

# GOMOS Daily Report 18-SEP-2011

## Level 0 and Level 1 products

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## [Level 2 products](#)

This report presents the daily analysis on parameters extracted from GOMOS level 1b data (GOM\_TRA\_1P). It is intended to monitor some important parameters that will impact the quality of the level 2 products as the Spectrometers and Photometers CCD Temperatures and Dark Charge, SATU noise equivalent angle... A list of level 0 products (and content) that have arrived during the actual month to the PCF is also given.

Item	Value
Time of report generation	21SEP2011 07:02:59
Data source version	GOMOS/6.01
Start time of products	18SEP2011 00:03:13
Stop time of products	18SEP2011 23:41:55
Store outputs in DB	Yes
Nb of level 1b prods	159
Nb of prods with errors	0

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

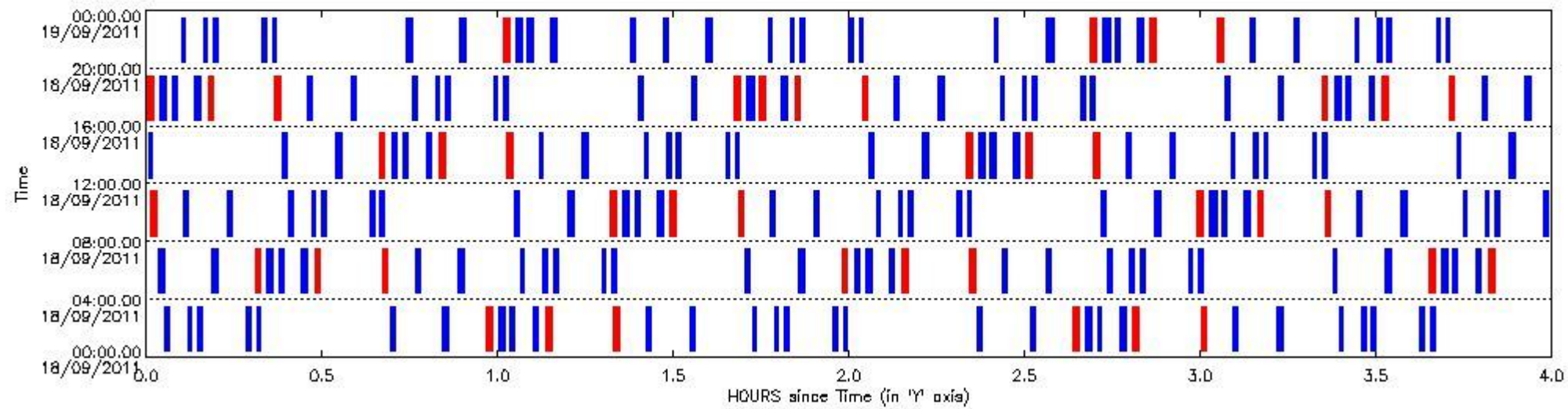
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
18-SEP-2011 00:58:03	15RhoPup	132	49944
18-SEP-2011 01:08:16	AlpCar	2	49945
18-SEP-2011 01:19:49	AlpEri	9	49945
18-SEP-2011 02:38:18	15RhoPup	132	49945
18-SEP-2011 02:48:31	AlpCar	2	49946
18-SEP-2011 03:00:04	AlpEri	9	49946
18-SEP-2011 04:18:32	15RhoPup	132	49946
18-SEP-2011 04:28:46	AlpCar	2	49947
18-SEP-2011 04:40:18	AlpEri	9	49947
18-SEP-2011 05:58:47	15RhoPup	132	49947
18-SEP-2011 06:09:00	AlpCar	2	49948
18-SEP-2011 06:20:32	AlpEri	9	49948
18-SEP-2011 07:39:01	15RhoPup	132	49948
18-SEP-2011 07:49:15	AlpCar	2	49949
18-SEP-2011 08:00:47	AlpEri	9	49949

18-SEP-2011 09:19:16	15RhoPup	132	49949
18-SEP-2011 09:29:30	AlpCar	2	49950
18-SEP-2011 09:41:01	AlpEri	9	49950
18-SEP-2011 10:59:30	15RhoPup	132	49950
18-SEP-2011 11:09:44	AlpCar	2	49951
18-SEP-2011 11:21:16	AlpEri	9	49951
18-SEP-2011 12:39:45	15RhoPup	132	49951
18-SEP-2011 12:49:59	AlpCar	2	49952
18-SEP-2011 13:01:30	AlpEri	9	49952
18-SEP-2011 14:19:59	15RhoPup	132	49952
18-SEP-2011 14:30:13	AlpCar	2	49953
18-SEP-2011 14:41:45	AlpEri	9	49953
18-SEP-2011 16:00:14	15RhoPup	132	49953
18-SEP-2011 16:10:28	AlpCar	2	49954
18-SEP-2011 16:21:59	AlpEri	9	49954
18-SEP-2011 17:40:28	15RhoPup	132	49954
18-SEP-2011 17:44:41	21EpsCMa	23	49954
18-SEP-2011 17:50:43	AlpCar	2	49955
18-SEP-2011 18:02:13	AlpEri	9	49955
18-SEP-2011 19:20:43	15RhoPup	132	49955
18-SEP-2011 19:30:57	AlpCar	2	49956
18-SEP-2011 19:42:28	AlpEri	9	49956
18-SEP-2011 21:00:57	15RhoPup	132	49956
18-SEP-2011 22:41:12	15RhoPup	132	49957
18-SEP-2011 22:51:26	AlpCar	2	49958
18-SEP-2011 23:02:57	AlpEri	9	49958

#### 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_1PNPDE20110918_000313_000000393106_00361_49944_8309.N1	18-SEP-2011 00:03:13	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49944	No
2	GOM_TRA_1PNPDE20110918_000701_000000413106_00361_49944_8310.N1	18-SEP-2011 00:07:01	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	49944	No
3	GOM_TRA_1PNPDE20110918_000847_000000463106_00361_49944_8311.N1	18-SEP-2011 00:08:47	Bright	46.000	58	21Alp And	2.0730	11000.	92	49944	No
4	GOM_TRA_1PNPDE20110918_001705_000000423106_00361_49944_8312.N1	18-SEP-2011 00:17:05	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	49944	No
5	GOM_TRA_1PNPDE20110918_001847_000000433106_00361_49944_8313.N1	18-SEP-2011 00:18:47	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49944	No
6	GOM_TRA_1PNPDE20110918_004138_000000483106_00361_49944_8314.N1	18-SEP-2011 00:41:38	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49944	No
7	GOM_TRA_1PNPDE20110918_005036_000000553106_00361_49944_8315.N1	18-SEP-2011 00:50:36	Dark	55.000	8	10Alp CMi	0.40000	6500.0	110	49944	No
8	GOM_TRA_1PNPDE20110918_010005_000000673106_00361_49944_8330.N1	18-SEP-2011 01:00:05	Dark	66.500	1	9Alp CMa	-1.4400	11000.	133	49944	No
9	GOM_TRA_1PNPDE20110918_010208_000000503106_00361_49944_8331.N1	18-SEP-2011 01:02:08	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	49944	No
10	GOM_TRA_1PNPDE20110918_012523_000000433106_00362_49945_8332.N1	18-SEP-2011 01:25:23	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	49945	No
11	GOM_TRA_1PNPDE20110918_013249_000000563106_00362_49945_8333.N1	18-SEP-2011 01:32:49	Twilight_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	49945	No
12	GOM_TRA_1PNPDE20110918_014327_000000403106_00362_49945_8334.N1	18-SEP-2011 01:43:27	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49945	No
13	GOM_TRA_1PNPDE20110918_014715_000000393106_00362_49945_8335.N1	18-SEP-2011 01:47:15	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	49945	No
14	GOM_TRA_1PNPDE20110918_014900_000000483106_00362_49945_8336.N1	18-SEP-2011 01:49:00	Bright	47.500	58	21Alp And	2.0730	11000.	95	49945	No
15	GOM_TRA_1PNPDE20110918_015719_000000413106_00362_49945_8337.N1	18-SEP-2011 01:57:19	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49945	No
16	GOM_TRA_1PNPDE20110918_015900_000000433106_00362_49945_8338.N1	18-SEP-2011 01:59:00	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49945	No
17	GOM_TRA_1PNPDE20110918_022152_000000463106_00362_49945_8339.N1	18-SEP-2011 02:21:52	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	49945	No
18	GOM_TRA_1PNPDE20110918_023051_000000593106_00362_49945_8349.N1	18-SEP-2011 02:30:51	Dark	59.000	8	10Alp CMi	0.40000	6500.0	118	49945	No
19	GOM_TRA_1PNPDE20110918_024020_000000593106_00362_49945_8350.N1	18-SEP-2011 02:40:20	Dark	58.500	1	9Alp CMa	-1.4400	11000.	117	49945	No
20	GOM_TRA_1PNPDE20110918_024223_000000473106_00362_49945_8351.N1	18-SEP-2011 02:42:23	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	49945	No
21	GOM_TRA_1PNPDE20110918_030538_000000453106_00363_49946_8352.N1	18-SEP-2011 03:05:38	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	49946	No
22	GOM_TRA_1PNPDE20110918_031304_000000573106_00363_49946_8353.N1	18-SEP-2011 03:13:04	Twilight_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	49946	No
23	GOM_TRA_1PNPDE20110918_032341_000000403106_00363_49946_8354.N1	18-SEP-2011 03:23:41	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49946	No
24	GOM_TRA_1PNPDE20110918_032729_000000563106_00363_49946_8355.N1	18-SEP-2011 03:27:29	Bright	56.000	93	53Bet Peg	2.5200	3100.0	112	49946	No
25	GOM_TRA_1PNPDE20110918_032913_000000463106_00363_49946_8356.N1	18-SEP-2011 03:29:13	Bright	46.000	58	21Alp And	2.0730	11000.	92	49946	No
26	GOM_TRA_1PNPDE20110918_033732_000000383106_00363_49946_8357.N1	18-SEP-2011 03:37:32	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	49946	No
27	GOM_TRA_1PNPDE20110918_033914_000000523106_00363_49946_8358.N1	18-SEP-2011 03:39:14	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	49946	No
28	GOM_TRA_1PNPDE20110918_040206_000000653106_00363_49946_8372.N1	18-SEP-2011 04:02:06	Bright	65.000	24	66Alp Gem	1.5800	10200.	130	49946	No

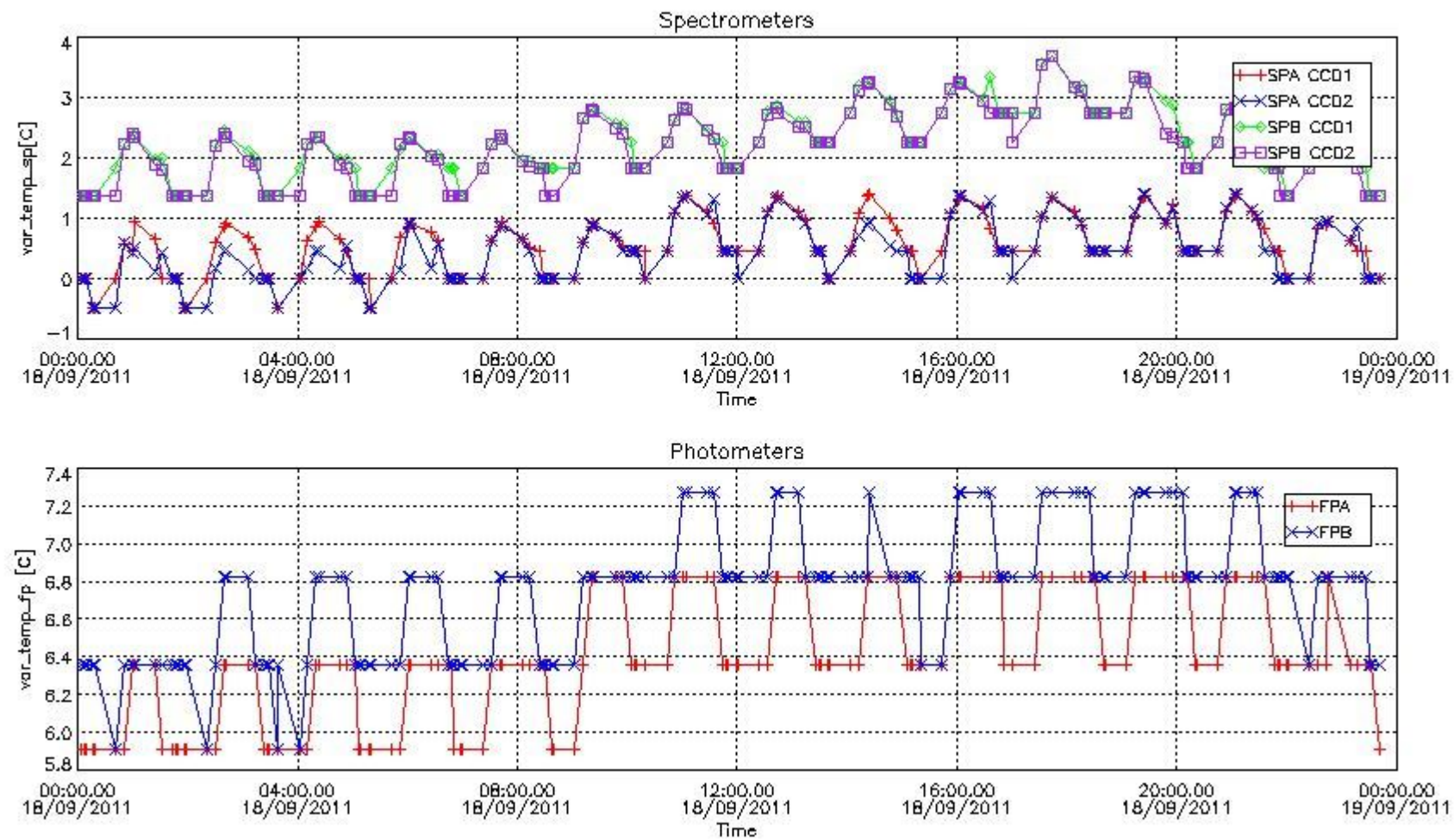
29	GOM_TRA_1PNPDE20110918_041105_000000643106_00363_49946_8373.N1	18-SEP-2011 04:11:05	Dark	64.000	8	10Alp CMI	0.40000	6500.0	128	49946	No
30	GOM_TRA_1PNPDE20110918_042036_000000663106_00363_49946_8374.N1	18-SEP-2011 04:20:36	Dark	65.500	1	9Alp CMA	-1.4400	11000.	131	49946	No
31	GOM_TRA_1PNPDE20110918_042237_000000523106_00363_49946_8375.N1	18-SEP-2011 04:22:37	Dark	52.000	23	21Eps CMA	1.5020	26000.	104	49946	No
32	GOM_TRA_1PNPDE20110918_044552_000000483106_00364_49947_8376.N1	18-SEP-2011 04:45:52	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	49947	No
33	GOM_TRA_1PNPDE20110918_045318_000000553106_00364_49947_8377.N1	18-SEP-2011 04:53:18	Twilight_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	49947	No
34	GOM_TRA_1PNPDE20110918_050355_000000403106_00364_49947_8378.N1	18-SEP-2011 05:03:55	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49947	No
35	GOM_TRA_1PNPDE20110918_050743_000000413106_00364_49947_8379.N1	18-SEP-2011 05:07:43	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	49947	No
36	GOM_TRA_1PNPDE20110918_050927_000000473106_00364_49947_8380.N1	18-SEP-2011 05:09:27	Bright	46.500	58	21Alp And	2.0730	11000.	93	49947	No
37	GOM_TRA_1PNPDE20110918_051746_000000413106_00364_49947_8381.N1	18-SEP-2011 05:17:46	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49947	No
38	GOM_TRA_1PNPDE20110918_051927_000000423106_00364_49947_8382.N1	18-SEP-2011 05:19:27	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	49947	No
39	GOM_TRA_1PNPDE20110918_054220_000000463106_00364_49947_8399.N1	18-SEP-2011 05:42:20	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	49947	No
40	GOM_TRA_1PNPDE20110918_055120_000000583106_00364_49947_8400.N1	18-SEP-2011 05:51:20	Dark	58.000	8	10Alp CMI	0.40000	6500.0	116	49947	No
41	GOM_TRA_1PNPDE20110918_060051_000000623106_00364_49947_8401.N1	18-SEP-2011 06:00:51	Dark	62.000	1	9Alp CMA	-1.4400	11000.	124	49947	No
42	GOM_TRA_1PNPDE20110918_060252_000000563106_00364_49947_8402.N1	18-SEP-2011 06:02:52	Dark	56.000	23	21Eps CMA	1.5020	26000.	112	49947	No
43	GOM_TRA_1PNPDE20110918_062607_000000453106_00365_49948_8403.N1	18-SEP-2011 06:26:07	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	49948	No
44	GOM_TRA_1PNPDE20110918_063332_000000563106_00365_49948_8404.N1	18-SEP-2011 06:33:32	Twilight_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	49948	No
45	GOM_TRA_1PNPDE20110918_064409_000000403106_00365_49948_8405.N1	18-SEP-2011 06:44:09	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49948	No
46	GOM_TRA_1PNPDE20110918_064756_000000393106_00365_49948_8406.N1	18-SEP-2011 06:47:56	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	49948	No
47	GOM_TRA_1PNPDE20110918_064940_000000473106_00365_49948_8407.N1	18-SEP-2011 06:49:40	Bright	46.500	58	21Alp And	2.0730	11000.	93	49948	No
48	GOM_TRA_1PNPDE20110918_065759_000000413106_00365_49948_8408.N1	18-SEP-2011 06:57:59	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49948	No
49	GOM_TRA_1PNPDE20110918_065941_000000433106_00365_49948_8409.N1	18-SEP-2011 06:59:41	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49948	No
50	GOM_TRA_1PNPDK20110918_072234_000000453106_00365_49948_6623.N1	18-SEP-2011 07:22:34	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	49948	No
51	GOM_TRA_1PNPDK20110918_073134_000000643106_00365_49948_6624.N1	18-SEP-2011 07:31:34	Dark	64.000	8	10Alp CMI	0.40000	6500.0	128	49948	No
52	GOM_TRA_1PNPDK20110918_074106_000000653106_00365_49948_6625.N1	18-SEP-2011 07:41:06	Dark	64.500	1	9Alp CMA	-1.4400	11000.	129	49948	No
53	GOM_TRA_1PNPDK20110918_074307_000000503106_00365_49948_6626.N1	18-SEP-2011 07:43:07	Dark	50.000	23	21Eps CMA	1.5020	26000.	100	49948	No
54	GOM_TRA_1PNPDK20110918_080621_000000433106_00366_49949_6627.N1	18-SEP-2011 08:06:21	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	49949	No
55	GOM_TRA_1PNPDK20110918_081346_000000553106_00366_49949_6628.N1	18-SEP-2011 08:13:46	Twilight_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	49949	No
56	GOM_TRA_1PNPDK20110918_082423_000000393106_00366_49949_6671.N1	18-SEP-2011 08:24:23	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49949	No
57	GOM_TRA_1PNPDK20110918_082810_000000403106_00366_49949_6672.N1	18-SEP-2011 08:28:10	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49949	No
58	GOM_TRA_1PNPDK20110918_082954_000000443106_00366_49949_6673.N1	18-SEP-2011 08:29:54	Bright	43.500	58	21Alp And	2.0730	11000.	87	49949	No
59	GOM_TRA_1PNPDK20110918_083813_000000403106_00366_49949_6674.N1	18-SEP-2011 08:38:13	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	49949	No
60	GOM_TRA_1PNPDK20110918_083954_000000433106_00366_49949_6675.N1	18-SEP-2011 08:39:54	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49949	No
61	GOM_TRA_1PNPDK20110918_090248_000000473106_00366_49949_6676.N1	18-SEP-2011 09:02:48	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	49949	No
62	GOM_TRA_1PNPDK20110918_091149_000000653106_00366_49949_6677.N1	18-SEP-2011 09:11:49	Dark	65.000	8	10Alp CMI	0.40000	6500.0	130	49949	No
63	GOM_TRA_1PNPDK20110918_092121_000000653106_00366_49949_6678.N1	18-SEP-2011 09:21:21	Dark	64.500	1	9Alp CMA	-1.4400	11000.	129	49949	No
64	GOM_TRA_1PNPDK20110918_092322_000000513106_00366_49949_6679.N1	18-SEP-2011 09:23:22	Dark	51.000	23	21Eps CMA	1.5020	26000.	102	49949	No
65	GOM_TRA_1PNPDK20110918_094635_000000433106_00367_49950_6680.N1	18-SEP-2011 09:46:35	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	49950	No
66	GOM_TRA_1PNPDK20110918_095400_000000553106_00367_49950_6681.N1	18-SEP-2011 09:54:00	Twilight_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	49950	No
67	GOM_TRA_1PNPDK20110918_100436_000000393106_00367_49950_6706.N1	18-SEP-2011 10:04:36	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49950	No
68	GOM_TRA_1PNPDK20110918_100824_000000403106_00367_49950_6707.N1	18-SEP-2011 10:08:24	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49950	No
69	GOM_TRA_1PNPDK20110918_101007_000000463106_00367_49950_6708.N1	18-SEP-2011 10:10:07	Bright	45.500	58	21Alp And	2.0730	11000.	91	49950	No
70	GOM_TRA_1PNPDK20110918_101827_000000413106_00367_49950_6709.N1	18-SEP-2011 10:18:27	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49950	No
71	GOM_TRA_1PNPDK20110918_102008_000000433106_00367_49950_6710.N1	18-SEP-2011 10:20:08	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49950	No
72	GOM_TRA_1PNPDK20110918_104302_000000483106_00367_49950_6711.N1	18-SEP-2011 10:43:02	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49950	No
73	GOM_TRA_1PNPDK20110918_105203_000000633106_00367_49950_6712.N1	18-SEP-2011 10:52:03	Dark	63.000	8	10Alp CMI	0.40000	6500.0	126	49950	No
74	GOM_TRA_1PNPDK20110918_110136_000000703106_00367_49950_6713.N1	18-SEP-2011 11:01:36	Dark	69.500	1	9Alp CMA	-1.4400	11000.	139	49950	No
75	GOM_TRA_1PNPDK20110918_110337_000000513106_00367_49950_6714.N1	18-SEP-2011 11:03:37	Dark	51.000	23	21Eps CMA	1.5020	26000.	102	49950	No
76	GOM_TRA_1PNPDK20110918_112649_000000423106_00368_49951_6715.N1	18-SEP-2011 11:26:49	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	49951	No
77	GOM_TRA_1PNPDK20110918_113414_000000553106_00368_49951_6716.N1	18-SEP-2011 11:34:14	Twilight_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	49951	No
78	GOM_TRA_1PNPDK20110918_114450_000000393106_00368_49951_6750.N1	18-SEP-2011 11:44:50	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49951	No
79	GOM_TRA_1PNPDK20110918_114838_000000403106_00368_49951_6751.N1	18-SEP-2011 11:48:38	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49951	No
80	GOM_TRA_1PNPDK20110918_115020_000000453106_00368_49951_6752.N1	18-SEP-2011 11:50:20	Bright	45.000	58	21Alp And	2.0730	11000.	90	49951	No
81	GOM_TRA_1PNPDK20110918_115840_000000413106_00368_49951_6753.N1	18-SEP-2011 11:58:40	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49951	No
82	GOM_TRA_1PNPDK20110918_120021_000000433106_00368_49951_6754.N1	18-SEP-2011 12:00:21	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49951	No
83	GOM_TRA_1PNPDK20110918_122316_000000473106_00368_49951_6755.N1	18-SEP-2011 12:23:16	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	49951	No
84	GOM_TRA_1PNPDK20110918_123218_000000583106_00368_49951_6756.N1	18-SEP-2011 12:32:18	Dark	57.500	8	10Alp CMI	0.40000	6500.0	115	49951	No
85	GOM_TRA_1PNPDK20110918_124151_000000603106_00368_49951_6757.N1	18-SEP-2011 12:41:51	Dark	60.000	1	9Alp CMA	-1.4400	11000.	120	49951	No
86	GOM_TRA_1PNPDK20110918_124352_000000463106_00368_49951_6758.N1	18-SEP-2011 12:43:52	Dark	45.500	23	21Eps CMA	1.5020	26000.	91	49951	No
87	GOM_TRA_1PNPDK20110918_130704_000000423106_00369_49952_6759.N1	18-SEP-2011 13:07:04	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	49952	No



88	GOM_TRA_1PNPDK20110918_131428_000000573106_00369_49952_6760.N1	18-SEP-2011 13:14:28	Twilight	56.500	52	16Bet Cet	2.0370	4500.0	113	49952	No
89	GOM_TRA_1PNPDK20110918_132504_000000393106_00369_49952_6797.N1	18-SEP-2011 13:25:04	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49952	No
90	GOM_TRA_1PNPDK20110918_132851_000000403106_00369_49952_6798.N1	18-SEP-2011 13:28:51	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49952	No
91	GOM_TRA_1PNPDK20110918_133034_000000473106_00369_49952_6799.N1	18-SEP-2011 13:30:34	Bright	46.500	58	21Alp And	2.0730	11000.	93	49952	No
92	GOM_TRA_1PNPDK20110918_133854_000000403106_00369_49952_6800.N1	18-SEP-2011 13:38:54	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	49952	No
93	GOM_TRA_1PNPDK20110918_134034_000000423106_00369_49952_6801.N1	18-SEP-2011 13:40:34	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	49952	No
94	GOM_TRA_1PNPDK20110918_140330_000000473106_00369_49952_6802.N1	18-SEP-2011 14:03:30	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	49952	No
95	GOM_TRA_1PNPDK20110918_141233_000000593106_00369_49952_6803.N1	18-SEP-2011 14:12:33	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	49952	No
96	GOM_TRA_1PNPDK20110918_142206_000000693106_00369_49952_6804.N1	18-SEP-2011 14:22:06	Dark	69.000	1	9Alp CMA	-1.4400	11000.	138	49952	No
97	GOM_TRA_1PNPDK20110918_142407_000000583106_00369_49952_6805.N1	18-SEP-2011 14:24:07	Dark	57.500	23	21Eps CMA	1.5020	26000.	115	49952	No
98	GOM_TRA_1PNPDK20110918_144718_000000503106_00370_49953_6806.N1	18-SEP-2011 14:47:18	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	49953	No
99	GOM_TRA_1PNPDK20110918_145443_000000563106_00370_49953_6825.N1	18-SEP-2011 14:54:43	Twilight	56.000	52	16Bet Cet	2.0370	4500.0	112	49953	No
100	GOM_TRA_1PNPDK20110918_150518_000000383106_00370_49953_6826.N1	18-SEP-2011 15:05:18	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	49953	No
101	GOM_TRA_1PNPDK20110918_150905_000000403106_00370_49953_6827.N1	18-SEP-2011 15:09:05	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49953	No
102	GOM_TRA_1PNPDK20110918_151047_000000443106_00370_49953_6828.N1	18-SEP-2011 15:10:47	Bright	43.500	58	21Alp And	2.0730	11000.	87	49953	No
103	GOM_TRA_1PNPDK20110918_151907_000000413106_00370_49953_6829.N1	18-SEP-2011 15:19:07	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49953	No
104	GOM_TRA_1PNPDK20110918_152048_000000433106_00370_49953_6830.N1	18-SEP-2011 15:20:48	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49953	No
105	GOM_TRA_1PNPDK20110918_154345_000000453106_00370_49953_6831.N1	18-SEP-2011 15:43:45	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	49953	No
106	GOM_TRA_1PNPDK20110918_155247_000000653106_00370_49953_6832.N1	18-SEP-2011 15:52:47	Dark	64.500	8	10Alp CMi	0.40000	6500.0	129	49953	No
107	GOM_TRA_1PNPDK20110918_160222_000000673106_00370_49953_6833.N1	18-SEP-2011 16:02:22	Dark	66.500	1	9Alp CMA	-1.4400	11000.	133	49953	No
108	GOM_TRA_1PNPDK20110918_160422_000000483106_00370_49953_6834.N1	18-SEP-2011 16:04:22	Dark	48.000	23	21Eps CMA	1.5020	26000.	96	49953	No
109	GOM_TRA_1PNPDK20110918_162732_000000493106_00371_49954_6835.N1	18-SEP-2011 16:27:32	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49954	No
110	GOM_TRA_1PNPDK20110918_163457_000000543106_00371_49954_6855.N1	18-SEP-2011 16:34:57	Twilight	54.000	52	16Bet Cet	2.0370	4500.0	108	49954	No
111	GOM_TRA_1PNPDK20110918_164532_000000403106_00371_49954_6856.N1	18-SEP-2011 16:45:32	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49954	No
112	GOM_TRA_1PNPDK20110918_164919_000000383106_00371_49954_6857.N1	18-SEP-2011 16:49:19	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	49954	No
113	GOM_TRA_1PNPDK20110918_165101_000000443106_00371_49954_6858.N1	18-SEP-2011 16:51:01	Bright	44.000	58	21Alp And	2.0730	11000.	88	49954	No
114	GOM_TRA_1PNPDK20110918_165921_000000413106_00371_49954_6859.N1	18-SEP-2011 16:59:21	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49954	No
115	GOM_TRA_1PNPDK20110918_170101_000000403106_00371_49954_6860.N1	18-SEP-2011 17:01:01	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	49954	No
116	GOM_TRA_1PNPDK20110918_172359_000000483106_00371_49954_6861.N1	18-SEP-2011 17:23:59	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49954	No
117	GOM_TRA_1PNPDK20110918_173302_000000603106_00371_49954_6862.N1	18-SEP-2011 17:33:02	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	49954	No
118	GOM_TRA_1PNPDK20110918_174237_000000743106_00371_49954_6863.N1	18-SEP-2011 17:42:37	Dark	73.500	1	9Alp CMA	-1.4400	11000.	147	49954	No
119	GOM_TRA_1PNPDK20110918_180747_000000433106_00372_49955_6893.N1	18-SEP-2011 18:07:47	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	49955	No
120	GOM_TRA_1PNPDK20110918_181511_000000573106_00372_49955_6894.N1	18-SEP-2011 18:15:11	Twilight	57.000	52	16Bet Cet	2.0370	4500.0	114	49955	No
121	GOM_TRA_1PNPDK20110918_182546_000000403106_00372_49955_6895.N1	18-SEP-2011 18:25:46	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49955	No
122	GOM_TRA_1PNPDK20110918_182933_000000403106_00372_49955_6896.N1	18-SEP-2011 18:29:33	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49955	No
123	GOM_TRA_1PNPDK20110918_183114_000000473106_00372_49955_6897.N1	18-SEP-2011 18:31:14	Bright	46.500	58	21Alp And	2.0730	11000.	93	49955	No
124	GOM_TRA_1PNPDK20110918_183934_000000413106_00372_49955_6898.N1	18-SEP-2011 18:39:34	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49955	No
125	GOM_TRA_1PNPDK20110918_184115_000000433106_00372_49955_6899.N1	18-SEP-2011 18:41:15	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49955	No
126	GOM_TRA_1PNPDK20110918_190413_000000473106_00372_49955_6900.N1	18-SEP-2011 19:04:13	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	49955	No
127	GOM_TRA_1PNPDK20110918_191317_000000583106_00372_49955_6901.N1	18-SEP-2011 19:13:17	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	49955	No
128	GOM_TRA_1PNPDK20110918_192252_000000663106_00372_49955_6902.N1	18-SEP-2011 19:22:52	Dark	65.500	1	9Alp CMA	-1.4400	11000.	131	49955	No
129	GOM_TRA_1PNPDK20110918_192451_000000543106_00372_49955_6903.N1	18-SEP-2011 19:24:51	Dark	54.000	23	21Eps CMA	1.5020	26000.	108	49955	No
130	GOM_TRA_1PNPDE20110918_194801_000000493106_00373_49956_8524.N1	18-SEP-2011 19:48:01	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49956	No
131	GOM_TRA_1PNPDE20110918_195525_000000553106_00373_49956_8525.N1	18-SEP-2011 19:55:25	Twilight	55.000	52	16Bet Cet	2.0370	4500.0	110	49956	No
132	GOM_TRA_1PNPDE20110918_200600_000000393106_00373_49956_8526.N1	18-SEP-2011 20:06:00	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49956	No
133	GOM_TRA_1PNPDE20110918_200947_000000393106_00373_49956_8527.N1	18-SEP-2011 20:09:47	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	49956	No
134	GOM_TRA_1PNPDE20110918_201128_000000463106_00373_49956_8528.N1	18-SEP-2011 20:11:28	Bright	45.500	58	21Alp And	2.0730	11000.	91	49956	No
135	GOM_TRA_1PNPDE20110918_201948_000000413106_00373_49956_8529.N1	18-SEP-2011 20:19:48	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49956	No
136	GOM_TRA_1PNPDE20110918_202128_000000433106_00373_49956_8530.N1	18-SEP-2011 20:21:28	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49956	No
137	GOM_TRA_1PNPDE20110918_204427_000000593106_00373_49956_8531.N1	18-SEP-2011 20:44:27	Bright	58.500	24	66Alp Gem	1.5800	10200.	117	49956	No
138	GOM_TRA_1PNPDE20110918_205331_000000593106_00373_49956_8545.N1	18-SEP-2011 20:53:31	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	49956	No
139	GOM_TRA_1PNPDE20110918_210307_000000643106_00373_49956_8546.N1	18-SEP-2011 21:03:07	Dark	64.000	1	9Alp CMA	-1.4400	11000.	128	49956	No
140	GOM_TRA_1PNPDE20110918_210506_000000503106_00373_49956_8547.N1	18-SEP-2011 21:05:06	Dark	50.000	23	21Eps CMA	1.5020	26000.	100	49956	No
141	GOM_TRA_1PNPDE20110918_212238_000000533106_00374_49957_8548.N1	18-SEP-2011 21:22:38	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49957	No
142	GOM_TRA_1PNPDE20110918_212816_000000453106_00374_49957_8549.N1	18-SEP-2011 21:28:16	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	49957	No
143	GOM_TRA_1PNPDE20110918_213539_000000563106_00374_49957_8550.N1	18-SEP-2011 21:35:39	Twilight	56.000	52	16Bet Cet	2.0370	4500.0	112	49957	No
144	GOM_TRA_1PNPDE20110918_214613_000000393106_00374_49957_8551.N1	18-SEP-2011 21:46:13	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49957	No
145	GOM_TRA_1PNPDE20110918_215000_000000393106_00374_49957_8552.N1	18-SEP-2011 21:50:00	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	49957	No
146	GOM_TRA_1PNPDE20110918_215141_000000433106_00374_49957_8553.N1	18-SEP-2011 21:51:41	Bright	42.500	58	21Alp And	2.0730	11000.	85	49957	No

147	GOM_TRA_1PNPDE20110918_220002_000000403106_00374_49957_8554.N1	18-SEP-2011 22:00:02	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	49957	No
148	GOM_TRA_1PNPDE20110918_220142_000000423106_00374_49957_8555.N1	18-SEP-2011 22:01:42	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	49957	No
149	GOM_TRA_1PNPDE20110918_222441_000000483106_00374_49957_8556.N1	18-SEP-2011 22:24:41	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49957	No
150	GOM_TRA_1PNPDE20110918_223346_000000673106_00374_49957_8557.N1	18-SEP-2011 22:33:46	Dark	66.500	8	10Alp CMi	0.40000	6500.0	133	49957	No
151	GOM_TRA_1PNPDE20110918_224322_000000743106_00374_49957_8569.N1	18-SEP-2011 22:43:22	Dark	73.500	1	9Alp CMa	-1.4400	11000.	147	49957	No
152	GOM_TRA_1PNPDE20110918_224521_000000493106_00374_49957_8570.N1	18-SEP-2011 22:45:21	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	49957	No
153	GOM_TRA_1PNPDE20110918_230830_000000433106_00375_49958_8571.N1	18-SEP-2011 23:08:30	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	49958	No
154	GOM_TRA_1PNPDE20110918_231553_000000563106_00375_49958_8572.N1	18-SEP-2011 23:15:53	Twilight_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	49958	No
155	GOM_TRA_1PNPDE20110918_232627_000000393106_00375_49958_8573.N1	18-SEP-2011 23:26:27	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49958	No
156	GOM_TRA_1PNPDE20110918_233014_000000413106_00375_49958_8574.N1	18-SEP-2011 23:30:14	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	49958	No
157	GOM_TRA_1PNPDE20110918_233154_000000453106_00375_49958_8575.N1	18-SEP-2011 23:31:54	Bright	44.500	58	21Alp And	2.0730	11000.	89	49958	No
158	GOM_TRA_1PNPDE20110918_234015_000000413106_00375_49958_8576.N1	18-SEP-2011 23:40:15	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49958	No
159	GOM_TRA_1PNPDE20110918_234155_000000403106_00375_49958_8577.N1	18-SEP-2011 23:41:55	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	49958	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).

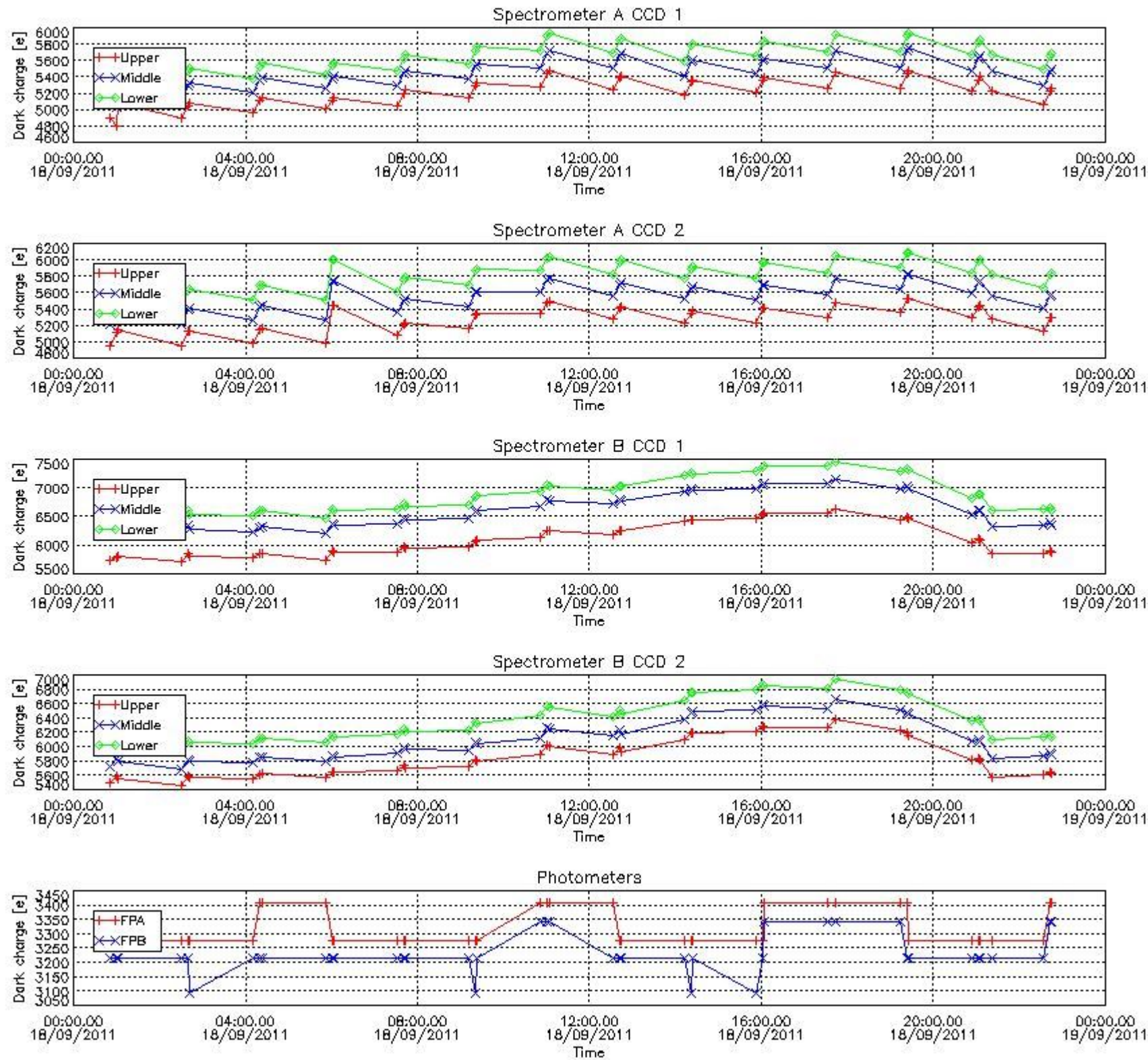
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20110918_194801_000000493106_00373_49956_8524.N1	DC map used
GOM_TRA_1PNPDE20110918_195525_000000553106_00373_49956_8525.N1	DC map used
GOM_TRA_1PNPDE20110918_200600_000000393106_00373_49956_8526.N1	DC map used
GOM_TRA_1PNPDE20110918_200947_000000393106_00373_49956_8527.N1	DC map used
GOM_TRA_1PNPDE20110918_201128_000000463106_00373_49956_8528.N1	DC map used
GOM_TRA_1PNPDE20110918_201948_000000413106_00373_49956_8529.N1	DC map used
GOM_TRA_1PNPDE20110918_202128_000000433106_00373_49956_8530.N1	DC map used
GOM_TRA_1PNPDE20110918_204427_000000593106_00373_49956_8531.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

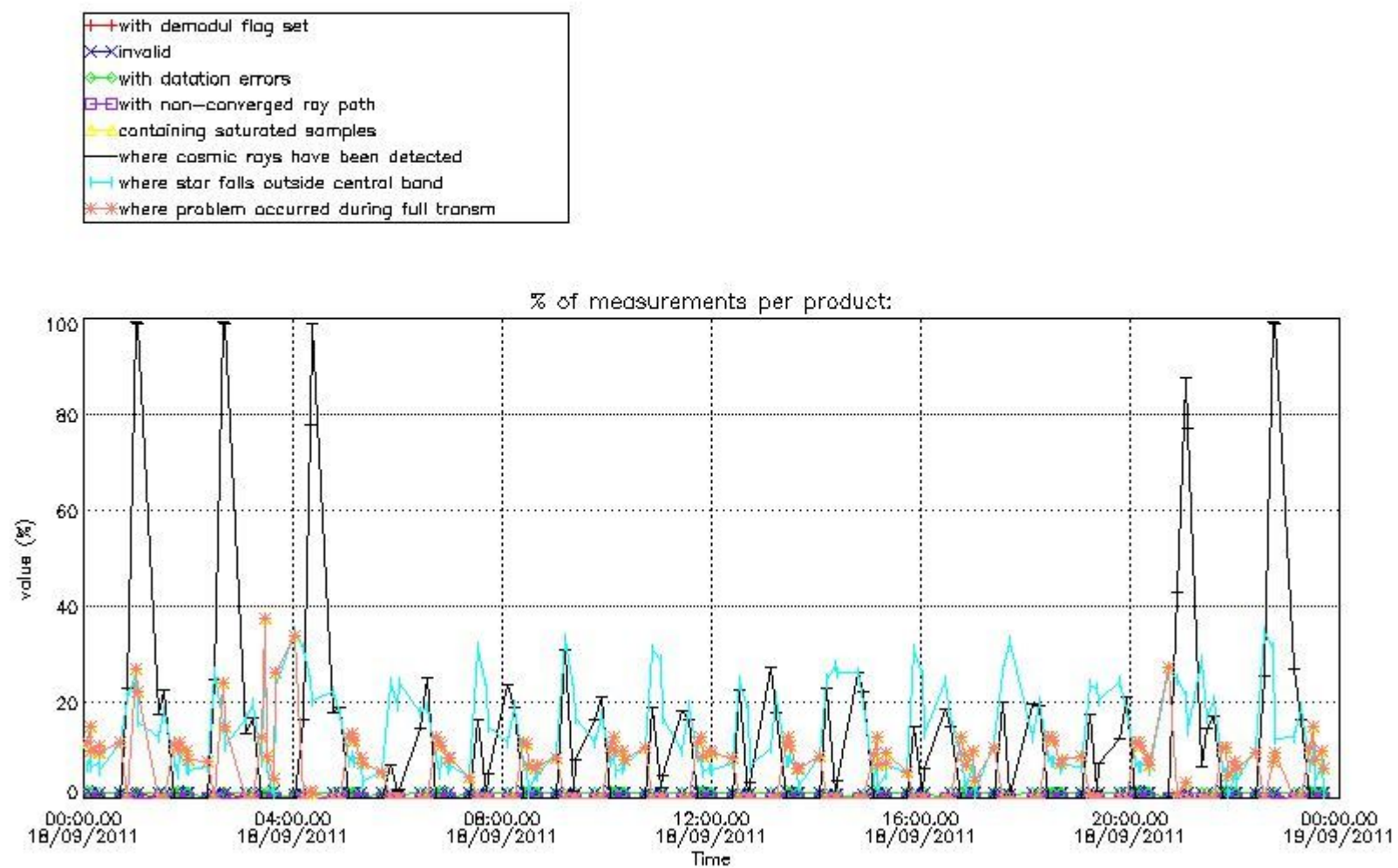
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

### 5.1 Percentage of products during reporting period with:

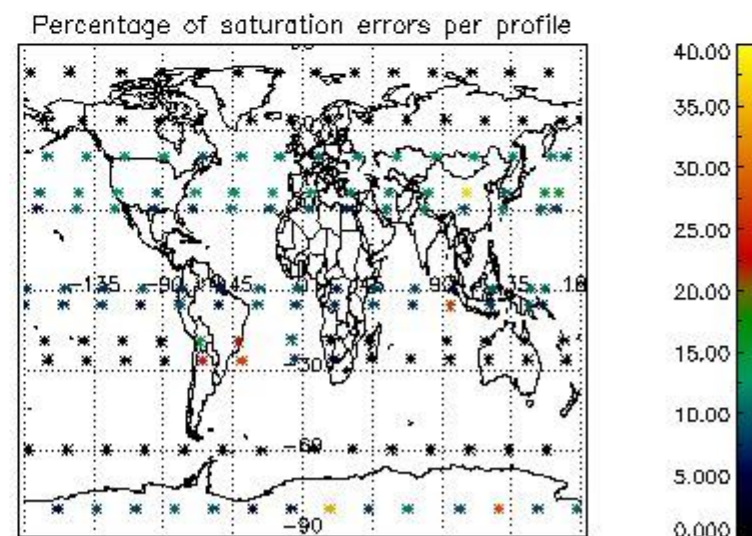
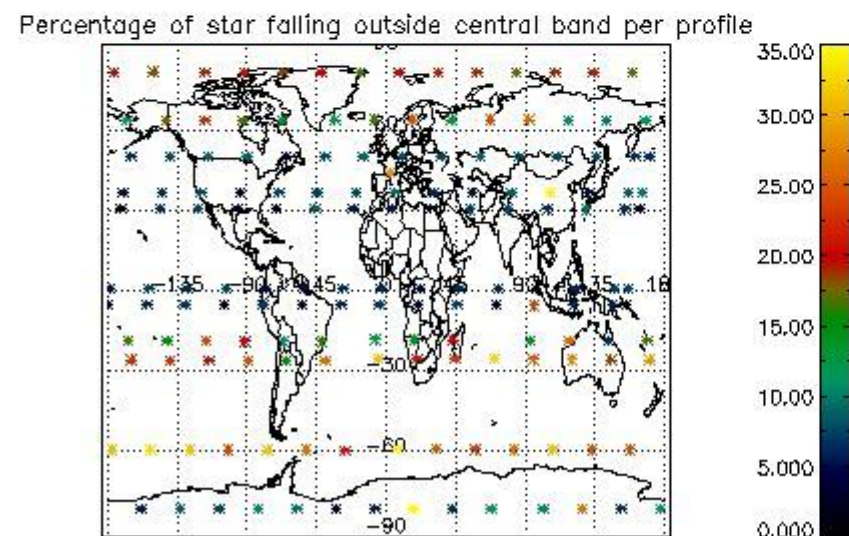
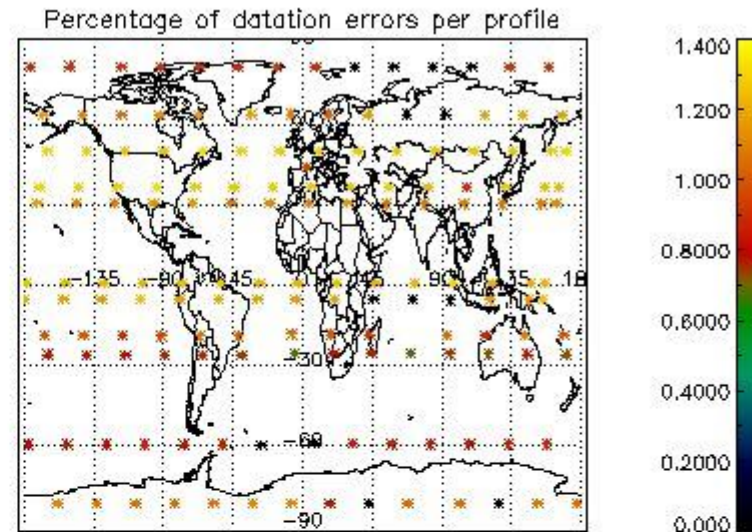
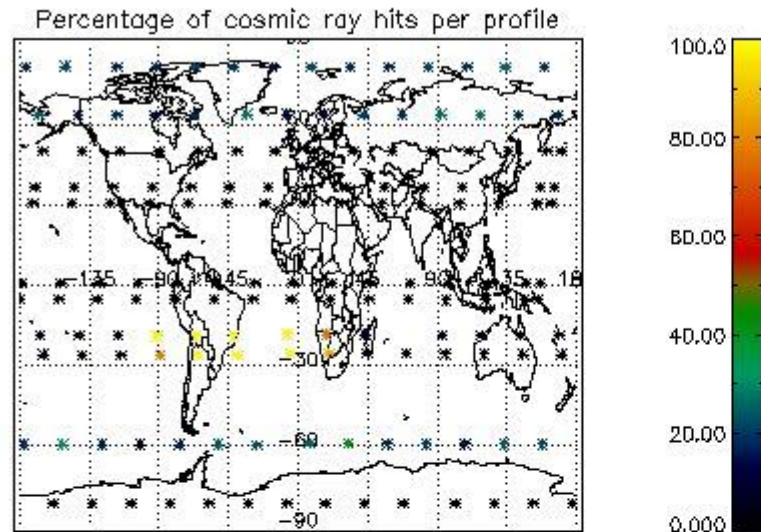


At least one measurement with demodulation flag set:	43.3962 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	55.9748 %

5.2 Plot quality information per product (time dependant)



5.3 Plot quality information per product (world map)



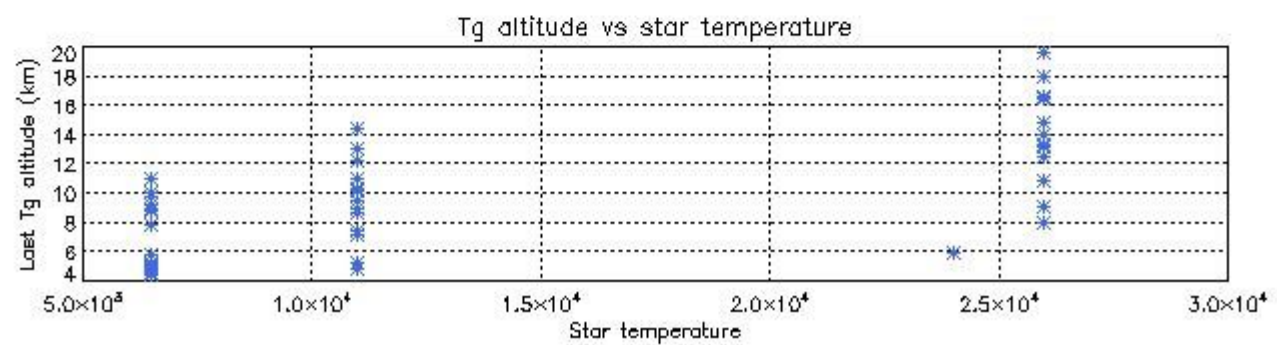
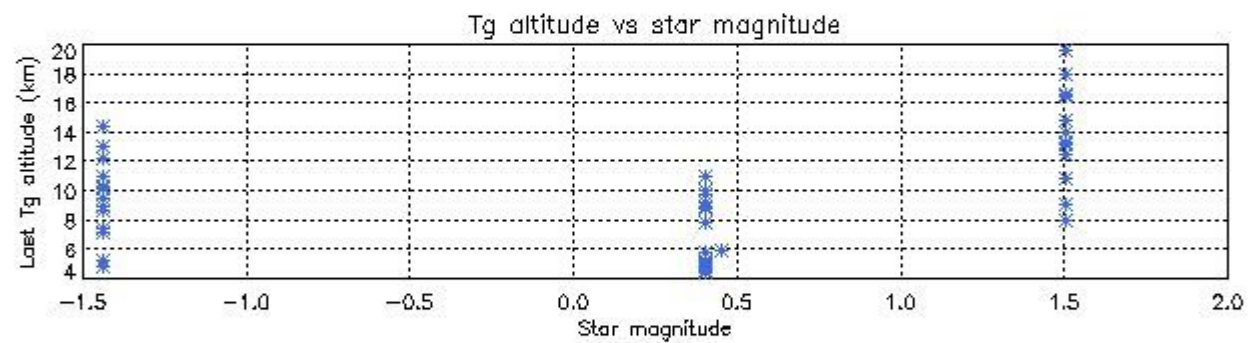
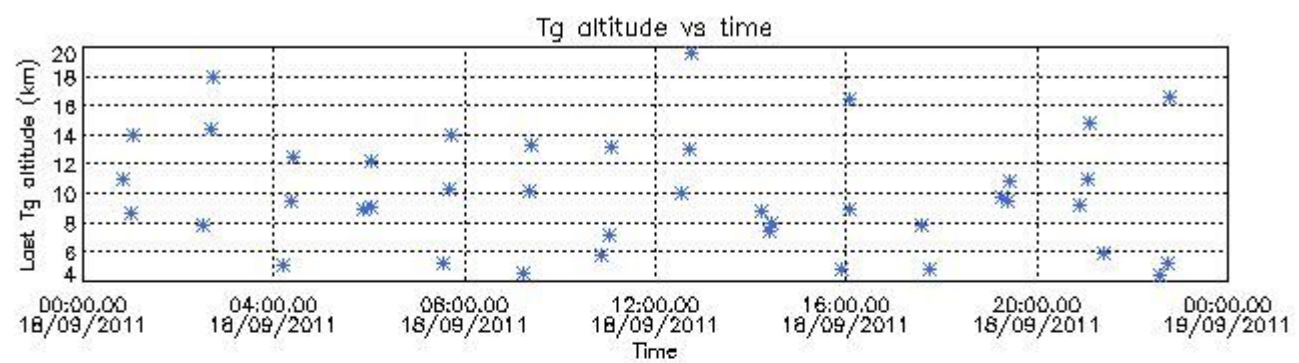
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	10.032	19.907	NaN
St. deviation:	3.8504	3.5222	NaN
Maximum:	19.537	26.423	NaN
Minimum:	4.4576	3.8494	NaN
Number of data:	42.000	89.000	NaN

### 6.2 Plot for DARK limb products

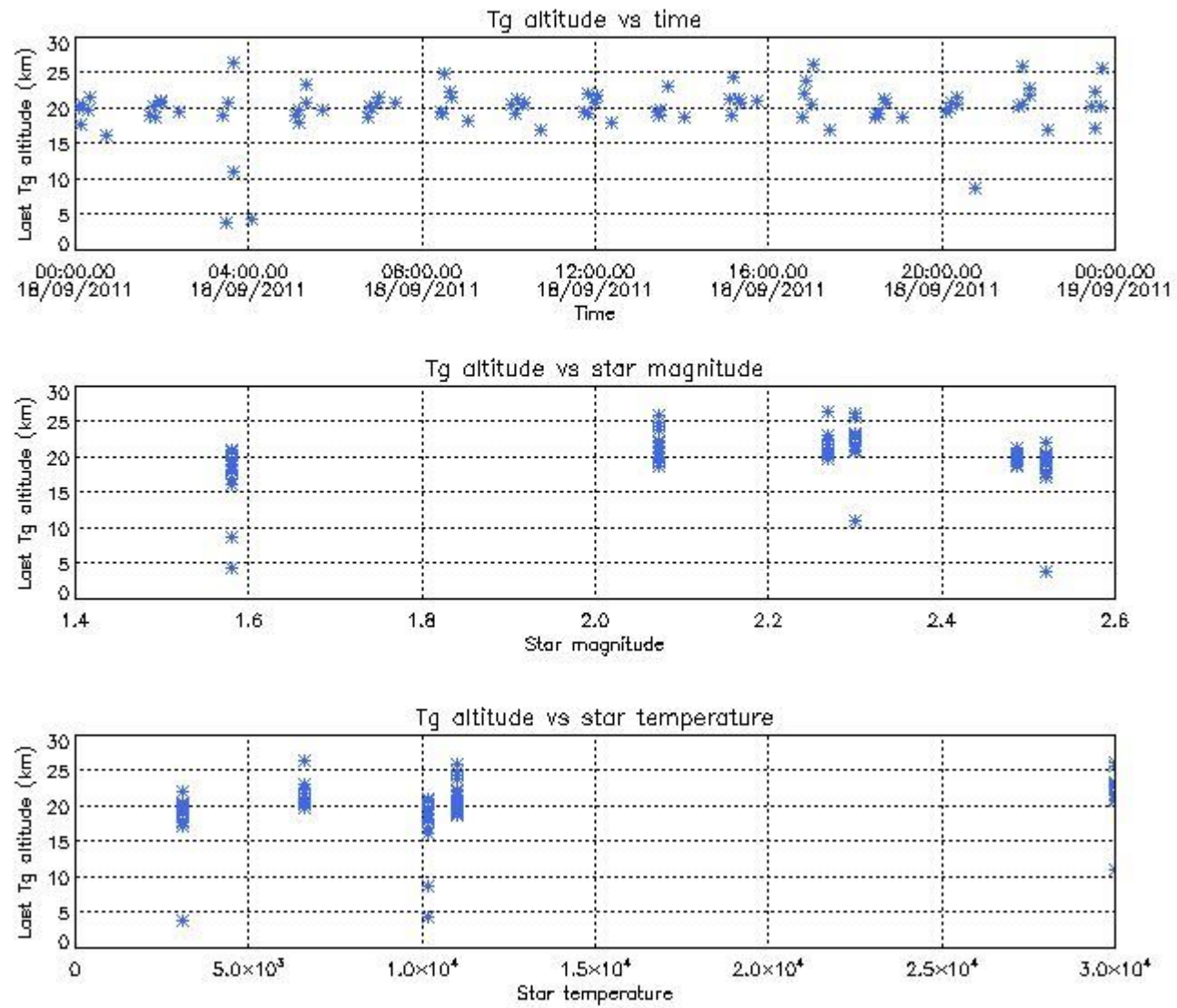
Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products



## Tangent altitude at which the star is lost

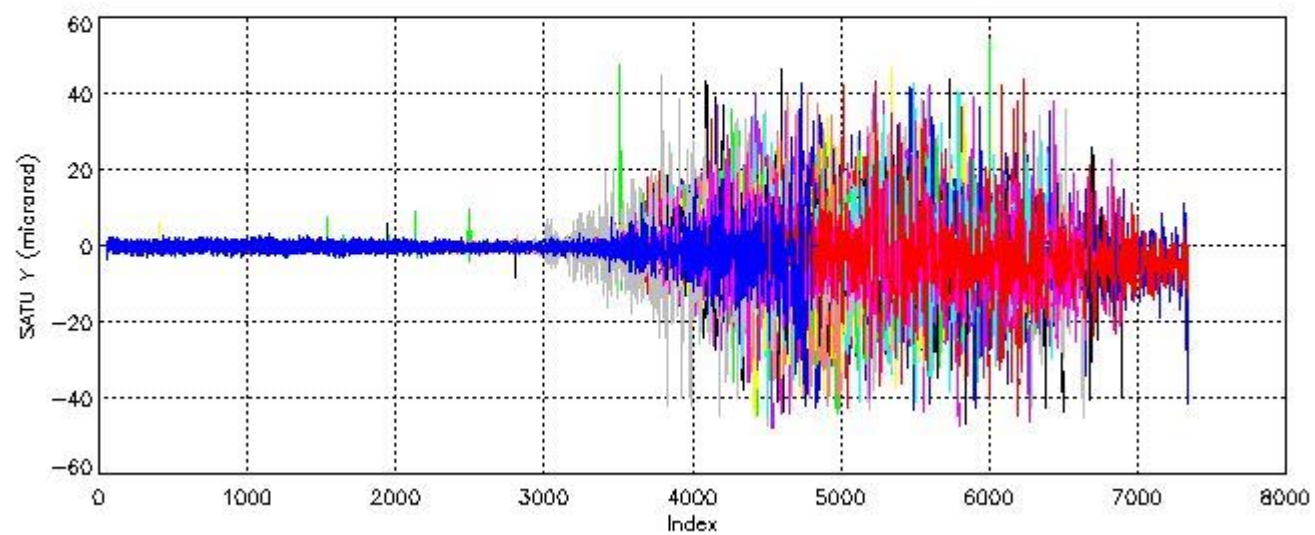
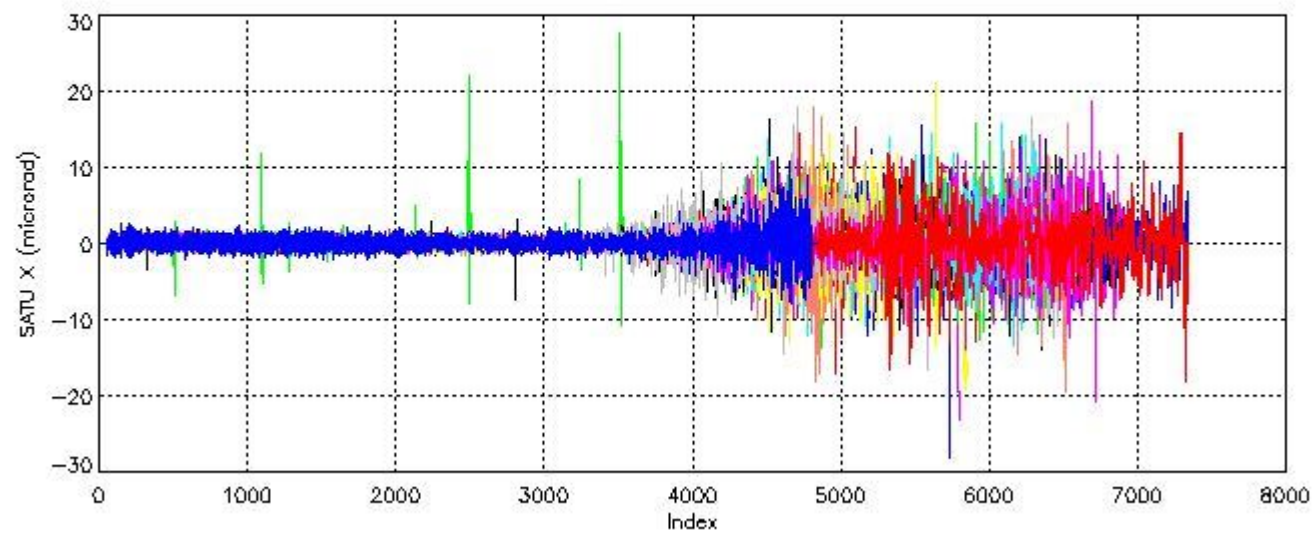


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.20827	-0.21989	0.22513	-0.25206
St. deviation:	0.26938	0.37558	0.70323	0.80035
Maximum:	11.900	5.8000	17.900	4.9000
Minimum:	-6.8000	-3.5000	-9.3000	-7.9000

Number of data:	48700.	48700.	88550.	88550.
90Percentile:	0.50000	0.20000	1.2000	0.80000

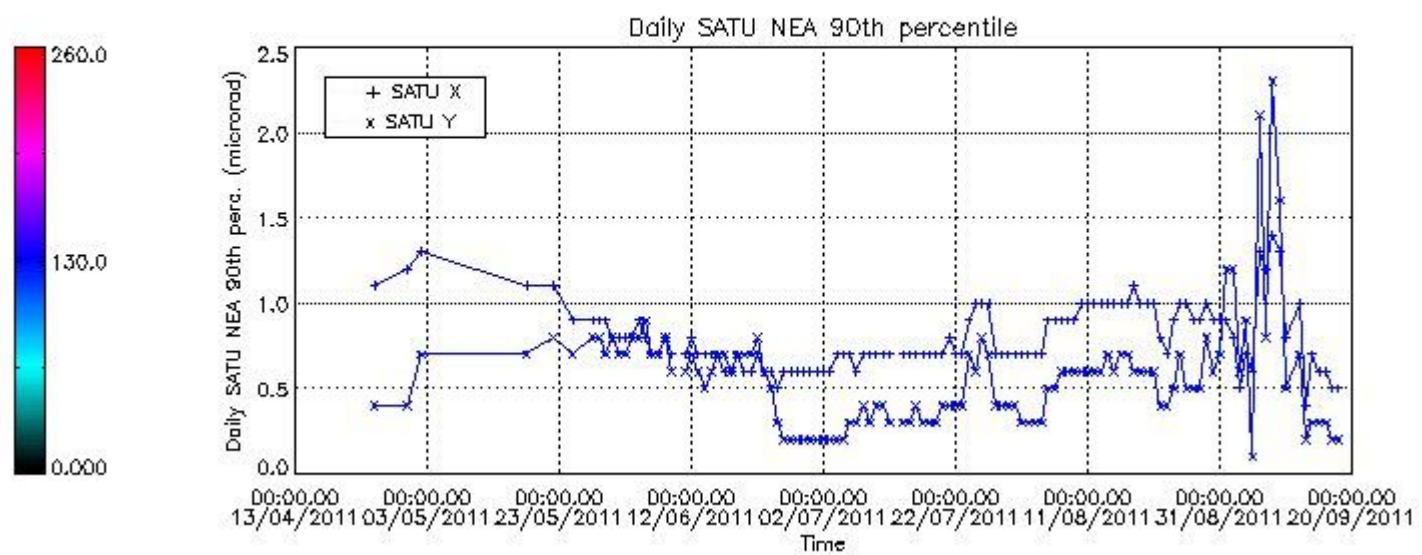
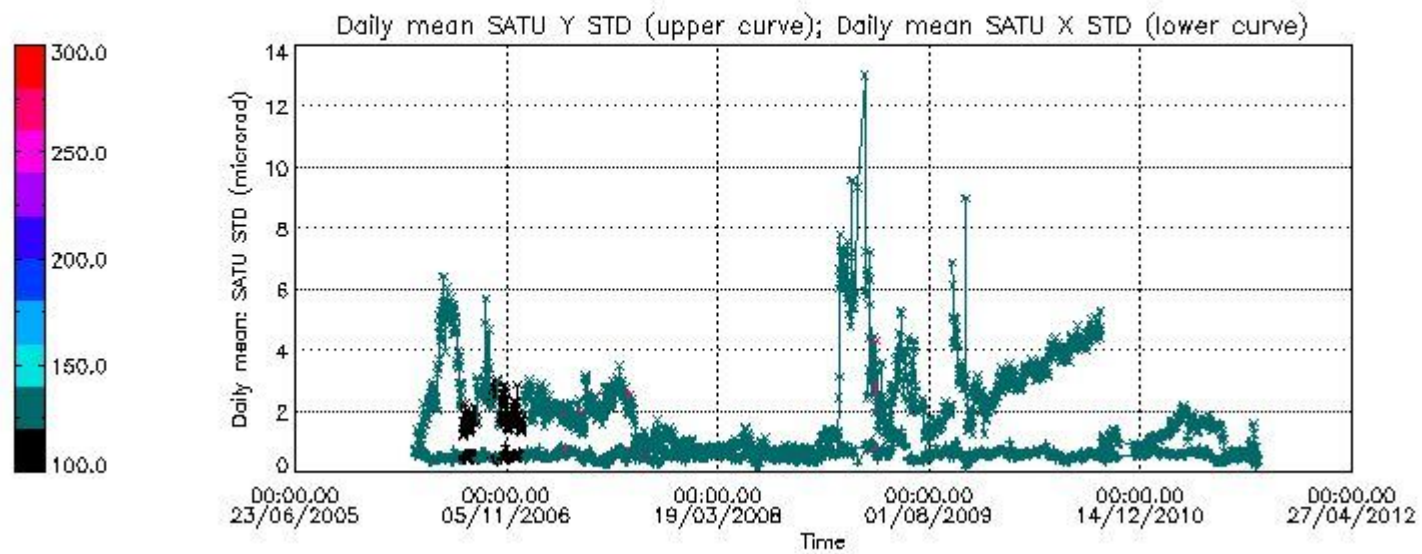
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb) and of daily SATU NEA 90th percentile since May 2011

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

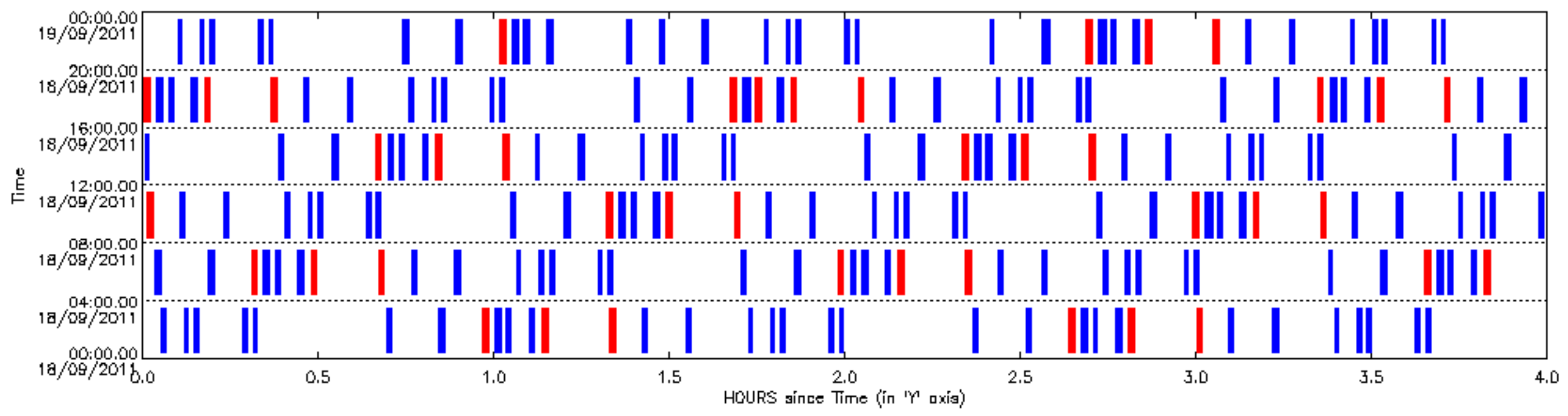


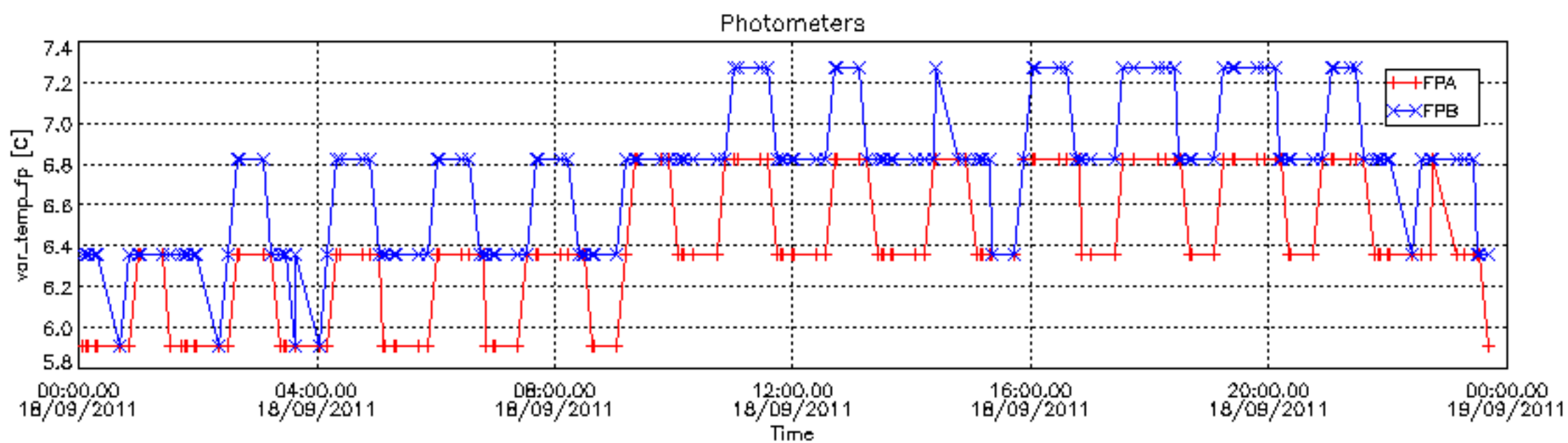
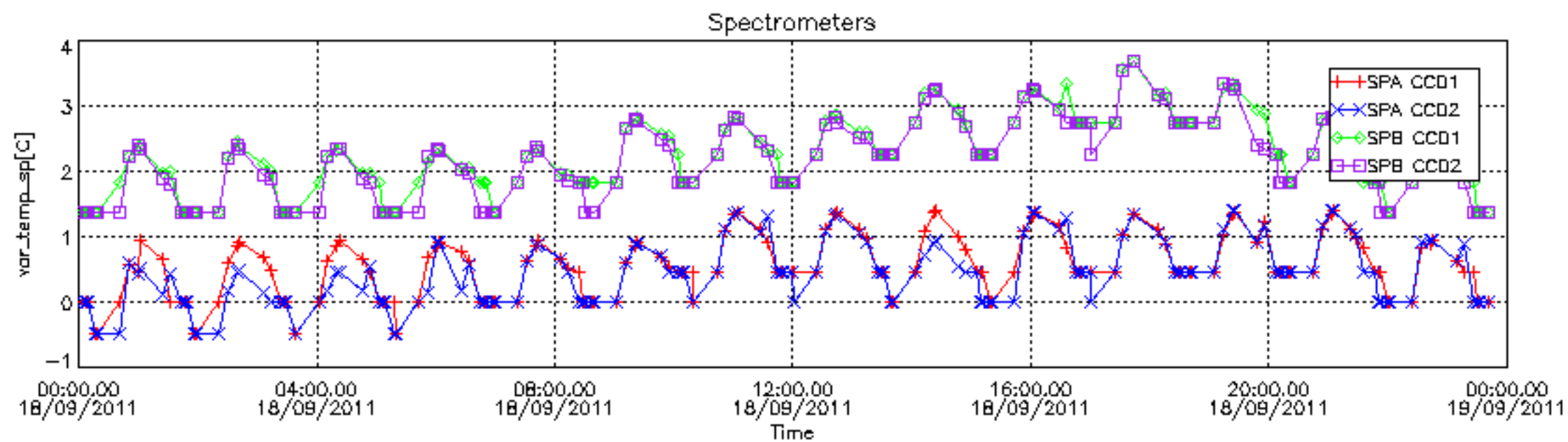
### 8. Auxiliary Data Files used for the production reported in section 2.4

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.

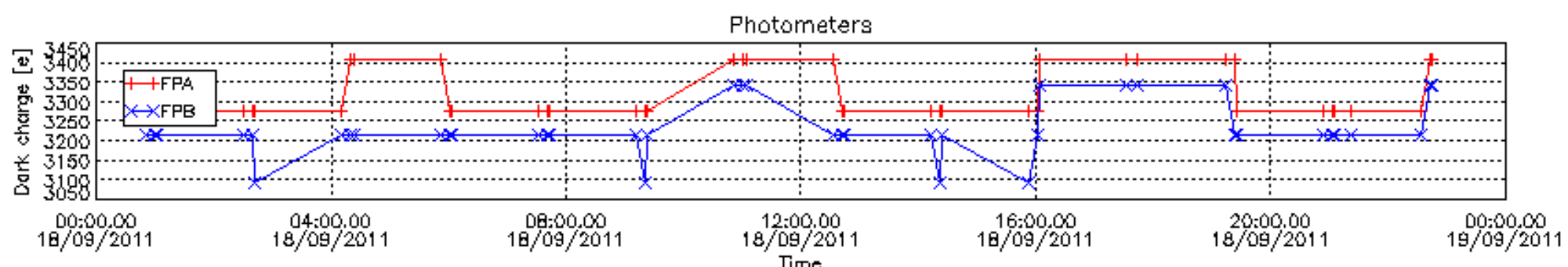
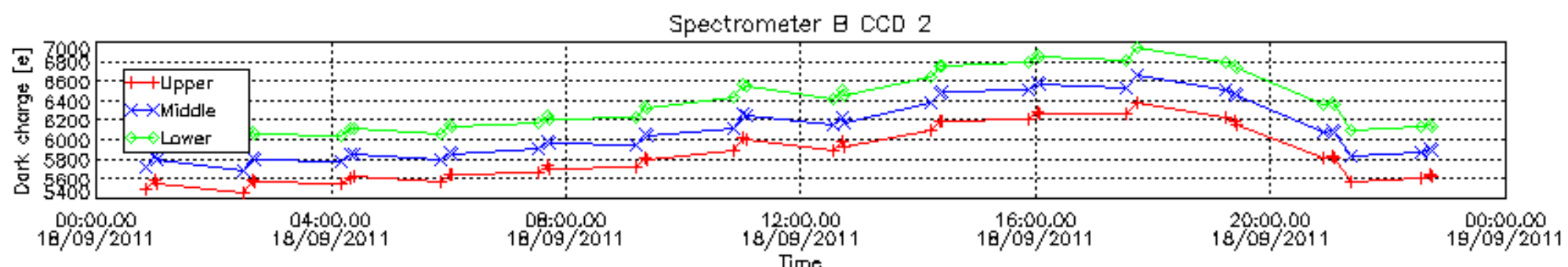
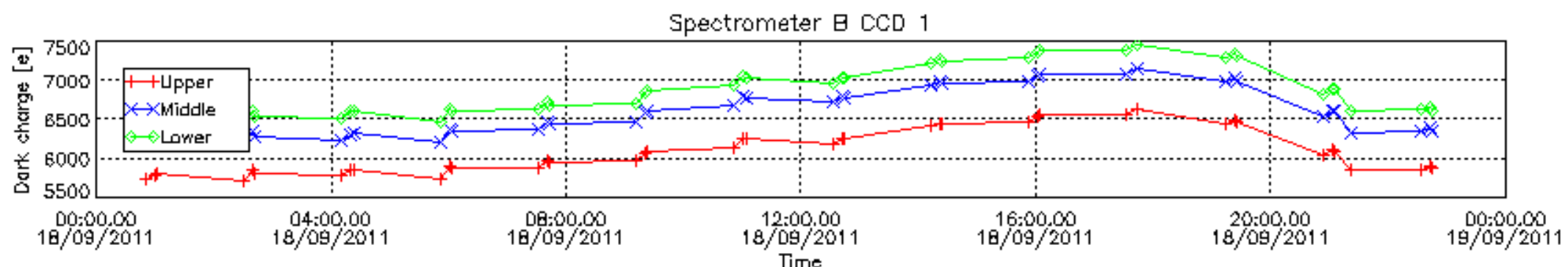
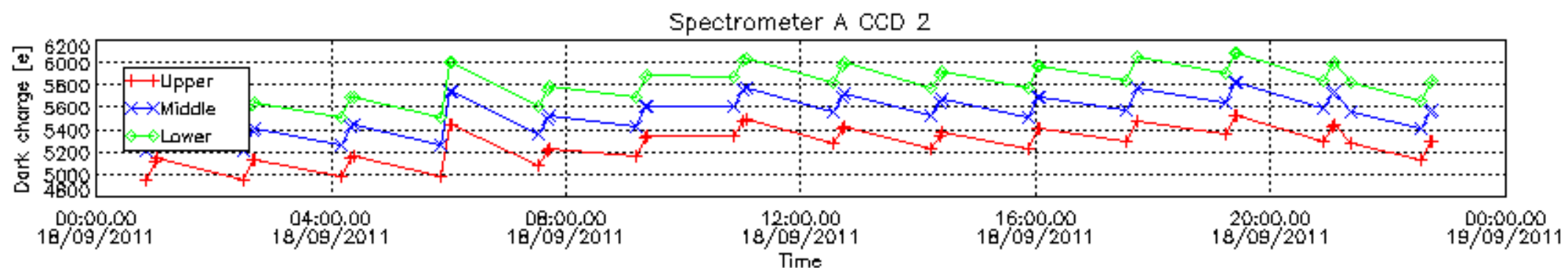
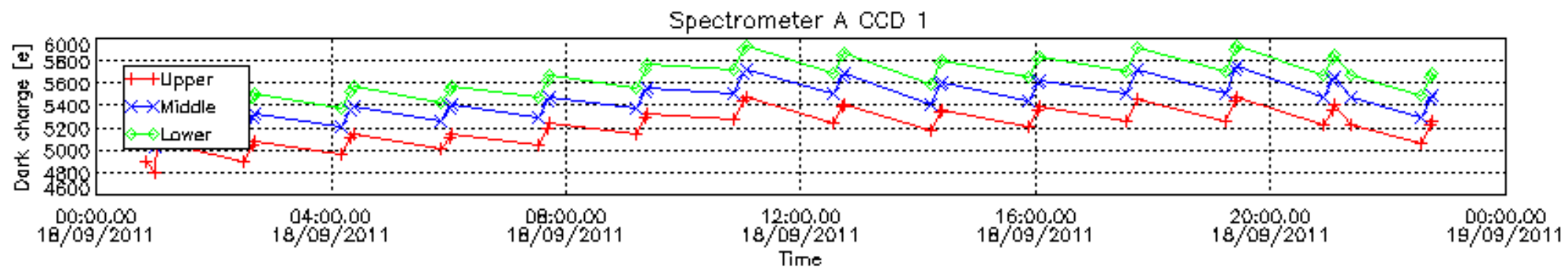


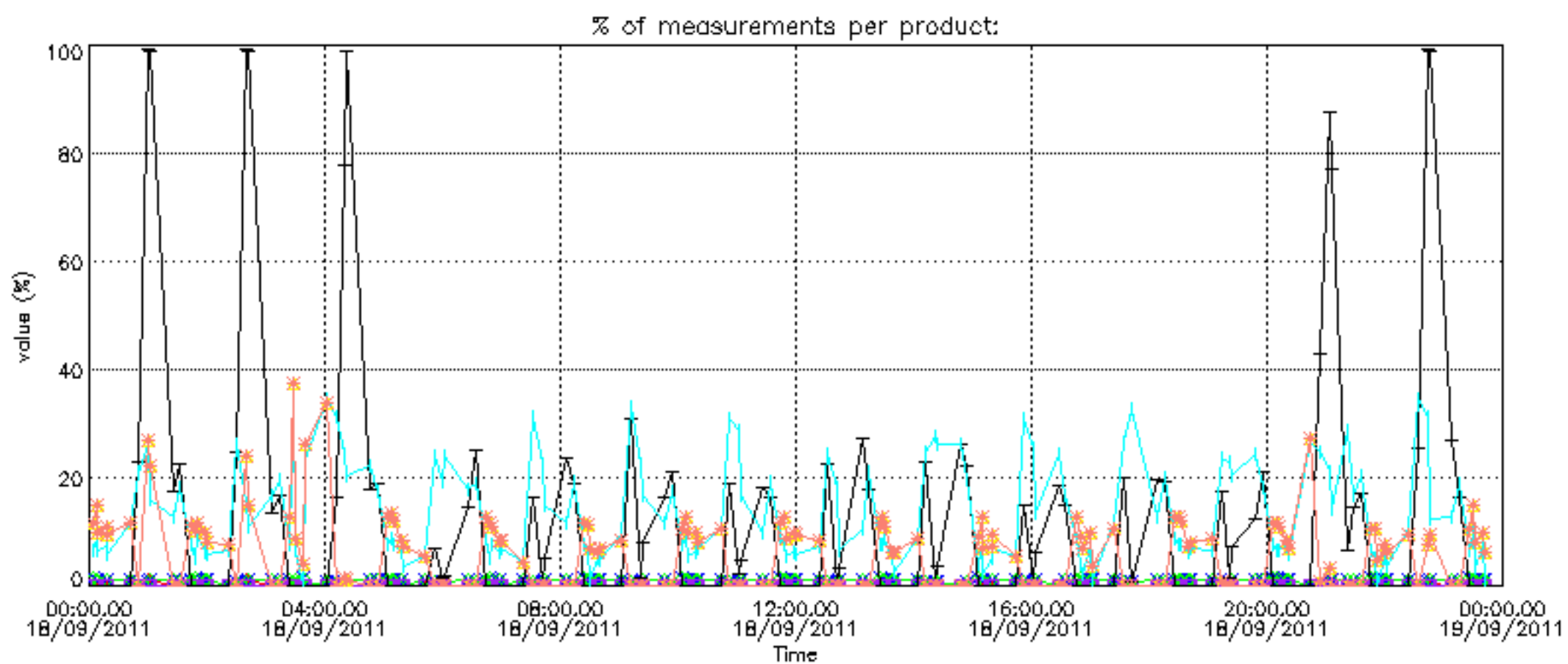
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-SEP-2011 00:03:13
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20110915_075659_20110914_000000_20500101_000000	1	18-SEP-2011 00:03:13
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20110513_081743_20020301_000000_20500101_000000	1	18-SEP-2011 00:03:13
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	18-SEP-2011 00:03:13
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	18-SEP-2011 00:03:13
ECMWF_FILE	AUX_ECF_AXNECM20110917_062115_20110917_210000_20110918_090000	1	18-SEP-2011 00:03:13
ECMWF_FILE	AUX_ECF_AXNECM20110917_182113_20110918_030000_20110918_150000	28	18-SEP-2011 04:02:06
ECMWF_FILE	AUX_ECA_AXNECM20110918_062114_20110917_210000_20110918_090000	39	18-SEP-2011 05:42:20
ECMWF_FILE	AUX_ECF_AXNECM20110917_182113_20110918_030000_20110918_150000	56	18-SEP-2011 08:24:23
ECMWF_FILE	AUX_ECF_AXNECM20110918_062114_20110918_090000_20110918_210000	67	18-SEP-2011 10:04:36
ECMWF_FILE	AUX_ECF_AXNECM20110918_062115_20110918_150000_20110919_030000	110	18-SEP-2011 16:34:57
ECMWF_FILE	AUX_ECA_AXNECM20110918_182115_20110918_090000_20110918_210000	119	18-SEP-2011 18:07:47
ECMWF_FILE	AUX_ECF_AXNECM20110918_062115_20110918_150000_20110919_030000	138	18-SEP-2011 20:53:31
ECMWF_FILE	AUX_ECF_AXNECM20110918_062115_20110918_210000_20110919_090000	151	18-SEP-2011 22:43:22
OPTIONAL_ECMWF_FILE	MISSING	1	18-SEP-2011 00:03:13
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20110917_102114_20110916_190316_20110926_211700	1	18-SEP-2011 00:03:13



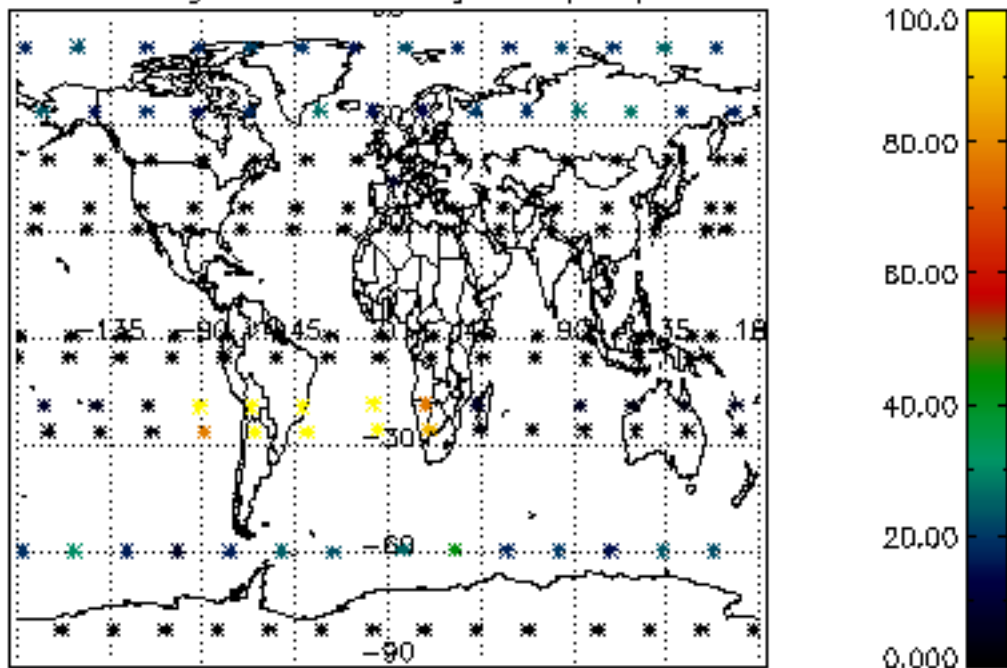




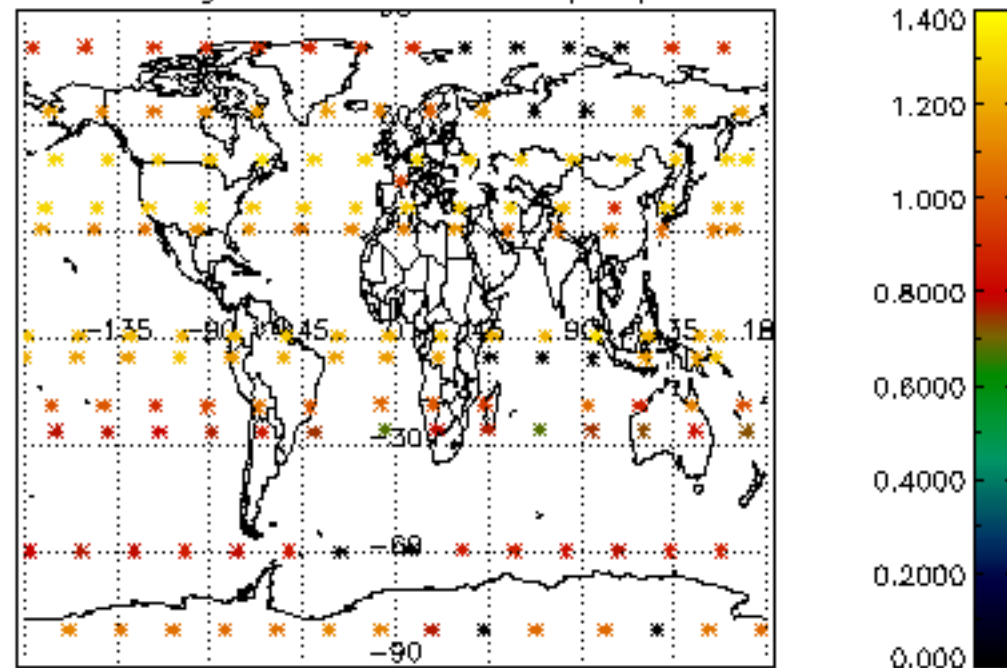




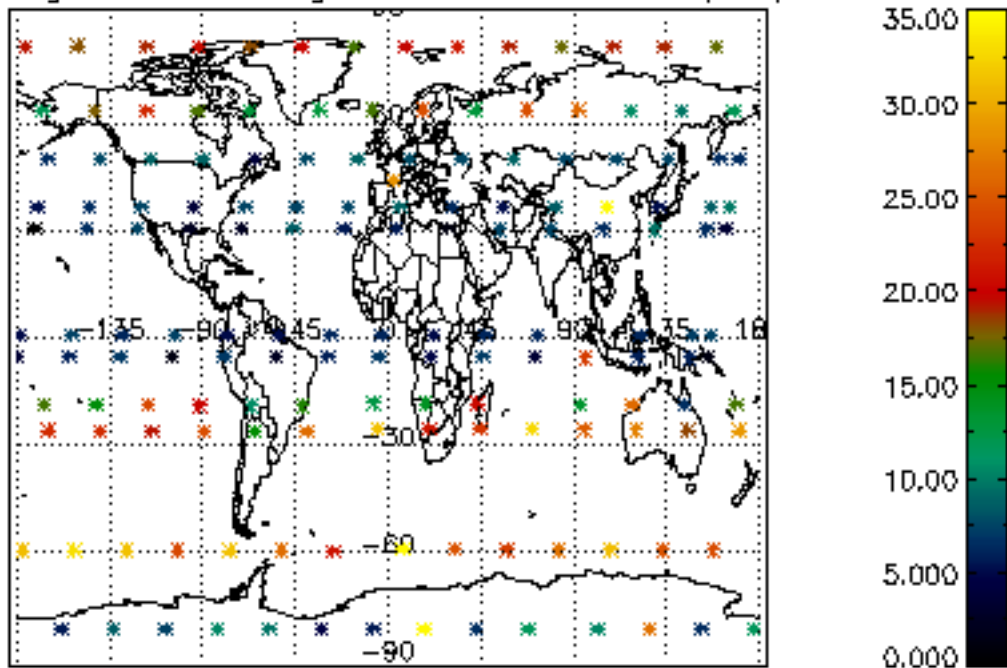
Percentage of cosmic ray hits per profile



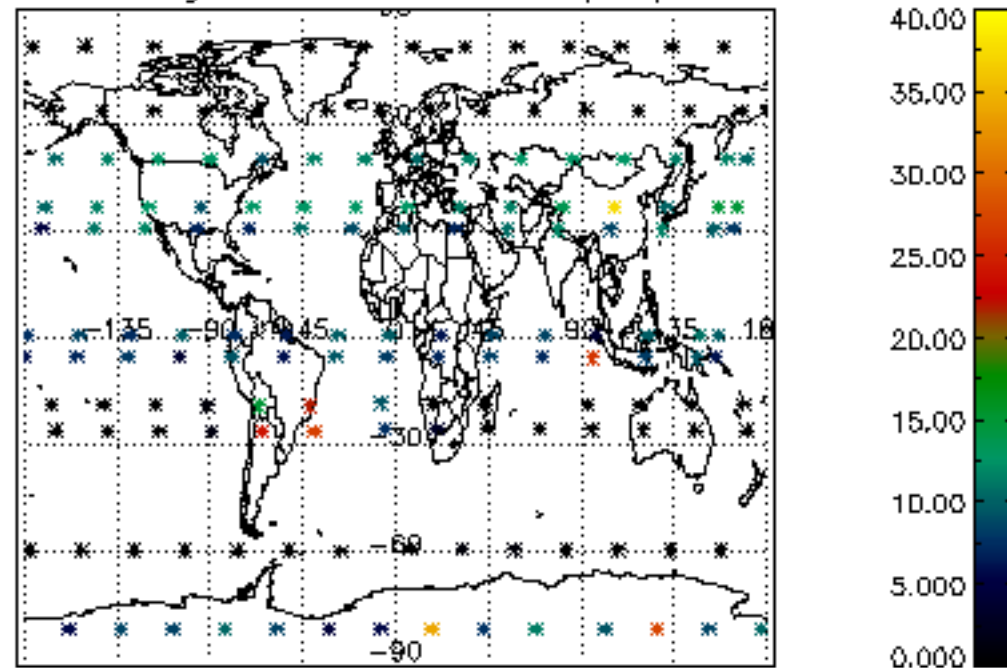
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

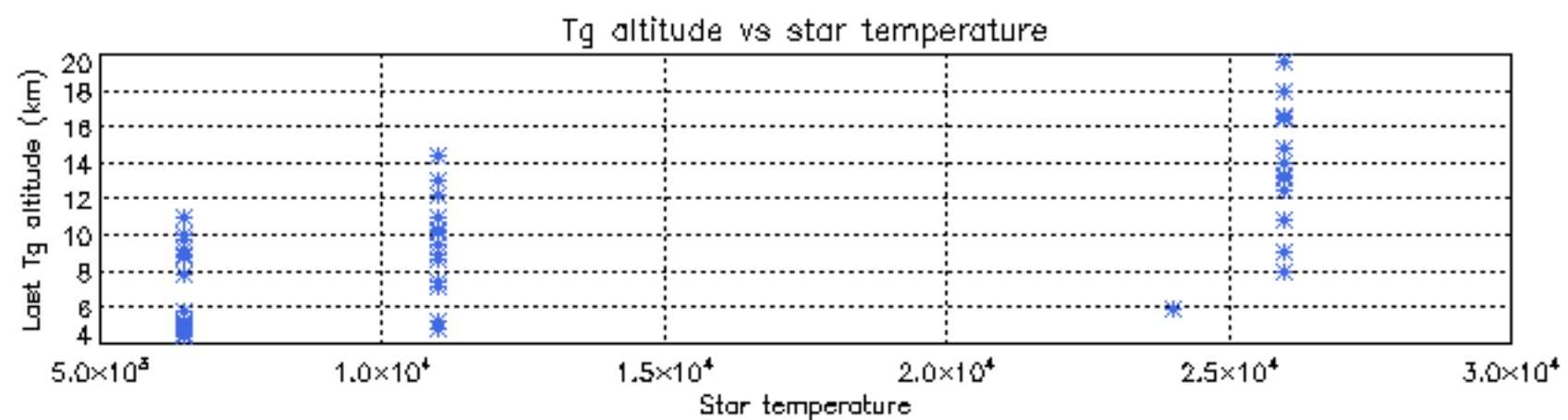
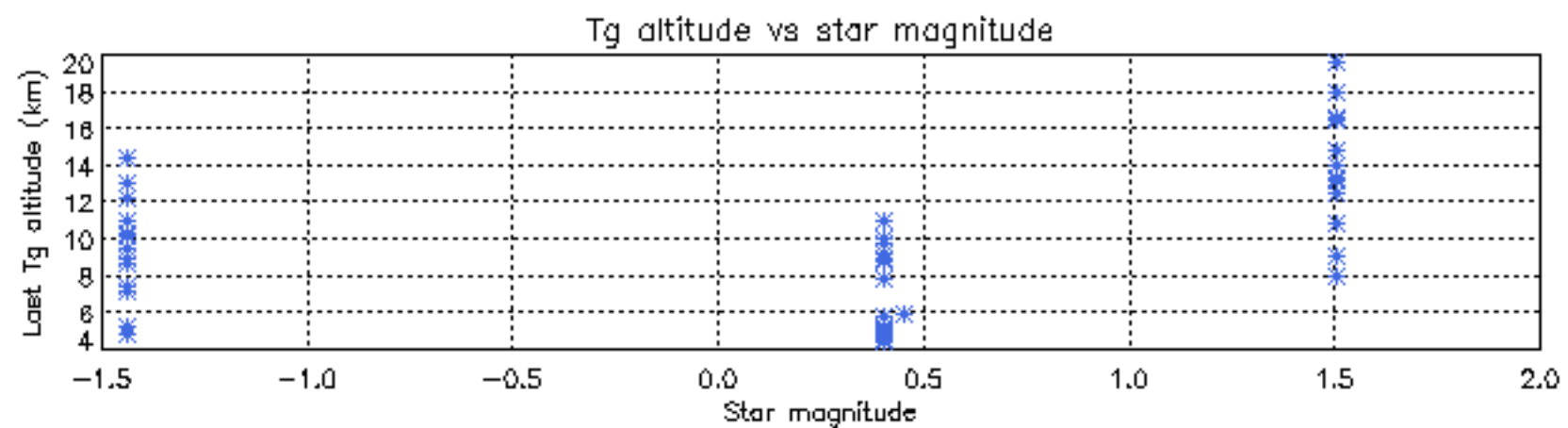
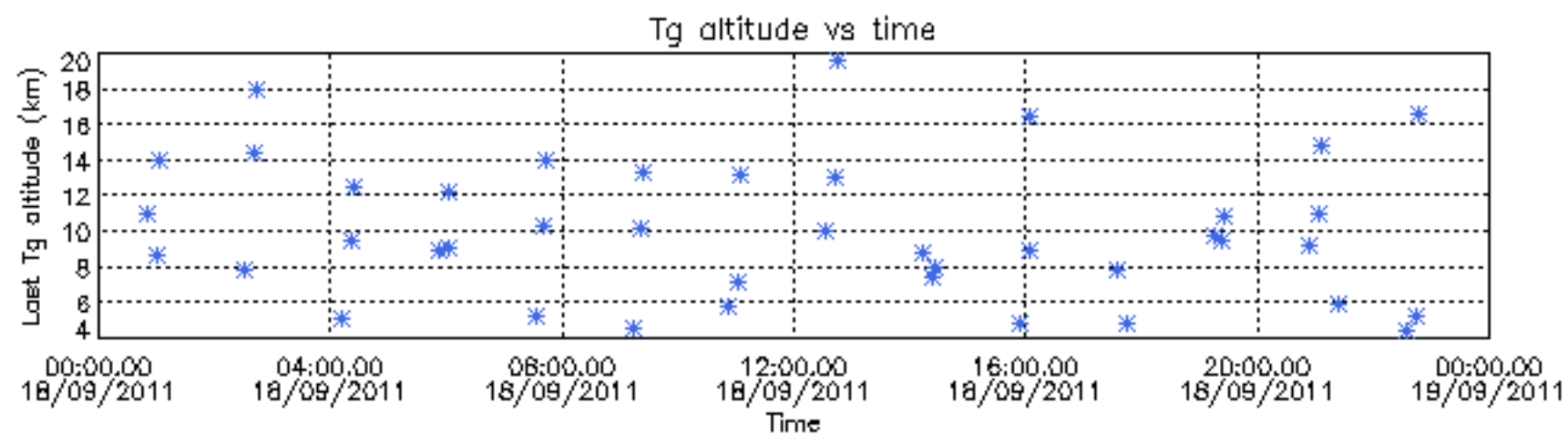


Percentage of saturation errors per profile

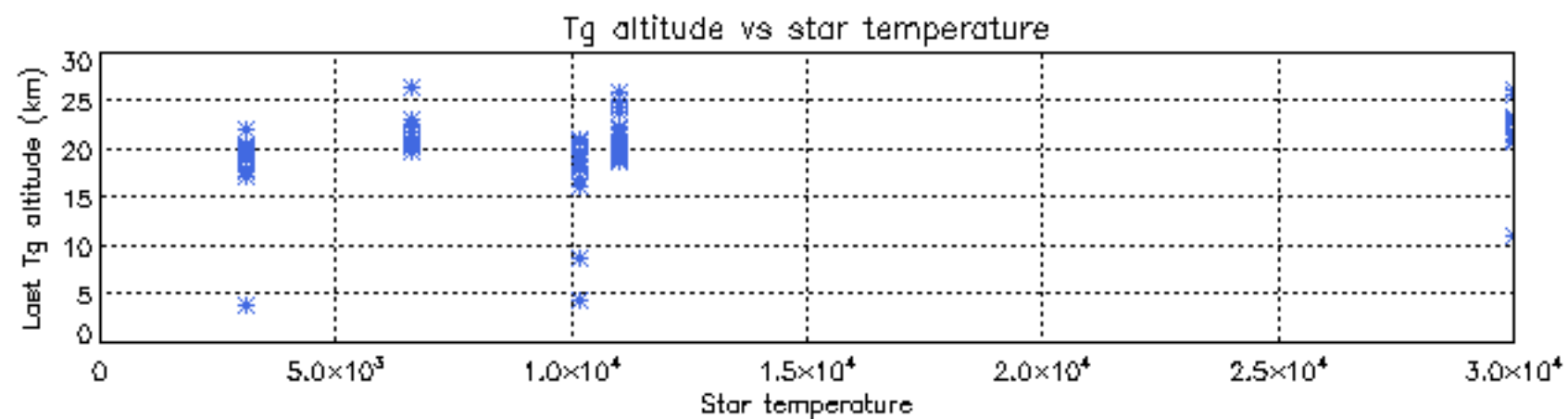
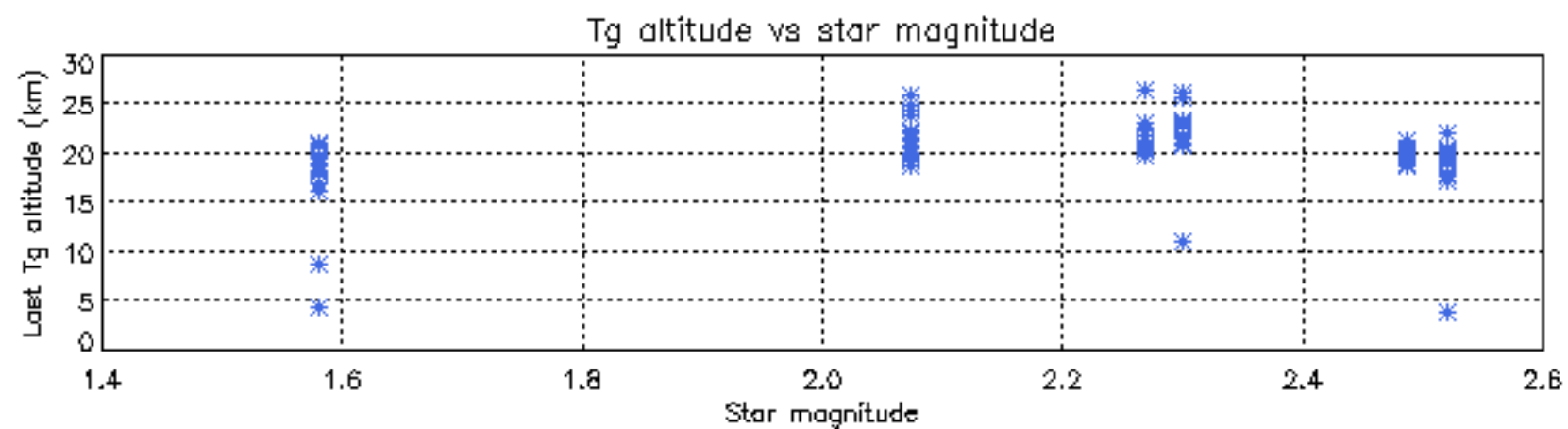
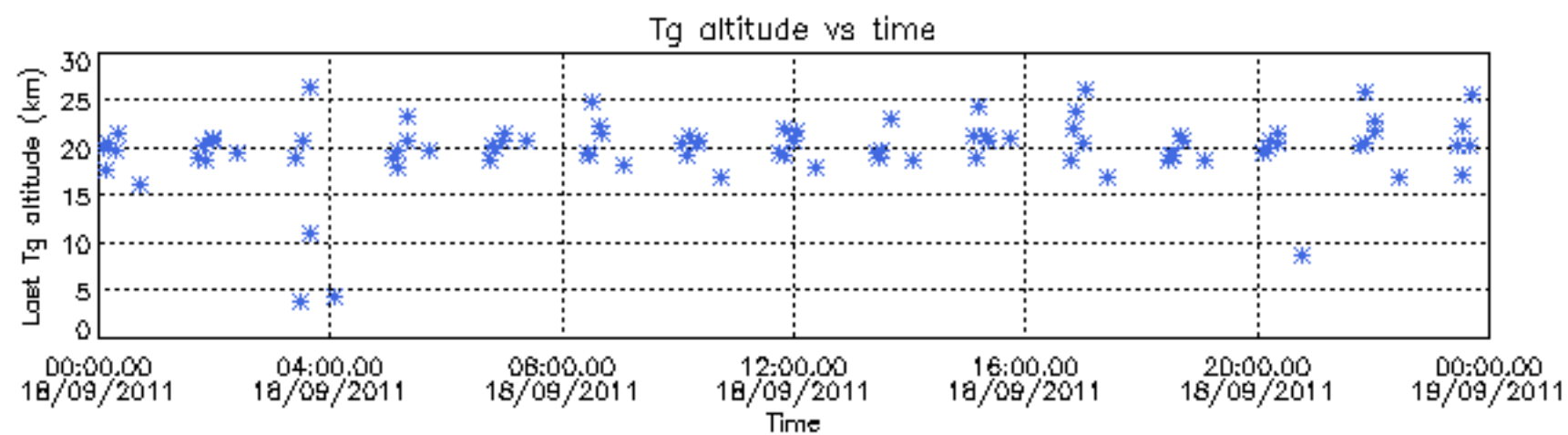


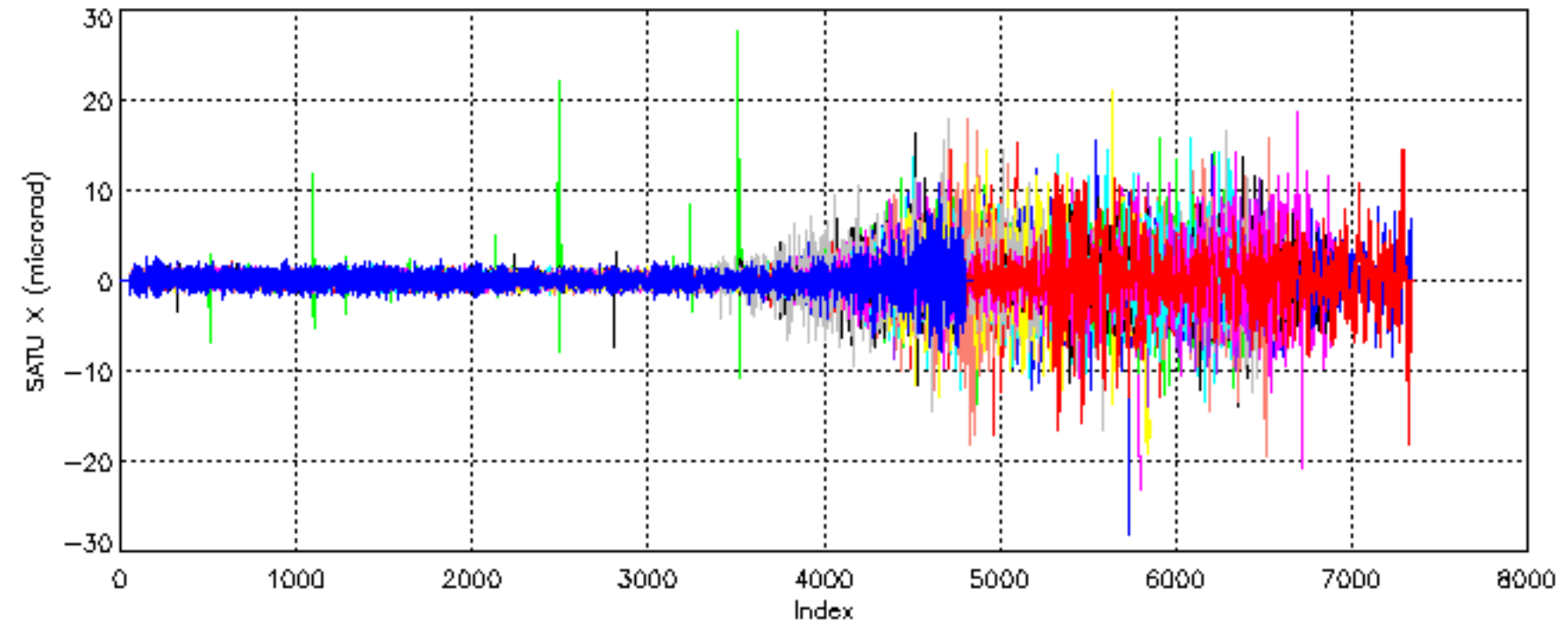


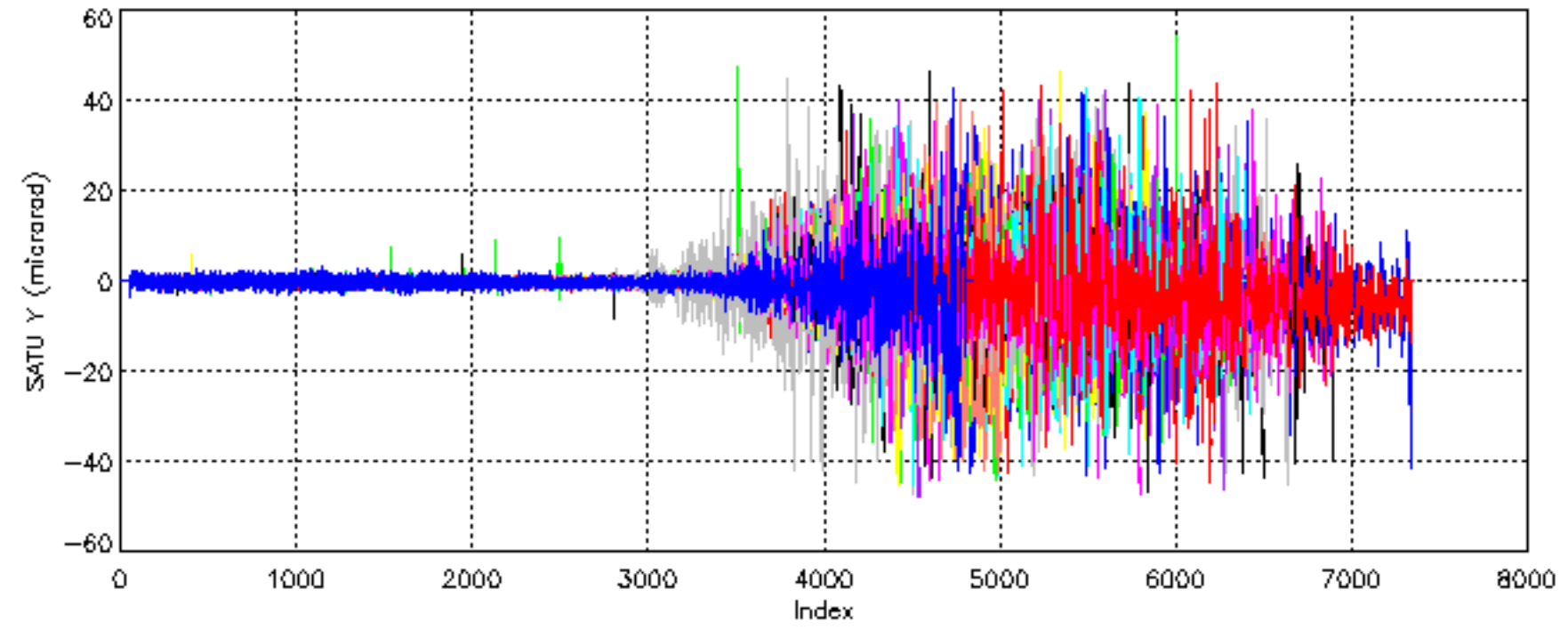
Tangent altitude at which the star is lost



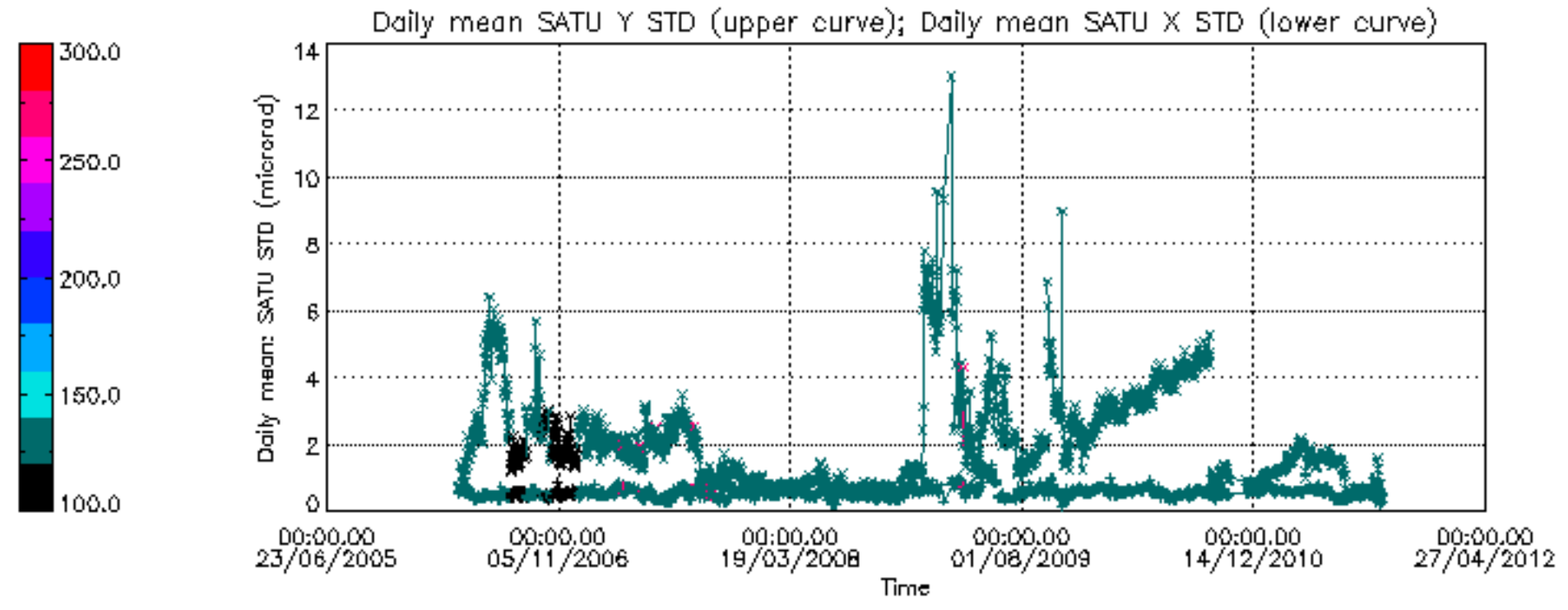
Tangent altitude at which the star is lost

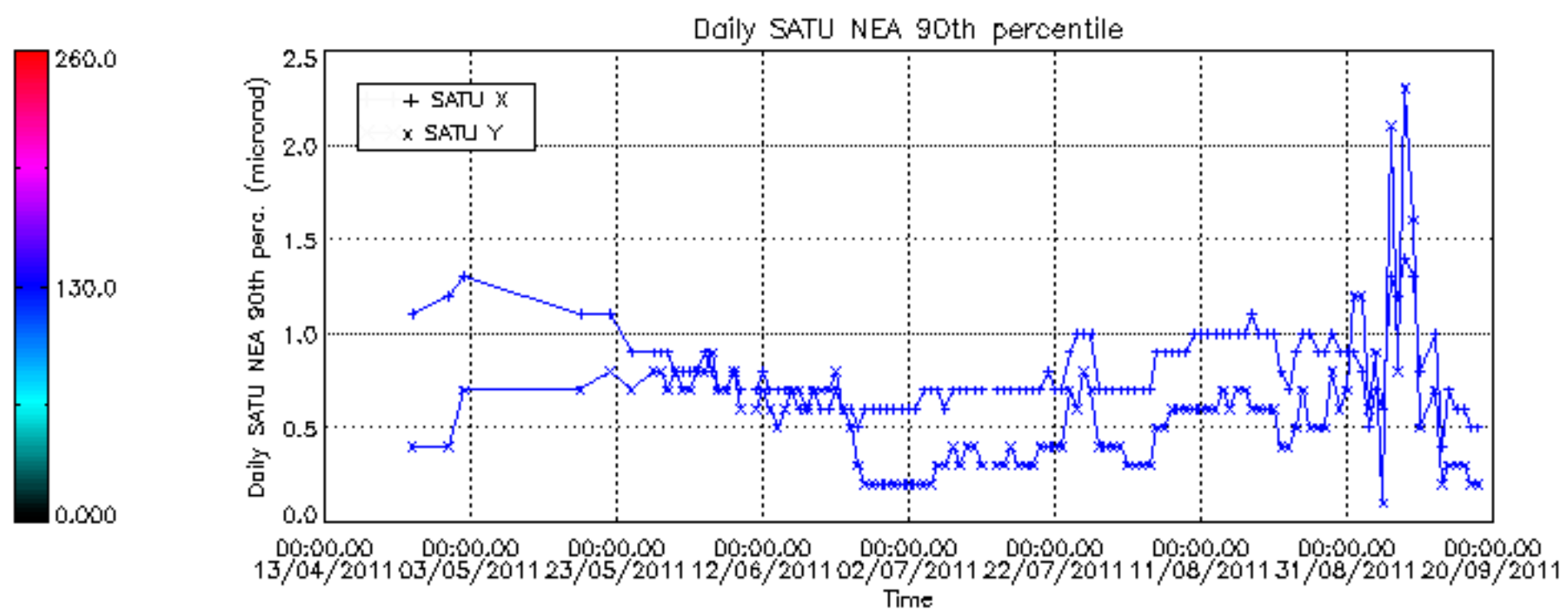












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3; 4495.1; 01-SEP-2011 02:45:35; Bright; 36.5; 17; 78Bet Gem ; 1.16; 4500;occ; 73; 0;49701  
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4; 1326.8; 01-SEP-2011 21:55:34; Dark ; 51.5; 18; 24Alp PsA ; 1.17; 9700;occ; 103; 0;49713  
5; 1883.3; 01-SEP-2011 22:04:51; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;49713

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3; 969.5; 02-SEP-2011 01:10:05; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 0;49715  
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3; 1327.9; 02-SEP-2011 04:36:31; Dark ; 48.5; 18; 24Alp PsA ; 1.17; 9700;occ; 97; 0;49717  
4; 1883.2; 02-SEP-2011 04:45:46; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;49717  
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3; 972.8; 02-SEP-2011 11:11:32; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;49721
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3; 4902.7; 02-SEP-2011 12:17:02; Dark ; 47.5; 8; 10Alp CMI ; 0.40; 6500;occ; 95; 0;49721
4; 5451.6; 02-SEP-2011 12:26:11; Dark ; 51.0; 47; 2Bet CMA ; 1.98; 28000;occ; 102; 0;49721
5; 6987.3; 02-SEP-2011 12:51:46; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;49722
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3; 5373.4; 02-SEP-2011 17:25:34; Dark ; 51.0; 1; 9Alp CMA ; -1.44; 11000;occ; 102; 0;49724
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3; 5370.0; 02-SEP-2011 09:04:21; Dark ; 50.5; 1; 9Alp CMA ; -1.44; 11000;occ; 101; 0;49719
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3; 3101.7; 02-SEP-2011 18:27:57; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;49725
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5; 4904.1; 02-SEP-2011 18:57:59; Dark ; 47.5; 8; 10Alp CMI ; 0.40; 6500;occ; 95; 0;49725
6; 5374.0; 02-SEP-2011 19:05:49; Dark ; 52.0; 1; 9Alp CMA ; -1.44; 11000;occ; 104; 0;49725
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3; 3101.1; 02-SEP-2011 20:08:10; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;49726
4; 4784.4; 02-SEP-2011 20:36:13; Dark ; 54.5; 44; 24Gam Gem ; 1.93; 11000;occ; 109; 0;49726
5; 4904.4; 02-SEP-2011 20:38:13; Dark ; 45.0; 8; 10Alp CMI ; 0.40; 6500;occ; 90; 0;49726
6; 5374.7; 02-SEP-2011 20:46:04; Dark ; 50.5; 1; 9Alp CMA ; -1.44; 11000;occ; 101; 0;49726
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3; 1330.9; 03-SEP-2011 00:39:22; Dark ; 25.0; 18; 24Alp PsA ; 1.17; 9700;occ; 50; 0;49729
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3; 1331.1; 03-SEP-2011 02:19:36; Dark ; 46.0; 18; 24Alp PsA ; 1.17; 9700;occ; 92; 0;49730

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3; 1883.5; 03-SEP-2011 20:51:22; Bright; 39.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 79; 0;49741
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3; 984.2; 03-SEP-2011 22:16:37; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;49742
4; 1334.4; 03-SEP-2011 22:22:27; Dark ; 44.0; 18; 24Alp PsA ; 1.17; 9700;occ; 88; 0;49742
5; 1883.4; 03-SEP-2011 22:31:36; Bright; 39.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 79; 0;49742
6; 3091.7; 03-SEP-2011 22:51:44; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;49742
7; 4909.9; 03-SEP-2011 23:22:02; Dark ; 47.5; 8; 10Alp CMi ; 0.40; 6500;occ; 95; 0;49742
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4; 5541.5; 03-SEP-2011 13:31:10; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;49736
5; 6995.5; 03-SEP-2011 13:55:24; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;49737
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5; 982.2; 03-SEP-2011 15:35:39; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;49738
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3; 5383.7; 03-SEP-2011 18:29:14; Dark ; 49.5; 1; 9Alp CMA ; -1.44; 11000;occ; 99; 0;49739
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7; 5595.0; 09-SEP-2011 09:51:36; Dark ; 45.0; 23; 21Eps CMA ; 1.50; 26000;occ; 90; 0;49820
8; 5723.0; 09-SEP-2011 09:53:44; Dark ; 46.0; 177; 1Zet CMA ; 3.02; 26000;occ; 92; 0;49820
9; 5814.3; 09-SEP-2011 09:55:16; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49820
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11; 6605.8; 09-SEP-2011 10:08:27; Dark ; 40.5; 143; Alp Hyi ; 2.86; 7200;occ; 81; 0;49821
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2; 2436.7; 09-SEP-2011 10:39:12; Bright; 38.0; 164; 44Eta Peg ; 2.95; 5400;occ; 76; 0;49821
3; 3048.5; 09-SEP-2011 10:49:24; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;49821
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7; 5723.9; 09-SEP-2011 11:33:59; Dark ; 45.5; 177; 1Zet CMA ; 3.02; 26000;occ; 91; 0;49821
8; 5815.1; 09-SEP-2011 11:35:30; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49821

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11; 5599.4; 09-SEP-2011 19:53:05; Dark ; 46.0; 23; 21Eps CMA ; 1.50; 26000;occ; 92; 0;49826
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4; 2181.2; 10-SEP-2011 01:37:02; Bright; 42.0; 90; 54Alp Peg ; 2.49; 11000;occ; 84; 0;49830
5; 2434.2; 10-SEP-2011 01:41:15; Bright; 39.5; 164; 44Eta Peg ; 2.95; 5400;occ; 79; 0;49830
6; 3043.6; 10-SEP-2011 01:51:25; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;49830
7; 3158.4; 10-SEP-2011 01:53:19; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;49830
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3; 3024.1; 12-SEP-2011 20:40:24; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;49870
4; 3134.6; 12-SEP-2011 20:42:15; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;49870
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3; -382.1; 12-SEP-2011 21:23:52; Dark ; 45.5; 23; 21Eps CMA ; 1.50; 26000;occ; 91; 0;49870
4; -242.7; 12-SEP-2011 21:26:11; Dark ; 46.0; 177; 1Zet CMA ; 3.02; 26000;occ; 92; 0;49870
5; -156.8; 12-SEP-2011 21:27:37; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49870
6; 700.7; 12-SEP-2011 21:41:55; Dark ; 52.0; 9; Alp Eri ; 0.45; 24000;occ; 104; 0;49871
7; 1046.0; 12-SEP-2011 21:47:40; Dark ; 47.0; 84; Alp Phe ; 2.40; 4500;occ; 94; 0;49871
8; 2171.5; 12-SEP-2011 22:06:26; Bright; 41.0; 90; 54Alp Peg ; 2.49; 11000;occ; 82; 0;49871
9; 2405.3; 12-SEP-2011 22:10:19; Bright; 41.5; 93; 53Bet Peg ; 2.52; 3100;occ; 83; 0;49871
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11; 3134.0; 12-SEP-2011 22:22:28; Bright; 44.5; 76; 27Gam Cas ; 2.30; 30000;occ; 89; 0;49871
12; 4454.7; 12-SEP-2011 22:44:29; Bright; 61.0; 24; 66Alp Gem ; 1.58; 10200;occ; 122; 0;49871
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6; 2171.4; 12-SEP-2011 23:46:39; Bright; 40.0; 90; 54Alp Peg ; 2.49; 11000;occ; 80; 0;49872
7; 2405.1; 12-SEP-2011 23:50:33; Bright; 42.5; 93; 53Bet Peg ; 2.52; 3100;occ; 85; 0;49872
8; 3023.1; 13-SEP-2011 00:00:51; Bright; 37.5; 74; 11Bet Cas ; 2.27; 6600;occ; 75; 0;49872
9; 3133.4; 13-SEP-2011 00:02:41; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;49872
10; 4454.8; 13-SEP-2011 00:24:43; Bright; 62.0; 24; 66Alp Gem ; 1.58; 10200;occ; 124; 0;49872
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3; 2397.8; 14-SEP-2011 20:56:43; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;49899
4; 3011.0; 14-SEP-2011 21:06:56; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;49899
5; 3118.1; 14-SEP-2011 21:08:43; Bright; 43.5; 76; 27Gam Cas ; 2.30; 30000;occ; 87; 0;49899
6; 4458.6; 14-SEP-2011 21:31:04; Bright; 56.5; 24; 66Alp Gem ; 1.58; 10200;occ; 113; 0;49899
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3; 3014.2; 14-SEP-2011 09:25:21; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;49892
4; 3122.2; 14-SEP-2011 09:27:09; Bright; 44.0; 76; 27Gam Cas ; 2.30; 30000;occ; 88; 0;49892
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3; 3013.6; 14-SEP-2011 11:05:35; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;49893
4; 3121.6; 14-SEP-2011 11:07:23; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;49893
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5; 2166.3; 14-SEP-2011 22:33:05; Bright; 40.0; 90; 54Alp Peg ; 2.49; 11000;occ; 80; 0;49900
6; 2397.6; 14-SEP-2011 22:36:57; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;49900
7; 3010.5; 14-SEP-2011 22:47:10; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;49900
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5; 2166.1; 15-SEP-2011 00:13:19; Bright; 40.0; 90; 54Alp Peg ; 2.49; 11000;occ; 80; 0;49901
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3; 2398.1; 14-SEP-2011 19:16:29; Bright; 42.0; 93; 53Bet Peg ; 2.52; 3100;occ; 84; 0;49898
4; 3011.5; 14-SEP-2011 19:26:43; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;49898
5; 3118.7; 14-SEP-2011 19:28:30; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;49898
6; 4458.4; 14-SEP-2011 19:50:49; Bright; 43.5; 24; 66Alp Gem ; 1.58; 10200;occ; 87; 0;49898
7; 4977.2; 14-SEP-2011 19:59:28; Dark ; 53.5; 8; 10Alp CMI ; 0.40; 6500;occ; 107; 0;49898
8; 5520.7; 14-SEP-2011 20:08:32; Dark ; 64.0; 1; 9Alp CMA ; -1.44; 11000;occ; 128; 0;49898

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3; -472.9; 16-SEP-2011 03:53:17; Dark ; 59.0; 1; 9Alp CMA ; -1.44; 11000;occ; 118; 0;49917
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3; 2162.0; 16-SEP-2011 21:19:32; Bright; 39.5; 90; 54Alp Peg ; 2.49; 11000;occ; 79; 0;49928
4; 2391.0; 16-SEP-2011 21:23:21; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;49928
5; 2502.9; 16-SEP-2011 21:25:13; Bright; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;49928
6; 2998.4; 16-SEP-2011 21:33:28; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;49928
7; 3102.3; 16-SEP-2011 21:35:12; Bright; 43.0; 76; 27Gam Cas ; 2.30; 30000;occ; 86; 0;49928
8; 4462.3; 16-SEP-2011 21:57:52; Bright; 47.5; 24; 66Alp Gem ; 1.58; 10200;occ; 95; 0;49928
9; 4993.5; 16-SEP-2011 22:06:44; Dark ; 54.0; 8; 10Alp CMI ; 0.40; 6500;occ; 108; 0;49928
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4; 1069.8; 16-SEP-2011 22:41:34; Dark ; 44.0; 84; Alp Phe ; 2.40; 4500;occ; 88; 0;49929
5; 1520.0; 16-SEP-2011 22:49:04; Dark ; 56.0; 52; 16Bet Cet ; 2.04; 4500;occ; 112; 0;49929
6; 2161.8; 16-SEP-2011 22:59:46; Bright; 39.0; 90; 54Alp Peg ; 2.49; 11000;occ; 78; 0;49929
7; 2390.8; 16-SEP-2011 23:03:35; Bright; 39.5; 93; 53Bet Peg ; 2.52; 3100;occ; 79; 0;49929
8; 2502.3; 16-SEP-2011 23:05:26; Bright; 44.5; 58; 21Alp And ; 2.07; 11000;occ; 89; 0;49929
9; 2997.9; 16-SEP-2011 23:13:42; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;49929
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3; 2505.7; 16-SEP-2011 14:44:20; Bright; 48.5; 58; 21Alp And ; 2.07; 11000;occ; 97; 0;49924
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6; 2992.5; 17-SEP-2011 20:56:38; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;49942
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4; 1075.3; 17-SEP-2011 22:04:55; Dark ; 43.5; 84; Alp Phe ; 2.40; 4500;occ; 87; 0;49943
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6; 2160.1; 17-SEP-2011 22:23:00; Bright; 39.5; 90; 54Alp Peg ; 2.49; 11000;occ; 79; 0;49943
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6; 2159.8; 18-SEP-2011 00:03:13; Bright; 39.0; 90; 54Alp Peg ; 2.49; 11000;occ; 78; 0;49944
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6; 732.5; 17-SEP-2011 06:57:06; Dark ; 56.0; 9; Alp Eri ; 0.45; 24000;occ; 112; 0;49934
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8; 2387.5; 18-SEP-2011 03:27:29; Bright; 56.0; 93; 53Bet Peg ; 2.52; 3100;occ; 112; 0;49946
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4; 2385.6; 18-SEP-2011 20:09:47; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;49956
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9; 5699.7; 18-SEP-2011 11:03:37; Dark ; 51.0; 23; 21Eps CMA ; 1.50; 26000;occ; 102; 0;49950
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5; 1524.4; 19-SEP-2011 02:36:21; Dark ; 55.0; 52; 16Bet Cet ; 2.04; 4500;occ; 110; 0;49960
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8; 2484.4; 19-SEP-2011 02:52:21; Bright; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;49960
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2; -292.4; 20-SEP-2011 01:29:20; Dark ; 51.5; 23; 21Eps CMA ; 1.50; 26000;occ; 103; 0;49973
3; -58.5; 20-SEP-2011 01:33:14; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49973
4; 1086.6; 20-SEP-2011 01:52:19; Dark ; 44.0; 84; Alp Phe ; 2.40; 4500;occ; 88; 0;49974
5; 1526.6; 20-SEP-2011 01:59:39; Dark ; 50.0; 52; 16Bet Cet ; 2.04; 4500;occ; 100; 0;49974
6; 2382.6; 20-SEP-2011 02:13:55; Bright; 38.5; 93; 53Bet Peg ; 2.52; 3100;occ; 77; 0;49974
7; 2476.9; 20-SEP-2011 02:15:29; Bright; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;49974
8; 2980.0; 20-SEP-2011 02:23:52; Bright; 37.5; 74; 11Bet Cas ; 2.27; 6600;occ; 75; 0;49974
9; 3078.2; 20-SEP-2011 02:25:30; Bright; 38.5; 76; 27Gam Cas ; 2.30; 30000;occ; 77; 0;49974
10; 4468.2; 20-SEP-2011 02:48:40; Bright; 47.5; 24; 66Alp Gem ; 1.58; 10200;occ; 95; 0;49974
11; 5021.4; 20-SEP-2011 02:57:53; Dark ; 63.5; 8; 10Alp CMi ; 0.40; 6500;occ; 127; 0;49974
12; 5608.9; 20-SEP-2011 03:07:41; Dark ; 35.0; 1; 9Alp CMA ; -1.44; 11000;occ; 70; 0;49974
13; 5722.6; 20-SEP-2011 03:09:35; Dark ; 52.0; 23; 21Eps CMA ; 1.50; 26000;occ; 104; 0;49974
14; 5956.4; 20-SEP-2011 03:13:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49974
15; 6078.8; 20-SEP-2011 03:15:31; Dark ; 52.0; 2; Alp Car ; -0.74; 7000;occ; 104; 0;49975
16; 7101.0; 20-SEP-2011 03:32:33; Dark ; 44.5; 84; Alp Phe ; 2.40; 4500;occ; 89; 0;49975
17; 7540.6; 20-SEP-2011 03:39:53; Dark ; 54.5; 52; 16Bet Cet ; 2.04; 4500;occ; 109; 0;49975
18; 8396.5; 20-SEP-2011 03:54:09; Bright; 48.0; 93; 53Bet Peg ; 2.52; 3100;occ; 96; 0;49975
19; 8490.5; 20-SEP-2011 03:55:43; Bright; 46.0; 58; 21Alp And ; 2.07; 11000;occ; 92; 0;49975
20; 8993.7; 20-SEP-2011 04:04:06; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;49975
21; 9091.7; 20-SEP-2011 04:05:44; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;49975
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3; -403.8; 20-SEP-2011 04:47:56; Dark ; 35.0; 1; 9Alp CMA ; -1.44; 11000;occ; 70; 0;49975
4; -290.4; 20-SEP-2011 04:49:50; Dark ; 52.5; 23; 21Eps CMA ; 1.50; 26000;occ; 105; 0;49975
5; -56.5; 20-SEP-2011 04:53:44; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;49975
6; 65.5; 20-SEP-2011 04:55:46; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 0;49976
7; 1087.5; 20-SEP-2011 05:12:48; Dark ; 43.5; 84; Alp Phe ; 2.40; 4500;occ; 87; 0;49976
8; 1526.8; 20-SEP-2011 05:20:07; Dark ; 53.0; 52; 16Bet Cet ; 2.04; 4500;occ; 106; 0;49976
9; 2382.4; 20-SEP-2011 05:34:22; Bright; 38.0; 93; 53Bet Peg ; 2.52; 3100;occ; 76; 0;49976
10; 2475.9; 20-SEP-2011 05:35:56; Bright; 45.5; 58; 21Alp And ; 2.07; 11000;occ; 91; 0;49976
11; 2979.4; 20-SEP-2011 05:44:19; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;49976
12; 3077.3; 20-SEP-2011 05:45:57; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;49976
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2; -991.4; 20-SEP-2011 06:18:23; Dark ; 62.0; 8; 10Alp CMi ; 0.40; 6500;occ; 124; 0;49976
3; -402.6; 20-SEP-2011 06:28:11; Dark ; 28.0; 1; 9Alp CMA ; -1.44; 11000;occ; 56; 0;49976
4; -289.4; 20-SEP-2011 06:30:05; Dark ; 49.0; 23; 21Eps CMA ; 1.50; 26000;occ; 98; 0;49976
5; -55.5; 20-SEP-2011 06:33:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;49976
6; 66.2; 20-SEP-2011 06:36:00; Dark ; 55.0; 2; Alp Car ; -0.74; 7000;occ; 110; 0;49977
7; 1087.9; 20-SEP-2011 06:53:02; Dark ; 41.5; 84; Alp Phe ; 2.40; 4500;occ; 83; 0;49977
8; 1527.1; 20-SEP-2011 07:00:21; Dark ; 55.5; 52; 16Bet Cet ; 2.04; 4500;occ; 111; 0;49977
9; 2156.9; 20-SEP-2011 07:10:51; Bright; 38.5; 90; 54Alp Peg ; 2.49; 11000;occ; 77; 0;49977
10; 2382.2; 20-SEP-2011 07:14:36; Bright; 38.0; 93; 53Bet Peg ; 2.52; 3100;occ; 76; 0;49977
11; 2475.5; 20-SEP-2011 07:16:10; Bright; 45.0; 58; 21Alp And ; 2.07; 11000;occ; 90; 0;49977
12; 2979.0; 20-SEP-2011 07:24:33; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;49977
13; 3076.8; 20-SEP-2011 07:26:11; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;49977
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2; -234.7; 20-SEP-2011 23:13:19; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;49986
3; -8.9; 20-SEP-2011 23:17:05; Dark ; 43.5; 161; Tau Pup ; 2.93; 4500;occ; 87; 0;49986
4; 110.8; 20-SEP-2011 23:19:04; Dark ; 54.0; 108; Alp Col ; 2.65; 15200;occ; 108; 0;49987
5; 1091.3; 20-SEP-2011 23:35:25; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;49987
6; 1528.5; 20-SEP-2011 23:42:42; Dark ; 51.5; 52; 16Bet Cet ; 2.04; 4500;occ; 103; 0;49987
7; 2380.7; 20-SEP-2011 23:56:54; Bright; 39.5; 93; 53Bet Peg ; 2.52; 3100;occ; 79; 0;49987

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8; 2470.3; 20-SEP-2011 23:58:24; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;49987
9; 2975.1; 21-SEP-2011 00:06:49; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;49987
10; 3071.9; 21-SEP-2011 00:08:26; Bright; 39.0; 76; 27Gam Cas ; 2.30; 30000;occ; 78; 0;49987
11; 4469.9; 21-SEP-2011 00:31:44; Bright; 47.0; 24; 66Alp Gem ; 1.58; 10200;occ; 94; 0;49987
12; 5029.9; 21-SEP-2011 00:41:03; Dark ; 63.5; 8; 10Alp CMi ; 0.40; 6500;occ; 127; 0;49987
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Problem occurred when reading packet number 92!
Invalid integration number = 14!
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4; -288.6; 20-SEP-2011 08:10:20; Dark ; 49.0; 23; 21Eps CMA ; 1.50; 26000;occ; 98; 1;49977
5; -54.4; 20-SEP-2011 08:14:14; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 2;49977
6; 66.9; 20-SEP-2011 08:16:15; Dark ; 58.0; 2; Alp Car ; -0.74; 7000;occ; 116; 5;49978
7; 1088.2; 20-SEP-2011 08:33:16; Dark ; 47.5; 84; Alp Phe ; 2.40; 4500;occ; 95; 1;49978
8; 1527.1; 20-SEP-2011 08:40:35; Dark ; 53.5; 52; 16Bet Cet ; 2.04; 4500;occ; 107; 0;49978
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2; 2381.5; 20-SEP-2011 15:35:45; Bright; 38.0; 93; 53Bet Peg ; 2.52; 3100;occ; 76; 0;49982
3; 2472.9; 20-SEP-2011 15:37:17; Bright; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;49982
4; 2977.0; 20-SEP-2011 15:45:41; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;49982
5; 3074.4; 20-SEP-2011 15:47:18; Bright; 39.0; 76; 27Gam Cas ; 2.30; 30000;occ; 78; 0;49982
6; 4469.5; 20-SEP-2011 16:10:33; Bright; 68.0; 24; 66Alp Gem ; 1.58; 10200;occ; 136; 0;49982
7; 5026.8; 20-SEP-2011 16:19:51; Dark ; 58.0; 8; 10Alp CMi ; 0.40; 6500;occ; 116; 0;49982
8; 5661.9; 20-SEP-2011 16:30:26; Dark ; 48.0; 37; 25Del CMA ; 1.83; 5900;occ; 96; 0;49982
9; 5776.4; 20-SEP-2011 16:32:20; Dark ; 44.5; 117; Pi Pup ; 2.71; 3800;occ; 89; 0;49982
10; 6002.5; 20-SEP-2011 16:36:06; Dark ; 42.0; 161; Tau Pup ; 2.93; 4500;occ; 84; 0;49982
11; 6119.5; 20-SEP-2011 16:38:03; Dark ; 56.0; 108; Alp Col ; 2.65; 15200;occ; 112; 0;49983
12; 7104.0; 20-SEP-2011 16:54:28; Dark ; 46.5; 84; Alp Phe ; 2.40; 4500;occ; 93; 0;49983
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2; 2381.3; 20-SEP-2011 17:15:59; Bright; 41.0; 93; 53Bet Peg ; 2.52; 3100;occ; 82; 0;49983
3; 2472.4; 20-SEP-2011 17:17:30; Bright; 44.5; 58; 21Alp And ; 2.07; 11000;occ; 89; 0;49983
4; 2976.6; 20-SEP-2011 17:25:54; Bright; 41.0; 74; 11Bet Cas ; 2.27; 6600;occ; 82; 0;49983
5; 3073.8; 20-SEP-2011 17:27:32; Bright; 42.5; 76; 27Gam Cas ; 2.30; 30000;occ; 85; 0;49983
6; 4469.6; 20-SEP-2011 17:50:47; Bright; 47.5; 24; 66Alp Gem ; 1.58; 10200;occ; 95; 0;49983
7; 5027.4; 20-SEP-2011 18:00:05; Dark ; 64.5; 8; 10Alp CMi ; 0.40; 6500;occ; 129; 0;49983
8; 5662.9; 20-SEP-2011 18:10:41; Dark ; 55.0; 37; 25Del CMA ; 1.83; 5900;occ; 110; 0;49983
9; 5777.2; 20-SEP-2011 18:12:35; Dark ; 56.5; 117; Pi Pup ; 2.71; 3800;occ; 113; 0;49983
10; 6003.2; 20-SEP-2011 18:16:21; Dark ; 40.5; 161; Tau Pup ; 2.93; 4500;occ; 81; 0;49983
11; 6120.9; 20-SEP-2011 18:18:19; Dark ; 52.5; 108; Alp Col ; 2.65; 15200;occ; 105; 0;49984
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3; 112.3; 21-SEP-2011 00:59:20; Dark ; 51.0; 108; Alp Col ; 2.65; 15200;occ; 102; 0;49988
4; 1091.7; 21-SEP-2011 01:15:39; Dark ; 43.5; 84; Alp Phe ; 2.40; 4500;occ; 87; 0;49988
5; 1528.6; 21-SEP-2011 01:22:56; Dark ; 54.5; 52; 16Bet Cet ; 2.04; 4500;occ; 109; 0;49988
6; 2380.5; 21-SEP-2011 01:37:08; Bright; 39.0; 93; 53Bet Peg ; 2.52; 3100;occ; 78; 0;49988
7; 2469.8; 21-SEP-2011 01:38:37; Bright; 45.0; 58; 21Alp And ; 2.07; 11000;occ; 90; 0;49988
8; 2974.8; 21-SEP-2011 01:47:02; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;49988
9; 3071.4; 21-SEP-2011 01:48:39; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;49988
10; 4470.2; 21-SEP-2011 02:11:58; Bright; 46.5; 24; 66Alp Gem ; 1.58; 10200;occ; 93; 0;49988
11; 5030.7; 21-SEP-2011 02:21:18; Dark ; 63.0; 8; 10Alp CMi ; 0.40; 6500;occ; 126; 0;49988
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3; -233.1; 21-SEP-2011 02:33:48; Dark ; 54.0; 117; Pi Pup ; 2.71; 3800;occ; 108; 0;49988
4; -7.7; 21-SEP-2011 02:37:34; Dark ; 41.5; 161; Tau Pup ; 2.93; 4500;occ; 83; 0;49988
5; 113.7; 21-SEP-2011 02:39:35; Dark ; 52.5; 108; Alp Col ; 2.65; 15200;occ; 105; 0;49989
6; 1092.0; 21-SEP-2011 02:55:53; Dark ; 43.5; 84; Alp Phe ; 2.40; 4500;occ; 87; 0;49989
7; 1528.7; 21-SEP-2011 03:03:10; Dark ; 51.0; 52; 16Bet Cet ; 2.04; 4500;occ; 102; 0;49989
8; 2155.9; 21-SEP-2011 03:13:37; Bright; 38.5; 90; 54Alp Peg ; 2.49; 11000;occ; 77; 0;49989
9; 2380.5; 21-SEP-2011 03:17:22; Bright; 55.0; 93; 53Bet Peg ; 2.52; 3100;occ; 110; 0;49989
10; 2469.4; 21-SEP-2011 03:18:51; Bright; 43.5; 58; 21Alp And ; 2.07; 11000;occ; 87; 0;49989
11; 2974.4; 21-SEP-2011 03:27:16; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;49989
12; 3070.8; 21-SEP-2011 03:28:52; Bright; 37.5; 76; 27Gam Cas ; 2.30; 30000;occ; 75; 0;49989
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4; -232.4; 21-SEP-2011 04:14:03; Dark ; 49.5; 117; Pi Pup ; 2.71; 3800;occ; 99; 0;49989
5; -7.0; 21-SEP-2011 04:17:48; Dark ; 40.5; 161; Tau Pup ; 2.93; 4500;occ; 81; 0;49989
6; 115.0; 21-SEP-2011 04:19:50; Dark ; 56.5; 108; Alp Col ; 2.65; 15200;occ; 113; 0;49990
7; 1092.4; 21-SEP-2011 04:36:08; Dark ; 43.0; 84; Alp Phe ; 2.40; 4500;occ; 86; 0;49990
8; 1528.9; 21-SEP-2011 04:43:24; Dark ; 55.5; 52; 16Bet Cet ; 2.04; 4500;occ; 111; 0;49990
9; 2155.8; 21-SEP-2011 04:53:51; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;49990
10; 2380.3; 21-SEP-2011 04:57:36; Bright; 38.5; 93; 53Bet Peg ; 2.52; 3100;occ; 77; 0;49990
11; 2468.9; 21-SEP-2011 04:59:04; Bright; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;49990
12; 2974.0; 21-SEP-2011 05:07:29; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;49990
13; 3070.5; 21-SEP-2011 05:09:06; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;49990
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3; 2155.1; 21-SEP-2011 21:36:10; Bright; 38.5; 90; 54Alp Peg ; 2.49; 11000;occ; 77; 0;50000
4; 2379.0; 21-SEP-2011 21:39:54; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;50000
5; 2463.9; 21-SEP-2011 21:41:19; Bright; 43.5; 58; 21Alp And ; 2.07; 11000;occ; 87; 0;50000
6; 2970.4; 21-SEP-2011 21:49:46; Bright; 40.5; 74; 11Bet Cas ; 2.27; 6600;occ; 81; 0;50000
7; 3065.4; 21-SEP-2011 21:51:21; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;50000
8; 4471.6; 21-SEP-2011 22:14:47; Bright; 48.5; 24; 66Alp Gem ; 1.58; 10200;occ; 97; 0;50000
9; 5038.8; 21-SEP-2011 22:24:14; Dark ; 60.5; 8; 10Alp CMI ; 0.40; 6500;occ; 121; 0;50000
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3; 1530.6; 22-SEP-2011 00:46:14; Dark ; 53.5; 52; 16Bet Cet ; 2.04; 4500;occ; 107; 0;50002
4; 2154.8; 22-SEP-2011 00:56:38; Bright; 38.0; 90; 54Alp Peg ; 2.49; 11000;occ; 76; 0;50002
5; 2378.7; 22-SEP-2011 01:00:22; Bright; 38.5; 93; 53Bet Peg ; 2.52; 3100;occ; 77; 0;50002
6; 2462.9; 22-SEP-2011 01:01:46; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;50002
7; 2969.7; 22-SEP-2011 01:10:13; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;50002
8; 3064.5; 22-SEP-2011 01:11:47; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;50002
9; 4471.9; 22-SEP-2011 01:35:15; Bright; 50.5; 24; 66Alp Gem ; 1.58; 10200;occ; 101; 0;50002
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3; 1.5; 22-SEP-2011 02:00:58; Dark ; 49.0; 161; Tau Pup ; 2.93; 4500;occ; 98; 0;50002
4; 132.9; 22-SEP-2011 02:03:10; Dark ; 43.0; 108; Alp Col ; 2.65; 15200;occ; 86; 0;50003
5; 1096.8; 22-SEP-2011 02:19:14; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;50003
6; 1530.8; 22-SEP-2011 02:26:28; Dark ; 54.0; 52; 16Bet Cet ; 2.04; 4500;occ; 108; 0;50003
7; 2378.6; 22-SEP-2011 02:40:35; Bright; 40.0; 93; 53Bet Peg ; 2.52; 3100;occ; 80; 0;50003
8; 2462.5; 22-SEP-2011 02:41:59; Bright; 44.0; 58; 21Alp And ; 2.07; 11000;occ; 88; 0;50003
9; 2969.4; 22-SEP-2011 02:50:26; Bright; 38.5; 74; 11Bet Cas ; 2.27; 6600;occ; 77; 0;50003
10; 3063.9; 22-SEP-2011 02:52:01; Bright; 39.0; 76; 27Gam Cas ; 2.30; 30000;occ; 78; 0;50003
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1; -1541.9; 22-SEP-2011 03:15:29; Bright; 48.5; 24; 66Alp Gem ; 1.58; 10200;occ; 97; 0;50003
2; -973.1; 22-SEP-2011 03:24:58; Dark ; 70.5; 8; 10Alp CMI ; 0.40; 6500;occ; 141; 0;50003
3; -331.9; 22-SEP-2011 03:35:39; Dark ; 55.5; 37; 25Del CMA ; 1.83; 5900;occ; 111; 0;50003
4; -221.6; 22-SEP-2011 03:37:29; Dark ; 51.0; 117; Pi Pup ; 2.71; 3800;occ; 102; 0;50003
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1; 91.9; 22-SEP-2011 22:05:16; Dark ; 52.5; 2; Alp Car ; -0.74; 7000;occ; 105; 0;50015
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1; 1532.5; 23-SEP-2011 00:09:31; Dark ; 50.5; 52; 16Bet Cet ; 2.04; 4500;occ; 101; 0;50016
2; 2456.8; 23-SEP-2011 00:24:55; Bright; 42.5; 58; 21Alp And ; 2.07; 11000;occ; 85; 0;50016
3; 3057.7; 23-SEP-2011 00:34:56; Bright; 42.0; 76; 27Gam Cas ; 2.30; 30000;occ; 84; 0;50016
4; 4473.8; 23-SEP-2011 00:58:32; Bright; 50.0; 24; 66Alp Gem ; 1.58; 10200;occ; 100; 0;50016
5; 5050.3; 23-SEP-2011 01:08:09; Dark ; 65.5; 8; 10Alp CMI ; 0.40; 6500;occ; 131; 0;50016
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2; 10.8; 23-SEP-2011 01:24:23; Dark ; 47.0; 161; Tau Pup ; 2.93; 4500;occ; 94; 0;50017
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1; 911.7; 26-SEP-2011 19:51:58; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 80;50071
2; 3033.2; 26-SEP-2011 20:27:20; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;50071
3; 4565.0; 26-SEP-2011 20:52:52; Bright; 26.5; 17; 78Bet Gem ; 1.16; 4500;occ; 53; 0;50071
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1; -282.9; 26-SEP-2011 21:12:18; Dark ; 48.5; 88; 31Eta CMA ; 2.45; 20000;occ; 97; 0;50071
2; -188.2; 26-SEP-2011 21:13:52; Dark ; 55.5; 23; 21Eps CMA ; 1.50; 26000;occ; 111; 0;50071
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2;-1450.0; 26-SEP-2011 12:31:41; Bright; 44.0; 17; 78Bet Gem ; 1.16; 4500;occ; 88; 0;50066
3; -491.6; 26-SEP-2011 12:47:39; Dark ; 49.0; 132; 15Rho Pup ; 2.80; 6900;occ; 98; 0;50066
4; -287.6; 26-SEP-2011 12:51:03; Dark ; 50.0; 88; 31Eta CMA ; 2.45; 20000;occ; 100; 0;50066
5; -194.0; 26-SEP-2011 12:52:37; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;50066
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2; 3035.1; 26-SEP-2011 13:46:26; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;50067
3; 4564.2; 26-SEP-2011 14:11:55; Bright; 44.0; 17; 78Bet Gem ; 1.16; 4500;occ; 88; 0;50067
4; 5727.2; 26-SEP-2011 14:31:18; Dark ; 47.0; 88; 31Eta CMA ; 2.45; 20000;occ; 94; 0;50067
5; 5821.1; 26-SEP-2011 14:32:52; Dark ; 51.5; 23; 21Eps CMA ; 1.50; 26000;occ; 103; 0;50067
6; 6883.3; 26-SEP-2011 14:50:34; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;50068
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1; 2183.8; 26-SEP-2011 15:12:28; Bright; 42.0; 140; 88Gam Peg ; 2.83; 26000;occ; 84; 0;50068
2; 3034.7; 26-SEP-2011 15:26:39; Bright; 41.0; 76; 27Gam Cas ; 2.30; 30000;occ; 82; 0;50068
3; 4564.4; 26-SEP-2011 15:52:09; Bright; 35.0; 17; 78Bet Gem ; 1.16; 4500;occ; 70; 0;50068
4; 5728.3; 26-SEP-2011 16:11:33; Dark ; 49.5; 88; 31Eta CMA ; 2.45; 20000;occ; 99; 0;50068
5; 5822.4; 26-SEP-2011 16:13:07; Dark ; 50.0; 23; 21Eps CMA ; 1.50; 26000;occ; 100; 0;50068
6; 6884.2; 26-SEP-2011 16:30:49; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;50069
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1; 1540.0; 26-SEP-2011 16:41:59; Dark ; 20.0; 52; 16Bet Cet ; 2.04; 4500;occ; 40; 0;50069
2; 3034.1; 26-SEP-2011 17:06:53; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;50069
3; 4564.8; 26-SEP-2011 17:32:23; Bright; 35.0; 17; 78Bet Gem ; 1.16; 4500;occ; 70; 0;50069
4; 5729.2; 26-SEP-2011 17:51:48; Dark ; 47.0; 88; 31Eta CMA ; 2.45; 20000;occ; 94; 0;50069
5; 5823.5; 26-SEP-2011 17:53:22; Dark ; 50.5; 23; 21Eps CMA ; 1.50; 26000;occ; 101; 0;50069
6; 6885.0; 26-SEP-2011 18:11:04; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50070
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2;-1449.2; 26-SEP-2011 19:12:37; Bright; 27.0; 17; 78Bet Gem ; 1.16; 4500;occ; 54; 0;50070
3; -283.9; 26-SEP-2011 19:32:03; Dark ; 47.0; 88; 31Eta CMA ; 2.45; 20000;occ; 94; 0;50070
4; -189.4; 26-SEP-2011 19:33:37; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;50070
5; 871.7; 26-SEP-2011 19:51:18; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;50071
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2; 3026.9; 27-SEP-2011 21:30:43; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;50086
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2; -170.7; 27-SEP-2011 22:17:39; Dark ; 48.5; 23; 21Eps CMA ; 1.50; 26000;occ; 97; 0;50086
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1; 54.5; 27-SEP-2011 10:39:47; Dark ; 44.5; 161; Tau Pup ; 2.93; 4500;occ; 89; 0;50080
2; 138.1; 27-SEP-2011 10:41:10; Dark ; 58.5; 2; Alp Car ; -0.74; 7000;occ; 117; 0;50080
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2; 2944.7; 27-SEP-2011 11:27:57; Bright; 39.5; 74; 11Bet Cas ; 2.27; 6600;occ; 79; 0;50080
3; 3029.6; 27-SEP-2011 11:29:22; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;50080
4; 5532.6; 27-SEP-2011 12:11:05; Dark ; 45.5; 132; 15Rho Pup ; 2.80; 6900;occ; 91; 0;50080
5; 5739.9; 27-SEP-2011 12:14:32; Dark ; 50.0; 88; 31Eta CMA ; 2.45; 20000;occ; 100; 0;50080
6; 5836.1; 27-SEP-2011 12:16:08; Dark ; 48.0; 23; 21Eps CMA ; 1.50; 26000;occ; 96; 0;50080
7; 5947.0; 27-SEP-2011 12:17:59; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;50080
8; 6069.1; 27-SEP-2011 12:20:01; Dark ; 43.0; 161; Tau Pup ; 2.93; 4500;occ; 86; 0;50081
9; 6152.7; 27-SEP-2011 12:21:25; Dark ; 53.0; 2; Alp Car ; -0.74; 7000;occ; 106; 0;50081
10; 6893.5; 27-SEP-2011 12:33:46; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;50081
11; 7555.6; 27-SEP-2011 12:44:48; Dark ; 48.0; 52; 16Bet Cet ; 2.04; 4500;occ; 96; 0;50081
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2; 2944.4; 27-SEP-2011 13:08:11; Bright; 40.0; 74; 11Bet Cas ; 2.27; 6600;occ; 80; 0;50081
3; 3029.2; 27-SEP-2011 13:09:35; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;50081
4; 5533.4; 27-SEP-2011 13:51:20; Dark ; 47.0; 132; 15Rho Pup ; 2.80; 6900;occ; 94; 0;50081
5; 5740.9; 27-SEP-2011 13:54:47; Dark ; 47.5; 88; 31Eta CMA ; 2.45; 20000;occ; 95; 0;50081
6; 5837.4; 27-SEP-2011 13:56:24; Dark ; 52.0; 23; 21Eps CMA ; 1.50; 26000;occ; 104; 0;50081
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1; 2180.1; 27-SEP-2011 14:35:40; Bright; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;50082
2; 2944.3; 27-SEP-2011 14:48:24; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;50082
3; 3028.8; 27-SEP-2011 14:49:49; Bright; 41.5; 76; 27Gam Cas ; 2.30; 30000;occ; 83; 0;50082
4; 5534.2; 27-SEP-2011 15:31:34; Dark ; 47.0; 132; 15Rho Pup ; 2.80; 6900;occ; 94; 0;50082

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5; 6154.3; 27-SEP-2011 15:41:54; Dark ; 46.5; 2; Alp Car ; -0.74; 7000;occ; 93; 0;50083
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2; 3028.4; 27-SEP-2011 16:30:02; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;50083
3; 5743.0; 27-SEP-2011 17:15:17; Dark ; 47.5; 88; 31Eta CMA ; 2.45; 20000;occ; 95; 0;50083
4; 5839.9; 27-SEP-2011 17:16:54; Dark ; 65.5; 23; 21Eps CMA ; 1.50; 26000;occ; 131; 0;50083
5; 6895.9; 27-SEP-2011 17:34:30; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;50084
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2; 3027.9; 27-SEP-2011 18:10:16; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;50084
3; 5743.9; 27-SEP-2011 18:55:32; Dark ; 48.0; 88; 31Eta CMA ; 2.45; 20000;occ; 96; 0;50084
4; 6896.6; 27-SEP-2011 19:14:45; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;50085
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1; 2179.2; 27-SEP-2011 19:36:21; Bright; 41.5; 140; 88Gam Peg ; 2.83; 26000;occ; 83; 0;50085
2; 3027.3; 27-SEP-2011 19:50:29; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;50085
3; 5744.9; 27-SEP-2011 20:35:47; Dark ; 47.0; 88; 31Eta CMA ; 2.45; 20000;occ; 94; 0;50085
4; 5842.1; 27-SEP-2011 20:37:24; Dark ; 53.0; 23; 21Eps CMA ; 1.50; 26000;occ; 106; 0;50085
5; 6897.5; 27-SEP-2011 20:55:00; Dark ; 23.5; 157; The1Eri ; 2.91; 9300;occ; 47; 0;50086
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1; 886.4; 28-SEP-2011 03:35:58; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;50090
2; 3025.4; 28-SEP-2011 04:11:37; Bright; 40.0; 76; 27Gam Cas ; 2.30; 30000;occ; 80; 0;50090
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2; -165.8; 28-SEP-2011 04:58:40; Dark ; 54.5; 23; 21Eps CMA ; 1.50; 26000;occ; 109; 0;50090
3; 887.1; 28-SEP-2011 05:16:13; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50091
4; 3024.9; 28-SEP-2011 05:51:51; Bright; 39.0; 76; 27Gam Cas ; 2.30; 30000;occ; 78; 0;50091
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2; 2939.2; 28-SEP-2011 20:52:31; Bright; 2.0; 74; 11Bet Cas ; 2.27; 6600;occ; 4; 0;50100
3; 3021.2; 28-SEP-2011 20:53:53; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;50100
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2; -164.5; 28-SEP-2011 06:38:55; Dark ; 53.0; 23; 21Eps CMA ; 1.50; 26000;occ; 106; 0;50091
3; 887.8; 28-SEP-2011 06:56:28; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;50092
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2; 3024.6; 28-SEP-2011 07:32:04; Bright; 39.5; 76; 27Gam Cas ; 2.30; 30000;occ; 79; 0;50092
3; 5751.8; 28-SEP-2011 08:17:32; Dark ; 47.5; 88; 31Eta CMA ; 2.45; 20000;occ; 95; 0;50092
4; 5850.6; 28-SEP-2011 08:19:11; Dark ; 52.0; 23; 21Eps CMA ; 1.50; 26000;occ; 104; 0;50092
5; 6902.7; 28-SEP-2011 08:36:43; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;50093
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2; -261.0; 28-SEP-2011 09:57:47; Dark ; 49.0; 88; 31Eta CMA ; 2.45; 20000;occ; 98; 0;50093
3; -162.1; 28-SEP-2011 09:59:26; Dark ; 61.0; 23; 21Eps CMA ; 1.50; 26000;occ; 122; 0;50093
4; 889.5; 28-SEP-2011 10:16:57; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;50094
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2; 3023.7; 28-SEP-2011 10:52:31; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;50094
3; 5754.0; 28-SEP-2011 11:38:02; Dark ; 49.0; 88; 31Eta CMA ; 2.45; 20000;occ; 98; 0;50094
4; 5853.1; 28-SEP-2011 11:39:41; Dark ; 57.0; 23; 21Eps CMA ; 1.50; 26000;occ; 114; 0;50094
5; 6904.2; 28-SEP-2011 11:57:12; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50095
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2; -258.9; 28-SEP-2011 13:18:17; Dark ; 49.0; 88; 31Eta CMA ; 2.45; 20000;occ; 98; 0;50095
3; -159.6; 28-SEP-2011 13:19:56; Dark ; 54.5; 23; 21Eps CMA ; 1.50; 26000;occ; 109; 0;50095
4; 891.1; 28-SEP-2011 13:37:27; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;50096
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2; -257.9; 28-SEP-2011 14:58:32; Dark ; 46.0; 88; 31Eta CMA ; 2.45; 20000;occ; 92; 0;50096
3; -158.6; 28-SEP-2011 15:00:11; Dark ; 53.5; 23; 21Eps CMA ; 1.50; 26000;occ; 107; 0;50096
4; 891.7; 28-SEP-2011 15:17:41; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;50097
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDK20110928_152834_000054123107_00083_50097_5376.N1
1; 1544.0; 28-SEP-2011 15:28:34; Dark ; 50.0; 52; 16Bet Cet ; 2.04; 4500;occ; 100; 0;50097
2; 2176.3; 28-SEP-2011 15:39:06; Bright; 40.5; 140; 88Gam Peg ; 2.83; 26000;occ; 81; 0;50097
3; 2426.2; 28-SEP-2011 15:43:16; Bright; 41.5; 58; 21Alp And ; 2.07; 11000;occ; 83; 0;50097

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4; 3022.5; 28-SEP-2011 15:53:12; Bright; 39.0; 76; 27Gam Cas ; 2.30; 30000;occ; 78; 0;50097
5; 5757.1; 28-SEP-2011 16:38:47; Dark ; 49.0; 88; 31Eta CMA ; 2.45; 20000;occ; 98; 0;50097
6; 5856.7; 28-SEP-2011 16:40:26; Dark ; 54.0; 23; 21Eps CMA ; 1.50; 26000;occ; 108; 0;50097
7; 6906.4; 28-SEP-2011 16:57:56; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50098
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1;-2991.9; 28-SEP-2011 17:33:26; Bright; 38.0; 76; 27Gam Cas ; 2.30; 30000;occ; 76; 0;50098
2; -256.0; 28-SEP-2011 18:19:02; Dark ; 47.0; 88; 31Eta CMA ; 2.45; 20000;occ; 94; 0;50098
3; -156.2; 28-SEP-2011 18:20:41; Dark ; 55.0; 23; 21Eps CMA ; 1.50; 26000;occ; 110; 0;50098
4; 68.2; 28-SEP-2011 18:24:26; Dark ; 45.0; 161; Tau Pup ; 2.93; 4500;occ; 90; 0;50099
5; 152.0; 28-SEP-2011 18:25:50; Dark ; 47.5; 2; Alp Car ; -0.74; 7000;occ; 95; 0;50099
6; 893.2; 28-SEP-2011 18:38:11; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50099
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2; -254.9; 28-SEP-2011 19:59:17; Dark ; 52.0; 88; 31Eta CMA ; 2.45; 20000;occ; 104; 0;50099
3; -154.9; 28-SEP-2011 20:00:57; Dark ; 55.0; 23; 21Eps CMA ; 1.50; 26000;occ; 110; 0;50099
4; 68.9; 28-SEP-2011 20:04:40; Dark ; 50.5; 161; Tau Pup ; 2.93; 4500;occ; 101; 0;50100
5; 152.6; 28-SEP-2011 20:06:04; Dark ; 59.0; 2; Alp Car ; -0.74; 7000;occ; 118; 0;50100
6; 894.0; 28-SEP-2011 20:18:26; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;50100
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2; 155.6; 29-SEP-2011 02:47:03; Dark ; 52.5; 2; Alp Car ; -0.74; 7000;occ; 105; 0;50104
3; 897.0; 29-SEP-2011 02:59:24; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;50104
4; 2652.5; 29-SEP-2011 03:28:40; Bright; 41.0; 53; 43Bet And ; 2.05; 3300;occ; 82; 0;50104
5; 3019.6; 29-SEP-2011 03:34:47; Bright; 40.5; 76; 27Gam Cas ; 2.30; 30000;occ; 81; 0;50104
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2; -147.5; 29-SEP-2011 06:02:28; Dark ; 60.0; 23; 21Eps CMA ; 1.50; 26000;occ; 120; 0;50105
3; 898.5; 29-SEP-2011 06:19:54; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;50106
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2; 2644.9; 29-SEP-2011 21:51:06; Bright; 48.0; 53; 43Bet And ; 2.05; 3300;occ; 96; 0;50115
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2; 2644.1; 29-SEP-2011 23:31:19; Bright; 48.0; 53; 43Bet And ; 2.05; 3300;occ; 96; 0;50116
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2; 2643.5; 30-SEP-2011 01:11:32; Bright; 49.0; 53; 43Bet And ; 2.05; 3300;occ; 98; 0;50117
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2; 2642.8; 30-SEP-2011 02:51:45; Bright; 48.5; 53; 43Bet And ; 2.05; 3300;occ; 97; 0;50118
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2; 2642.2; 30-SEP-2011 04:31:59; Bright; 49.0; 53; 43Bet And ; 2.05; 3300;occ; 98; 0;50119
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2; 2641.6; 30-SEP-2011 06:12:12; Bright; 45.5; 53; 43Bet And ; 2.05; 3300;occ; 91; 0;50120
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1; -869.9; 30-SEP-2011 11:54:37; Dark ; 52.5; 8; 10Alp CMI ; 0.40; 6500;occ; 105; 0;50123

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