GOM_TRA_1PNPDE20101208_033433_000000383097_00162_45866_4952.N1	08-DEC-2010 03:34:33	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	45866	No
58	GOM_TRA_1PNPDE20101208_033648_000000383097_00162_45866_4953.N1	08-DEC-2010 03:36:48	Bright	37.500	150	44Zet Per	2.8900	28000.	75	45866	No
59	GOM_TRA_1PNPDE20101208_033909_000000363097_00162_45866_4954.N1	08-DEC-2010 03:39:09	Bright	35.500	149	45Eps Per	2.8880	30000.	71	45866	No
60	GOM_TRA_1PNPDE20101208_034116_000000353097_00162_45866_4955.N1	08-DEC-2010 03:41:16	Bright	34.500	175	39Del Per	3.0100	19400.	69	45866	No
61	GOM_TRA_1PNPDE20101208_034341_000000463097_00162_45866_4956.N1	08-DEC-2010 03:43:41	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	45866	No
62	GOM_TRA_1PNPDE20101208_035850_000000473097_00162_45866_4928.N1	08-DEC-2010 03:58:50	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	45866	No
63	GOM_TRA_1PNPDE20101208_040021_000000503097_00162_45866_4929.N1	08-DEC-2010 04:00:21	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	45866	No
64	GOM_TRA_1PNPDE20101208_040230_000000393097_00162_45866_4930.N1	08-DEC-2010 04:02:30	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	45866	No
65	GOM_TRA_1PNPDE20101208_040448_000000563097_00162_45866_4931.N1	08-DEC-2010 04:04:48	Bright	56.000	39	85Eta UMa	1.8540	24000.	112	45866	No
66	GOM_TRA_1PNPDE20101208_040819_000000433097_00162_45866_4932.N1	08-DEC-2010 04:08:19	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	45866	No
67	GOM_TRA_1PNPDE20101208_041403_000000363097_00162_45866_4933.N1	08-DEC-2010 04:14:03	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	45866	No

68	GOM_TRA_1PNPDE20101208_041728_000000463097_00162_45866_4934.N1	08-DEC-2010 04:17:28	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	45866	No
69	GOM_TRA_1PNPDE20101208_042211_000000553097_00162_45866_4935.N1	08-DEC-2010 04:22:11	Tw_i_and_stray	55.000	121	29Gam Vir	2.7400	7200.0	110	45866	No
70	GOM_TRA_1PNPDE20101208_042645_000000463097_00162_45866_4936.N1	08-DEC-2010 04:26:45	Tw_i_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	45866	No
71	GOM_TRA_1PNPDE20101208_042814_000000483097_00162_45866_4937.N1	08-DEC-2010 04:28:14	Dark	47.500	100	4Gam Crv	2.5800	13100.	95	45866	No
72	GOM_TRA_1PNPDE20101208_042950_000000543097_00162_45866_4938.N1	08-DEC-2010 04:29:50	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	45866	No
73	GOM_TRA_1PNPDE20101208_043542_000000413097_00162_45866_4939.N1	08-DEC-2010 04:35:42	Dark	41.000	99	Del Cen	2.5750	26000.	82	45866	No
74	GOM_TRA_1PNPDE20101208_043907_000000443097_00163_45867_4940.N1	08-DEC-2010 04:39:07	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	45867	No
75	GOM_TRA_1PNPDE20101208_044745_000000473097_00163_45867_4941.N1	08-DEC-2010 04:47:45	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	45867	No
76	GOM_TRA_1PNPDE20101208_045030_000000503097_00163_45867_4942.N1	08-DEC-2010 04:50:30	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	45867	No
77	GOM_TRA_1PNPDE20101208_045249_000000573097_00163_45867_4943.N1	08-DEC-2010 04:52:49	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	45867	No
78	GOM_TRA_1PNPDE20101208_045643_000000453097_00163_45867_4944.N1	08-DEC-2010 04:56:43	Dark	44.500	108	Alp Col	2.6520	15200.	89	45867	No
79	GOM_TRA_1PNPDE20101208_050200_000000513097_00163_45867_4945.N1	08-DEC-2010 05:02:00	Straylight	50.500	101	11Alp Lep	2.5820	7000.0	101	45867	No
80	GOM_TRA_1PNPDE20101208_050518_000000563097_00163_45867_4946.N1	08-DEC-2010 05:05:18	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	45867	No
81	GOM_TRA_1PNPDE20101208_050751_000000573097_00163_45867_4947.N1	08-DEC-2010 05:07:51	Straylight	56.500	30	46Eps Ori	1.6940	30000.	113	45867	No
82	GOM_TRA_1PNPDE20101208_051022_000000523097_00163_45867_4948.N1	08-DEC-2010 05:10:22	Tw_i_and_stray	52.000	27	24Gam Ori	1.6360	26000.	104	45867	No
83	GOM_TRA_1PNPDE20101208_051253_000000583097_00163_45867_4949.N1	08-DEC-2010 05:12:53	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	45867	No
84	GOM_TRA_1PNPDE20101208_051447_000000393097_00163_45867_4950.N1	08-DEC-2010 05:14:47	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	45867	No
85	GOM_TRA_1PNPDE20101208_051702_000000383097_00163_45867_4951.N1	08-DEC-2010 05:17:02	Bright	38.000	150	44Zet Per	2.8900	28000.	76	45867	No
86	GOM_TRA_1PNPDE20101208_051923_000000373097_00163_45867_4952.N1	08-DEC-2010 05:19:23	Bright	36.500	149	45Eps Per	2.8880	30000.	73	45867	No
87	GOM_TRA_1PNPDE20101208_052130_000000373097_00163_45867_4953.N1	08-DEC-2010 05:21:30	Bright	37.000	175	39Del Per	3.0100	19400.	74	45867	No
88	GOM_TRA_1PNPDE20101208_052354_000000483097_00163_45867_4954.N1	08-DEC-2010 05:23:54	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	45867	No
89	GOM_TRA_1PNPDE20101208_053903_000000443097_00163_45867_4977.N1	08-DEC-2010 05:39:03	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	45867	No
90	GOM_TRA_1PNPDE20101208_054035_000000493097_00163_45867_4978.N1	08-DEC-2010 05:40:35	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	45867	No
91	GOM_TRA_1PNPDE20101208_054244_000000433097_00163_45867_4979.N1	08-DEC-2010 05:42:44	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	45867	No
92	GOM_TRA_1PNPDE20101208_054502_000000403097_00163_45867_4980.N1	08-DEC-2010 05:45:02	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	45867	No
93	GOM_TRA_1PNPDE20101208_054833_000000433097_00163_45867_4981.N1	08-DEC-2010 05:48:33	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	45867	No
94	GOM_TRA_1PNPDE20101208_055418_000000373097_00163_45867_4982.N1	08-DEC-2010 05:54:18	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	45867	No
95	GOM_TRA_1PNPDE20101208_055742_000000653097_00163_45867_4983.N1	08-DEC-2010 05:57:42	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	45867	No
96	GOM_TRA_1PNPDE20101208_060226_000000563097_00163_45867_4984.N1	08-DEC-2010 06:02:26	Tw_i_and_stray	55.500	121	29Gam Vir	2.7400	7200.0	111	45867	No
97	GOM_TRA_1PNPDE20101208_060700_000000423097_00163_45867_4985.N1	08-DEC-2010 06:07:00	Tw_i_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	45867	No
98	GOM_TRA_1PNPDE20101208_060829_000000503097_00163_45867_4986.N1	08-DEC-2010 06:08:29	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	45867	No
99	GOM_TRA_1PNPDE20101208_061005_000000523097_00163_45867_4987.N1	08-DEC-2010 06:10:05	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	45867	No
100	GOM_TRA_1PNPDE20101208_061557_000000433097_00163_45867_4988.N1	08-DEC-2010 06:15:57	Dark	43.000	99	Del Cen	2.5750	26000.	86	45867	No
101	GOM_TRA_1PNPDE20101208_061922_000000453097_00164_45868_4989.N1	08-DEC-2010 06:19:22	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	45868	No
102	GOM_TRA_1PNPDE20101208_062800_000000483097_00164_45868_4990.N1	08-DEC-2010 06:28:00	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	45868	No
103	GOM_TRA_1PNPDE20101208_063045_000000473097_00164_45868_4991.N1	08-DEC-2010 06:30:45	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	45868	No
104	GOM_TRA_1PNPDE20101208_063304_000000573097_00164_45868_4992.N1	08-DEC-2010 06:33:04	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	45868	No
105	GOM_TRA_1PNPDE20101208_063657_000000423097_00164_45868_4993.N1	08-DEC-2010 06:36:57	Dark	42.000	108	Alp Col	2.6520	15200.	84	45868	No
106	GOM_TRA_1PNPDE20101208_064214_000000503097_00164_45868_4994.N1	08-DEC-2010 06:42:14	Straylight	49.500	101	11Alp Lep	2.5820	7000.0	99	45868	No
107	GOM_TRA_1PNPDE20101208_064532_000000603097_00164_45868_4995.N1	08-DEC-2010 06:45:32	Straylight	60.000	7	19Bet Ori	0.10000	14000.	120	45868	No
108	GOM_TRA_1PNPDE20101208_064805_000000593097_00164_45868_4996.N1	08-DEC-2010 06:48:05	Straylight	58.500	30	46Eps Ori	1.6940	30000.	117	45868	No
109	GOM_TRA_1PNPDE20101208_065035_000000553097_00164_45868_4997.N1	08-DEC-2010 06:50:35	Tw_i_and_stray	54.500	27	24Gam Ori	1.6360	26000.	109	45868	No
110	GOM_TRA_1PNPDE20101208_065307_000000583097_00164_45868_4998.N1	08-DEC-2010 06:53:07	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	45868	No
111	GOM_TRA_1PNPDE20101208_065716_000000383097_00164_45868_4999.N1	08-DEC-2010 06:57:16	Bright	37.500	150	44Zet Per	2.8900	28000.	75	45868	No
112	GOM_TRA_1PNPDE20101208_065937_000000363097_00164_45868_5000.N1	08-DEC-2010 06:59:37	Bright	35.500	149	45Eps Per	2.8880	30000.	71	45868	No
113	GOM_TRA_1PNPDE20101208_070144_000000363097_00164_45868_5001.N1	08-DEC-2010 07:01:44	Bright	36.000	175	39Del Per	3.0100	19400.	72	45868	No
114	GOM_TRA_1PNPDE20101208_070408_000000613097_00164_45868_5002.N1	08-DEC-2010 07:04:08	Bright	61.000	42	34Bet Aur	1.9000	10200.	122	45868	No
115	GOM_TRA_1PNPDE20101208_195241_000000563097_00172_45876_5106.N1	08-DEC-2010 19:52:41	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	45876	Yes
116	GOM_TRA_1PNPDE20101208_195502_000000543097_00172_45876_5107.N1	08-DEC-2010 19:55:02	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	45876	No
117	GOM_TRA_1PNPDE20101208_195831_000000303097_00172_45876_5108.N1	08-DEC-2010 19:58:31	Dark	30.000	23	21Eps CMa	1.5020	26000.	60	45876	No
118	GOM_TRA_1PNPDE20101208_200408_000000493097_00172_45876_5109.N1	08-DEC-2010 20:04:08	Straylight	48.500	101	11Alp Lep	2.5820	7000.0	97	45876	No
119	GOM_TRA_1PNPDE20101208_200724_000000613097_00172_45876_5110.N1	08-DEC-2010 20:07:24	Straylight	61.000	7	19Bet Ori	0.10000	14000.	122	45876	No
120	GOM_TRA_1PNPDE20101208_200956_000000553097_00172_45876_5111.N1	08-DEC-2010 20:09:56	Straylight	54.500	30	46Eps Ori	1.6940	30000.	109	45876	No
121	GOM_TRA_1PNPDE20101208_201225_000000523097_00172_45876_5112.N1	08-DEC-2010 20:12:25	Tw_i_and_stray	51.500	27	24Gam Ori	1.6360	26000.	103	45876	No
122	GOM_TRA_1PNPDE20101208_201458_000000583097_00172_45876_5113.N1	08-DEC-2010 20:14:58	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	45876	No
123	GOM_TRA_1PNPDE20101208_201751_000000303097_00172_45876_5114.N1	08-DEC-2010 20:17:51	Tw_i_and_stray	30.000	176	23Zet Tau	3.0200	22000.	60	45876	No
124	GOM_TRA_1PNPDE20101208_201908_000000383097_00172_45876_5115.N1	08-DEC-2010 20:19:08	Bright	38.000	150	44Zet Per	2.8900	28000.	76	45876	No
125	GOM_TRA_1PNPDE20101208_202128_000000383097_00172_45876_5116.N1	08-DEC-2010 20:21:28	Bright	37.500	149	45Eps Per	2.8880	30000.	75	45876	No
126	GOM_TRA_1PNPDE20101208_202335_000000373097_00172_45876_5117.N1	08-DEC-2010 20:23:35	Bright	36.500	175	39Del Per	3.0100	19400.	73	45876	No

127	GOM_TRA_1PNPDE20101208_202554_000000453097_00172_45876_5118.N1	08-DEC-2010 20:25:54	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	45876	No
128	GOM_TRA_1PNPDE20101208_204106_000000453097_00172_45876_5119.N1	08-DEC-2010 20:41:06	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	45876	No
129	GOM_TRA_1PNPDE20101208_204237_000000493097_00172_45876_5120.N1	08-DEC-2010 20:42:37	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	45876	No
130	GOM_TRA_1PNPDE20101208_204449_000000433097_00172_45876_5121.N1	08-DEC-2010 20:44:49	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	45876	No
131	GOM_TRA_1PNPDE20101208_204708_000000383097_00172_45876_5122.N1	08-DEC-2010 20:47:08	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	45876	No
132	GOM_TRA_1PNPDE20101208_205039_000000403097_00172_45876_5123.N1	08-DEC-2010 20:50:39	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	45876	No
133	GOM_TRA_1PNPDE20101208_205626_000000363097_00172_45876_5124.N1	08-DEC-2010 20:56:26	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	45876	No
134	GOM_TRA_1PNPDE20101208_210439_000000513097_00172_45876_5165.N1	08-DEC-2010 21:04:39	Tw_i_and_stray	50.500	121	29Gam Vir	2.7400	7200.0	101	45876	No
135	GOM_TRA_1PNPDE20101208_210911_000000453097_00172_45876_5166.N1	08-DEC-2010 21:09:11	Tw_i_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	45876	No
136	GOM_TRA_1PNPDE20101208_211045_000000543097_00172_45876_5167.N1	08-DEC-2010 21:10:45	Dark	53.500	100	4Gam Crv	2.5800	13100.	107	45876	No
137	GOM_TRA_1PNPDE20101208_211221_000000563097_00172_45876_5168.N1	08-DEC-2010 21:12:21	Dark	55.500	171	2Eps Crv	3.0010	4250.0	111	45876	No
138	GOM_TRA_1PNPDE20101208_211808_000000403097_00172_45876_5169.N1	08-DEC-2010 21:18:08	Dark	40.000	99	Del Cen	2.5750	26000.	80	45876	No
139	GOM_TRA_1PNPDE20101208_212135_000000463097_00173_45877_5170.N1	08-DEC-2010 21:21:35	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	45877	No
140	GOM_TRA_1PNPDE20101208_212548_000000413097_00173_45877_5171.N1	08-DEC-2010 21:25:48	Dark	41.000	91	Kap Vel	2.4900	26000.	82	45877	No
141	GOM_TRA_1PNPDE20101208_213013_000000483097_00173_45877_5172.N1	08-DEC-2010 21:30:13	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	45877	No
142	GOM_TRA_1PNPDE20101208_213255_000000483097_00173_45877_5173.N1	08-DEC-2010 21:32:55	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	45877	No
143	GOM_TRA_1PNPDE20101208_213516_000000593097_00173_45877_5174.N1	08-DEC-2010 21:35:16	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	45877	No
144	GOM_TRA_1PNPDE20101208_213846_000000303097_00173_45877_5175.N1	08-DEC-2010 21:38:46	Dark	30.000	23	21Eps CMa	1.5020	26000.	60	45877	No
145	GOM_TRA_1PNPDE20101208_214422_000000513097_00173_45877_5176.N1	08-DEC-2010 21:44:22	Straylight	50.500	101	11Alp Lep	2.5820	7000.0	101	45877	No
146	GOM_TRA_1PNPDE20101208_214738_000000533097_00173_45877_5177.N1	08-DEC-2010 21:47:38	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	45877	No
147	GOM_TRA_1PNPDE20101208_215009_000000573097_00173_45877_5178.N1	08-DEC-2010 21:50:09	Straylight	56.500	30	46Eps Ori	1.6940	30000.	113	45877	No
148	GOM_TRA_1PNPDE20101208_215239_000000533097_00173_45877_5179.N1	08-DEC-2010 21:52:39	Tw_i_and_stray	53.000	27	24Gam Ori	1.6360	26000.	106	45877	No
149	GOM_TRA_1PNPDE20101208_215511_000000583097_00173_45877_5180.N1	08-DEC-2010 21:55:11	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	45877	No
150	GOM_TRA_1PNPDE20101208_215804_000000303097_00173_45877_5181.N1	08-DEC-2010 21:58:04	Tw_i_and_stray	30.000	176	23Zet Tau	3.0200	22000.	60	45877	No
151	GOM_TRA_1PNPDE20101208_215921_000000363097_00173_45877_5182.N1	08-DEC-2010 21:59:21	Bright	36.000	150	44Zet Per	2.8900	28000.	72	45877	No
152	GOM_TRA_1PNPDE20101208_220142_000000363097_00173_45877_5183.N1	08-DEC-2010 22:01:42	Bright	35.500	149	45Eps Per	2.8880	30000.	71	45877	No
153	GOM_TRA_1PNPDE20101208_220349_000000403097_00173_45877_5184.N1	08-DEC-2010 22:03:49	Bright	39.500	175	39Del Per	3.0100	19400.	79	45877	No
154	GOM_TRA_1PNPDE20101208_220607_000000513097_00173_45877_5185.N1	08-DEC-2010 22:06:07	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	45877	No
155	GOM_TRA_1PNPDE20101208_222119_000000473097_00173_45877_5186.N1	08-DEC-2010 22:21:19	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	45877	No
156	GOM_TRA_1PNPDE20101208_222250_000000503097_00173_45877_5187.N1	08-DEC-2010 22:22:50	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	45877	No
157	GOM_TRA_1PNPDE20101208_222503_000000393097_00173_45877_5188.N1	08-DEC-2010 22:25:03	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	45877	No
158	GOM_TRA_1PNPDE20101208_222722_000000363097_00173_45877_5189.N1	08-DEC-2010 22:27:22	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	45877	No
159	GOM_TRA_1PNPDE20101208_223053_000000433097_00173_45877_5190.N1	08-DEC-2010 22:30:53	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	45877	No
160	GOM_TRA_1PNPDE20101208_223641_000000373097_00173_45877_5191.N1	08-DEC-2010 22:36:41	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	45877	No
161	GOM_TRA_1PNPDE20101208_224007_000000473097_00173_45877_5192.N1	08-DEC-2010 22:40:07	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	45877	No
162	GOM_TRA_1PNPDE20101208_224454_000000563097_00173_45877_5224.N1	08-DEC-2010 22:44:54	Tw_i_and_stray	55.500	121	29Gam Vir	2.7400	7200.0	111	45877	Yes
163	GOM_TRA_1PNPDE20101208_224926_000000443097_00173_45877_5225.N1	08-DEC-2010 22:49:26	Tw_i_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	45877	No
164	GOM_TRA_1PNPDE20101208_225059_000000533097_00173_45877_5226.N1	08-DEC-2010 22:50:59	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	45877	No
165	GOM_TRA_1PNPDE20101208_225236_000000553097_00173_45877_5227.N1	08-DEC-2010 22:52:36	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	45877	No
166	GOM_TRA_1PNPDE20101208_225823_000000423097_00173_45877_5228.N1	08-DEC-2010 22:58:23	Dark	41.500	99	Del Cen	2.5750	26000.	83	45877	No
167	GOM_TRA_1PNPDE20101208_230150_000000463097_00174_45878_5229.N1	08-DEC-2010 23:01:50	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	45878	No
168	GOM_TRA_1PNPDE20101208_230602_000000433097_00174_45878_5230.N1	08-DEC-2010 23:06:02	Dark	42.500	91	Kap Vel	2.4900	26000.	85	45878	No
169	GOM_TRA_1PNPDE20101208_231028_000000523097_00174_45878_5231.N1	08-DEC-2010 23:10:28	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	45878	No
170	GOM_TRA_1PNPDE20101208_231309_000000553097_00174_45878_5232.N1	08-DEC-2010 23:13:09	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	45878	No
171	GOM_TRA_1PNPDE20101208_231531_000000593097_00174_45878_5233.N1	08-DEC-2010 23:15:31	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	45878	No
172	GOM_TRA_1PNPDE20101208_231900_000000343097_00174_45878_5234.N1	08-DEC-2010 23:19:00	Dark	34.000	23	21Eps CMa	1.5020	26000.	68	45878	No
173	GOM_TRA_1PNPDE20101208_232436_000000503097_00174_45878_5235.N1	08-DEC-2010 23:24:36	Straylight	50.000	101	11Alp Lep	2.5820	7000.0	100	45878	No
174	GOM_TRA_1PNPDE20101208_232752_000000553097_00174_45878_5236.N1	08-DEC-2010 23:27:52	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	45878	No
175	GOM_TRA_1PNPDE20101208_233023_000000543097_00174_45878_5237.N1	08-DEC-2010 23:30:23	Straylight	54.000	30	46Eps Ori	1.6940	30000.	108	45878	No
176	GOM_TRA_1PNPDE20101208_233252_000000553097_00174_45878_5238.N1	08-DEC-2010 23:32:52	Tw_i_and_stray	55.000	27	24Gam Ori	1.6360	26000.	110	45878	No
177	GOM_TRA_1PNPDE20101208_233525_000000553097_00174_45878_5239.N1	08-DEC-2010 23:35:25	Bright	55.000	13	87Alp Tau	0.86700	3800.0	110	45878	No
178	GOM_TRA_1PNPDE20101208_233817_000000373097_00174_45878_5240.N1	08-DEC-2010 23:38:17	Bright	37.000	176	23Zet Tau	3.0200	22000.	74	45878	No
179	GOM_TRA_1PNPDE20101208_233935_000000373097_00174_45878_5241.N1	08-DEC-2010 23:39:35	Bright	37.000	150	44Zet Per	2.8900	28000.	74	45878	No
180	GOM_TRA_1PNPDE20101208_234156_000000373097_00174_45878_5242.N1	08-DEC-2010 23:41:56	Bright	36.500	149	45Eps Per	2.8880	30000.	73	45878	No
181	GOM_TRA_1PNPDE20101208_234403_000000363097_00174_45878_5243.N1	08-DEC-2010 23:44:03	Bright	35.500	175	39Del Per	3.0100	19400.	71	45878	No
182	GOM_TRA_1PNPDE20101208_234620_000000473097_00174_45878_5244.N1	08-DEC-2010 23:46:20	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	45878	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).

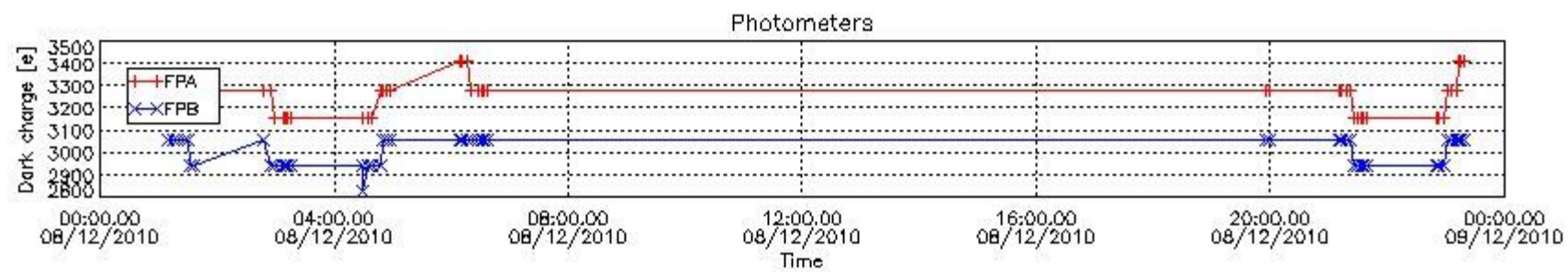
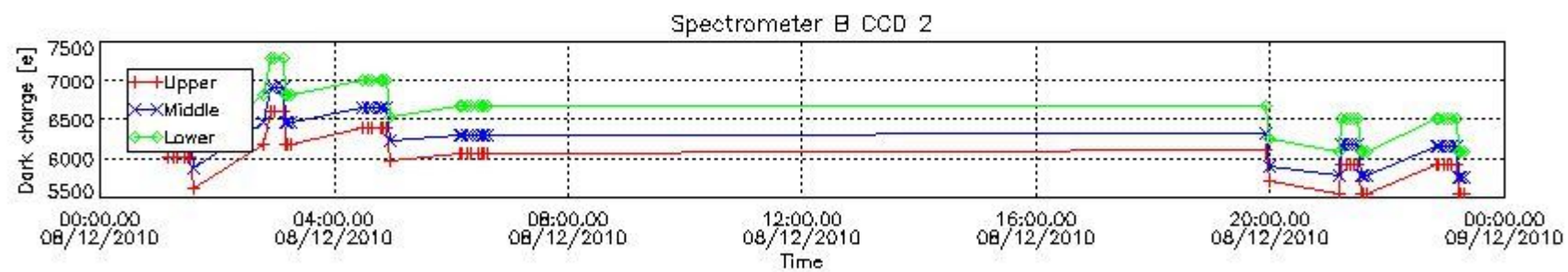
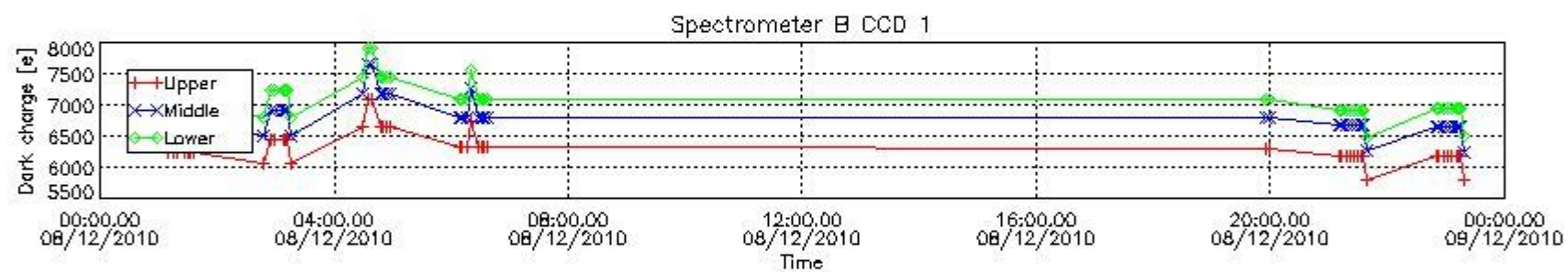
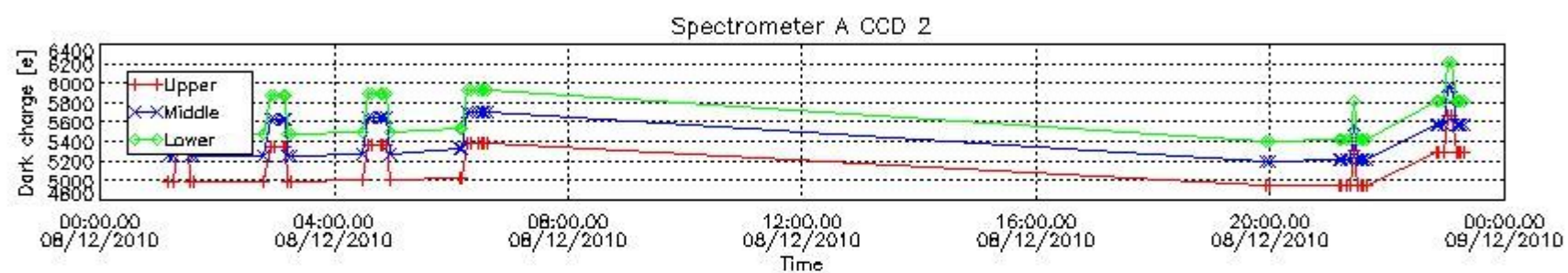
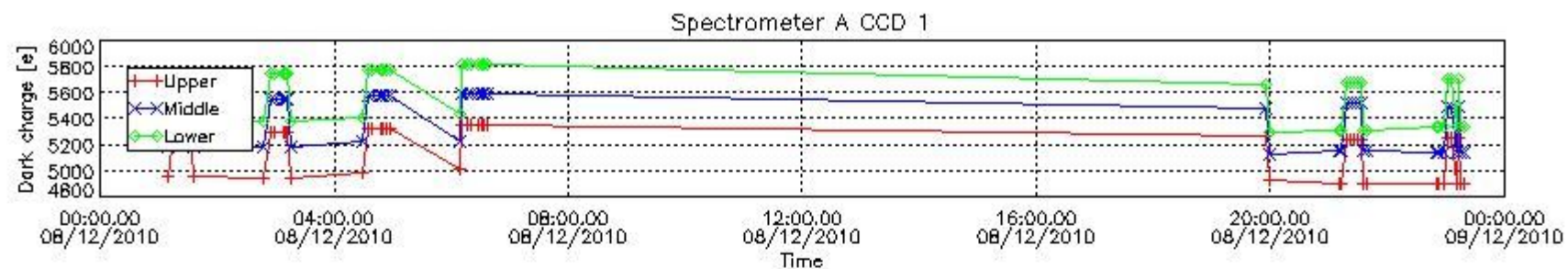
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20101208_195241_000000563097_00172_45876_5106.N1	DC map with no T dep.
GOM_TRA_1PNPDE20101208_195502_000000543097_00172_45876_5107.N1	DC map used
GOM_TRA_1PNPDE20101208_195831_000000303097_00172_45876_5108.N1	DC map used
GOM_TRA_1PNPDE20101208_200408_000000493097_00172_45876_5109.N1	DC map used
GOM_TRA_1PNPDE20101208_200724_000000613097_00172_45876_5110.N1	DC map used
GOM_TRA_1PNPDE20101208_200956_000000553097_00172_45876_5111.N1	DC map used
GOM_TRA_1PNPDE20101208_201225_000000523097_00172_45876_5112.N1	DC map used
GOM_TRA_1PNPDE20101208_201458_000000583097_00172_45876_5113.N1	DC map used
GOM_TRA_1PNPDE20101208_201751_000000303097_00172_45876_5114.N1	DC map used
GOM_TRA_1PNPDE20101208_201908_000000383097_00172_45876_5115.N1	DC map used
GOM_TRA_1PNPDE20101208_202128_000000383097_00172_45876_5116.N1	DC map used
GOM_TRA_1PNPDE20101208_202335_000000373097_00172_45876_5117.N1	DC map used

GOM_TRA_1PNPDE20101208_202554_000000453097_00172_45876_5118.N1	DC map used
GOM_TRA_1PNPDE20101208_204106_000000453097_00172_45876_5119.N1	DC map used
GOM_TRA_1PNPDE20101208_204237_000000493097_00172_45876_5120.N1	DC map used
GOM_TRA_1PNPDE20101208_204449_000000433097_00172_45876_5121.N1	DC map used
GOM_TRA_1PNPDE20101208_204708_000000383097_00172_45876_5122.N1	DC map used
GOM_TRA_1PNPDE20101208_205039_000000403097_00172_45876_5123.N1	DC map used
GOM_TRA_1PNPDE20101208_205626_000000363097_00172_45876_5124.N1	DC map used

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



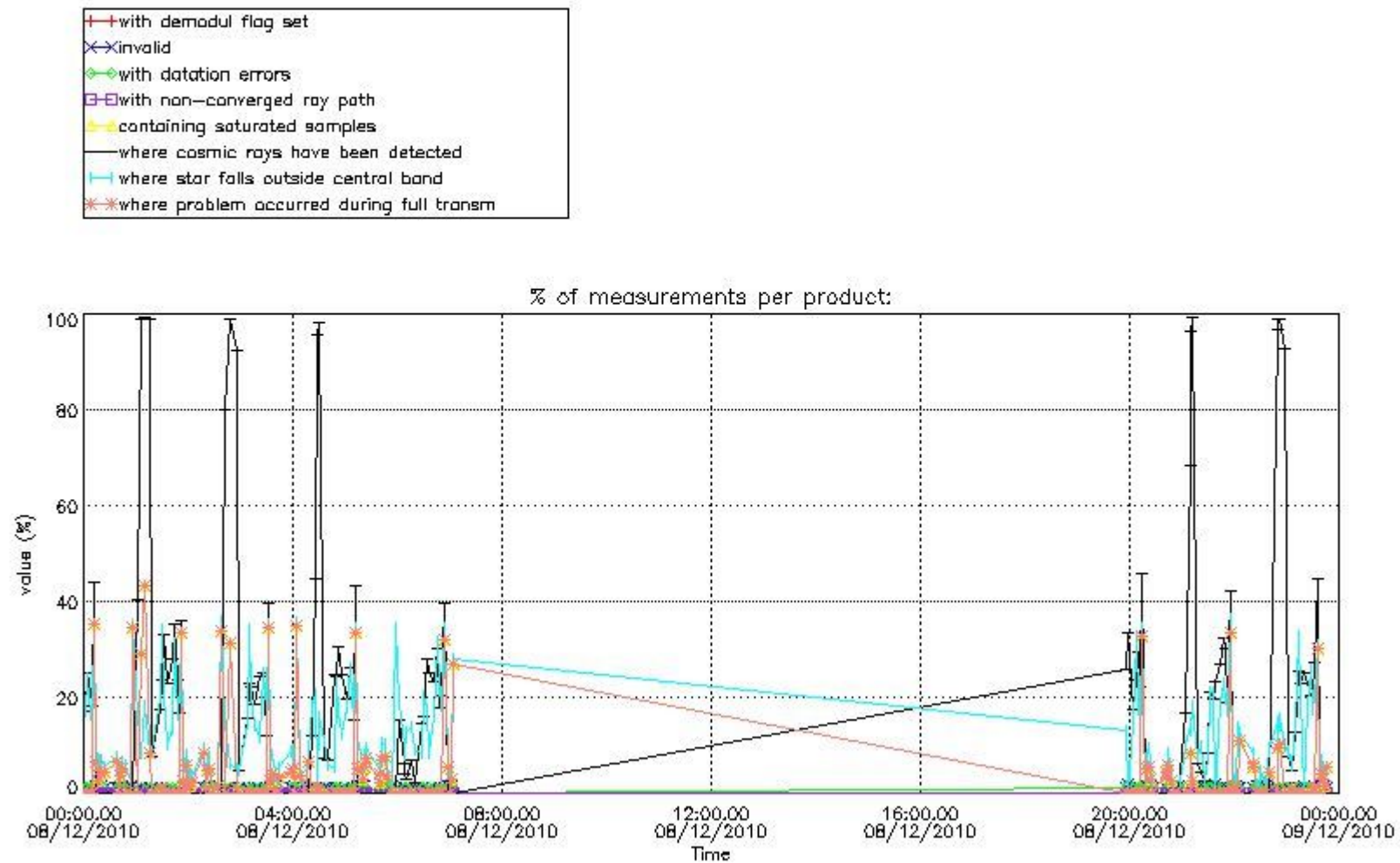
5. Demodulation flag and quality information monitoring

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

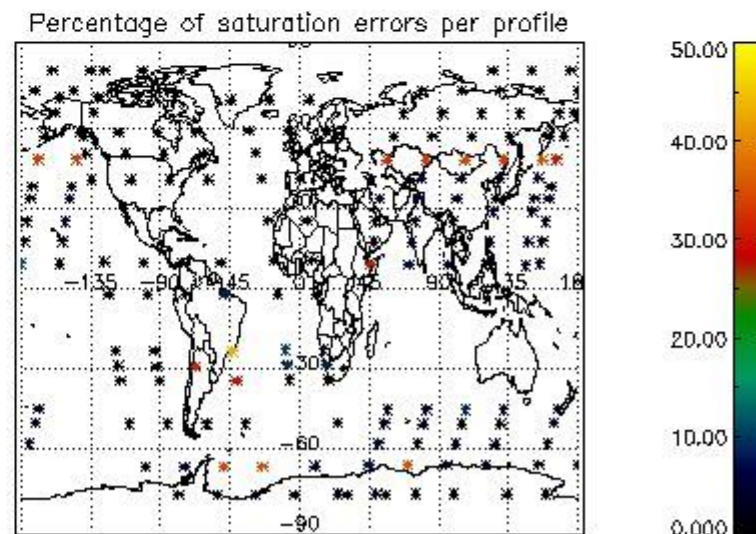
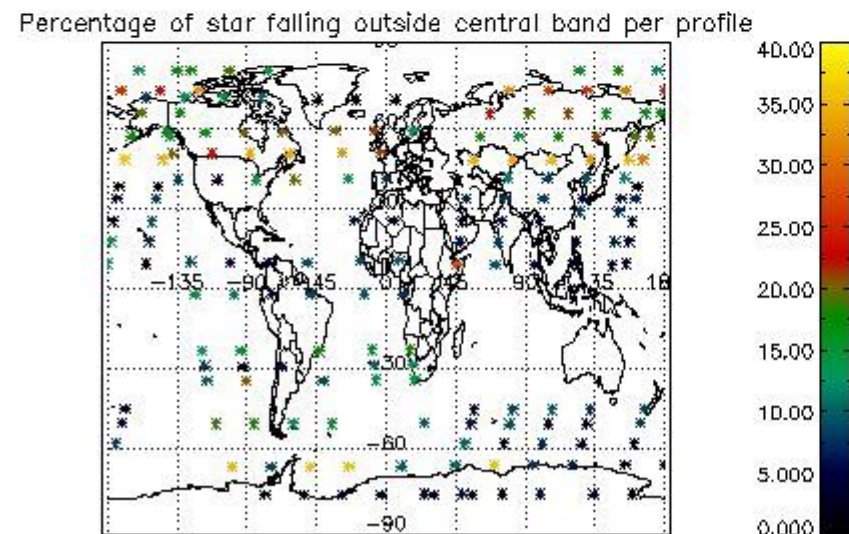
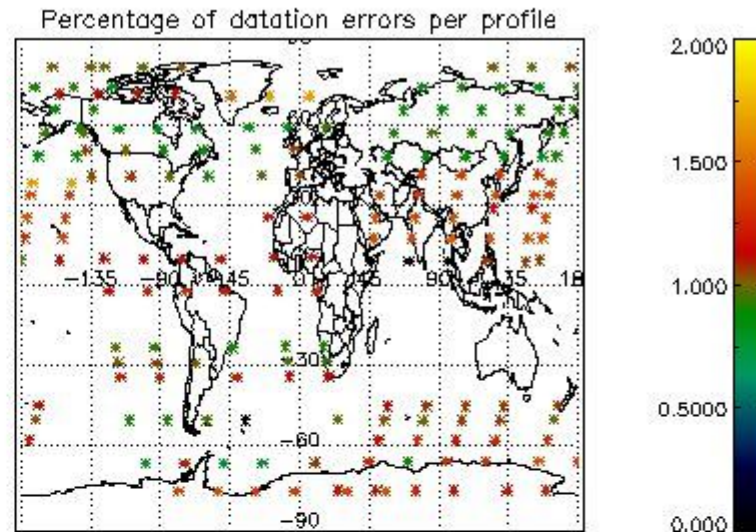
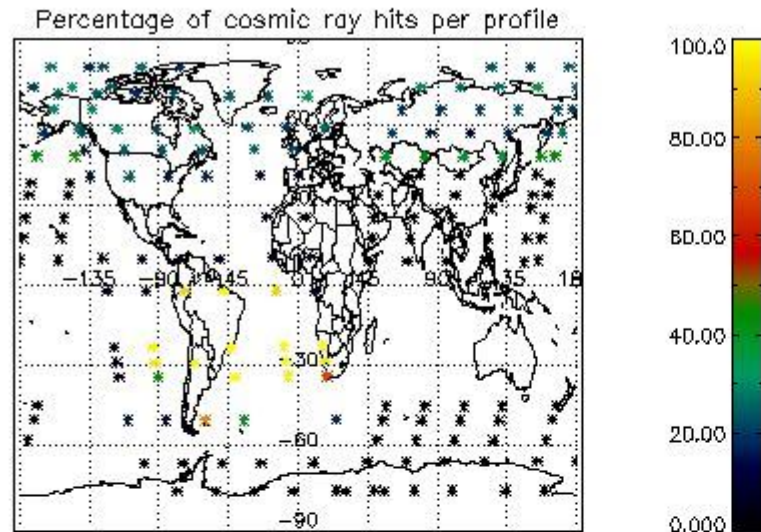
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	51.1111 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



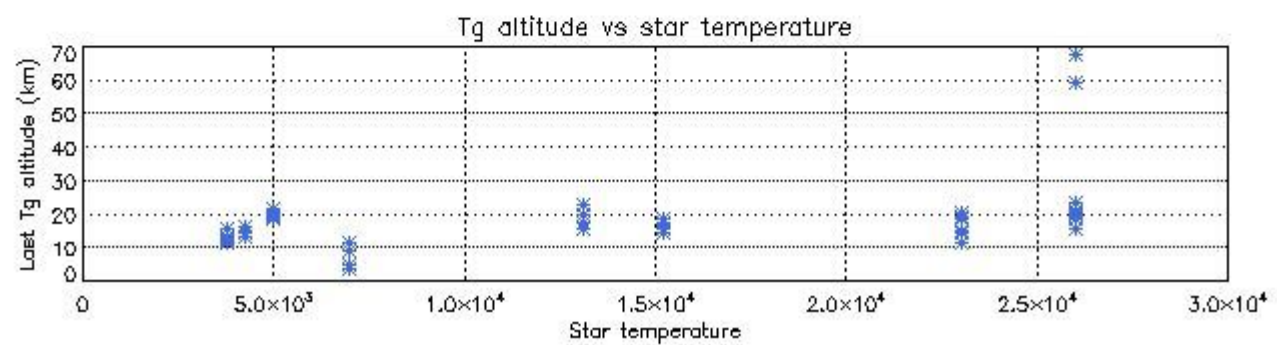
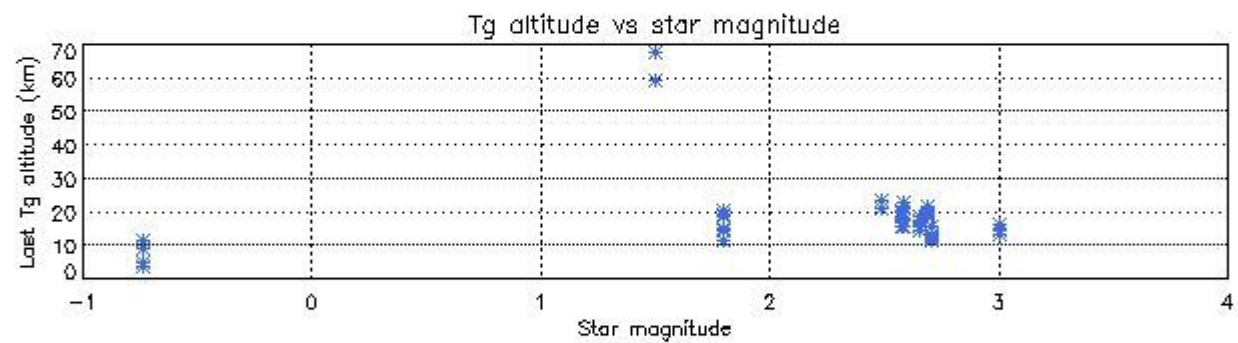
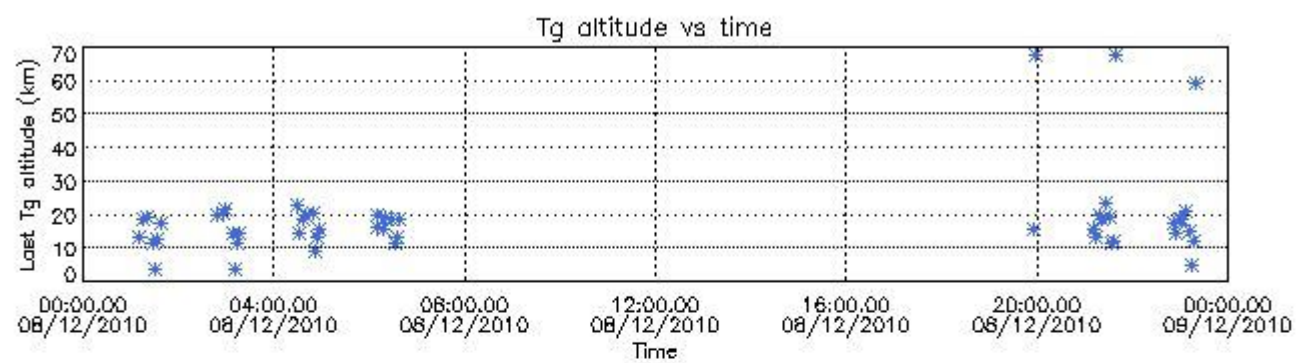
6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	18.589	19.282	NaN
St. deviation:	12.668	7.0914	NaN
Maximum:	67.892	44.247	NaN
Minimum:	3.4640	3.5798	NaN
Number of data:	50.000	86.000	NaN

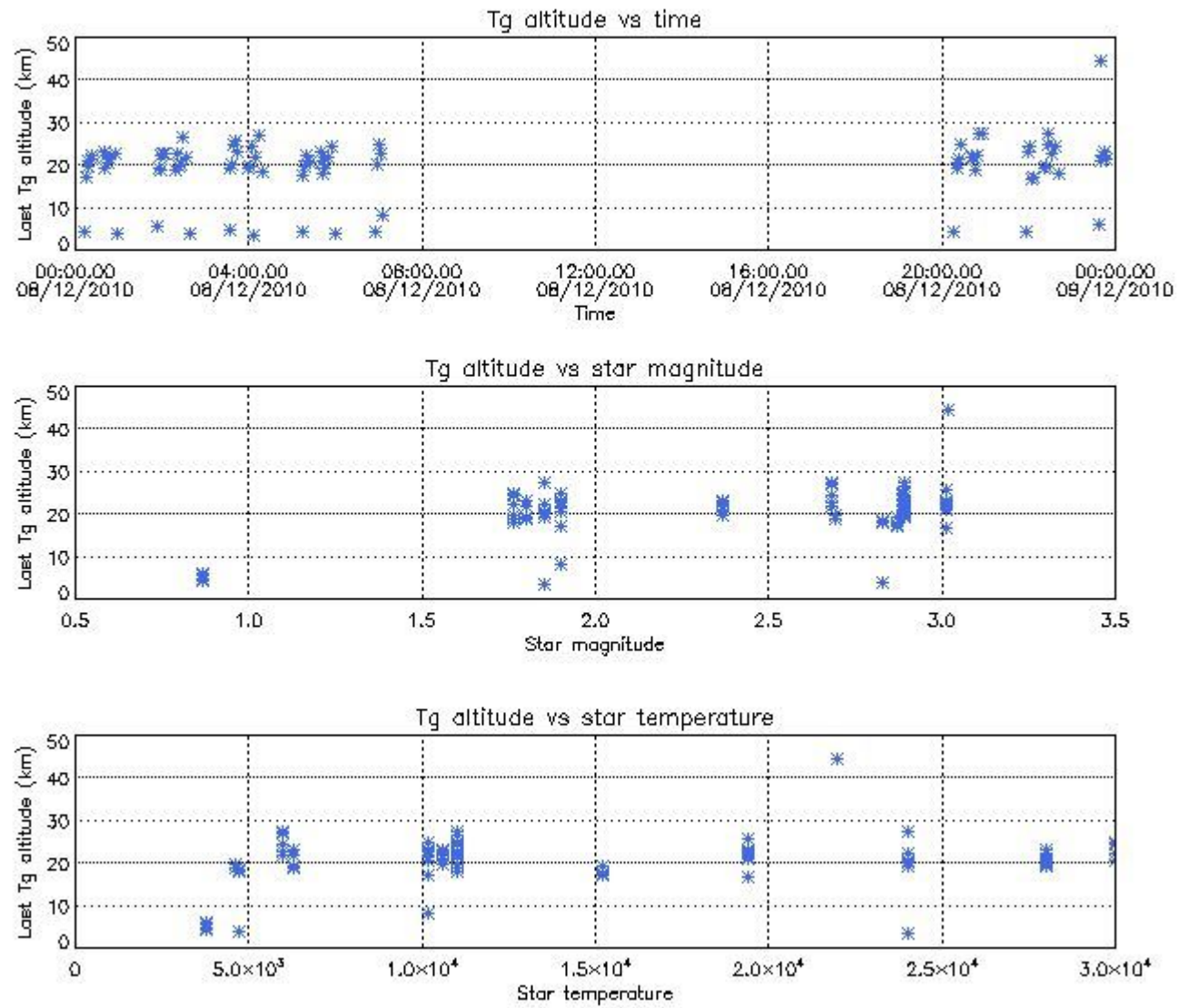
6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

Tangent altitude at which the star is lost

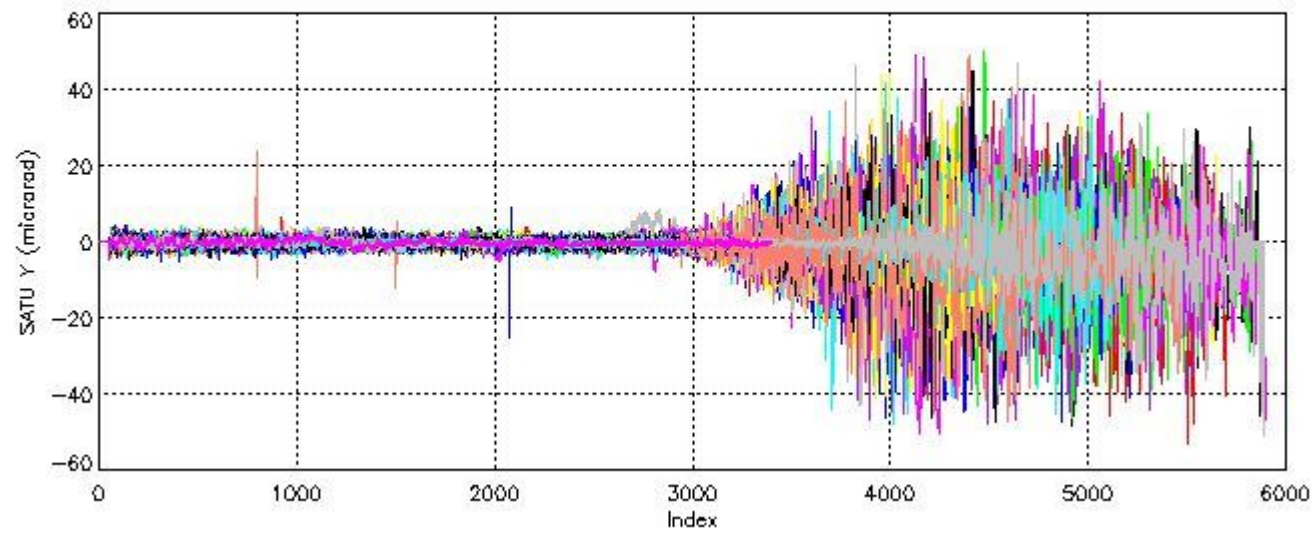
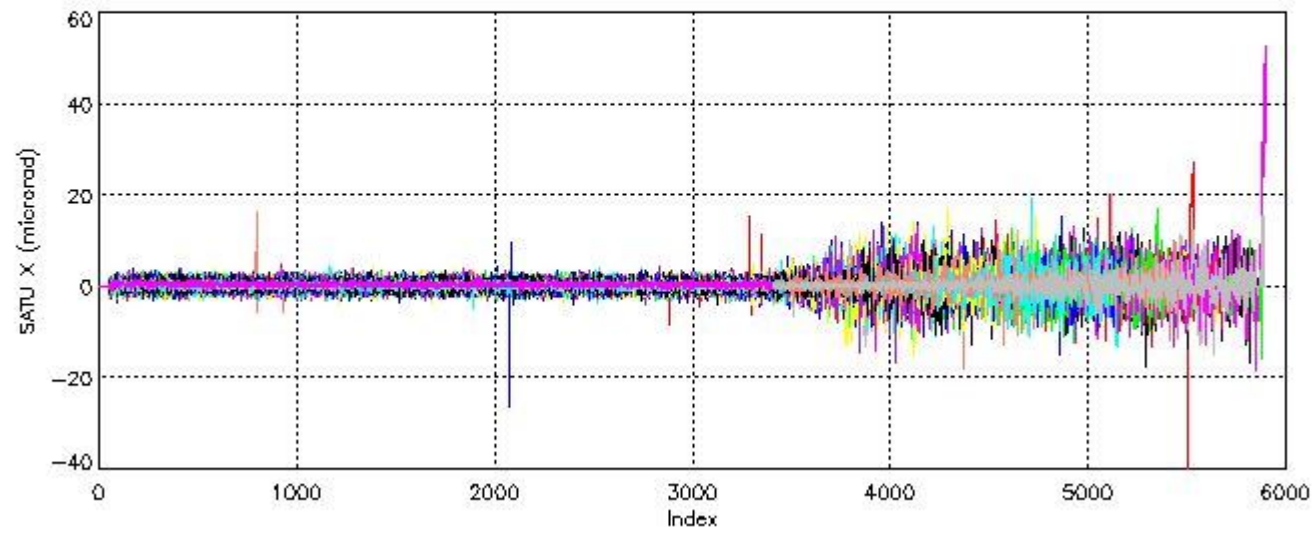


7. Star Acquisition and Tracking Unit (SATU)

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:	0.22654	-0.29284	0.15077	-0.27664
St. deviation:	0.60391	0.85662	0.98010	1.1551
Maximum:	16.100	23.900	6.8000	7.6000
Minimum:	-5.8000	-9.5000	-6.5000	-8.3000

Number of data:	56150.	56150.	83800.	83800.
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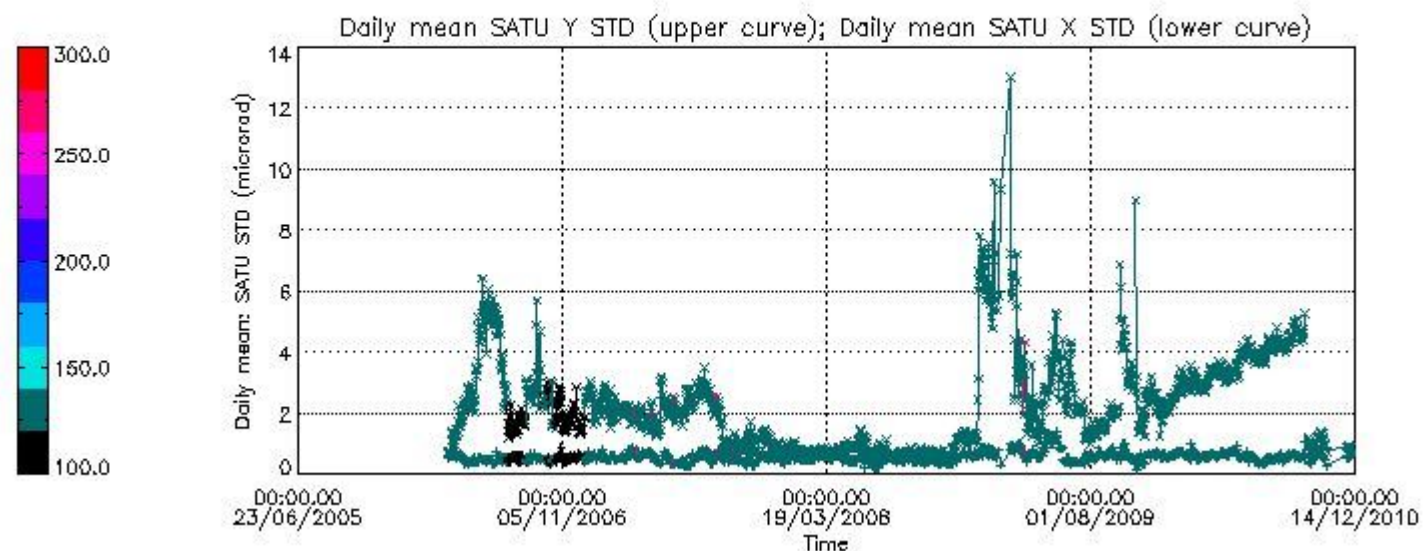
7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

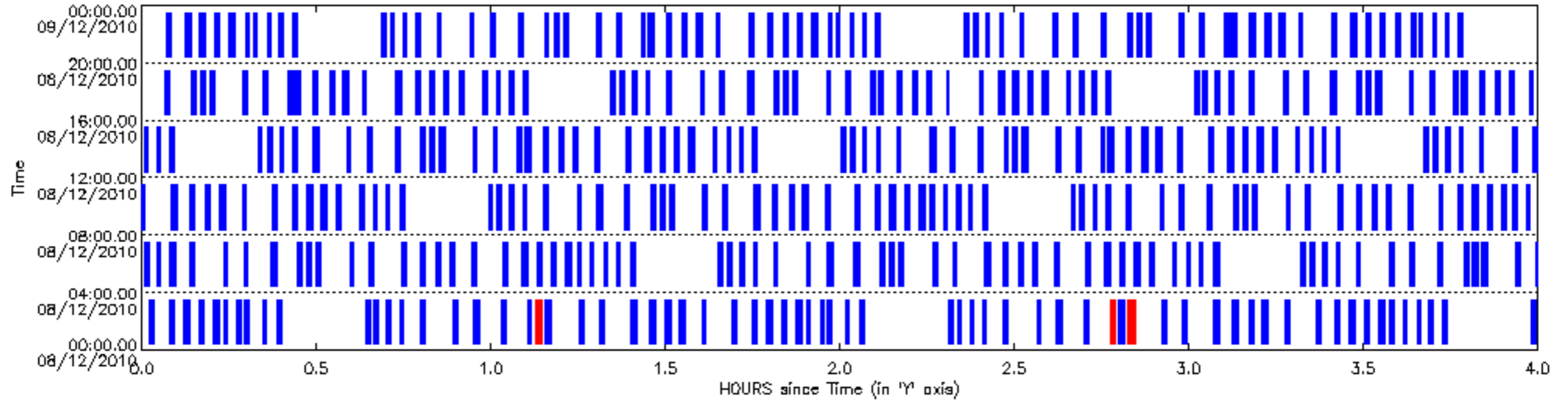
Lower curve: STD of SATU X axis

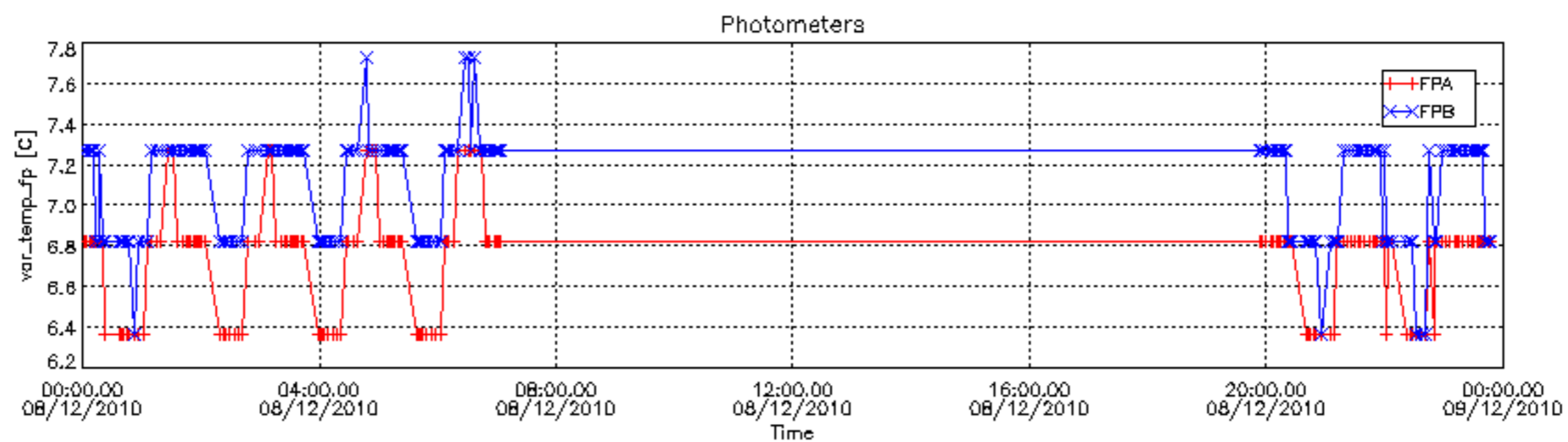
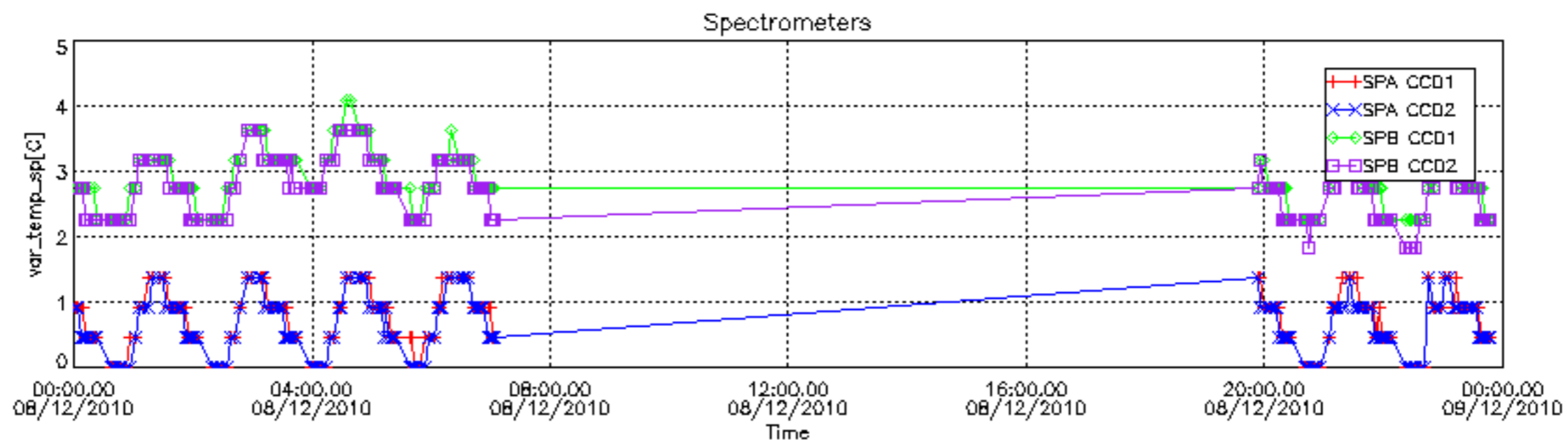


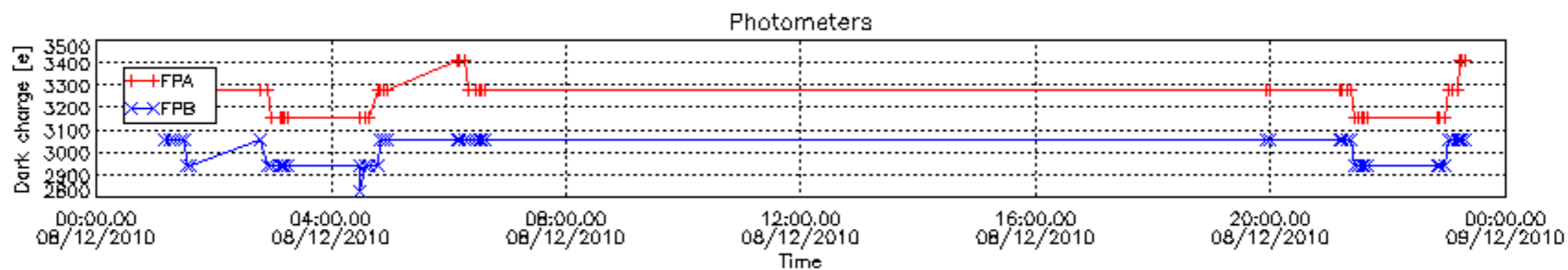
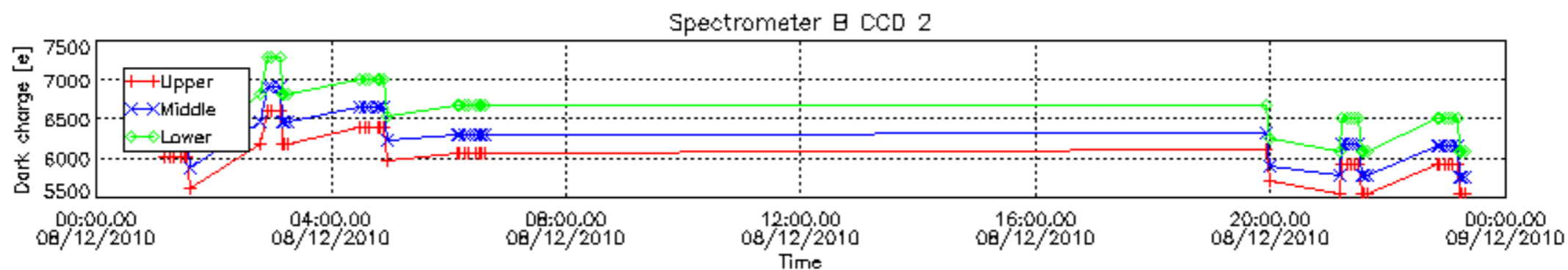
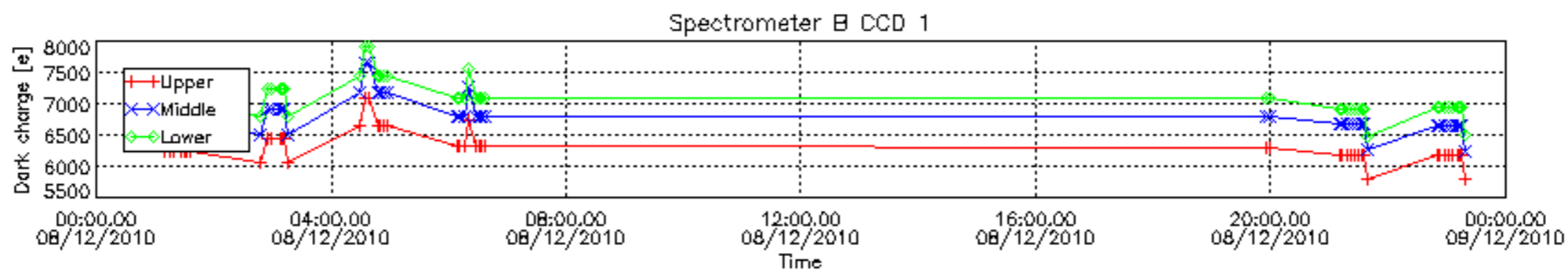
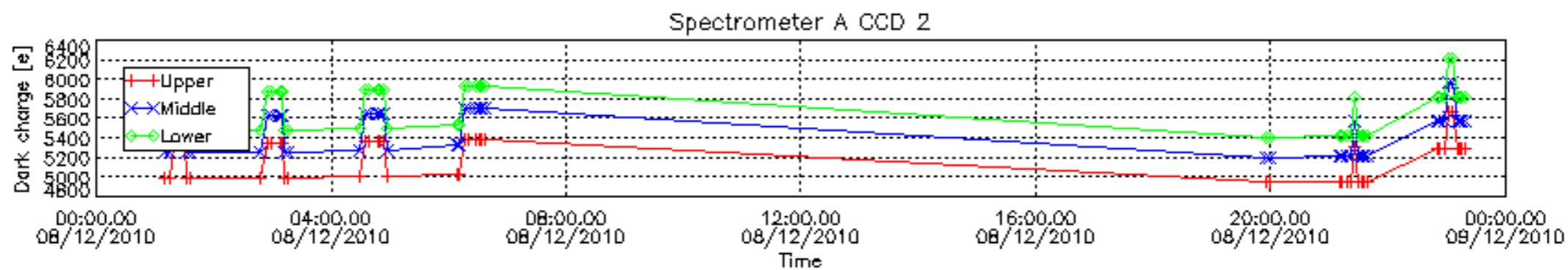
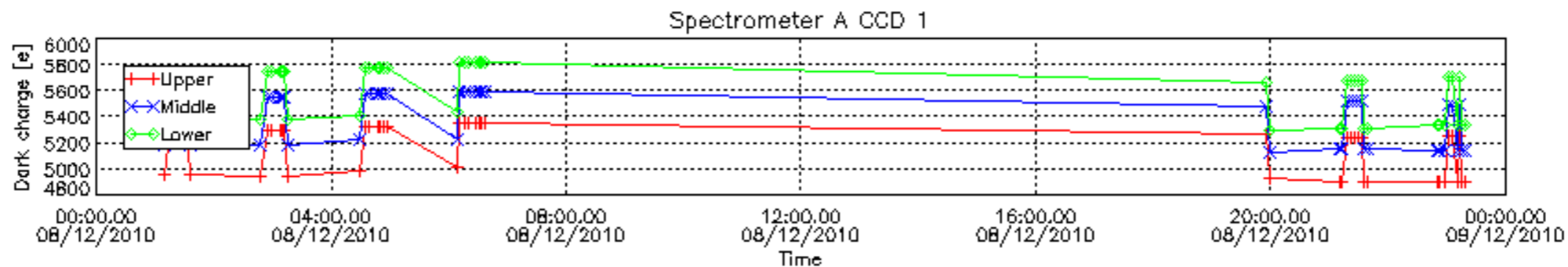
8. Auxiliary Data Files used for the production reported in section 2.4

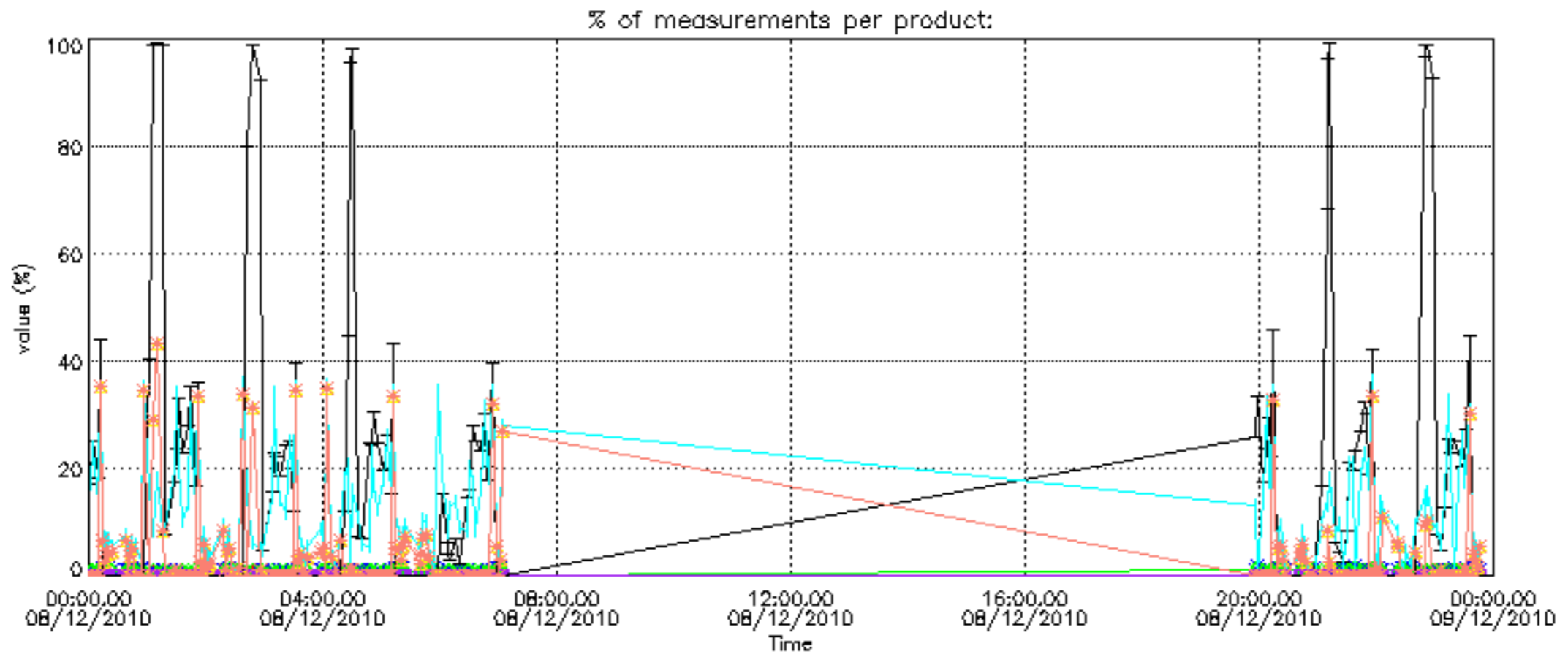
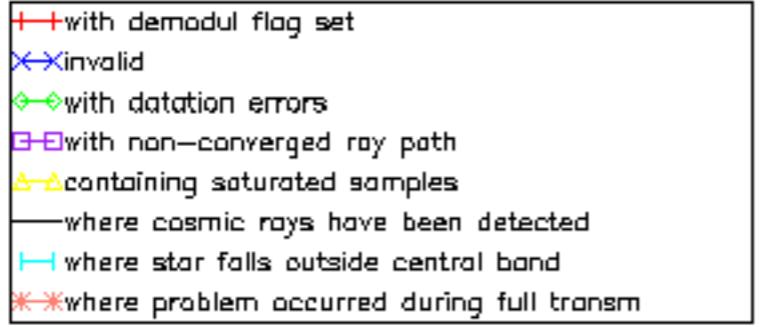
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-DEC-2010 00:01:18
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20101201_093519_20101129_000000_20500101_000000	1	08-DEC-2010 00:01:18
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	08-DEC-2010 00:01:18
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	08-DEC-2010 00:01:18
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	08-DEC-2010 00:01:18
ECMWF_FILE	AUX_ECF_AXNECM20101207_054115_20101207_210000_20101208_090000	1	08-DEC-2010 00:01:18
ECMWF_FILE	AUX_ECF_AXNECM20101207_174115_20101208_030000_20101208_150000	62	08-DEC-2010 03:58:50
ECMWF_FILE	AUX_ECA_AXNECM20101208_054113_20101207_210000_20101208_090000	89	08-DEC-2010 05:39:03
ECMWF_FILE	AUX_ECF_AXNECM20101208_054114_20101208_150000_20101209_030000	115	08-DEC-2010 19:52:41
ECMWF_FILE	AUX_ECF_AXNECM20101208_054114_20101208_210000_20101209_090000	162	08-DEC-2010 22:44:54
OPTIONAL_ECMWF_FILE	MISSING	1	08-DEC-2010 00:01:18
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101207_232114_000057383097_00159_45863_2077.N1	1	08-DEC-2010 00:01:18
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101208_010211_000098823097_00160_45864_2078.N1	19	08-DEC-2010 01:06:16
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101208_035212_000057383097_00162_45866_2079.N1	62	08-DEC-2010 03:58:50
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101208_053309_000057383097_00163_45867_2081.N1	89	08-DEC-2010 05:39:03
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101208_194835_000038253097_00172_45876_2083.N1	115	08-DEC-2010 19:52:41
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101208_205739_000060573097_00172_45876_2084.N1	134	08-DEC-2010 21:04:39
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20101208_224355_000057383097_00173_45877_2085.N1	162	08-DEC-2010 22:44:54

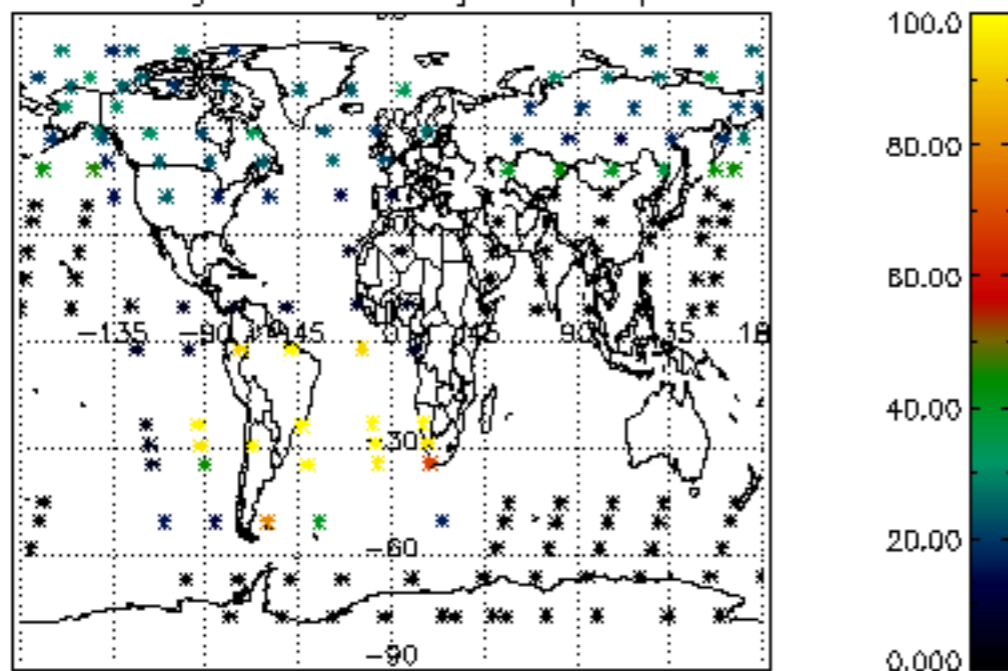




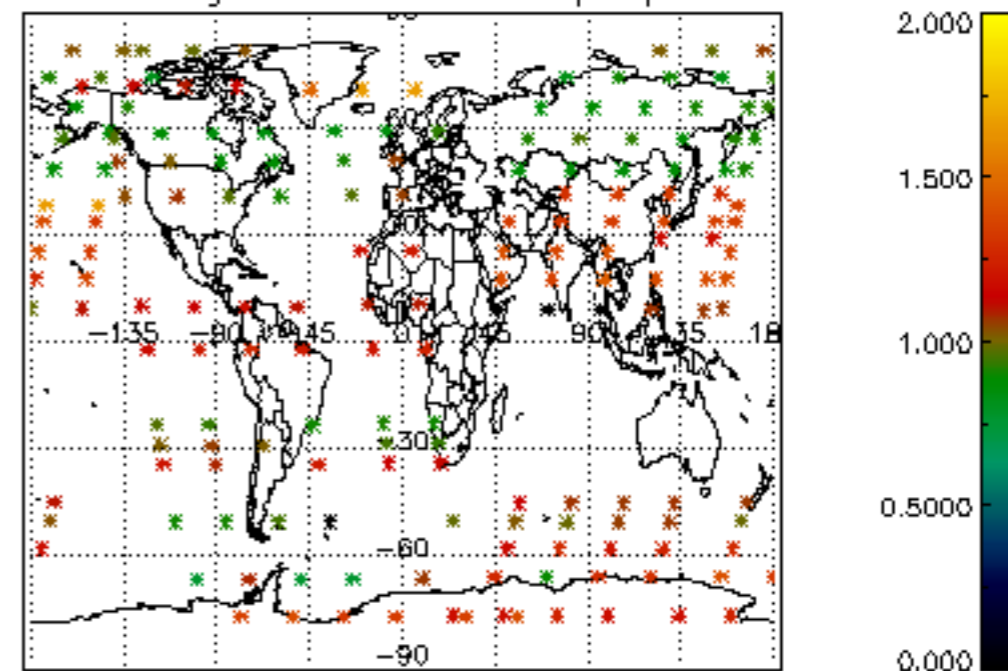




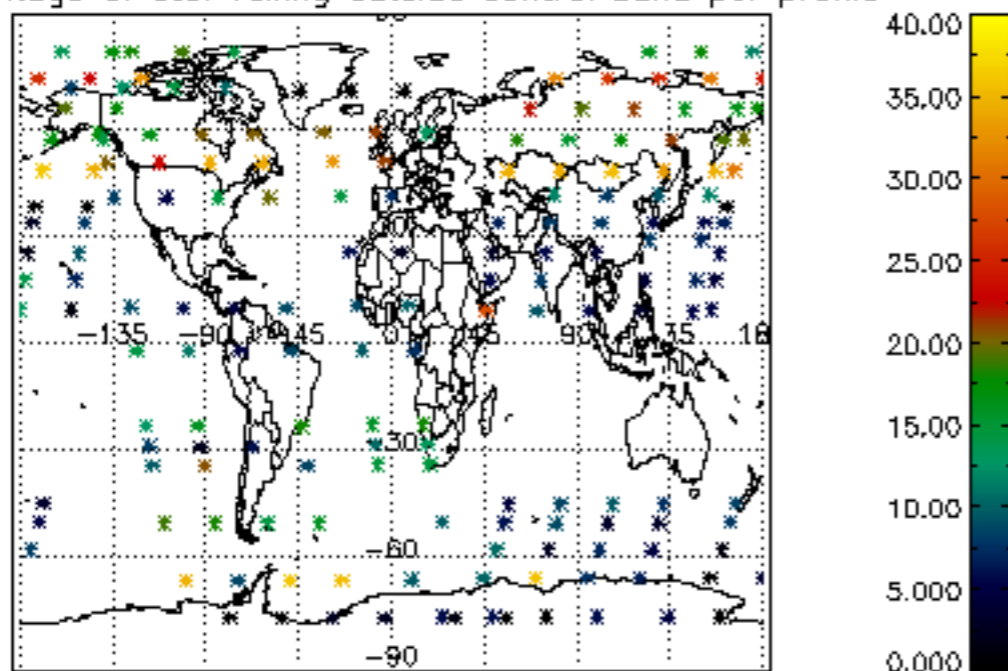
Percentage of cosmic ray hits per profile



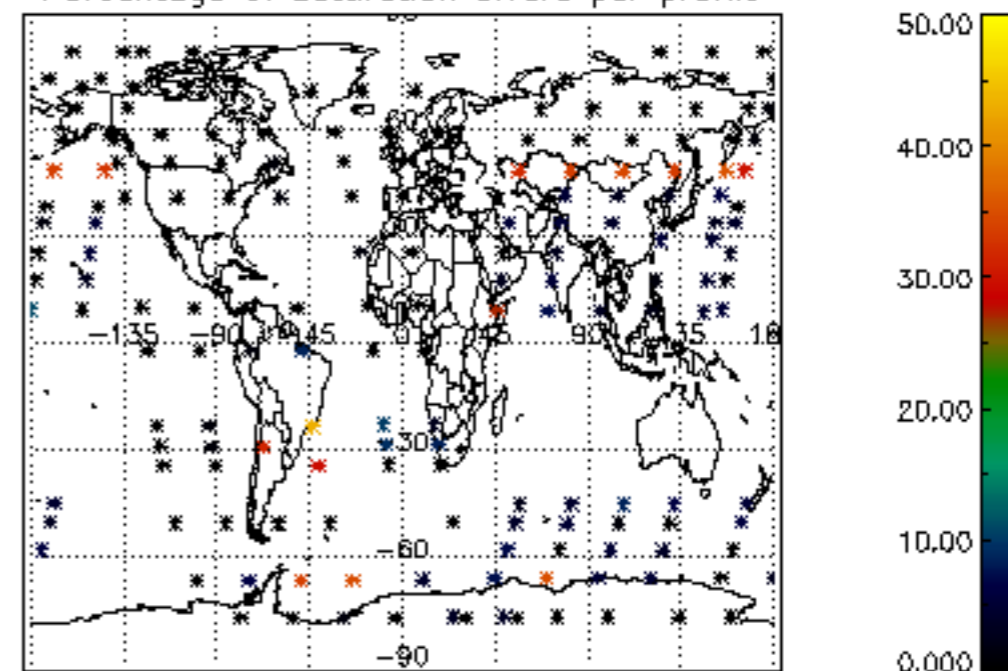
Percentage of datation errors per profile



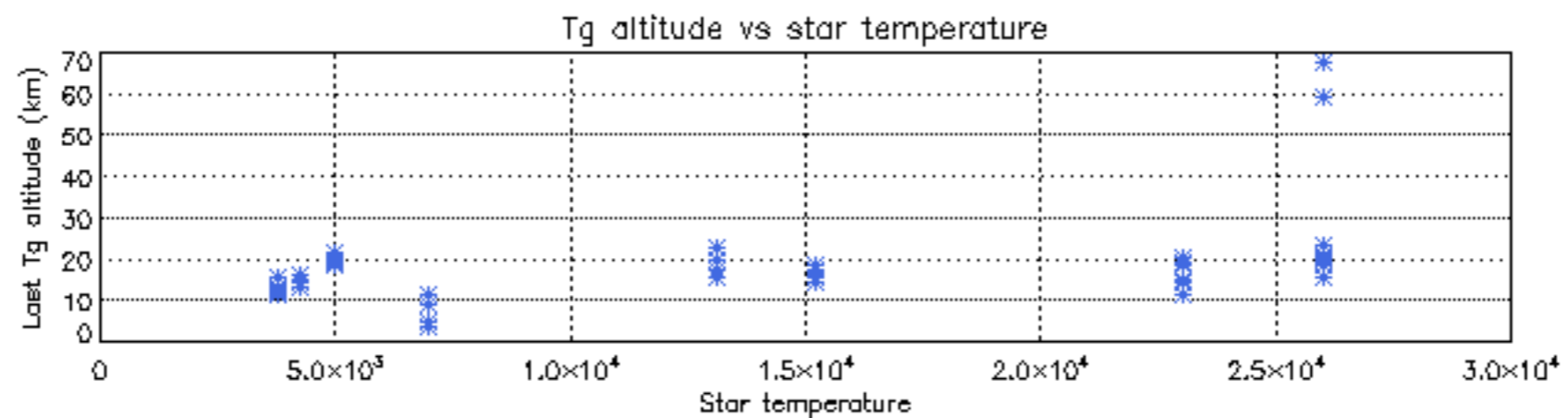
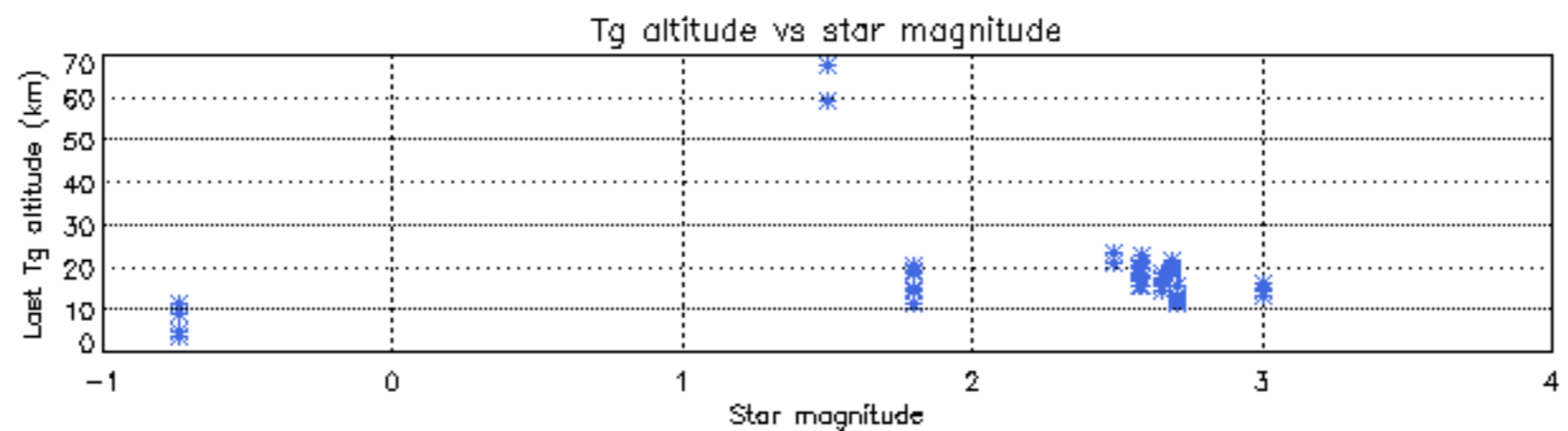
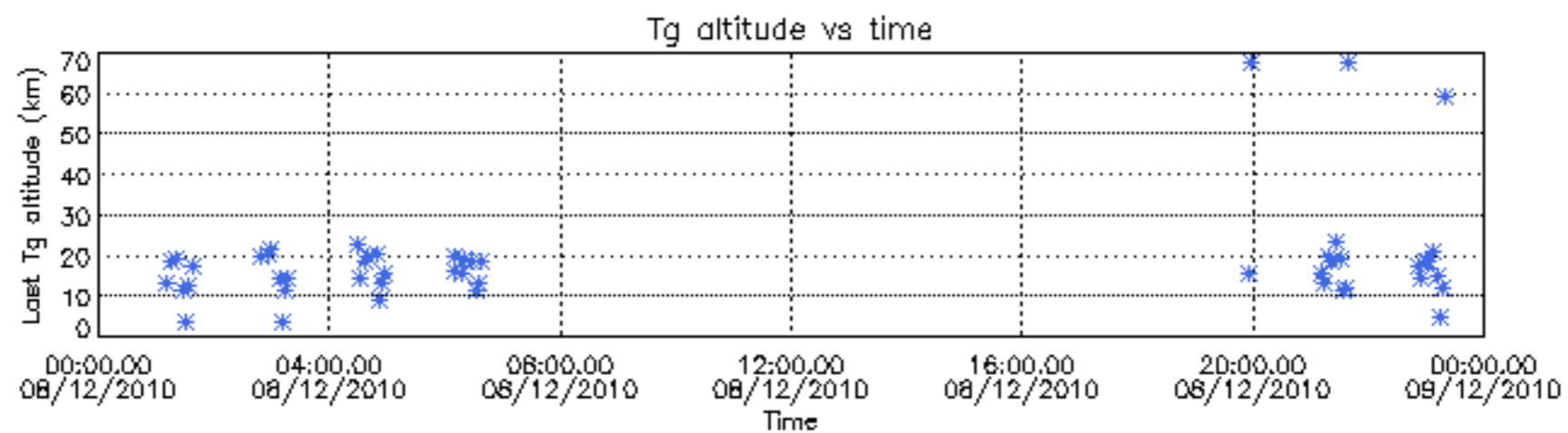
Percentage of star falling outside central band per profile



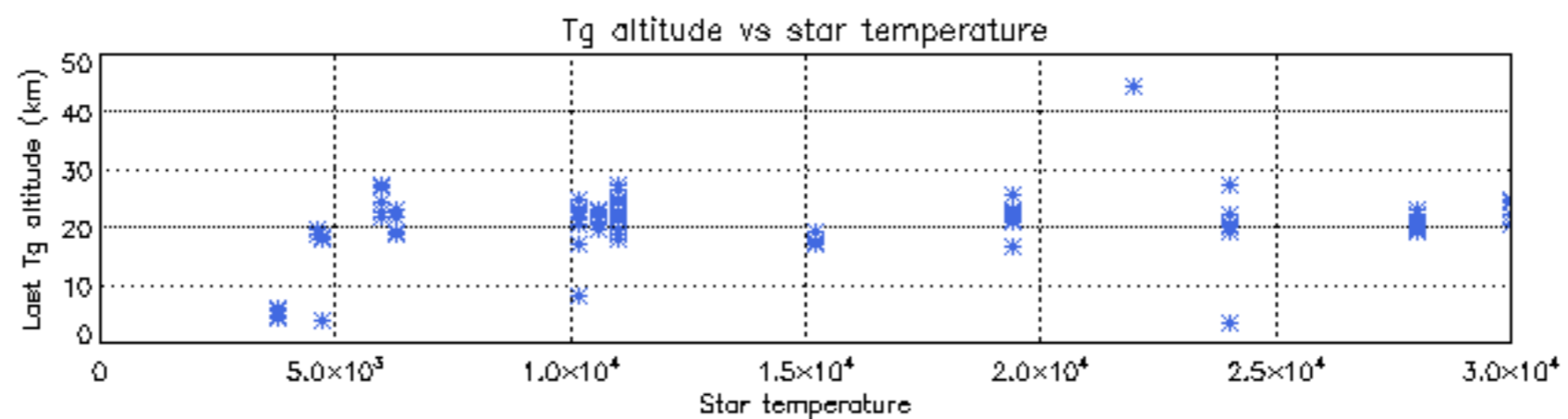
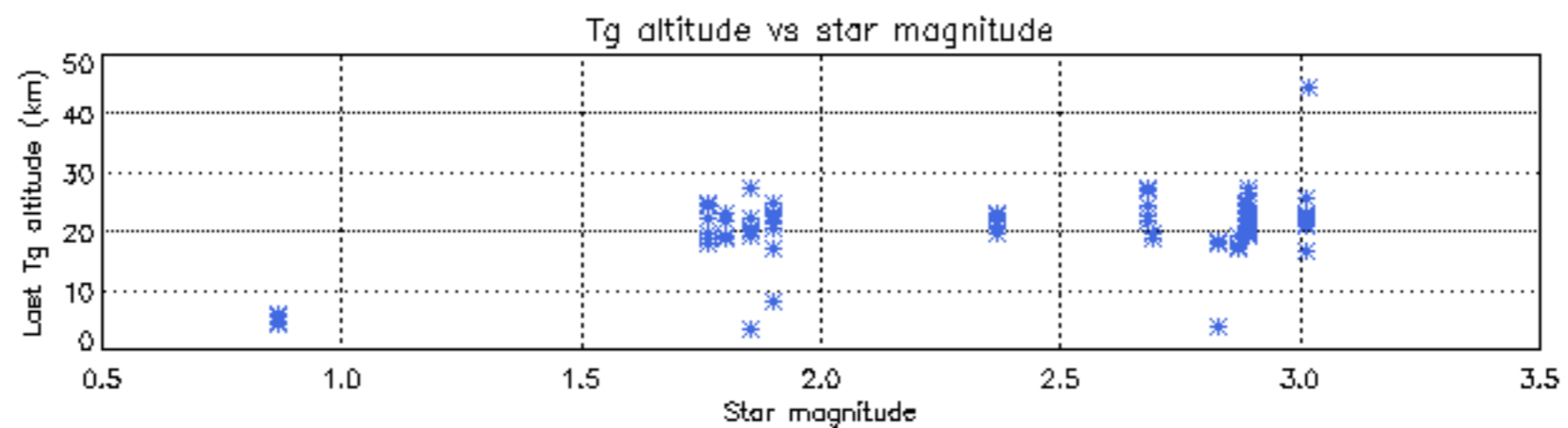
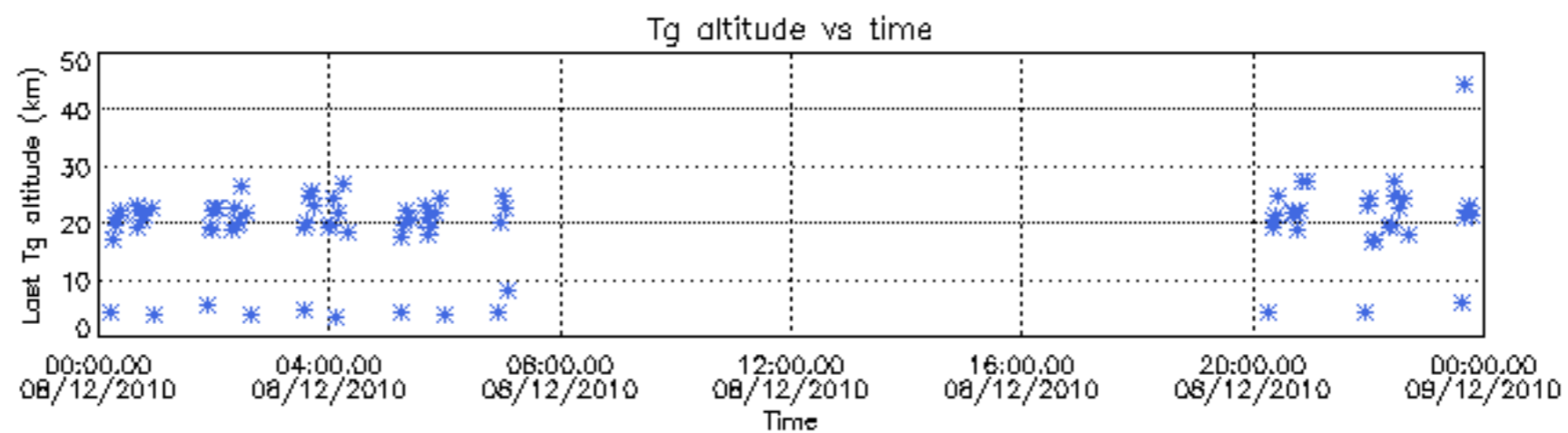
Percentage of saturation errors per profile

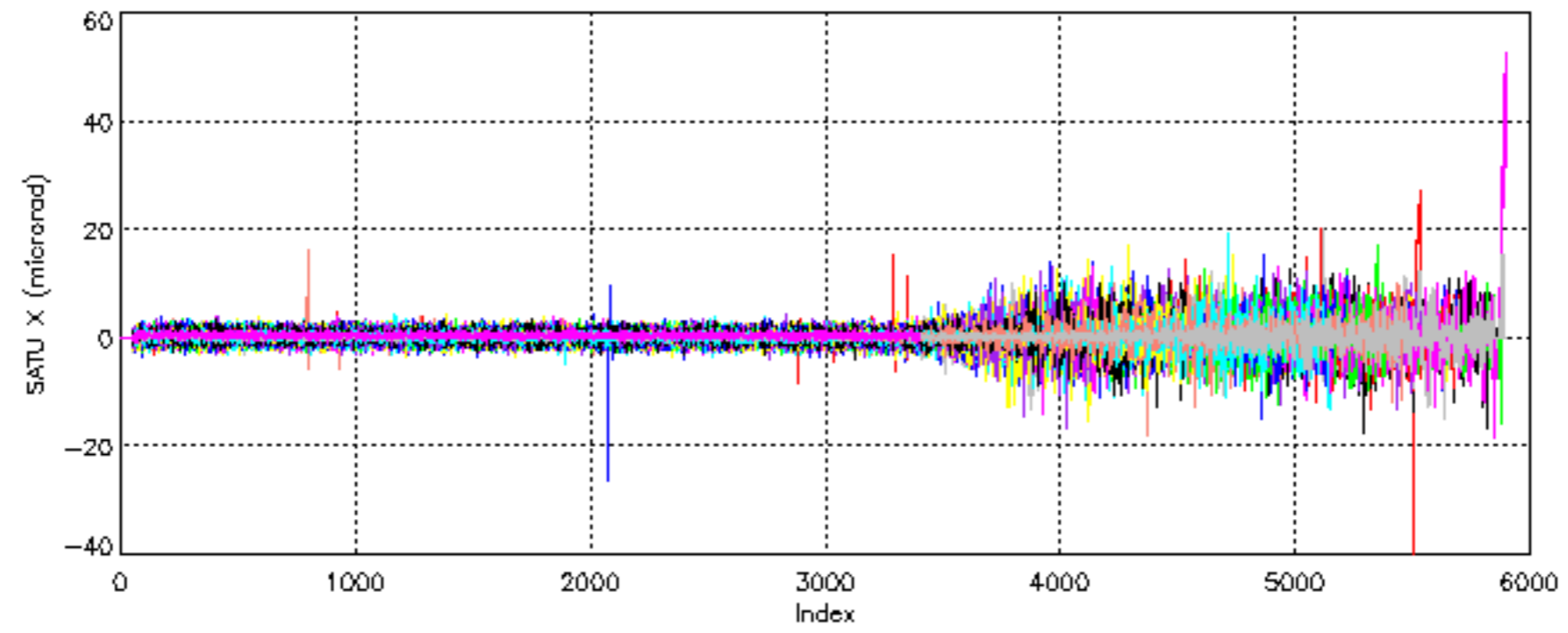


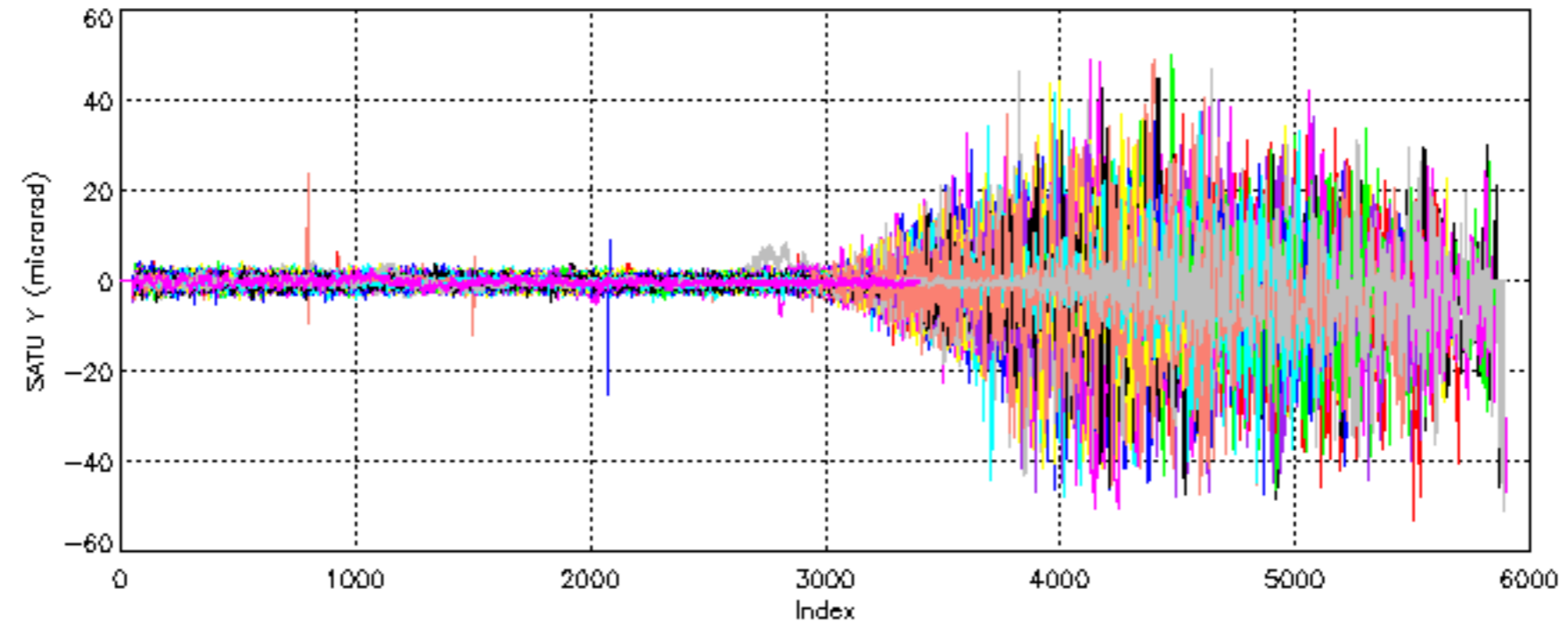
Tangent altitude at which the star is lost

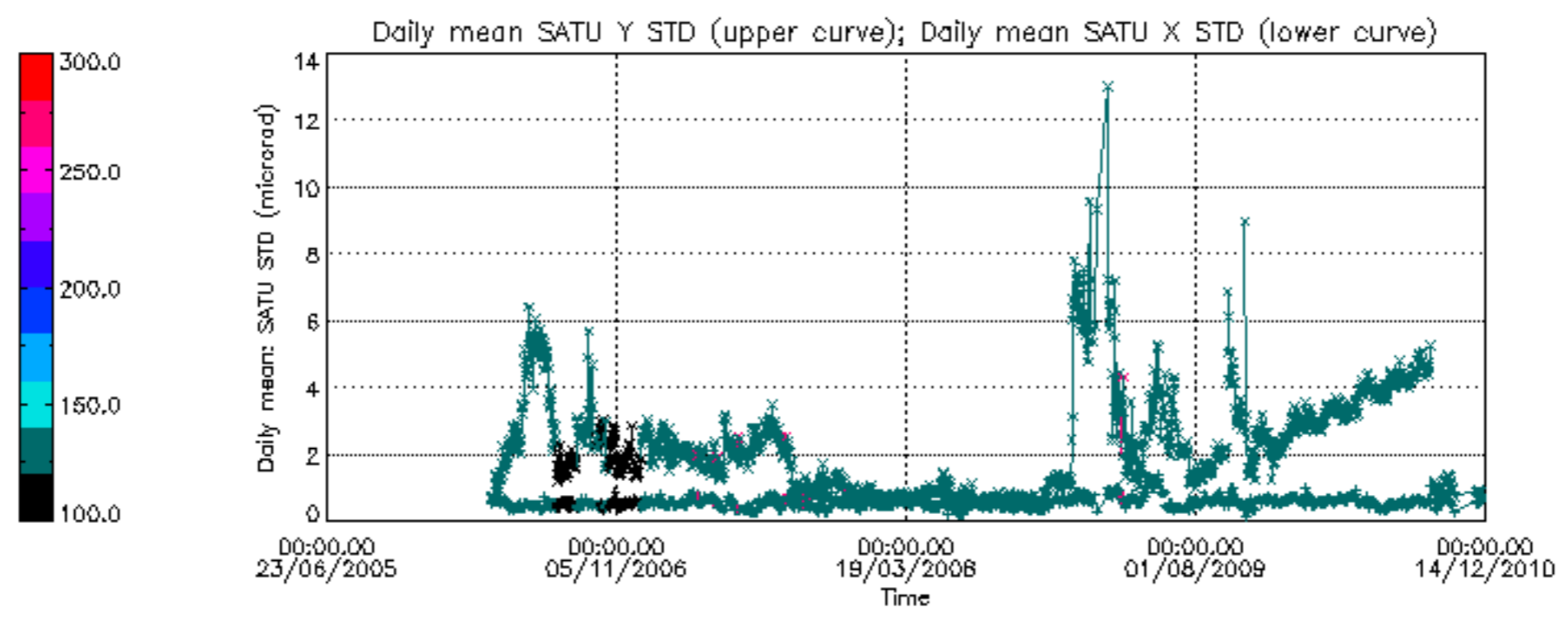


Tangent altitude at which the star is lost









/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20101201_002235_000056993097_00059_45763_1795.N1

1; -581.2; 01-DEC-2010 00:22:35; Dark ; 49.0; 100; 4Gam Crv ; 2.58; 13100;occ; 98; 0;45763
2; -485.7; 01-DEC-2010 00:24:11; Dark ; 52.5; 171; 2Eps Crv ; 3.00; 4250;occ; 105; 0;45763
3; 80.8; 01-DEC-2010 00:33:37; Dark ; 42.0; 113; Mu Vel ; 2.69; 5000;occ; 84; 0;45764
4; 404.8; 01-DEC-2010 00:39:01; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45764
5; 595.6; 01-DEC-2010 00:42:12; Dark ; 48.0; 34; Gam2Vel ; 1.79; 23000;occ; 96; 0;45764
6; 797.9; 01-DEC-2010 00:45:35; Dark ; 49.0; 2; Alp Car ; -0.74; 7000;occ; 98; 0;45764
7; 907.6; 01-DEC-2010 00:47:24; Dark ; 59.5; 117; Pi Pup ; 2.71; 3800;occ; 119; 0;45764
8; 1181.6; 01-DEC-2010 00:51:58; Dark ; 47.0; 108; Alp Col ; 2.65; 15200;occ; 94; 0;45764
9; 1523.2; 01-DEC-2010 00:57:40; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;45764
10; 1739.4; 01-DEC-2010 01:01:16; Dark ; 68.5; 7; 19Bet Ori ; 0.10; 14000;occ; 137; 0;45764
11; 2218.1; 01-DEC-2010 01:09:15; Bright; 55.0; 13; 87Alp Tau ; 0.87; 3800;occ; 110; 0;45764
12; 2314.7; 01-DEC-2010 01:10:51; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 0;45764
13; 2456.2; 01-DEC-2010 01:13:13; Bright; 36.5; 150; 44Zet Per ; 2.89; 28000;occ; 73; 0;45764
14; 2601.4; 01-DEC-2010 01:15:38; Bright; 37.0; 149; 45Eps Per ; 2.89; 30000;occ; 74; 0;45764
15; 2722.5; 01-DEC-2010 01:17:39; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45764
16; 2831.7; 01-DEC-2010 01:19:28; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;45764
17; 2940.4; 01-DEC-2010 01:21:17; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;45764
18; 3801.3; 01-DEC-2010 01:35:38; Bright; 45.0; 36; 50Alp UMa ; 1.80; 6300;occ; 90; 0;45764
19; 3896.8; 01-DEC-2010 01:37:13; Bright; 68.0; 82; 48Bet UMa ; 2.37; 10600;occ; 136; 0;45764
20; 3994.3; 01-DEC-2010 01:38:51; Bright; 38.0; 32; 77Eps UMa ; 1.76; 11000;occ; 76; 0;45764
21; 4165.0; 01-DEC-2010 01:41:42; Bright; 52.0; 174; 52Psi UMa ; 3.00; 4400;occ; 104; 0;45764
22; 4326.2; 01-DEC-2010 01:44:23; Bright; 39.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 78; 0;45764
23; 4896.6; 01-DEC-2010 01:53:53; Bright; 56.5; 62; 94Bet Leo ; 2.14; 9700;occ; 113; 0;45764
24; 5095.3; 01-DEC-2010 01:57:12; Bright; 23.5; 121; 29Gam Vir ; 2.74; 7200;occ; 47; 0;45764

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20101201_015712_000038993097_00060_45764_1796.N1

1; -918.7; 01-DEC-2010 01:57:12; Bright; 62.0; 121; 29Gam Vir ; 2.74; 7200;occ; 124; 0;45764
2; 81.8; 01-DEC-2010 02:13:52; Dark ; 45.5; 113; Mu Vel ; 2.69; 5000;occ; 91; 0;45765
3; 405.6; 01-DEC-2010 02:19:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45765
4; 596.6; 01-DEC-2010 02:22:27; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45765
5; 798.6; 01-DEC-2010 02:25:49; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 0;45765
6; 908.6; 01-DEC-2010 02:27:39; Dark ; 64.0; 117; Pi Pup ; 2.71; 3800;occ; 128; 0;45765
7; 1182.1; 01-DEC-2010 02:32:13; Dark ; 47.0; 108; Alp Col ; 2.65; 15200;occ; 94; 0;45765
8; 1523.4; 01-DEC-2010 02:37:54; Dark ; 55.0; 101; 11Alp Lep ; 2.58; 7000;occ; 110; 0;45765
9; 1739.4; 01-DEC-2010 02:41:30; Dark ; 59.0; 7; 19Bet Ori ; 0.10; 14000;occ; 118; 0;45765
10; 2217.8; 01-DEC-2010 02:49:28; Bright; 59.0; 13; 87Alp Tau ; 0.87; 3800;occ; 118; 0;45765
11; 2314.7; 01-DEC-2010 02:51:05; Bright; 39.5; 146; 25Eta Tau ; 2.87; 15200;occ; 79; 0;45765
12; 2456.0; 01-DEC-2010 02:53:27; Bright; 39.5; 150; 44Zet Per ; 2.89; 28000;occ; 79; 0;45765
13; 2601.2; 01-DEC-2010 02:55:52; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;45765
14; 2722.2; 01-DEC-2010 02:57:53; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45765
15; 2831.1; 01-DEC-2010 02:59:42; Bright; 53.5; 6; 13Alp Aur ; 0.08; 3400;occ; 107; 0;45765
16; 2939.5; 01-DEC-2010 03:01:30; Bright; 41.5; 42; 34Bet Aur ; 1.90; 10200;occ; 83; 0;45765

/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20101201_031552_000051983097_00061_45765_1797.N1

1; -2213.0; 01-DEC-2010 03:15:52; Bright; 45.5; 36; 50Alp UMa ; 1.80; 6300;occ; 91; 0;45765
2; -2117.5; 01-DEC-2010 03:17:27; Bright; 48.0; 82; 48Bet UMa ; 2.37; 10600;occ; 96; 0;45765
3; -2019.8; 01-DEC-2010 03:19:05; Bright; 41.5; 32; 77Eps UMa ; 1.76; 11000;occ; 83; 0;45765
4; -1849.2; 01-DEC-2010 03:21:55; Bright; 67.0; 174; 52Psi UMa ; 3.00; 4400;occ; 134; 0;45765
5; -1687.8; 01-DEC-2010 03:24:37; Bright; 40.0; 152; 12Alp2CVn ; 2.89; 11000;occ; 80; 0;45765
6; -1116.8; 01-DEC-2010 03:34:08; Bright; 58.0; 62; 94Bet Leo ; 2.14; 9700;occ; 116; 0;45765
7; -918.1; 01-DEC-2010 03:37:27; Bright; 45.0; 121; 29Gam Vir ; 2.74; 7200;occ; 90; 0;45765
8; -579.5; 01-DEC-2010 03:43:05; Dark ; 44.0; 100; 4Gam Crv ; 2.58; 13100;occ; 88; 0;45765
9; -484.1; 01-DEC-2010 03:44:41; Dark ; 47.0; 171; 2Eps Crv ; 3.00; 4250;occ; 94; 0;45765
10; 82.7; 01-DEC-2010 03:54:07; Dark ; 42.5; 113; Mu Vel ; 2.69; 5000;occ; 85; 0;45766
11; 406.4; 01-DEC-2010 03:59:31; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45766
12; 597.5; 01-DEC-2010 04:02:42; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45766
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 7; 2596.9; 02-DEC-2010 09:00:00; Bright; 38.0; 149; 45Eps Per ; 2.89; 30000;occ; 76; 0;45783
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 10; 2922.8; 02-DEC-2010 09:05:26; Bright; 50.0; 42; 34Bet Aur ; 1.90; 10200;occ; 100; 0;45783
 11; 3794.6; 02-DEC-2010 09:19:58; Bright; 45.5; 36; 50Alp UMa ; 1.80; 6300;occ; 91; 0;45783
 12; 3889.7; 02-DEC-2010 09:21:33; Bright; 47.5; 82; 48Bet UMa ; 2.37; 10600;occ; 95; 0;45783
 13; 3992.7; 02-DEC-2010 09:23:16; Bright; 40.5; 32; 77Eps UMa ; 1.76; 11000;occ; 81; 0;45783
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 15; 4910.2; 02-DEC-2010 09:38:34; Bright; 33.0; 62; 94Bet Leo ; 2.14; 9700;occ; 66; 0;45783
 16; 5106.8; 02-DEC-2010 09:41:50; Bright; 43.5; 121; 29Gam Vir ; 2.74; 7200;occ; 87; 0;45783
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 4; 2211.9; 02-DEC-2010 10:33:49; Dark ; 54.5; 13; 87Alp Tau ; 0.87; 3800;occ; 109; 0;45784
 5; 2312.0; 02-DEC-2010 10:35:29; Bright; 38.5; 146; 25Eta Tau ; 2.87; 15200;occ; 77; 0;45784
 6; 2452.4; 02-DEC-2010 10:37:50; Bright; 39.0; 150; 44Zet Per ; 2.89; 28000;occ; 78; 0;45784
 7; 2596.7; 02-DEC-2010 10:40:14; Bright; 37.5; 149; 45Eps Per ; 2.89; 30000;occ; 75; 0;45784
 8; 2719.1; 02-DEC-2010 10:42:16; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45784
 9; 2819.2; 02-DEC-2010 10:43:57; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;45784
 10; 2921.8; 02-DEC-2010 10:45:39; Bright; 47.5; 42; 34Bet Aur ; 1.90; 10200;occ; 95; 0;45784
 11; 3794.2; 02-DEC-2010 11:00:12; Bright; 44.5; 36; 50Alp UMa ; 1.80; 6300;occ; 89; 0;45784
 12; 3889.2; 02-DEC-2010 11:01:47; Bright; 47.0; 82; 48Bet UMa ; 2.37; 10600;occ; 94; 0;45784
 13; 3992.5; 02-DEC-2010 11:03:30; Bright; 41.0; 32; 77Eps UMa ; 1.76; 11000;occ; 82; 0;45784
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 23; 6939.3; 02-DEC-2010 11:52:37; Dark ; 62.5; 117; Pi Pup ; 2.71; 3800;occ; 125; 0;45785
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4; 2071.4; 02-DEC-2010 13:51:57; Dark ; 59.5; 27; 24Gam Ori ; 1.64; 26000;occ; 119; 0;45786
5; 2211.5; 02-DEC-2010 13:54:17; Dark ; 62.0; 13; 87Alp Tau ; 0.87; 3800;occ; 124; 0;45786
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7; 2452.2; 02-DEC-2010 13:58:17; Bright; 38.0; 150; 44Zet Per ; 2.89; 28000;occ; 76; 0;45786
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18; 5451.8; 02-DEC-2010 14:48:17; Dark ; 48.0; 100; 4Gam Crv ; 2.58; 13100;occ; 96; 0;45786
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23; 6823.9; 02-DEC-2010 15:11:09; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 0;45787
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4; 2070.7; 02-DEC-2010 15:32:10; Dark ; 58.5; 27; 24Gam Ori ; 1.64; 26000;occ; 117; 0;45787
5; 2210.9; 02-DEC-2010 15:34:30; Dark ; 53.0; 13; 87Alp Tau ; 0.87; 3800;occ; 106; 0;45787
6; 2311.7; 02-DEC-2010 15:36:11; Bright; 39.0; 146; 25Eta Tau ; 2.87; 15200;occ; 78; 0;45787
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9; 2718.5; 02-DEC-2010 15:42:58; Bright; 36.0; 175; 39Del Per ; 3.01; 19400;occ; 72; 0;45787
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13; 3888.1; 02-DEC-2010 16:02:27; Bright; 47.5; 82; 48Bet UMa ; 2.37; 10600;occ; 95; 0;45787
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 24; 6941.8; 02-DEC-2010 16:53:21; Dark ; 60.5; 117; Pi Pup ; 2.71; 3800;occ; 121; 0;45788
 25; 7205.8; 02-DEC-2010 16:57:45; Dark ; 44.0; 108; Alp Col ; 2.65; 15200;occ; 88; 0;45788

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 6; 2311.4; 02-DEC-2010 17:16:25; Bright; 39.0; 146; 25Eta Tau ; 2.87; 15200;occ; 78; 0;45788
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 8; 2451.3; 02-DEC-2010 18:58:59; Bright; 39.0; 150; 44Zet Per ; 2.89; 28000;occ; 78; 0;45789
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 22; 6463.9; 04-DEC-2010 18:52:24; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;45818
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5; 2203.2; 05-DEC-2010 02:02:34; Dark ; 38.5; 13; 87Alp Tau ; 0.87; 3800;occ; 77; 21;45822
6; 2315.8; 05-DEC-2010 02:04:26; Bright; 37.5; 146; 25Eta Tau ; 2.87; 15200;occ; 75; 24;45822
7; 2445.6; 05-DEC-2010 02:06:36; Bright; 20.0; 150; 44Zet Per ; 2.89; 28000;occ; 40; 0;45822
8; 2553.5; 05-DEC-2010 02:08:24; Bright; 45.0; 114; 3Iot Aur ; 2.69; 4600;occ; 90; 47;45822
9; 2713.3; 05-DEC-2010 02:11:04; Bright; 44.5; 175; 39Del Per ; 3.01; 19400;occ; 89; 49;45822
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11; 3878.5; 05-DEC-2010 02:30:29; Bright; 43.5; 82; 48Bet UMa ; 2.37; 10600;occ; 87; 27;45822
12; 3996.3; 05-DEC-2010 02:32:27; Bright; 41.5; 32; 77Eps UMa ; 1.76; 11000;occ; 83; 23;45822
13; 4120.1; 05-DEC-2010 02:34:30; Bright; 48.5; 39; 85Eta UMa ; 1.85; 24000;occ; 97; 50;45822
14; 4345.1; 05-DEC-2010 02:38:16; Bright; 41.5; 152; 12Alp2CVn ; 2.89; 11000;occ; 83; 59;45822
15; 4694.6; 05-DEC-2010 02:44:05; Bright; 36.0; 111; 8Eta Boo ; 2.68; 6000;occ; 72; 59;45822
16; 4862.1; 05-DEC-2010 02:46:52; Bright; 23.5; 138; 47Eps Vir ; 2.83; 4700;occ; 47; 17;45822
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26; 8214.9; 05-DEC-2010 03:42:45; Dark ; 59.5; 13; 87Alp Tau ; 0.87; 3800;occ; 119; 39;45823
27; 8321.8; 05-DEC-2010 03:44:32; Bright; 24.0; 146; 25Eta Tau ; 2.87; 15200;occ; 48; 0;45823
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 8; 2306.2; 06-DEC-2010 21:30:22; Bright; 38.0; 146; 25Eta Tau ; 2.87; 15200;occ; 76; 0;45848

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 7; -1146.9; 06-DEC-2010 07:10:56; Bright; 45.0; 138; 47Eps Vir ; 2.83; 4700;occ; 90; 0;45839
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 8; 2711.1; 06-DEC-2010 08:15:14; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45840
 9; 2873.9; 06-DEC-2010 08:17:57; Bright; 32.0; 42; 34Bet Aur ; 1.90; 10200;occ; 64; 0;45840

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 13; 4120.3; 06-DEC-2010 08:38:43; Bright; 35.5; 39; 85Eta UMA ; 1.85; 24000;occ; 71; 0;45840
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 16; 4867.7; 06-DEC-2010 08:51:11; Bright; 45.0; 138; 47Eps Vir ; 2.83; 4700;occ; 90; 0;45840
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 19; 5432.3; 07-DEC-2010 13:24:34; Dark ; 45.0; 169; 46Gam Hya ; 2.99; 4700;occ; 90; 0;45857
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 21; 5613.4; 07-DEC-2010 13:27:35; Dark ; 54.5; 171; 2Eps Crv ; 3.00; 4250;occ; 109; 0;45857
 22; 5968.9; 07-DEC-2010 13:33:30; Dark ; 40.0; 99; Del Cen ; 2.58; 26000;occ; 80; 0;45857
 23; 6171.3; 07-DEC-2010 13:36:53; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45858
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 25; 6689.7; 07-DEC-2010 13:45:31; Dark ; 51.5; 34; Gam2Vel ; 1.79; 23000;occ; 103; 0;45858
 26; 6858.3; 07-DEC-2010 13:48:20; Dark ; 48.5; 2; Alp Car ; -0.74; 7000;occ; 97; 0;45858
 27; 6995.0; 07-DEC-2010 13:50:36; Dark ; 54.5; 117; Pi Pup ; 2.71; 3800;occ; 109; 0;45858
 28; 7231.8; 07-DEC-2010 13:54:33; Dark ; 44.0; 108; Alp Col ; 2.65; 15200;occ; 88; 0;45858

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 9; 2709.2; 07-DEC-2010 14:19:25; Bright; 36.5; 175; 39Del Per ; 3.01; 19400;occ; 73; 0;45858
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 16; 4673.9; 07-DEC-2010 14:52:09; Bright; 37.5; 111; 8Eta Boo ; 2.68; 6000;occ; 75; 0;45858
 17; 4876.0; 07-DEC-2010 14:55:31; Bright; 64.0; 138; 47Eps Vir ; 2.83; 4700;occ; 128; 0;45858
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 23; 6172.2; 07-DEC-2010 15:17:08; Dark ; 45.0; 113; Mu Vel ; 2.69; 5000;occ; 90; 0;45859
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 25; 6690.5; 07-DEC-2010 15:25:46; Dark ; 48.5; 34; Gam2Vel ; 1.79; 23000;occ; 97; 0;45859
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 27; 6995.8; 07-DEC-2010 15:30:51; Dark ; 61.5; 117; Pi Pup ; 2.71; 3800;occ; 123; 0;45859
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2;	1735.8;	07-DEC-2010	15:43:25;	Dark	;	53.5;	7;	19Bet Ori	;	0.10;	14000;occ;	107;	0;	45859
3;	1891.2;	07-DEC-2010	15:46:01;	Dark	;	55.5;	30;	46Eps Ori	;	1.69;	30000;occ;	111;	0;	45859
4;	2042.4;	07-DEC-2010	15:48:32;	Dark	;	55.5;	27;	24Gam Ori	;	1.64;	26000;occ;	111;	0;	45859
5;	2192.9;	07-DEC-2010	15:51:02;	Dark	;	58.0;	13;	87Alp Tau	;	0.87;	3800;occ;	116;	0;	45859
6;	2305.6;	07-DEC-2010	15:52:55;	Bright;		37.5;	146;	25Eta Tau	;	2.87;	15200;occ;	75;	0;	45859
7;	2441.0;	07-DEC-2010	15:55:11;	Bright;		38.0;	150;	44Zet Per	;	2.89;	28000;occ;	76;	0;	45859
8;	2521.4;	07-DEC-2010	15:56:31;	Bright;		43.5;	114;	3Iot Aur	;	2.69;	4600;occ;	87;	0;	45859
9;	2708.8;	07-DEC-2010	15:59:38;	Bright;		36.5;	175;	39Del Per	;	3.01;	19400;occ;	73;	0;	45859
10;	2858.9;	07-DEC-2010	16:02:08;	Bright;		49.0;	42;	34Bet Aur	;	1.90;	10200;occ;	98;	0;	45859
11;	3765.0;	07-DEC-2010	16:17:15;	Bright;		66.0;	36;	50Alp UMa	;	1.80;	6300;occ;	132;	0;	45859
12;	3857.0;	07-DEC-2010	16:18:46;	Bright;		49.5;	82;	48Bet UMa	;	2.37;	10600;occ;	99;	0;	45859
13;	3983.6;	07-DEC-2010	16:20:53;	Bright;		41.5;	32;	77Eps UMa	;	1.76;	11000;occ;	83;	0;	45859
14;	4120.4;	07-DEC-2010	16:23:10;	Bright;		39.5;	39;	85Eta UMa	;	1.85;	24000;occ;	79;	0;	45859
15;	4330.7;	07-DEC-2010	16:26:40;	Bright;		40.5;	152;	12Alp2CVn	;	2.89;	11000;occ;	81;	0;	45859
16;	4674.2;	07-DEC-2010	16:32:24;	Bright;		56.0;	111;	8Eta Boo	;	2.68;	6000;occ;	112;	0;	45859
17;	4876.5;	07-DEC-2010	16:35:46;	Bright;		43.0;	138;	47Eps Vir	;	2.83;	4700;occ;	86;	0;	45859
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20;	5519.1;	07-DEC-2010	16:46:29;	Dark	;	50.0;	100;	4Gam Crv	;	2.58;	13100;occ;	100;	0;	45859
21;	5615.4;	07-DEC-2010	16:48:05;	Dark	;	52.5;	171;	2Eps Crv	;	3.00;	4250;occ;	105;	0;	45859
22;	5970.1;	07-DEC-2010	16:54:00;	Dark	;	41.0;	99;	Del Cen	;	2.58;	26000;occ;	82;	0;	45859
23;	6173.1;	07-DEC-2010	16:57:23;	Dark	;	44.5;	113;	Mu Vel	;	2.69;	5000;occ;	89;	0;	45860
24;	6498.3;	07-DEC-2010	17:02:48;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	45860
25;	6691.5;	07-DEC-2010	17:06:01;	Dark	;	48.5;	34;	Gam2Vel	;	1.79;	23000;occ;	97;	0;	45860
26;	6859.4;	07-DEC-2010	17:08:49;	Dark	;	49.0;	2;	Alp Car	;	-0.74;	7000;occ;	98;	0;	45860
27;	6996.5;	07-DEC-2010	17:11:06;	Dark	;	56.0;	117;	Pi Pup	;	2.71;	3800;occ;	112;	0;	45860

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2;	1218.4;	07-DEC-2010	17:15:02;	Dark	;	45.0;	108;	Alp Col	;	2.65;	15200;occ;	90;	0;	45860
3;	1537.3;	07-DEC-2010	17:20:21;	Dark	;	50.5;	101;	11Alp Lep	;	2.58;	7000;occ;	101;	0;	45860
4;	1735.9;	07-DEC-2010	17:23:39;	Dark	;	55.0;	7;	19Bet Ori	;	0.10;	14000;occ;	110;	0;	45860
5;	1891.1;	07-DEC-2010	17:26:15;	Dark	;	55.5;	30;	46Eps Ori	;	1.69;	30000;occ;	111;	0;	45860
6;	2042.2;	07-DEC-2010	17:28:46;	Dark	;	55.0;	27;	24Gam Ori	;	1.64;	26000;occ;	110;	0;	45860
7;	2192.5;	07-DEC-2010	17:31:16;	Dark	;	58.0;	13;	87Alp Tau	;	0.87;	3800;occ;	116;	0;	45860
8;	2305.4;	07-DEC-2010	17:33:09;	Bright;		38.0;	146;	25Eta Tau	;	2.87;	15200;occ;	76;	0;	45860
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10;	2520.9;	07-DEC-2010	17:36:44;	Bright;		43.0;	114;	3Iot Aur	;	2.69;	4600;occ;	86;	0;	45860
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12;	2857.9;	07-DEC-2010	17:42:21;	Bright;		47.5;	42;	34Bet Aur	;	1.90;	10200;occ;	95;	0;	45860
13;	3764.6;	07-DEC-2010	17:57:28;	Bright;		45.0;	36;	50Alp UMa	;	1.80;	6300;occ;	90;	0;	45860
14;	3856.5;	07-DEC-2010	17:59:00;	Bright;		48.0;	82;	48Bet UMa	;	2.37;	10600;occ;	96;	0;	45860
15;	3983.4;	07-DEC-2010	18:01:07;	Bright;		42.5;	32;	77Eps UMa	;	1.76;	11000;occ;	85;	0;	45860
16;	4120.4;	07-DEC-2010	18:03:24;	Bright;		40.0;	39;	85Eta UMa	;	1.85;	24000;occ;	80;	0;	45860
17;	4330.9;	07-DEC-2010	18:06:55;	Bright;		40.5;	152;	12Alp2CVn	;	2.89;	11000;occ;	81;	0;	45860
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19;	4876.9;	07-DEC-2010	18:16:01;	Bright;		45.5;	138;	47Eps Vir	;	2.83;	4700;occ;	91;	0;	45860
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21;	5434.0;	07-DEC-2010	18:25:18;	Dark	;	43.5;	169;	46Gam Hya	;	2.99;	4700;occ;	87;	0;	45860
22;	5520.1;	07-DEC-2010	18:26:44;	Dark	;	49.0;	100;	4Gam Crv	;	2.58;	13100;occ;	98;	0;	45860
23;	5616.4;	07-DEC-2010	18:28:20;	Dark	;	53.5;	171;	2Eps Crv	;	3.00;	4250;occ;	107;	0;	45860
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25;	6173.8;	07-DEC-2010	18:37:37;	Dark	;	44.5;	113;	Mu Vel	;	2.69;	5000;occ;	89;	0;	45861
26;	6499.0;	07-DEC-2010	18:43:03;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	45861
27;	6692.2;	07-DEC-2010	18:46:16;	Dark	;	48.5;	34;	Gam2Vel	;	1.79;	23000;occ;	97;	0;	45861
28;	6859.9;	07-DEC-2010	18:49:03;	Dark	;	49.0;	2;	Alp Car	;	-0.74;	7000;occ;	98;	0;	45861
29;	6997.1;	07-DEC-2010	18:51:21;	Dark	;	0.5;	117;	Pi Pup	;	2.71;	3800;occ;	1;	0;	45861

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2;	1218.6;	07-DEC-2010	18:55:16;	Dark	;	43.5;	108;	Alp Col	;	2.65;	15200;occ;	87;	0;	45861
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5;	1890.7;	07-DEC-2010	19:06:28;	Dark	;	52.0;	30;	46Eps Ori	;	1.69;	30000;occ;	104;	0;	45861
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12; -30.0; 09-DEC-2010 07:19:36; Dark ; 39.5; 99; Del Cen ; 2.58; 26000;occ; 79; 0;45882
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23; 3935.6; 23-DEC-2010 01:31:45; Bright; 65.0; 32; 77Eps UMa ; 1.76; 11000;occ; 130; 0;46080
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22; 1866.7; 23-DEC-2010 05:57:58; Dark ; 46.5; 30; 46Eps Ori ; 1.69; 30000;occ; 93; 0;46083
23; 2034.5; 23-DEC-2010 06:00:46; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;46083
24; 2277.3; 23-DEC-2010 06:04:49; Bright; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;46083
25; 2401.9; 23-DEC-2010 06:06:53; Bright; 41.0; 28; 12Bet Tau ; 1.65; 15200;occ; 82; 0;46083
26; 2594.7; 23-DEC-2010 06:10:06; Bright; 40.5; 107; 37The Aur ; 2.65; 11000;occ; 81; 0;46083
27; 2696.4; 23-DEC-2010 06:11:48; Bright; 45.0; 6; 13Alp Aur ; 0.08; 3400;occ; 90; 0;46083
28; 3681.7; 23-DEC-2010 06:28:13; Bright; 33.5; 60; 7Bet UMi ; 2.08; 3950;occ; 67; 0;46083

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5; 105.9; 23-DEC-2010 22:10:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46093
6; 365.0; 23-DEC-2010 22:15:17; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;46093
7; 558.1; 23-DEC-2010 22:18:30; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;46093
8; 663.6; 23-DEC-2010 22:20:15; Dark ; 42.0; 41; Eps Car ; 1.86; 4100;occ; 84; 0;46093
9; 842.8; 23-DEC-2010 22:23:15; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;46093
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11; 1115.6; 23-DEC-2010 22:27:47; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;46093
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13; 1393.8; 23-DEC-2010 22:32:26; Dark ; 50.5; 179; 240mi2Cma ; 3.03; 24000;occ; 101; 0;46093
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19; 2399.4; 23-DEC-2010 22:49:11; Bright; 40.5; 28; 12Bet Tau ; 1.65; 15200;occ; 81; 0;46093
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22; 3681.1; 23-DEC-2010 23:10:33; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;46093
23; 3931.8; 23-DEC-2010 23:14:44; Bright; 45.0; 32; 77Eps UMa ; 1.76; 11000;occ; 90; 0;46093
24; 4106.1; 23-DEC-2010 23:17:38; Bright; 40.5; 39; 85Eta UMa ; 1.85; 24000;occ; 81; 0;46093
25; 4325.6; 23-DEC-2010 23:21:17; Bright; 37.5; 180; 27Gam Boo ; 3.04; 8000;occ; 75; 0;46093
26; 4529.3; 23-DEC-2010 23:24:41; Bright; 57.0; 83; ; 2.38; 11000;occ; 114; 0;46093
27; 4747.3; 23-DEC-2010 23:28:19; Bright; 67.0; 111; 8Eta Boo ; 2.68; 6000;occ; 134; 0;46093
28; 5398.3; 23-DEC-2010 23:39:10; Dark ; 14.0; 15; 67Alp Vir ; 0.98; 28000;occ; 28; 0;46093

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3; -214.8; 23-DEC-2010 23:45:51; Dark ; 28.0; 106; 9Bet Crv ; 2.65; 5600;occ; 56; 0;46093
4; 12.7; 23-DEC-2010 23:49:38; Dark ; 42.0; 64; Gam Cen ; 2.20; 10600;occ; 84; 0;46094
5; 106.8; 23-DEC-2010 23:51:13; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46094
6; 365.9; 23-DEC-2010 23:55:32; Dark ; 47.5; 113; Mu Vel ; 2.69; 5000;occ; 95; 0;46094
7; 558.6; 23-DEC-2010 23:58:44; Dark ; 48.0; 71; Iot Car ; 2.25; 7700;occ; 96; 0;46094
8; 664.0; 24-DEC-2010 00:00:30; Dark ; 55.5; 41; Eps Car ; 1.86; 4100;occ; 111; 0;46094
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11; 1116.0; 24-DEC-2010 00:08:02; Dark ; 51.5; 117; Pi Pup ; 2.71; 3800;occ; 103; 0;46094
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13; 1394.3; 24-DEC-2010 00:12:40; Dark ; 47.0; 179; 240mi2Cma ; 3.03; 24000;occ; 94; 0;46094
14; 1555.9; 24-DEC-2010 00:15:22; Dark ; 57.5; 1; 9Alp Cma ; -1.44; 11000;occ; 115; 0;46094
15; 1745.4; 24-DEC-2010 00:18:31; Dark ; 44.0; 7; 19Bet Ori ; 0.10; 14000;occ; 88; 0;46094
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17; 2032.4; 24-DEC-2010 00:23:18; Dark ; 60.0; 14; 58Alp Ori ; 0.87; 3000;occ; 120; 0;46094
18; 2274.8; 24-DEC-2010 00:27:21; Bright; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;46094
19; 2399.2; 24-DEC-2010 00:29:25; Bright; 41.0; 28; 12Bet Tau ; 1.65; 15200;occ; 82; 0;46094
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23; 3931.4; 24-DEC-2010 00:54:57; Bright; 45.0; 32; 77Eps UMa ; 1.76; 11000;occ; 90; 0;46094
24; 4106.0; 24-DEC-2010 00:57:52; Bright; 62.0; 39; 85Eta UMa ; 1.85; 24000;occ; 124; 0;46094
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26; 4529.5; 24-DEC-2010 01:04:55; Bright; 57.0; 83; ; 2.38; 11000;occ; 114; 0;46094
27; 4747.9; 24-DEC-2010 01:08:34; Bright; 66.5; 111; 8Eta Boo ; 2.68; 6000;occ; 133; 0;46094

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3;-1906.8; 23-DEC-2010 06:35:19; Bright; 40.5; 39; 85Eta UMa ; 1.85; 24000;occ; 81; 0;46083
4;-1689.0; 23-DEC-2010 06:38:57; Bright; 38.0; 180; 27Gam Boo ; 3.04; 8000;occ; 76; 0;46083
5;-1486.4; 23-DEC-2010 06:42:19; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;46083
6;-1270.4; 23-DEC-2010 06:45:55; Bright; 45.5; 111; 8Eta Boo ; 2.68; 6000;occ; 91; 0;46083
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9; -228.3; 23-DEC-2010 07:03:17; Dark ; 56.0; 106; 9Bet Crv ; 2.65; 5600;occ; 112; 0;46083
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11; 98.1; 23-DEC-2010 07:08:44; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46084
12; 357.1; 23-DEC-2010 07:13:03; Dark ; 46.0; 113; Mu Vel ; 2.69; 5000;occ; 92; 0;46084
13; 552.9; 23-DEC-2010 07:16:18; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;46084
14; 659.1; 23-DEC-2010 07:18:05; Dark ; 50.0; 41; Eps Car ; 1.86; 4100;occ; 100; 0;46084
15; 837.3; 23-DEC-2010 07:21:03; Dark ; 49.0; 34; Gam2Vel ; 1.79; 23000;occ; 98; 0;46084
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19; 1391.7; 23-DEC-2010 07:30:17; Dark ; 50.0; 179; 240mi2CMA ; 3.03; 24000;occ; 100; 0;46084
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6; 2401.7; 23-DEC-2010 07:47:07; Bright; 40.5; 28; 12Bet Tau ; 1.65; 15200;occ; 81; 0;46084
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10; 3934.5; 23-DEC-2010 08:12:40; Bright; 46.5; 32; 77Eps UMa ; 1.76; 11000;occ; 93; 0;46084
11; 4107.3; 23-DEC-2010 08:15:33; Bright; 43.5; 39; 85Eta UMa ; 1.85; 24000;occ; 87; 0;46084
12; 4325.1; 23-DEC-2010 08:19:11; Bright; 43.5; 180; 27Gam Boo ; 3.04; 8000;occ; 87; 0;46084
13; 4527.9; 23-DEC-2010 08:22:33; Bright; 37.5; 83; ; 2.38; 11000;occ; 75; 0;46084
14; 4743.9; 23-DEC-2010 08:26:09; Bright; 49.0; 111; 8Eta Boo ; 2.68; 6000;occ; 98; 0;46084
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16; 5662.6; 23-DEC-2010 08:41:28; Dark ; 45.5; 54; 5The Cen ; 2.06; 4500;occ; 91; 0;46084
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19; 6112.9; 23-DEC-2010 08:48:58; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46085
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23; 6852.1; 23-DEC-2010 09:01:18; Dark ; 50.0; 34; Gam2Vel ; 1.79; 23000;occ; 100; 0;46085
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26; 7306.8; 23-DEC-2010 09:08:52; Dark ; 50.0; 23; 21Eps CMA ; 1.50; 26000;occ; 100; 0;46085
27; 7405.9; 23-DEC-2010 09:10:31; Dark ; 47.5; 179; 240mi2CMA ; 3.03; 24000;occ; 95; 0;46085
28; 7569.1; 23-DEC-2010 09:13:15; Dark ; 60.0; 1; 9Alp CMA ; -1.44; 11000;occ; 120; 0;46085
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6; 2593.7; 23-DEC-2010 09:30:33; Bright; 41.5; 107; 37The Aur ; 2.65; 11000;occ; 83; 0;46085
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13; 4744.3; 23-DEC-2010 10:06:24; Bright; 67.0; 111; 8Eta Boo ; 2.68; 6000;occ; 134; 0;46085
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23; 6982.9; 23-DEC-2010 10:43:42; Dark ; 46.0; 70; Zet Pup ; 2.25; 39000;occ; 92; 0;46086
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26; 7406.2; 23-DEC-2010 10:50:46; Dark ; 47.0; 179; 240mi2CMa ; 3.03; 24000;occ; 94; 0;46086
27; 7569.1; 23-DEC-2010 10:53:29; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;46086

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12; 4325.2; 23-DEC-2010 11:39:39; Bright; 40.0; 180; 27Gam Boo ; 3.04; 8000;occ; 80; 0;46086
13; 4528.1; 23-DEC-2010 11:43:02; Bright; 38.5; 83; ; 2.38; 11000;occ; 77; 0;46086
14; 4744.7; 23-DEC-2010 11:46:38; Bright; 67.0; 111; 8Eta Boo ; 2.68; 6000;occ; 134; 0;46086
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8;	2685.3;	27-DEC-2010	08:45:24;	Bright;	40.0;	6;	13Alp Aur	;	0.08;	3400;occ;	80;	0;	46142	
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13;	4538.7;	27-DEC-2010	09:16:18;	Bright;	39.0;	83;		;	2.38;	11000;occ;	78;	0;	46142	
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22;	6600.8;	27-DEC-2010	09:50:40;	Dark	;	42.5;	71;	Iot Car	;	2.25;	7700;occ;	85;	0;	46143
23;	6702.0;	27-DEC-2010	09:52:21;	Dark	;	47.0;	41;	Eps Car	;	1.86;	4100;occ;	94;	0;	46143
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25;	7017.4;	27-DEC-2010	09:57:36;	Dark	;	48.0;	70;	Zet Pup	;	2.25;	39000;occ;	96;	0;	46143
26;	7151.5;	27-DEC-2010	09:59:50;	Dark	;	50.0;	117;	Pi Pup	;	2.71;	3800;occ;	100;	0;	46143
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28;	7421.2;	27-DEC-2010	10:04:20;	Dark	;	47.5;	179;	240mi2CMa	;	3.03;	24000;occ;	95;	0;	46143
29;	7576.3;	27-DEC-2010	10:06:55;	Dark	;	58.5;	1;	9Alp CMa	;	-1.44;	11000;occ;	117;	0;	46143
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8;	3617.1;	27-DEC-2010	10:41:10;	Bright;	49.0;	36;	50Alp UMa	;	1.80;	6300;occ;	98;	0;	46143	
9;	3915.0;	27-DEC-2010	10:46:08;	Bright;	42.5;	32;	77Eps UMa	;	1.76;	11000;occ;	85;	0;	46143	
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21;	6601.5;	27-DEC-2010	11:30:54;	Dark	;	50.0;	71;	Iot Car	;	2.25;	7700;occ;	100;	0;	46144
22;	6702.3;	27-DEC-2010	11:32:35;	Dark	;	51.0;	41;	Eps Car	;	1.86;	4100;occ;	102;	0;	46144
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26;	7325.8;	27-DEC-2010	11:42:59;	Dark	;	47.0;	23;	21Eps CMa	;	1.50;	26000;occ;	94;	0;	46144
27;	7421.5;	27-DEC-2010	11:44:34;	Dark	;	46.5;	179;	240mi2CMa	;	3.03;	24000;occ;	93;	0;	46144
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6; 2553.9; 31-DEC-2010 11:17:00; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;46201
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8; 3672.6; 31-DEC-2010 11:35:39; Bright; 40.0; 60; 7Bet UMi ; 2.08; 3950;occ; 80; 0;46201
9; 3893.2; 31-DEC-2010 11:39:19; Bright; 48.0; 32; 77Eps UMa ; 1.76; 11000;occ; 96; 0;46201

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13; 4744.1; 31-DEC-2010 11:53:30; Bright; 52.5; 3; 16Alp Boo ;-0.05; 4250;occ; 105; 0;46201
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17; 5902.1; 31-DEC-2010 12:12:48; Dark ; 40.0; 95; Zet Cen ; 2.55; 26000;occ; 80; 0;46201
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23; 6918.4; 31-DEC-2010 12:29:45; Dark ; 44.0; 34; Gam2Vel ; 1.79; 23000;occ; 88; 0;46202
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25; 7174.8; 31-DEC-2010 12:34:01; Dark ; 49.0; 117; Pi Pup ; 2.71; 3800;occ; 98; 0;46202
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27; 7435.2; 31-DEC-2010 12:38:21; Dark ; 45.0; 179; 240mi2CMA ; 3.03; 24000;occ; 90; 0;46202
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 9; 3672.7; 31-DEC-2010 13:15:53; Bright; 34.0; 60; 7Bet UMi ; 2.08; 3950;occ; 68; 0;46202
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11; 4088.4; 31-DEC-2010 13:22:49; Bright; 44.5; 39; 85Eta UMA ; 1.85; 24000;occ; 89; 0;46202
12; 4330.6; 31-DEC-2010 13:26:51; Bright; 41.0; 180; 27Gam Boo ; 3.04; 8000;occ; 82; 0;46202
13; 4550.5; 31-DEC-2010 13:30:31; Bright; 62.0; 83; ; 2.38; 11000;occ; 124; 0;46202
14; 4744.6; 31-DEC-2010 13:33:45; Bright; 52.5; 3; 16Alp Boo ;-0.05; 4250;occ; 105; 0;46202
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22; 6634.3; 31-DEC-2010 14:05:14; Dark ; 42.0; 71; Iot Car ; 2.25; 7700;occ; 84; 0;46203
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 4; 1869.2; 31-DEC-2010 14:26:03; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;46203
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 8; 2553.4; 31-DEC-2010 14:37:28; Bright; 39.5; 107; 37The Aur ; 2.65; 11000;occ; 79; 0;46203
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13; 4331.0; 31-DEC-2010 15:07:05; Bright; 46.0; 180; 27Gam Boo ; 3.04; 8000;occ; 92; 0;46203
14; 4550.9; 31-DEC-2010 15:10:45; Bright; 42.0; 83; ; 2.38; 11000;occ; 84; 0;46203
15; 4745.0; 31-DEC-2010 15:13:59; Bright; 53.0; 3; 16Alp Boo ;-0.05; 4250;occ; 106; 0;46203
16; 5168.3; 31-DEC-2010 15:21:02; Bright; 56.0; 104; 27Bet Lib ; 2.61; 13100;occ; 112; 0;46203
17; 5326.1; 31-DEC-2010 15:23:40; Dark ; 48.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 96; 0;46203
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19; 5903.4; 31-DEC-2010 15:33:18; Dark ; 41.0; 95; Zet Cen ; 2.55; 26000;occ; 82; 0;46203

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 22; 6479.3; 31-DEC-2010 15:42:53; Dark ; 49.5; 113; Mu Vel ; 2.69; 5000;occ; 99; 0;46204
 23; 6634.9; 31-DEC-2010 15:45:29; Dark ; 41.0; 71; Iot Car ; 2.25; 7700;occ; 82; 0;46204
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 25; 6919.6; 31-DEC-2010 15:50:14; Dark ; 42.0; 34; Gam2Vel ; 1.79; 23000;occ; 84; 0;46204
 26; 7050.5; 31-DEC-2010 15:52:25; Dark ; 46.0; 70; Zet Pup ; 2.25; 39000;occ; 92; 0;46204
 27; 7175.5; 31-DEC-2010 15:54:30; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;46204
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 12; 3892.1; 31-DEC-2010 16:40:00; Bright; 48.0; 32; 77Eps UMa ; 1.76; 11000;occ; 96; 0;46204
 13; 4088.1; 31-DEC-2010 16:43:16; Bright; 46.5; 39; 85Eta UMa ; 1.85; 24000;occ; 93; 0;46204
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 16; 4745.4; 31-DEC-2010 16:54:14; Bright; 53.0; 3; 16Alp Boo ; -0.05; 4250;occ; 106; 0;46204
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 22; 6221.0; 31-DEC-2010 17:18:49; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46205
 23; 6480.3; 31-DEC-2010 17:23:08; Dark ; 47.0; 113; Mu Vel ; 2.69; 5000;occ; 94; 0;46205
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 25; 6730.5; 31-DEC-2010 17:27:19; Dark ; 50.5; 41; Eps Car ; 1.86; 4100;occ; 101; 0;46205
 26; 6920.1; 31-DEC-2010 17:30:28; Dark ; 45.0; 34; Gam2Vel ; 1.79; 23000;occ; 90; 0;46205
 27; 7051.0; 31-DEC-2010 17:32:39; Dark ; 49.0; 70; Zet Pup ; 2.25; 39000;occ; 98; 0;46205
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 19; 5327.2; 31-DEC-2010 18:44:10; Dark ; 45.0; 122; 9Alp2Lib ; 2.75; 9700;occ; 90; 0;46205
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 22; 6112.9; 31-DEC-2010 18:57:15; Dark ; 43.5; 64; Gam Cen ; 2.20; 10600;occ; 87; 0;46206
 23; 6221.9; 31-DEC-2010 18:59:04; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;46206
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 25; 6636.0; 31-DEC-2010 19:05:58; Dark ; 46.5; 71; Iot Car ; 2.25; 7700;occ; 93; 0;46206
 26; 6749.9; 31-DEC-2010 19:07:52; Dark ; 47.0; 46; Del Vel ; 1.95; 10600;occ; 94; 0;46206
 27; 6920.5; 31-DEC-2010 19:10:43; Dark ; 43.5; 34; Gam2Vel ; 1.79; 23000;occ; 87; 0;46206
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3;	1329.8;	31-DEC-2010	19:17:46;	Dark	;	44.0;	23;	21Eps CMa	;	1.50;	26000;occ;	88;	0;	46206
4;	1422.0;	31-DEC-2010	19:19:18;	Dark	;	42.5;	179;	24Omi2CMa	;	3.03;	24000;occ;	85;	0;	46206
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7;	1869.3;	31-DEC-2010	19:26:46;	Dark	;	44.5;	30;	46Eps Ori	;	1.69;	30000;occ;	89;	0;	46206
8;	2020.2;	31-DEC-2010	19:29:17;	Dark	;	55.0;	14;	58Alp Ori	;	0.87;	3000;occ;	110;	0;	46206
9;	2215.8;	31-DEC-2010	19:32:32;	Dark	;	57.0;	44;	24Gam Gem	;	1.93;	11000;occ;	114;	0;	46206
10;	2313.6;	31-DEC-2010	19:34:10;	Bright;	;	47.5;	151;	13Mu Gem	;	2.89;	3000;occ;	95;	0;	46206
11;	2552.7;	31-DEC-2010	19:38:09;	Bright;	;	39.0;	107;	37The Aur	;	2.65;	11000;occ;	78;	0;	46206
12;	2677.7;	31-DEC-2010	19:40:14;	Bright;	;	41.0;	6;	13Alp Aur	;	0.08;	3400;occ;	82;	0;	46206
13;	3672.2;	31-DEC-2010	19:56:49;	Bright;	;	35.0;	60;	7Bet UMi	;	2.08;	3950;occ;	70;	0;	46206
14;	3891.1;	31-DEC-2010	20:00:28;	Bright;	;	49.5;	32;	77Eps UMa	;	1.76;	11000;occ;	99;	0;	46206
15;	4087.7;	31-DEC-2010	20:03:44;	Bright;	;	66.0;	39;	85Eta UMa	;	1.85;	24000;occ;	132;	0;	46206
16;	4330.9;	31-DEC-2010	20:07:47;	Bright;	;	62.0;	180;	27Gam Boo	;	3.04;	8000;occ;	124;	0;	46206
17;	4551.4;	31-DEC-2010	20:11:28;	Bright;	;	62.0;	83;		;	2.38;	11000;occ;	124;	0;	46206
18;	4746.2;	31-DEC-2010	20:14:43;	Bright;	;	53.5;	3;	16Alp Boo	;	-0.05;	4250;occ;	107;	0;	46206
19;	5169.6;	31-DEC-2010	20:21:46;	Bright;	;	56.0;	104;	27Bet Lib	;	2.61;	13100;occ;	112;	0;	46206
20;	5327.7;	31-DEC-2010	20:24:24;	Dark	;	45.5;	122;	9Alp2Lib	;	2.75;	9700;occ;	91;	0;	46206
21;	5739.5;	31-DEC-2010	20:31:16;	Dark	;	48.5;	54;	5The Cen	;	2.06;	4500;occ;	97;	0;	46206
22;	5904.9;	31-DEC-2010	20:34:01;	Dark	;	42.0;	95;	Zet Cen	;	2.55;	26000;occ;	84;	0;	46206
23;	6113.8;	31-DEC-2010	20:37:30;	Dark	;	44.5;	64;	Gam Cen	;	2.20;	10600;occ;	89;	0;	46207
24;	6222.7;	31-DEC-2010	20:39:19;	Dark	;	59.5;	0;		;	0.00;	0;occ;	119;	0;	46207
25;	6482.0;	31-DEC-2010	20:43:38;	Dark	;	46.5;	113;	Mu Vel	;	2.69;	5000;occ;	93;	0;	46207
26;	6636.4;	31-DEC-2010	20:46:13;	Dark	;	45.0;	71;	Iot Car	;	2.25;	7700;occ;	90;	0;	46207
27;	6750.2;	31-DEC-2010	20:48:07;	Dark	;	42.5;	46;	Del Vel	;	1.95;	10600;occ;	85;	0;	46207
28;	6921.0;	31-DEC-2010	20:50:57;	Dark	;	48.0;	34;	Gam2Vel	;	1.79;	23000;occ;	96;	0;	46207
29;	7051.8;	31-DEC-2010	20:53:08;	Dark	;	23.5;	70;	Zet Pup	;	2.25;	39000;occ;	47;	0;	46207