

# GOMOS Daily Report 30-AUG-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	02SEP2010 04:47:29
Data source version	GOMOS/5.01
Start time of products	30AUG2010 00:00:53
Stop time of products	30AUG2010 23:59:21
Store outputs in DB	Yes
Nb of level 1b prods	140
Nb of prods with errors	1

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

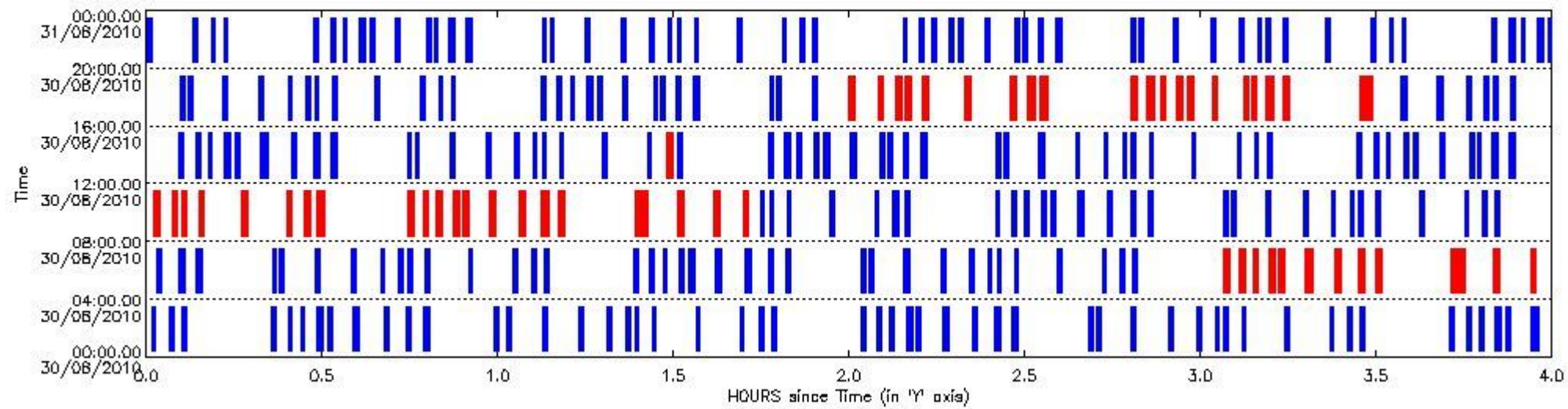
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
30-AUG-2010 07:03:56	34BetAur	42	44434
30-AUG-2010 07:06:42	37TheAur	107	44434
30-AUG-2010 07:08:54	78BetGem	17	44434
30-AUG-2010 07:11:42	13MuGem	151	44434
30-AUG-2010 07:13:26	24GamGem	44	44434
30-AUG-2010 07:17:50	58AlpOri	14	44434
30-AUG-2010 07:23:02	9AlpCMa	1	44434
30-AUG-2010 07:26:54	11AlpLep	101	44434
30-AUG-2010 07:29:51	DSA1062	0	44434
30-AUG-2010 07:42:52	AlpHyi	143	44435
30-AUG-2010 07:44:08	AlpEri	9	44435
30-AUG-2010 07:50:06	AlpPhe	84	44435
30-AUG-2010 07:56:22	24AlpPsA	18	44435
30-AUG-2010 08:01:16	49DelCap	142	44435
30-AUG-2010 08:04:26	22BetAqr	154	44435

30-AUG-2010 08:05:57	34AlpAqr	162	44435
30-AUG-2010 08:08:57	8EpsPeg	61	44435
30-AUG-2010 08:16:16	44EtaPeg	164	44435
30-AUG-2010 08:23:59	5AlpCep	89	44435
30-AUG-2010 08:27:02	11BetCas	74	44435
30-AUG-2010 08:29:11	27GamCas	76	44435
30-AUG-2010 08:44:31	34BetAur	42	44435
30-AUG-2010 08:47:18	37TheAur	107	44435
30-AUG-2010 08:49:31	78BetGem	17	44435
30-AUG-2010 08:52:18	13MuGem	151	44435
30-AUG-2010 08:54:02	24GamGem	44	44435
30-AUG-2010 08:58:27	58AlpOri	14	44435
30-AUG-2010 09:03:38	9AlpCMa	1	44435
30-AUG-2010 09:07:31	11AlpLep	101	44435
30-AUG-2010 09:10:28	DSA1062	0	44435
30-AUG-2010 09:23:29	AlpHyi	143	44436
30-AUG-2010 09:24:44	AlpEri	9	44436
30-AUG-2010 09:30:42	AlpPhe	84	44436
30-AUG-2010 09:36:58	24AlpPsA	18	44436
30-AUG-2010 09:41:52	49DelCap	142	44436
30-AUG-2010 13:28:47	11BetCas	74	44438
30-AUG-2010 17:59:59	24AlpPsA	18	44441
30-AUG-2010 18:04:52	49DelCap	142	44441
30-AUG-2010 18:08:02	22BetAqr	154	44441
30-AUG-2010 18:09:32	34AlpAqr	162	44441
30-AUG-2010 18:12:33	8EpsPeg	61	44441
30-AUG-2010 18:19:48	44EtaPeg	164	44441
30-AUG-2010 18:27:34	5AlpCep	89	44441
30-AUG-2010 18:30:33	11BetCas	74	44441
30-AUG-2010 18:32:43	27GamCas	76	44441
30-AUG-2010 18:48:06	34BetAur	42	44441
30-AUG-2010 18:50:54	37TheAur	107	44441
30-AUG-2010 18:53:07	78BetGem	17	44441
30-AUG-2010 18:55:56	13MuGem	151	44441
30-AUG-2010 18:57:40	24GamGem	44	44441
30-AUG-2010 19:02:07	58AlpOri	14	44441
30-AUG-2010 19:07:17	9AlpCMa	1	44441
30-AUG-2010 19:08:37	24Omi2CMa	179	44441
30-AUG-2010 19:11:13	11AlpLep	101	44441
30-AUG-2010 19:14:10	DSA1062	0	44441
30-AUG-2010 19:27:08	AlpHyi	143	44442
30-AUG-2010 19:28:24	AlpEri	9	44442

#### 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_1PNPDE20100830_000053_000000382092_00288_44430_9401.N1	30-AUG-2010 00:00:53	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44430	No
2	GOM_TRA_1PNPDE20100830_000357_000000422092_00288_44430_9402.N1	30-AUG-2010 00:03:57	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44430	No
3	GOM_TRA_1PNPDE20100830_000608_000000472092_00288_44430_9403.N1	30-AUG-2010 00:06:08	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44430	No
4	GOM_TRA_1PNPDE20100830_002125_000000462092_00288_44430_9404.N1	30-AUG-2010 00:21:25	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44430	No
5	GOM_TRA_1PNPDE20100830_002411_000000462092_00288_44430_9405.N1	30-AUG-2010 00:24:11	Bright	45.500	107	37The Aur	2.6490	11000.	91	44430	No
6	GOM_TRA_1PNPDE20100830_002623_000000382092_00288_44430_9406.N1	30-AUG-2010 00:26:23	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	44430	No
7	GOM_TRA_1PNPDE20100830_002909_000000582092_00288_44430_9407.N1	30-AUG-2010 00:29:09	Twilight	58.000	151	13Mu Gem	2.8900	3000.0	116	44430	No
8	GOM_TRA_1PNPDE20100830_003053_000000462092_00288_44430_9408.N1	30-AUG-2010 00:30:53	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	44430	No
9	GOM_TRA_1PNPDE20100830_003516_000000692092_00288_44430_9409.N1	30-AUG-2010 00:35:16	Dark	68.500	14	58Alp Ori	0.87000	3000.0	137	44430	No
10	GOM_TRA_1PNPDE20100830_004028_000000492092_00288_44430_9419.N1	30-AUG-2010 00:40:28	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44430	No
11	GOM_TRA_1PNPDE20100830_004418_000000572092_00288_44430_9420.N1	30-AUG-2010 00:44:18	Dark	57.000	101	11Alp Lep	2.5820	7000.0	114	44430	No
12	GOM_TRA_1PNPDE20100830_005917_000000542092_00289_44431_9421.N1	30-AUG-2010 00:59:17	Dark	53.500	157	The1Eri	2.9060	9300.0	107	44431	No

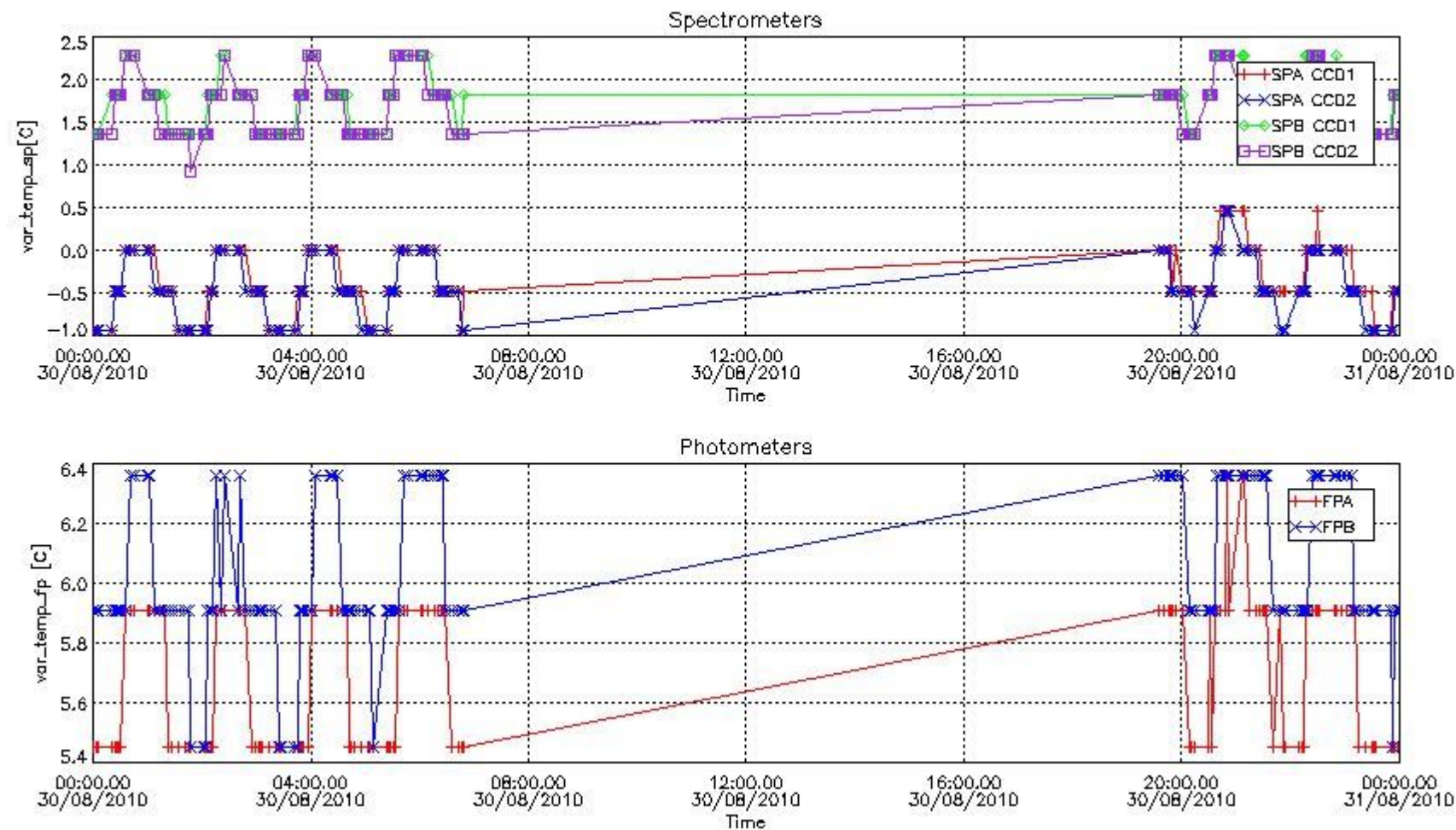
13	GOM_TRA_1PNPDE20100830_010134_000000522092_00289_44431_9422.N1	30-AUG-2010 01:01:34	Dark	51.500	9	Alp Eri	0.45300	24000.	103	44431	No
14	GOM_TRA_1PNPDE20100830_010732_000000492092_00289_44431_9423.N1	30-AUG-2010 01:07:32	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44431	No
15	GOM_TRA_1PNPDE20100830_011350_000000492092_00289_44431_9424.N1	30-AUG-2010 01:13:50	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	44431	No
16	GOM_TRA_1PNPDE20100830_011844_000000452092_00289_44431_9425.N1	30-AUG-2010 01:18:44	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	44431	No
17	GOM_TRA_1PNPDE20100830_012154_000000392092_00289_44431_9426.N1	30-AUG-2010 01:21:54	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44431	No
18	GOM_TRA_1PNPDE20100830_012325_000000422092_00289_44431_9427.N1	30-AUG-2010 01:23:25	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44431	No
19	GOM_TRA_1PNPDE20100830_012626_000000392092_00289_44431_9428.N1	30-AUG-2010 01:26:26	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44431	No
20	GOM_TRA_1PNPDE20100830_013347_000000462092_00289_44431_9429.N1	30-AUG-2010 01:33:47	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44431	No
21	GOM_TRA_1PNPDE20100830_014128_000000342092_00289_44431_9430.N1	30-AUG-2010 01:41:28	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	44431	No
22	GOM_TRA_1PNPDE20100830_014433_000000462092_00289_44431_9431.N1	30-AUG-2010 01:44:33	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44431	No
23	GOM_TRA_1PNPDE20100830_014643_000000462092_00289_44431_9432.N1	30-AUG-2010 01:46:43	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44431	No
24	GOM_TRA_1PNPDE20100830_020201_000000452092_00289_44431_9433.N1	30-AUG-2010 02:02:01	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	44431	No
25	GOM_TRA_1PNPDE20100830_020446_000000452092_00289_44431_9434.N1	30-AUG-2010 02:04:46	Bright	45.000	107	37The Aur	2.6490	11000.	90	44431	No
26	GOM_TRA_1PNPDE20100830_020659_000000342092_00289_44431_9435.N1	30-AUG-2010 02:06:59	Bright	34.000	17	78Bet Gem	1.1610	4500.0	68	44431	No
27	GOM_TRA_1PNPDE20100830_020946_000000632092_00289_44431_9436.N1	30-AUG-2010 02:09:46	Tw_i_and_stray	63.000	151	13Mu Gem	2.8900	3000.0	126	44431	No
28	GOM_TRA_1PNPDE20100830_021130_000000472092_00289_44431_9437.N1	30-AUG-2010 02:11:30	Tw_i_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	44431	No
29	GOM_TRA_1PNPDE20100830_021553_000000642092_00289_44431_9441.N1	30-AUG-2010 02:15:53	Dark	63.500	14	58Alp Ori	0.87000	3000.0	127	44431	Yes
30	GOM_TRA_1PNPDE20100830_022105_000000492092_00289_44431_9442.N1	30-AUG-2010 02:21:05	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44431	No
31	GOM_TRA_1PNPDE20100830_022455_000000512092_00289_44431_9443.N1	30-AUG-2010 02:24:55	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	44431	No
32	GOM_TRA_1PNPDE20100830_024055_000000412092_00290_44432_9444.N1	30-AUG-2010 02:40:55	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44432	No
33	GOM_TRA_1PNPDE20100830_024210_000000452092_00290_44432_9445.N1	30-AUG-2010 02:42:10	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44432	No
34	GOM_TRA_1PNPDE20100830_024809_000000532092_00290_44432_9446.N1	30-AUG-2010 02:48:09	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44432	No
35	GOM_TRA_1PNPDE20100830_025426_000000512092_00290_44432_9447.N1	30-AUG-2010 02:54:26	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44432	No
36	GOM_TRA_1PNPDE20100830_025920_000000462092_00290_44432_9448.N1	30-AUG-2010 02:59:20	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44432	No
37	GOM_TRA_1PNPDE20100830_030230_000000382092_00290_44432_9449.N1	30-AUG-2010 03:02:30	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	44432	No
38	GOM_TRA_1PNPDE20100830_030401_000000422092_00290_44432_9450.N1	30-AUG-2010 03:04:01	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44432	No
39	GOM_TRA_1PNPDE20100830_030702_000000432092_00290_44432_9451.N1	30-AUG-2010 03:07:02	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	44432	No
40	GOM_TRA_1PNPDE20100830_031422_000000472092_00290_44432_9452.N1	30-AUG-2010 03:14:22	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	44432	No
41	GOM_TRA_1PNPDE20100830_032204_000000352092_00290_44432_9453.N1	30-AUG-2010 03:22:04	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	44432	No
42	GOM_TRA_1PNPDE20100830_032508_000000452092_00290_44432_9454.N1	30-AUG-2010 03:25:08	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44432	No
43	GOM_TRA_1PNPDE20100830_032718_000000452092_00290_44432_9455.N1	30-AUG-2010 03:27:18	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44432	No
44	GOM_TRA_1PNPDE20100830_034236_000000422092_00290_44432_9467.N1	30-AUG-2010 03:42:36	Bright	42.000	42	34Bet Aur	1.9000	10200.	84	44432	No
45	GOM_TRA_1PNPDE20100830_034523_000000472092_00290_44432_9468.N1	30-AUG-2010 03:45:23	Bright	46.500	107	37The Aur	2.6490	11000.	93	44432	No
46	GOM_TRA_1PNPDE20100830_034735_000000422092_00290_44432_9469.N1	30-AUG-2010 03:47:35	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	44432	No
47	GOM_TRA_1PNPDE20100830_035022_000000552092_00290_44432_9470.N1	30-AUG-2010 03:50:22	Tw_i_and_stray	55.000	151	13Mu Gem	2.8900	3000.0	110	44432	No
48	GOM_TRA_1PNPDE20100830_035206_000000492092_00290_44432_9471.N1	30-AUG-2010 03:52:06	Tw_i_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	44432	No
49	GOM_TRA_1PNPDE20100830_035629_000000712092_00290_44432_9472.N1	30-AUG-2010 03:56:29	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	44432	No
50	GOM_TRA_1PNPDE20100830_040141_000000582092_00290_44432_9473.N1	30-AUG-2010 04:01:41	Dark	58.000	1	9Alp CMa	-1.4400	11000.	116	44432	No
51	GOM_TRA_1PNPDE20100830_040532_000000582092_00290_44432_9474.N1	30-AUG-2010 04:05:32	Dark	58.000	101	11Alp Lep	2.5820	7000.0	116	44432	No
52	GOM_TRA_1PNPDE20100830_042132_000000412092_00291_44433_9475.N1	30-AUG-2010 04:21:32	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44433	No
53	GOM_TRA_1PNPDE20100830_042247_000000452092_00291_44433_9476.N1	30-AUG-2010 04:22:47	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44433	No
54	GOM_TRA_1PNPDE20100830_042845_000000532092_00291_44433_9477.N1	30-AUG-2010 04:28:45	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	44433	No
55	GOM_TRA_1PNPDE20100830_043502_000000472092_00291_44433_9478.N1	30-AUG-2010 04:35:02	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44433	No
56	GOM_TRA_1PNPDE20100830_043956_000000422092_00291_44433_9479.N1	30-AUG-2010 04:39:56	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	44433	No
57	GOM_TRA_1PNPDE20100830_044306_000000392092_00291_44433_9480.N1	30-AUG-2010 04:43:06	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44433	No
58	GOM_TRA_1PNPDE20100830_044437_000000412092_00291_44433_9481.N1	30-AUG-2010 04:44:37	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44433	No
59	GOM_TRA_1PNPDE20100830_044738_000000392092_00291_44433_9482.N1	30-AUG-2010 04:47:38	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44433	No
60	GOM_TRA_1PNPDE20100830_045458_000000472092_00291_44433_9483.N1	30-AUG-2010 04:54:58	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	44433	No
61	GOM_TRA_1PNPDE20100830_050240_000000362092_00291_44433_9484.N1	30-AUG-2010 05:02:40	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	44433	No
62	GOM_TRA_1PNPDE20100830_050544_000000452092_00291_44433_9485.N1	30-AUG-2010 05:05:44	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44433	No
63	GOM_TRA_1PNPDE20100830_050753_000000462092_00291_44433_9486.N1	30-AUG-2010 05:07:53	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44433	No
64	GOM_TRA_1PNPDE20100830_052312_000000442092_00291_44433_9494.N1	30-AUG-2010 05:23:12	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	44433	No
65	GOM_TRA_1PNPDE20100830_052559_000000472092_00291_44433_9495.N1	30-AUG-2010 05:25:59	Bright	46.500	107	37The Aur	2.6490	11000.	93	44433	No
66	GOM_TRA_1PNPDE20100830_052811_000000372092_00291_44433_9496.N1	30-AUG-2010 05:28:11	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	44433	No
67	GOM_TRA_1PNPDE20100830_053059_000000562092_00291_44433_9497.N1	30-AUG-2010 05:30:59	Tw_i_and_stray	55.500	151	13Mu Gem	2.8900	3000.0	111	44433	No
68	GOM_TRA_1PNPDE20100830_053242_000000502092_00291_44433_9498.N1	30-AUG-2010 05:32:42	Tw_i_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	44433	No
69	GOM_TRA_1PNPDE20100830_053706_000000682092_00291_44433_9499.N1	30-AUG-2010 05:37:06	Dark	68.000	14	58Alp Ori	0.87000	3000.0	136	44433	No
70	GOM_TRA_1PNPDE20100830_054218_000000532092_00291_44433_9500.N1	30-AUG-2010 05:42:18	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	44433	No
71	GOM_TRA_1PNPDE20100830_054609_000000542092_00291_44433_9501.N1	30-AUG-2010 05:46:09	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44433	No



72	GOM_TRA_1PNPDE20100830_060208_000000412092_00292_44434_9502.N1	30-AUG-2010 06:02:08	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44434	No
73	GOM_TRA_1PNPDE20100830_060324_000000462092_00292_44434_9503.N1	30-AUG-2010 06:03:24	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44434	No
74	GOM_TRA_1PNPDE20100830_060922_000000532092_00292_44434_9504.N1	30-AUG-2010 06:09:22	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44434	No
75	GOM_TRA_1PNPDE20100830_061538_000000482092_00292_44434_9505.N1	30-AUG-2010 06:15:38	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44434	No
76	GOM_TRA_1PNPDE20100830_062033_000000432092_00292_44434_9506.N1	30-AUG-2010 06:20:33	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	44434	No
77	GOM_TRA_1PNPDE20100830_062342_000000382092_00292_44434_9507.N1	30-AUG-2010 06:23:42	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	44434	No
78	GOM_TRA_1PNPDE20100830_062514_000000412092_00292_44434_9508.N1	30-AUG-2010 06:25:14	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44434	No
79	GOM_TRA_1PNPDE20100830_062814_000000392092_00292_44434_9509.N1	30-AUG-2010 06:28:14	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44434	No
80	GOM_TRA_1PNPDE20100830_063533_000000482092_00292_44434_9510.N1	30-AUG-2010 06:35:33	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	44434	No
81	GOM_TRA_1PNPDE20100830_064315_000000382092_00292_44434_9511.N1	30-AUG-2010 06:43:15	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44434	No
82	GOM_TRA_1PNPDE20100830_064619_000000462092_00292_44434_9512.N1	30-AUG-2010 06:46:19	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44434	No
83	GOM_TRA_1PNPDE20100830_064829_000000472092_00292_44434_9513.N1	30-AUG-2010 06:48:29	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44434	No
84	GOM_TRA_1PNPDE20100830_193414_000000602092_00300_44442_9612.N1	30-AUG-2010 19:34:14	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	44442	No
85	GOM_TRA_1PNPDE20100830_194028_000000522092_00300_44442_9613.N1	30-AUG-2010 19:40:28	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44442	No
86	GOM_TRA_1PNPDE20100830_194521_000000502092_00300_44442_9614.N1	30-AUG-2010 19:45:21	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	44442	No
87	GOM_TRA_1PNPDE20100830_194830_000000402092_00300_44442_9615.N1	30-AUG-2010 19:48:30	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44442	No
88	GOM_TRA_1PNPDE20100830_195000_000000412092_00300_44442_9616.N1	30-AUG-2010 19:50:00	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44442	No
89	GOM_TRA_1PNPDE20100830_195301_000000392092_00300_44442_9617.N1	30-AUG-2010 19:53:01	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44442	No
90	GOM_TRA_1PNPDE20100830_200017_000000422092_00300_44442_9618.N1	30-AUG-2010 20:00:17	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44442	No
91	GOM_TRA_1PNPDE20100830_200802_000000382092_00300_44442_9619.N1	30-AUG-2010 20:08:02	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44442	No
92	GOM_TRA_1PNPDE20100830_201101_000000452092_00300_44442_9620.N1	30-AUG-2010 20:11:01	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44442	No
93	GOM_TRA_1PNPDE20100830_201310_000000472092_00300_44442_9621.N1	30-AUG-2010 20:13:10	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44442	No
94	GOM_TRA_1PNPDE20100830_202835_000000472092_00300_44442_9622.N1	30-AUG-2010 20:28:35	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44442	No
95	GOM_TRA_1PNPDE20100830_203122_000000512092_00300_44442_9623.N1	30-AUG-2010 20:31:22	Bright	51.000	107	37The Aur	2.6490	11000.	102	44442	No
96	GOM_TRA_1PNPDE20100830_203336_000000362092_00300_44442_9624.N1	30-AUG-2010 20:33:36	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	44442	No
97	GOM_TRA_1PNPDE20100830_203625_000000562092_00300_44442_9625.N1	30-AUG-2010 20:36:25	Tw_i_and_stray	55.500	151	13Mu Gem	2.8900	3000.0	111	44442	No
98	GOM_TRA_1PNPDE20100830_203809_000000472092_00300_44442_9626.N1	30-AUG-2010 20:38:09	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	44442	No
99	GOM_TRA_1PNPDE20100830_204236_000000422092_00300_44442_9627.N1	30-AUG-2010 20:42:36	Dark	41.500	14	58Alp Ori	0.87000	3000.0	83	44442	No
100	GOM_TRA_1PNPDE20100830_204746_000000502092_00300_44442_9639.N1	30-AUG-2010 20:47:46	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44442	No
101	GOM_TRA_1PNPDE20100830_204906_000000422092_00300_44442_9640.N1	30-AUG-2010 20:49:06	Dark	41.500	179	24Omi2CMa	3.0320	24000.	83	44442	No
102	GOM_TRA_1PNPDE20100830_205143_000000532092_00300_44442_9641.N1	30-AUG-2010 20:51:43	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	44442	No
103	GOM_TRA_1PNPDE20100830_210737_000000412092_00301_44443_9642.N1	30-AUG-2010 21:07:37	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44443	No
104	GOM_TRA_1PNPDE20100830_210852_000000462092_00301_44443_9643.N1	30-AUG-2010 21:08:52	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44443	No
105	GOM_TRA_1PNPDE20100830_211451_000000572092_00301_44443_9644.N1	30-AUG-2010 21:14:51	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	44443	No
106	GOM_TRA_1PNPDE20100830_212104_000000492092_00301_44443_9645.N1	30-AUG-2010 21:21:04	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44443	No
107	GOM_TRA_1PNPDE20100830_212557_000000482092_00301_44443_9646.N1	30-AUG-2010 21:25:57	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	44443	No
108	GOM_TRA_1PNPDE20100830_212906_000000392092_00301_44443_9647.N1	30-AUG-2010 21:29:06	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44443	No
109	GOM_TRA_1PNPDE20100830_213036_000000422092_00301_44443_9648.N1	30-AUG-2010 21:30:36	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44443	No
110	GOM_TRA_1PNPDE20100830_213337_000000392092_00301_44443_9649.N1	30-AUG-2010 21:33:37	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44443	No
111	GOM_TRA_1PNPDE20100830_214052_000000442092_00301_44443_9650.N1	30-AUG-2010 21:40:52	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	44443	No
112	GOM_TRA_1PNPDE20100830_214838_000000402092_00301_44443_9651.N1	30-AUG-2010 21:48:38	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44443	No
113	GOM_TRA_1PNPDE20100830_215136_000000472092_00301_44443_9652.N1	30-AUG-2010 21:51:36	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	44443	No
114	GOM_TRA_1PNPDE20100830_215346_000000482092_00301_44443_9653.N1	30-AUG-2010 21:53:46	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44443	No
115	GOM_TRA_1PNPDE20100830_220910_000000462092_00301_44443_9654.N1	30-AUG-2010 22:09:10	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44443	No
116	GOM_TRA_1PNPDE20100830_221158_000000522092_00301_44443_9655.N1	30-AUG-2010 22:11:58	Bright	52.000	107	37The Aur	2.6490	11000.	104	44443	No
117	GOM_TRA_1PNPDE20100830_221412_000000372092_00301_44443_9656.N1	30-AUG-2010 22:14:12	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	44443	No
118	GOM_TRA_1PNPDE20100830_221701_000000532092_00301_44443_9657.N1	30-AUG-2010 22:17:01	Tw_i_and_stray	53.000	151	13Mu Gem	2.8900	3000.0	106	44443	No
119	GOM_TRA_1PNPDE20100830_221845_000000502092_00301_44443_9658.N1	30-AUG-2010 22:18:45	Tw_i_and_stray	50.000	44	24Gam Gem	1.9280	11000.	100	44443	No
120	GOM_TRA_1PNPDE20100830_222313_000000422092_00301_44443_9659.N1	30-AUG-2010 22:23:13	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	44443	No
121	GOM_TRA_1PNPDE20100830_222823_000000482092_00301_44443_9656.N1	30-AUG-2010 22:28:23	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	44443	No
122	GOM_TRA_1PNPDE20100830_222942_000000402092_00301_44443_9657.N1	30-AUG-2010 22:29:42	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	44443	No
123	GOM_TRA_1PNPDE20100830_223220_000000542092_00301_44443_9658.N1	30-AUG-2010 22:32:20	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	44443	No
124	GOM_TRA_1PNPDE20100830_224813_000000402092_00302_44444_9659.N1	30-AUG-2010 22:48:13	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44444	No
125	GOM_TRA_1PNPDE20100830_224929_000000452092_00302_44444_9660.N1	30-AUG-2010 22:49:29	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44444	No
126	GOM_TRA_1PNPDE20100830_225527_000000492092_00302_44444_9661.N1	30-AUG-2010 22:55:27	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44444	No
127	GOM_TRA_1PNPDE20100830_230140_000000482092_00302_44444_9662.N1	30-AUG-2010 23:01:40	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44444	No
128	GOM_TRA_1PNPDE20100830_230633_000000472092_00302_44444_9663.N1	30-AUG-2010 23:06:33	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44444	No
129	GOM_TRA_1PNPDE20100830_230942_000000392092_00302_44444_9664.N1	30-AUG-2010 23:09:42	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44444	No
130	GOM_TRA_1PNPDE20100830_231112_000000412092_00302_44444_9665.N1	30-AUG-2010 23:11:12	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44444	No

131	GOM_TRA_1PNPDE20100830_231412_000000382092_00302_44444_9666.N1	30-AUG-2010 23:14:12	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44444	No
132	GOM_TRA_1PNPDE20100830_232127_000000462092_00302_44444_9667.N1	30-AUG-2010 23:21:27	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44444	No
133	GOM_TRA_1PNPDE20100830_232914_000000382092_00302_44444_9668.N1	30-AUG-2010 23:29:14	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44444	No
134	GOM_TRA_1PNPDE20100830_233212_000000422092_00302_44444_9669.N1	30-AUG-2010 23:32:12	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44444	No
135	GOM_TRA_1PNPDE20100830_233421_000000472092_00302_44444_9670.N1	30-AUG-2010 23:34:21	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44444	No
136	GOM_TRA_1PNPDE20100830_234946_000000482092_00302_44444_9671.N1	30-AUG-2010 23:49:46	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44444	No
137	GOM_TRA_1PNPDE20100830_235234_000000672092_00302_44444_9672.N1	30-AUG-2010 23:52:34	Bright	67.000	107	37The Aur	2.6490	11000.	134	44444	No
138	GOM_TRA_1PNPDE20100830_235448_000000352092_00302_44444_9673.N1	30-AUG-2010 23:54:48	Bright	34.500	17	78Bet Gem	1.1610	4500.0	69	44444	No
139	GOM_TRA_1PNPDE20100830_235737_000000512092_00302_44444_9674.N1	30-AUG-2010 23:57:37	Twilight_stray	50.500	151	13Mu Gem	2.8900	3000.0	101	44444	No
140	GOM_TRA_1PNPDE20100830_235921_000000492092_00302_44444_9675.N1	30-AUG-2010 23:59:21	Twilight_stray	49.000	44	24Gam Gem	1.9280	11000.	98	44444	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.

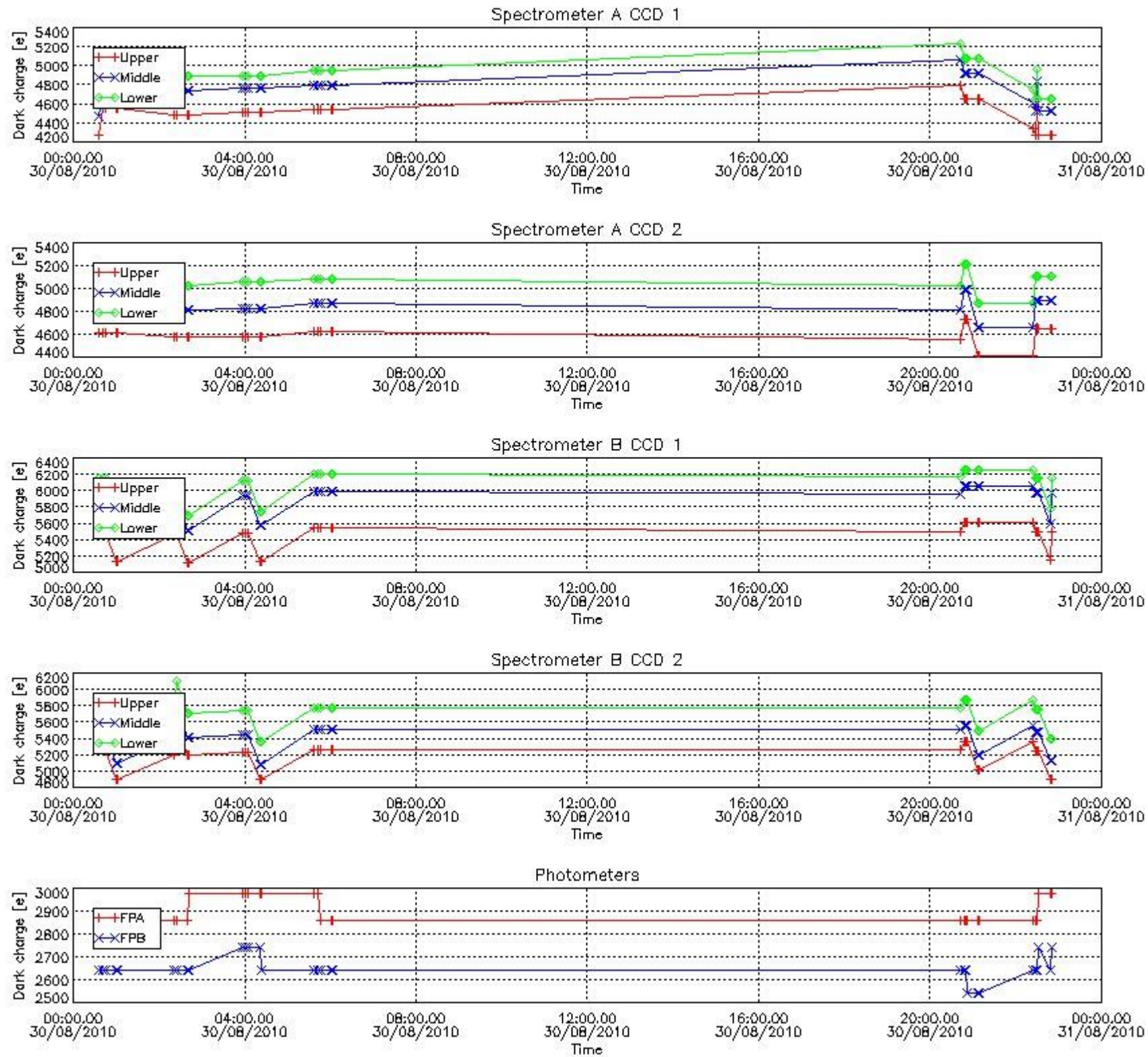
#### 4.1 These products did not use the DSA observation for DC computation:

Product name	DC information
--------------	----------------

GOM_TRA_1PNPDE20100830_193414_000000602092_00300_44442_9612.N1	DC map with no T dep.
GOM_TRA_1PNPDE20100830_194028_000000522092_00300_44442_9613.N1	DC map used
GOM_TRA_1PNPDE20100830_194521_000000502092_00300_44442_9614.N1	DC map used
GOM_TRA_1PNPDE20100830_194830_000000402092_00300_44442_9615.N1	DC map used
GOM_TRA_1PNPDE20100830_195000_000000412092_00300_44442_9616.N1	DC map used
GOM_TRA_1PNPDE20100830_195301_000000392092_00300_44442_9617.N1	DC map used
GOM_TRA_1PNPDE20100830_200017_000000422092_00300_44442_9618.N1	DC map used
GOM_TRA_1PNPDE20100830_200802_000000382092_00300_44442_9619.N1	DC map used
GOM_TRA_1PNPDE20100830_201101_000000452092_00300_44442_9620.N1	DC map used
GOM_TRA_1PNPDE20100830_201310_000000472092_00300_44442_9621.N1	DC map used
GOM_TRA_1PNPDE20100830_202835_000000472092_00300_44442_9622.N1	DC map used
GOM_TRA_1PNPDE20100830_203122_000000512092_00300_44442_9623.N1	DC map used
GOM_TRA_1PNPDE20100830_203336_000000362092_00300_44442_9624.N1	DC map used
GOM_TRA_1PNPDE20100830_203625_000000562092_00300_44442_9625.N1	DC map used
GOM_TRA_1PNPDE20100830_203809_000000472092_00300_44442_9626.N1	DC map used
GOM_TRA_1PNPDE20100830_204236_000000422092_00300_44442_9627.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

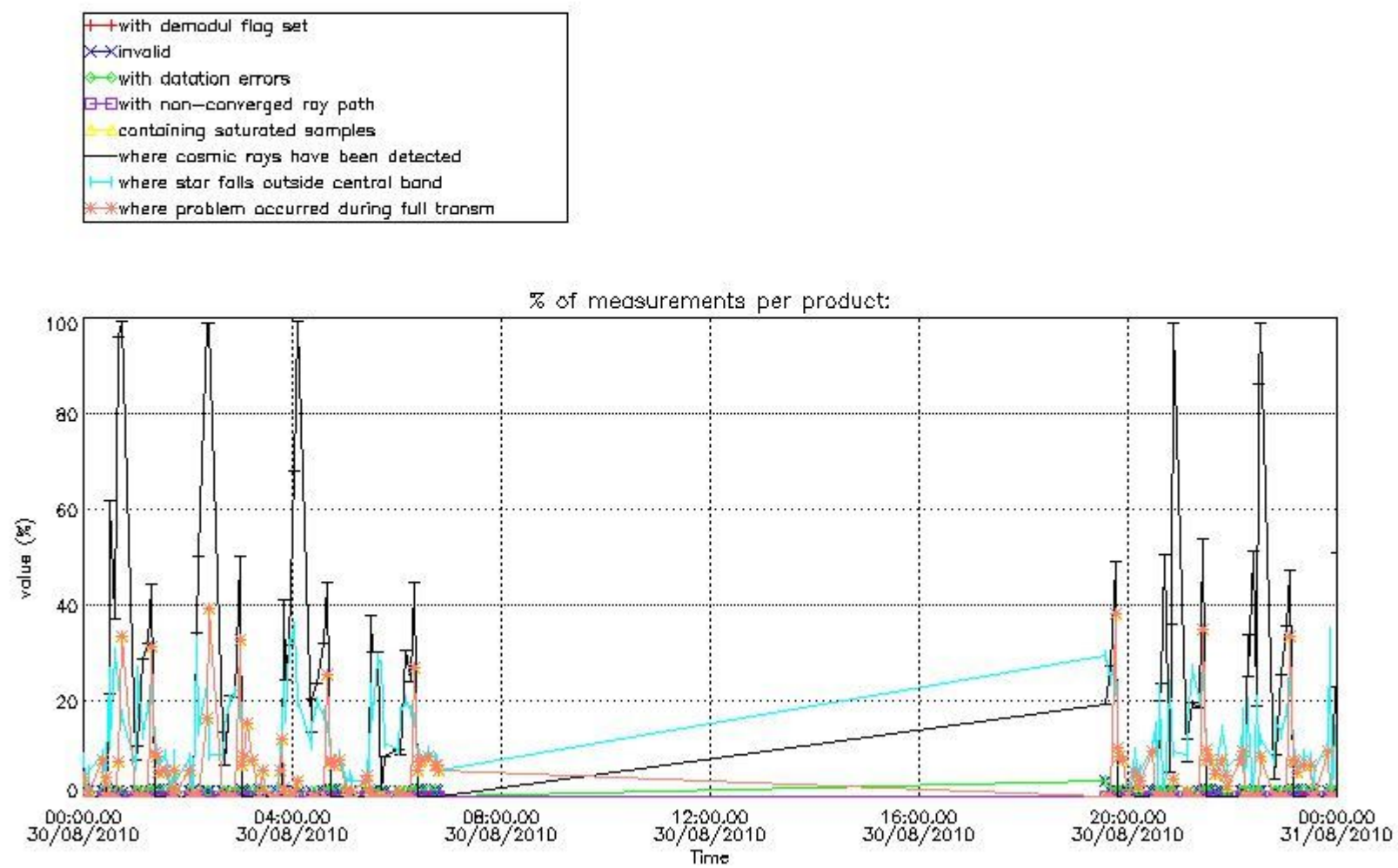
In this section it is presented the modulation information extracted from the pcd (product confidence data) at measurement level and information extracted from the Quality Summary dataset. Only products without errors (error flag in the MPH set to "0") are used.

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

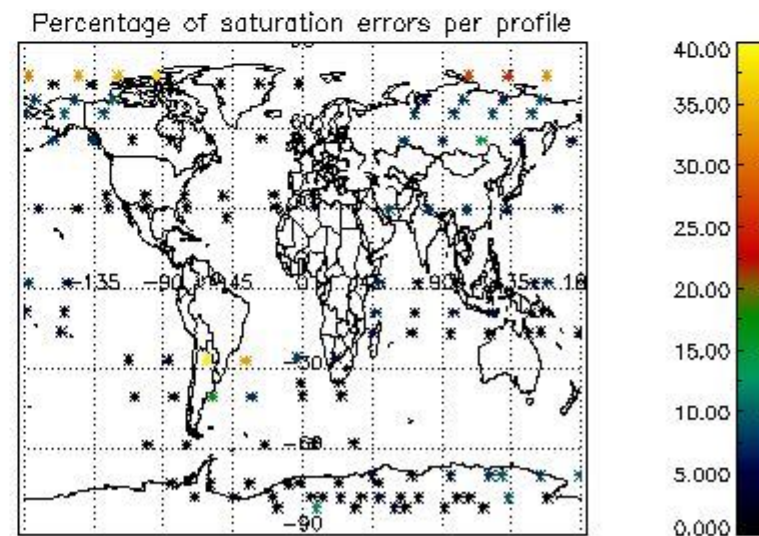
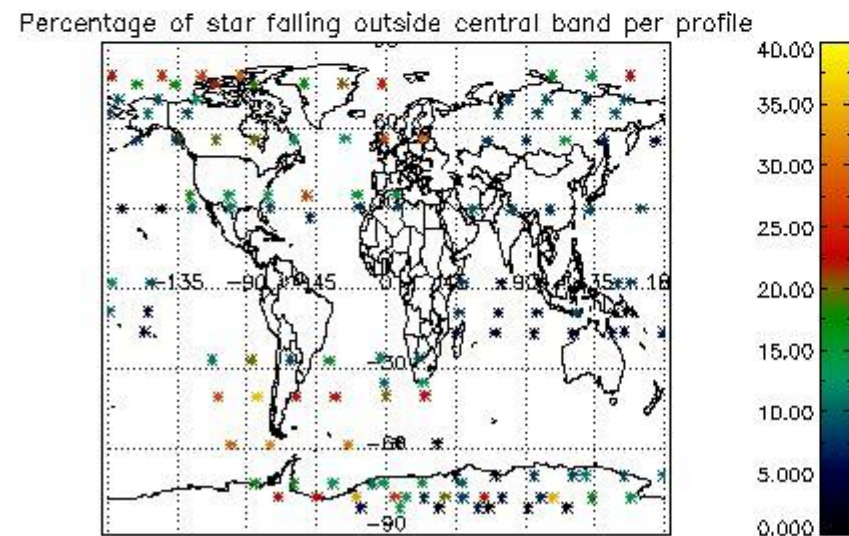
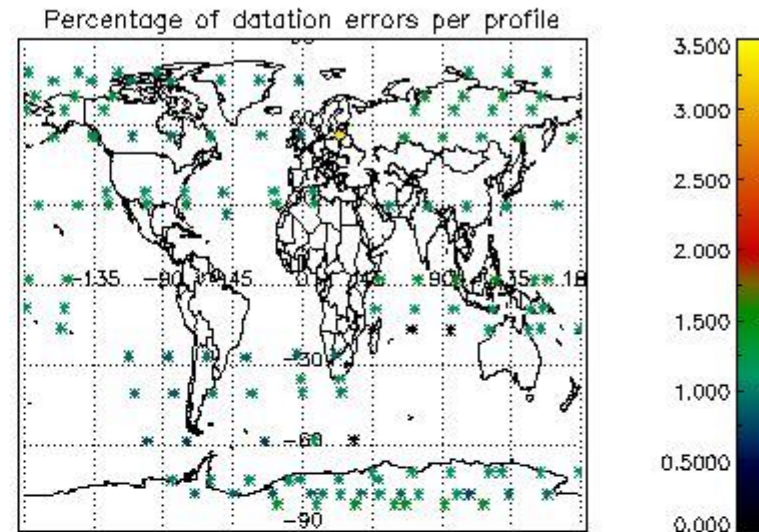
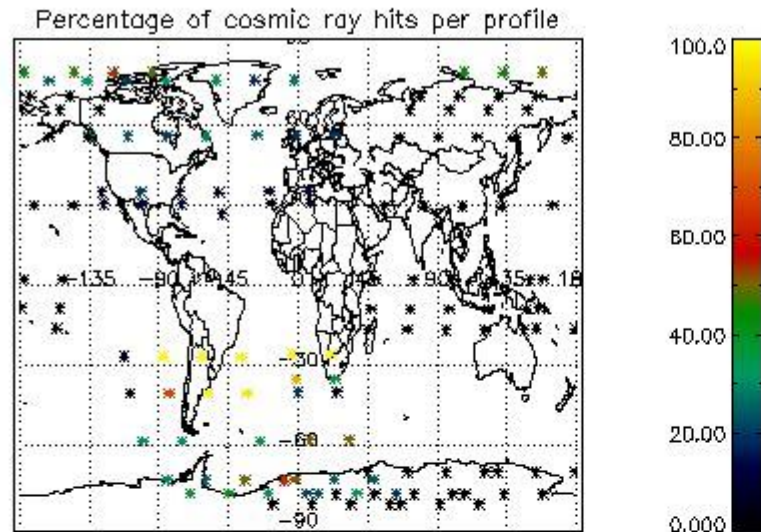


At least one measurement with demodulation flag set:	35.2518 %
Reference spectrum computed from DB:	0.00000 %
Reference spectrum with small number of measurements:	0.00000 %
SATU data not used:	0.00000 %

### 5.2 Plot quality information per product (time dependant)



### 5.3 Plot quality information per product (world map)



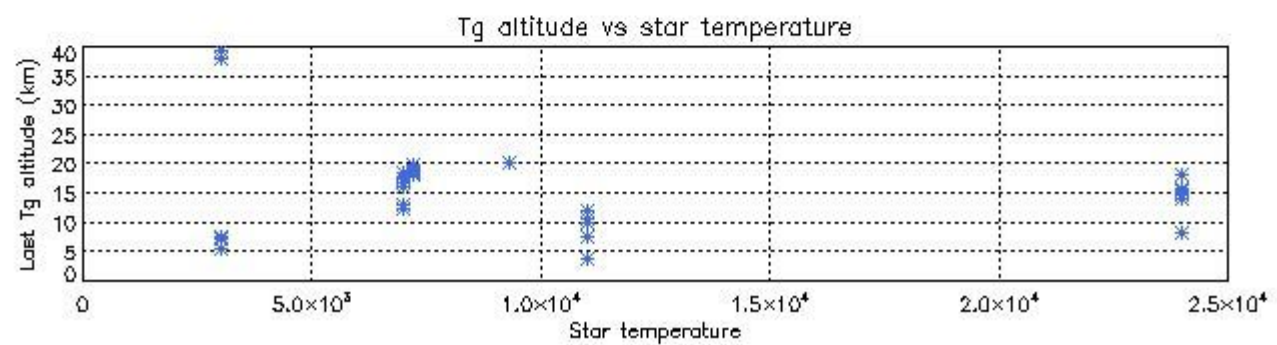
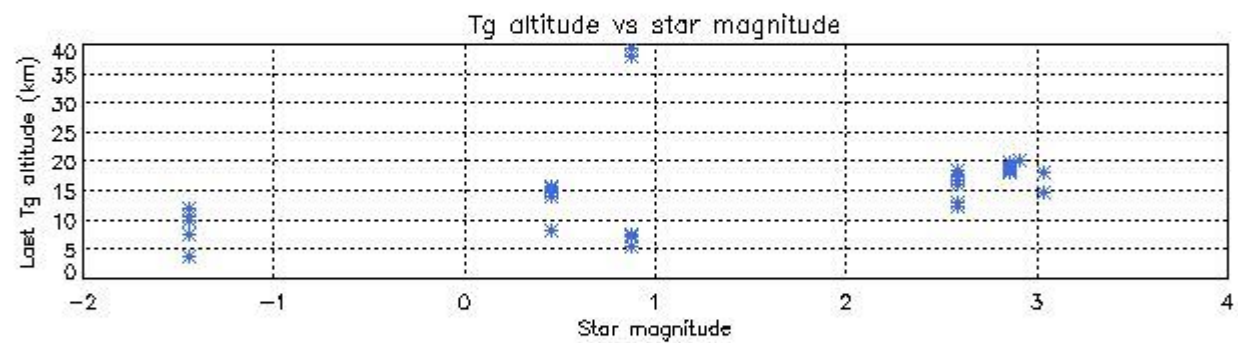
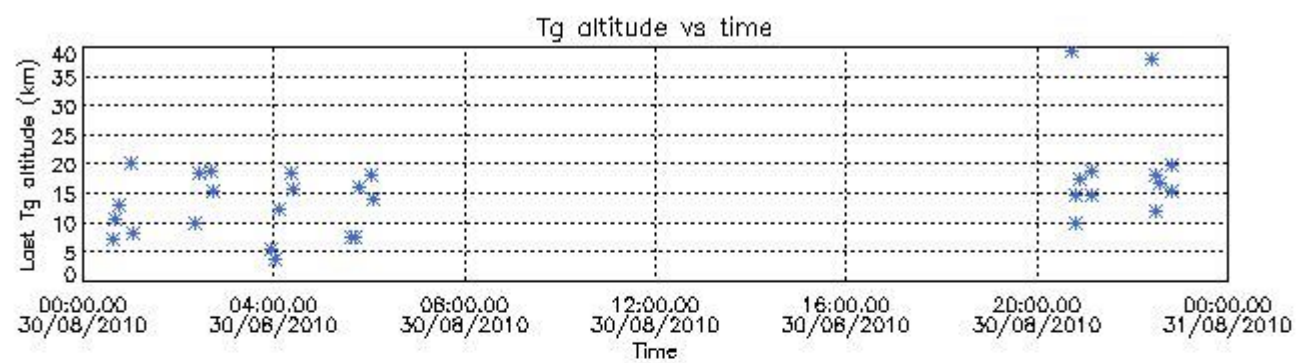
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	15.306	19.142	NaN
St. deviation:	7.6921	4.4462	NaN
Maximum:	39.212	28.766	NaN
Minimum:	3.7340	4.2013	NaN
Number of data:	31.000	80.000	NaN

### 6.2 Plot for DARK limb products

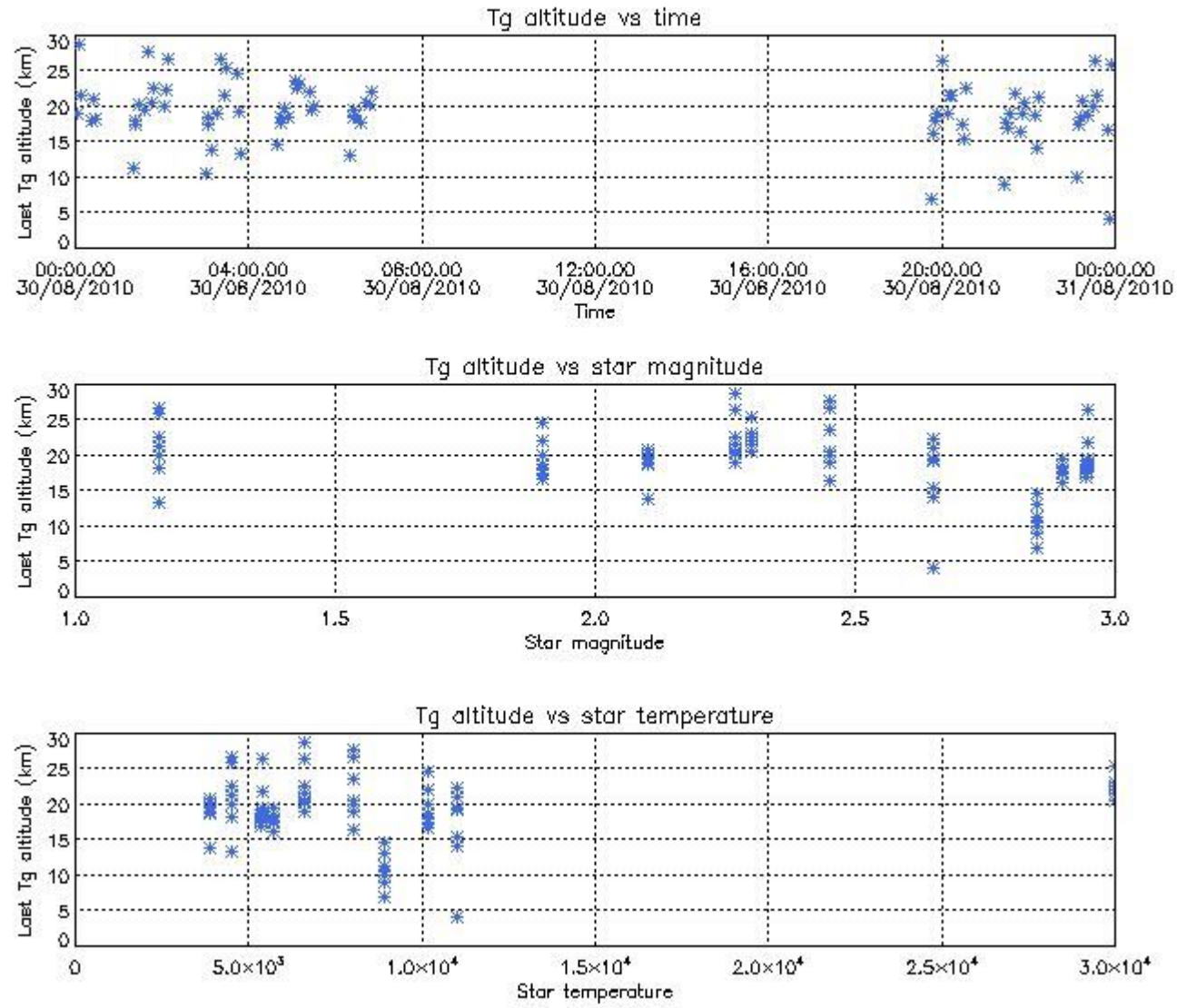
Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products



Tangent altitude at which the star is lost

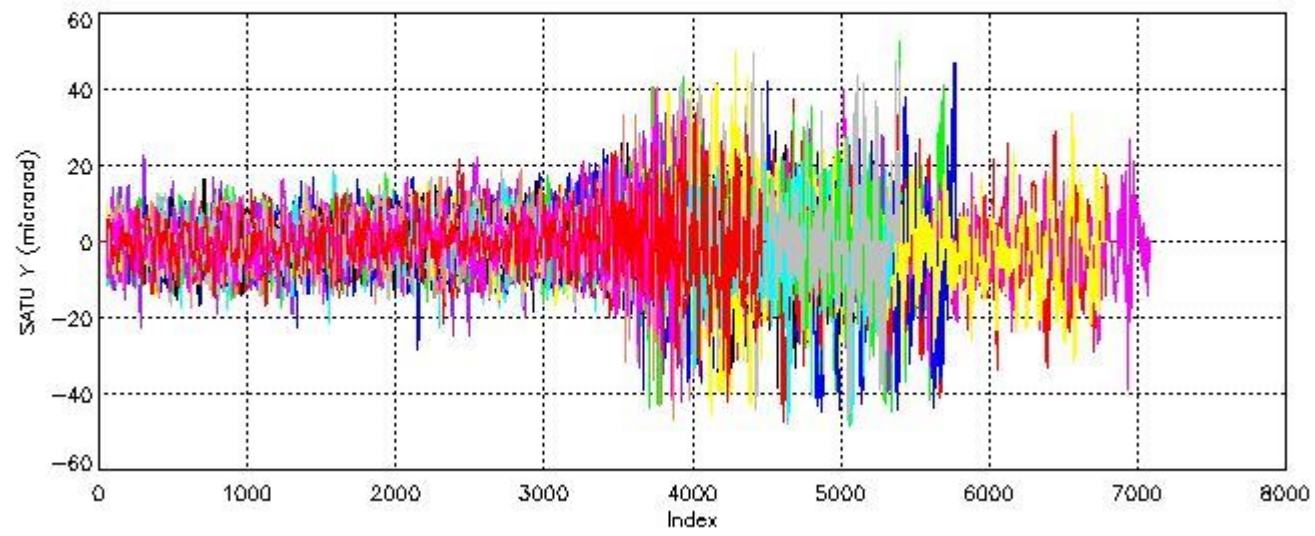
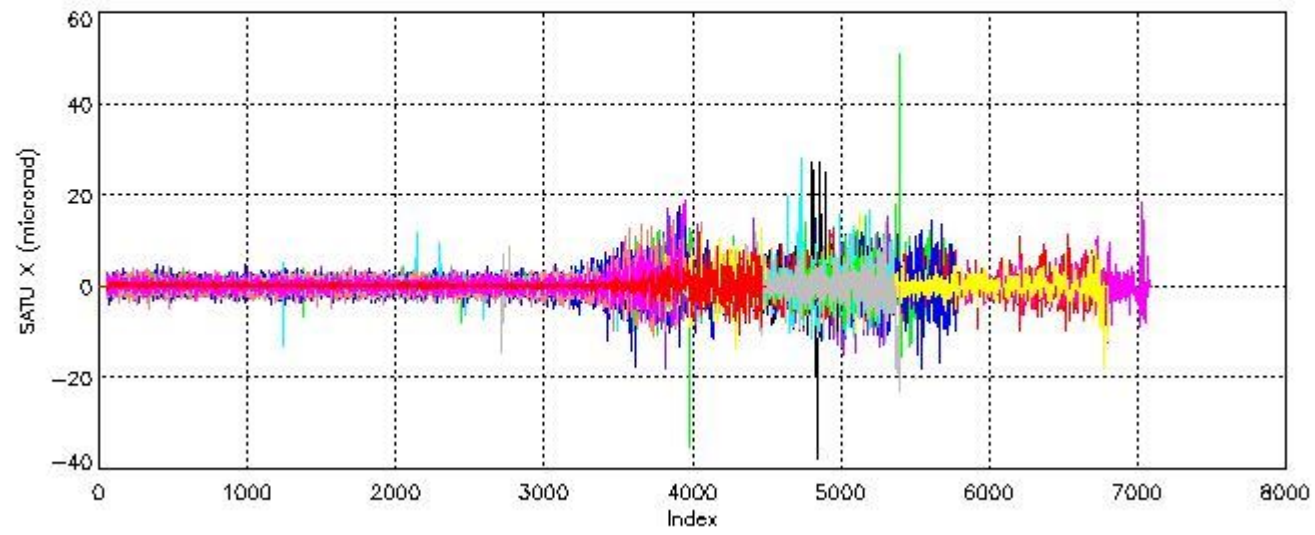


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.19414	-0.77486	0.20497	-0.60150
St. deviation:	0.59100	4.6722	0.78991	4.3050
Maximum:	4.7000	22.800	4.2000	16.200
Minimum:	-4.8000	-22.500	-3.8000	-19.800

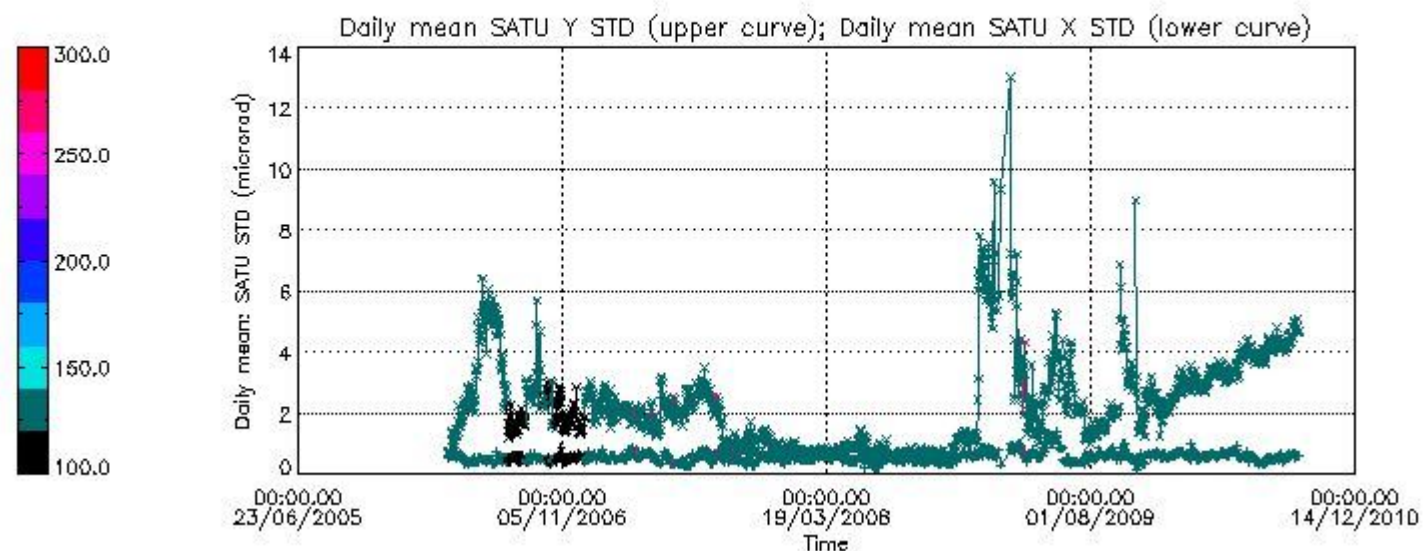
Number of data:	33150.	33150.	79000.	79000.
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### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

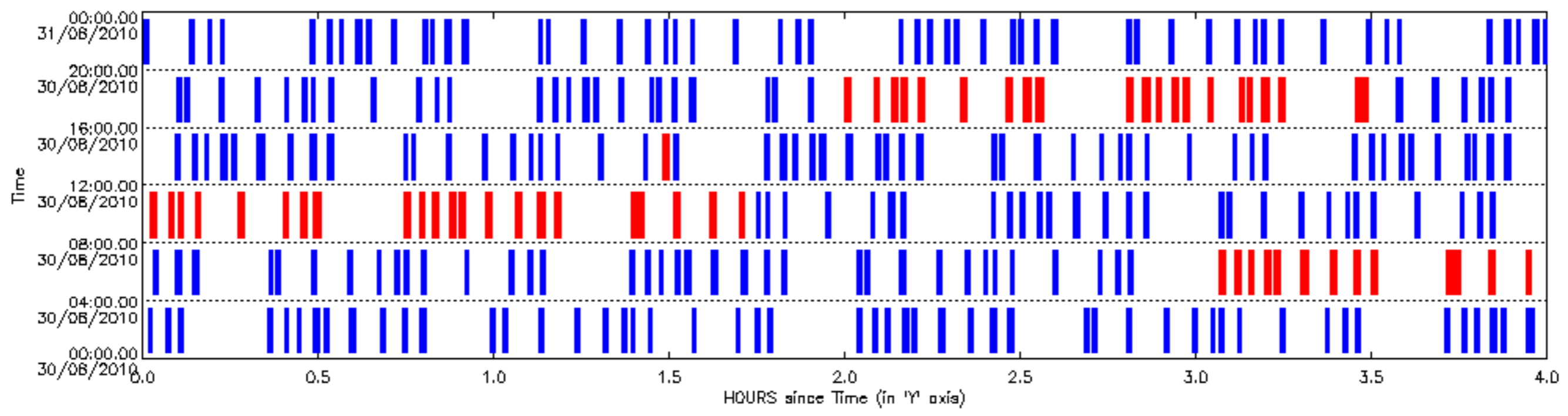


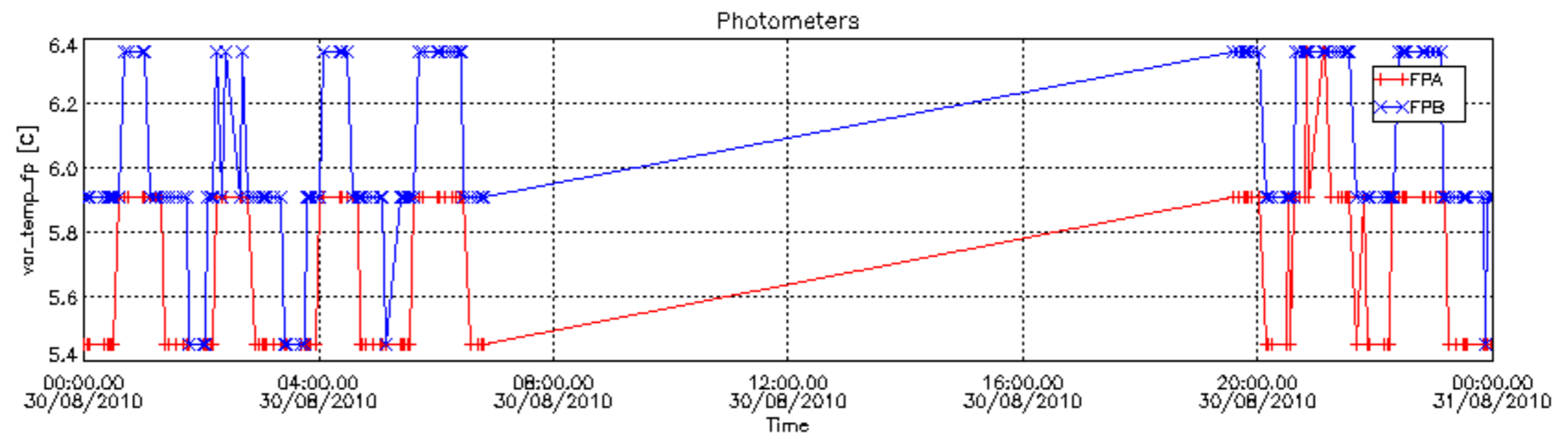
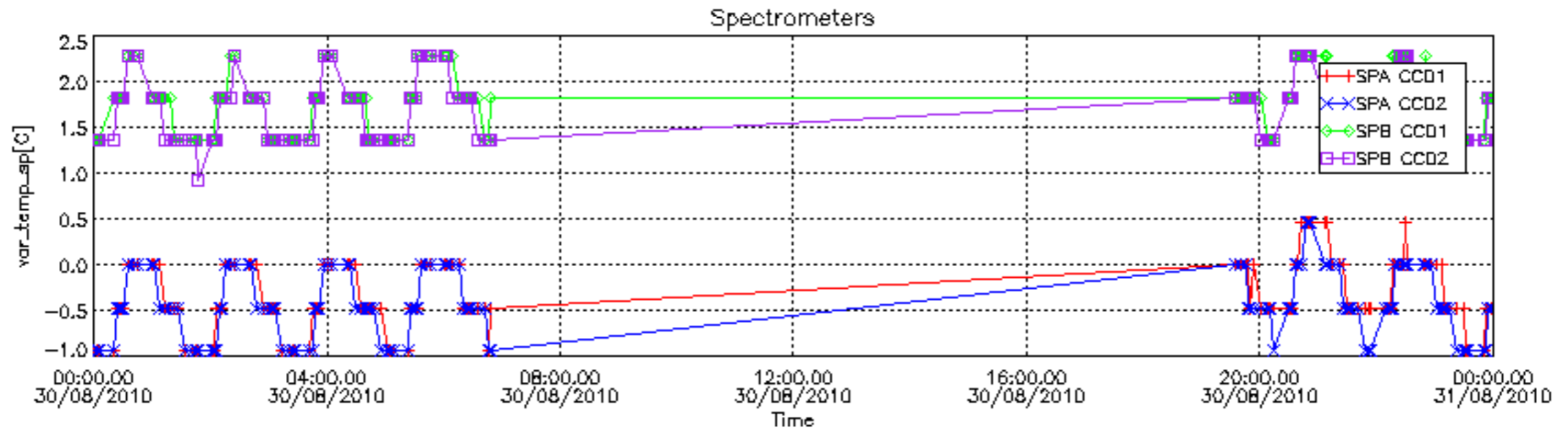
### 8. Auxiliary Data Files used for the production reported in section 2.4

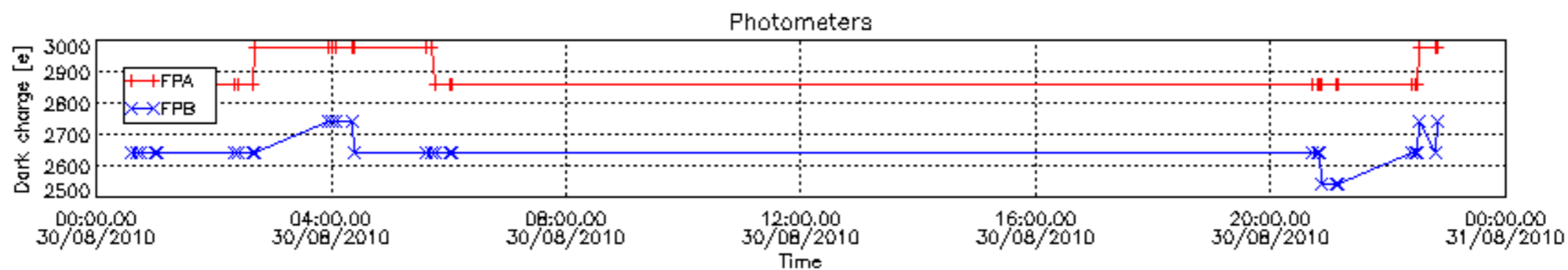
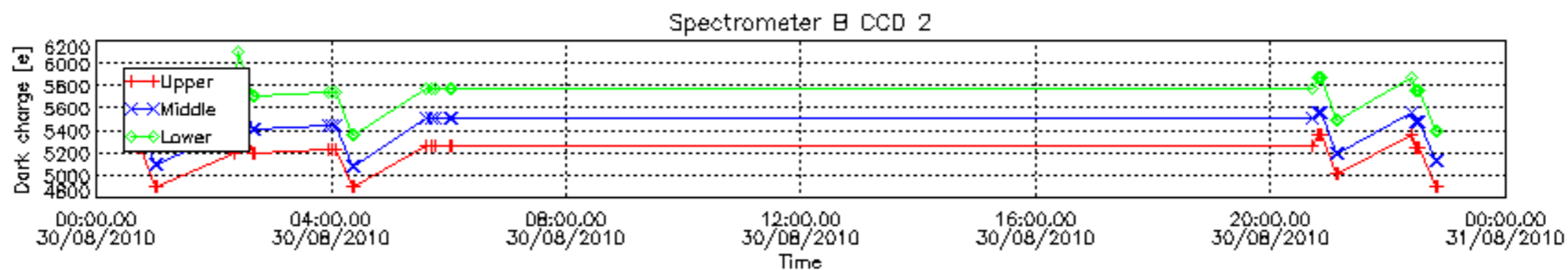
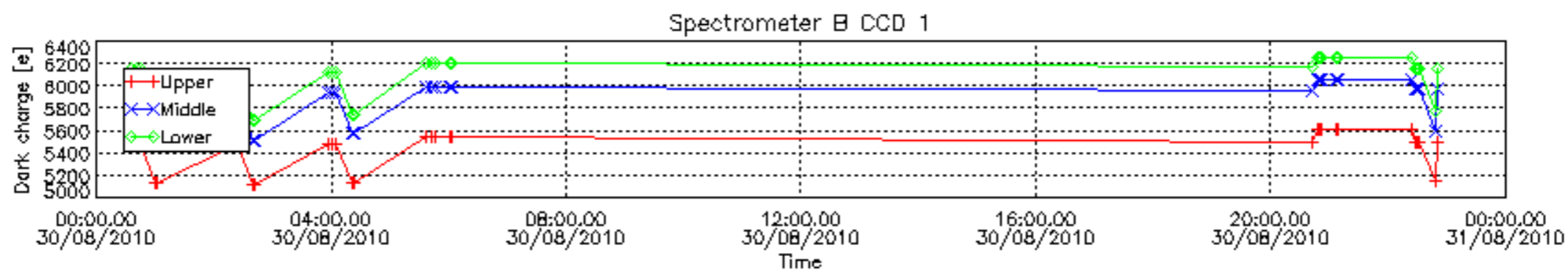
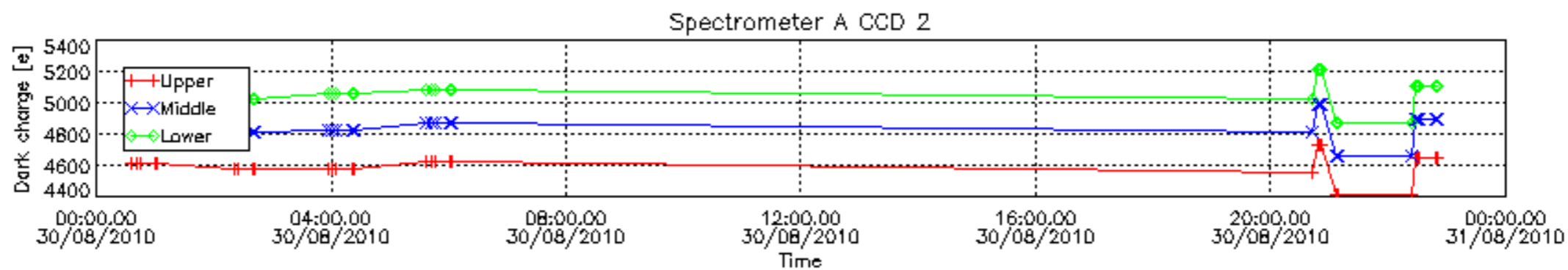
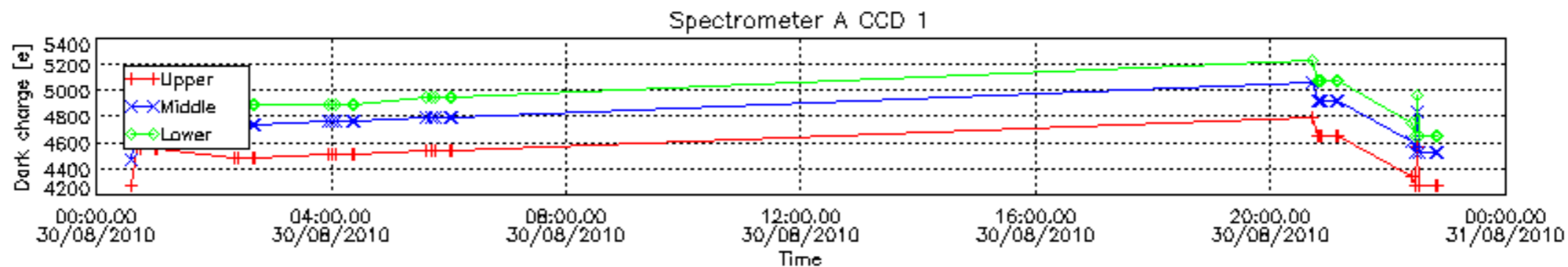
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-AUG-2010 00:00:53
CALIBRATION_DATABASE	GOM_CAL_AXVIEC20100824_082223_20100822_000000_20500101_000000	1	30-AUG-2010 00:00:53
LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	30-AUG-2010 00:00:53
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	30-AUG-2010 00:00:53
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	30-AUG-2010 00:00:53
ECMWF_FILE	AUX_ECF_AXNECM20100829_054113_20100829_210000_20100830_090000	1	30-AUG-2010 00:00:53
ECMWF_FILE	AUX_ECF_AXNECM20100829_172117_20100830_030000_20100830_150000	44	30-AUG-2010 03:42:36
ECMWF_FILE	AUX_ECA_AXNECM20100830_052112_20100829_210000_20100830_090000	64	30-AUG-2010 05:23:12
ECMWF_FILE	AUX_ECA_AXNECM20100830_170816_20100830_090000_20100830_210000	84	30-AUG-2010 19:34:14
ECMWF_FILE	AUX_ECF_AXNECM20100830_052113_20100830_150000_20100831_030000	100	30-AUG-2010 20:47:46
ECMWF_FILE	AUX_ECF_AXNECM20100830_054114_20100830_210000_20100831_090000	121	30-AUG-2010 22:28:23
OPTIONAL_ECMWF_FILE	MISSING	1	30-AUG-2010 00:00:53
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100829_225727_000057382092_00287_44429_0955.N1	1	30-AUG-2010 00:00:53
ORBIT_DATA_FILE	AUX_FPO_AXVPDS20100827_092114_20100826_194417_20100905_211030	10	30-AUG-2010 00:40:28
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100830_021403_000041442092_00289_44431_0957.N1	29	30-AUG-2010 02:15:53
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100830_032826_000057382092_00290_44432_0958.N1	44	30-AUG-2010 03:42:36
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100830_050923_000057382092_00291_44433_0959.N1	64	30-AUG-2010 05:23:12
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100830_193007_000041442092_00300_44442_0960.N1	84	30-AUG-2010 19:34:14
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100830_204430_000057382092_00300_44442_0961.N1	100	30-AUG-2010 20:47:46
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100830_222527_000057382092_00301_44443_0962.N1	121	30-AUG-2010 22:28:23

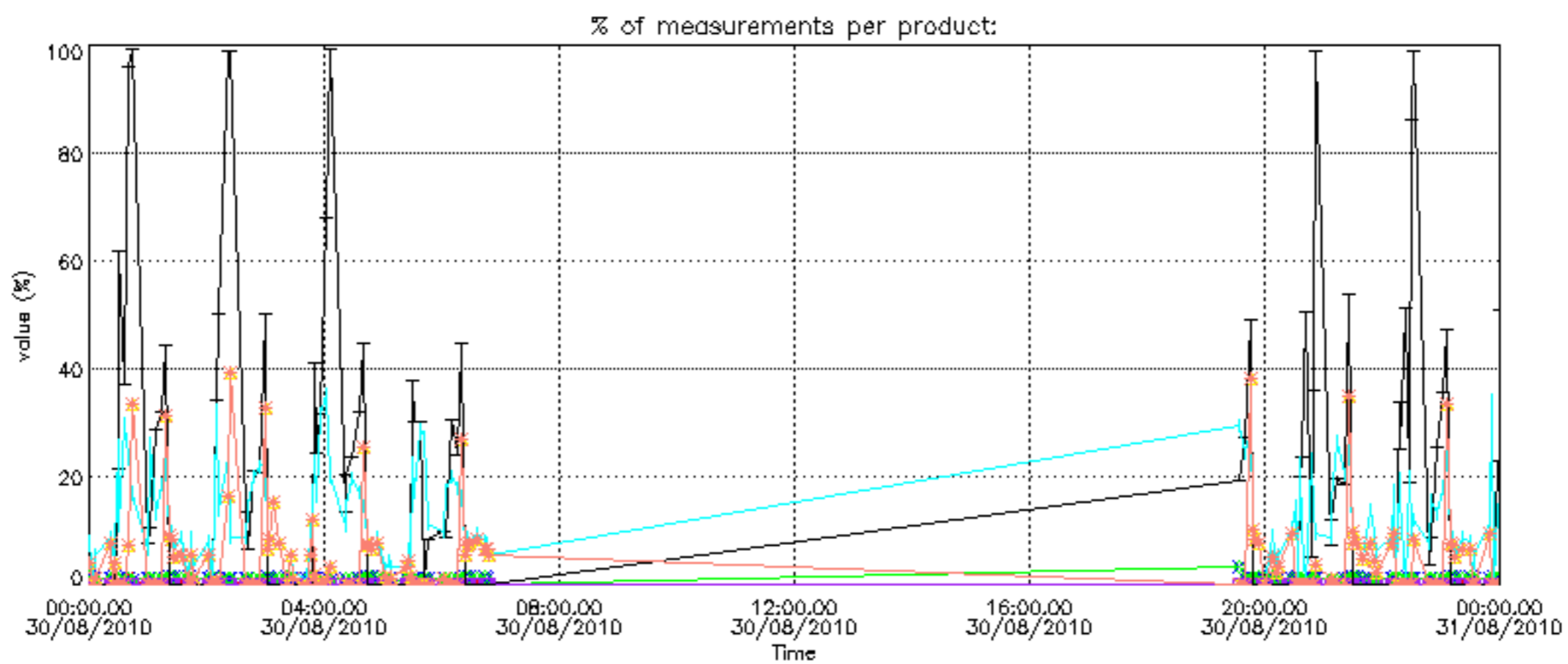




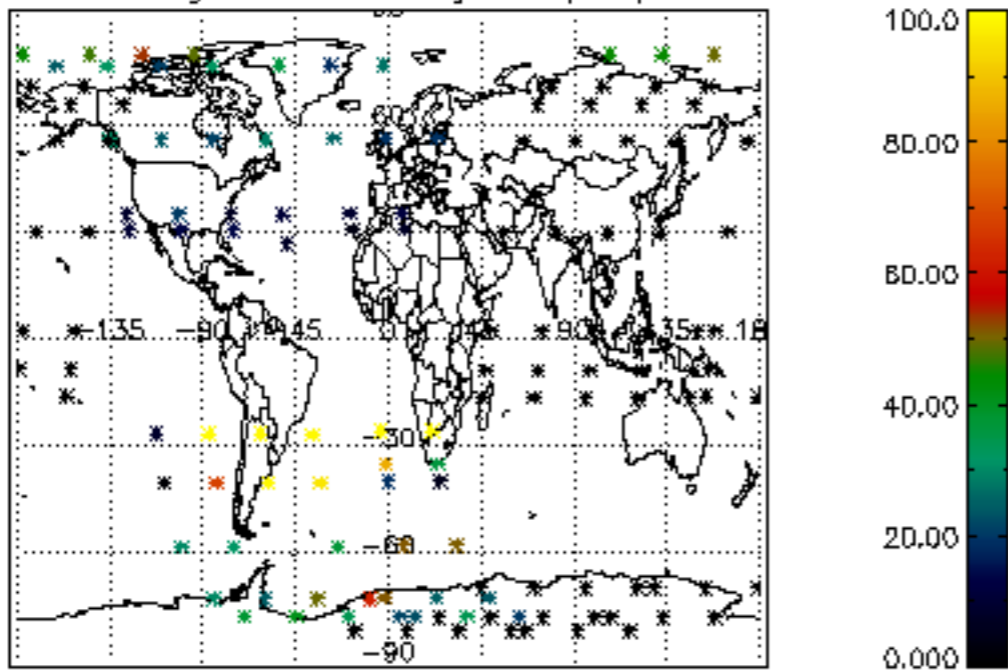




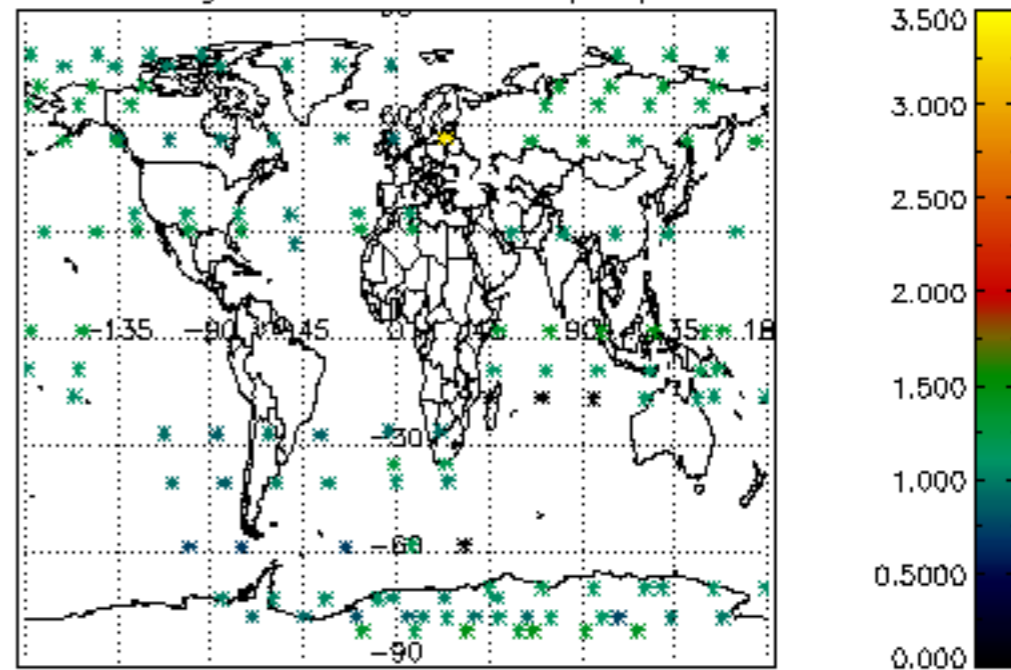




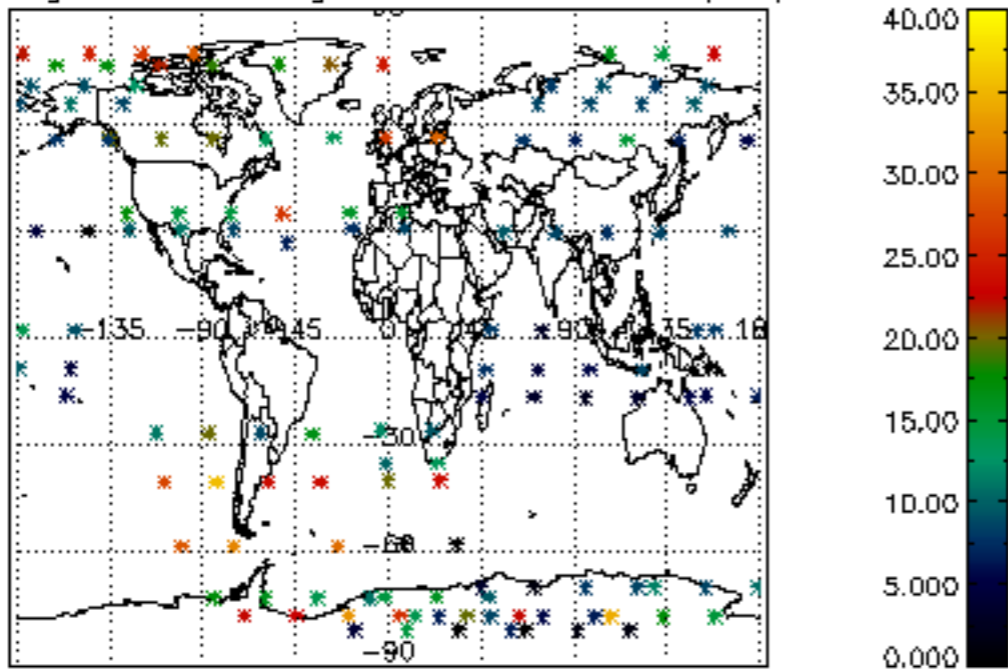
Percentage of cosmic ray hits per profile



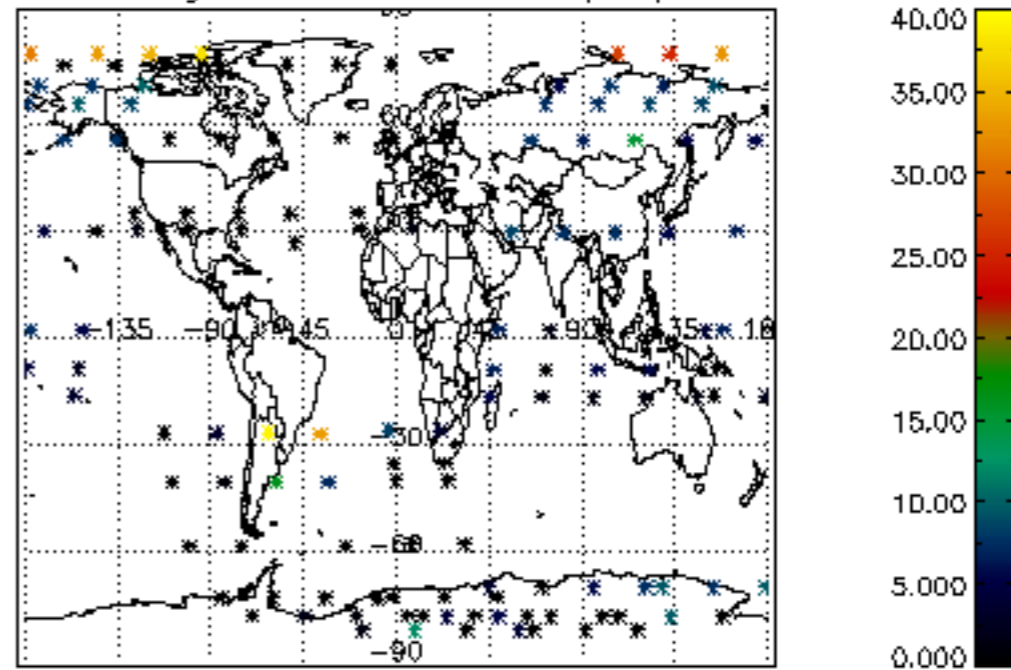
Percentage of datation errors per profile



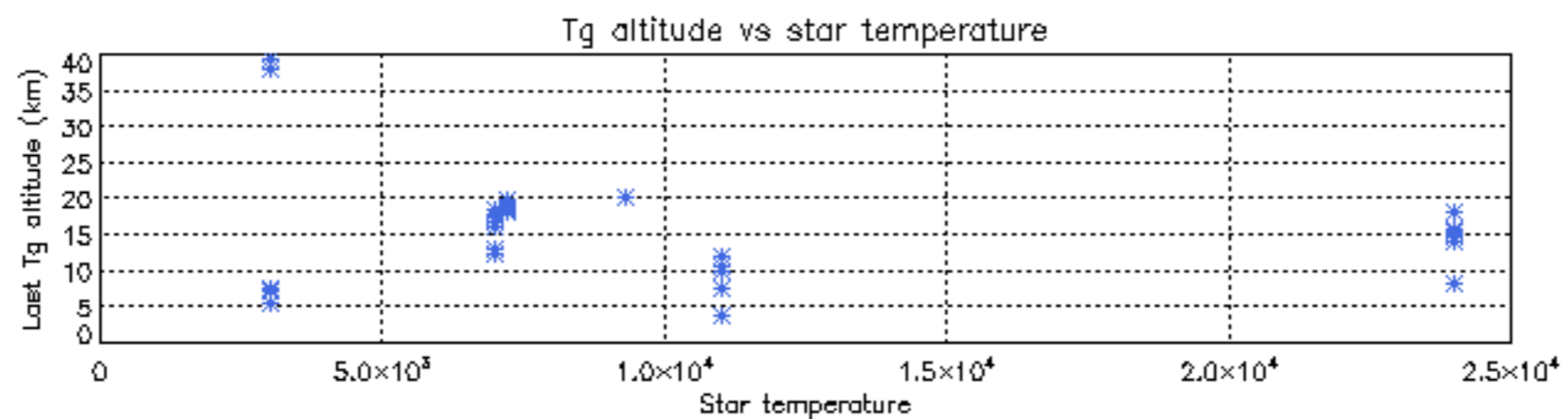
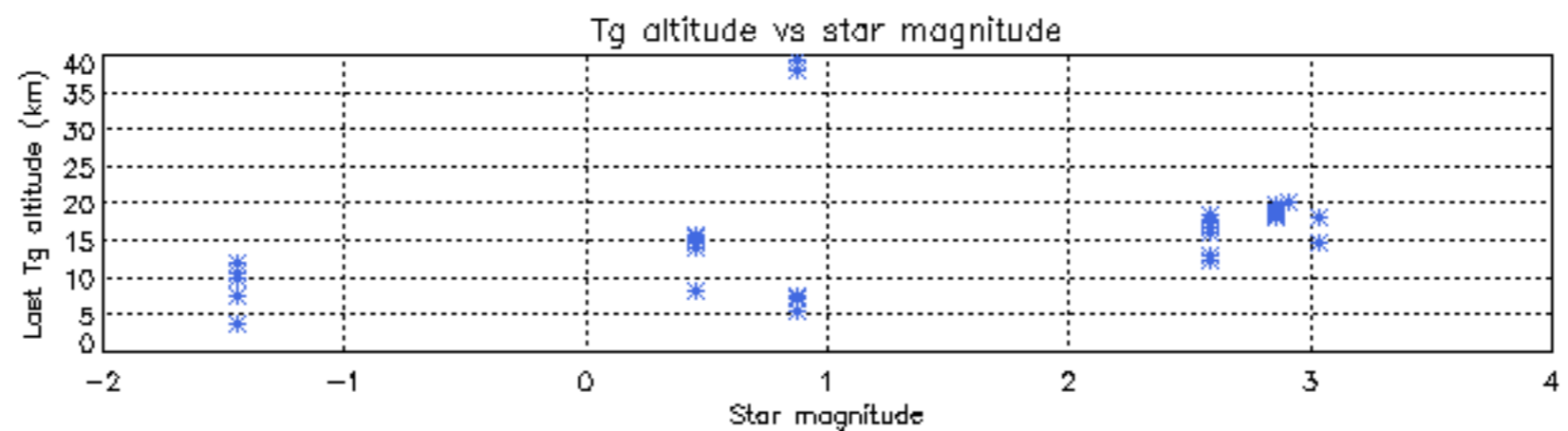
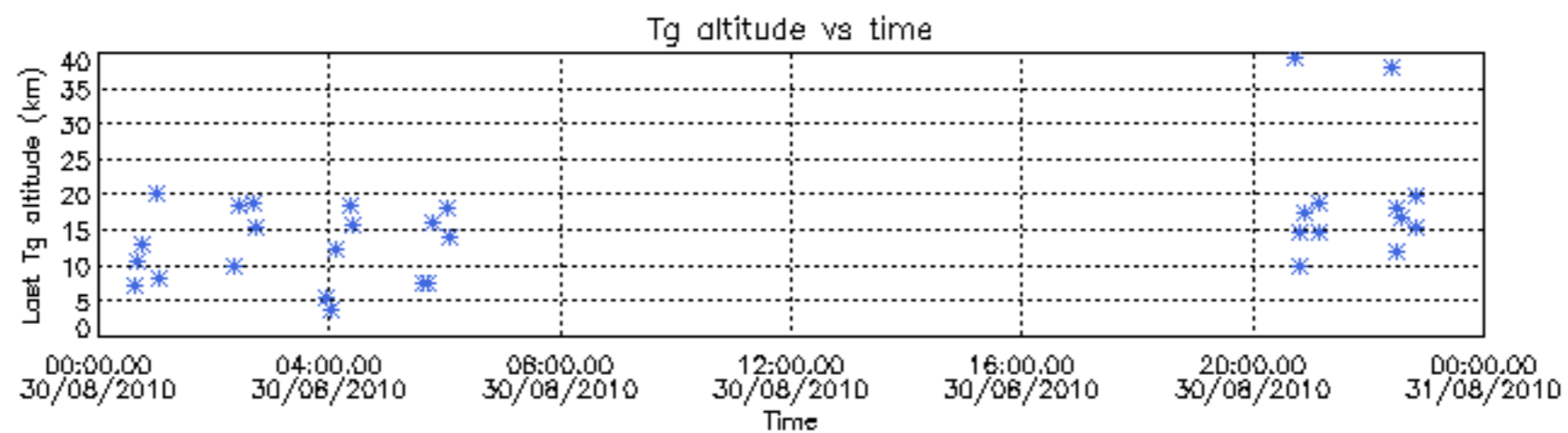
Percentage of star falling outside central band per profile



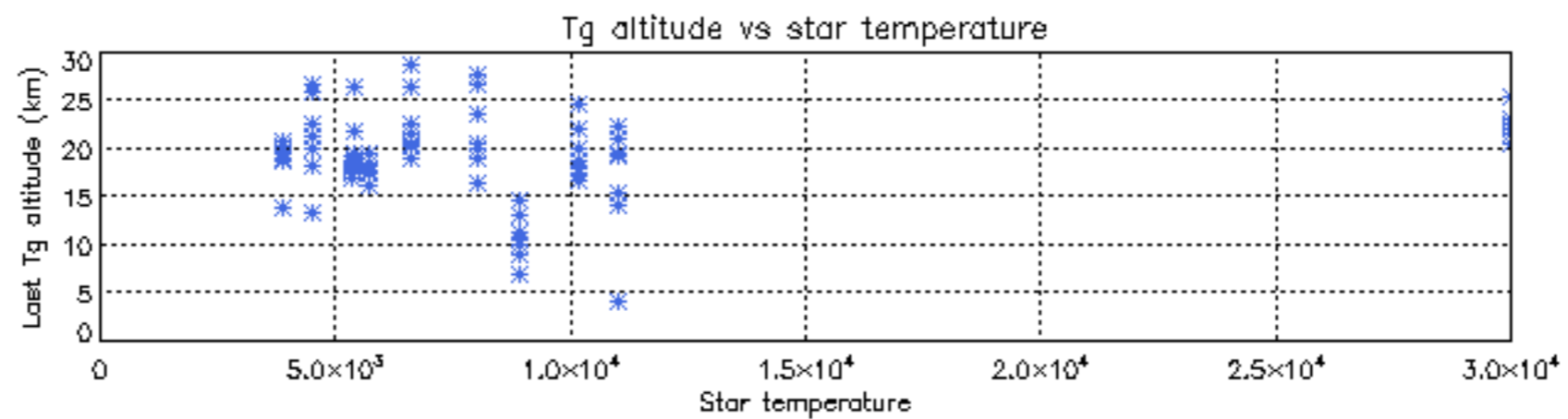
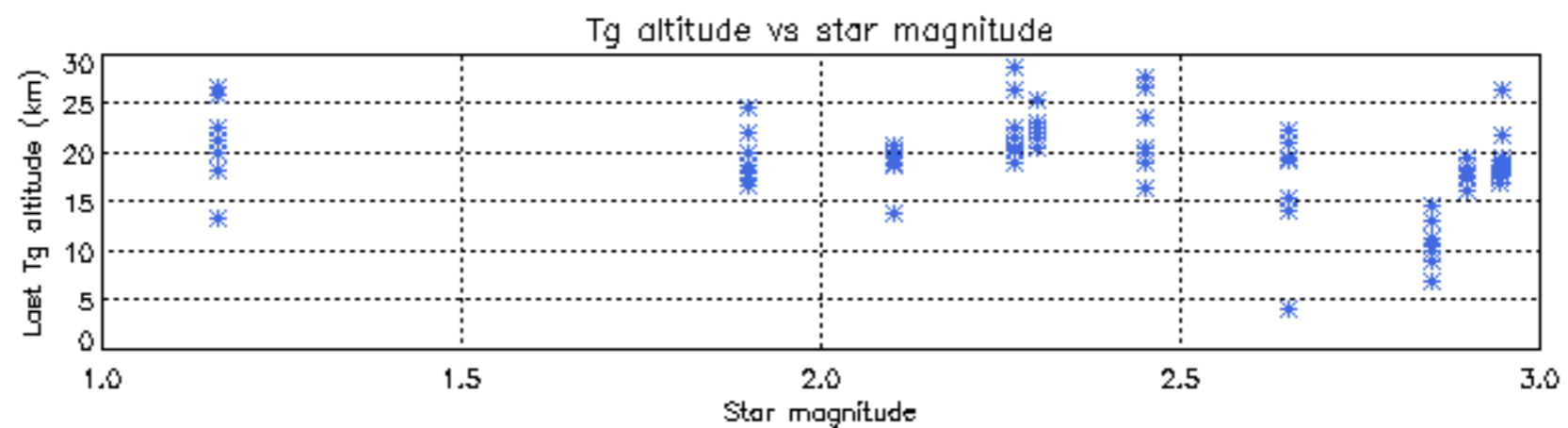
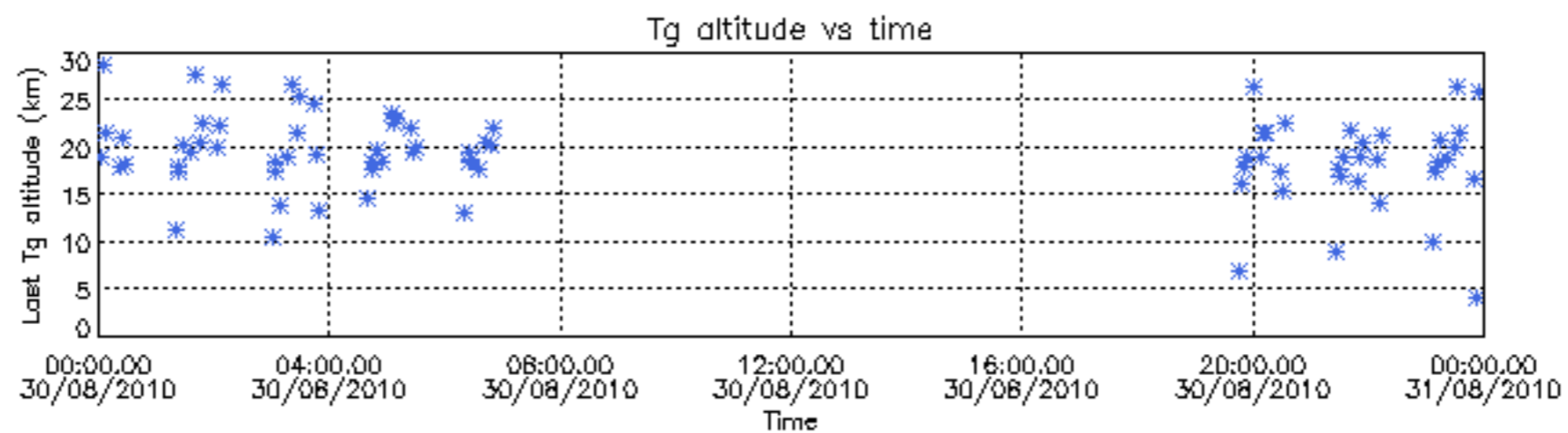
Percentage of saturation errors per profile



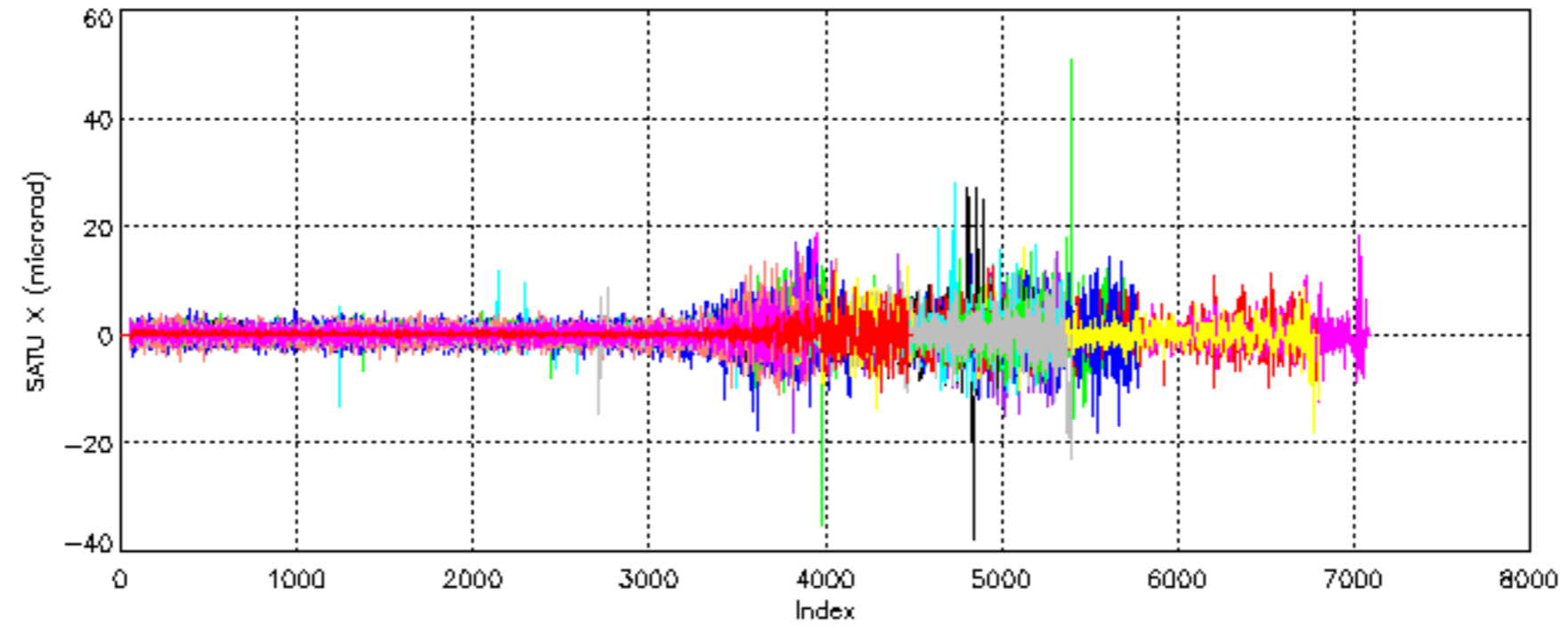
Tangent altitude at which the star is lost

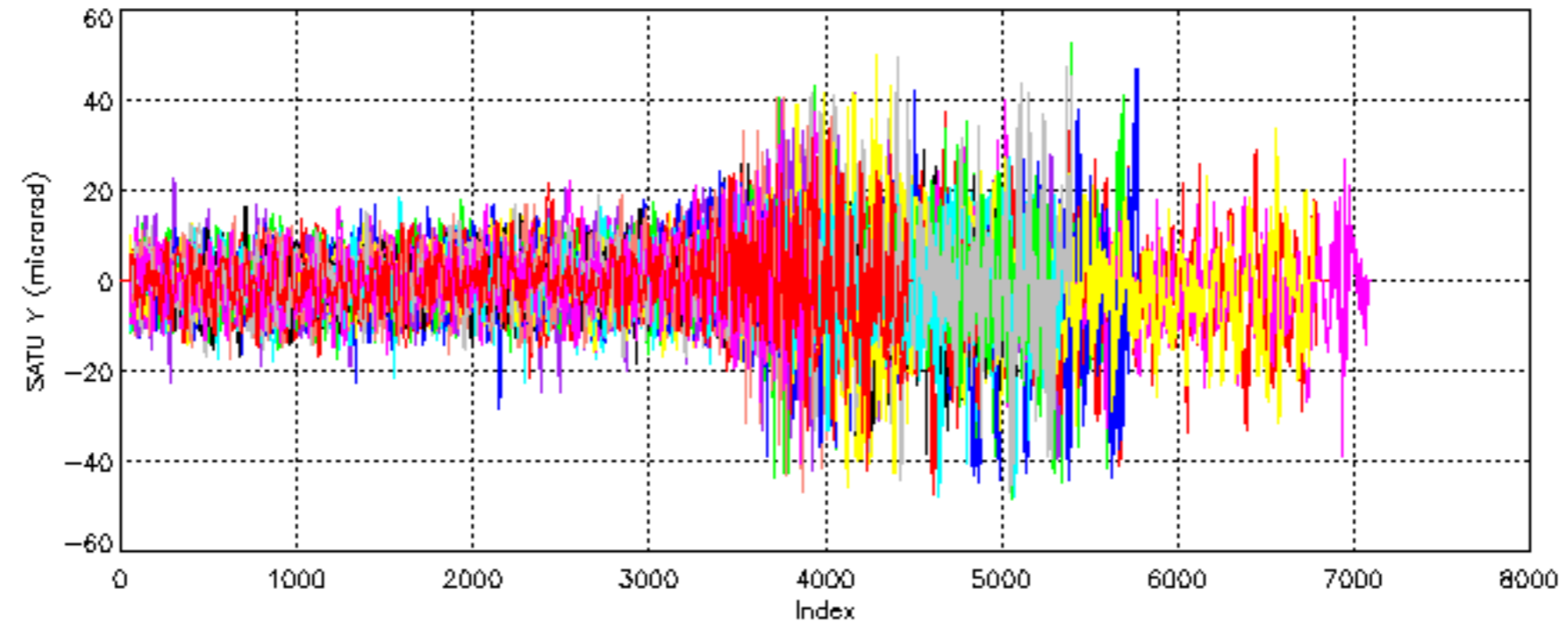


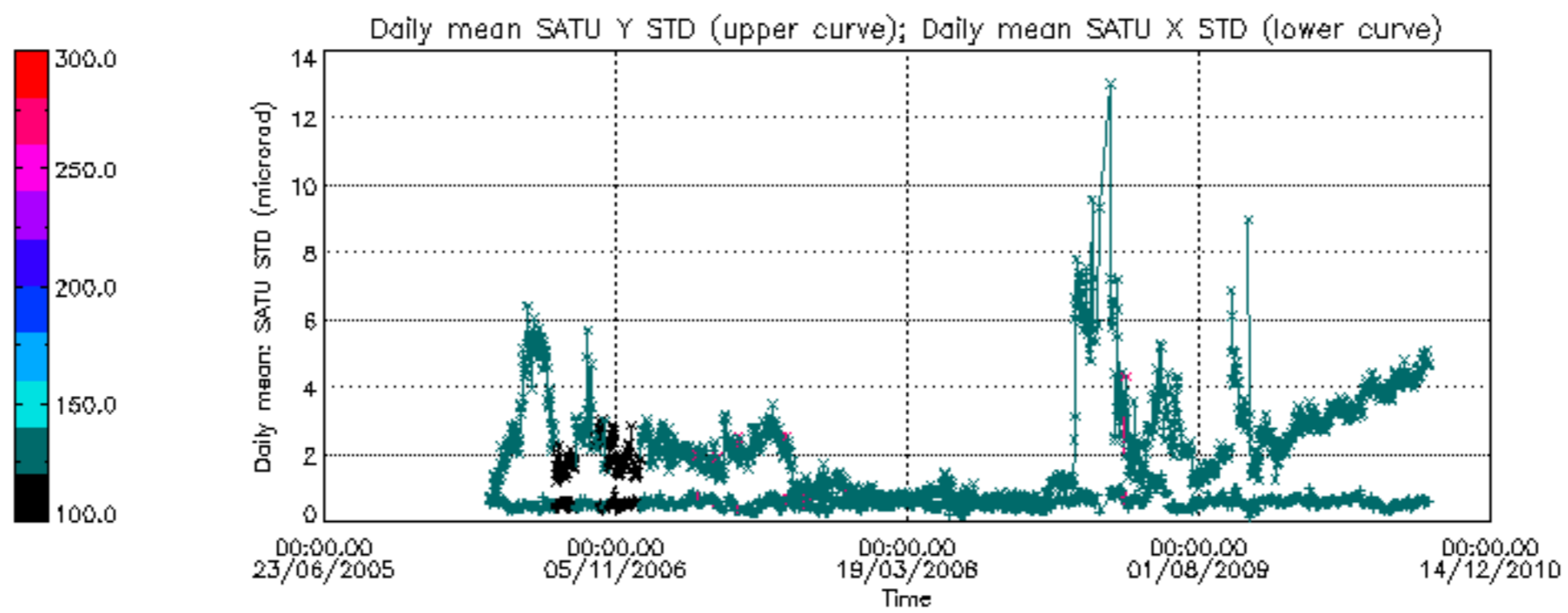
Tangent altitude at which the star is lost











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 12; 3980.4; 01-AUG-2010 02:09:39; Bright; 48.5; 160; 23Gam Per ; 2.93; 4700;occ; 97; 0;44016  
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 21; 5444.4; 01-AUG-2010 02:34:03; Dark ; 54.5; 165; 34Gam Eri ; 2.95; 3200;occ; 109; 0;44016  
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 10; 4638.3; 01-AUG-2010 02:20:37; Dark ; 40.0; 176; 23Zet Tau ; 3.02; 22000;occ; 80; 0;44016



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19; 6626.0; 01-AUG-2010 02:53:45; Dark ; 65.0; 84; Alp Phe ; 2.40; 4500;occ; 130; 0;44017
20; 6953.7; 01-AUG-2010 02:59:12; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;44017
21; 7142.2; 01-AUG-2010 03:02:21; Dark ; 45.5; 172; Gam Gru ; 3.00; 13100;occ; 91; 0;44017
22; 8095.3; 01-AUG-2010 03:18:14; Bright; 37.5; 11; 53Alp Aql ; 0.76; 8000;occ; 75; 0;44017
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13; 4311.8; 05-AUG-2010 21:56:30; Bright; 49.5; 149; 45Eps Per ; 2.89; 30000;occ; 99; 0;44085
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10; 3948.9; 06-AUG-2010 14:36:26; Bright; 49.5; 160; 23Gam Per ; 2.93; 4700;occ; 99; 0;44095
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18; 5053.2; 06-AUG-2010 14:54:51; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44095
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 8; 3621.6; 06-AUG-2010 16:11:35; Bright; 39.0; 110; 37Del Cas ; 2.68; 8900;occ; 78; 0;44096

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 23; 6709.4; 06-AUG-2010 17:03:03; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44097  
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 7; 3059.8; 06-AUG-2010 17:42:49; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44097  
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 13; 4311.1; 06-AUG-2010 18:03:40; Bright; 50.5; 149; 45Eps Per ; 2.89; 30000;occ; 101; 0;44097  
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 18; 5053.9; 06-AUG-2010 18:16:03; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;44097  
 19; 5135.3; 06-AUG-2010 18:17:25; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44097  
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 21; 5497.6; 06-AUG-2010 18:23:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44097  
 22; 6091.4; 06-AUG-2010 18:33:21; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;44098  
 23; 6397.3; 06-AUG-2010 18:38:27; Dark ; 47.5; 9; Alp Eri ; 0.45; 24000;occ; 95; 0;44098  
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 7; 953.2; 06-AUG-2010 02:02:19; Dark ; 44.0; 31; Alp Gru ; 1.73; 15200;occ; 88; 0;44088  
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 12; 2547.1; 06-AUG-2010 02:28:53; Bright; 44.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 89; 0;44088  
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 5; 2624.1; 06-AUG-2010 20:56:45; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44099  
 6; 2732.9; 06-AUG-2010 20:58:34; Bright; 44.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 89; 0;44099  
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8; 3540.0; 06-AUG-2010 21:12:01; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44099  
 9; 3619.6; 06-AUG-2010 21:13:21; Bright; 38.0; 110; 37Del Cas ; 2.68; 8900;occ; 76; 0;44099  
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 12; 4200.6; 06-AUG-2010 21:23:02; Bright; 43.5; 6; 13Alp Aur ; 0.08; 3400;occ; 87; 0;44099  
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 5; 959.0; 06-AUG-2010 22:09:36; Dark ; 52.0; 31; Alp Gru ; 1.73; 15200;occ; 104; 0;44100  
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 10; 2623.4; 06-AUG-2010 22:37:21; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44100  
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 12; 3058.7; 06-AUG-2010 22:44:36; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44100  
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 5; 2537.4; 07-AUG-2010 18:43:06; Bright; 42.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 84; 0;44112
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 7; 2728.0; 07-AUG-2010 18:46:16; Bright; 44.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 88; 0;44112
 8; 3054.2; 07-AUG-2010 18:51:43; Bright; 42.0; 89; 5Alp Cep ; 2.45; 8000;occ; 84; 0;44112
 9; 3530.6; 07-AUG-2010 18:59:39; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44112
10; 3610.5; 07-AUG-2010 19:00:59; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;44112
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10; 3609.7; 07-AUG-2010 20:41:34; Bright; 32.0; 110; 37Del Cas ; 2.68; 8900;occ; 64; 0;44113
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13; 4356.4; 07-AUG-2010 20:54:01; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44113
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27; 5142.5; 07-AUG-2010 22:47:43; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44114
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11; 1807.6; 08-AUG-2010 02:53:56; Bright; 46.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 93; 0;44117  
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 12; 4667.1; 09-AUG-2010 13:13:34; Dark ; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;44137  
 13; 4842.9; 09-AUG-2010 13:16:29; Dark ; 64.5; 13; 87Alp Tau ; 0.87; 3800;occ; 129; 0;44137  
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 16; 5153.8; 09-AUG-2010 13:21:40; Dark ; 43.5; 125; 44Iot Ori ; 2.77; 30000;occ; 87; 0;44137  
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 22; 6749.3; 09-AUG-2010 13:48:16; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44138  
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 5; 2719.4; 09-AUG-2010 14:21:42; Bright; 42.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 85; 0;44138  
 6; 3045.5; 09-AUG-2010 14:27:08; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44138  
 7; 3511.4; 09-AUG-2010 14:34:54; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44138  
 8; 4109.8; 09-AUG-2010 14:44:52; Bright; 29.0; 175; 39Del Per ; 3.01; 19400;occ; 58; 0;44138  
 9; 4199.5; 09-AUG-2010 14:46:22; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;44138  
 10; 4358.9; 09-AUG-2010 14:49:01; Bright; 54.0; 107; 37The Aur ; 2.65; 11000;occ; 108; 0;44138  
 11; 4534.8; 09-AUG-2010 14:51:57; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;44138  
 12; 4667.1; 09-AUG-2010 14:54:10; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;44138  
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 15; 5071.9; 09-AUG-2010 15:00:54; Dark ; 45.0; 30; 46Eps Ori ; 1.69; 30000;occ; 90; 0;44138  
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 5; 2718.9; 09-AUG-2010 17:42:53; Bright; 42.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 85; 0;44140  
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13; 405.7; 11-AUG-2010 05:57:31; Dark ; 48.0; 9; Alp Eri ; 0.45; 24000;occ; 96; 0;44162  
14; 735.4; 11-AUG-2010 06:03:00; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44162  
15; 985.7; 11-AUG-2010 06:07:11; Dark ; 48.0; 31; Alp Gru ; 1.73; 15200;occ; 96; 0;44162  
16; 1217.9; 11-AUG-2010 06:11:03; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44162  
17; 1583.7; 11-AUG-2010 06:17:09; Bright; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44162  
18; 1803.3; 11-AUG-2010 06:20:48; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44162  
19; 2141.8; 11-AUG-2010 06:26:27; Bright; 48.5; 61; 8Eps Peg ; 2.10; 3900;occ; 97; 0;44162  
20; 2520.9; 11-AUG-2010 06:32:46; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44162  
21; 2608.8; 11-AUG-2010 06:34:14; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44162  
22; 2712.4; 11-AUG-2010 06:35:57; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44162  
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24; 3363.2; 11-AUG-2010 06:46:48; Bright; 35.0; 74; 11Bet Cas ; 2.27; 6600;occ; 70; 0;44162  
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2; 1222.4; 11-AUG-2010 21:16:31; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44171  
3; 1584.6; 11-AUG-2010 21:22:33; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44171  
4; 1802.6; 11-AUG-2010 21:26:11; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44171  
5; 2137.9; 11-AUG-2010 21:31:46; Bright; 50.0; 61; 8Eps Peg ; 2.10; 3900;occ; 100; 0;44171  
6; 2518.0; 11-AUG-2010 21:38:06; Bright; 40.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 80; 0;44171  
7; 2607.1; 11-AUG-2010 21:39:35; Bright; 38.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 76; 0;44171  
8; 2709.8; 11-AUG-2010 21:41:18; Bright; 37.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 75; 0;44171  
9; 3034.5; 11-AUG-2010 21:46:43; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44171  
10; 3356.1; 11-AUG-2010 21:52:04; Bright; 42.0; 74; 11Bet Cas ; 2.27; 6600;occ; 84; 0;44171  
11; 3486.9; 11-AUG-2010 21:54:15; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;44171  
12; 4197.7; 11-AUG-2010 22:06:06; Bright; 49.0; 6; 13Alp Aur ; 0.08; 3400;occ; 98; 0;44171  
13; 4361.7; 11-AUG-2010 22:08:50; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44171  
14; 4540.5; 11-AUG-2010 22:11:49; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44171  
15; 4675.7; 11-AUG-2010 22:14:04; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44171  
16; 4862.1; 11-AUG-2010 22:17:10; Dark ; 33.0; 13; 87Alp Tau ; 0.87; 3800;occ; 66; 0;44171  
17; 4972.1; 11-AUG-2010 22:19:01; Dark ; 47.0; 27; 24Gam Ori ; 1.64; 26000;occ; 94; 0;44171  
18; 5087.8; 11-AUG-2010 22:20:56; Dark ; 48.5; 30; 46Eps Ori ; 1.69; 30000;occ; 97; 0;44171  
19; 5171.0; 11-AUG-2010 22:22:19; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44171  
20; 5255.8; 11-AUG-2010 22:23:44; Dark ; 56.0; 7; 19Bet Ori ; 0.10; 14000;occ; 112; 0;44171

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4; 136.3; 11-AUG-2010 22:39:01; Dark ; 47.5; 157; The1Eri ; 2.91; 9300;occ; 95; 0;44172  
5; 412.4; 11-AUG-2010 22:43:37; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44172  
6; 744.6; 11-AUG-2010 22:49:09; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44172  
7; 989.9; 11-AUG-2010 22:53:14; Dark ; 51.0; 31; Alp Gru ; 1.73; 15200;occ; 102; 0;44172  
8; 1222.9; 11-AUG-2010 22:57:07; Dark ; 59.0; 18; 24Alp PsA ; 1.17; 9700;occ; 118; 0;44172  
9; 1584.8; 11-AUG-2010 23:03:09; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44172  
10; 1802.6; 11-AUG-2010 23:06:47; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44172  
11; 2137.1; 11-AUG-2010 23:12:21; Bright; 46.0; 61; 8Eps Peg ; 2.10; 3900;occ; 92; 0;44172  
12; 2517.7; 11-AUG-2010 23:18:42; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44172  
13; 2606.9; 11-AUG-2010 23:20:11; Bright; 35.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 70; 0;44172  
14; 2709.5; 11-AUG-2010 23:21:54; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44172  
15; 3034.2; 11-AUG-2010 23:27:18; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44172  
16; 3355.2; 11-AUG-2010 23:32:39; Bright; 43.0; 74; 11Bet Cas ; 2.27; 6600;occ; 86; 0;44172  
17; 3485.9; 11-AUG-2010 23:34:50; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;44172  
18; 4197.6; 11-AUG-2010 23:46:42; Bright; 44.5; 6; 13Alp Aur ; 0.08; 3400;occ; 89; 0;44172  
19; 4361.5; 11-AUG-2010 23:49:26; Bright; 56.0; 107; 37The Aur ; 2.65; 11000;occ; 112; 0;44172  
20; 4540.7; 11-AUG-2010 23:52:25; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;44172  
21; 4676.1; 11-AUG-2010 23:54:40; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;44172  
22; 4906.4; 11-AUG-2010 23:58:31; Dark ; 57.0; 14; 58Alp Ori ; 0.87; 3000;occ; 114; 0;44172  
23; 5088.6; 12-AUG-2010 00:01:33; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44172  
24; 5171.3; 12-AUG-2010 00:02:56; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44172  
25; 5256.4; 12-AUG-2010 00:04:21; Dark ; 52.5; 7; 19Bet Ori ; 0.10; 14000;occ; 105; 0;44172  
26; 5375.1; 12-AUG-2010 00:06:19; Dark ; 2.0; 101; 11Alp Lep ; 2.58; 7000;occ; 4; 0;44172

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4; -1362.7; 11-AUG-2010 07:08:38; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44162
5; -1178.9; 11-AUG-2010 07:11:42; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 0;44162
6; -1068.3; 11-AUG-2010 07:13:33; Dark ; 50.5; 27; 24Gam Ori ; 1.64; 26000;occ; 101; 0;44162
7; -952.6; 11-AUG-2010 07:15:28; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44162
8; -869.7; 11-AUG-2010 07:16:51; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44162
9; -786.0; 11-AUG-2010 07:18:15; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;44162
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12; 125.8; 11-AUG-2010 07:33:27; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44163
13; 406.3; 11-AUG-2010 07:38:07; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44163
14; 736.5; 11-AUG-2010 07:43:37; Dark ; 58.5; 84; Alp Phe ; 2.40; 4500;occ; 117; 0;44163
15; 986.4; 11-AUG-2010 07:47:47; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44163
16; 1218.5; 11-AUG-2010 07:51:39; Dark ; 63.0; 18; 24Alp PsA ; 1.17; 9700;occ; 126; 0;44163
17; 1583.9; 11-AUG-2010 07:57:45; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44163
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3; 2520.5; 11-AUG-2010 08:13:21; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44163
4; 2608.9; 11-AUG-2010 08:14:50; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44163
5; 2712.0; 11-AUG-2010 08:16:33; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44163
6; 3037.2; 11-AUG-2010 08:21:58; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44163
7; 3362.5; 11-AUG-2010 08:27:23; Bright; 35.0; 74; 11Bet Cas ; 2.27; 6600;occ; 70; 0;44163
8; 3492.8; 11-AUG-2010 08:29:34; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;44163
9; 4198.1; 11-AUG-2010 08:41:19; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44163
10; 4360.9; 11-AUG-2010 08:44:02; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;44163
11; 4539.2; 11-AUG-2010 08:47:00; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;44163
12; 4673.9; 11-AUG-2010 08:49:15; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44163
13; 4857.5; 11-AUG-2010 08:52:18; Dark ; 66.0; 13; 87Alp Tau ; 0.87; 3800;occ; 132; 0;44163
14; 4968.0; 11-AUG-2010 08:54:09; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;44163
15; 5084.0; 11-AUG-2010 08:56:05; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44163
16; 5166.8; 11-AUG-2010 08:57:28; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44163
17; 5250.5; 11-AUG-2010 08:58:51; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44163
18; 5370.1; 11-AUG-2010 09:00:51; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 0;44163
19; 5536.1; 11-AUG-2010 09:03:37; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44163
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21; 6442.9; 11-AUG-2010 09:18:44; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44164
22; 6773.4; 11-AUG-2010 09:24:14; Dark ; 63.0; 84; Alp Phe ; 2.40; 4500;occ; 126; 0;44164
23; 7023.0; 11-AUG-2010 09:28:24; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44164
24; 7255.1; 11-AUG-2010 09:32:16; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;44164
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3; 2520.3; 11-AUG-2010 09:53:57; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44164
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5; 2711.7; 11-AUG-2010 09:57:08; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44164
6; 3036.9; 11-AUG-2010 10:02:34; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44164
7; 3361.9; 11-AUG-2010 10:07:59; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44164
8; 3492.4; 11-AUG-2010 10:10:09; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44164
9; 4198.2; 11-AUG-2010 10:21:55; Bright; 51.0; 6; 13Alp Aur ; 0.08; 3400;occ; 102; 0;44164
10; 4361.0; 11-AUG-2010 10:24:38; Bright; 38.0; 107; 37The Aur ; 2.65; 11000;occ; 76; 0;44164
11; 4539.5; 11-AUG-2010 10:27:36; Dark ; 49.0; 28; 12Bet Tau ; 1.65; 15200;occ; 98; 0;44164
12; 4673.9; 11-AUG-2010 10:29:51; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44164
13; 4858.1; 11-AUG-2010 10:32:55; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44164
14; 4968.6; 11-AUG-2010 10:34:45; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;44164
15; 5084.2; 11-AUG-2010 10:36:41; Dark ; 44.5; 30; 46Eps Ori ; 1.69; 30000;occ; 89; 0;44164
16; 5167.3; 11-AUG-2010 10:38:04; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44164
17; 5251.2; 11-AUG-2010 10:39:28; Dark ; 58.0; 7; 19Bet Ori ; 0.10; 14000;occ; 116; 0;44164
18; 5370.9; 11-AUG-2010 10:41:28; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44164
19; 5536.7; 11-AUG-2010 10:44:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44164
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21; 6443.4; 11-AUG-2010 10:59:20; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44165
22; 6774.1; 11-AUG-2010 11:04:51; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44165
23; 7023.1; 11-AUG-2010 11:09:00; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;44165
24; 7255.4; 11-AUG-2010 11:12:52; Dark ; 61.0; 18; 24Alp PsA ; 1.17; 9700;occ; 122; 0;44165
25; 7619.8; 11-AUG-2010 11:18:57; Bright; 46.5; 142; 49Del Cap ; 2.85; 8900;occ; 93; 0;44165

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 5; 2711.4; 11-AUG-2010 11:37:44; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44165  
 6; 3036.4; 11-AUG-2010 11:43:09; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44165  
 7; 3361.1; 11-AUG-2010 11:48:34; Bright; 37.0; 74; 11Bet Cas ; 2.27; 6600;occ; 74; 0;44165  
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 13; 4674.7; 11-AUG-2010 13:51:03; Dark ; 44.5; 176; 23Zet Tau ; 3.02; 22000;occ; 89; 0;44166  
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 16; 5085.3; 11-AUG-2010 13:57:54; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44166  
 17; 5168.3; 11-AUG-2010 13:59:17; Dark ; 45.0; 125; 44Iot Ori ; 2.77; 30000;occ; 90; 0;44166  
 18; 5252.5; 11-AUG-2010 14:00:41; Dark ; 54.5; 7; 19Bet Ori ; 0.10; 14000;occ; 109; 0;44166  
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 21; 6166.7; 11-AUG-2010 14:15:55; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44167  
 22; 6444.8; 11-AUG-2010 14:20:33; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44167  
 23; 6776.1; 11-AUG-2010 14:26:05; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44167  
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 17; 5169.1; 11-AUG-2010 15:39:54; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44167  
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 19; 5372.8; 11-AUG-2010 15:43:17; Dark ; 42.0; 101; 11Alp Lep ; 2.58; 7000;occ; 84; 0;44167  
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 21; 6168.1; 11-AUG-2010 15:56:33; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44168  
 22; 6445.8; 11-AUG-2010 16:01:10; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44168  
 23; 6776.9; 11-AUG-2010 16:06:41; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;44168  
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 5; 2518.9; 11-AUG-2010 16:36:19; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44168  
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 5; 2138.8; 11-AUG-2010 18:10:35; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;44169  
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 11; 3488.6; 11-AUG-2010 18:33:05; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44169  
 12; 4197.8; 11-AUG-2010 18:44:54; Bright; 47.0; 6; 13Alp Aur ; 0.08; 3400;occ; 94; 0;44169  
 13; 4361.4; 11-AUG-2010 18:47:38; Bright; 49.5; 107; 37The Aur ; 2.65; 11000;occ; 99; 0;44169  
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 16; 4861.1; 11-AUG-2010 18:55:58; Dark ; 42.0; 13; 87Alp Tau ; 0.87; 3800;occ; 84; 0;44169  
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 19; 5170.0; 11-AUG-2010 19:01:06; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44169  
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 11; 4550.8; 15-AUG-2010 15:03:43; Dark ; 50.0; 28; 12Bet Tau ; 1.65; 15200;occ; 100; 0;44224  
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 4; 2117.2; 15-AUG-2010 16:03:46; Bright; 49.0; 61; 8Eps Peg ; 2.10; 3900;occ; 98; 0;44225  
 5; 2504.9; 15-AUG-2010 16:10:13; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44225  
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 4; 1800.2; 15-AUG-2010 17:39:05; Bright; 43.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 86; 0;44226  
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26; 9038.7; 20-AUG-2010 05:17:26; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44290
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12; 276.4; 20-AUG-2010 06:12:36; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44291  
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21; 2493.5; 20-AUG-2010 06:49:33; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44291  
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9; 499.9; 20-AUG-2010 21:21:43; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44300  
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28; 5254.1; 20-AUG-2010 22:40:57; Dark ; 48.5; 125; 44Tot Ori ; 2.77; 30000;occ; 97; 0;44300

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4; 288.2; 20-AUG-2010 22:58:47; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44301
5; 500.4; 20-AUG-2010 23:02:19; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44301
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7; 992.6; 20-AUG-2010 23:10:31; Dark ; 56.5; 63; Bet Gru ; 2.15; 2800;occ; 113; 0;44301
8; 1277.6; 20-AUG-2010 23:15:16; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44301
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13; 4565.7; 20-AUG-2010 19:08:17; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44298  
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22; 6321.8; 20-AUG-2010 19:37:33; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44299  
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7; 501.9; 21-AUG-2010 02:23:33; Dark ; 47.0; 9; Alp Eri ; 0.45; 24000;occ; 94; 0;44303  
8; 854.5; 21-AUG-2010 02:29:25; Dark ; 56.5; 84; Alp Phe ; 2.40; 4500;occ; 113; 0;44303  
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12; 1798.9; 21-AUG-2010 02:45:10; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44303  
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13; 503.2; 21-AUG-2010 05:44:46; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44305
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 3; 1908.1; 21-AUG-2010 14:31:10; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44310
 4; 2094.1; 21-AUG-2010 14:34:16; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44310
 5; 2491.1; 21-AUG-2010 14:40:53; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44310
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 8; 3248.8; 21-AUG-2010 14:53:31; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44310
 9; 4185.1; 21-AUG-2010 15:09:07; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44310
10; 4371.9; 21-AUG-2010 15:12:14; Bright; 61.0; 107; 37The Aur ; 2.65; 11000;occ; 122; 0;44310
11; 4643.6; 21-AUG-2010 15:16:46; Dark ; 49.5; 151; 13Mu Gem ; 2.89; 3000;occ; 99; 0;44310
12; 4741.4; 21-AUG-2010 15:18:23; Dark ; 43.0; 44; 24Gam Gem ; 1.93; 11000;occ; 86; 0;44310
13; 4967.9; 21-AUG-2010 15:22:10; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44310
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23; 7033.0; 21-AUG-2010 15:56:35; Dark ; 46.5; 63; Bet Gru ; 2.15; 2800;occ; 93; 0;44311
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 5; 2093.6; 21-AUG-2010 16:14:52; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44311
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 9; 3248.3; 21-AUG-2010 16:34:06; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44311
10; 4184.9; 21-AUG-2010 16:49:43; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44311
11; 4372.2; 21-AUG-2010 16:52:50; Bright; 41.0; 107; 37The Aur ; 2.65; 11000;occ; 82; 0;44311
12; 4643.7; 21-AUG-2010 16:57:22; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44311
13; 4741.5; 21-AUG-2010 16:59:00; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44311

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 23; 6897.2; 21-AUG-2010 17:34:55; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44312  
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 18; 5263.4; 21-AUG-2010 18:48:17; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44312  
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 22; 6338.8; 21-AUG-2010 19:06:13; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44313  
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 24; 6898.0; 21-AUG-2010 19:15:32; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44313  
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 23; 6545.2; 21-AUG-2010 20:50:15; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44314  
 24; 6898.4; 21-AUG-2010 20:56:09; Dark ; 62.5; 84; Alp Phe ; 2.40; 4500;occ; 125; 0;44314  
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 5; 2682.1; 22-AUG-2010 09:10:39; Bright; 40.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 80; 0;44321  
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 19; 6351.3; 22-AUG-2010 11:52:25; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44323  
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 21; 6905.6; 22-AUG-2010 12:01:39; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44323  
 22; 7037.7; 22-AUG-2010 12:03:51; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44323  
 23; 7321.6; 22-AUG-2010 12:08:35; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44323  
 24; 7637.3; 22-AUG-2010 12:13:51; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44323

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 8; 3238.9; 22-AUG-2010 12:41:08; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44323  
 9; 4183.2; 22-AUG-2010 12:56:52; Bright; 55.0; 6; 13Alp Aur ; 0.08; 3400;occ; 110; 0;44323  
 10; 4372.8; 22-AUG-2010 13:00:02; Bright; 46.5; 107; 37The Aur ; 2.65; 11000;occ; 93; 0;44323  
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 16; 5272.3; 22-AUG-2010 13:15:01; Dark ; 51.5; 125; 44Iot Ori ; 2.77; 30000;occ; 103; 0;44323  
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 22; 6906.2; 22-AUG-2010 13:42:15; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44324  
 23; 7037.7; 22-AUG-2010 13:44:27; Dark ; 51.5; 63; Bet Gru ; 2.15; 2800;occ; 103; 0;44324  
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 2; 1799.4; 22-AUG-2010 13:57:44; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44324  
 3; 1905.8; 22-AUG-2010 13:59:31; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44324  
 4; 2091.7; 22-AUG-2010 14:02:37; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44324  
 5; 2489.7; 22-AUG-2010 14:09:15; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44324  
 6; 2682.1; 22-AUG-2010 14:12:27; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44324  
 7; 2995.5; 22-AUG-2010 14:17:41; Bright; 35.0; 89; 5Alp Cep ; 2.45; 8000;occ; 70; 0;44324  
 8; 3238.1; 22-AUG-2010 14:21:43; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44324  
 9; 4182.9; 22-AUG-2010 14:37:28; Bright; 52.5; 6; 13Alp Aur ; 0.08; 3400;occ; 105; 0;44324  
 10; 4372.8; 22-AUG-2010 14:40:38; Bright; 61.0; 107; 37The Aur ; 2.65; 11000;occ; 122; 0;44324  
 11; 4571.5; 22-AUG-2010 14:43:57; Dark ; 55.5; 28; 12Bet Tau ; 1.65; 15200;occ; 111; 0;44324  
 12; 4745.1; 22-AUG-2010 14:46:50; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44324  
 13; 4975.3; 22-AUG-2010 14:50:40; Dark ; 54.5; 14; 58Alp Ori ; 0.87; 3000;occ; 109; 0;44324  
 14; 5067.2; 22-AUG-2010 14:52:12; Dark ; 56.5; 27; 24Gam Ori ; 1.64; 26000;occ; 113; 0;44324  
 15; 5184.5; 22-AUG-2010 14:54:10; Dark ; 55.5; 30; 46Eps Ori ; 1.69; 30000;occ; 111; 0;44324  
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21; 6552.1; 22-AUG-2010 15:16:57; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44325
22; 6907.0; 22-AUG-2010 15:22:52; Dark ; 49.0; 84; Alp Phe ; 2.40; 4500;occ; 98; 0;44325
23; 7038.4; 22-AUG-2010 15:25:03; Dark ; 47.5; 63; Bet Gru ; 2.15; 2800;occ; 95; 0;44325
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 4; 2091.2; 22-AUG-2010 15:43:12; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44325
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 6; 2681.7; 22-AUG-2010 15:53:03; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44325
 7; 2995.3; 22-AUG-2010 15:58:16; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44325
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 9; 4183.0; 22-AUG-2010 16:18:04; Bright; 54.0; 6; 13Alp Aur ; 0.08; 3400;occ; 108; 0;44325
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12; 4745.7; 22-AUG-2010 16:27:27; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44325
13; 4975.9; 22-AUG-2010 16:31:17; Dark ; 59.5; 14; 58Alp Ori ; 0.87; 3000;occ; 119; 0;44325
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16; 5274.0; 22-AUG-2010 16:36:15; Dark ; 49.0; 125; 44Iot Ori ; 2.77; 30000;occ; 98; 0;44325
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22; 6907.5; 22-AUG-2010 17:03:29; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44326
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 3; 1799.4; 22-AUG-2010 17:18:56; Bright; 41.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 82; 0;44326
 4; 1905.8; 22-AUG-2010 17:20:43; Bright; 45.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 90; 0;44326
 5; 2091.3; 22-AUG-2010 17:23:48; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44326
 6; 2489.7; 22-AUG-2010 17:30:27; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44326
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11; 4372.8; 22-AUG-2010 18:01:50; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44326
12; 4571.9; 22-AUG-2010 18:05:09; Dark ; 54.5; 28; 12Bet Tau ; 1.65; 15200;occ; 109; 0;44326
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 3; 1602.3; 22-AUG-2010 18:56:15; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 0;44327
 4; 1799.4; 22-AUG-2010 18:59:32; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44327
 5; 1905.4; 22-AUG-2010 19:01:18; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44327
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 8; 2681.4; 22-AUG-2010 19:14:14; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44327
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10; 3236.3; 22-AUG-2010 19:23:29; Bright; 48.0; 74; 11Bet Cas ; 2.27; 6600;occ; 96; 0;44327
11; 4182.4; 22-AUG-2010 19:39:15; Bright; 66.0; 6; 13Alp Aur ; 0.08; 3400;occ; 132; 0;44327

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3; 325.0; 23-AUG-2010 01:17:22; Dark ; 54.0; 157; The1Eri ; 2.91; 9300;occ; 108; 0;44331
4; 520.4; 23-AUG-2010 01:20:37; Dark ; 42.5; 9; Alp Eri ; 0.45; 24000;occ; 85; 0;44331
5; 875.2; 23-AUG-2010 01:26:32; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44331
6; 1004.6; 23-AUG-2010 01:28:41; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44331
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33; 7940.9; 23-AUG-2010 03:24:17; Bright; 46.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 92; 0;44332
34; 8125.8; 23-AUG-2010 03:27:22; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44332
35; 8524.7; 23-AUG-2010 03:34:01; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44332
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9; 5190.6; 23-AUG-2010 04:19:03; Dark ; 51.0; 30; 46Eps Ori ; 1.69; 30000;occ; 102; 0;44332
10; 5279.9; 23-AUG-2010 04:20:32; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44332
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13; 5664.7; 23-AUG-2010 04:26:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44332
14; 6363.5; 23-AUG-2010 04:38:36; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44333
15; 6557.7; 23-AUG-2010 04:41:50; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44333
16; 6913.1; 23-AUG-2010 04:47:46; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44333

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23; 8525.0; 23-AUG-2010 05:14:37; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44333
24; 8716.9; 23-AUG-2010 05:17:49; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44333
25; 9029.8; 23-AUG-2010 05:23:02; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44333
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 3; -1462.6; 23-AUG-2010 05:49:22; Dark ; 56.5; 28; 12Bet Tau ; 1.65; 15200;occ; 113; 0;44333
 4; -1288.1; 23-AUG-2010 05:52:16; Dark ; 39.5; 44; 24Gam Gem ; 1.93; 11000;occ; 79; 0;44333
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12; 329.0; 23-AUG-2010 06:19:13; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44334
13; 522.1; 23-AUG-2010 06:22:27; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44334
14; 877.6; 23-AUG-2010 06:28:22; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44334
15; 1005.8; 23-AUG-2010 06:30:30; Dark ; 55.5; 63; Bet Gru ; 2.15; 2800;occ; 111; 0;44334
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17; 1602.9; 23-AUG-2010 06:40:27; Dark ; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;44334
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20; 2089.7; 23-AUG-2010 06:48:34; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44334
21; 2488.5; 23-AUG-2010 06:55:13; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44334
22; 2680.9; 23-AUG-2010 06:58:25; Bright; 39.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 78; 0;44334
23; 2993.4; 23-AUG-2010 07:03:38; Bright; 38.5; 89; 5Alp Cep ; 2.45; 8000;occ; 77; 0;44334
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 3; -1462.2; 23-AUG-2010 07:29:58; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44334
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 8; -754.4; 23-AUG-2010 07:41:46; Dark ; 50.5; 125; 44Iot Ori ; 2.77; 30000;occ; 101; 0;44334
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11; -369.5; 23-AUG-2010 07:48:11; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44334
12; 329.9; 23-AUG-2010 07:59:50; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44335
13; 523.1; 23-AUG-2010 08:03:03; Dark ; 49.5; 9; Alp Eri ; 0.45; 24000;occ; 99; 0;44335
14; 878.4; 23-AUG-2010 08:08:59; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44335
15; 1006.2; 23-AUG-2010 08:11:07; Dark ; 54.0; 63; Bet Gru ; 2.15; 2800;occ; 108; 0;44335
16; 1289.9; 23-AUG-2010 08:15:50; Dark ; 52.5; 18; 24Alp PsA ; 1.17; 9700;occ; 105; 0;44335
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 3; 2089.0; 23-AUG-2010 08:29:09; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44335
 4; 2488.5; 23-AUG-2010 08:35:49; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44335
 5; 2680.6; 23-AUG-2010 08:39:01; Bright; 38.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 76; 0;44335
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 8; 4181.3; 23-AUG-2010 09:04:02; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44335
 9; 4373.6; 23-AUG-2010 09:07:14; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44335
10; 4573.7; 23-AUG-2010 09:10:34; Dark ; 56.0; 28; 12Bet Tau ; 1.65; 15200;occ; 112; 0;44335
11; 4748.6; 23-AUG-2010 09:13:29; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44335
12; 4981.5; 23-AUG-2010 09:17:22; Dark ; 62.0; 14; 58Alp Ori ; 0.87; 3000;occ; 124; 0;44335
13; 5075.7; 23-AUG-2010 09:18:56; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44335
14; 5193.1; 23-AUG-2010 09:20:54; Dark ; 53.5; 30; 46Eps Ori ; 1.69; 30000;occ; 107; 0;44335

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 16; 5394.8; 23-AUG-2010 09:24:15; Dark ; 61.5; 7; 19Bet Ori ; 0.10; 14000;occ; 123; 0;44335  
 17; 5551.5; 23-AUG-2010 09:26:52; Dark ; 49.0; 139; 9Bet Lep ; 2.83; 5600;occ; 98; 0;44335  
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 21; 6914.7; 23-AUG-2010 09:49:35; Dark ; 49.5; 84; Alp Phe ; 2.40; 4500;occ; 99; 0;44336  
 22; 7042.3; 23-AUG-2010 09:51:43; Dark ; 56.0; 63; Bet Gru ; 2.15; 2800;occ; 112; 0;44336  
 23; 7326.1; 23-AUG-2010 09:56:27; Dark ; 50.0; 18; 24Alp PsA ; 1.17; 9700;occ; 100; 0;44336  
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 4; 2488.5; 23-AUG-2010 10:16:25; Bright; 36.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 73; 0;44336  
 5; 2680.5; 23-AUG-2010 10:19:37; Bright; 36.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 72; 0;44336  
 6; 2993.3; 23-AUG-2010 10:24:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44336  
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 8; 4181.3; 23-AUG-2010 10:44:38; Bright; 52.0; 6; 13Alp Aur ; 0.08; 3400;occ; 104; 0;44336  
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 11; 4649.7; 23-AUG-2010 10:52:26; Dark ; 50.5; 151; 13Mu Gem ; 2.89; 3000;occ; 101; 0;44336  
 12; 4748.6; 23-AUG-2010 10:54:05; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44336  
 13; 4981.9; 23-AUG-2010 10:57:58; Dark ; 65.0; 14; 58Alp Ori ; 0.87; 3000;occ; 130; 0;44336  
 14; 5076.4; 23-AUG-2010 10:59:33; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44336  
 15; 5193.7; 23-AUG-2010 11:01:30; Dark ; 51.5; 30; 46Eps Ori ; 1.69; 30000;occ; 103; 0;44336  
 16; 5307.5; 23-AUG-2010 11:03:24; Dark ; 55.0; 1; 9Alp CMa ; -1.44; 11000;occ; 110; 0;44336  
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 18; 5552.2; 23-AUG-2010 11:07:29; Dark ; 50.0; 139; 9Bet Lep ; 2.83; 5600;occ; 100; 0;44336  
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 21; 6560.1; 23-AUG-2010 11:24:16; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44337  
 22; 6915.3; 23-AUG-2010 11:30:12; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44337  
 23; 7042.9; 23-AUG-2010 11:32:19; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44337  
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 5; 2488.5; 23-AUG-2010 11:57:01; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44337  
 6; 2680.6; 23-AUG-2010 12:00:13; Bright; 35.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 70; 0;44337  
 7; 2993.2; 23-AUG-2010 12:05:25; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44337  
 8; 3228.7; 23-AUG-2010 12:09:21; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44337  
 9; 4181.1; 23-AUG-2010 12:25:13; Bright; 53.0; 6; 13Alp Aur ; 0.08; 3400;occ; 106; 0;44337  
 10; 4373.3; 23-AUG-2010 12:28:26; Bright; 53.5; 107; 37The Aur ; 2.65; 11000;occ; 107; 0;44337  
 11; 4574.3; 23-AUG-2010 12:31:46; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44337  
 12; 4650.3; 23-AUG-2010 12:33:02; Dark ; 56.5; 151; 13Mu Gem ; 2.89; 3000;occ; 113; 0;44337  
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 15; 5077.3; 23-AUG-2010 12:40:09; Dark ; 39.0; 27; 24Gam Ori ; 1.64; 26000;occ; 78; 0;44337  
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 19; 5553.1; 23-AUG-2010 12:48:05; Dark ; 51.5; 139; 9Bet Lep ; 2.83; 5600;occ; 103; 0;44337  
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 21; 6369.5; 23-AUG-2010 13:01:42; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44338  
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23; 4751.5; 24-AUG-2010 01:59:31; Dark ; 46.0; 44; 24Gam Gem ; 1.93; 11000;occ; 92; 0;44345
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7; 530.5; 24-AUG-2010 02:29:46; Dark ; 52.0; 9; Alp Eri ; 0.45; 24000;occ; 104; 0;44346
8; 886.4; 24-AUG-2010 02:35:42; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44346
9; 1010.6; 24-AUG-2010 02:37:46; Dark ; 44.0; 63; Bet Gru ; 2.15; 2800;occ; 88; 0;44346

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 22; 2991.0; 24-AUG-2010 04:51:22; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44347  
 23; 3221.8; 24-AUG-2010 04:55:13; Bright; 47.5; 74; 11Bet Cas ; 2.27; 6600;occ; 95; 0;44347  
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 12; 531.8; 24-AUG-2010 05:50:59; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44348  
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 19; 2087.0; 24-AUG-2010 06:16:54; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44348  
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5; 2487.4; 24-AUG-2010 11:25:23; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44351
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3; 1902.4; 24-AUG-2010 12:56:13; Bright; 44.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 88; 0;44352
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6; 2679.6; 24-AUG-2010 13:09:11; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44352
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9; 3351.5; 24-AUG-2010 13:20:23; Bright; 34.0; 76; 27Gam Cas ; 2.30; 30000;occ; 68; 0;44352
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11; 4374.4; 24-AUG-2010 13:37:25; Bright; 52.0; 107; 37The Aur ; 2.65; 11000;occ; 104; 0;44352
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5; 2085.9; 24-AUG-2010 16:20:29; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44354
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7; 2679.3; 24-AUG-2010 16:30:22; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44354
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9; 3216.8; 24-AUG-2010 16:39:20; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44354
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21; 6390.9; 24-AUG-2010 17:32:14; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44355
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 6; 2487.4; 24-AUG-2010 18:07:46; Bright; 36.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 72; 0;44355  
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 5; 1901.8; 24-AUG-2010 19:38:37; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44356  
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 7; 2487.2; 24-AUG-2010 19:48:22; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44356  
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 9; 4176.4; 25-AUG-2010 11:21:55; Bright; 54.5; 6; 13Alp Aur ; 0.08; 3400;occ; 109; 0;44365
10; 4374.8; 25-AUG-2010 11:25:13; Bright; 51.0; 107; 37The Aur ; 2.65; 11000;occ; 102; 0;44365
11; 4657.6; 25-AUG-2010 11:29:56; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44365
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 5; 2486.8; 25-AUG-2010 12:34:21; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44366
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 8; 3208.0; 25-AUG-2010 12:46:22; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44366
 9; 3340.9; 25-AUG-2010 12:48:35; Bright; 45.0; 76; 27Gam Cas ; 2.30; 30000;occ; 90; 0;44366
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10; 3339.2; 25-AUG-2010 16:09:45; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44368
11; 4216.4; 25-AUG-2010 16:24:22; Bright; 42.0; 42; 34Bet Aur ; 1.90; 10200;occ; 84; 0;44368

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 7; 2083.4; 25-AUG-2010 20:50:37; Bright; 40.0; 61; 8Eps Peg ; 2.10; 3900;occ; 80; 0;44371

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 17; 5002.4; 25-AUG-2010 21:39:16; Dark ; 67.5; 14; 58Alp Ori ; 0.87; 3000;occ; 135; 0;44371  
 18; 5223.1; 25-AUG-2010 21:42:57; Dark ; 55.5; 33; 50Zet Ori ; 1.77; 30000;occ; 111; 0;44371

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 4; -334.8; 25-AUG-2010 21:50:55; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44371  
 5; 375.6; 25-AUG-2010 22:02:45; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44372  
 6; 547.2; 25-AUG-2010 22:05:37; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44372  
 7; 904.3; 25-AUG-2010 22:11:34; Dark ; 60.5; 84; Alp Phe ; 2.40; 4500;occ; 121; 0;44372  
 8; 1020.0; 25-AUG-2010 22:13:30; Dark ; 48.0; 63; Bet Gru ; 2.15; 2800;occ; 96; 0;44372  
 9; 1302.6; 25-AUG-2010 22:18:12; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44372  
 10; 1607.4; 25-AUG-2010 22:23:17; Dark ; 46.0; 142; 49Del Cap ; 2.85; 8900;occ; 92; 0;44372  
 11; 1800.9; 25-AUG-2010 22:26:31; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44372  
 12; 1900.2; 25-AUG-2010 22:28:10; Bright; 42.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 84; 0;44372  
 13; 2083.5; 25-AUG-2010 22:31:13; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44372  
 14; 2486.5; 25-AUG-2010 22:37:56; Bright; 35.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 71; 0;44372  
 15; 2986.9; 25-AUG-2010 22:46:17; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44372  
 16; 3203.9; 25-AUG-2010 22:49:54; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44372  
 17; 3336.2; 25-AUG-2010 22:52:06; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44372  
 18; 4216.0; 25-AUG-2010 23:06:46; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;44372  
 19; 4375.1; 25-AUG-2010 23:09:25; Bright; 42.5; 107; 37The Aur ; 2.65; 11000;occ; 85; 0;44372  
 20; 4659.6; 25-AUG-2010 23:14:09; Dark ; 56.0; 151; 13Mu Gem ; 2.89; 3000;occ; 112; 0;44372  
 21; 4759.8; 25-AUG-2010 23:15:50; Dark ; 43.5; 44; 24Gam Gem ; 1.93; 11000;occ; 87; 0;44372  
 22; 5003.1; 25-AUG-2010 23:19:53; Dark ; 68.0; 14; 58Alp Ori ; 0.87; 3000;occ; 136; 0;44372  
 23; 5324.0; 25-AUG-2010 23:25:14; Dark ; 1.5; 1; 9Alp CMA ; -1.44; 11000;occ; 3; 0;44372

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 4; 376.7; 25-AUG-2010 23:43:22; Dark ; 51.5; 157; The1Eri ; 2.91; 9300;occ; 103; 0;44373  
 5; 547.9; 25-AUG-2010 23:46:14; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44373  
 6; 904.9; 25-AUG-2010 23:52:11; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;44373  
 7; 1020.4; 25-AUG-2010 23:54:06; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44373  
 8; 1302.4; 25-AUG-2010 23:58:48; Dark ; 56.5; 18; 24Alp PsA ; 1.17; 9700;occ; 113; 0;44373  
 9; 1607.7; 26-AUG-2010 00:03:53; Dark ; 44.5; 142; 49Del Cap ; 2.85; 8900;occ; 89; 0;44373  
 10; 1800.9; 26-AUG-2010 00:07:07; Bright; 40.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 81; 0;44373  
 11; 1900.3; 26-AUG-2010 00:08:46; Bright; 45.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 91; 0;44373  
 12; 2082.9; 26-AUG-2010 00:11:48; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44373  
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 14; 2986.6; 26-AUG-2010 00:26:52; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44373  
 15; 3203.2; 26-AUG-2010 00:30:29; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44373  
 16; 3335.5; 26-AUG-2010 00:32:41; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;44373  
 17; 4216.0; 26-AUG-2010 00:47:22; Bright; 47.5; 42; 34Bet Aur ; 1.90; 10200;occ; 95; 0;44373  
 18; 4375.1; 26-AUG-2010 00:50:01; Bright; 55.0; 107; 37The Aur ; 2.65; 11000;occ; 110; 0;44373  
 19; 4659.9; 26-AUG-2010 00:54:46; Dark ; 51.0; 151; 13Mu Gem ; 2.89; 3000;occ; 102; 0;44373  
 20; 4760.1; 26-AUG-2010 00:56:26; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44373  
 21; 5003.6; 26-AUG-2010 01:00:29; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44373

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 3; -332.8; 26-AUG-2010 01:12:09; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44373  
 4; 378.0; 26-AUG-2010 01:23:59; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44374  
 5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374  
 6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374  
 7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374

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 2; -509.7; 26-AUG-2010 01:09:12; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;44373

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4; 378.0; 26-AUG-2010 01:23:59; Dark ; 53.0; 157; The1Eri ; 2.91; 9300;occ; 106; 0;44374
5; 548.0; 26-AUG-2010 01:26:50; Dark ; 54.0; 9; Alp Eri ; 0.45; 24000;occ; 108; 0;44374
6; 905.6; 26-AUG-2010 01:32:47; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44374
7; 1021.0; 26-AUG-2010 01:34:42; Dark ; 48.5; 63; Bet Gru ; 2.15; 2800;occ; 97; 0;44374
8; 1302.8; 26-AUG-2010 01:39:24; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 0;44374
9; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
10; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
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3; 1801.0; 26-AUG-2010 01:47:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44374
4; 1900.1; 26-AUG-2010 01:49:22; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44374
5; 2083.3; 26-AUG-2010 01:52:25; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44374
6; 2486.6; 26-AUG-2010 01:59:08; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44374
7; 2986.6; 26-AUG-2010 02:07:28; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44374
8; 3202.6; 26-AUG-2010 02:11:04; Bright; 45.5; 74; 11Bet Cas ; 2.27; 6600;occ; 91; 0;44374
9; 3334.9; 26-AUG-2010 02:13:16; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44374
10; 4216.1; 26-AUG-2010 02:27:58; Bright; 44.5; 42; 34Bet Aur ; 1.90; 10200;occ; 89; 0;44374
11; 4375.4; 26-AUG-2010 02:30:37; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44374
12; 4660.1; 26-AUG-2010 02:35:22; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44374
13; 4760.5; 26-AUG-2010 02:37:02; Dark ; 48.0; 44; 24Gam Gem ; 1.93; 11000;occ; 96; 0;44374
14; 5004.4; 26-AUG-2010 02:41:06; Dark ; 66.0; 14; 58Alp Ori ; 0.87; 3000;occ; 132; 0;44374
15; 5222.7; 26-AUG-2010 02:44:44; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44374
16; 5325.3; 26-AUG-2010 02:46:27; Dark ; 46.5; 1; 9Alp CMA ; -1.44; 11000;occ; 93; 0;44374
17; 5704.0; 26-AUG-2010 02:52:46; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44374
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19; 6585.0; 26-AUG-2010 03:07:26; Dark ; 49.0; 9; Alp Eri ; 0.45; 24000;occ; 98; 0;44375
20; 6942.0; 26-AUG-2010 03:13:23; Dark ; 50.0; 84; Alp Phe ; 2.40; 4500;occ; 100; 0;44375
21; 7057.2; 26-AUG-2010 03:15:19; Dark ; 50.5; 63; Bet Gru ; 2.15; 2800;occ; 101; 0;44375
22; 7339.4; 26-AUG-2010 03:20:01; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44375
23; 7643.6; 26-AUG-2010 03:25:05; Dark ; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44375
24; 7837.3; 26-AUG-2010 03:28:19; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44375
25; 7936.0; 26-AUG-2010 03:29:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44375
26; 8119.0; 26-AUG-2010 03:33:00; Bright; 44.5; 61; 8Eps Peg ; 2.10; 3900;occ; 89; 0;44375
27; 8530.9; 26-AUG-2010 03:39:52; Bright; 26.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 53; 0;44375
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2; 3202.0; 26-AUG-2010 03:51:39; Bright; 42.5; 74; 11Bet Cas ; 2.27; 6600;occ; 85; 0;44375
3; 3334.4; 26-AUG-2010 03:53:52; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44375
4; 4216.1; 26-AUG-2010 04:08:33; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44375
5; 4375.3; 26-AUG-2010 04:11:13; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44375
6; 4660.5; 26-AUG-2010 04:15:58; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44375
7; 4761.0; 26-AUG-2010 04:17:38; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44375
8; 5005.2; 26-AUG-2010 04:21:43; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44375
9; 5223.7; 26-AUG-2010 04:25:21; Dark ; 59.5; 72; 34Del Ori ; 2.25; 30000;occ; 119; 0;44375
10; 5325.9; 26-AUG-2010 04:27:03; Dark ; 47.0; 1; 9Alp CMA ; -1.44; 11000;occ; 94; 0;44375
11; 5528.0; 26-AUG-2010 04:30:25; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44375
12; 5705.1; 26-AUG-2010 04:33:23; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44375
13; 6416.6; 26-AUG-2010 04:45:14; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44376
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16; 7057.7; 26-AUG-2010 04:55:55; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44376
17; 7339.3; 26-AUG-2010 05:00:37; Dark ; 49.5; 18; 24Alp PsA ; 1.17; 9700;occ; 99; 0;44376
18; 7644.0; 26-AUG-2010 05:05:41; Dark ; 52.0; 142; 49Del Cap ; 2.85; 8900;occ; 104; 0;44376
19; 7837.5; 26-AUG-2010 05:08:55; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44376
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21; 8119.2; 26-AUG-2010 05:13:37; Bright; 39.5; 61; 8Eps Peg ; 2.10; 3900;occ; 79; 0;44376
22; 8587.3; 26-AUG-2010 05:21:25; Bright; 49.5; 164; 44Eta Peg ; 2.95; 5400;occ; 99; 0;44376
23; 9022.7; 26-AUG-2010 05:28:40; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44376
24; 9237.1; 26-AUG-2010 05:32:14; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44376
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3; 1896.2; 30-AUG-2010 14:48:13; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;44439
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8; 3288.1; 30-AUG-2010 15:11:25; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44439  
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12; 4679.1; 30-AUG-2010 15:34:36; Dark ; 55.5; 151; 13Mu Gem ; 2.89; 3000;occ; 111; 0;44439  
13; 4783.2; 30-AUG-2010 15:36:20; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44439  
14; 5049.9; 30-AUG-2010 15:40:47; Dark ; 59.0; 14; 58Alp Ori ; 0.87; 3000;occ; 118; 0;44439  
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4; 1896.3; 30-AUG-2010 16:28:49; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;44440  
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12; 4511.0; 30-AUG-2010 17:12:24; Bright; 38.0; 17; 78Bet Gem ; 1.16; 4500;occ; 76; 0;44440  
13; 4679.7; 30-AUG-2010 17:15:12; Dark ; 57.0; 151; 13Mu Gem ; 2.89; 3000;occ; 114; 0;44440  
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16; 5360.4; 30-AUG-2010 17:26:33; Dark ; 48.0; 1; 9Alp CMA ; -1.44; 11000;occ; 96; 0;44440  
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21; 6626.9; 30-AUG-2010 17:47:40; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44441  
22; 6985.0; 30-AUG-2010 17:53:38; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44441

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4; 593.1; 31-AUG-2010 00:30:05; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44445  
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7; 1616.5; 31-AUG-2010 00:47:09; Dark ; 48.5; 142; 49Del Cap ; 2.85; 8900;occ; 97; 0;44445  
8; 1805.4; 31-AUG-2010 00:50:18; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44445  
9; 1895.6; 31-AUG-2010 00:51:48; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;44445  
10; 2075.8; 31-AUG-2010 00:54:48; Bright; 38.0; 61; 8Eps Peg ; 2.10; 3900;occ; 76; 0;44445  
11; 2510.4; 31-AUG-2010 01:02:03; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;44445  
12; 2977.1; 31-AUG-2010 01:09:49; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;44445  
13; 3154.3; 31-AUG-2010 01:12:47; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44445  
14; 3283.9; 31-AUG-2010 01:14:56; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;44445  
15; 4209.8; 31-AUG-2010 01:30:22; Bright; 44.0; 42; 34Bet Aur ; 1.90; 10200;occ; 88; 0;44445  
16; 4377.5; 31-AUG-2010 01:33:10; Bright; 48.0; 107; 37The Aur ; 2.65; 11000;occ; 96; 0;44445  
17; 4511.6; 31-AUG-2010 01:35:24; Bright; 54.0; 17; 78Bet Gem ; 1.16; 4500;occ; 108; 0;44445  
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19; 4785.3; 31-AUG-2010 01:39:58; Dark ; 51.0; 44; 24Gam Gem ; 1.93; 11000;occ; 102; 0;44445  
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5; 593.7; 31-AUG-2010 02:10:42; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44446  
6; 951.8; 31-AUG-2010 02:16:40; Dark ; 54.0; 84; Alp Phe ; 2.40; 4500;occ; 108; 0;44446

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8; 1616.9; 31-AUG-2010 02:27:45; Dark ; 54.0; 142; 49Del Cap ; 2.85; 8900;occ; 108; 0;44446
9; 1895.8; 31-AUG-2010 02:32:24; Bright; 40.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 80; 0;44446
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11; 2509.6; 31-AUG-2010 02:42:38; Bright; 45.5; 164; 44Eta Peg ; 2.95; 5400;occ; 91; 0;44446
12; 2976.9; 31-AUG-2010 02:50:25; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;44446
13; 3153.5; 31-AUG-2010 02:53:22; Bright; 41.5; 74; 11Bet Cas ; 2.27; 6600;occ; 83; 0;44446
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4;-1354.7; 31-AUG-2010 03:18:49; Dark ; 60.5; 151; 13Mu Gem ; 2.89; 3000;occ; 121; 0;44446
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6; -671.7; 31-AUG-2010 03:30:12; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;44446
7; -256.3; 31-AUG-2010 03:37:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44446
8; 518.6; 31-AUG-2010 03:50:03; Dark ; 41.0; 143; Alp Hyi ; 2.86; 7200;occ; 82; 0;44447
9; 594.4; 31-AUG-2010 03:51:18; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44447
10; 952.5; 31-AUG-2010 03:57:17; Dark ; 60.0; 84; Alp Phe ; 2.40; 4500;occ; 120; 0;44447
11; 1325.0; 31-AUG-2010 04:03:29; Dark ; 53.5; 18; 24Alp PsA ; 1.17; 9700;occ; 107; 0;44447
12; 1617.3; 31-AUG-2010 04:08:21; Dark ; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44447
13; 1895.7; 31-AUG-2010 04:13:00; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;44447
14; 2076.1; 31-AUG-2010 04:16:00; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44447
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3;-1524.0; 31-AUG-2010 04:56:36; Bright; 36.5; 17; 78Bet Gem ; 1.16; 4500;occ; 73; 0;44447
4;-1353.9; 31-AUG-2010 04:59:26; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;44447
5;-1249.7; 31-AUG-2010 05:01:10; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;44447
6; -671.3; 31-AUG-2010 05:10:49; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;44447
7; -432.3; 31-AUG-2010 05:14:48; Dark ; 53.5; 101; 11Alp Lep ; 2.58; 7000;occ; 107; 0;44447
8; -255.2; 31-AUG-2010 05:17:45; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44447
9; 519.0; 31-AUG-2010 05:30:39; Dark ; 42.5; 143; Alp Hyi ; 2.86; 7200;occ; 85; 0;44448
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11; 952.6; 31-AUG-2010 05:37:53; Dark ; 48.5; 84; Alp Phe ; 2.40; 4500;occ; 97; 0;44448
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13; 1617.0; 31-AUG-2010 05:48:57; Dark ; 53.5; 142; 49Del Cap ; 2.85; 8900;occ; 107; 0;44448
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5;-1249.3; 31-AUG-2010 06:41:47; Dark ; 49.0; 44; 24Gam Gem ; 1.93; 11000;occ; 98; 0;44448
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13; 5606.1; 31-AUG-2010 08:36:02; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44449
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4; 2977.0; 31-AUG-2010 09:32:49; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44450
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6; 3280.1; 31-AUG-2010 09:37:52; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44450
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8; 1328.1; 31-AUG-2010 22:30:08; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44458
9; 1618.2; 31-AUG-2010 22:34:58; Dark ; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;44458
10; 1895.6; 31-AUG-2010 22:39:35; Bright; 40.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 81; 0;44458
11; 2075.5; 31-AUG-2010 22:42:35; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44458
12; 2503.7; 31-AUG-2010 22:49:43; Bright; 44.0; 164; 44Eta Peg ; 2.95; 5400;occ; 88; 0;44458
13; 2976.2; 31-AUG-2010 22:57:36; Bright; 34.5; 89; 5Alp Cep ; 2.45; 8000;occ; 69; 0;44458
14; 3146.3; 31-AUG-2010 23:00:26; Bright; 45.0; 74; 11Bet Cas ; 2.27; 6600;occ; 90; 0;44458
15; 3274.2; 31-AUG-2010 23:02:34; Bright; 45.5; 76; 27Gam Cas ; 2.30; 30000;occ; 91; 0;44458
16; 4208.1; 31-AUG-2010 23:18:08; Bright; 47.0; 42; 34Bet Aur ; 1.90; 10200;occ; 94; 0;44458
17; 4377.8; 31-AUG-2010 23:20:57; Bright; 47.0; 107; 37The Aur ; 2.65; 11000;occ; 94; 0;44458
18; 4513.9; 31-AUG-2010 23:23:13; Bright; 38.5; 17; 78Bet Gem ; 1.16; 4500;occ; 77; 0;44458
19; 4685.1; 31-AUG-2010 23:26:05; Dark ; 55.0; 151; 13Mu Gem ; 2.89; 3000;occ; 110; 0;44458
20; 4790.3; 31-AUG-2010 23:27:50; Dark ; 50.5; 44; 24Gam Gem ; 1.93; 11000;occ; 101; 0;44458
21; 4913.1; 31-AUG-2010 23:29:53; Dark ; 45.5; 8; 10Alp CMi ; 0.40; 6500;occ; 91; 0;44458
22; 5371.4; 31-AUG-2010 23:37:31; Dark ; 16.5; 1; 9Alp CMA ; -1.44; 11000;occ; 33; 0;44458
/nas3/ENVISAT/GOMOS/GOM_NL__0P/GOM_NL__0PNPDE20100831_233731_000056272092_00316_44458_0807.N1
1; -664.5; 31-AUG-2010 23:37:31; Dark ; 48.5; 1; 9Alp CMA ; -1.44; 11000;occ; 97; 0;44458
2; -498.5; 31-AUG-2010 23:40:17; Dark ; 41.5; 23; 21Eps CMA ; 1.50; 26000;occ; 83; 0;44458
3; -357.6; 31-AUG-2010 23:42:38; Dark ; 53.0; 139; 9Bet Lep ; 2.83; 5600;occ; 106; 0;44458

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4;	-242.7;	31-AUG-2010	23:44:33;	Dark	;	59.5;	0;		;	0.00;	0;	occ;	119;	0;	44458
5;	524.9;	31-AUG-2010	23:57:20;	Dark	;	39.5;	143;	Alp Hyi	;	2.86;	7200;	occ;	79;	0;	44459
6;	601.9;	31-AUG-2010	23:58:37;	Dark	;	45.0;	9;	Alp Eri	;	0.45;	24000;	occ;	90;	0;	44459
7;	959.7;	01-SEP-2010	00:04:35;	Dark	;	47.5;	84;	Alp Phe	;	2.40;	4500;	occ;	95;	0;	44459
8;	1328.2;	01-SEP-2010	00:10:44;	Dark	;	47.0;	18;	24Alp PsA	;	1.17;	9700;	occ;	94;	0;	44459
9;	1618.7;	01-SEP-2010	00:15:34;	Dark	;	48.5;	142;	49Del Cap	;	2.85;	8900;	occ;	97;	0;	44459
10;	1895.5;	01-SEP-2010	00:20:11;	Bright;		41.0;	162;	34Alp Aqr	;	2.94;	5350;	occ;	82;	0;	44459
11;	2075.2;	01-SEP-2010	00:23:11;	Bright;		41.0;	61;	8Eps Peg	;	2.10;	3900;	occ;	82;	0;	44459
12;	2503.0;	01-SEP-2010	00:30:18;	Bright;		46.0;	164;	44Eta Peg	;	2.95;	5400;	occ;	92;	0;	44459
13;	2975.5;	01-SEP-2010	00:38:11;	Bright;		38.5;	89;	5Alp Cep	;	2.45;	8000;	occ;	77;	0;	44459
14;	3145.2;	01-SEP-2010	00:41:01;	Bright;		43.5;	74;	11Bet Cas	;	2.27;	6600;	occ;	87;	0;	44459
15;	3273.7;	01-SEP-2010	00:43:09;	Bright;		45.0;	76;	27Gam Cas	;	2.30;	30000;	occ;	90;	0;	44459
16;	4208.2;	01-SEP-2010	00:58:43;	Bright;		45.5;	42;	34Bet Aur	;	1.90;	10200;	occ;	91;	0;	44459
17;	4377.9;	01-SEP-2010	01:01:33;	Bright;		57.0;	107;	37The Aur	;	2.65;	11000;	occ;	114;	0;	44459
18;	4514.1;	01-SEP-2010	01:03:49;	Bright;		39.0;	17;	78Bet Gem	;	1.16;	4500;	occ;	78;	0;	44459
19;	4685.5;	01-SEP-2010	01:06:41;	Dark	;	57.0;	151;	13Mu Gem	;	2.89;	3000;	occ;	114;	0;	44459
20;	4790.7;	01-SEP-2010	01:08:26;	Dark	;	52.5;	44;	24Gam Gem	;	1.93;	11000;	occ;	105;	0;	44459
21;	4913.6;	01-SEP-2010	01:10:29;	Dark	;	49.5;	8;	10Alp CMi	;	0.40;	6500;	occ;	99;	0;	44459