

# GOMOS Daily Report 13-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	14AUG2010 04:46:58
Data source version	GOMOS/5.01
Start time of products	13AUG2010 00:02:19
Stop time of products	13AUG2010 23:59:08
Store outputs in DB	Yes
Nb of level 1b prods	126
Nb of prods with errors	2

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

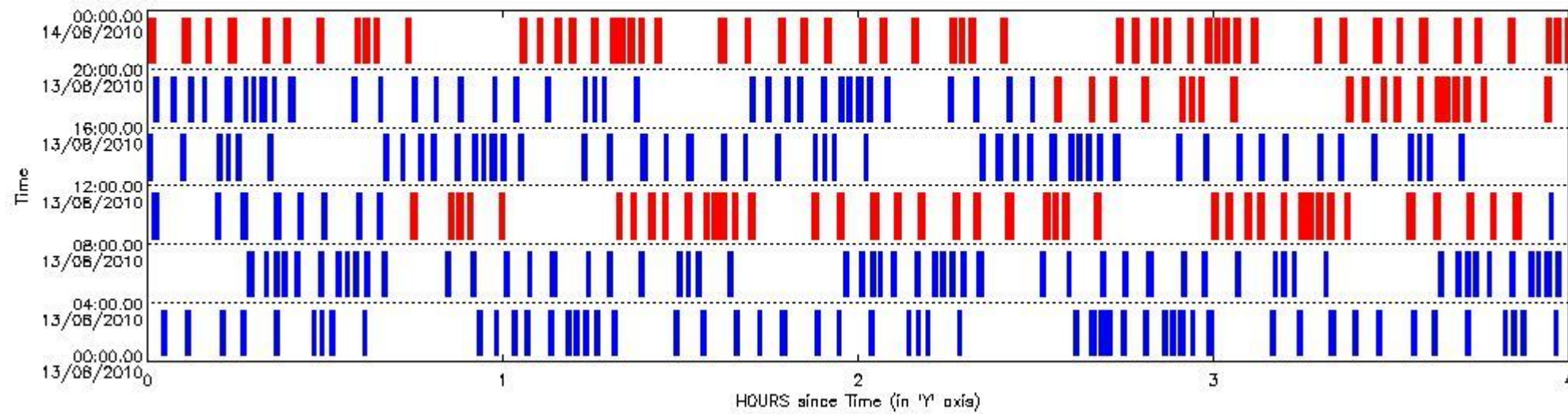
### 2.1 Level 0 products arrived in PCF (see template [here](#))

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

Red segments are missing products.

Blue segments are available products.

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



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

UTC start time	Star name	Star ID	Orbit
13-AUG-2010 08:44:19	8EpsPeg	61	44192
13-AUG-2010 08:50:42	53EpsCyg	92	44192
13-AUG-2010 08:52:13	37GamCyg	66	44192
13-AUG-2010 08:53:54	50AlpCyg	19	44192
13-AUG-2010 08:59:18	5AlpCep	89	44192
13-AUG-2010 09:19:10	34BetAur	42	44192
13-AUG-2010 09:21:33	37TheAur	107	44192
13-AUG-2010 09:24:34	12BetTau	28	44192
13-AUG-2010 09:26:52	23ZetTau	176	44192
13-AUG-2010 09:30:44	58AlpOri	14	44192
13-AUG-2010 09:33:49	46EpsOri	30	44192
13-AUG-2010 09:35:13	44IotOri	125	44192
13-AUG-2010 09:36:40	19BetOri	7	44192
13-AUG-2010 09:38:37	11AlpLep	101	44192
13-AUG-2010 09:41:25	DSA1062	0	44192

13-AUG-2010 09:52:06	The1Eri	157	44193
13-AUG-2010 09:56:33	AlpEri	9	44193
13-AUG-2010 10:02:09	AlpPhe	84	44193
13-AUG-2010 10:06:04	AlpGru	31	44193
13-AUG-2010 10:09:59	24AlpPsA	18	44193
13-AUG-2010 10:15:53	49DelCap	142	44193
13-AUG-2010 10:19:27	22BetAqr	154	44193
13-AUG-2010 10:24:54	8EpsPeg	61	44193
13-AUG-2010 10:31:18	53EpsCyg	92	44193
13-AUG-2010 10:32:49	37GamCyg	66	44193
13-AUG-2010 10:34:30	50AlpCyg	19	44193
13-AUG-2010 10:39:53	5AlpCep	89	44193
13-AUG-2010 10:59:46	34BetAur	42	44193
13-AUG-2010 11:02:09	37TheAur	107	44193
13-AUG-2010 11:05:11	12BetTau	28	44193
13-AUG-2010 11:07:28	23ZetTau	176	44193
13-AUG-2010 11:11:20	58AlpOri	14	44193
13-AUG-2010 11:14:25	46EpsOri	30	44193
13-AUG-2010 11:15:49	44IotOri	125	44193
13-AUG-2010 11:17:17	19BetOri	7	44193
13-AUG-2010 11:19:14	11AlpLep	101	44193
13-AUG-2010 11:22:01	DSA1062	0	44193
13-AUG-2010 11:32:43	The1Eri	157	44194
13-AUG-2010 11:37:09	AlpEri	9	44194
13-AUG-2010 11:42:46	AlpPhe	84	44194
13-AUG-2010 11:46:41	AlpGru	31	44194
13-AUG-2010 11:50:35	24AlpPsA	18	44194
13-AUG-2010 18:33:01	24AlpPsA	18	44198
13-AUG-2010 18:38:53	49DelCap	142	44198
13-AUG-2010 18:42:26	22BetAqr	154	44198
13-AUG-2010 18:47:52	8EpsPeg	61	44198
13-AUG-2010 18:54:16	53EpsCyg	92	44198
13-AUG-2010 18:55:48	37GamCyg	66	44198
13-AUG-2010 18:57:28	50AlpCyg	19	44198
13-AUG-2010 19:02:52	5AlpCep	89	44198
13-AUG-2010 19:22:22	13AlpAur	6	44198
13-AUG-2010 19:25:09	37TheAur	107	44198
13-AUG-2010 19:28:11	12BetTau	28	44198
13-AUG-2010 19:30:29	23ZetTau	176	44198
13-AUG-2010 19:34:22	58AlpOri	14	44198
13-AUG-2010 19:37:28	46EpsOri	30	44198
13-AUG-2010 19:38:52	44IotOri	125	44198
13-AUG-2010 19:40:20	19BetOri	7	44198
13-AUG-2010 19:42:16	11AlpLep	101	44198
13-AUG-2010 19:45:04	DSA1062	0	44198
13-AUG-2010 19:55:48	The1Eri	157	44199
13-AUG-2010 20:00:12	AlpEri	9	44199
13-AUG-2010 20:05:50	AlpPhe	84	44199
13-AUG-2010 20:09:42	AlpGru	31	44199
13-AUG-2010 20:13:37	24AlpPsA	18	44199
13-AUG-2010 20:19:29	49DelCap	142	44199
13-AUG-2010 20:23:02	22BetAqr	154	44199
13-AUG-2010 20:28:28	8EpsPeg	61	44199
13-AUG-2010 20:34:52	53EpsCyg	92	44199
13-AUG-2010 20:36:24	37GamCyg	66	44199
13-AUG-2010 20:38:04	50AlpCyg	19	44199
13-AUG-2010 20:43:27	5AlpCep	89	44199
13-AUG-2010 21:02:57	13AlpAur	6	44199
13-AUG-2010 21:05:45	37TheAur	107	44199

13-AUG-2010 21:08:47	12BetTau	28	44199
13-AUG-2010 21:11:05	23ZetTau	176	44199
13-AUG-2010 21:14:58	58AlpOri	14	44199
13-AUG-2010 21:18:04	46EpsOri	30	44199
13-AUG-2010 21:19:28	44IotOri	125	44199
13-AUG-2010 21:20:57	19BetOri	7	44199
13-AUG-2010 21:22:53	11AlpLep	101	44199
13-AUG-2010 21:25:41	DSA1062	0	44199
13-AUG-2010 21:36:25	The1Eri	157	44200
13-AUG-2010 21:40:49	AlpEri	9	44200
13-AUG-2010 21:46:27	AlpPhe	84	44200
13-AUG-2010 21:50:18	AlpGru	31	44200
13-AUG-2010 21:54:13	24AlpPsA	18	44200
13-AUG-2010 22:00:05	49DelCap	142	44200
13-AUG-2010 22:03:38	22BetAqr	154	44200
13-AUG-2010 22:09:03	8EpsPeg	61	44200
13-AUG-2010 22:15:28	53EpsCyg	92	44200
13-AUG-2010 22:17:00	37GamCyg	66	44200
13-AUG-2010 22:18:40	50AlpCyg	19	44200
13-AUG-2010 22:24:03	5AlpCep	89	44200
13-AUG-2010 22:43:33	13AlpAur	6	44200
13-AUG-2010 22:46:21	37TheAur	107	44200
13-AUG-2010 22:49:23	12BetTau	28	44200
13-AUG-2010 22:51:41	23ZetTau	176	44200
13-AUG-2010 22:55:35	58AlpOri	14	44200
13-AUG-2010 22:58:41	46EpsOri	30	44200
13-AUG-2010 23:00:05	44IotOri	125	44200
13-AUG-2010 23:01:34	19BetOri	7	44200
13-AUG-2010 23:03:29	11AlpLep	101	44200
13-AUG-2010 23:06:18	DSA1062	0	44200
13-AUG-2010 23:17:02	The1Eri	157	44201
13-AUG-2010 23:21:26	AlpEri	9	44201
13-AUG-2010 23:27:04	AlpPhe	84	44201
13-AUG-2010 23:30:55	AlpGru	31	44201
13-AUG-2010 23:34:50	24AlpPsA	18	44201
13-AUG-2010 23:40:41	49DelCap	142	44201
13-AUG-2010 23:44:14	22BetAqr	154	44201
13-AUG-2010 23:49:39	8EpsPeg	61	44201
13-AUG-2010 23:56:03	53EpsCyg	92	44201
13-AUG-2010 23:57:35	37GamCyg	66	44201
13-AUG-2010 23:59:15	50AlpCyg	19	44201

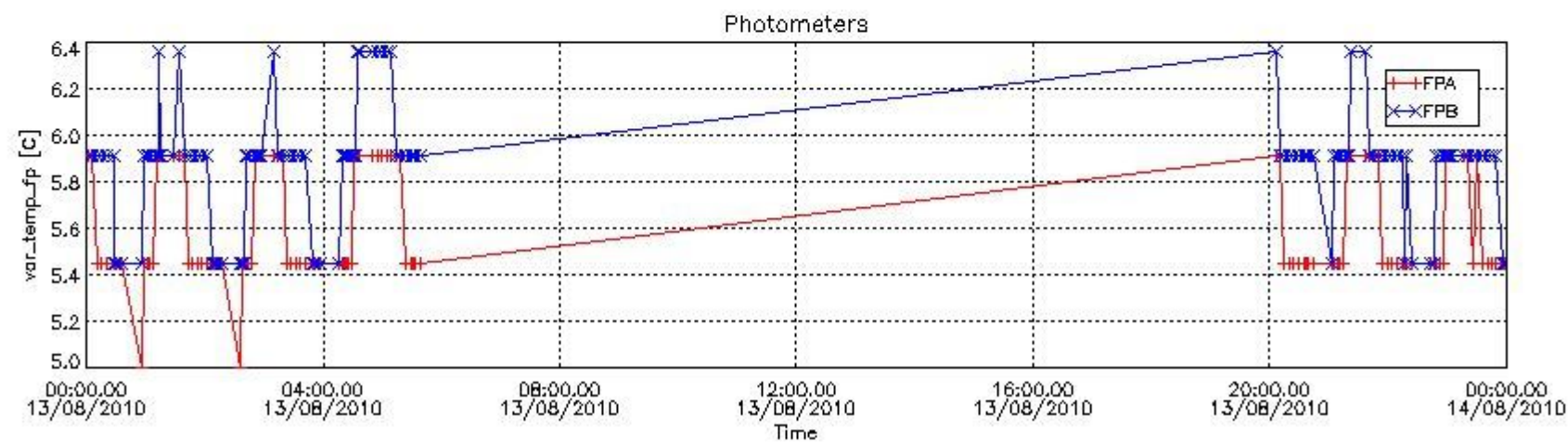
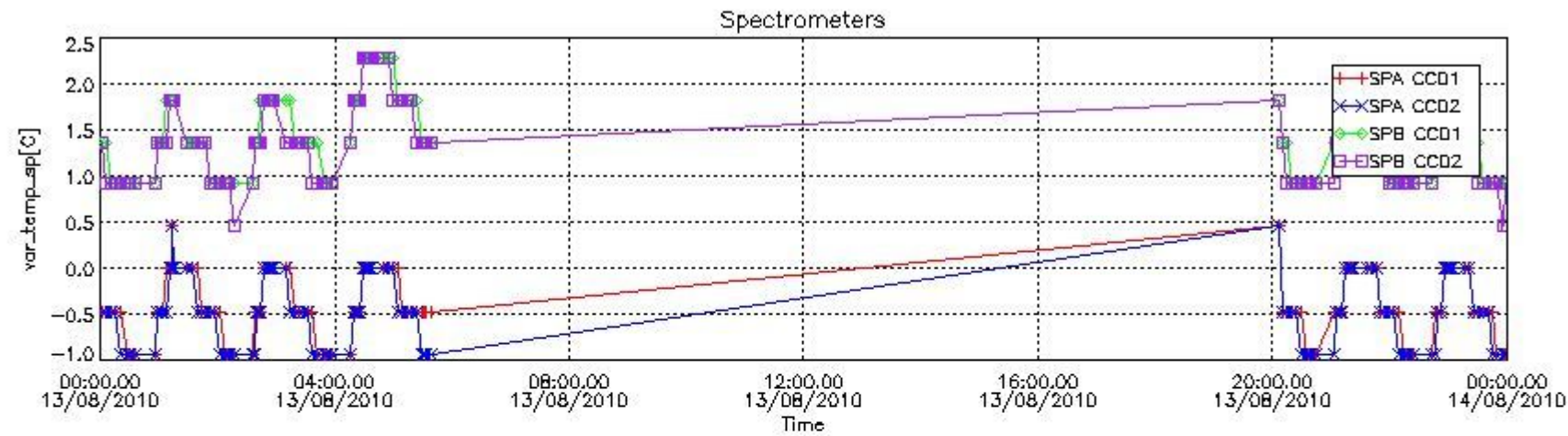
#### 2.4 Summary of processed GOM\_TRA\_1P products

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_TRA_1PNPDE20100813_000219_000000452092_00045_44187_4860.N1	13-AUG-2010 00:02:19	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44187	No
2	GOM_TRA_1PNPDE20100813_000613_000000582092_00045_44187_4861.N1	13-AUG-2010 00:06:13	Twilight_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	44187	No
3	GOM_TRA_1PNPDE20100813_001209_000000452092_00045_44187_4862.N1	13-AUG-2010 00:12:09	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44187	No
4	GOM_TRA_1PNPDE20100813_001545_000000452092_00045_44187_4863.N1	13-AUG-2010 00:15:45	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	44187	No
5	GOM_TRA_1PNPDE20100813_002114_000000492092_00045_44187_4864.N1	13-AUG-2010 00:21:14	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	44187	No
6	GOM_TRA_1PNPDE20100813_002737_000000402092_00045_44187_4865.N1	13-AUG-2010 00:27:37	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	44187	No
7	GOM_TRA_1PNPDE20100813_002907_000000372092_00045_44187_4866.N1	13-AUG-2010 00:29:07	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	44187	No
8	GOM_TRA_1PNPDE20100813_003049_000000402092_00045_44187_4867.N1	13-AUG-2010 00:30:49	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	44187	No
9	GOM_TRA_1PNPDE20100813_003612_000000392092_00045_44187_4868.N1	13-AUG-2010 00:36:12	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44187	No
10	GOM_TRA_1PNPDE20100813_005540_000000492092_00045_44187_4869.N1	13-AUG-2010 00:55:40	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44187	No
11	GOM_TRA_1PNPDE20100813_005826_000000442092_00045_44187_4870.N1	13-AUG-2010 00:58:26	Bright	44.000	107	37The Aur	2.6490	11000.	88	44187	No
12	GOM_TRA_1PNPDE20100813_010127_000000472092_00045_44187_4871.N1	13-AUG-2010 01:01:27	Twilight_stray	46.500	28	12Bet Tau	1.6500	15200.	93	44187	No
13	GOM_TRA_1PNPDE20100813_010343_000000452092_00045_44187_4872.N1	13-AUG-2010 01:03:43	Twilight_stray	44.500	176	23Zet Tau	3.0200	22000.	89	44187	No

14	GOM_TRA_1PNPDE20100813_010735_000000572092_00045_44187_4873.N1	13-AUG-2010 01:07:35	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	44187	No
15	GOM_TRA_1PNPDE20100813_011039_000000442092_00045_44187_4874.N1	13-AUG-2010 01:10:39	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	44187	No
16	GOM_TRA_1PNPDE20100813_011203_000000432092_00045_44187_4875.N1	13-AUG-2010 01:12:03	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	44187	No
17	GOM_TRA_1PNPDE20100813_011330_000000512092_00045_44187_4876.N1	13-AUG-2010 01:13:30	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	44187	No
18	GOM_TRA_1PNPDE20100813_011330_000000522092_00045_44187_4893.N1	13-AUG-2010 01:13:30	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	44187	Yes
19	GOM_TRA_1PNPDE20100813_011527_000000462092_00045_44187_4894.N1	13-AUG-2010 01:15:27	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44187	No
20	GOM_TRA_1PNPDE20100813_012854_000000502092_00046_44188_4895.N1	13-AUG-2010 01:28:54	Dark	49.500	157	The1Eri	2.9060	9300.0	99	44188	No
21	GOM_TRA_1PNPDE20100813_013323_000000482092_00046_44188_4896.N1	13-AUG-2010 01:33:23	Dark	47.500	9	Alp Eri	0.45300	24000.	95	44188	No
22	GOM_TRA_1PNPDE20100813_013858_000000582092_00046_44188_4897.N1	13-AUG-2010 01:38:58	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	44188	No
23	GOM_TRA_1PNPDE20100813_014255_000000442092_00046_44188_4898.N1	13-AUG-2010 01:42:55	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	44188	No
24	GOM_TRA_1PNPDE20100813_014650_000000602092_00046_44188_4899.N1	13-AUG-2010 01:46:50	Twilight_and_stray	59.500	18	24Alp PsA	1.1660	9700.0	119	44188	No
25	GOM_TRA_1PNPDE20100813_015246_000000502092_00046_44188_4900.N1	13-AUG-2010 01:52:46	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	44188	No
26	GOM_TRA_1PNPDE20100813_015621_000000452092_00046_44188_4901.N1	13-AUG-2010 01:56:21	Bright	45.000	154	22Bet Aqr	2.8990	5700.0	90	44188	No
27	GOM_TRA_1PNPDE20100813_020149_000000492092_00046_44188_4902.N1	13-AUG-2010 02:01:49	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	44188	No
28	GOM_TRA_1PNPDE20100813_020812_000000392092_00046_44188_4903.N1	13-AUG-2010 02:08:12	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	44188	No
29	GOM_TRA_1PNPDE20100813_020943_000000392092_00046_44188_4904.N1	13-AUG-2010 02:09:43	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	44188	No
30	GOM_TRA_1PNPDE20100813_021124_000000392092_00046_44188_4905.N1	13-AUG-2010 02:11:24	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	44188	No
31	GOM_TRA_1PNPDE20100813_021648_000000352092_00046_44188_4906.N1	13-AUG-2010 02:16:48	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	44188	No
32	GOM_TRA_1PNPDE20100813_023616_000000492092_00046_44188_4907.N1	13-AUG-2010 02:36:16	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44188	No
33	GOM_TRA_1PNPDE20100813_023902_000000562092_00046_44188_4908.N1	13-AUG-2010 02:39:02	Bright	56.000	107	37The Aur	2.6490	11000.	112	44188	No
34	GOM_TRA_1PNPDE20100813_024044_000000542092_00046_44188_4909.N1	13-AUG-2010 02:40:44	Bright	54.000	114	3Iot Aur	2.6930	4600.0	108	44188	No
35	GOM_TRA_1PNPDE20100813_024203_000000502092_00046_44188_4910.N1	13-AUG-2010 02:42:03	Twilight_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	44188	No
36	GOM_TRA_1PNPDE20100813_024420_000000452092_00046_44188_4911.N1	13-AUG-2010 02:44:20	Twilight_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	44188	No
37	GOM_TRA_1PNPDE20100813_024812_000000482092_00046_44188_4912.N1	13-AUG-2010 02:48:12	Dark	47.500	14	58Alp Ori	0.87000	3000.0	95	44188	No
38	GOM_TRA_1PNPDE20100813_025116_000000482092_00046_44188_4913.N1	13-AUG-2010 02:51:16	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	44188	No
39	GOM_TRA_1PNPDE20100813_025239_000000452092_00046_44188_4914.N1	13-AUG-2010 02:52:39	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	44188	No
40	GOM_TRA_1PNPDE20100813_025407_000000602092_00046_44188_4915.N1	13-AUG-2010 02:54:07	Dark	59.500	7	19Bet Ori	0.10000	14000.	119	44188	No
41	GOM_TRA_1PNPDE20100813_025604_000000462092_00046_44188_4916.N1	13-AUG-2010 02:56:04	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	44188	No
42	GOM_TRA_1PNPDE20100813_030930_000000502092_00047_44189_4917.N1	13-AUG-2010 03:09:30	Dark	50.000	157	The1Eri	2.9060	9300.0	100	44189	No
43	GOM_TRA_1PNPDE20100813_031359_000000512092_00047_44189_4918.N1	13-AUG-2010 03:13:59	Dark	51.000	9	Alp Eri	0.45300	24000.	102	44189	No
44	GOM_TRA_1PNPDE20100813_031935_000000542092_00047_44189_4919.N1	13-AUG-2010 03:19:35	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44189	No
45	GOM_TRA_1PNPDE20100813_032332_000000422092_00047_44189_4920.N1	13-AUG-2010 03:23:32	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	44189	No
46	GOM_TRA_1PNPDE20100813_032726_000000572092_00047_44189_4921.N1	13-AUG-2010 03:27:26	Twilight_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	44189	No
47	GOM_TRA_1PNPDE20100813_033321_000000452092_00047_44189_4922.N1	13-AUG-2010 03:33:21	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	44189	No
48	GOM_TRA_1PNPDE20100813_033657_000000442092_00047_44189_4923.N1	13-AUG-2010 03:36:57	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	44189	No
49	GOM_TRA_1PNPDE20100813_034225_000000502092_00047_44189_4924.N1	13-AUG-2010 03:42:25	Bright	49.500	61	8Eps Peg	2.1000	3900.0	99	44189	No
50	GOM_TRA_1PNPDE20100813_034848_000000432092_00047_44189_4925.N1	13-AUG-2010 03:48:48	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	44189	No
51	GOM_TRA_1PNPDE20100813_035019_000000412092_00047_44189_4926.N1	13-AUG-2010 03:50:19	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	44189	No
52	GOM_TRA_1PNPDE20100813_035200_000000392092_00047_44189_4927.N1	13-AUG-2010 03:52:00	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	44189	No
53	GOM_TRA_1PNPDE20100813_035724_000000392092_00047_44189_4944.N1	13-AUG-2010 03:57:24	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44189	No
54	GOM_TRA_1PNPDE20100813_041652_000000602092_00047_44189_4945.N1	13-AUG-2010 04:16:52	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	44189	No
55	GOM_TRA_1PNPDE20100813_041938_000000372092_00047_44189_4946.N1	13-AUG-2010 04:19:38	Bright	37.000	107	37The Aur	2.6490	11000.	74	44189	No
56	GOM_TRA_1PNPDE20100813_042120_000000542092_00047_44189_4947.N1	13-AUG-2010 04:21:20	Bright	54.000	114	3Iot Aur	2.6930	4600.0	108	44189	No
57	GOM_TRA_1PNPDE20100813_042239_000000492092_00047_44189_4948.N1	13-AUG-2010 04:22:39	Twilight_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	44189	No
58	GOM_TRA_1PNPDE20100813_042456_000000442092_00047_44189_4949.N1	13-AUG-2010 04:24:56	Twilight_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	44189	No
59	GOM_TRA_1PNPDE20100813_042848_000000512092_00047_44189_4950.N1	13-AUG-2010 04:28:48	Dark	50.500	14	58Alp Ori	0.87000	3000.0	101	44189	No
60	GOM_TRA_1PNPDE20100813_043152_000000482092_00047_44189_4951.N1	13-AUG-2010 04:31:52	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	44189	No
61	GOM_TRA_1PNPDE20100813_043316_000000452092_00047_44189_4952.N1	13-AUG-2010 04:33:16	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	44189	No
62	GOM_TRA_1PNPDE20100813_043443_000000562092_00047_44189_4953.N1	13-AUG-2010 04:34:43	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	44189	No
63	GOM_TRA_1PNPDE20100813_043641_000000452092_00047_44189_4954.N1	13-AUG-2010 04:36:41	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	44189	No
64	GOM_TRA_1PNPDE20100813_045008_000000492092_00048_44190_4955.N1	13-AUG-2010 04:50:08	Dark	49.000	157	The1Eri	2.9060	9300.0	98	44190	No
65	GOM_TRA_1PNPDE20100813_045436_000000442092_00048_44190_4956.N1	13-AUG-2010 04:54:36	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44190	No
66	GOM_TRA_1PNPDE20100813_050012_000000532092_00048_44190_4957.N1	13-AUG-2010 05:00:12	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44190	No
67	GOM_TRA_1PNPDE20100813_050408_000000432092_00048_44190_4958.N1	13-AUG-2010 05:04:08	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	44190	No
68	GOM_TRA_1PNPDE20100813_050802_000000582092_00048_44190_4959.N1	13-AUG-2010 05:08:02	Twilight_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	44190	No
69	GOM_TRA_1PNPDE20100813_051358_000000462092_00048_44190_4960.N1	13-AUG-2010 05:13:58	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44190	No
70	GOM_TRA_1PNPDE20100813_051733_000000442092_00048_44190_4961.N1	13-AUG-2010 05:17:33	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	44190	No
71	GOM_TRA_1PNPDE20100813_052301_000000492092_00048_44190_4962.N1	13-AUG-2010 05:23:01	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	44190	No
72	GOM_TRA_1PNPDE20100813_052924_000000422092_00048_44190_4963.N1	13-AUG-2010 05:29:24	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	44190	No

73	GOM_TRA_1PNPDE20100813_053055_000000402092_00048_44190_4964.N1	13-AUG-2010 05:30:55	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	44190	No
74	GOM_TRA_1PNPDE20100813_053236_000000422092_00048_44190_4965.N1	13-AUG-2010 05:32:36	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	44190	No
75	GOM_TRA_1PNPDE20100813_053800_000000402092_00048_44190_4966.N1	13-AUG-2010 05:38:00	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44190	No
76	GOM_TRA_1PNPDE20100813_200543_000000632092_00057_44199_5072.N1	13-AUG-2010 20:05:43	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	44199	Yes
77	GOM_TRA_1PNPDE20100813_200935_000000422092_00057_44199_5073.N1	13-AUG-2010 20:09:35	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	44199	No
78	GOM_TRA_1PNPDE20100813_201330_000000582092_00057_44199_5074.N1	13-AUG-2010 20:13:30	Twilight_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	44199	No
79	GOM_TRA_1PNPDE20100813_201922_000000472092_00057_44199_5075.N1	13-AUG-2010 20:19:22	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44199	No
80	GOM_TRA_1PNPDE20100813_202256_000000442092_00057_44199_5076.N1	13-AUG-2010 20:22:56	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	44199	No
81	GOM_TRA_1PNPDE20100813_202821_000000492092_00057_44199_5077.N1	13-AUG-2010 20:28:21	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	44199	No
82	GOM_TRA_1PNPDE20100813_203445_000000392092_00057_44199_5078.N1	13-AUG-2010 20:34:45	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	44199	No
83	GOM_TRA_1PNPDE20100813_203617_000000362092_00057_44199_5079.N1	13-AUG-2010 20:36:17	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	44199	No
84	GOM_TRA_1PNPDE20100813_203757_000000362092_00057_44199_5080.N1	13-AUG-2010 20:37:57	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	44199	No
85	GOM_TRA_1PNPDE20100813_204320_000000412092_00057_44199_5081.N1	13-AUG-2010 20:43:20	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44199	No
86	GOM_TRA_1PNPDE20100813_210251_000000492092_00057_44199_5082.N1	13-AUG-2010 21:02:51	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44199	No
87	GOM_TRA_1PNPDE20100813_210539_000000392092_00057_44199_5083.N1	13-AUG-2010 21:05:39	Bright	39.000	107	37The Aur	2.6490	11000.	78	44199	No
88	GOM_TRA_1PNPDE20100813_210840_000000532092_00057_44199_5084.N1	13-AUG-2010 21:08:40	Twilight_stray	52.500	28	12Bet Tau	1.6500	15200.	105	44199	No
89	GOM_TRA_1PNPDE20100813_211058_000000462092_00057_44199_5085.N1	13-AUG-2010 21:10:58	Twilight_stray	45.500	176	23Zet Tau	3.0200	22000.	91	44199	No
90	GOM_TRA_1PNPDE20100813_211451_000000582092_00057_44199_5086.N1	13-AUG-2010 21:14:51	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	44199	No
91	GOM_TRA_1PNPDE20100813_211757_000000442092_00057_44199_5087.N1	13-AUG-2010 21:17:57	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	44199	No
92	GOM_TRA_1PNPDE20100813_211921_000000442092_00057_44199_5088.N1	13-AUG-2010 21:19:21	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	44199	No
93	GOM_TRA_1PNPDE20100813_212050_000000612092_00057_44199_5092.N1	13-AUG-2010 21:20:50	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	44199	No
94	GOM_TRA_1PNPDE20100813_212246_000000462092_00057_44199_5093.N1	13-AUG-2010 21:22:46	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	44199	No
95	GOM_TRA_1PNPDE20100813_213618_000000492092_00058_44200_5094.N1	13-AUG-2010 21:36:18	Dark	48.500	157	The1Eri	2.9060	9300.0	97	44200	No
96	GOM_TRA_1PNPDE20100813_214042_000000452092_00058_44200_5095.N1	13-AUG-2010 21:40:42	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44200	No
97	GOM_TRA_1PNPDE20100813_214620_000000552092_00058_44200_5096.N1	13-AUG-2010 21:46:20	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44200	No
98	GOM_TRA_1PNPDE20100813_215012_000000432092_00058_44200_5097.N1	13-AUG-2010 21:50:12	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44200	No
99	GOM_TRA_1PNPDE20100813_215406_000000572092_00058_44200_5098.N1	13-AUG-2010 21:54:06	Twilight_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	44200	No
100	GOM_TRA_1PNPDE20100813_215958_000000492092_00058_44200_5099.N1	13-AUG-2010 21:59:58	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	44200	No
101	GOM_TRA_1PNPDE20100813_220331_000000442092_00058_44200_5100.N1	13-AUG-2010 22:03:31	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	44200	No
102	GOM_TRA_1PNPDE20100813_220856_000000492092_00058_44200_5101.N1	13-AUG-2010 22:08:56	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	44200	No
103	GOM_TRA_1PNPDE20100813_221521_000000392092_00058_44200_5102.N1	13-AUG-2010 22:15:21	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	44200	No
104	GOM_TRA_1PNPDE20100813_221653_000000362092_00058_44200_5103.N1	13-AUG-2010 22:16:53	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	44200	No
105	GOM_TRA_1PNPDE20100813_221833_000000412092_00058_44200_5104.N1	13-AUG-2010 22:18:33	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	44200	No
106	GOM_TRA_1PNPDE20100813_222356_000000402092_00058_44200_5105.N1	13-AUG-2010 22:23:56	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44200	No
107	GOM_TRA_1PNPDE20100813_224326_000000432092_00058_44200_5106.N1	13-AUG-2010 22:43:26	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	44200	No
108	GOM_TRA_1PNPDE20100813_224615_000000382092_00058_44200_5107.N1	13-AUG-2010 22:46:15	Bright	38.000	107	37The Aur	2.6490	11000.	76	44200	No
109	GOM_TRA_1PNPDE20100813_224916_000000502092_00058_44200_5108.N1	13-AUG-2010 22:49:16	Twilight_stray	49.500	28	12Bet Tau	1.6500	15200.	99	44200	No
110	GOM_TRA_1PNPDE20100813_225134_000000472092_00058_44200_5109.N1	13-AUG-2010 22:51:34	Twilight_stray	46.500	176	23Zet Tau	3.0200	22000.	93	44200	No
111	GOM_TRA_1PNPDE20100813_225528_000000572092_00058_44200_5110.N1	13-AUG-2010 22:55:28	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	44200	No
112	GOM_TRA_1PNPDE20100813_225834_000000482092_00058_44200_5111.N1	13-AUG-2010 22:58:34	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	44200	No
113	GOM_TRA_1PNPDE20100813_225958_000000442092_00058_44200_5112.N1	13-AUG-2010 22:59:58	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	44200	No
114	GOM_TRA_1PNPDE20100813_230126_000000592092_00058_44200_5113.N1	13-AUG-2010 23:01:26	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	44200	No
115	GOM_TRA_1PNPDE20100813_230322_000000452092_00058_44200_5115.N1	13-AUG-2010 23:03:22	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	44200	No
116	GOM_TRA_1PNPDE20100813_231655_000000492092_00059_44201_5116.N1	13-AUG-2010 23:16:55	Dark	49.000	157	The1Eri	2.9060	9300.0	98	44201	No
117	GOM_TRA_1PNPDE20100813_232119_000000442092_00059_44201_5117.N1	13-AUG-2010 23:21:19	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44201	No
118	GOM_TRA_1PNPDE20100813_232657_000000542092_00059_44201_5118.N1	13-AUG-2010 23:26:57	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44201	No
119	GOM_TRA_1PNPDE20100813_233048_000000422092_00059_44201_5119.N1	13-AUG-2010 23:30:48	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	44201	No
120	GOM_TRA_1PNPDE20100813_233442_000000592092_00059_44201_5120.N1	13-AUG-2010 23:34:42	Twilight_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	44201	No
121	GOM_TRA_1PNPDE20100813_234034_000000462092_00059_44201_5121.N1	13-AUG-2010 23:40:34	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44201	No
122	GOM_TRA_1PNPDE20100813_234407_000000452092_00059_44201_5122.N1	13-AUG-2010 23:44:07	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	44201	No
123	GOM_TRA_1PNPDE20100813_234932_000000492092_00059_44201_5123.N1	13-AUG-2010 23:49:32	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	44201	No
124	GOM_TRA_1PNPDE20100813_235557_000000422092_00059_44201_5124.N1	13-AUG-2010 23:55:57	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	44201	No
125	GOM_TRA_1PNPDE20100813_235728_000000382092_00059_44201_5125.N1	13-AUG-2010 23:57:28	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	44201	No
126	GOM_TRA_1PNPDE20100813_235908_000000412092_00059_44201_5126.N1	13-AUG-2010 23:59:08	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	44201	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).

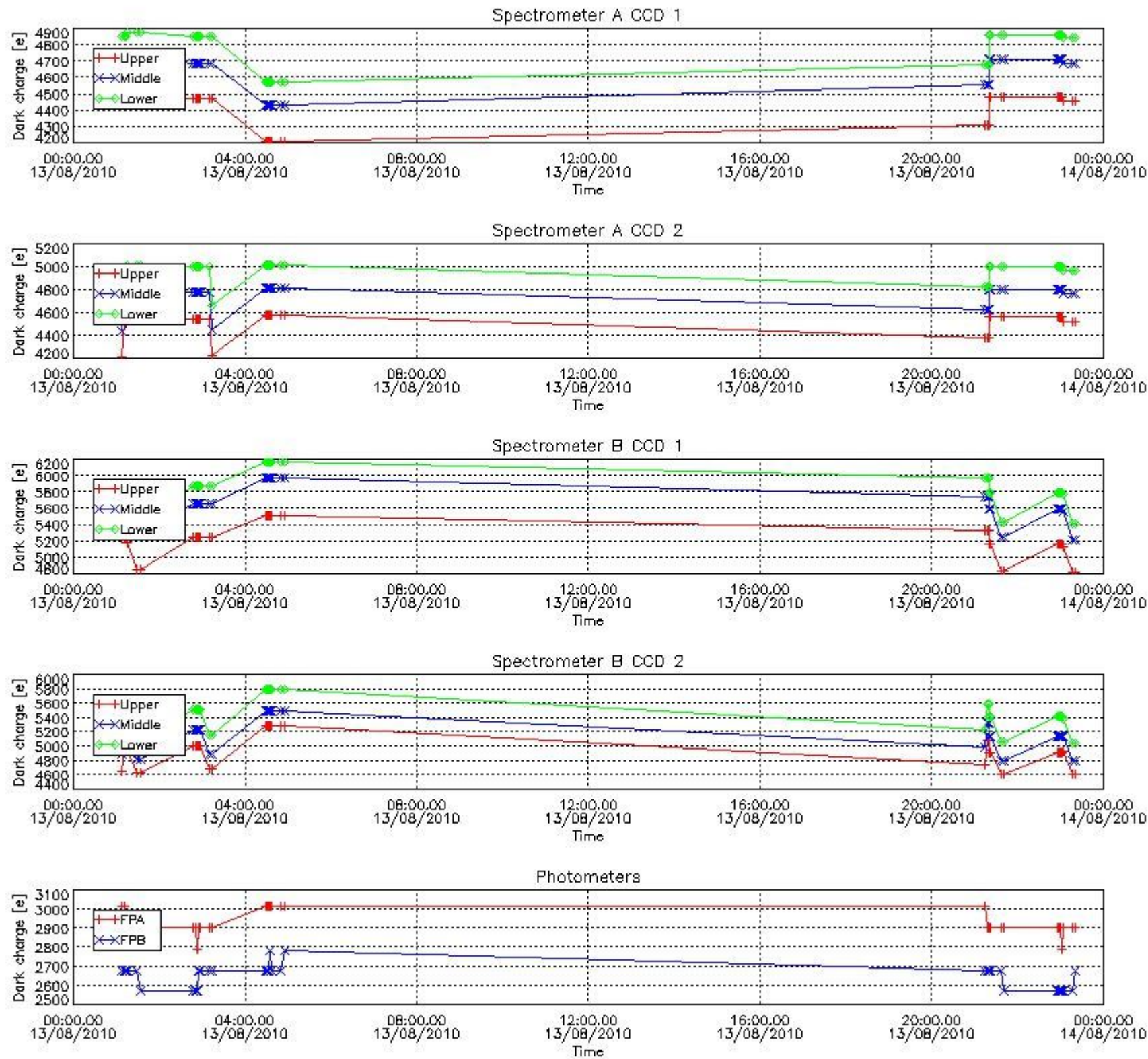
In this section a list of products that did not use the Dark Sky Area (DSA) observation for the DC computation is given. It is also provided the mean DC plot per product for dark limb products with no error flag set.

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

Product name	DC information
GOM_TRA_1PNPDE20100813_200543_000000632092_00057_44199_5072.N1	DC map with no T dep.
GOM_TRA_1PNPDE20100813_200935_000000422092_00057_44199_5073.N1	DC map used
GOM_TRA_1PNPDE20100813_201330_000000582092_00057_44199_5074.N1	DC map used
GOM_TRA_1PNPDE20100813_201922_000000472092_00057_44199_5075.N1	DC map used
GOM_TRA_1PNPDE20100813_202256_000000442092_00057_44199_5076.N1	DC map used
GOM_TRA_1PNPDE20100813_202821_000000492092_00057_44199_5077.N1	DC map used
GOM_TRA_1PNPDE20100813_203445_000000392092_00057_44199_5078.N1	DC map used
GOM_TRA_1PNPDE20100813_203617_000000362092_00057_44199_5079.N1	DC map used
GOM_TRA_1PNPDE20100813_203757_000000362092_00057_44199_5080.N1	DC map used
GOM_TRA_1PNPDE20100813_204320_000000412092_00057_44199_5081.N1	DC map used
GOM_TRA_1PNPDE20100813_210251_000000492092_00057_44199_5082.N1	DC map used
GOM_TRA_1PNPDE20100813_210539_000000392092_00057_44199_5083.N1	DC map used
GOM_TRA_1PNPDE20100813_210840_000000532092_00057_44199_5084.N1	DC map used
GOM_TRA_1PNPDE20100813_211058_000000462092_00057_44199_5085.N1	DC map used

GOM_TRA_1PNPDE20100813_211451_000000582092_00057_44199_5086.N1	DC map used
GOM_TRA_1PNPDE20100813_211757_000000442092_00057_44199_5087.N1	DC map used
GOM_TRA_1PNPDE20100813_211921_000000442092_00057_44199_5088.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

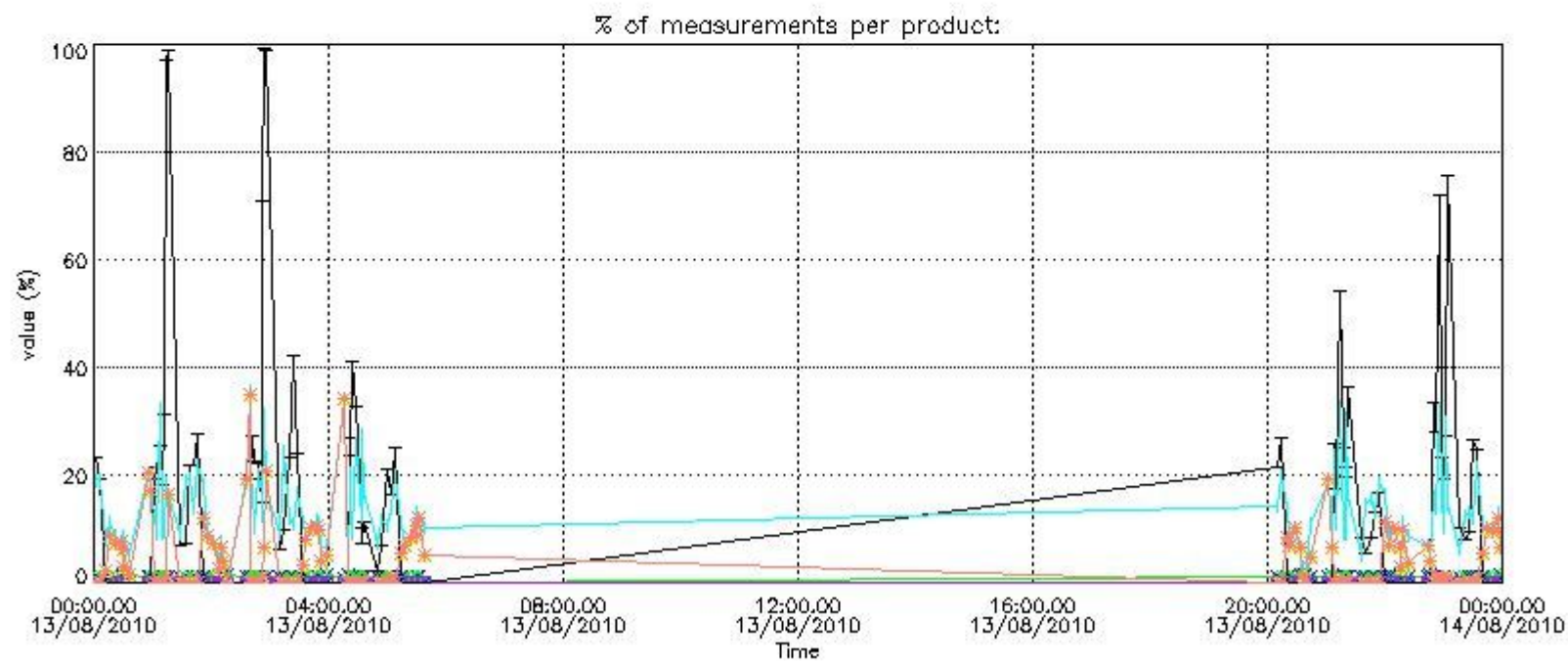
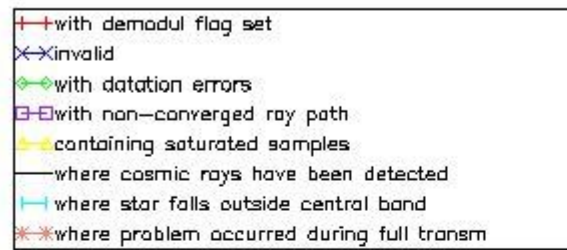


(error flag in the MPH set to "0") are used.

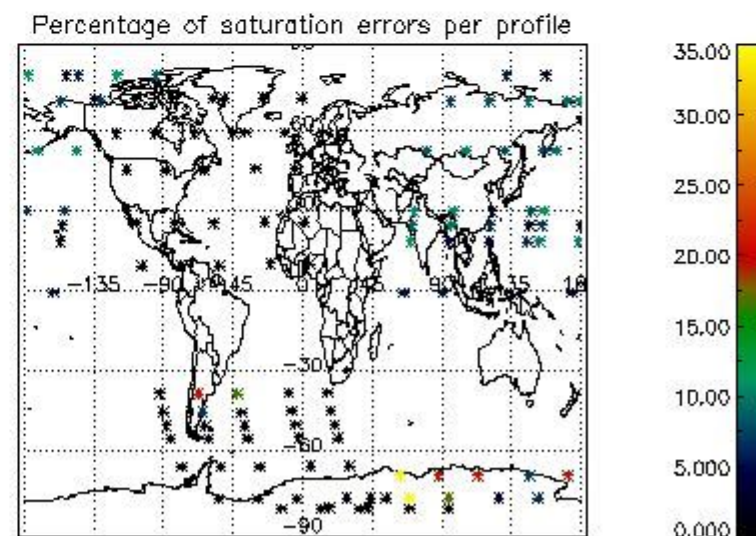
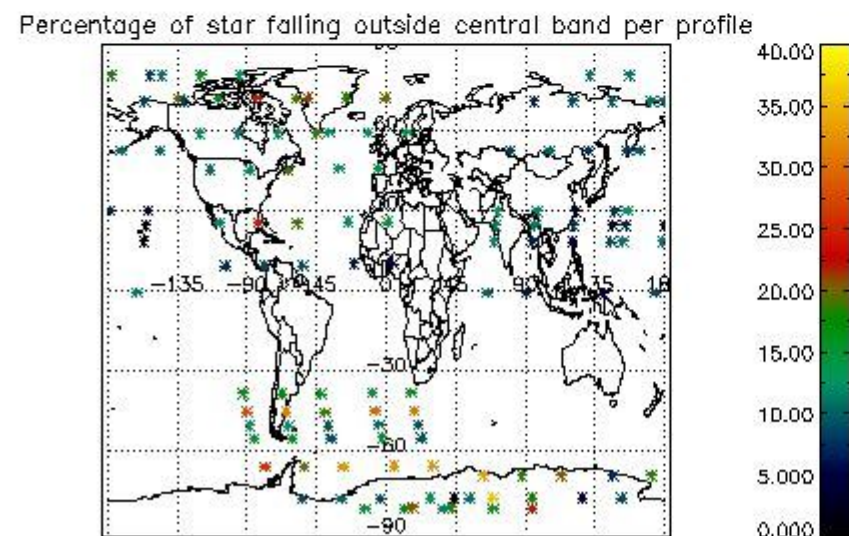
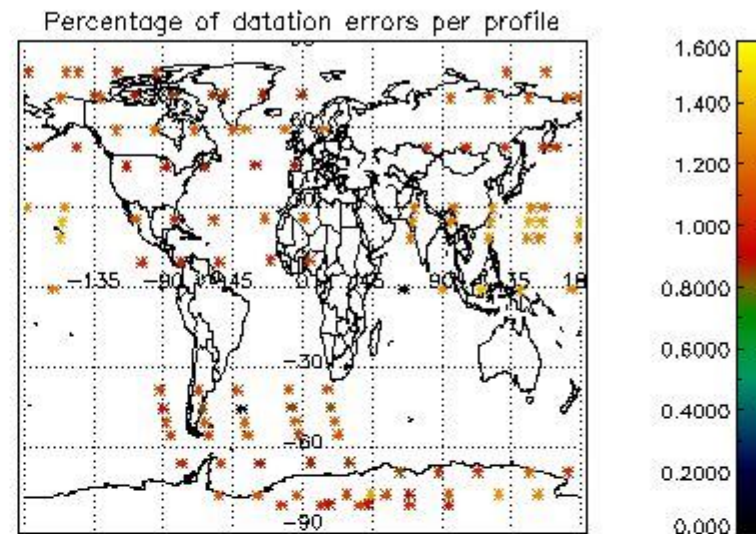
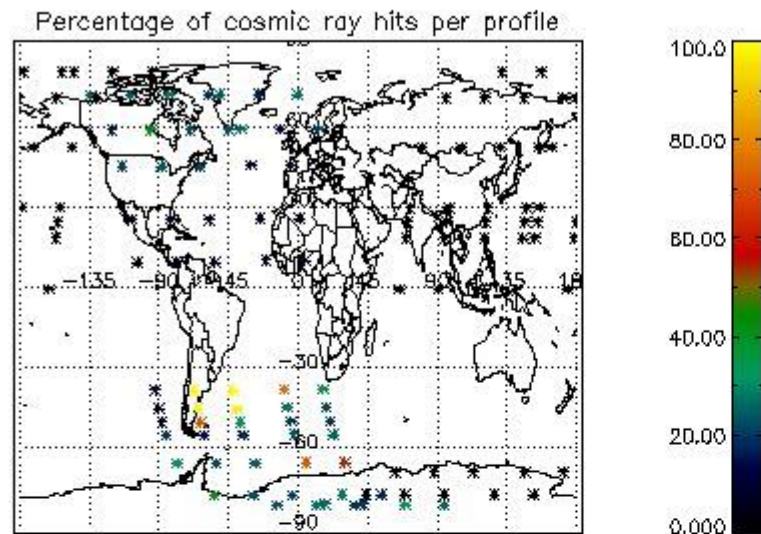
5.1 Percentage of products during reporting period with:

At least one measurement with demodulation flag set:	40.3226 %
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)



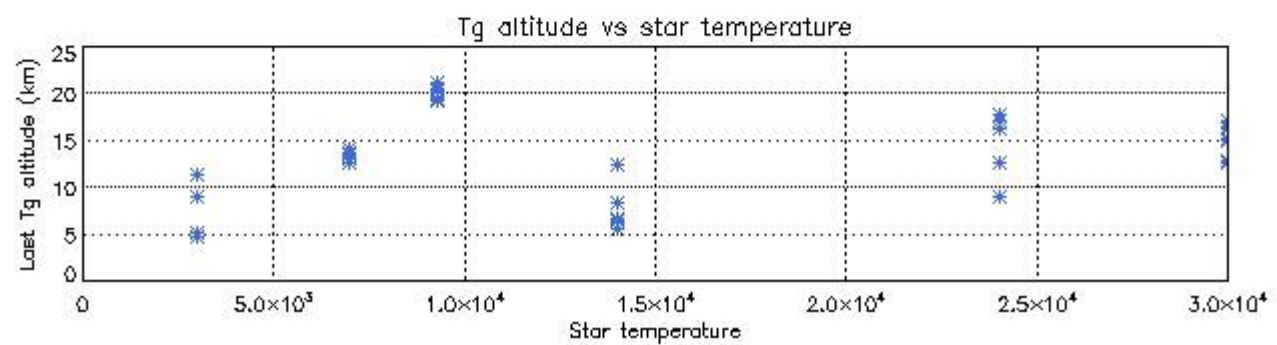
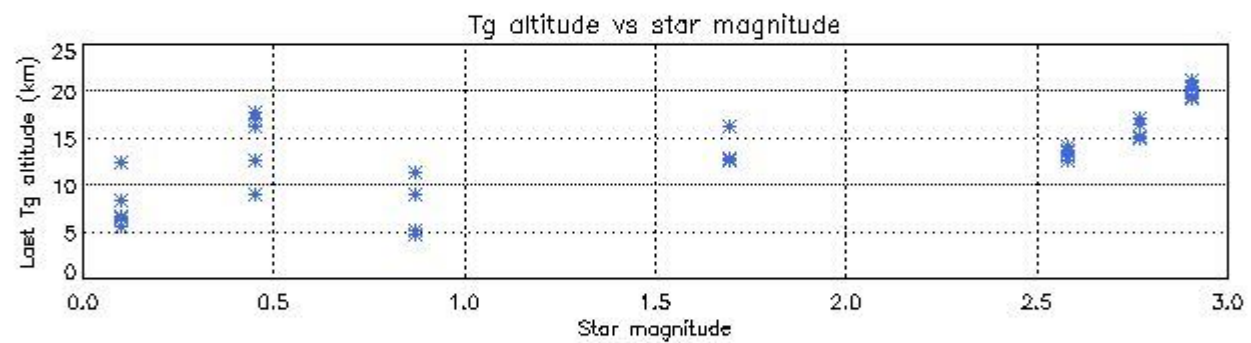
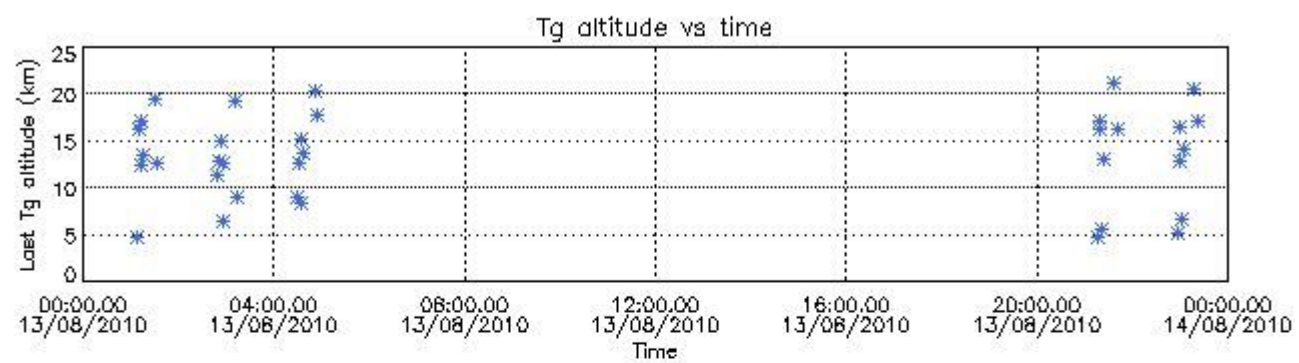
## 6. Statistics and plot of tangent altitude of the last measurement (DARK & BRIGHT products without errors)

### 6.1 Statistics on tangent altitude lost:

Statistics	DARK	BRIGHT	TWILIGHT
Mean:	13.290	18.120	NaN
St. deviation:	4.7820	4.4168	NaN
Maximum:	21.109	30.374	NaN
Minimum:	4.6699	4.3765	NaN
Number of data:	35.000	60.000	NaN

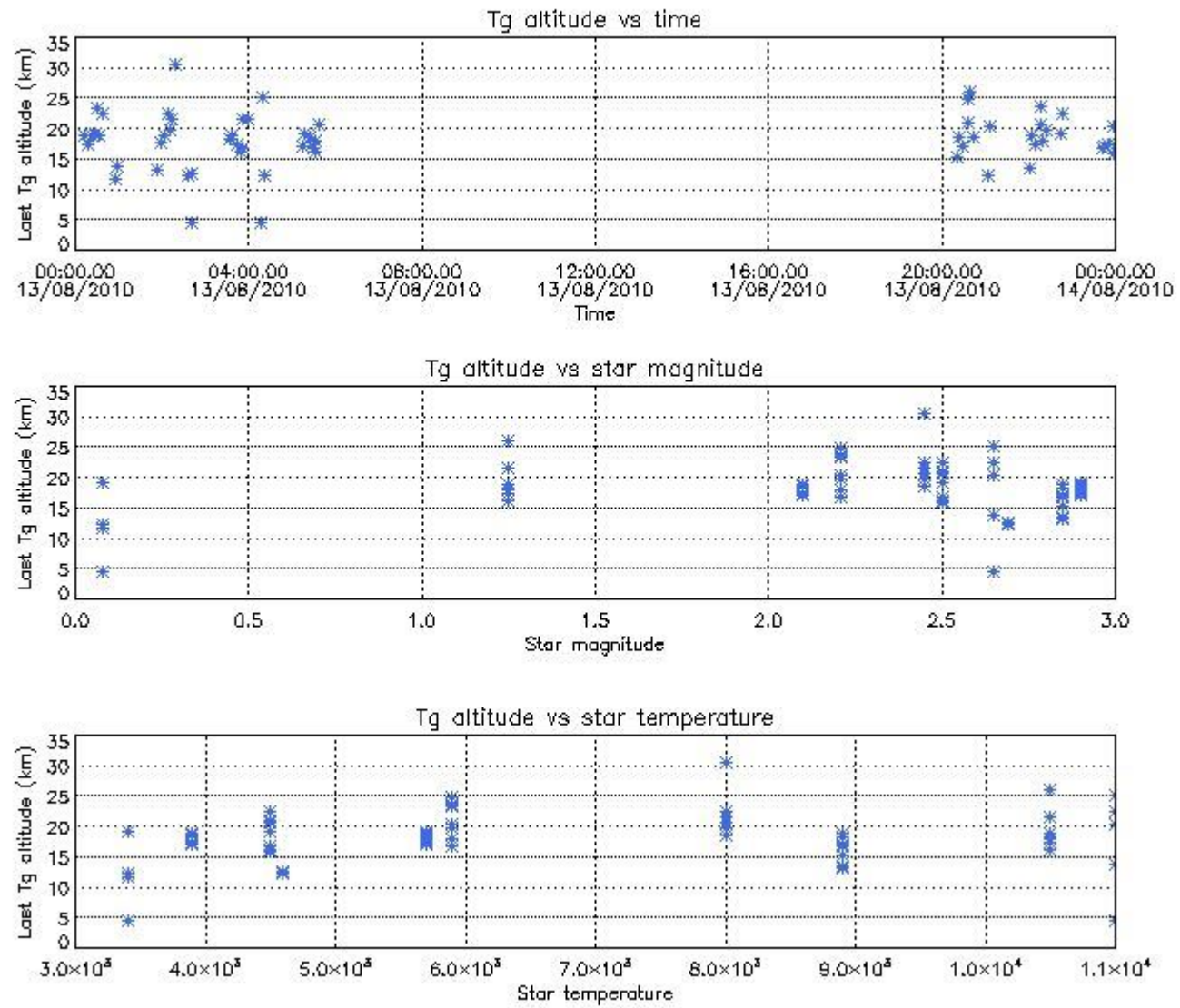
### 6.2 Plot for DARK limb products

Tangent altitude at which the star is lost



6.3 Plot for BRIGHT limb products

## Tangent altitude at which the star is lost

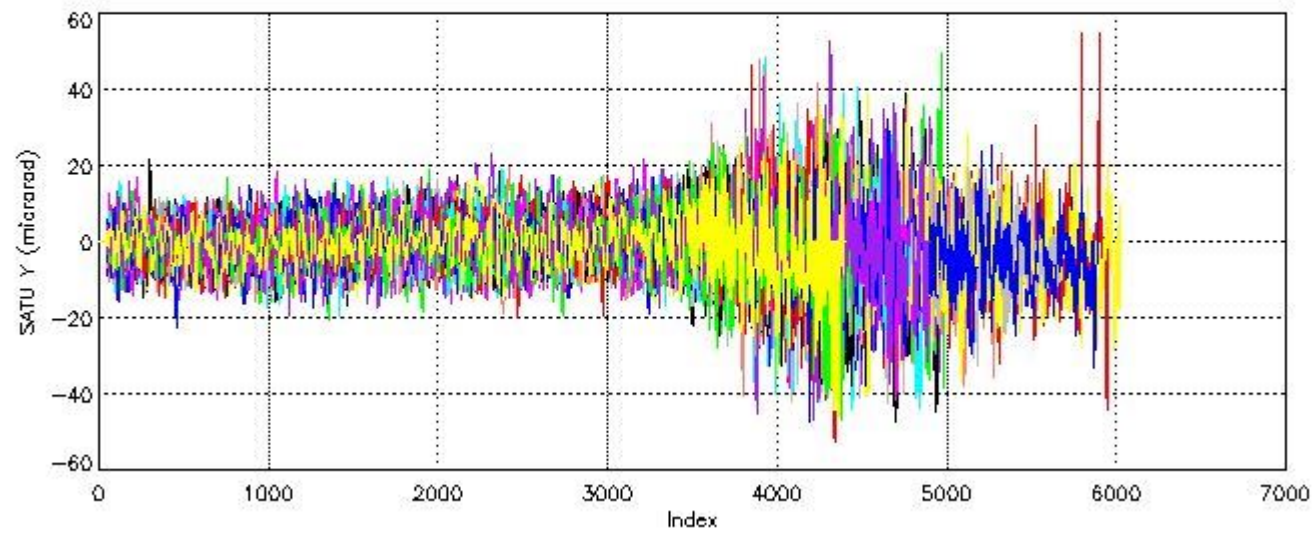
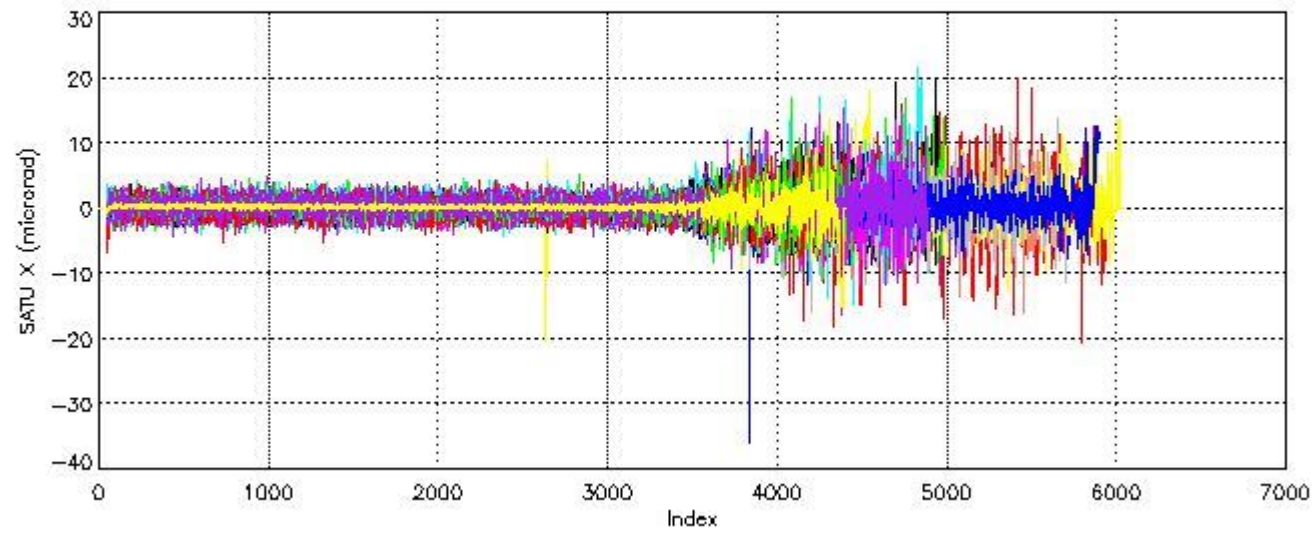


## 7. Star Acquisition and Tracking Unit (SATU)

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:	0.16930	-1.0484	0.23089	-0.83799
St. deviation:	0.62440	4.4541	0.70167	4.4197
Maximum:	4.7000	21.400	4.4000	18.700
Minimum:	-6.7000	-22.400	-3.8000	-23.000

Number of data:	35800.	35800.	58350.	58350.
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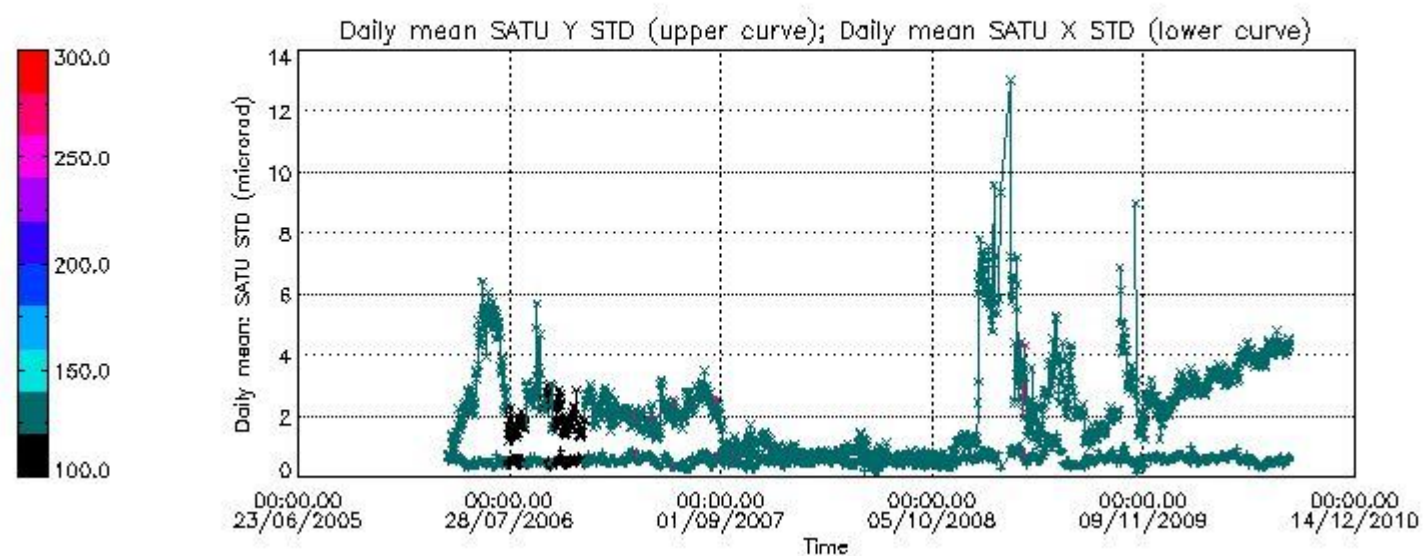
### 7.2.2 Trend of daily SATU NEA St. deviation since 1st April 2006 (dark limb)

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

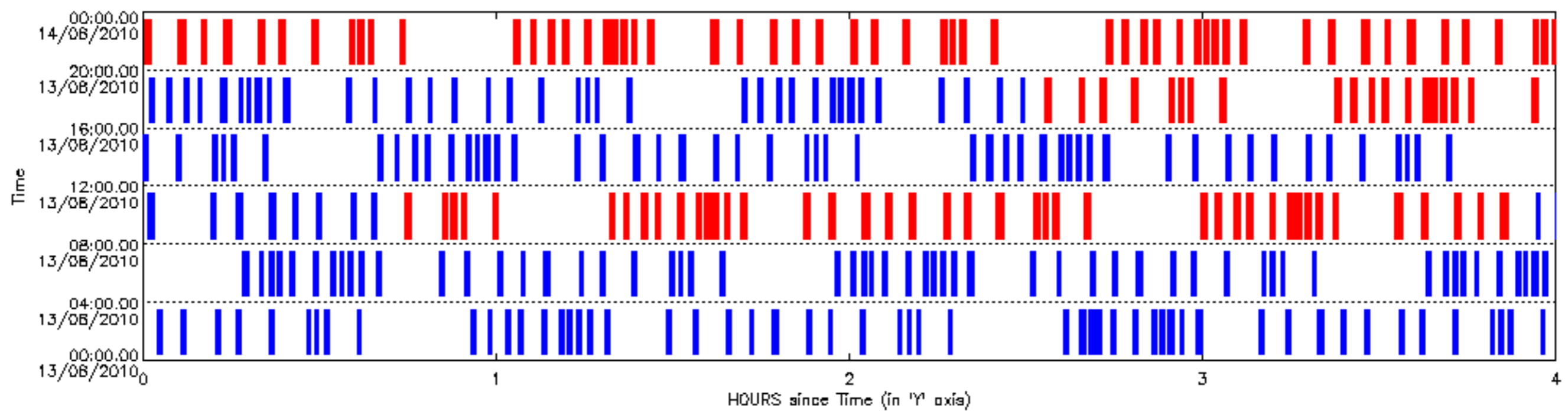
Lower curve: STD of SATU X axis

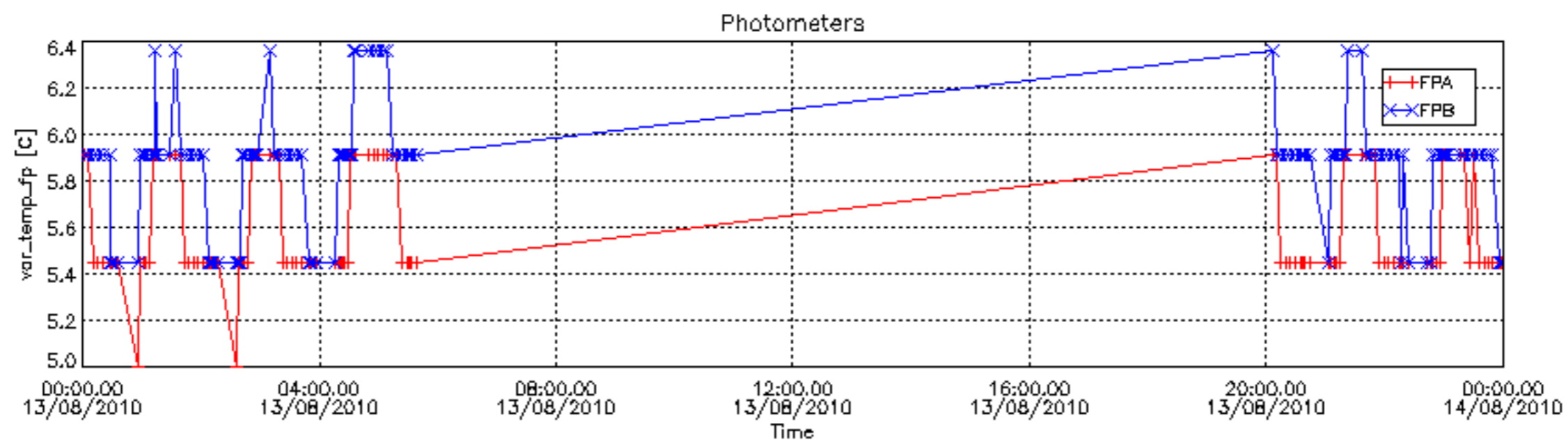
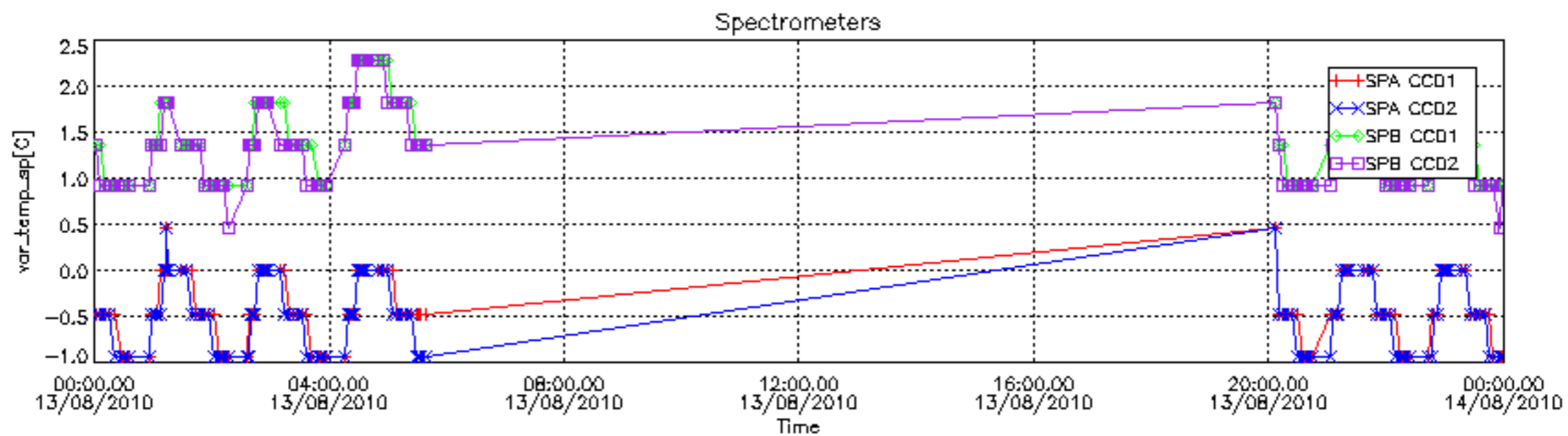


### 8. Auxiliary Data Files used for the production reported in section 2.4

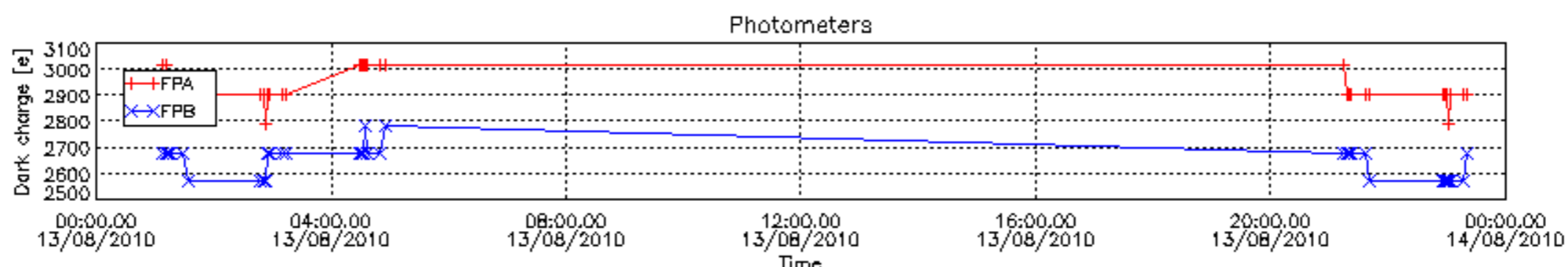
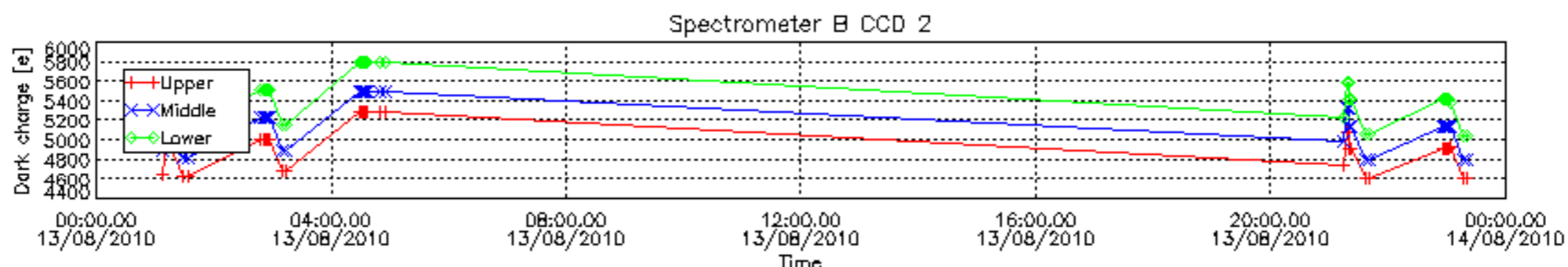
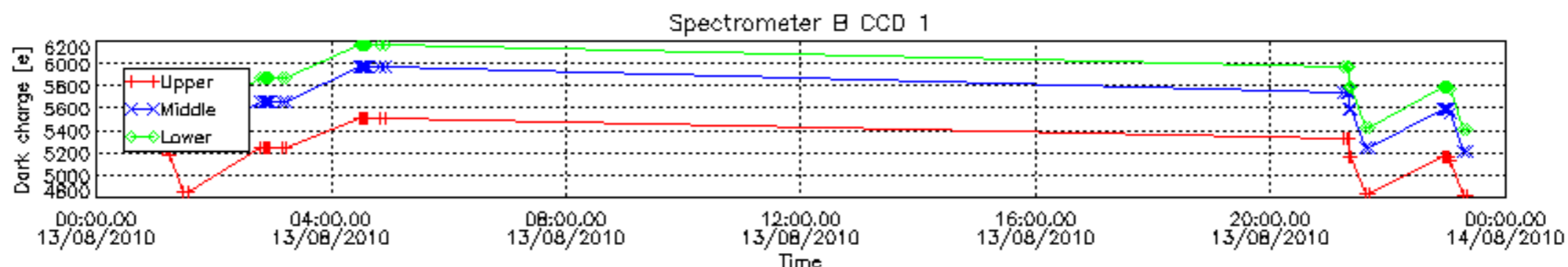
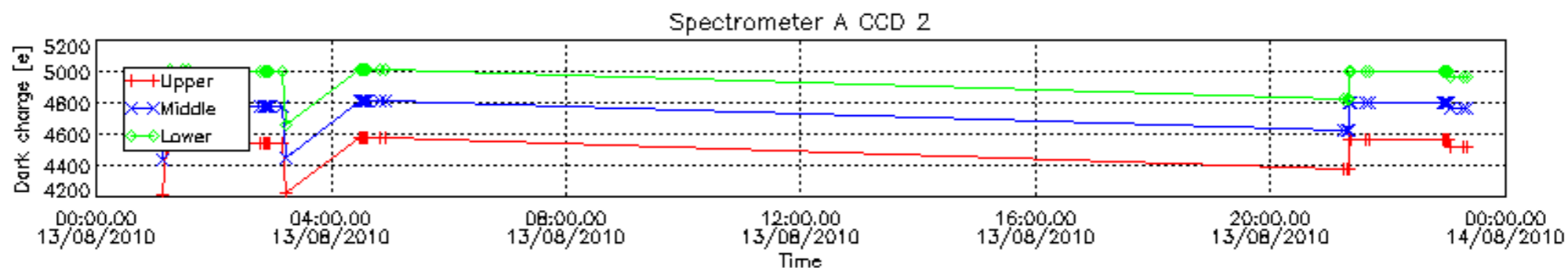
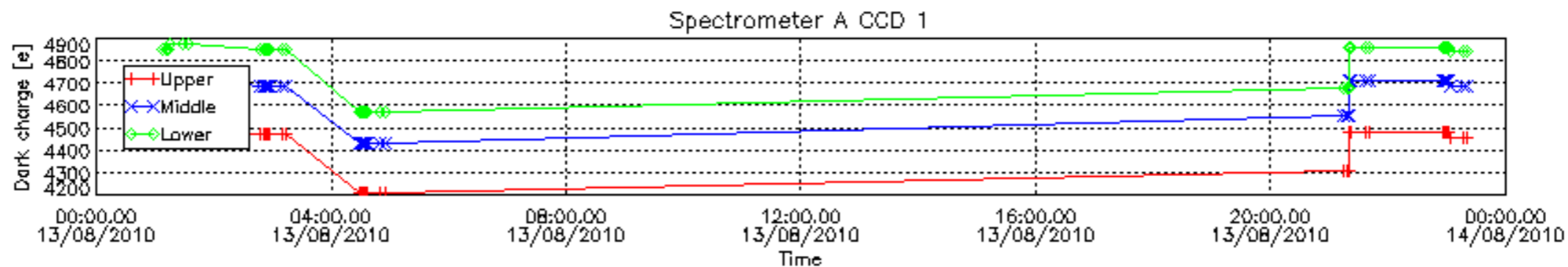
The number reported in the third column indicates since which file (see list in section 2.4) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

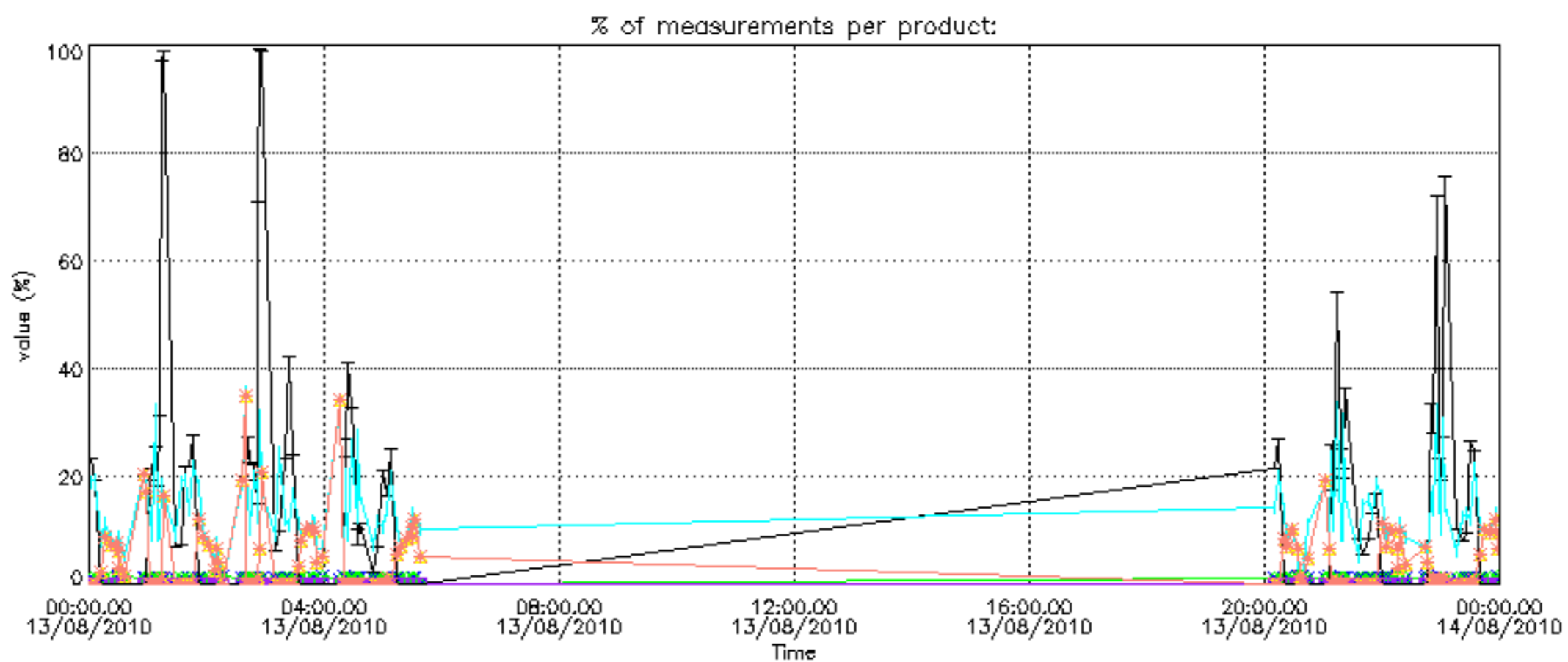
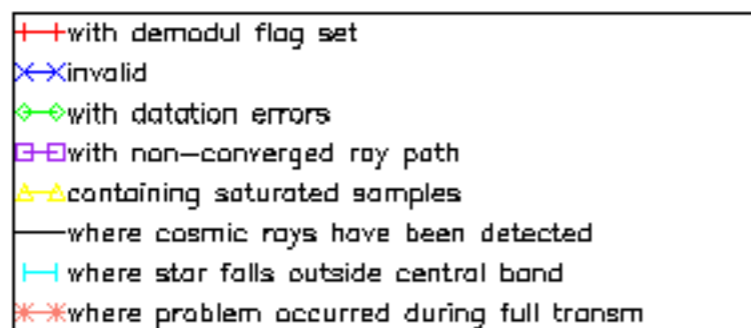
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LEVEL-1B_PROC_CONFIG	GOM_PR1_AXVIEC20091111_145255_20020301_000000_20500101_000000	1	13-AUG-2010 00:02:19
STAR_CATALOGUE	GOM_CAT_AXVIEC20020121_161009_20020101_000000_20200101_000000	1	13-AUG-2010 00:02:19
STELLAR_SPECTRA_DATABANK	GOM_STS_AXVIEC20091111_151504_20020101_160000_20500101_000000	1	13-AUG-2010 00:02:19
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ECMWF_FILE	AUX_ECA_AXNECM20100813_052114_20100812_210000_20100813_090000	53	13-AUG-2010 03:57:24
ECMWF_FILE	AUX_ECF_AXNECM20100813_054112_20100813_150000_20100814_030000	76	13-AUG-2010 20:05:43
ECMWF_FILE	AUX_ECF_AXNECM20100813_054113_20100813_210000_20100814_090000	93	13-AUG-2010 21:20:50
OPTIONAL_ECMWF_FILE	MISSING	1	13-AUG-2010 00:02:19
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ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100813_011234_000092452092_00045_44187_0939.N1	18	13-AUG-2010 01:13:30
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100813_035158_000066952092_00047_44189_0942.N1	53	13-AUG-2010 03:57:24
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100813_200416_000041442092_00057_44199_0943.N1	76	13-AUG-2010 20:05:43
ORBIT_DATA_FILE	DOR_NAV_OPNPDE20100813_211840_000057382092_00057_44199_0944.N1	93	13-AUG-2010 21:20:50
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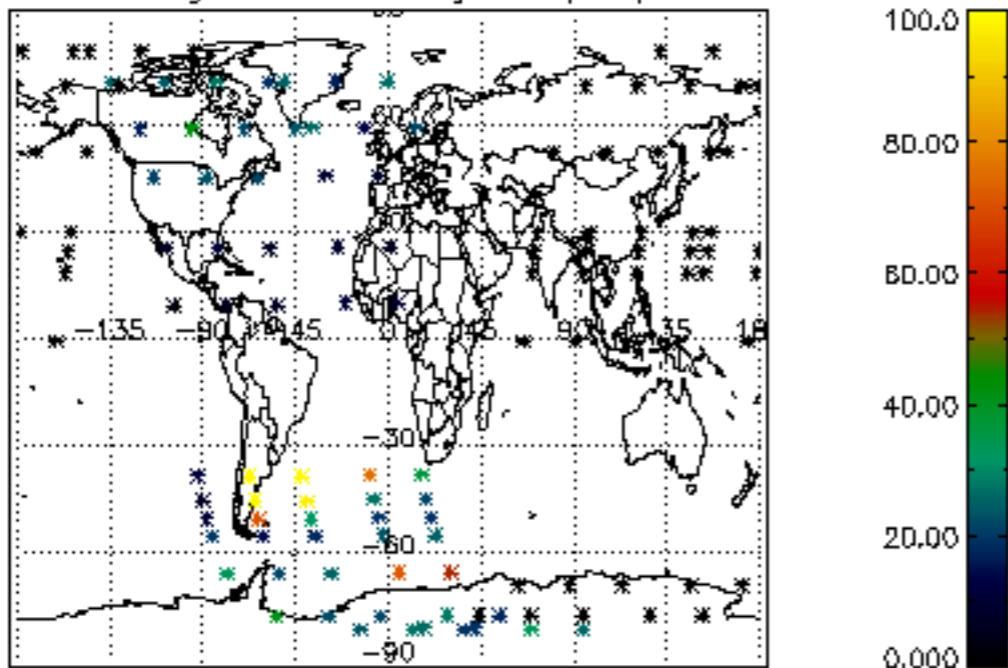




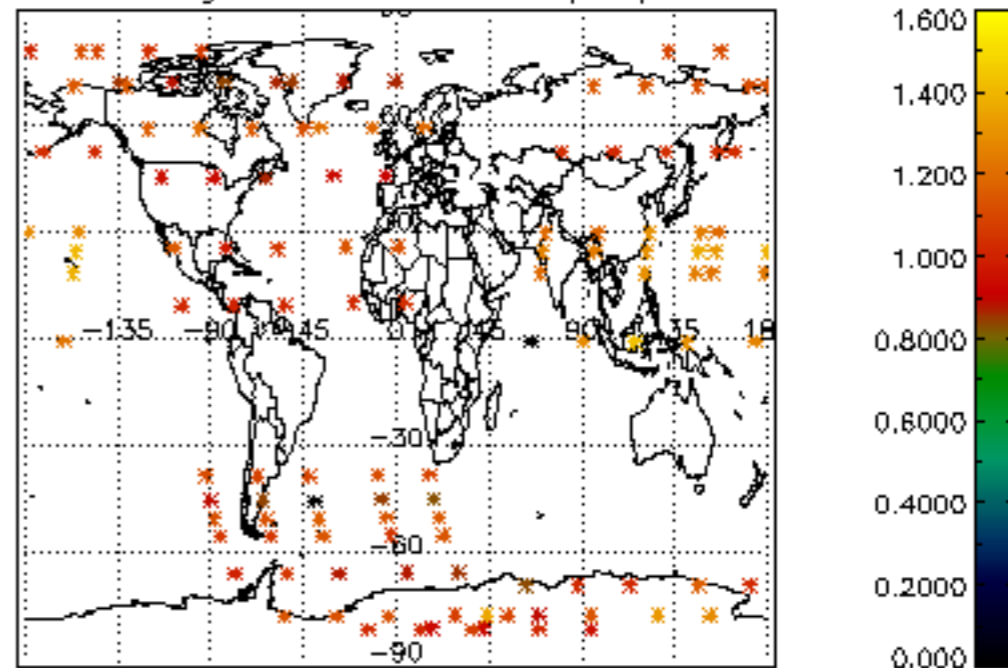




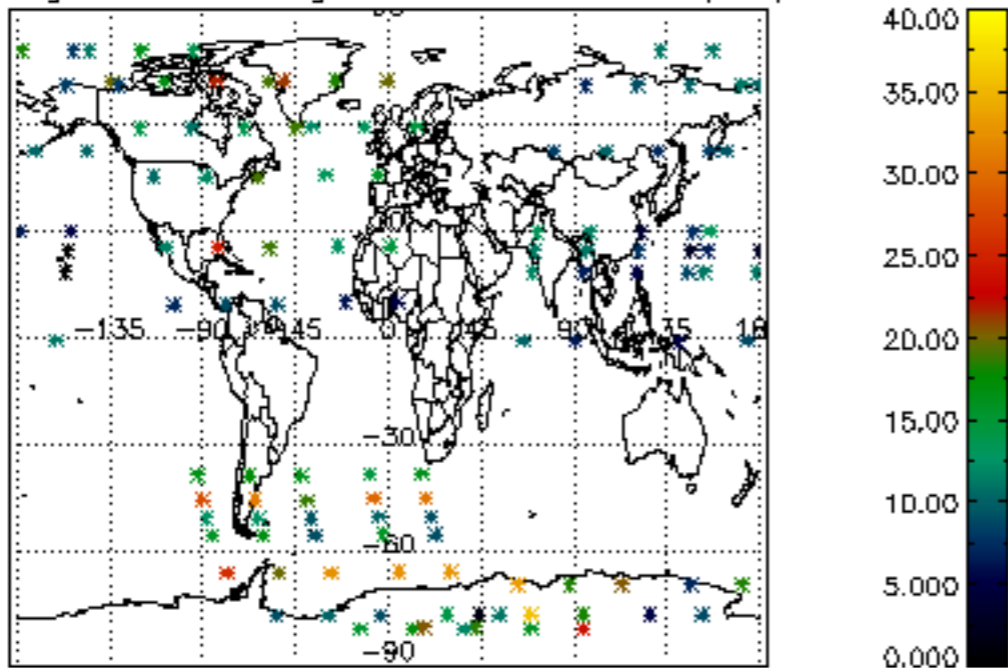
Percentage of cosmic ray hits per profile



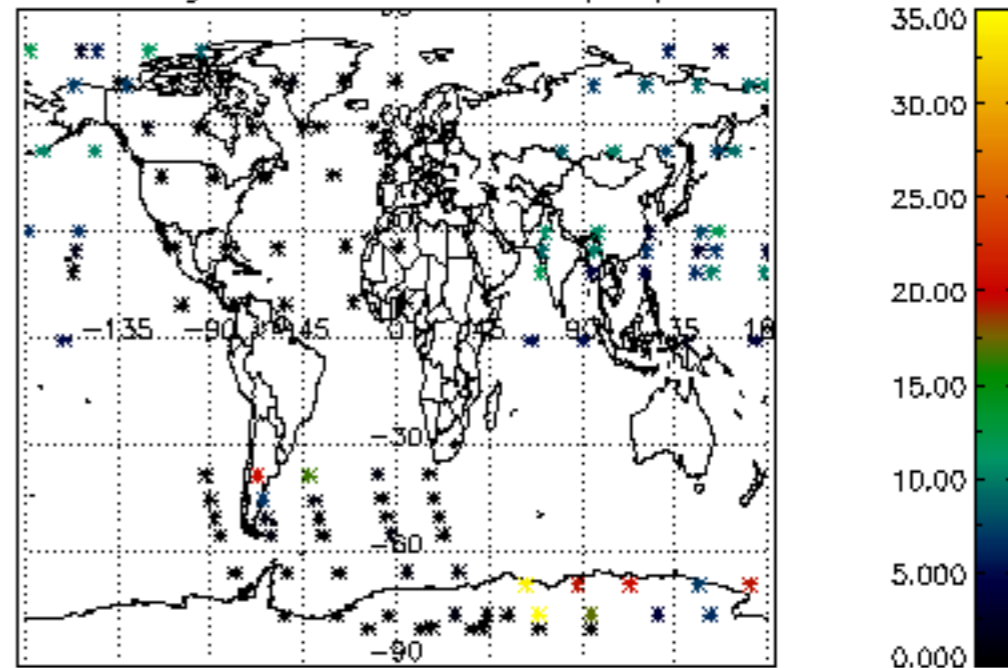
Percentage of datation errors per profile



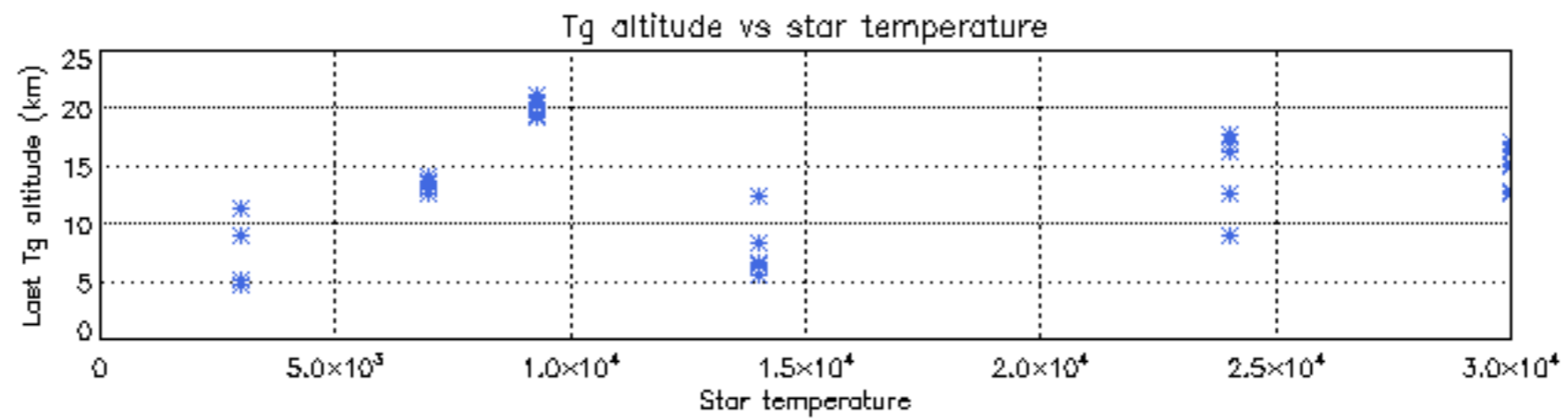
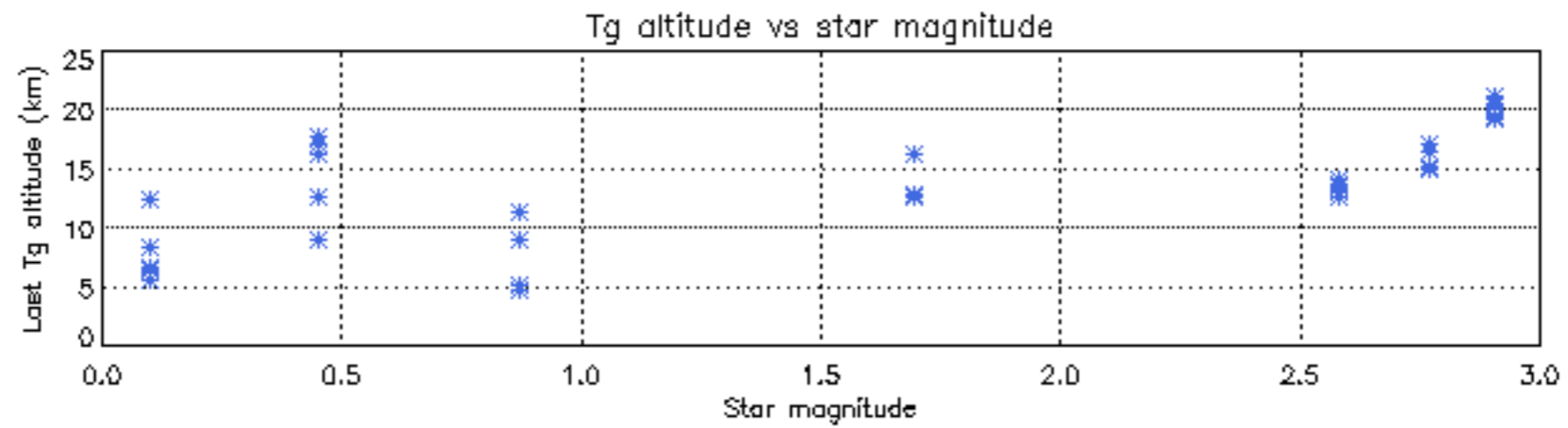
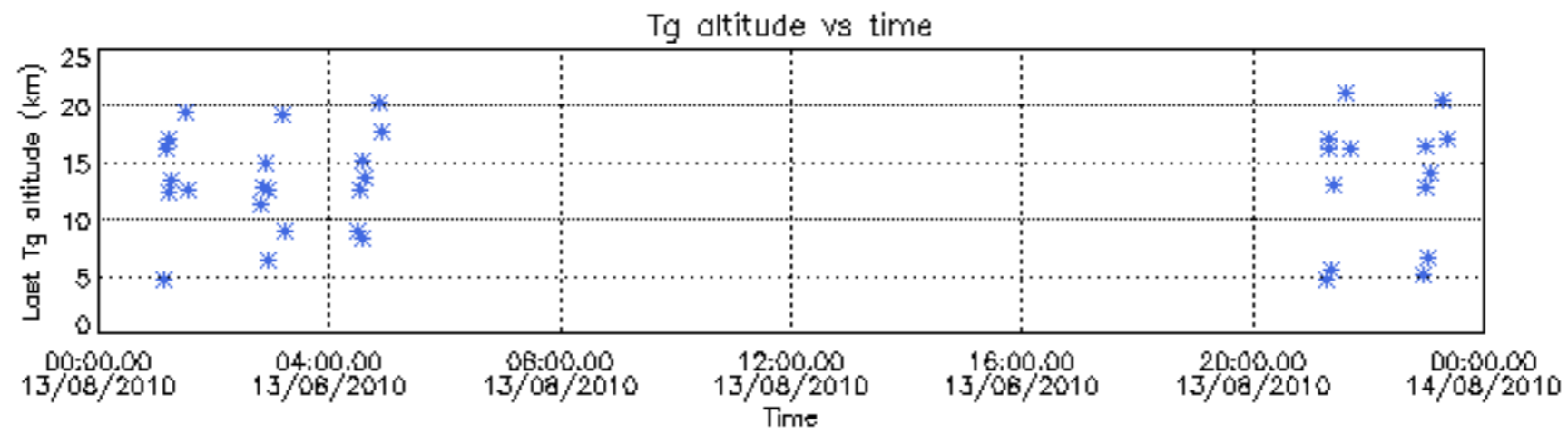
Percentage of star falling outside central band per profile



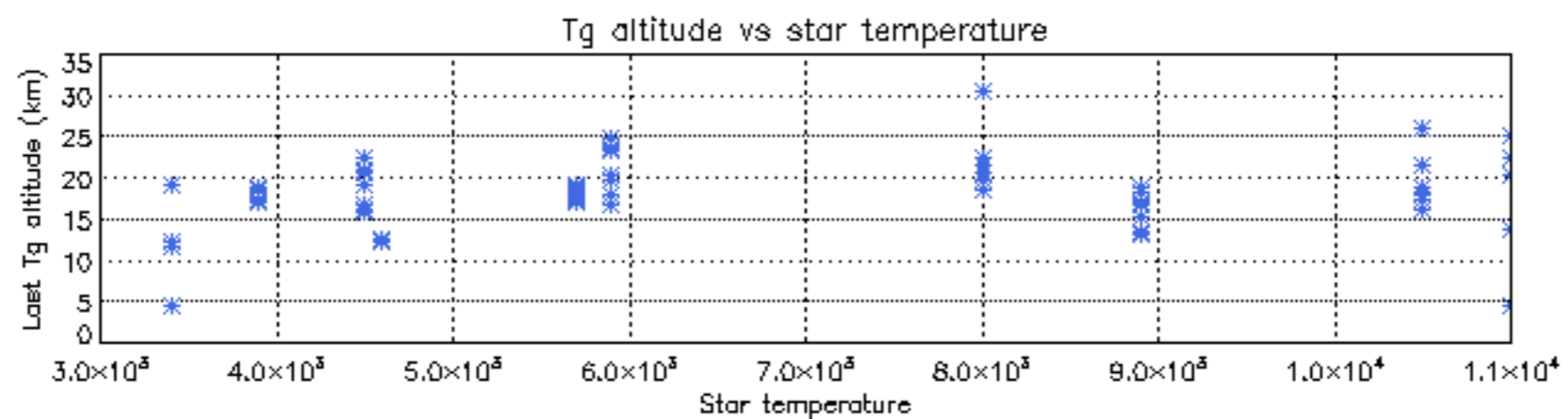
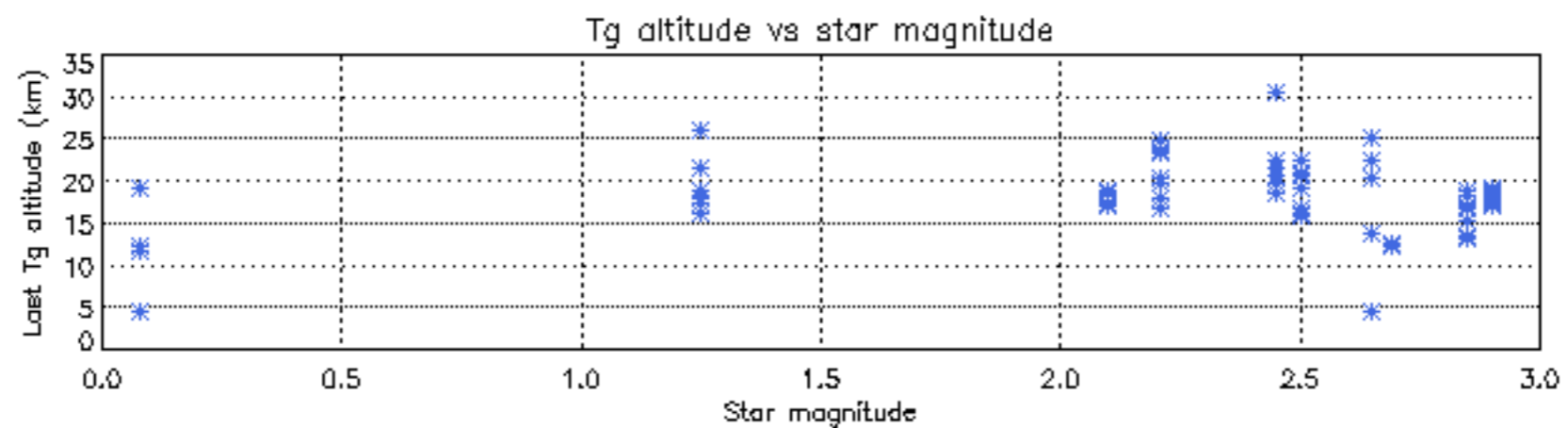
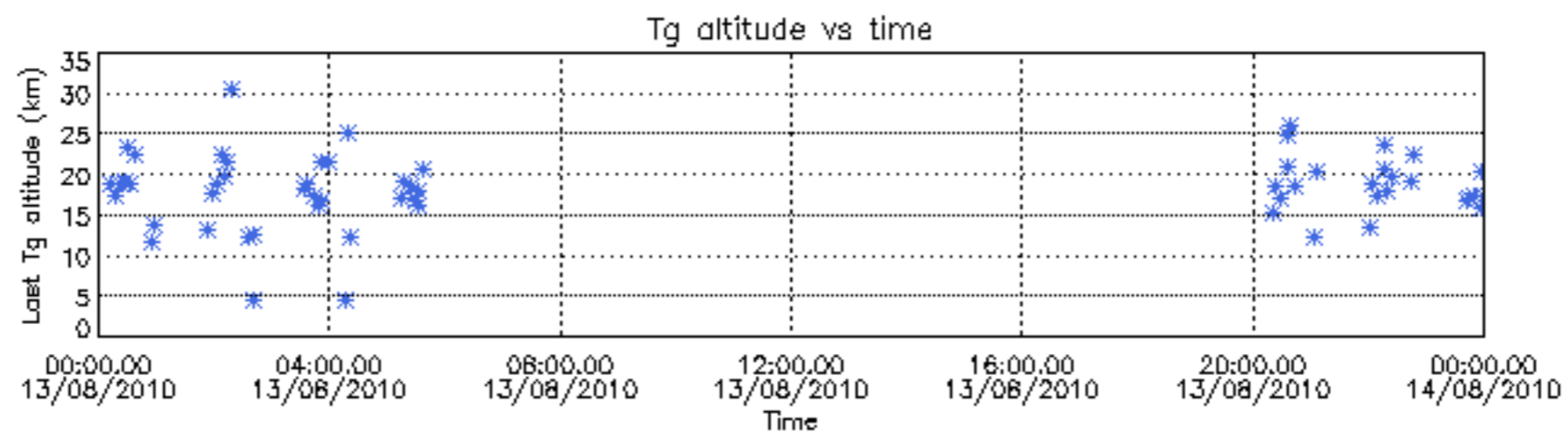
Percentage of saturation errors per profile

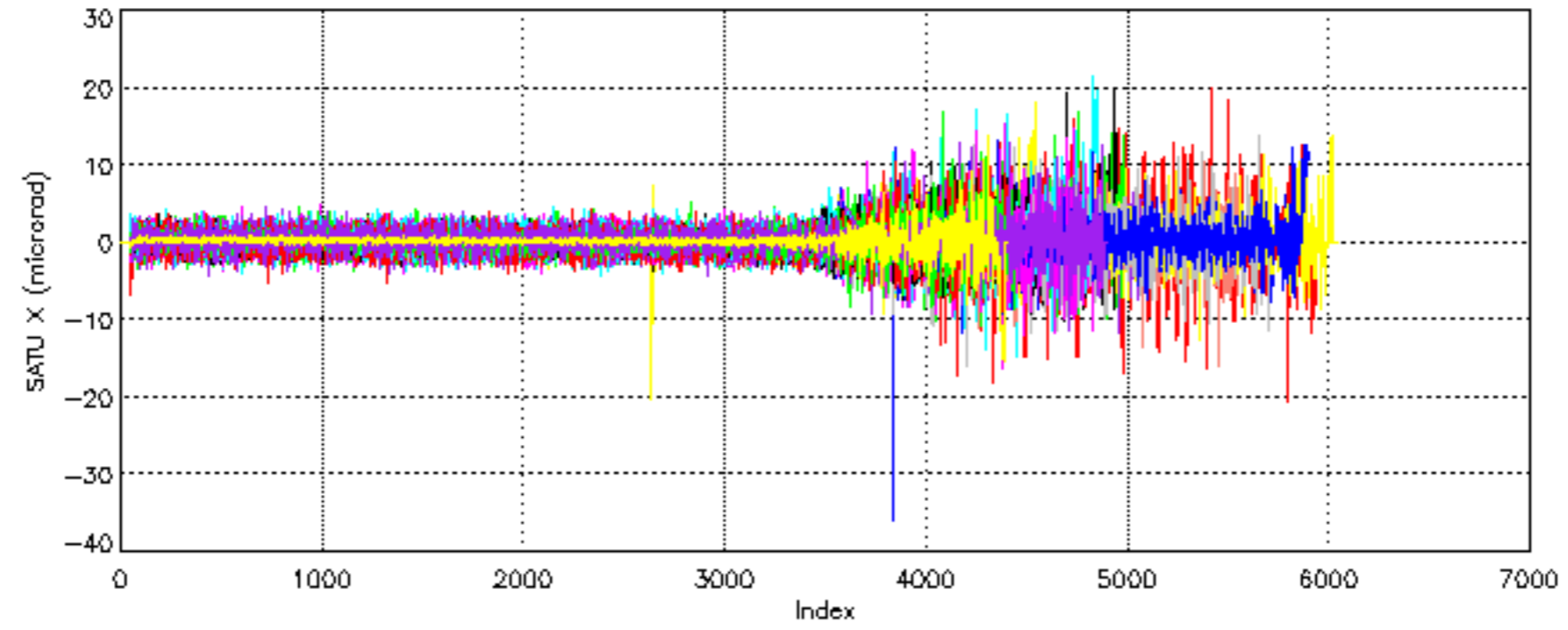


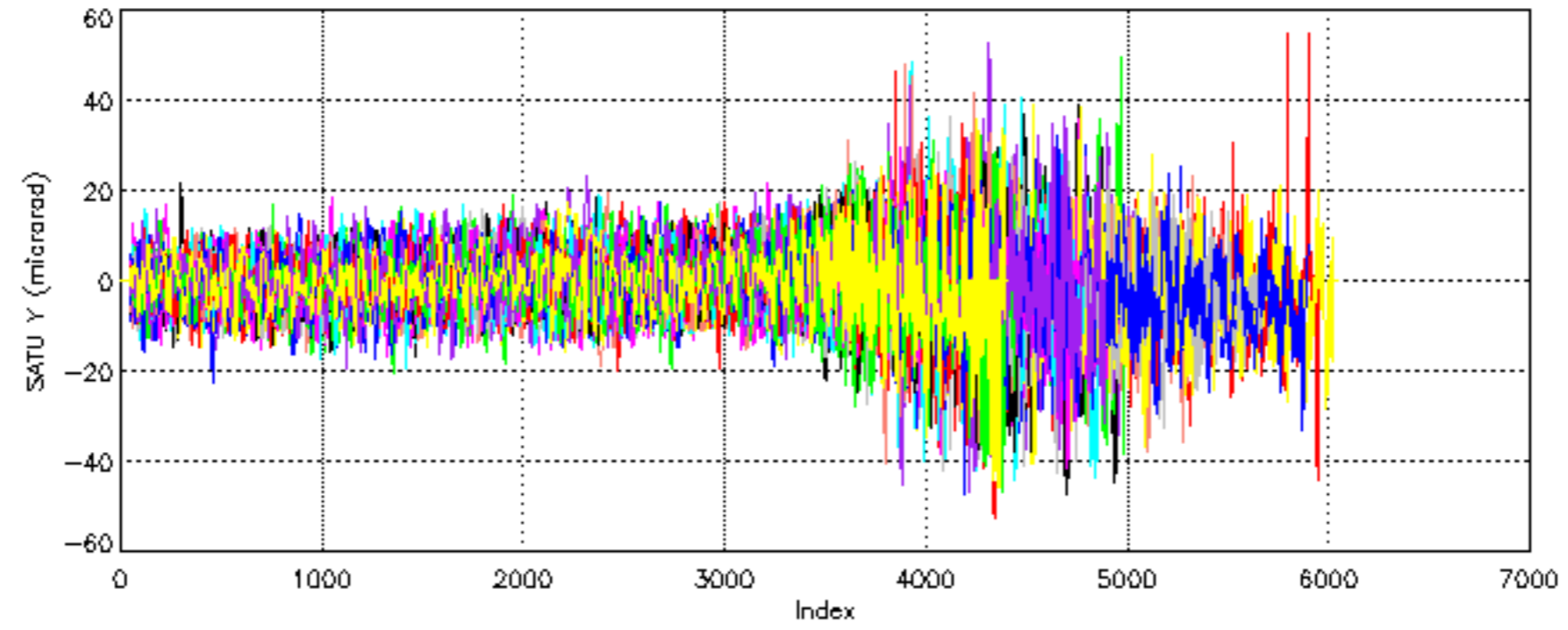
Tangent altitude at which the star is lost

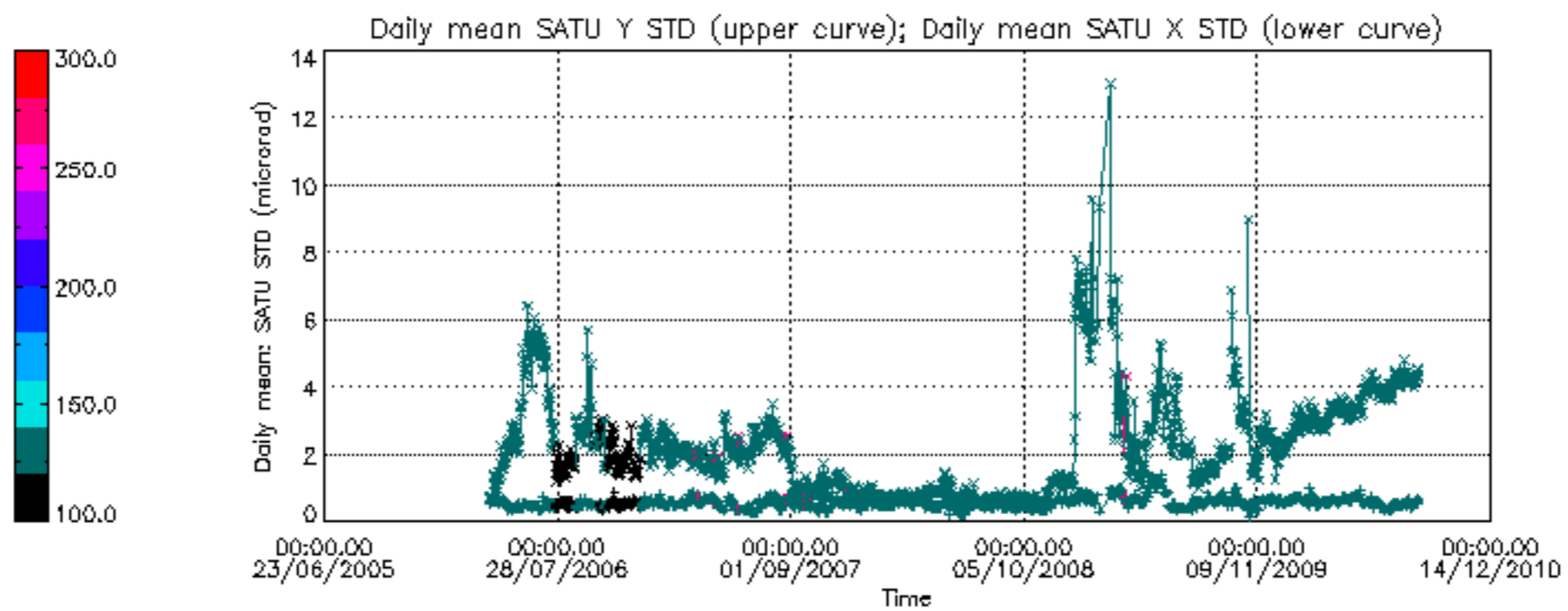


Tangent altitude at which the star is lost











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 5; 2624.9; 06-AUG-2010 14:14:22; Bright; 41.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 82; 0;44095
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 7; 3060.4; 06-AUG-2010 14:21:38; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44095
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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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13; 4311.3; 06-AUG-2010 14:42:29; Bright; 51.0; 149; 45Eps Per ; 2.89; 30000;occ; 102; 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
19; 5134.5; 06-AUG-2010 14:56:12; Dark ; 41.5; 125; 44Iot Ori ; 2.77; 30000;occ; 83; 0;44095
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21; 5496.5; 06-AUG-2010 15:02:14; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44095
22; 6089.3; 06-AUG-2010 15:12:07; Dark ; 46.0; 157; The1Eri ; 2.91; 9300;occ; 92; 0;44096
23; 6396.1; 06-AUG-2010 15:17:13; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44096
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26; 7177.7; 06-AUG-2010 15:30:15; Dark ; 43.5; 172; Gam Gru ; 3.00; 13100;occ; 87; 0;44096
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 7; 3542.5; 06-AUG-2010 16:10:16; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44096
 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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 13; 4527.5; 06-AUG-2010 16:26:41; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44096  
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 17; 5053.3; 06-AUG-2010 16:35:27; Dark ; 43.5; 30; 46Eps Ori ; 1.69; 30000;occ; 87; 0;44096  
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 21; 6090.3; 06-AUG-2010 16:52:44; Dark ; 48.5; 157; The1Eri ; 2.91; 9300;occ; 97; 0;44097  
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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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 25; 7178.4; 06-AUG-2010 17:10:52; Dark ; 42.0; 172; Gam Gru ; 3.00; 13100;occ; 84; 0;44097

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 5; 2624.5; 06-AUG-2010 17:35:34; Bright; 41.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 82; 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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 11; 4054.5; 06-AUG-2010 17:59:24; Bright; 49.0; 35; 33Alp Per ; 1.79; 6250;occ; 98; 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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 17; 4938.8; 06-AUG-2010 18:14:08; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44097  
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 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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 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  
 8; 1138.7; 06-AUG-2010 02:05:25; Dark ; 44.0; 172; Gam Gru ; 3.00; 13100;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  
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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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 11; 2732.5; 06-AUG-2010 22:39:10; Bright; 41.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 83; 0;44100  
 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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 23; 5055.2; 06-AUG-2010 23:17:52; Dark ; 42.5; 30; 46Eps Ori ; 1.69; 30000;occ; 85; 0;44100  
 24; 5136.3; 06-AUG-2010 23:19:13; Dark ; 38.5; 125; 44Iot Ori ; 2.77; 30000;occ; 77; 0;44100  
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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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23; 4660.7; 07-AUG-2010 22:39:41; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44114
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4; 73.2; 07-AUG-2010 23:03:49; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;44115

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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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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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 3; 2528.5; 09-AUG-2010 14:18:31; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 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  
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 3; -669.5; 10-AUG-2010 21:16:36; Dark ; 44.5; 101; 11Alp Lep ; 2.58; 7000;occ; 89; 0;44156  
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 5; 119.5; 10-AUG-2010 21:29:45; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44157  
 6; 402.0; 10-AUG-2010 21:34:27; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44157  
 7; 731.0; 10-AUG-2010 21:39:56; Dark ; 51.0; 84; Alp Phe ; 2.40; 4500;occ; 102; 0;44157  
 8; 984.1; 10-AUG-2010 21:44:09; Dark ; 45.0; 31; Alp Gru ; 1.73; 15200;occ; 90; 0;44157  
 9; 1215.4; 10-AUG-2010 21:48:01; Dark ; 58.0; 18; 24Alp PsA ; 1.17; 9700;occ; 116; 0;44157  
 10; 1583.4; 10-AUG-2010 21:54:09; Bright; 45.5; 142; 49Del Cap ; 2.85; 8900;occ; 91; 0;44157  
 11; 1804.1; 10-AUG-2010 21:57:49; Bright; 46.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 92; 0;44157  
 12; 2144.0; 10-AUG-2010 22:03:29; Bright; 53.0; 61; 8Eps Peg ; 2.10; 3900;occ; 106; 0;44157  
 13; 2522.3; 10-AUG-2010 22:09:48; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44157  
 14; 2609.8; 10-AUG-2010 22:11:15; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44157  
 15; 2713.8; 10-AUG-2010 22:12:59; Bright; 38.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 77; 0;44157  
 16; 3038.8; 10-AUG-2010 22:18:24; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 0;44157  
 17; 3367.4; 10-AUG-2010 22:23:53; Bright; 31.0; 74; 11Bet Cas ; 2.27; 6600;occ; 62; 0;44157  
 18; 3497.3; 10-AUG-2010 22:26:03; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44157  
 19; 4198.6; 10-AUG-2010 22:37:44; Bright; 48.0; 6; 13Alp Aur ; 0.08; 3400;occ; 96; 0;44157  
 20; 4360.5; 10-AUG-2010 22:40:26; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;44157  
 21; 4538.0; 10-AUG-2010 22:43:23; Dark ; 45.5; 28; 12Bet Tau ; 1.65; 15200;occ; 91; 0;44157  
 22; 4672.3; 10-AUG-2010 22:45:38; Dark ; 43.0; 176; 23Zet Tau ; 3.02; 22000;occ; 86; 0;44157  
 23; 4853.9; 10-AUG-2010 22:48:39; Dark ; 74.5; 13; 87Alp Tau ; 0.87; 3800;occ; 149; 0;44157  
 24; 4965.3; 10-AUG-2010 22:50:31; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;44157  
 25; 5080.9; 10-AUG-2010 22:52:26; Dark ; 45.5; 30; 46Eps Ori ; 1.69; 30000;occ; 91; 0;44157  
 26; 5163.8; 10-AUG-2010 22:53:49; Dark ; 42.5; 125; 44Iot Ori ; 2.77; 30000;occ; 85; 0;44157  
 27; 5246.6; 10-AUG-2010 22:55:12; Dark ; 51.0; 7; 19Bet Ori ; 0.10; 14000;occ; 102; 0;44157  
 28; 5367.1; 10-AUG-2010 22:57:12; Dark ; 19.0; 101; 11Alp Lep ; 2.58; 7000;occ; 38; 0;44157

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 3; 120.1; 10-AUG-2010 23:10:21; Dark ; 48.0; 157; The1Eri ; 2.91; 9300;occ; 96; 0;44158  
 4; 402.5; 10-AUG-2010 23:15:04; Dark ; 50.0; 9; Alp Eri ; 0.45; 24000;occ; 100; 0;44158  
 5; 731.8; 10-AUG-2010 23:20:33; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44158  
 6; 984.2; 10-AUG-2010 23:24:45; Dark ; 41.5; 31; Alp Gru ; 1.73; 15200;occ; 83; 0;44158  
 7; 1216.1; 10-AUG-2010 23:28:37; Dark ; 60.0; 18; 24Alp PsA ; 1.17; 9700;occ; 120; 0;44158  
 8; 1583.5; 10-AUG-2010 23:34:45; Bright; 50.0; 142; 49Del Cap ; 2.85; 8900;occ; 100; 0;44158  
 9; 1804.0; 10-AUG-2010 23:38:25; Bright; 45.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 90; 0;44158  
 10; 2143.3; 10-AUG-2010 23:44:05; Bright; 53.5; 61; 8Eps Peg ; 2.10; 3900;occ; 107; 0;44158  
 11; 2522.0; 10-AUG-2010 23:50:23; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44158  
 12; 2609.8; 10-AUG-2010 23:51:51; Bright; 36.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 72; 0;44158  
 13; 2713.5; 10-AUG-2010 23:53:35; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44158  
 14; 3038.4; 10-AUG-2010 23:59:00; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44158  
 15; 3366.5; 11-AUG-2010 00:04:28; Bright; 32.0; 74; 11Bet Cas ; 2.27; 6600;occ; 64; 0;44158  
 16; 3496.5; 11-AUG-2010 00:06:38; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;44158  
 17; 4198.4; 11-AUG-2010 00:18:20; Bright; 47.5; 6; 13Alp Aur ; 0.08; 3400;occ; 95; 0;44158  
 18; 4360.8; 11-AUG-2010 00:21:02; Bright; 56.0; 107; 37The Aur ; 2.65; 11000;occ; 112; 0;44158  
 19; 4538.5; 11-AUG-2010 00:24:00; Dark ; 46.5; 28; 12Bet Tau ; 1.65; 15200;occ; 93; 0;44158  
 20; 4672.7; 11-AUG-2010 00:26:14; Dark ; 42.5; 176; 23Zet Tau ; 3.02; 22000;occ; 85; 0;44158  
 21; 4854.5; 11-AUG-2010 00:29:16; Dark ; 68.5; 13; 87Alp Tau ; 0.87; 3800;occ; 137; 0;44158  
 22; 4965.7; 11-AUG-2010 00:31:07; Dark ; 46.5; 27; 24Gam Ori ; 1.64; 26000;occ; 93; 0;44158  
 23; 5081.3; 11-AUG-2010 00:33:02; Dark ; 43.0; 30; 46Eps Ori ; 1.69; 30000;occ; 86; 0;44158  
 24; 5164.1; 11-AUG-2010 00:34:25; Dark ; 41.0; 125; 44Iot Ori ; 2.77; 30000;occ; 82; 0;44158  
 25; 5247.7; 11-AUG-2010 00:35:49; Dark ; 48.5; 7; 19Bet Ori ; 0.10; 14000;occ; 97; 0;44158

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 2; -1676.2; 10-AUG-2010 07:35:02; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;44148  
 3; -1499.1; 10-AUG-2010 07:37:59; Dark ; 47.0; 28; 12Bet Tau ; 1.65; 15200;occ; 94; 0;44148  
 4; -1366.1; 10-AUG-2010 07:40:12; Dark ; 41.5; 176; 23Zet Tau ; 3.02; 22000;occ; 83; 0;44148  
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8; -876.9; 10-AUG-2010 07:48:21; Dark ; 40.5; 125; 44Iot Ori ; 2.77; 30000;occ; 81; 0;44148
9; -794.7; 10-AUG-2010 07:49:43; Dark ; 51.0; 7; 19Bet Ori ; 0.10; 14000;occ; 102; 0;44148
10; -673.7; 10-AUG-2010 07:51:44; Dark ; 43.5; 101; 11Alp Lep ; 2.58; 7000;occ; 87; 0;44148
11; -509.1; 10-AUG-2010 07:54:29; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44148
12; 110.5; 10-AUG-2010 08:04:48; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44149
13; 396.4; 10-AUG-2010 08:09:34; Dark ; 43.5; 9; Alp Eri ; 0.45; 24000;occ; 87; 0;44149
14; 723.6; 10-AUG-2010 08:15:01; Dark ; 59.5; 84; Alp Phe ; 2.40; 4500;occ; 119; 0;44149
15; 980.3; 10-AUG-2010 08:19:18; Dark ; 46.5; 31; Alp Gru ; 1.73; 15200;occ; 93; 0;44149
16; 1211.5; 10-AUG-2010 08:23:09; Dark ; 60.5; 18; 24Alp PsA ; 1.17; 9700;occ; 121; 0;44149
17; 1582.5; 10-AUG-2010 08:29:20; Bright; 47.0; 142; 49Del Cap ; 2.85; 8900;occ; 94; 0;44149
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2; 2147.8; 10-AUG-2010 08:38:46; Bright; 48.0; 61; 8Eps Peg ; 2.10; 3900;occ; 96; 0;44149
3; 2524.9; 10-AUG-2010 08:45:03; Bright; 42.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 85; 0;44149
4; 2611.8; 10-AUG-2010 08:46:30; Bright; 40.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 81; 0;44149
5; 2716.2; 10-AUG-2010 08:48:14; Bright; 42.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 84; 0;44149
6; 3041.5; 10-AUG-2010 08:53:39; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44149
7; 3374.0; 10-AUG-2010 08:59:12; Bright; 25.0; 74; 11Bet Cas ; 2.27; 6600;occ; 50; 0;44149
8; 3503.3; 10-AUG-2010 09:01:21; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44149
9; 4198.7; 10-AUG-2010 09:12:57; Bright; 59.0; 6; 13Alp Aur ; 0.08; 3400;occ; 118; 0;44149
10; 4359.7; 10-AUG-2010 09:15:38; Bright; 37.5; 107; 37The Aur ; 2.65; 11000;occ; 75; 0;44149
11; 4536.8; 10-AUG-2010 09:18:35; Dark ; 48.5; 28; 12Bet Tau ; 1.65; 15200;occ; 97; 0;44149
12; 4670.0; 10-AUG-2010 09:20:48; Dark ; 44.0; 176; 23Zet Tau ; 3.02; 22000;occ; 88; 0;44149
13; 4849.6; 10-AUG-2010 09:23:47; Dark ; 68.5; 13; 87Alp Tau ; 0.87; 3800;occ; 137; 0;44149
14; 4961.5; 10-AUG-2010 09:25:39; Dark ; 48.0; 27; 24Gam Ori ; 1.64; 26000;occ; 96; 0;44149
15; 5077.0; 10-AUG-2010 09:27:35; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44149
16; 5159.8; 10-AUG-2010 09:28:58; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 0;44149
17; 5241.7; 10-AUG-2010 09:30:20; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;44149
18; 5362.7; 10-AUG-2010 09:32:21; Dark ; 43.5; 101; 11Alp Lep ; 2.58; 7000;occ; 87; 0;44149
19; 5527.4; 10-AUG-2010 09:35:05; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44149
20; 6147.6; 10-AUG-2010 09:45:25; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44150
21; 6433.2; 10-AUG-2010 09:50:11; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44150
22; 6760.2; 10-AUG-2010 09:55:38; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44150
23; 7016.6; 10-AUG-2010 09:59:54; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44150
24; 7247.7; 10-AUG-2010 10:03:46; Dark ; 61.5; 18; 24Alp PsA ; 1.17; 9700;occ; 123; 0;44150
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4; 2611.2; 10-AUG-2010 10:27:05; Bright; 41.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 82; 0;44150
5; 2715.8; 10-AUG-2010 10:28:50; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44150
6; 3041.3; 10-AUG-2010 10:34:15; Bright; 41.0; 89; 5Alp Cep ; 2.45; 8000;occ; 82; 0;44150
7; 3373.1; 10-AUG-2010 10:39:47; Bright; 26.0; 74; 11Bet Cas ; 2.27; 6600;occ; 52; 0;44150
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12; 4670.3; 10-AUG-2010 11:01:24; Dark ; 43.5; 176; 23Zet Tau ; 3.02; 22000;occ; 87; 0;44150
13; 4850.1; 10-AUG-2010 11:04:24; Dark ; 58.0; 13; 87Alp Tau ; 0.87; 3800;occ; 116; 0;44150
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15; 5077.4; 10-AUG-2010 11:08:11; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;44150
16; 5160.1; 10-AUG-2010 11:09:34; Dark ; 41.5; 125; 44Iot Ori ; 2.77; 30000;occ; 83; 0;44150
17; 5242.4; 10-AUG-2010 11:10:56; Dark ; 53.0; 7; 19Bet Ori ; 0.10; 14000;occ; 106; 0;44150
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22; 6761.2; 10-AUG-2010 11:36:15; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44151
23; 7017.4; 10-AUG-2010 11:40:31; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;44151
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3; 2524.4; 10-AUG-2010 12:06:14; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44151

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6; 3041.0; 10-AUG-2010 12:14:51; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44151  
7; 3372.0; 10-AUG-2010 12:20:22; Bright; 26.0; 74; 11Bet Cas ; 2.27; 6600;occ; 52; 0;44151  
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7; 3371.6; 10-AUG-2010 14:00:57; Bright; 28.0; 74; 11Bet Cas ; 2.27; 6600;occ; 56; 0;44152  
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9; 4198.9; 10-AUG-2010 14:14:44; Bright; 46.0; 6; 13Alp Aur ; 0.08; 3400;occ; 92; 0;44152  
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3; -1497.2; 11-AUG-2010 05:25:48; Dark ; 49.5; 28; 12Bet Tau ; 1.65; 15200;occ; 99; 0;44161
4; -1362.6; 11-AUG-2010 05:28:02; Dark ; 42.0; 176; 23Zet Tau ; 3.02; 22000;occ; 84; 0;44161
5; -1179.6; 11-AUG-2010 05:31:05; Dark ; 68.5; 13; 87Alp Tau ; 0.87; 3800;occ; 137; 0;44161
6; -1068.8; 11-AUG-2010 05:32:56; Dark ; 46.0; 27; 24Gam Ori ; 1.64; 26000;occ; 92; 0;44161
7; -953.1; 11-AUG-2010 05:34:52; Dark ; 47.5; 30; 46Eps Ori ; 1.69; 30000;occ; 95; 0;44161

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 12; 125.0; 11-AUG-2010 05:52:50; Dark ; 46.5; 157; The1Eri ; 2.91; 9300;occ; 93; 0;44162  
 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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 25; 3493.7; 11-AUG-2010 06:48:59; Bright; 48.5; 76; 27Gam Cas ; 2.30; 30000;occ; 97; 0;44162

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 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  
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 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  
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 19; 5171.0; 11-AUG-2010 22:22:19; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44171  
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 3; -494.7; 11-AUG-2010 22:28:30; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44171  
 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  
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 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  
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8; -869.7; 11-AUG-2010 07:16:51; Dark ; 43.0; 125; 44Iot Ori ; 2.77; 30000;occ; 86; 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
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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
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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
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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
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18; 5370.1; 11-AUG-2010 09:00:51; Dark ; 44.0; 101; 11Alp Lep ; 2.58; 7000;occ; 88; 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
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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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4; 2608.7; 11-AUG-2010 09:55:26; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44164
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6; 3036.9; 11-AUG-2010 10:02:34; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44164
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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
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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
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17; 5251.2; 11-AUG-2010 10:39:28; Dark ; 58.0; 7; 19Bet Ori ; 0.10; 14000;occ; 116; 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
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 21; 6444.3; 11-AUG-2010 12:39:57; Dark ; 46.0; 9; Alp Eri ; 0.45; 24000;occ; 92; 0;44166  
 22; 6774.9; 11-AUG-2010 12:45:28; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44166  
 23; 7023.5; 11-AUG-2010 12:49:36; Dark ; 47.0; 31; Alp Gru ; 1.73; 15200;occ; 94; 0;44166  
 24; 7256.0; 11-AUG-2010 12:53:29; Dark ; 58.5; 18; 24Alp PsA ; 1.17; 9700;occ; 117; 0;44166  
 25; 7620.2; 11-AUG-2010 12:59:33; Bright; 16.0; 142; 49Del Cap ; 2.85; 8900;occ; 32; 0;44166

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 4; 2519.4; 11-AUG-2010 13:15:08; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44166  
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 9; 3490.5; 11-AUG-2010 13:31:19; Bright; 49.5; 76; 27Gam Cas ; 2.30; 30000;occ; 99; 0;44166  
 10; 4198.1; 11-AUG-2010 13:43:07; Bright; 48.5; 6; 13Alp Aur ; 0.08; 3400;occ; 97; 0;44166  
 11; 4361.5; 11-AUG-2010 13:45:50; Bright; 56.0; 107; 37The Aur ; 2.65; 11000;occ; 112; 0;44166  
 12; 4539.8; 11-AUG-2010 13:48:48; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44166  
 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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 15; 4969.8; 11-AUG-2010 13:55:58; Dark ; 49.0; 27; 24Gam Ori ; 1.64; 26000;occ; 98; 0;44166  
 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  
 19; 5371.9; 11-AUG-2010 14:02:40; Dark ; 42.5; 101; 11Alp Lep ; 2.58; 7000;occ; 85; 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  
 24; 7023.9; 11-AUG-2010 14:30:12; Dark ; 41.0; 31; Alp Gru ; 1.73; 15200;occ; 82; 0;44167  
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 9; 3490.1; 11-AUG-2010 15:11:55; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44167  
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 11; 4361.2; 11-AUG-2010 15:26:26; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;44167  
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 13; 4675.0; 11-AUG-2010 15:31:39; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;44167  
 14; 4859.9; 11-AUG-2010 15:34:44; Dark ; 50.0; 13; 87Alp Tau ; 0.87; 3800;occ; 100; 0;44167  
 15; 4970.3; 11-AUG-2010 15:36:35; Dark ; 49.5; 27; 24Gam Ori ; 1.64; 26000;occ; 99; 0;44167

16; 5086.1; 11-AUG-2010 15:38:31; Dark ; 47.0; 30; 46Eps Ori ; 1.69; 30000;occ; 94; 0;44167  
 17; 5169.1; 11-AUG-2010 15:39:54; Dark ; 44.0; 125; 44Iot Ori ; 2.77; 30000;occ; 88; 0;44167  
 18; 5253.3; 11-AUG-2010 15:41:18; Dark ; 60.5; 7; 19Bet Ori ; 0.10; 14000;occ; 121; 0;44167  
 19; 5372.8; 11-AUG-2010 15:43:17; Dark ; 42.0; 101; 11Alp Lep ; 2.58; 7000;occ; 84; 0;44167  
 20; 5538.7; 11-AUG-2010 15:46:03; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44167  
 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  
 24; 7024.4; 11-AUG-2010 16:10:49; Dark ; 43.0; 31; Alp Gru ; 1.73; 15200;occ; 86; 0;44168  
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 3; 1803.1; 11-AUG-2010 16:24:23; Bright; 45.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 91; 0;44168  
 4; 2139.3; 11-AUG-2010 16:30:00; Bright; 50.5; 61; 8Eps Peg ; 2.10; 3900;occ; 101; 0;44168  
 5; 2518.9; 11-AUG-2010 16:36:19; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44168  
 6; 2607.7; 11-AUG-2010 16:37:48; Bright; 39.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 79; 0;44168  
 7; 2710.7; 11-AUG-2010 16:39:31; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44168  
 8; 3035.7; 11-AUG-2010 16:44:56; Bright; 40.0; 89; 5Alp Cep ; 2.45; 8000;occ; 80; 0;44168  
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 10; 3489.3; 11-AUG-2010 16:52:30; Bright; 50.0; 76; 27Gam Cas ; 2.30; 30000;occ; 100; 0;44168  
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 12; 4361.6; 11-AUG-2010 17:07:02; Bright; 37.0; 107; 37The Aur ; 2.65; 11000;occ; 74; 0;44168  
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 16; 4970.7; 11-AUG-2010 17:17:11; Dark ; 48.5; 27; 24Gam Ori ; 1.64; 26000;occ; 97; 0;44168  
 17; 5086.5; 11-AUG-2010 17:19:07; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;44168  
 18; 5169.6; 11-AUG-2010 17:20:30; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44168  
 19; 5254.0; 11-AUG-2010 17:21:54; Dark ; 51.0; 7; 19Bet Ori ; 0.10; 14000;occ; 102; 0;44168  
 20; 5373.0; 11-AUG-2010 17:23:53; Dark ; 43.0; 101; 11Alp Lep ; 2.58; 7000;occ; 86; 0;44168  
 21; 5539.4; 11-AUG-2010 17:26:40; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44168  
 22; 6168.9; 11-AUG-2010 17:37:09; Dark ; 49.5; 157; The1Eri ; 2.91; 9300;occ; 99; 0;44169  
 23; 6446.6; 11-AUG-2010 17:41:47; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44169  
 24; 6778.3; 11-AUG-2010 17:47:19; Dark ; 53.0; 84; Alp Phe ; 2.40; 4500;occ; 106; 0;44169  
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 4; 1803.0; 11-AUG-2010 18:04:59; Bright; 44.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 89; 0;44169  
 5; 2138.8; 11-AUG-2010 18:10:35; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;44169  
 6; 2518.5; 11-AUG-2010 18:16:55; Bright; 41.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 83; 0;44169  
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 9; 3035.2; 11-AUG-2010 18:25:32; Bright; 40.5; 89; 5Alp Cep ; 2.45; 8000;occ; 81; 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  
 14; 4540.2; 11-AUG-2010 18:50:37; Dark ; 51.0; 28; 12Bet Tau ; 1.65; 15200;occ; 102; 0;44169  
 15; 4675.5; 11-AUG-2010 18:52:52; Dark ; 45.0; 176; 23Zet Tau ; 3.02; 22000;occ; 90; 0;44169  
 16; 4861.1; 11-AUG-2010 18:55:58; Dark ; 42.0; 13; 87Alp Tau ; 0.87; 3800;occ; 84; 0;44169  
 17; 4971.3; 11-AUG-2010 18:57:48; Dark ; 50.0; 27; 24Gam Ori ; 1.64; 26000;occ; 100; 0;44169  
 18; 5086.8; 11-AUG-2010 18:59:43; Dark ; 46.0; 30; 46Eps Ori ; 1.69; 30000;occ; 92; 0;44169  
 19; 5170.0; 11-AUG-2010 19:01:06; Dark ; 44.5; 125; 44Iot Ori ; 2.77; 30000;occ; 89; 0;44169  
 20; 5254.6; 11-AUG-2010 19:02:31; Dark ; 58.5; 7; 19Bet Ori ; 0.10; 14000;occ; 117; 0;44169  
 21; 5373.6; 11-AUG-2010 19:04:30; Dark ; 46.0; 101; 11Alp Lep ; 2.58; 7000;occ; 92; 0;44169  
 22; 5540.0; 11-AUG-2010 19:07:16; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44169  
 23; 6169.9; 11-AUG-2010 19:17:46; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44170  
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7; 2607.5; 11-AUG-2010 19:59:00; Bright; 40.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 80; 0;44170
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11; 3487.7; 11-AUG-2010 20:13:40; Bright; 49.0; 76; 27Gam Cas ; 2.30; 30000;occ; 98; 0;44170
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22; 5540.6; 11-AUG-2010 20:47:53; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44170
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3; 137.1; 12-AUG-2010 00:19:37; Dark ; 49.0; 157; The1Eri ; 2.91; 9300;occ; 98; 0;44173
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5; 745.6; 12-AUG-2010 00:29:46; Dark ; 61.5; 84; Alp Phe ; 2.40; 4500;occ; 123; 0;44173
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10; 2136.9; 12-AUG-2010 00:52:57; Bright; 47.5; 61; 8Eps Peg ; 2.10; 3900;occ; 95; 0;44173
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14; 3033.9; 12-AUG-2010 01:07:54; Bright; 39.5; 89; 5Alp Cep ; 2.45; 8000;occ; 79; 0;44173
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5; 138.4; 12-AUG-2010 02:00:14; Dark ; 50.0; 157; The1Eri ; 2.91; 9300;occ; 100; 0;44174
6; 413.9; 12-AUG-2010 02:04:50; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44174
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8; 990.7; 12-AUG-2010 02:14:27; Dark ; 44.5; 31; Alp Gru ; 1.73; 15200;occ; 89; 0;44174
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13; 2517.1; 12-AUG-2010 02:39:53; Bright; 37.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 75; 0;44174
14; 2606.5; 12-AUG-2010 02:41:22; Bright; 37.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 74; 0;44174
15; 2708.7; 12-AUG-2010 02:43:05; Bright; 39.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 79; 0;44174
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3; -1494.6; 12-AUG-2010 03:13:37; Dark ; 48.0; 28; 12Bet Tau ; 1.65; 15200;occ; 96; 0;44174

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13; 747.7; 12-AUG-2010 03:51:00; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44175
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19; 2517.0; 12-AUG-2010 04:20:29; Bright; 41.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 82; 0;44175
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22; 3033.4; 12-AUG-2010 04:29:05; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44175
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5; 2700.8; 14-AUG-2010 10:02:43; Bright; 40.5; 19; 50Alp Cyg ; 1.25; 10500;occ; 81; 0;44207
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 9; 4364.5; 14-AUG-2010 12:11:02; Bright; 38.5; 107; 37The Aur ; 2.65; 11000;occ; 77; 0;44208  
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13; 785.5; 15-AUG-2010 03:57:22; Dark ; 55.0; 84; Alp Phe ; 2.40; 4500;occ; 110; 0;44218

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23; 7282.3; 15-AUG-2010 12:28:03; Dark ; 56.0; 18; 24Alp PsA ; 1.17; 9700;occ; 112; 0;44223
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 6; 2697.3; 15-AUG-2010 12:52:14; Bright; 41.0; 19; 50Alp Cyg ; 1.25; 10500;occ; 82; 0;44223
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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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 19; 6513.7; 18-AUG-2010 14:01:35; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44267  
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 22; 7300.3; 18-AUG-2010 14:14:42; Dark ; 54.0; 18; 24Alp PsA ; 1.17; 9700;occ; 108; 0;44267

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 8; 3008.2; 18-AUG-2010 14:43:45; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44267  
 9; 4190.2; 18-AUG-2010 15:03:27; Bright; 51.5; 6; 13Alp Aur ; 0.08; 3400;occ; 103; 0;44267  
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 11; 4559.7; 18-AUG-2010 15:09:37; Dark ; 53.5; 28; 12Bet Tau ; 1.65; 15200;occ; 107; 0;44267  
 12; 4729.7; 18-AUG-2010 15:12:27; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44267  
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 19; 6284.6; 18-AUG-2010 15:38:22; Dark ; 52.0; 157; The1Eri ; 2.91; 9300;occ; 104; 0;44268  
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 21; 6863.1; 18-AUG-2010 15:48:00; Dark ; 54.5; 84; Alp Phe ; 2.40; 4500;occ; 109; 0;44268  
 22; 7062.5; 18-AUG-2010 15:51:20; Dark ; 39.5; 31; Alp Gru ; 1.73; 15200;occ; 79; 0;44268  
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 3; 1799.2; 18-AUG-2010 16:04:12; Bright; 42.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 84; 0;44268  
 4; 1915.6; 18-AUG-2010 16:06:09; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44268  
 5; 2104.1; 18-AUG-2010 16:09:17; Bright; 46.5; 61; 8Eps Peg ; 2.10; 3900;occ; 93; 0;44268  
 6; 2496.7; 18-AUG-2010 16:15:50; Bright; 39.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 78; 0;44268  
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 9; 3007.6; 18-AUG-2010 16:24:21; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44268

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13; 4559.7; 18-AUG-2010 16:50:13; Dark ; 52.5; 28; 12Bet Tau ; 1.65; 15200;occ; 105; 0;44268
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16; 5144.5; 18-AUG-2010 16:59:58; Dark ; 49.5; 30; 46Eps Ori ; 1.69; 30000;occ; 99; 0;44268
17; 5230.9; 18-AUG-2010 17:01:24; Dark ; 46.0; 125; 44Iot Ori ; 2.77; 30000;occ; 92; 0;44268
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21; 6285.7; 18-AUG-2010 17:18:59; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44269
22; 6515.1; 18-AUG-2010 17:22:48; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44269
23; 6864.0; 18-AUG-2010 17:28:37; Dark ; 52.5; 84; Alp Phe ; 2.40; 4500;occ; 105; 0;44269
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6; 2496.4; 18-AUG-2010 17:56:26; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44269
7; 2594.5; 18-AUG-2010 17:58:04; Bright; 39.0; 66; 37Gam Cyg ; 2.21; 5900;occ; 78; 0;44269
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12; 4369.4; 18-AUG-2010 18:27:39; Bright; 40.0; 107; 37The Aur ; 2.65; 11000;occ; 80; 0;44269
13; 4559.9; 18-AUG-2010 18:30:49; Dark ; 53.0; 28; 12Bet Tau ; 1.65; 15200;occ; 106; 0;44269
14; 4730.0; 18-AUG-2010 18:33:39; Dark ; 44.5; 44; 24Gam Gem ; 1.93; 11000;occ; 89; 0;44269
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16; 5145.1; 18-AUG-2010 18:40:34; Dark ; 50.5; 30; 46Eps Ori ; 1.69; 30000;occ; 101; 0;44269
17; 5231.6; 18-AUG-2010 18:42:01; Dark ; 45.5; 125; 44Iot Ori ; 2.77; 30000;occ; 91; 0;44269
18; 5331.4; 18-AUG-2010 18:43:41; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44269
19; 5438.7; 18-AUG-2010 18:45:28; Dark ; 47.5; 101; 11Alp Lep ; 2.58; 7000;occ; 95; 0;44269
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4; 1798.8; 18-AUG-2010 19:25:24; Bright; 42.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 85; 0;44270
5; 1914.7; 18-AUG-2010 19:27:20; Bright; 47.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 94; 0;44270
6; 2103.7; 18-AUG-2010 19:30:29; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44270
7; 2496.4; 18-AUG-2010 19:37:02; Bright; 40.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 81; 0;44270
8; 2594.6; 18-AUG-2010 19:38:40; Bright; 37.5; 66; 37Gam Cyg ; 2.21; 5900;occ; 75; 0;44270
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10; 3007.1; 18-AUG-2010 19:45:32; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44270
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13; 4369.4; 18-AUG-2010 20:08:15; Bright; 39.0; 107; 37The Aur ; 2.65; 11000;occ; 78; 0;44270
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16; 4947.9; 18-AUG-2010 20:17:53; Dark ; 53.0; 14; 58Alp Ori ; 0.87; 3000;occ; 106; 0;44270
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18; 5232.2; 18-AUG-2010 20:22:37; Dark ; 48.0; 125; 44Iot Ori ; 2.77; 30000;occ; 96; 0;44270
19; 5332.1; 18-AUG-2010 20:24:17; Dark ; 55.5; 7; 19Bet Ori ; 0.10; 14000;occ; 111; 0;44270
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22; 6288.1; 18-AUG-2010 20:40:13; Dark ; 51.0; 157; The1Eri ; 2.91; 9300;occ; 102; 0;44271
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17; 3276.1; 19-AUG-2010 00:51:49; Bright; 31.0; 74; 11Bet Cas ; 2.27; 6600;occ; 62; 0;44273
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 4; 2494.9; 19-AUG-2010 12:22:59; Bright; 38.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 76; 0;44280
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 13; 5065.5; 22-AUG-2010 11:30:59; Dark ; 57.0; 27; 24Gam Ori ; 1.64; 26000;occ; 114; 0;44322  
 14; 5182.8; 22-AUG-2010 11:32:56; Dark ; 52.5; 30; 46Eps Ori ; 1.69; 30000;occ; 105; 0;44322  
 15; 5271.4; 22-AUG-2010 11:34:25; Dark ; 48.5; 125; 44Iot Ori ; 2.77; 30000;occ; 97; 0;44322  
 16; 5381.1; 22-AUG-2010 11:36:14; Dark ; 63.5; 7; 19Bet Ori ; 0.10; 14000;occ; 127; 0;44322  
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 23; 7321.6; 22-AUG-2010 12:08:35; Dark ; 53.0; 18; 24Alp PsA ; 1.17; 9700;occ; 106; 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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 12; 4745.1; 22-AUG-2010 13:06:14; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44323  
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 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  
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 11; 4571.5; 22-AUG-2010 14:43:57; Dark ; 55.5; 28; 12Bet Tau ; 1.65; 15200;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
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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
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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
10; 4372.9; 22-AUG-2010 16:21:14; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 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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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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 3; 1602.3; 22-AUG-2010 18:56:15; Bright; 42.5; 142; 49Del Cap ; 2.85; 8900;occ; 85; 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
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26; 6362.1; 23-AUG-2010 02:57:59; Dark ; 53.5; 157; The1Eri ; 2.91; 9300;occ; 107; 0;44332
27; 6557.1; 23-AUG-2010 03:01:14; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44332
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29; 7041.1; 23-AUG-2010 03:09:18; Dark ; 45.0; 63; Bet Gru ; 2.15; 2800;occ; 90; 0;44332
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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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13; 5664.7; 23-AUG-2010 04:26:57; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44332
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15; 6557.7; 23-AUG-2010 04:41:50; Dark ; 46.5; 9; Alp Eri ; 0.45; 24000;occ; 93; 0;44333
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22; 8125.5; 23-AUG-2010 05:07:58; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44333
23; 8525.0; 23-AUG-2010 05:14:37; Bright; 37.0; 92; 53Eps Cyg ; 2.50; 4500;occ; 74; 0;44333
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 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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 9; -643.2; 23-AUG-2010 06:03:01; Dark ; 73.5; 7; 19Bet Ori ; 0.10; 14000;occ; 147; 0;44333
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11; -370.4; 23-AUG-2010 06:07:34; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44333
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
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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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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
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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
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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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 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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 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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 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  
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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  
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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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8; 886.4; 24-AUG-2010 02:35:42; Dark ; 53.5; 84; Alp Phe ; 2.40; 4500;occ; 107; 0;44346
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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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12; 4653.8; 24-AUG-2010 12:01:29; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;44351
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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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 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  
 6; 2086.0; 24-AUG-2010 19:41:41; Bright; 40.5; 61; 8Eps Peg ; 2.10; 3900;occ; 81; 0;44356  
 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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 12; 3337.3; 25-AUG-2010 21:11:31; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44371  
 13; 4216.2; 25-AUG-2010 21:26:10; Bright; 54.0; 42; 34Bet Aur ; 1.90; 10200;occ; 108; 0;44371  
 14; 4375.0; 25-AUG-2010 21:28:49; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;44371  
 15; 4659.1; 25-AUG-2010 21:33:33; Dark ; 51.5; 151; 13Mu Gem ; 2.89; 3000;occ; 103; 0;44371  
 16; 4759.4; 25-AUG-2010 21:35:13; Dark ; 42.0; 44; 24Gam Gem ; 1.93; 11000;occ; 84; 0;44371  
 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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 2; -712.2; 25-AUG-2010 21:44:38; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;44371  
 3; -511.2; 25-AUG-2010 21:47:59; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44371  
 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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 2; -510.5; 25-AUG-2010 23:28:35; Dark ; 52.5; 101; 11Alp Lep ; 2.58; 7000;occ; 105; 0;44372  
 3; -333.8; 25-AUG-2010 23:31:32; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44372  
 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  
 13; 2486.2; 26-AUG-2010 00:18:32; Bright; 39.5; 92; 53Eps Cyg ; 2.50; 4500;occ; 79; 0;44373  
 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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 2; -509.7; 26-AUG-2010 01:09:12; Dark ; 46.5; 101; 11Alp Lep ; 2.58; 7000;occ; 93; 0;44373  
 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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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
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
11; 1900.1; 26-AUG-2010 01:49:22; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 37;44374
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2; 1607.5; 26-AUG-2010 01:44:29; Dark ; 50.5; 142; 49Del Cap ; 2.85; 8900;occ; 101; 0;44374
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
18; 6415.2; 26-AUG-2010 03:04:37; Dark ; 50.5; 157; The1Eri ; 2.91; 9300;occ; 101; 0;44375
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
14; 6585.8; 26-AUG-2010 04:48:03; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44376
15; 6943.2; 26-AUG-2010 04:54:01; Dark ; 56.0; 84; Alp Phe ; 2.40; 4500;occ; 112; 0;44376
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
20; 7936.2; 26-AUG-2010 05:10:34; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44376
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; -1374.9; 26-AUG-2010 07:37:10; Dark ; 53.5; 151; 13Mu Gem ; 2.89; 3000;occ; 107; 0;44377  
 4; -1274.3; 26-AUG-2010 07:38:51; Dark ; 45.5; 44; 24Gam Gem ; 1.93; 11000;occ; 91; 0;44377  
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 9; -328.9; 26-AUG-2010 07:54:36; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44377  
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 12; 908.4; 26-AUG-2010 08:15:14; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44378  
 13; 1022.3; 26-AUG-2010 08:17:08; Dark ; 45.5; 63; Bet Gru ; 2.15; 2800;occ; 91; 0;44378  
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 13; 5226.3; 26-AUG-2010 09:27:12; Dark ; 57.5; 72; 34Del Ori ; 2.25; 30000;occ; 115; 0;44378  
 14; 5327.1; 26-AUG-2010 09:28:52; Dark ; 49.0; 1; 9Alp CMa ; -1.44; 11000;occ; 98; 0;44378  
 15; 5530.9; 26-AUG-2010 09:32:16; Dark ; 51.5; 101; 11Alp Lep ; 2.58; 7000;occ; 103; 0;44378  
 16; 5708.0; 26-AUG-2010 09:35:13; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44378

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 3; 909.5; 26-AUG-2010 11:36:27; Dark ; 50.5; 84; Alp Phe ; 2.40; 4500;occ; 101; 0;44380  
 4; 1023.3; 26-AUG-2010 11:38:20; Dark ; 44.5; 63; Bet Gru ; 2.15; 2800;occ; 89; 0;44380  
 5; 1304.9; 26-AUG-2010 11:43:02; Dark ; 51.0; 18; 24Alp PsA ; 1.17; 9700;occ; 102; 0;44380  
 6; 1608.3; 26-AUG-2010 11:48:05; Dark ; 47.5; 142; 49Del Cap ; 2.85; 8900;occ; 95; 0;44380

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 2; 1899.7; 26-AUG-2010 11:52:57; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44380  
 3; 2082.5; 26-AUG-2010 11:56:00; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44380  
 4; 2548.5; 26-AUG-2010 12:03:46; Bright; 48.0; 164; 44Eta Peg ; 2.95; 5400;occ; 96; 0;44380  
 5; 2985.5; 26-AUG-2010 12:11:03; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44380  
 6; 3198.7; 26-AUG-2010 12:14:36; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44380  
 7; 4215.9; 26-AUG-2010 12:31:33; Bright; 43.0; 42; 34Bet Aur ; 1.90; 10200;occ; 86; 0;44380  
 8; 4375.4; 26-AUG-2010 12:34:12; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44380  
 9; 4661.6; 26-AUG-2010 12:38:59; Dark ; 59.5; 151; 13Mu Gem ; 2.89; 3000;occ; 119; 0;44380  
 10; 4762.5; 26-AUG-2010 12:40:40; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44380  
 11; 5008.4; 26-AUG-2010 12:44:46; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44380  
 12; 5228.2; 26-AUG-2010 12:48:25; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44380  
 13; 5328.2; 26-AUG-2010 12:50:05; Dark ; 44.0; 1; 9Alp CMa ; -1.44; 11000;occ; 88; 0;44380  
 14; 5532.8; 26-AUG-2010 12:53:30; Dark ; 48.5; 101; 11Alp Lep ; 2.58; 7000;occ; 97; 0;44380  
 15; 5709.9; 26-AUG-2010 12:56:27; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44380  
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 17; 6589.0; 26-AUG-2010 13:11:06; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44381  
 18; 6946.4; 26-AUG-2010 13:17:03; Dark ; 51.5; 84; Alp Phe ; 2.40; 4500;occ; 103; 0;44381  
 19; 7059.2; 26-AUG-2010 13:18:56; Dark ; 49.5; 63; Bet Gru ; 2.15; 2800;occ; 99; 0;44381  
 20; 7340.8; 26-AUG-2010 13:23:38; Dark ; 48.0; 18; 24Alp PsA ; 1.17; 9700;occ; 96; 0;44381

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 3; 1899.5; 26-AUG-2010 13:33:32; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44381  
 4; 2082.1; 26-AUG-2010 13:36:35; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44381  
 5; 2547.8; 26-AUG-2010 13:44:21; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;44381  
 6; 2985.6; 26-AUG-2010 13:51:39; Bright; 39.0; 89; 5Alp Cep ; 2.45; 8000;occ; 78; 0;44381

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8; 3329.7; 26-AUG-2010 13:57:23; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44381
9; 4215.5; 26-AUG-2010 14:12:08; Bright; 45.5; 42; 34Bet Aur ; 1.90; 10200;occ; 91; 0;44381
10; 4375.7; 26-AUG-2010 14:14:49; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44381
11; 4661.9; 26-AUG-2010 14:19:35; Dark ; 53.0; 151; 13Mu Gem ; 2.89; 3000;occ; 106; 0;44381
12; 4762.8; 26-AUG-2010 14:21:16; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44381
13; 5008.6; 26-AUG-2010 14:25:22; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44381
14; 5229.4; 26-AUG-2010 14:29:02; Dark ; 47.0; 72; 34Del Ori ; 2.25; 30000;occ; 94; 0;44381
15; 5328.9; 26-AUG-2010 14:30:42; Dark ; 45.5; 1; 9Alp CMA ; -1.44; 11000;occ; 91; 0;44381
16; 5534.0; 26-AUG-2010 14:34:07; Dark ; 54.5; 101; 11Alp Lep ; 2.58; 7000;occ; 109; 0;44381
17; 5711.0; 26-AUG-2010 14:37:04; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44381
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19; 6589.2; 26-AUG-2010 14:51:42; Dark ; 45.5; 9; Alp Eri ; 0.45; 24000;occ; 91; 0;44382
20; 6947.2; 26-AUG-2010 14:57:40; Dark ; 52.0; 84; Alp Phe ; 2.40; 4500;occ; 104; 0;44382
21; 7059.7; 26-AUG-2010 14:59:33; Dark ; 53.0; 63; Bet Gru ; 2.15; 2800;occ; 106; 0;44382
22; 7341.2; 26-AUG-2010 15:04:14; Dark ; 50.5; 18; 24Alp PsA ; 1.17; 9700;occ; 101; 0;44382
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4; 2082.3; 26-AUG-2010 15:17:11; Bright; 41.5; 61; 8Eps Peg ; 2.10; 3900;occ; 83; 0;44382
5; 2547.3; 26-AUG-2010 15:24:56; Bright; 47.5; 164; 44Eta Peg ; 2.95; 5400;occ; 95; 0;44382
6; 2985.5; 26-AUG-2010 15:32:14; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44382
7; 3196.7; 26-AUG-2010 15:35:46; Bright; 47.0; 74; 11Bet Cas ; 2.27; 6600;occ; 94; 0;44382
8; 3328.9; 26-AUG-2010 15:37:58; Bright; 48.0; 76; 27Gam Cas ; 2.30; 30000;occ; 96; 0;44382
9; 4215.8; 26-AUG-2010 15:52:45; Bright; 43.5; 42; 34Bet Aur ; 1.90; 10200;occ; 87; 0;44382
10; 4375.9; 26-AUG-2010 15:55:25; Bright; 44.5; 107; 37The Aur ; 2.65; 11000;occ; 89; 0;44382
11; 4662.3; 26-AUG-2010 16:00:11; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44382
12; 4763.1; 26-AUG-2010 16:01:52; Dark ; 46.5; 44; 24Gam Gem ; 1.93; 11000;occ; 93; 0;44382
13; 5009.5; 26-AUG-2010 16:05:58; Dark ; 58.0; 14; 58Alp Ori ; 0.87; 3000;occ; 116; 0;44382
14; 5230.4; 26-AUG-2010 16:09:39; Dark ; 39.0; 72; 34Del Ori ; 2.25; 30000;occ; 78; 0;44382
15; 5329.1; 26-AUG-2010 16:11:18; Dark ; 50.0; 1; 9Alp CMA ; -1.44; 11000;occ; 100; 0;44382
16; 5534.8; 26-AUG-2010 16:14:44; Dark ; 50.5; 101; 11Alp Lep ; 2.58; 7000;occ; 101; 0;44382
17; 5712.0; 26-AUG-2010 16:17:41; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44382
18; 6425.0; 26-AUG-2010 16:29:34; Dark ; 52.5; 157; The1Eri ; 2.91; 9300;occ; 105; 0;44383
19; 6590.4; 26-AUG-2010 16:32:19; Dark ; 45.0; 9; Alp Eri ; 0.45; 24000;occ; 90; 0;44383
20; 6947.6; 26-AUG-2010 16:38:16; Dark ; 57.0; 84; Alp Phe ; 2.40; 4500;occ; 114; 0;44383
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3; 1801.8; 26-AUG-2010 16:53:07; Bright; 40.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 80; 0;44383
4; 1899.4; 26-AUG-2010 16:54:44; Bright; 43.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 87; 0;44383
5; 2081.8; 26-AUG-2010 16:57:47; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44383
6; 2546.4; 26-AUG-2010 17:05:31; Bright; 48.5; 164; 44Eta Peg ; 2.95; 5400;occ; 97; 0;44383
7; 2985.2; 26-AUG-2010 17:12:50; Bright; 37.5; 89; 5Alp Cep ; 2.45; 8000;occ; 75; 0;44383
8; 3196.3; 26-AUG-2010 17:16:21; Bright; 46.0; 74; 11Bet Cas ; 2.27; 6600;occ; 92; 0;44383
9; 3328.4; 26-AUG-2010 17:18:33; Bright; 47.0; 76; 27Gam Cas ; 2.30; 30000;occ; 94; 0;44383
10; 4215.4; 26-AUG-2010 17:33:20; Bright; 45.0; 42; 34Bet Aur ; 1.90; 10200;occ; 90; 0;44383
11; 4375.7; 26-AUG-2010 17:36:01; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44383
12; 4662.6; 26-AUG-2010 17:40:47; Dark ; 50.0; 151; 13Mu Gem ; 2.89; 3000;occ; 100; 0;44383
13; 4763.6; 26-AUG-2010 17:42:28; Dark ; 44.0; 44; 24Gam Gem ; 1.93; 11000;occ; 88; 0;44383
14; 5010.2; 26-AUG-2010 17:46:35; Dark ; 69.0; 14; 58Alp Ori ; 0.87; 3000;occ; 138; 0;44383
15; 5231.3; 26-AUG-2010 17:50:16; Dark ; 39.0; 72; 34Del Ori ; 2.25; 30000;occ; 78; 0;44383
16; 5329.7; 26-AUG-2010 17:51:55; Dark ; 49.0; 1; 9Alp CMA ; -1.44; 11000;occ; 98; 0;44383
17; 5536.1; 26-AUG-2010 17:55:21; Dark ; 47.0; 101; 11Alp Lep ; 2.58; 7000;occ; 94; 0;44383
18; 5713.0; 26-AUG-2010 17:58:18; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44383
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21; 6948.3; 26-AUG-2010 18:18:53; Dark ; 55.5; 84; Alp Phe ; 2.40; 4500;occ; 111; 0;44384
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3; 1609.0; 26-AUG-2010 18:30:30; Dark ; 48.0; 142; 49Del Cap ; 2.85; 8900;occ; 96; 0;44384
4; 1801.9; 26-AUG-2010 18:33:43; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44384
5; 1899.1; 26-AUG-2010 18:35:20; Bright; 42.5; 162; 34Alp Aqr ; 2.94; 5350;occ; 85; 0;44384
6; 2081.9; 26-AUG-2010 18:38:23; Bright; 41.0; 61; 8Eps Peg ; 2.10; 3900;occ; 82; 0;44384

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9; 3195.7; 26-AUG-2010 18:56:57; Bright; 46.5; 74; 11Bet Cas ; 2.27; 6600;occ; 93; 0;44384
10; 3327.5; 26-AUG-2010 18:59:08; Bright; 47.5; 76; 27Gam Cas ; 2.30; 30000;occ; 95; 0;44384
11; 4173.3; 26-AUG-2010 19:13:14; Bright; 57.5; 6; 13Alp Aur ; 0.08; 3400;occ; 115; 0;44384
12; 4375.8; 26-AUG-2010 19:16:37; Bright; 43.5; 107; 37The Aur ; 2.65; 11000;occ; 87; 0;44384
13; 4662.7; 26-AUG-2010 19:21:24; Dark ; 52.5; 151; 13Mu Gem ; 2.89; 3000;occ; 105; 0;44384
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15; 5010.7; 26-AUG-2010 19:27:12; Dark ; 62.5; 14; 58Alp Ori ; 0.87; 3000;occ; 125; 0;44384
16; 5232.3; 26-AUG-2010 19:30:53; Dark ; 30.0; 72; 34Del Ori ; 2.25; 30000;occ; 60; 0;44384
17; 5330.4; 26-AUG-2010 19:32:31; Dark ; 54.5; 1; 9Alp CMa ; -1.44; 11000;occ; 109; 0;44384
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19; 5714.0; 26-AUG-2010 19:38:55; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44384
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7; -709.8; 26-AUG-2010 06:07:40; Dark ; 51.5; 1; 9Alp CMa ; -1.44; 11000;occ; 103; 0;44376
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11; 550.5; 26-AUG-2010 06:28:40; Dark ; 43.0; 9; Alp Eri ; 0.45; 24000;occ; 86; 0;44377
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13; 1022.2; 26-AUG-2010 06:36:32; Dark ; 55.0; 63; Bet Gru ; 2.15; 2800;occ; 110; 0;44377
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16; 1801.7; 26-AUG-2010 06:49:31; Bright; 39.0; 154; 22Bet Aqr ; 2.90; 5700;occ; 78; 0;44377
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6; 1899.0; 26-AUG-2010 20:15:56; Bright; 43.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 86; 0;44385
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10; 3194.6; 26-AUG-2010 20:37:31; Bright; 44.0; 74; 11Bet Cas ; 2.27; 6600;occ; 88; 0;44385
11; 3326.8; 26-AUG-2010 20:39:44; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;44385
12; 4173.1; 26-AUG-2010 20:53:50; Bright; 56.0; 6; 13Alp Aur ; 0.08; 3400;occ; 112; 0;44385
13; 4375.6; 26-AUG-2010 20:57:13; Bright; 43.0; 107; 37The Aur ; 2.65; 11000;occ; 86; 0;44385
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15; 4764.0; 26-AUG-2010 21:03:41; Dark ; 47.5; 44; 24Gam Gem ; 1.93; 11000;occ; 95; 0;44385
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8; 1315.7; 28-AUG-2010 22:24:10; Dark ; 49.0; 18; 24Alp PsA ; 1.17; 9700;occ; 98; 0;44415
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16; 3305.2; 28-AUG-2010 22:57:20; Bright; 46.5; 76; 27Gam Cas ; 2.30; 30000;occ; 93; 0;44415
17; 4166.9; 28-AUG-2010 23:11:42; Bright; 25.0; 6; 13Alp Aur ; 0.08; 3400;occ; 50; 0;44415
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 13; 2980.4; 29-AUG-2010 00:32:31; Bright; 36.5; 89; 5Alp Cep ; 2.45; 8000;occ; 73; 0;44416  
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 17; 4376.7; 29-AUG-2010 00:55:47; Bright; 45.0; 107; 37The Aur ; 2.65; 11000;occ; 90; 0;44416  
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 32; 8114.3; 29-AUG-2010 03:38:41; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44418  
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 12; 5571.7; 29-AUG-2010 04:36:54; Dark ; 52.0; 101; 11Alp Lep ; 2.58; 7000;occ; 104; 0;44418  
 13; 5749.1; 29-AUG-2010 04:39:51; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44418  
 14; 6469.1; 29-AUG-2010 04:51:51; Dark ; 54.5; 157; The1Eri ; 2.91; 9300;occ; 109; 0;44419  
 15; 6612.9; 29-AUG-2010 04:54:15; Dark ; 44.5; 9; Alp Eri ; 0.45; 24000;occ; 89; 0;44419  
 16; 6971.1; 29-AUG-2010 05:00:13; Dark ; 59.0; 84; Alp Phe ; 2.40; 4500;occ; 118; 0;44419  
 17; 7352.8; 29-AUG-2010 05:06:35; Dark ; 52.0; 18; 24Alp PsA ; 1.17; 9700;occ; 104; 0;44419  
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 19; 7839.7; 29-AUG-2010 05:14:42; Bright; 39.5; 154; 22Bet Aqr ; 2.90; 5700;occ; 79; 0;44419  
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 21; 8114.5; 29-AUG-2010 05:19:17; Bright; 39.0; 61; 8Eps Peg ; 2.10; 3900;occ; 78; 0;44419

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23; 9016.2; 29-AUG-2010 05:34:18; Bright; 37.0; 89; 5Alp Cep ; 2.45; 8000;occ; 74; 0;44419
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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
4; 2076.5; 30-AUG-2010 14:51:13; Bright; 42.5; 61; 8Eps Peg ; 2.10; 3900;occ; 85; 0;44439

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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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9; 1895.6; 31-AUG-2010 00:51:48; Bright; 41.0; 162; 34Alp Aqr ; 2.94; 5350;occ; 82; 0;44445  
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12; 2977.1; 31-AUG-2010 01:09:49; Bright; 36.0; 89; 5Alp Cep ; 2.45; 8000;occ; 72; 0;44445  
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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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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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12; 2976.9; 31-AUG-2010 02:50:25; Bright; 35.5; 89; 5Alp Cep ; 2.45; 8000;occ; 71; 0;44446
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7; -256.3; 31-AUG-2010 03:37:08; Dark ; 59.5; 0; ; 0.00; 0;occ; 119; 0;44446
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3; 2508.2; 31-AUG-2010 07:44:24; Bright; 42.0; 164; 44Eta Peg ; 2.95; 5400;occ; 84; 0;44449
4; 2976.8; 31-AUG-2010 07:52:13; Bright; 38.0; 89; 5Alp Cep ; 2.45; 8000;occ; 76; 0;44449
5; 3152.2; 31-AUG-2010 07:55:08; Bright; 43.5; 74; 11Bet Cas ; 2.27; 6600;occ; 87; 0;44449
6; 3281.1; 31-AUG-2010 07:57:17; Bright; 46.0; 76; 27Gam Cas ; 2.30; 30000;occ; 92; 0;44449

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1; -665.3; 31-AUG-2010 21:56:54; Dark ; 49.5; 1; 9Alp CMA ; -1.44; 11000;occ; 99; 0;44457
2; -499.1; 31-AUG-2010 21:59:40; Dark ; 43.0; 23; 21Eps CMA ; 1.50; 26000;occ; 86; 0;44457
3; -358.5; 31-AUG-2010 22:02:01; Dark ; 58.5; 139; 9Bet Lep ; 2.83; 5600;occ; 117; 0;44457
4; -243.9; 31-AUG-2010 22:03:56; Dark ; 59.0; 0; ; 0.00; 0;occ; 118; 0;44457
5; 524.6; 31-AUG-2010 22:16:44; Dark ; 40.0; 143; Alp Hyi ; 2.86; 7200;occ; 80; 0;44458
6; 601.1; 31-AUG-2010 22:18:00; Dark ; 44.0; 9; Alp Eri ; 0.45; 24000;occ; 88; 0;44458
7; 959.0; 31-AUG-2010 22:23:58; Dark ; 45.5; 84; Alp Phe ; 2.40; 4500;occ; 91; 0;44458
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
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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