

# GOME Operations for May 2011

Draft report based on analysis of EGOI data using the Daily Reports and ERGO software system of the PCS

## GOME Operations during May 2011

Date	Operations	remark
01/05/11	data available within visibility of groundstation	start of sun calibration: 18:32:01.895
02/05/11	data available within visibility of groundstation	start of sun calibration: 17:58:28.514
03/05/11	data available within visibility of groundstation	start of sun calibration: 17:24:55.132
04/05/11	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
05/05/11	data available within visibility of groundstation	start of sun calibration: 19:38:43.336
06/05/11	data available within visibility of groundstation	start of sun calibration: 19:05:09.937
07/05/11	data available within visibility of groundstation	start of sun calibration: 18:31:36.533
08/05/11	data available within visibility of groundstation	start of sun calibration: 17:58:03.138
09/05/11	data available within visibility of groundstation	start of sun calibration: 17:24:24.466
10/05/11	data available within visibility of groundstation	start of sun calibration: 16:50:50.963
11/05/11	data available within visibility of groundstation	start of sun calibration: 19:38:12.778
12/05/11	data available within visibility of groundstation	start of sun calibration: 19:04:39.403
13/05/11	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
14/05/11	data available within visibility of groundstation	start of sun calibration: 17:57:34.665
15/05/11	data available within visibility of groundstation	start of sun calibration: 17:24:02.774
16/05/11	data available within visibility of groundstation	start of sun calibration: 16:50:27.875
17/05/11	data available within visibility of groundstation	start of sun calibration: 17:37:49.696
18/05/11	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
19/05/11	data available within visibility of groundstation	start of sun calibration: 18:30:42.897
20/05/11	data available within visibility of groundstation	start of sun calibration: 17:57:15.489
21/05/11	data available within visibility of groundstation	start of sun calibration: 17:23:42.082
22/05/11	data available within visibility of groundstation	start of sun calibration: 16:50:13.177
23/05/11	data available within visibility of groundstation	start of sun calibration: 19:37:30.490

24/05/11	SEU data available within visibility of groundstation	no solar calibration available due to GOME SEU
25/05/11	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
26/05/11	data available within visibility of groundstation	start of sun calibration: 17:56:56.433
27/05/11	data available within visibility of groundstation	start of sun calibration: 17:23:23.032
28/05/11	data available within visibility of groundstation	start of sun calibration: 16:49:55
29/05/11	data available within visibility of groundstation	start of sun calibration: 19:37:11.447
30/05/11	data available within visibility of groundstation	start of sun calibration: 19:03:44.039
31/05/11	SEU	no solar calibration available due to GOME SEU

### Anomalies:

single event upsets (SEU):

Date	Reason
24/05/11	GOME anomaly starting before 19:03:55 (outside gs visibility) cured with power cycle at 20:09:08; data back to nominal after.
31/05/11	GOME stopped sending data (only one product received at ca 00:00:00); the requested power cycle was performed on 01-Jun at 12:19:55; data were back to nominal after

list of datagaps:

Date	Orbit No.	duration	reason
01/05/11	83795	01:06:59 - 01:20:11	gap at HO
01/05/11	83795	01:18:53 - 01:29:01	gap at MM
01/05/11	83795	00:12:59 - 00:24:20	gap at MS
01/05/11	83796	02:24:58 - 02:37:52	gap at BE
01/05/11	83796	03:01:40 - 03:09:30	gap at MM
01/05/11	83796	03:32:40 - 03:44:24	gap at CM
01/05/11	83797	04:04:36 - 04:16:33	gap at BE
01/05/11	83797	04:44:42 - 04:50:39	gap at MM
01/05/11	83797	04:15:48 - 04:28:08	gap at SG
01/05/11	83797	05:13:22 - 05:22:18	gap at CM
01/05/11	83798	06:26:43 - 06:33:06	gap at MM
01/05/11	83798	05:18:28 - 05:21:00	gap at MI
01/05/11	83799	08:07:34 - 08:16:11	gap at MM
01/05/11	83799	07:44:45 - 07:59:20	gap at JO
01/05/11	83800	09:47:55 - 09:58:41	gap at MM
01/05/11	83800	09:25:13 - 09:37:43	gap at JO
01/05/11	83801	11:28:01 - 11:40:09	gap at MM
01/05/11	83802	13:07:53 - 13:20:34	gap at MM

01/05/11	83803	14:57:09 - 15:06:27	gap at HO
01/05/11	83803	14:47:31 - 15:00:12	gap at MM
01/05/11	83803	14:19:11 - 14:21:27	gap at MI
01/05/11	83803	14:09:41 - 14:18:45	gap at GS
01/05/11	83804	15:22:20 - 15:33:23	gap at BE
01/05/11	83804	16:26:52 - 16:39:25	gap at MM
01/05/11	83804	15:47:32 - 16:01:27	gap at GS
01/05/11	83804	15:56:31 - 16:08:20	gap at CM
01/05/11	83805	18:06:01 - 18:18:34	gap at MM
01/05/11	83805	17:27:34 - 17:39:04	gap at GS
01/05/11	83805	17:36:57 - 17:45:51	gap at CM
01/05/11	83806	19:45:13 - 19:57:55	gap at MM
01/05/11	83806	20:04:51 - 20:19:04	gap at JO
01/05/11	83807	21:24:51 - 21:37:32	gap at MM
01/05/11	83807	21:44:23 - 21:57:46	gap at JO
01/05/11	83808	22:56:27 - 23:09:45	gap at HO
01/05/11	83808	23:05:17 - 23:17:25	gap at MM
01/05/11	83808	22:05:21 - 22:15:25	gap at MA
01/05/11	83809	23:40:45 - 23:53:43	gap at MS
02/05/11	83809	00:34:57 - 00:49:22	gap at HO
02/05/11	83809	00:46:46 - 00:57:31	gap at MM
02/05/11	83809	23:57:17 - 00:03:03	gap at KS
02/05/11	83810	01:54:15 - 02:05:40	gap at BE
02/05/11	83810	02:29:17 - 02:37:52	gap at MM
02/05/11	83810	02:07:37 - 02:15:53	gap at SG
02/05/11	83811	03:33:02 - 03:46:05	gap at BE
02/05/11	83811	04:12:22 - 04:18:44	gap at MM
02/05/11	83811	03:43:59 - 03:57:41	gap at SG
02/05/11	83811	03:02:46 - 03:12:16	gap at CM
02/05/11	83811	04:40:45 - 04:52:20	gap at CM
02/05/11	83812	05:54:49 - 06:00:46	gap at MM
02/05/11	83812	04:43:19 - 04:53:13	gap at MI
02/05/11	83813	07:35:57 - 07:43:49	gap at MM
02/05/11	83813	07:14:27 - 07:27:36	gap at JO
02/05/11	83814	09:16:25 - 09:26:35	gap at MM
02/05/11	83814	08:52:56 - 09:07:17	gap at JO
02/05/11	83815	10:56:35 - 11:08:23	gap at MM
02/05/11	83816	12:36:32 - 12:49:07	gap at MM
02/05/11	83817	14:25:15 - 14:37:34	gap at HO
02/05/11	83817	14:16:14 - 14:28:57	gap at MM
02/05/11	83817	14:40:14 - 14:52:39	gap at SG
02/05/11	83818	14:50:02 - 15:02:44	gap at BE
02/05/11	83818	15:55:40 - 16:08:15	gap at MM
02/05/11	83818	15:16:26 - 15:29:50	gap at GS
02/05/11	83818	16:19:34 - 16:31:32	gap at SG
02/05/11	83818	15:26:21 - 15:35:56	gap at CM
02/05/11	83819	17:34:52 - 17:47:23	gap at MM
02/05/11	83819	16:55:57 - 17:08:52	gap at GS

02/05/11	83819	17:04:40 - 17:16:08	gap at CM
02/05/11	83820	19:14:01 - 19:26:40	gap at MM
02/05/11	83820	19:34:30 - 19:46:40	gap at JO
02/05/11	83821	20:53:28 - 21:06:12	gap at MM
02/05/11	83821	21:12:43 - 21:27:24	gap at JO
02/05/11	83822	22:26:09 - 22:38:14	gap at HO
02/05/11	83822	22:33:37 - 22:46:00	gap at MM
02/05/11	83823	23:09:13 - 23:22:40	gap at MS
02/05/11	83823	23:23:52 - 23:32:12	gap at KS
03/05/11	83823	00:03:36 - 00:18:10	gap at HO
03/05/11	83823	00:14:45 - 00:26:02	gap at MM
03/05/11	83824	01:45:47 - 01:56:09	gap at HO
03/05/11	83824	01:56:58 - 02:06:18	gap at MM
03/05/11	83825	03:01:42 - 03:15:07	gap at BE
03/05/11	83825	03:39:58 - 03:46:57	gap at MM
03/05/11	83825	03:12:48 - 03:26:33	gap at SG
03/05/11	83826	04:42:19 - 04:51:45	gap at BE
03/05/11	83826	05:22:46 - 05:28:32	gap at MM
03/05/11	83826	04:10:42 - 04:23:06	gap at MI
03/05/11	83826	04:54:46 - 05:02:40	gap at SG
03/05/11	83827	07:04:16 - 07:11:24	gap at MM
03/05/11	83827	06:17:38 - 06:24:18	gap at KS
03/05/11	83827	06:44:57 - 06:55:21	gap at JO
03/05/11	83828	08:44:53 - 08:54:22	gap at MM
03/05/11	83828	08:06:33 - 08:16:14	gap at MA
03/05/11	83828	08:21:20 - 08:36:21	gap at JO
03/05/11	83829	10:25:08 - 10:36:30	gap at MM
03/05/11	83829	09:44:21 - 09:58:02	gap at MA
03/05/11	83829	10:05:02 - 10:12:16	gap at JO
03/05/11	83830	12:05:08 - 12:17:34	gap at MM
03/05/11	83831	13:44:55 - 13:57:39	gap at MM
03/05/11	83831	14:10:46 - 14:19:55	gap at SG
03/05/11	83832	14:18:21 - 14:31:44	gap at BE
03/05/11	83832	15:24:27 - 15:37:05	gap at MM
03/05/11	83832	14:45:34 - 14:56:23	gap at GS
03/05/11	83832	15:47:36 - 16:01:12	gap at SG
03/05/11	83832	14:58:35 - 15:01:02	gap at CM
03/05/11	83833	16:02:00 - 16:08:31	gap at BE
03/05/11	83833	17:03:42 - 17:16:14	gap at MM
03/05/11	83833	16:24:31 - 16:38:13	gap at GS
03/05/11	83834	18:42:50 - 18:55:26	gap at MM
03/05/11	83834	18:05:14 - 18:14:04	gap at GS
03/05/11	83834	19:05:16 - 19:12:58	gap at JO
03/05/11	83835	20:22:09 - 20:34:53	gap at MM
03/05/11	83835	20:41:24 - 20:56:25	gap at JO
03/05/11	83836	21:56:39 - 22:06:24	gap at HO
03/05/11	83836	22:02:03 - 22:14:36	gap at MM
03/05/11	83836	22:22:29 - 22:32:38	gap at JO

03/05/11	83837	23:32:31 - 23:46:53	gap at HO
03/05/11	83837	23:42:51 - 23:54:34	gap at MM
03/05/11	83837	22:45:40 - 22:50:13	gap at MA
03/05/11	83837	22:50:57 - 23:01:05	gap at KS
04/05/11	83838	01:12:47 - 01:25:45	gap at HO
04/05/11	83838	01:24:44 - 01:34:45	gap at MM
04/05/11	83838	00:18:57 - 00:29:52	gap at MS
04/05/11	83839	02:30:36 - 02:43:38	gap at BE
04/05/11	83839	03:07:33 - 03:15:15	gap at MM
04/05/11	83839	02:42:17 - 02:54:46	gap at SG
04/05/11	83840	04:10:23 - 04:22:02	gap at BE
04/05/11	83840	04:50:34 - 04:56:28	gap at MM
04/05/11	83840	04:21:40 - 04:33:35	gap at SG
04/05/11	83841	06:32:30 - 06:38:59	gap at MM
04/05/11	83841	05:19:28 - 05:27:36	gap at CM
04/05/11	83842	08:13:19 - 08:22:04	gap at MM
04/05/11	83842	07:50:19 - 08:05:03	gap at JO
04/05/11	83843	09:53:39 - 10:04:31	gap at MM
04/05/11	83843	09:31:11 - 09:43:10	gap at JO
04/05/11	83844	11:33:44 - 11:45:55	gap at MM
04/05/11	83845	13:13:35 - 13:26:17	gap at MM
04/05/11	83846	15:03:00 - 15:11:56	gap at HO
04/05/11	83846	14:53:12 - 15:05:53	gap at MM
04/05/11	83846	14:23:33 - 14:28:32	gap at MI
04/05/11	83846	14:15:08 - 14:24:51	gap at GS
04/05/11	83846	15:16:20 - 15:30:09	gap at SG
04/05/11	83847	15:28:18 - 15:38:54	gap at BE
04/05/11	83847	16:32:32 - 16:45:04	gap at MM
04/05/11	83847	15:53:13 - 16:07:08	gap at GS
04/05/11	83847	16:58:57 - 17:05:41	gap at SG
04/05/11	83848	18:11:41 - 18:24:14	gap at MM
04/05/11	83848	17:33:20 - 17:44:31	gap at GS
04/05/11	83849	19:50:54 - 20:03:36	gap at MM
04/05/11	83849	20:10:26 - 20:24:52	gap at JO
04/05/11	83850	21:30:34 - 21:43:14	gap at MM
04/05/11	83850	21:50:11 - 22:03:13	gap at JO
04/05/11	83851	23:01:58 - 23:15:29	gap at HO
04/05/11	83851	23:11:04 - 23:23:07	gap at MM
04/05/11	83851	22:11:22 - 22:20:55	gap at MA
04/05/11	83852	23:46:33 - 23:59:20	gap at MS
05/05/11	83852	00:40:48 - 00:54:59	gap at HO
05/05/11	83852	00:52:36 - 01:03:14	gap at MM
05/05/11	83852	00:03:26 - 00:08:35	gap at KS
05/05/11	83853	01:59:48 - 02:11:35	gap at BE
05/05/11	83853	02:35:10 - 02:43:37	gap at MM
05/05/11	83853	02:12:47 - 02:22:01	gap at SG
05/05/11	83854	03:38:46 - 03:51:40	gap at BE
05/05/11	83854	04:18:15 - 04:24:32	gap at MM

05/05/11	83854	03:49:43 - 04:03:17	gap at SG
05/05/11	83855	06:00:37 - 06:06:38	gap at MM
05/05/11	83855	04:49:23 - 04:58:34	gap at MI
05/05/11	83856	07:41:42 - 07:49:42	gap at MM
05/05/11	83856	07:19:54 - 07:33:24	gap at JO
05/05/11	83857	09:22:09 - 09:32:26	gap at MM
05/05/11	83857	08:58:44 - 09:12:51	gap at JO
05/05/11	83858	11:02:18 - 11:14:10	gap at MM
05/05/11	83859	12:42:14 - 12:54:50	gap at MM
05/05/11	83860	14:31:02 - 14:42:51	gap at HO
05/05/11	83860	14:21:55 - 14:34:38	gap at MM
05/05/11	83860	14:45:43 - 14:58:30	gap at SG
05/05/11	83861	14:55:51 - 15:08:21	gap at BE
05/05/11	83861	16:01:20 - 16:13:55	gap at MM
05/05/11	83861	15:22:04 - 15:35:37	gap at GS
05/05/11	83861	16:25:28 - 16:36:57	gap at SG
05/05/11	83862	17:40:31 - 17:53:03	gap at MM
05/05/11	83862	17:01:41 - 17:14:24	gap at GS
05/05/11	83863	19:19:41 - 19:32:20	gap at MM
05/05/11	83863	19:39:58 - 19:52:38	gap at JO
05/05/11	83864	20:59:10 - 21:11:53	gap at MM
05/05/11	83864	21:18:27 - 21:32:58	gap at JO
05/05/11	83865	22:31:35 - 22:43:58	gap at HO
05/05/11	83865	22:39:22 - 22:51:42	gap at MM
05/05/11	83866	23:14:55 - 23:28:19	gap at MS
05/05/11	83866	23:29:53 - 23:37:50	gap at KS
06/05/11	83866	00:09:13 - 00:23:50	gap at HO
06/05/11	83866	00:20:34 - 00:31:45	gap at MM
06/05/11	83867	01:52:05 - 02:01:33	gap at HO
06/05/11	83867	02:02:50 - 02:12:02	gap at MM
06/05/11	83868	03:07:23 - 03:20:47	gap at BE
06/05/11	83868	03:45:52 - 03:52:43	gap at MM
06/05/11	83868	03:18:25 - 03:32:16	gap at SG
06/05/11	83869	04:48:11 - 04:57:04	gap at BE
06/05/11	83869	05:28:36 - 05:34:23	gap at MM
06/05/11	83869	04:16:33 - 04:28:38	gap at MI
06/05/11	83869	05:01:03 - 05:07:40	gap at SG
06/05/11	83870	07:10:02 - 07:17:18	gap at MM
06/05/11	83870	06:23:15 - 06:30:28	gap at KS
06/05/11	83870	06:50:14 - 07:01:17	gap at JO
06/05/11	83871	08:50:37 - 09:00:14	gap at MM
06/05/11	83871	08:11:57 - 08:22:16	gap at MA
06/05/11	83871	08:27:02 - 08:42:00	gap at JO
06/05/11	83872	10:30:51 - 10:42:18	gap at MM
06/05/11	83873	12:10:51 - 12:23:18	gap at MM
06/05/11	83874	13:50:37 - 14:03:21	gap at MM
06/05/11	83874	14:16:00 - 14:25:59	gap at SG
06/05/11	83875	14:24:04 - 14:37:23	gap at BE

06/05/11	83875	15:30:07 - 15:42:45	gap at MM
06/05/11	83875	14:51:10 - 15:03:36	gap at GS
06/05/11	83875	15:53:22 - 16:06:46	gap at SG
06/05/11	83875	15:03:02 - 15:08:00	gap at CM
06/05/11	83876	17:09:22 - 17:21:54	gap at MM
06/05/11	83876	16:30:13 - 16:43:49	gap at GS
06/05/11	83877	18:48:30 - 19:01:07	gap at MM
06/05/11	83877	18:11:04 - 18:19:22	gap at GS
06/05/11	83877	19:10:25 - 19:19:16	gap at JO
06/05/11	83878	20:27:50 - 20:40:34	gap at MM
06/05/11	83878	19:27:53 - 19:39:19	gap at MA
06/05/11	83878	20:47:04 - 21:02:05	gap at JO
06/05/11	83879	22:01:54 - 22:12:13	gap at HO
06/05/11	83879	22:07:47 - 22:20:19	gap at MM
06/05/11	83879	22:28:28 - 22:37:51	gap at JO
06/05/11	83880	23:38:11 - 23:52:34	gap at HO
06/05/11	83880	23:48:39 - 00:00:17	gap at MM
06/05/11	83880	22:56:54 - 23:06:45	gap at KS
07/05/11	83880	23:48:39 - 00:00:17	gap at MM
07/05/11	83881	01:18:39 - 01:31:19	gap at HO
07/05/11	83881	01:30:35 - 01:40:29	gap at MM
07/05/11	83881	00:24:58 - 00:35:22	gap at MS
07/05/11	83882	02:36:14 - 02:49:24	gap at BE
07/05/11	83882	03:13:27 - 03:21:01	gap at MM
07/05/11	83882	02:47:47 - 03:00:36	gap at SG
07/05/11	83883	04:16:09 - 04:27:29	gap at BE
07/05/11	83883	04:56:26 - 05:02:17	gap at MM
07/05/11	83883	04:27:34 - 04:39:00	gap at SG
07/05/11	83884	06:38:17 - 06:44:53	gap at MM
07/05/11	83884	05:52:41 - 05:56:43	gap at KS
07/05/11	83884	05:25:39 - 05:32:48	gap at CM
07/05/11	83884	06:22:01 - 06:28:01	gap at JO
07/05/11	83885	08:19:03 - 08:27:57	gap at MM
07/05/11	83885	07:31:07 - 07:42:16	gap at KS
07/05/11	83885	07:55:55 - 08:10:46	gap at JO
07/05/11	83886	09:59:22 - 10:10:21	gap at MM
07/05/11	83886	09:10:41 - 09:24:18	gap at KS
07/05/11	83886	09:19:00 - 09:32:20	gap at MA
07/05/11	83886	09:37:12 - 09:48:35	gap at JO
07/05/11	83887	11:39:27 - 11:51:41	gap at MM
07/05/11	83887	10:50:17 - 11:04:11	gap at KS
07/05/11	83887	10:58:49 - 11:09:17	gap at MA
07/05/11	83887	11:03:28 - 11:16:08	gap at MS
07/05/11	83888	13:19:17 - 13:32:00	gap at MM
07/05/11	83888	12:29:38 - 12:42:35	gap at KS
07/05/11	83888	12:43:10 - 12:54:39	gap at MS
07/05/11	83889	15:08:50 - 15:17:23	gap at HO
07/05/11	83889	14:58:53 - 15:11:33	gap at MM

07/05/11	83889	14:28:29 - 14:35:04	gap at MI
07/05/11	83889	14:08:31 - 14:20:18	gap at KS
07/05/11	83889	14:20:37 - 14:30:54	gap at GS
07/05/11	83889	15:21:58 - 15:35:51	gap at SG
07/05/11	83890	15:34:18 - 15:44:23	gap at BE
07/05/11	83890	16:38:12 - 16:50:44	gap at MM
07/05/11	83890	16:04:46 - 16:18:08	gap at MI
07/05/11	83890	15:46:25 - 15:58:18	gap at KS
07/05/11	83890	15:58:53 - 16:12:49	gap at GS
07/05/11	83890	16:07:41 - 16:19:53	gap at CM
07/05/11	83891	18:17:20 - 18:29:54	gap at MM
07/05/11	83891	17:47:23 - 17:52:32	gap at MI
07/05/11	83891	17:24:18 - 17:37:03	gap at KS
07/05/11	83891	17:39:06 - 17:49:56	gap at GS
07/05/11	83891	17:49:02 - 17:56:15	gap at CM
07/05/11	83892	19:56:34 - 20:09:17	gap at MM
07/05/11	83892	19:00:51 - 19:05:59	gap at MA
07/05/11	83892	19:02:30 - 19:16:23	gap at KS
07/05/11	83892	20:16:02 - 20:30:39	gap at JO
07/05/11	83893	21:36:17 - 21:48:56	gap at MM
07/05/11	83893	20:34:25 - 20:48:06	gap at MA
07/05/11	83893	20:42:20 - 20:55:59	gap at KS
07/05/11	83893	21:56:01 - 22:08:39	gap at JO
07/05/11	83894	23:07:28 - 23:21:12	gap at HO
07/05/11	83894	23:16:50 - 23:28:50	gap at MM
07/05/11	83894	22:13:29 - 22:25:12	gap at MS
07/05/11	83894	22:17:25 - 22:26:22	gap at MA
07/05/11	83894	22:24:17 - 22:35:33	gap at KS
07/05/11	83895	23:52:23 - 00:04:55	gap at MS
08/05/11	83895	00:46:36 - 01:00:36	gap at HO
08/05/11	83895	00:58:26 - 01:08:58	gap at MM
08/05/11	83895	23:52:23 - 00:04:55	gap at MS
08/05/11	83895	00:09:39 - 00:14:06	gap at KS
08/05/11	83896	02:05:22 - 02:17:27	gap at BE
08/05/11	83896	02:41:03 - 02:49:22	gap at MM
08/05/11	83896	01:40:05 - 01:52:23	gap at GS
08/05/11	83896	02:18:02 - 02:28:05	gap at SG
08/05/11	83897	03:44:30 - 03:57:14	gap at BE
08/05/11	83897	04:24:08 - 04:30:20	gap at MM
08/05/11	83897	03:13:29 - 03:26:45	gap at MI
08/05/11	83897	03:18:25 - 03:32:09	gap at GS
08/05/11	83897	03:55:28 - 04:08:51	gap at SG
08/05/11	83897	03:13:31 - 03:24:03	gap at CM
08/05/11	83897	04:52:28 - 05:03:21	gap at CM
08/05/11	83898	06:06:26 - 06:12:31	gap at MM
08/05/11	83898	04:55:32 - 05:03:52	gap at MI
08/05/11	83899	07:47:27 - 07:55:35	gap at MM
08/05/11	83899	06:59:56 - 07:09:22	gap at KS



08/05/11	83899	07:25:23 - 07:39:11	gap at JO
08/05/11	83900	09:27:52 - 09:38:16	gap at MM
08/05/11	83900	08:39:22 - 08:52:30	gap at KS
08/05/11	83900	08:47:50 - 09:00:12	gap at MA
08/05/11	83900	09:04:35 - 09:18:25	gap at JO
08/05/11	83901	11:18:38 - 11:28:55	gap at HO
08/05/11	83901	11:08:01 - 11:19:57	gap at MM
08/05/11	83901	10:19:00 - 10:32:59	gap at KS
08/05/11	83901	10:27:01 - 10:39:07	gap at MA
08/05/11	83901	10:33:07 - 10:43:44	gap at MS
08/05/11	83902	12:56:33 - 13:11:22	gap at HO
08/05/11	83902	12:47:56 - 13:00:34	gap at MM
08/05/11	83902	11:58:27 - 12:11:47	gap at KS
08/05/11	83902	12:11:30 - 12:24:22	gap at MS
08/05/11	83903	14:36:49 - 14:48:20	gap at HO
08/05/11	83903	14:27:37 - 14:40:19	gap at MM
08/05/11	83903	13:37:27 - 13:49:36	gap at KS
08/05/11	83903	14:51:13 - 15:04:18	gap at SG
08/05/11	83904	15:01:41 - 15:13:56	gap at BE
08/05/11	83904	16:07:01 - 16:19:35	gap at MM
08/05/11	83904	15:33:42 - 15:46:45	gap at MI
08/05/11	83904	15:15:45 - 15:27:25	gap at KS
08/05/11	83904	15:27:43 - 15:41:23	gap at GS
08/05/11	83904	16:31:25 - 16:42:19	gap at SG
08/05/11	83904	15:37:12 - 15:47:51	gap at CM
08/05/11	83905	17:46:11 - 17:58:43	gap at MM
08/05/11	83905	17:14:05 - 17:24:13	gap at MI
08/05/11	83905	16:53:24 - 17:05:56	gap at KS
08/05/11	83905	17:07:26 - 17:19:54	gap at GS
08/05/11	83905	17:16:18 - 17:27:04	gap at CM
08/05/11	83906	19:25:21 - 19:38:01	gap at MM
08/05/11	83906	18:31:27 - 18:45:07	gap at KS
08/05/11	83906	19:45:27 - 19:58:33	gap at JO
08/05/11	83907	21:04:52 - 21:17:35	gap at MM
08/05/11	83907	20:03:38 - 20:17:06	gap at MA
08/05/11	83907	20:10:45 - 20:24:40	gap at KS
08/05/11	83907	21:24:11 - 21:38:31	gap at JO
08/05/11	83908	22:37:02 - 22:49:42	gap at HO
08/05/11	83908	22:45:08 - 22:57:25	gap at MM
08/05/11	83908	21:43:49 - 21:56:01	gap at MA
08/05/11	83908	21:51:58 - 22:04:17	gap at KS
08/05/11	83909	23:20:37 - 23:33:59	gap at MS
08/05/11	83909	23:35:56 - 23:43:27	gap at KS
09/05/11	83909	00:14:53 - 00:29:31	gap at HO
09/05/11	83909	00:26:23 - 00:37:28	gap at MM
09/05/11	83910	01:58:12 - 02:06:52	gap at HO
09/05/11	83910	02:08:43 - 02:17:46	gap at MM
09/05/11	83911	03:13:04 - 03:26:26	gap at BE

09/05/11	83911	03:51:46 - 03:58:30	gap at MM
09/05/11	83911	03:24:04 - 03:37:57	gap at SG
09/05/11	83912	04:54:04 - 05:02:21	gap at BE
09/05/11	83912	05:34:26 - 05:40:15	gap at MM
09/05/11	83912	04:22:26 - 04:34:09	gap at MI
09/05/11	83912	04:28:44 - 04:39:21	gap at GS
09/05/11	83913	07:15:48 - 07:23:11	gap at MM
09/05/11	83913	06:28:52 - 06:36:36	gap at KS
09/05/11	83913	06:55:33 - 07:07:10	gap at JO
09/05/11	83914	08:56:21 - 09:06:06	gap at MM
09/05/11	83914	08:08:04 - 08:20:28	gap at KS
09/05/11	83914	08:17:23 - 08:28:16	gap at MA
09/05/11	83914	08:32:45 - 08:47:38	gap at JO
09/05/11	83915	10:36:34 - 10:48:06	gap at MM
09/05/11	83915	09:55:44 - 10:08:50	gap at MA
09/05/11	83916	12:16:33 - 12:29:03	gap at MM
09/05/11	83917	13:56:19 - 14:09:03	gap at MM
09/05/11	83917	14:21:19 - 14:31:59	gap at SG
09/05/11	83918	14:29:49 - 14:43:02	gap at BE
09/05/11	83918	15:35:48 - 15:48:25	gap at MM
09/05/11	83918	14:56:46 - 15:09:28	gap at GS
09/05/11	83918	15:59:08 - 16:12:19	gap at SG
09/05/11	83918	15:07:58 - 15:14:27	gap at CM
09/05/11	83919	17:15:02 - 17:27:33	gap at MM
09/05/11	83919	16:35:56 - 16:49:25	gap at GS
09/05/11	83920	18:54:10 - 19:06:47	gap at MM
09/05/11	83920	18:16:57 - 18:24:37	gap at GS
09/05/11	83920	19:15:40 - 19:25:29	gap at JO
09/05/11	83921	20:33:32 - 20:46:16	gap at MM
09/05/11	83921	20:52:45 - 21:07:45	gap at JO
09/05/11	83922	22:07:17 - 22:18:02	gap at HO
09/05/11	83922	22:13:31 - 22:26:01	gap at MM
09/05/11	83922	22:34:29 - 22:43:00	gap at JO
09/05/11	83923	23:43:52 - 23:58:16	gap at HO
09/05/11	83923	23:54:26 - 00:06:00	gap at MM
09/05/11	83923	23:02:52 - 23:12:25	gap at KS
10/05/11	83923	23:54:26 - 00:06:00	gap at MM
10/05/11	83924	01:24:35 - 01:36:51	gap at HO
10/05/11	83924	01:36:27 - 01:46:13	gap at MM
10/05/11	83924	00:31:01 - 00:40:50	gap at MS
10/05/11	83925	02:41:53 - 02:55:09	gap at BE
10/05/11	83925	03:19:21 - 03:26:46	gap at MM
10/05/11	83925	02:53:18 - 03:06:25	gap at SG
10/05/11	83926	04:21:57 - 04:32:55	gap at BE
10/05/11	83926	05:02:18 - 05:08:07	gap at MM
10/05/11	83926	04:33:31 - 04:44:22	gap at SG
10/05/11	83927	06:44:04 - 06:50:46	gap at MM
10/05/11	83927	05:31:59 - 05:37:52	gap at CM

10/05/11	83927	06:26:57 - 06:34:15	gap at JO
10/05/11	83928	08:24:48 - 08:33:49	gap at MM
10/05/11	83928	08:01:32 - 08:16:28	gap at JO
10/05/11	83929	10:05:06 - 10:16:10	gap at MM
10/05/11	83929	09:43:15 - 09:53:58	gap at JO
10/05/11	83930	11:54:36 - 12:07:41	gap at HO
10/05/11	83930	11:45:09 - 11:57:26	gap at MM
10/05/11	83931	13:33:31 - 13:48:11	gap at HO
10/05/11	83931	13:24:59 - 13:37:42	gap at MM
10/05/11	83932	13:58:29 - 14:11:52	gap at BE
10/05/11	83932	15:14:42 - 15:22:49	gap at HO
10/05/11	83932	15:04:34 - 15:17:14	gap at MM
10/05/11	83932	14:33:37 - 14:41:23	gap at MI
10/05/11	83932	14:26:08 - 14:36:54	gap at GS
10/05/11	83932	15:27:38 - 15:41:31	gap at SG
10/05/11	83933	15:40:21 - 15:49:50	gap at BE
10/05/11	83933	16:43:52 - 16:56:24	gap at MM
10/05/11	83933	16:04:34 - 16:18:29	gap at GS
10/05/11	83934	18:23:00 - 18:35:35	gap at MM
10/05/11	83934	17:44:53 - 17:55:20	gap at GS
10/05/11	83935	20:02:15 - 20:14:58	gap at MM
10/05/11	83935	20:21:39 - 20:36:24	gap at JO
10/05/11	83936	21:42:00 - 21:54:38	gap at MM
10/05/11	83936	22:01:51 - 22:14:02	gap at JO
10/05/11	83937	23:12:57 - 23:26:55	gap at HO
10/05/11	83937	23:22:37 - 23:34:33	gap at MM
10/05/11	83937	22:23:31 - 22:31:48	gap at MA
10/05/11	83938	23:58:14 - 00:10:28	gap at MS
11/05/11	83938	00:52:26 - 01:06:12	gap at HO
11/05/11	83938	01:04:16 - 01:14:42	gap at MM
11/05/11	83938	00:15:56 - 00:19:32	gap at KS
11/05/11	83939	02:10:57 - 02:23:19	gap at BE
11/05/11	83939	02:46:56 - 02:55:07	gap at MM
11/05/11	83939	02:23:20 - 02:34:05	gap at SG
11/05/11	83940	03:50:14 - 04:02:46	gap at BE
11/05/11	83940	04:30:01 - 04:36:08	gap at MM
11/05/11	83940	04:01:15 - 04:14:24	gap at SG
11/05/11	83941	06:12:14 - 06:18:23	gap at MM
11/05/11	83941	05:01:47 - 05:09:04	gap at MI
11/05/11	83942	07:53:12 - 08:01:29	gap at MM
11/05/11	83942	07:30:53 - 07:44:57	gap at JO
11/05/11	83943	09:33:36 - 09:44:06	gap at MM
11/05/11	83943	09:10:26 - 09:23:57	gap at JO
11/05/11	83944	11:24:03 - 11:35:02	gap at HO
11/05/11	83944	11:13:44 - 11:25:43	gap at MM
11/05/11	83945	13:02:13 - 13:17:02	gap at HO
11/05/11	83945	12:53:38 - 13:06:17	gap at MM
11/05/11	83946	14:42:36 - 14:53:07	gap at HO

11/05/11	83946	14:33:18 - 14:46:00	gap at MM
11/05/11	83946	13:56:17 - 14:03:15	gap at GS
11/05/11	83947	15:07:33 - 15:19:31	gap at BE
11/05/11	83947	16:12:41 - 16:25:15	gap at MM
11/05/11	83947	15:33:22 - 15:47:08	gap at GS
11/05/11	83948	17:51:51 - 18:04:24	gap at MM
11/05/11	83948	17:13:10 - 17:25:24	gap at GS
11/05/11	83949	19:31:02 - 19:43:42	gap at MM
11/05/11	83949	19:50:58 - 20:04:27	gap at JO
11/05/11	83950	21:10:35 - 21:23:17	gap at MM
11/05/11	83950	21:29:56 - 21:44:03	gap at JO
11/05/11	83951	22:42:32 - 22:55:26	gap at HO
11/05/11	83951	22:50:53 - 23:03:08	gap at MM
11/05/11	83952	23:26:20 - 23:39:37	gap at MS
11/05/11	83952	23:42:00 - 23:49:04	gap at KS
12/05/11	83952	00:20:34 - 00:35:12	gap at HO
12/05/11	83952	00:32:12 - 00:43:12	gap at MM
12/05/11	83953	02:04:47 - 02:12:07	gap at HO
12/05/11	83953	02:14:35 - 02:23:31	gap at MM
12/05/11	83954	03:18:46 - 03:32:04	gap at BE
12/05/11	83954	03:57:39 - 04:04:17	gap at MM
12/05/11	83954	03:29:44 - 03:43:37	gap at SG
12/05/11	83955	05:40:16 - 05:46:06	gap at MM
12/05/11	83955	04:28:21 - 04:39:38	gap at MI
12/05/11	83956	07:21:33 - 07:29:05	gap at MM
12/05/11	83956	07:00:55 - 07:13:02	gap at JO
12/05/11	83957	09:02:05 - 09:11:57	gap at MM
12/05/11	83957	08:22:51 - 08:34:14	gap at MA
12/05/11	83957	08:38:30 - 08:53:16	gap at JO
12/05/11	83958	10:42:17 - 10:53:54	gap at MM
12/05/11	83958	10:08:38 - 10:16:14	gap at MS
12/05/11	83959	12:22:16 - 12:34:47	gap at MM
12/05/11	83959	11:42:55 - 11:49:28	gap at MA
12/05/11	83960	12:57:21 - 13:08:49	gap at BE
12/05/11	83960	14:02:00 - 14:14:44	gap at MM
12/05/11	83960	14:26:40 - 14:37:56	gap at SG
12/05/11	83961	14:35:34 - 14:48:41	gap at BE
12/05/11	83961	15:41:29 - 15:54:05	gap at MM
12/05/11	83961	15:02:22 - 15:15:18	gap at GS
12/05/11	83961	16:04:56 - 16:17:51	gap at SG
12/05/11	83961	15:13:06 - 15:20:43	gap at CM
12/05/11	83962	17:20:42 - 17:33:13	gap at MM
12/05/11	83962	16:41:39 - 16:54:59	gap at GS
12/05/11	83963	18:59:50 - 19:12:28	gap at MM
12/05/11	83963	18:22:50 - 18:29:51	gap at GS
12/05/11	83963	19:20:59 - 19:31:36	gap at JO
12/05/11	83964	20:39:14 - 20:51:58	gap at MM
12/05/11	83964	20:58:26 - 21:13:23	gap at JO

12/05/11	83965	22:12:38 - 22:23:50	gap at HO
12/05/11	83965	22:19:16 - 22:31:43	gap at MM
12/05/11	83965	22:40:35 - 22:48:04	gap at JO
12/05/11	83966	23:49:30 - 00:03:57	gap at HO
12/05/11	83966	23:08:51 - 23:18:04	gap at KS
13/05/11	83966	23:49:30 - 00:03:57	gap at HO
13/05/11	83966	00:00:14 - 00:11:43	gap at MM
13/05/11	83967	01:30:34 - 01:42:23	gap at HO
13/05/11	83967	01:42:18 - 01:51:57	gap at MM
13/05/11	83967	00:37:08 - 00:46:10	gap at MS
13/05/11	83968	02:47:32 - 03:00:53	gap at BE
13/05/11	83968	03:25:14 - 03:32:32	gap at MM
13/05/11	83969	04:27:45 - 04:38:20	gap at BE
13/05/11	83969	05:08:09 - 05:13:56	gap at MM
13/05/11	83969	04:39:30 - 04:49:41	gap at SG
13/05/11	83970	06:49:50 - 06:56:40	gap at MM
13/05/11	83970	05:38:35 - 05:42:40	gap at CM
13/05/11	83970	06:31:59 - 06:40:22	gap at JO
13/05/11	83971	08:30:32 - 08:39:42	gap at MM
13/05/11	83971	08:07:10 - 08:22:10	gap at JO
13/05/11	83972	10:10:49 - 10:21:59	gap at MM
13/05/11	83972	09:49:22 - 09:59:18	gap at JO
13/05/11	83973	12:00:13 - 12:13:34	gap at HO
13/05/11	83973	11:50:52 - 12:03:11	gap at MM
13/05/11	83973	11:10:48 - 11:20:04	gap at MA
13/05/11	83974	13:39:14 - 13:53:43	gap at HO
13/05/11	83974	13:30:41 - 13:43:24	gap at MM
13/05/11	83975	14:04:08 - 14:17:33	gap at BE
13/05/11	83975	15:20:34 - 15:28:10	gap at HO
13/05/11	83975	15:10:15 - 15:22:54	gap at MM
13/05/11	83975	14:38:51 - 14:47:34	gap at MI
13/05/11	83975	14:31:40 - 14:42:40	gap at GS
13/05/11	83975	15:33:19 - 15:47:10	gap at SG
13/05/11	83976	15:46:27 - 15:55:15	gap at BE
13/05/11	83976	16:49:32 - 17:02:04	gap at MM
13/05/11	83976	16:10:16 - 16:24:09	gap at GS
13/05/11	83977	18:28:40 - 18:41:15	gap at MM
13/05/11	83977	17:50:41 - 18:00:43	gap at GS
13/05/11	83978	20:07:56 - 20:20:40	gap at MM
13/05/11	83978	20:27:16 - 20:42:09	gap at JO
13/05/11	83979	21:47:44 - 22:00:21	gap at MM
13/05/11	83979	22:07:43 - 22:19:24	gap at JO
13/05/11	83980	23:18:30 - 23:32:38	gap at HO
13/05/11	83980	23:28:23 - 23:40:16	gap at MM
13/05/11	83980	22:24:27 - 22:36:47	gap at MS
13/05/11	83980	22:29:42 - 22:37:10	gap at MA
14/05/11	83981	00:58:16 - 01:11:47	gap at HO
14/05/11	83981	01:10:07 - 01:20:25	gap at MM

14/05/11	83981	00:04:07 - 00:16:00	gap at MS
14/05/11	83981	00:22:22 - 00:24:51	gap at KS
14/05/11	83982	02:16:33 - 02:29:09	gap at BE
14/05/11	83982	02:52:50 - 03:00:52	gap at MM
14/05/11	83982	02:28:42 - 02:40:03	gap at SG
14/05/11	83983	03:55:58 - 04:08:18	gap at BE
14/05/11	83983	04:35:54 - 04:41:56	gap at MM
14/05/11	83983	04:07:03 - 04:19:55	gap at SG
14/05/11	83984	06:18:02 - 06:24:16	gap at MM
14/05/11	83984	05:08:10 - 05:14:07	gap at MI
14/05/11	83985	07:58:57 - 08:07:22	gap at MM
14/05/11	83985	07:36:25 - 07:50:43	gap at JO
14/05/11	83986	09:39:20 - 09:49:57	gap at MM
14/05/11	83986	09:16:19 - 09:29:29	gap at JO
14/05/11	83987	11:19:27 - 11:31:30	gap at MM
14/05/11	83987	10:38:24 - 10:50:09	gap at MA
14/05/11	83987	10:44:06 - 10:55:38	gap at MS
14/05/11	83988	12:59:20 - 13:12:00	gap at MM
14/05/11	83988	12:23:00 - 12:35:28	gap at MS
14/05/11	83989	14:48:25 - 14:58:21	gap at HO
14/05/11	83989	14:38:59 - 14:51:41	gap at MM
14/05/11	83989	14:01:36 - 14:09:31	gap at GS
14/05/11	83989	15:02:19 - 15:15:51	gap at SG
14/05/11	83990	15:13:27 - 15:25:05	gap at BE
14/05/11	83990	16:18:21 - 16:30:55	gap at MM
14/05/11	83990	15:39:02 - 15:52:52	gap at GS
14/05/11	83990	16:43:27 - 16:52:55	gap at SG
14/05/11	83991	17:57:31 - 18:10:04	gap at MM
14/05/11	83991	17:18:55 - 17:30:53	gap at GS
14/05/11	83991	17:28:03 - 17:37:52	gap at CM
14/05/11	83992	19:36:42 - 19:49:23	gap at MM
14/05/11	83992	19:56:31 - 20:10:19	gap at JO
14/05/11	83993	21:16:17 - 21:28:59	gap at MM
14/05/11	83993	21:35:43 - 21:49:33	gap at JO
14/05/11	83994	22:48:03 - 23:01:09	gap at HO
14/05/11	83994	22:56:39 - 23:08:50	gap at MM
14/05/11	83994	21:54:32 - 22:04:43	gap at MS
14/05/11	83995	23:32:05 - 23:45:15	gap at MS
14/05/11	83995	23:48:06 - 23:54:40	gap at KS
15/05/11	83995	00:26:14 - 00:40:52	gap at HO
15/05/11	83995	00:38:01 - 00:48:55	gap at MM
15/05/11	83996	01:45:58 - 01:56:45	gap at BE
15/05/11	83996	02:20:28 - 02:29:15	gap at MM
15/05/11	83997	03:24:28 - 03:37:42	gap at BE
15/05/11	83997	04:03:32 - 04:10:04	gap at MM
15/05/11	83997	03:35:25 - 03:49:16	gap at SG
15/05/11	83998	05:46:05 - 05:51:58	gap at MM
15/05/11	83998	04:34:18 - 04:45:06	gap at MI

15/05/11	83999	07:27:19 - 07:34:58	gap at MM
15/05/11	83999	07:06:18 - 07:18:53	gap at JO
15/05/11	84000	09:07:49 - 09:17:48	gap at MM
15/05/11	84000	08:28:21 - 08:40:10	gap at MA
15/05/11	84000	08:44:15 - 08:58:53	gap at JO
15/05/11	84001	10:48:00 - 10:59:42	gap at MM
15/05/11	84002	12:27:58 - 12:40:31	gap at MM
15/05/11	84002	11:48:56 - 11:54:34	gap at MA
15/05/11	84003	14:16:36 - 14:29:24	gap at HO
15/05/11	84003	14:07:42 - 14:20:25	gap at MM
15/05/11	84003	14:32:04 - 14:43:51	gap at SG
15/05/11	84004	14:41:20 - 14:54:19	gap at BE
15/05/11	84004	15:47:09 - 15:59:45	gap at MM
15/05/11	84004	15:07:59 - 15:21:08	gap at GS
15/05/11	84004	16:10:46 - 16:23:21	gap at SG
15/05/11	84005	17:26:22 - 17:38:53	gap at MM
15/05/11	84005	16:47:22 - 17:00:33	gap at GS
15/05/11	84005	16:56:00 - 17:07:51	gap at CM
15/05/11	84006	19:05:30 - 19:18:09	gap at MM
15/05/11	84006	19:26:22 - 19:37:40	gap at JO
15/05/11	84007	20:44:55 - 20:57:39	gap at MM
15/05/11	84007	19:44:18 - 19:56:44	gap at MA
15/05/11	84007	21:04:08 - 21:19:00	gap at JO
15/05/11	84008	22:18:01 - 22:29:37	gap at HO
15/05/11	84008	22:25:00 - 22:37:26	gap at MM
15/05/11	84008	22:46:48 - 22:53:00	gap at JO
15/05/11	84009	23:55:08 - 00:09:38	gap at HO
15/05/11	84009	23:14:51 - 23:23:44	gap at KS
16/05/11	84009	23:55:08 - 00:09:38	gap at HO
16/05/11	84009	00:06:03 - 00:17:27	gap at MM
16/05/11	84010	01:36:27 - 01:47:54	gap at HO
16/05/11	84010	01:48:10 - 01:57:41	gap at MM
16/05/11	84010	00:43:20 - 00:51:26	gap at MS
16/05/11	84011	02:53:12 - 03:06:35	gap at BE
16/05/11	84011	03:31:08 - 03:38:18	gap at MM
16/05/11	84011	03:04:24 - 03:17:57	gap at SG
16/05/11	84012	04:33:34 - 04:43:43	gap at BE
16/05/11	84012	05:14:00 - 05:19:47	gap at MM
16/05/11	84012	04:45:33 - 04:54:56	gap at SG
16/05/11	84013	06:55:37 - 07:02:33	gap at MM
16/05/11	84013	06:37:08 - 06:46:24	gap at JO
16/05/11	84014	08:36:16 - 08:45:34	gap at MM
16/05/11	84014	08:12:49 - 08:27:51	gap at JO
16/05/11	84015	10:16:33 - 10:27:47	gap at MM
16/05/11	84015	09:55:33 - 10:04:34	gap at JO
16/05/11	84016	11:56:35 - 12:08:56	gap at MM
16/05/11	84016	11:16:39 - 11:25:26	gap at MA
16/05/11	84017	13:36:23 - 13:49:06	gap at MM

16/05/11	84017	13:00:48 - 13:10:49	gap at MS
16/05/11	84017	14:03:05 - 14:10:40	gap at SG
16/05/11	84018	14:09:49 - 14:23:14	gap at BE
16/05/11	84018	15:15:55 - 15:28:34	gap at MM
16/05/11	84018	14:37:13 - 14:48:09	gap at GS
16/05/11	84019	15:52:36 - 16:00:37	gap at BE
16/05/11	84019	16:55:12 - 17:07:44	gap at MM
16/05/11	84019	16:15:57 - 16:29:47	gap at GS
16/05/11	84020	18:34:20 - 18:46:55	gap at MM
16/05/11	84020	17:56:30 - 18:06:04	gap at GS
16/05/11	84020	18:08:27 - 18:10:30	gap at CM
16/05/11	84021	20:13:37 - 20:26:21	gap at MM
16/05/11	84021	20:32:55 - 20:47:52	gap at JO
16/05/11	84022	21:48:52 - 21:57:36	gap at HO
16/05/11	84022	21:53:27 - 22:06:03	gap at MM
16/05/11	84023	23:24:07 - 23:38:20	gap at HO
16/05/11	84023	23:34:10 - 23:45:59	gap at MM
16/05/11	84023	22:35:59 - 22:42:28	gap at MA
17/05/11	84024	01:04:05 - 01:17:23	gap at HO
17/05/11	84024	01:15:58 - 01:26:09	gap at MM
17/05/11	84025	02:22:10 - 02:34:58	gap at BE
17/05/11	84025	02:58:43 - 03:06:37	gap at MM
17/05/11	84025	02:34:07 - 02:45:57	gap at SG
17/05/11	84026	04:01:44 - 04:13:48	gap at BE
17/05/11	84026	04:41:46 - 04:47:44	gap at MM
17/05/11	84026	03:30:25 - 03:43:48	gap at MI
17/05/11	84027	06:23:49 - 06:30:10	gap at MM
17/05/11	84027	05:14:50 - 05:18:54	gap at MI
17/05/11	84028	08:04:42 - 08:13:15	gap at MM
17/05/11	84028	07:41:58 - 07:56:28	gap at JO
17/05/11	84029	09:45:04 - 09:55:47	gap at MM
17/05/11	84029	09:22:15 - 09:34:58	gap at JO
17/05/11	84030	11:35:04 - 11:47:07	gap at HO
17/05/11	84030	11:25:10 - 11:37:16	gap at MM
17/05/11	84030	10:44:09 - 10:55:39	gap at MA
17/05/11	84031	13:13:35 - 13:28:24	gap at HO
17/05/11	84031	13:05:02 - 13:17:43	gap at MM
17/05/11	84032	14:54:14 - 15:03:43	gap at HO
17/05/11	84032	14:44:40 - 14:57:22	gap at MM
17/05/11	84032	14:06:59 - 14:15:41	gap at GS
17/05/11	84033	15:19:22 - 15:30:37	gap at BE
17/05/11	84033	16:24:01 - 16:36:35	gap at MM
17/05/11	84033	15:44:42 - 15:58:35	gap at GS
17/05/11	84034	18:03:11 - 18:15:44	gap at MM
17/05/11	84034	17:31:58 - 17:39:59	gap at MI
17/05/11	84034	17:24:41 - 17:36:21	gap at GS
17/05/11	84034	17:33:59 - 17:43:12	gap at CM
17/05/11	84035	19:42:23 - 19:55:04	gap at MM



17/05/11	84035	18:47:33 - 18:51:43	gap at MA
17/05/11	84035	20:02:04 - 20:16:09	gap at JO
17/05/11	84036	21:22:00 - 21:34:41	gap at MM
17/05/11	84036	21:41:29 - 21:55:02	gap at JO
17/05/11	84037	22:53:39 - 23:06:53	gap at HO
17/05/11	84037	23:02:24 - 23:14:33	gap at MM
17/05/11	84038	23:37:51 - 23:50:54	gap at MS
17/05/11	84038	23:54:12 - 00:00:16	gap at KS
18/05/11	84038	00:32:01 - 00:46:32	gap at HO
18/05/11	84038	00:43:51 - 00:54:39	gap at MM
18/05/11	84038	23:54:12 - 00:00:16	gap at KS
18/05/11	84039	01:51:29 - 02:02:42	gap at BE
18/05/11	84039	02:26:21 - 02:35:00	gap at MM
18/05/11	84039	02:05:04 - 02:12:46	gap at SG
18/05/11	84040	03:30:11 - 03:43:18	gap at BE
18/05/11	84040	04:09:26 - 04:15:51	gap at MM
18/05/11	84041	05:51:54 - 05:57:50	gap at MM
18/05/11	84041	04:40:18 - 04:50:31	gap at MI
18/05/11	84042	07:33:04 - 07:40:52	gap at MM
18/05/11	84042	07:11:43 - 07:24:42	gap at JO
18/05/11	84043	09:13:33 - 09:23:39	gap at MM
18/05/11	84043	08:33:56 - 08:46:05	gap at MA
18/05/11	84043	08:50:02 - 09:04:29	gap at JO
18/05/11	84044	11:05:10 - 11:13:57	gap at HO
18/05/11	84044	10:53:43 - 11:05:29	gap at MM
18/05/11	84045	12:42:26 - 12:57:09	gap at HO
18/05/11	84045	12:33:41 - 12:46:15	gap at MM
18/05/11	84045	11:55:05 - 11:59:33	gap at MA
18/05/11	84046	14:22:22 - 14:34:55	gap at HO
18/05/11	84046	14:13:23 - 14:26:07	gap at MM
18/05/11	84046	14:37:30 - 14:49:44	gap at SG
18/05/11	84047	14:47:07 - 14:59:56	gap at BE
18/05/11	84047	15:52:50 - 16:05:25	gap at MM
18/05/11	84047	15:13:37 - 15:26:57	gap at GS
18/05/11	84047	16:16:37 - 16:28:49	gap at SG
18/05/11	84048	17:32:02 - 17:44:33	gap at MM
18/05/11	84048	16:53:05 - 17:06:06	gap at GS
18/05/11	84049	19:11:10 - 19:23:49	gap at MM
18/05/11	84049	19:31:47 - 19:43:41	gap at JO
18/05/11	84050	20:50:37 - 21:03:21	gap at MM
18/05/11	84050	21:09:51 - 21:24:36	gap at JO
18/05/11	84051	22:23:26 - 22:35:22	gap at HO
18/05/11	84051	22:30:45 - 22:43:08	gap at MM
18/05/11	84052	23:06:23 - 23:19:51	gap at MS
18/05/11	84052	23:20:51 - 23:29:22	gap at KS
19/05/11	84052	00:00:48 - 00:15:19	gap at HO
19/05/11	84052	00:11:51 - 00:23:10	gap at MM
19/05/11	84053	01:42:37 - 01:53:25	gap at HO

19/05/11	84053	01:54:02 - 02:03:26	gap at MM
19/05/11	84053	00:49:39 - 00:56:35	gap at MS
19/05/11	84054	02:58:52 - 03:12:17	gap at BE
19/05/11	84054	03:37:02 - 03:44:04	gap at MM
19/05/11	84055	04:39:23 - 04:49:05	gap at BE
19/05/11	84055	05:19:51 - 05:25:37	gap at MM
19/05/11	84055	04:51:40 - 05:00:07	gap at SG
19/05/11	84056	07:01:23 - 07:08:27	gap at MM
19/05/11	84056	06:42:20 - 06:52:23	gap at JO
19/05/11	84057	08:42:01 - 08:51:26	gap at MM
19/05/11	84057	08:18:30 - 08:33:31	gap at JO
19/05/11	84058	10:22:16 - 10:33:36	gap at MM
19/05/11	84058	10:01:51 - 10:09:44	gap at JO
19/05/11	84059	12:11:28 - 12:25:18	gap at HO
19/05/11	84059	12:02:17 - 12:14:41	gap at MM
19/05/11	84059	11:22:31 - 11:30:54	gap at MA
19/05/11	84059	11:25:59 - 11:39:12	gap at MS
19/05/11	84060	13:50:40 - 14:04:56	gap at HO
19/05/11	84060	13:42:05 - 13:54:48	gap at MM
19/05/11	84060	13:06:41 - 13:16:08	gap at MS
19/05/11	84060	14:08:11 - 14:16:52	gap at SG
19/05/11	84061	14:15:30 - 14:28:54	gap at BE
19/05/11	84061	15:21:36 - 15:34:15	gap at MM
19/05/11	84061	14:42:47 - 14:53:37	gap at GS
19/05/11	84062	15:58:50 - 16:05:54	gap at BE
19/05/11	84062	17:00:52 - 17:13:24	gap at MM
19/05/11	84062	16:21:39 - 16:35:25	gap at GS
19/05/11	84063	18:40:00 - 18:52:36	gap at MM
19/05/11	84063	18:02:19 - 18:11:24	gap at GS
19/05/11	84063	19:02:44 - 19:09:46	gap at JO
19/05/11	84064	20:19:19 - 20:32:02	gap at MM
19/05/11	84064	20:38:34 - 20:53:34	gap at JO
19/05/11	84065	21:54:05 - 22:03:28	gap at HO
19/05/11	84065	21:59:11 - 22:11:45	gap at MM
19/05/11	84065	22:19:31 - 22:30:01	gap at JO
19/05/11	84066	23:29:43 - 23:44:02	gap at HO
19/05/11	84066	23:39:58 - 23:51:42	gap at MM
19/05/11	84066	22:35:31 - 22:48:18	gap at MS
19/05/11	84066	22:42:26 - 22:47:40	gap at MA
20/05/11	84067	01:09:53 - 01:22:58	gap at HO
20/05/11	84067	01:21:48 - 01:31:53	gap at MM
20/05/11	84068	02:27:47 - 02:40:45	gap at BE
20/05/11	84068	03:04:37 - 03:12:22	gap at MM
20/05/11	84068	02:39:33 - 02:51:50	gap at SG
20/05/11	84069	04:07:29 - 04:19:17	gap at BE
20/05/11	84069	04:47:38 - 04:53:33	gap at MM
20/05/11	84070	06:29:36 - 06:36:03	gap at MM
20/05/11	84070	05:16:24 - 05:24:57	gap at CM

20/05/11	84071	08:10:26 - 08:19:08	gap at MM
20/05/11	84071	07:47:32 - 08:02:11	gap at JO
20/05/11	84072	09:50:47 - 10:01:36	gap at MM
20/05/11	84072	09:28:12 - 09:40:27	gap at JO
20/05/11	84073	11:30:53 - 11:43:02	gap at MM
20/05/11	84073	10:49:55 - 11:01:07	gap at MA
20/05/11	84074	13:10:44 - 13:23:26	gap at MM
20/05/11	84075	15:00:05 - 15:09:12	gap at HO
20/05/11	84075	14:50:21 - 15:03:03	gap at MM
20/05/11	84075	14:12:25 - 14:21:48	gap at GS
20/05/11	84075	15:13:31 - 15:27:18	gap at SG
20/05/11	84076	15:25:19 - 15:36:09	gap at BE
20/05/11	84076	16:29:42 - 16:42:15	gap at MM
20/05/11	84076	15:50:22 - 16:04:18	gap at GS
20/05/11	84076	16:55:47 - 17:03:12	gap at SG
20/05/11	84077	18:08:51 - 18:21:24	gap at MM
20/05/11	84077	17:38:02 - 17:45:06	gap at MI
20/05/11	84077	17:30:27 - 17:41:48	gap at GS
20/05/11	84077	17:39:57 - 17:48:29	gap at CM
20/05/11	84078	19:48:03 - 20:00:45	gap at MM
20/05/11	84078	18:53:07 - 18:57:26	gap at MA
20/05/11	84078	20:07:39 - 20:21:58	gap at JO
20/05/11	84079	21:27:43 - 21:40:23	gap at MM
20/05/11	84079	21:47:17 - 22:00:30	gap at JO
20/05/11	84080	22:59:14 - 23:12:37	gap at HO
20/05/11	84080	23:08:11 - 23:20:16	gap at MM
20/05/11	84081	23:43:39 - 23:56:31	gap at MS
21/05/11	84081	00:37:54 - 00:52:11	gap at HO
21/05/11	84081	00:49:41 - 01:00:22	gap at MM
21/05/11	84081	00:00:21 - 00:05:49	gap at KS
21/05/11	84082	01:57:01 - 02:08:38	gap at BE
21/05/11	84082	02:32:14 - 02:40:45	gap at MM
21/05/11	84083	03:35:54 - 03:48:53	gap at BE
21/05/11	84083	04:15:19 - 04:21:38	gap at MM
21/05/11	84084	05:57:43 - 06:03:42	gap at MM
21/05/11	84084	04:46:21 - 04:55:54	gap at MI
21/05/11	84085	07:38:49 - 07:46:45	gap at MM
21/05/11	84085	07:17:10 - 07:30:30	gap at JO
21/05/11	84086	09:19:17 - 09:29:30	gap at MM
21/05/11	84086	08:55:50 - 09:10:04	gap at JO
21/05/11	84087	10:59:27 - 11:11:16	gap at MM
21/05/11	84088	12:39:23 - 12:51:59	gap at MM
21/05/11	84089	14:28:08 - 14:40:10	gap at HO
21/05/11	84089	14:19:05 - 14:31:48	gap at MM
21/05/11	84089	14:42:58 - 14:55:35	gap at SG
21/05/11	84090	14:52:56 - 15:05:33	gap at BE
21/05/11	84090	15:58:30 - 16:11:05	gap at MM
21/05/11	84090	15:19:15 - 15:32:44	gap at GS

21/05/11	84090	16:22:31 - 16:34:15	gap at SG
21/05/11	84091	17:37:41 - 17:50:13	gap at MM
21/05/11	84091	16:58:49 - 17:11:38	gap at GS
21/05/11	84092	19:16:51 - 19:29:30	gap at MM
21/05/11	84092	19:37:14 - 19:49:39	gap at JO
21/05/11	84093	20:56:19 - 21:09:03	gap at MM
21/05/11	84093	21:15:35 - 21:30:11	gap at JO
21/05/11	84094	22:28:52 - 22:41:06	gap at HO
21/05/11	84094	22:36:30 - 22:48:51	gap at MM
21/05/11	84095	23:26:52 - 23:35:01	gap at KS
22/05/11	84095	00:06:25 - 00:21:00	gap at HO
22/05/11	84095	00:17:40 - 00:28:53	gap at MM
22/05/11	84096	01:48:58 - 01:58:53	gap at HO
22/05/11	84096	01:59:54 - 02:09:10	gap at MM
22/05/11	84097	03:04:32 - 03:17:57	gap at BE
22/05/11	84097	03:42:55 - 03:49:50	gap at MM
22/05/11	84098	04:45:15 - 04:54:25	gap at BE
22/05/11	84098	05:25:41 - 05:31:28	gap at MM
22/05/11	84098	04:57:53 - 05:05:11	gap at SG
22/05/11	84099	07:07:09 - 07:14:21	gap at MM
22/05/11	84099	06:47:35 - 06:58:19	gap at JO
22/05/11	84100	08:47:45 - 08:57:18	gap at MM
22/05/11	84100	08:24:11 - 08:39:11	gap at JO
22/05/11	84101	10:27:59 - 10:39:24	gap at MM
22/05/11	84101	10:08:17 - 10:14:45	gap at JO
22/05/11	84102	12:08:00 - 12:20:26	gap at MM
22/05/11	84102	11:28:24 - 11:36:24	gap at MA
22/05/11	84103	13:56:25 - 14:10:23	gap at HO
22/05/11	84103	13:47:46 - 14:00:30	gap at MM
22/05/11	84103	13:12:35 - 13:21:24	gap at MS
22/05/11	84103	14:13:23 - 14:22:58	gap at SG
22/05/11	84104	14:21:13 - 14:34:34	gap at BE
22/05/11	84104	15:27:17 - 15:39:55	gap at MM
22/05/11	84104	14:48:22 - 15:00:39	gap at GS
22/05/11	84105	16:05:11 - 16:11:05	gap at BE
22/05/11	84105	17:06:32 - 17:19:04	gap at MM
22/05/11	84105	16:27:22 - 16:41:01	gap at GS
22/05/11	84106	18:45:40 - 18:58:16	gap at MM
22/05/11	84106	18:08:09 - 18:16:43	gap at GS
22/05/11	84106	19:07:49 - 19:16:08	gap at JO
22/05/11	84107	20:25:00 - 20:37:44	gap at MM
22/05/11	84107	20:44:14 - 20:59:15	gap at JO
22/05/11	84108	22:04:55 - 22:17:27	gap at MM
22/05/11	84108	22:25:28 - 22:35:15	gap at JO
22/05/11	84109	23:35:21 - 23:49:44	gap at HO
22/05/11	84109	23:45:45 - 23:57:25	gap at MM
23/05/11	84110	01:15:43 - 01:28:32	gap at HO
23/05/11	84110	01:27:40 - 01:37:37	gap at MM

23/05/11	84111	02:33:25 - 02:46:32	gap at BE
23/05/11	84111	03:10:30 - 03:18:08	gap at MM
23/05/11	84111	03:40:59 - 03:53:02	gap at CM
23/05/11	84112	04:13:16 - 04:24:45	gap at BE
23/05/11	84112	04:53:30 - 04:59:22	gap at MM
23/05/11	84113	06:35:23 - 06:41:56	gap at MM
23/05/11	84113	05:49:59 - 05:52:29	gap at KS
23/05/11	84113	05:22:33 - 05:30:13	gap at CM
23/05/11	84114	08:16:11 - 08:25:00	gap at MM
23/05/11	84114	07:53:07 - 08:07:55	gap at JO
23/05/11	84115	09:56:31 - 10:07:26	gap at MM
23/05/11	84115	09:34:11 - 09:45:53	gap at JO
23/05/11	84116	11:36:35 - 11:48:48	gap at MM
23/05/11	84116	10:55:42 - 11:06:34	gap at MA
23/05/11	84117	13:16:26 - 13:29:08	gap at MM
23/05/11	84118	15:05:55 - 15:14:40	gap at HO
23/05/11	84118	14:56:02 - 15:08:43	gap at MM
23/05/11	84118	14:17:53 - 14:27:53	gap at GS
23/05/11	84119	15:31:18 - 15:41:39	gap at BE
23/05/11	84119	16:35:22 - 16:47:54	gap at MM
23/05/11	84119	15:56:03 - 16:09:59	gap at GS
23/05/11	84120	18:14:30 - 18:27:04	gap at MM
23/05/11	84120	17:44:13 - 17:50:06	gap at MI
23/05/11	84120	17:36:13 - 17:47:13	gap at GS
23/05/11	84120	17:45:59 - 17:53:41	gap at CM
23/05/11	84121	19:53:44 - 20:06:26	gap at MM
23/05/11	84121	18:58:20 - 19:03:08	gap at MA
23/05/11	84121	20:13:14 - 20:27:45	gap at JO
23/05/11	84122	21:33:26 - 21:46:05	gap at MM
23/05/11	84122	21:53:06 - 22:05:56	gap at JO
23/05/11	84123	23:04:43 - 23:18:21	gap at HO
23/05/11	84123	23:13:57 - 23:25:59	gap at MM
23/05/11	84124	23:49:28 - 00:02:08	gap at MS
24/05/11	84124	00:43:42 - 00:57:48	gap at HO
24/05/11	84124	00:55:31 - 01:06:06	gap at MM
24/05/11	84124	00:06:32 - 00:11:21	gap at KS
24/05/11	84125	02:02:35 - 02:14:31	gap at BE
24/05/11	84125	02:38:07 - 02:46:30	gap at MM
24/05/11	84126	03:41:38 - 03:54:27	gap at BE
24/05/11	84126	04:21:12 - 04:27:26	gap at MM
24/05/11	84127	06:03:31 - 06:09:34	gap at MM
24/05/11	84127	04:52:27 - 05:01:14	gap at MI
24/05/11	84128	07:44:35 - 07:52:39	gap at MM
24/05/11	84128	07:22:38 - 07:36:18	gap at JO
24/05/11	84129	09:25:01 - 09:35:21	gap at MM
24/05/11	84129	08:45:29 - 08:57:50	gap at MA
24/05/11	84129	09:01:39 - 09:15:38	gap at JO
24/05/11	84130	11:05:10 - 11:17:03	gap at MM

24/05/11	84131	12:45:05 - 12:57:42	gap at MM
24/05/11	84132	14:33:55 - 14:45:36	gap at HO
24/05/11	84132	14:24:46 - 14:37:29	gap at MM
24/05/11	84132	14:48:28 - 15:01:24	gap at SG
24/05/11	84133	14:58:46 - 15:11:09	gap at BE
24/05/11	84133	16:04:10 - 16:16:45	gap at MM
24/05/11	84133	15:24:54 - 15:38:30	gap at GS
24/05/11	84133	16:28:26 - 16:39:39	gap at SG
24/05/11	84134	17:43:21 - 17:55:53	gap at MM
24/05/11	84134	17:04:33 - 17:17:09	gap at GS
24/05/11	84135	19:22:31 - 19:35:11	gap at MM
24/05/11	84135	19:42:42 - 19:55:36	gap at JO
24/05/11	84136	21:02:01 - 21:14:44	gap at MM
24/05/11	84136	21:21:19 - 21:35:45	gap at JO
24/05/11	84137	22:34:19 - 22:46:50	gap at HO
24/05/11	84137	22:42:15 - 22:54:34	gap at MM
24/05/11	84138	23:32:55 - 23:40:39	gap at KS
25/05/11	84138	00:12:03 - 00:26:41	gap at HO
25/05/11	84138	00:23:28 - 00:34:37	gap at MM
25/05/11	84139	01:55:11 - 02:04:13	gap at HO
25/05/11	84139	02:05:46 - 02:14:54	gap at MM
25/05/11	84140	03:10:14 - 03:23:37	gap at BE
25/05/11	84140	03:48:49 - 03:55:37	gap at MM
25/05/11	84140	03:21:15 - 03:35:06	gap at SG
25/05/11	84141	04:51:07 - 04:59:43	gap at BE
25/05/11	84141	05:31:31 - 05:37:19	gap at MM
25/05/11	84142	07:12:55 - 07:20:14	gap at MM
25/05/11	84142	06:52:53 - 07:04:14	gap at JO
25/05/11	84143	08:53:29 - 09:03:10	gap at MM
25/05/11	84143	08:29:54 - 08:44:49	gap at JO
25/05/11	84144	10:33:42 - 10:45:13	gap at MM
25/05/11	84145	12:13:42 - 12:26:11	gap at MM
25/05/11	84145	11:34:12 - 11:41:40	gap at MA
25/05/11	84146	13:53:28 - 14:06:12	gap at MM
25/05/11	84146	13:18:32 - 13:26:38	gap at MS
25/05/11	84146	14:18:39 - 14:28:59	gap at SG
25/05/11	84147	14:26:56 - 14:40:13	gap at BE
25/05/11	84147	15:32:58 - 15:45:35	gap at MM
25/05/11	84147	14:53:57 - 15:06:32	gap at GS
25/05/11	84148	17:12:12 - 17:24:44	gap at MM
25/05/11	84148	16:33:04 - 16:46:37	gap at GS
25/05/11	84149	18:51:20 - 19:03:57	gap at MM
25/05/11	84149	18:14:00 - 18:22:00	gap at GS
25/05/11	84149	19:13:02 - 19:22:23	gap at JO
25/05/11	84150	20:30:41 - 20:43:25	gap at MM
25/05/11	84150	20:49:54 - 21:04:55	gap at JO
25/05/11	84151	22:04:35 - 22:15:08	gap at HO
25/05/11	84151	22:10:39 - 22:23:10	gap at MM

25/05/11	84151	22:31:28 - 22:40:26	gap at JO
25/05/11	84152	23:41:02 - 23:55:25	gap at HO
25/05/11	84152	23:51:33 - 00:03:09	gap at MM
26/05/11	84152	23:51:33 - 00:03:09	gap at MM
26/05/11	84153	01:21:35 - 01:34:05	gap at HO
26/05/11	84153	01:33:31 - 01:43:21	gap at MM
26/05/11	84154	02:39:03 - 02:52:17	gap at BE
26/05/11	84154	03:16:24 - 03:23:53	gap at MM
26/05/11	84155	04:19:03 - 04:30:12	gap at BE
26/05/11	84155	04:59:22 - 05:05:12	gap at MM
26/05/11	84156	06:41:10 - 06:47:49	gap at MM
26/05/11	84156	05:28:48 - 05:35:21	gap at CM
26/05/11	84156	06:24:28 - 06:31:10	gap at JO
26/05/11	84157	08:21:56 - 08:30:53	gap at MM
26/05/11	84157	07:58:43 - 08:13:37	gap at JO
26/05/11	84158	10:02:14 - 10:13:15	gap at MM
26/05/11	84158	09:40:13 - 09:51:17	gap at JO
26/05/11	84159	11:42:18 - 11:54:33	gap at MM
26/05/11	84159	11:01:59 - 11:11:59	gap at MA
26/05/11	84160	13:22:08 - 13:34:51	gap at MM
26/05/11	84161	13:55:39 - 14:09:01	gap at BE
26/05/11	84161	15:11:46 - 15:20:07	gap at HO
26/05/11	84161	15:01:43 - 15:14:24	gap at MM
26/05/11	84161	14:23:23 - 14:33:54	gap at GS
26/05/11	84162	15:37:19 - 15:47:07	gap at BE
26/05/11	84162	16:41:02 - 16:53:34	gap at MM
26/05/11	84162	16:01:44 - 16:15:39	gap at GS
26/05/11	84163	18:20:10 - 18:32:45	gap at MM
26/05/11	84163	17:50:37 - 17:54:53	gap at MI
26/05/11	84163	17:42:00 - 17:52:38	gap at GS
26/05/11	84163	17:52:06 - 17:58:48	gap at CM
26/05/11	84164	19:59:25 - 20:12:08	gap at MM
26/05/11	84164	19:03:23 - 19:08:50	gap at MA
26/05/11	84164	20:18:50 - 20:33:32	gap at JO
26/05/11	84165	21:39:09 - 21:51:47	gap at MM
26/05/11	84165	21:58:56 - 22:11:21	gap at JO
26/05/11	84166	23:10:12 - 23:24:04	gap at HO
26/05/11	84166	23:19:43 - 23:31:42	gap at MM
26/05/11	84167	23:55:18 - 00:07:42	gap at MS
27/05/11	84167	00:49:31 - 01:03:24	gap at HO
27/05/11	84167	01:01:21 - 01:11:50	gap at MM
27/05/11	84167	00:12:47 - 00:16:50	gap at KS
27/05/11	84168	02:08:10 - 02:20:23	gap at BE
27/05/11	84168	02:44:00 - 02:52:14	gap at MM
27/05/11	84169	03:47:22 - 04:00:00	gap at BE
27/05/11	84169	04:27:05 - 04:33:14	gap at MM
27/05/11	84170	06:09:20 - 06:15:27	gap at MM
27/05/11	84171	07:50:20 - 07:58:32	gap at MM

27/05/11	84171	07:28:08 - 07:42:04	gap at JO
27/05/11	84172	09:30:44 - 09:41:11	gap at MM
27/05/11	84172	09:07:30 - 09:21:11	gap at JO
27/05/11	84173	11:21:21 - 11:31:59	gap at HO
27/05/11	84173	11:10:52 - 11:22:50	gap at MM
27/05/11	84174	12:59:23 - 13:14:12	gap at HO
27/05/11	84174	12:50:47 - 13:03:25	gap at MM
27/05/11	84175	14:39:42 - 14:50:47	gap at HO
27/05/11	84175	14:30:27 - 14:43:10	gap at MM
27/05/11	84175	14:53:59 - 15:07:12	gap at SG
27/05/11	84176	15:04:37 - 15:16:44	gap at BE
27/05/11	84176	16:09:51 - 16:22:25	gap at MM
27/05/11	84176	15:30:33 - 15:44:16	gap at GS
27/05/11	84176	16:34:24 - 16:45:00	gap at SG
27/05/11	84177	17:49:01 - 18:01:33	gap at MM
27/05/11	84177	17:10:18 - 17:22:39	gap at GS
27/05/11	84178	19:28:11 - 19:40:52	gap at MM
27/05/11	84178	19:48:13 - 20:01:30	gap at JO
27/05/11	84179	21:07:44 - 21:20:26	gap at MM
27/05/11	84179	21:27:04 - 21:41:17	gap at JO
27/05/11	84180	22:39:46 - 22:52:34	gap at HO
27/05/11	84180	22:48:00 - 23:00:16	gap at MM
27/05/11	84181	23:38:58 - 23:46:16	gap at KS
28/05/11	84181	00:17:43 - 00:32:21	gap at HO
28/05/11	84181	00:29:18 - 00:40:20	gap at MM
28/05/11	84182	02:01:23 - 02:09:30	gap at HO
28/05/11	84182	02:11:39 - 02:20:39	gap at MM
28/05/11	84183	03:15:55 - 03:29:16	gap at BE
28/05/11	84183	03:54:42 - 04:01:23	gap at MM
28/05/11	84184	04:57:01 - 05:04:59	gap at BE
28/05/11	84184	05:37:21 - 05:43:10	gap at MM
28/05/11	84185	07:18:41 - 07:26:08	gap at MM
28/05/11	84185	06:58:14 - 07:10:06	gap at JO
28/05/11	84186	08:59:13 - 09:09:01	gap at MM
28/05/11	84186	08:35:37 - 08:50:27	gap at JO
28/05/11	84187	10:39:26 - 10:51:00	gap at MM
28/05/11	84188	12:28:22 - 12:42:52	gap at HO
28/05/11	84188	12:19:25 - 12:31:55	gap at MM
28/05/11	84188	11:40:00 - 11:46:53	gap at MA
28/05/11	84189	14:07:57 - 14:21:12	gap at HO
28/05/11	84189	13:59:09 - 14:11:53	gap at MM
28/05/11	84189	13:24:37 - 13:31:47	gap at MS
28/05/11	84189	14:23:59 - 14:34:58	gap at SG
28/05/11	84190	14:32:41 - 14:45:52	gap at BE
28/05/11	84190	15:38:38 - 15:51:15	gap at MM
28/05/11	84190	14:59:34 - 15:12:23	gap at GS
28/05/11	84191	17:17:52 - 17:30:23	gap at MM
28/05/11	84191	16:38:47 - 16:52:12	gap at GS



28/05/11	84192	18:57:00 - 19:09:38	gap at MM
28/05/11	84192	18:19:53 - 18:27:14	gap at GS
28/05/11	84192	19:18:19 - 19:28:33	gap at JO
28/05/11	84193	20:36:23 - 20:49:07	gap at MM
28/05/11	84193	20:55:35 - 21:10:34	gap at JO
28/05/11	84194	22:09:58 - 22:20:56	gap at HO
28/05/11	84194	22:16:23 - 22:28:52	gap at MM
28/05/11	84194	22:37:32 - 22:45:33	gap at JO
28/05/11	84195	23:46:41 - 00:01:06	gap at HO
28/05/11	84195	23:57:20 - 00:08:52	gap at MM
29/05/11	84195	23:46:41 - 00:01:06	gap at HO
29/05/11	84195	23:57:20 - 00:08:52	gap at MM
29/05/11	84196	01:27:36 - 01:39:37	gap at HO
29/05/11	84196	01:39:22 - 01:49:05	gap at MM
29/05/11	84197	02:44:42 - 02:58:01	gap at BE
29/05/11	84197	03:22:17 - 03:29:39	gap at MM
29/05/11	84198	04:24:51 - 04:35:38	gap at BE
29/05/11	84198	05:05:13 - 05:11:01	gap at MM
29/05/11	84199	06:46:57 - 06:53:43	gap at MM
29/05/11	84199	05:35:14 - 05:40:19	gap at CM
29/05/11	84199	06:29:27 - 06:37:19	gap at JO
29/05/11	84200	08:27:40 - 08:36:46	gap at MM
29/05/11	84200	08:04:21 - 08:19:19	gap at JO
29/05/11	84201	10:07:58 - 10:19:04	gap at MM
29/05/11	84201	09:46:18 - 09:56:38	gap at JO
29/05/11	84202	11:57:24 - 12:10:38	gap at HO
29/05/11	84202	11:48:01 - 12:00:19	gap at MM
29/05/11	84202	11:07:53 - 11:17:23	gap at MA
29/05/11	84203	13:36:22 - 13:50:57	gap at HO
29/05/11	84203	13:27:50 - 13:40:33	gap at MM
29/05/11	84204	14:01:18 - 14:14:42	gap at BE
29/05/11	84204	15:17:38 - 15:25:29	gap at HO
29/05/11	84204	15:07:24 - 15:20:04	gap at MM
29/05/11	84204	14:28:54 - 14:39:54	gap at GS
29/05/11	84205	15:43:23 - 15:52:33	gap at BE
29/05/11	84205	16:46:42 - 16:59:14	gap at MM
29/05/11	84205	16:07:25 - 16:21:19	gap at GS
29/05/11	84206	18:25:50 - 18:38:25	gap at MM
29/05/11	84206	17:57:47 - 17:58:53	gap at MI
29/05/11	84206	17:47:47 - 17:58:01	gap at GS
29/05/11	84206	17:58:21 - 18:03:46	gap at CM
29/05/11	84207	20:05:06 - 20:17:49	gap at MM
29/05/11	84207	19:08:33 - 19:15:54	gap at MA
29/05/11	84207	20:24:28 - 20:39:17	gap at JO
29/05/11	84208	21:44:52 - 21:57:29	gap at MM
29/05/11	84208	22:04:47 - 22:16:43	gap at JO
29/05/11	84209	23:15:43 - 23:29:47	gap at HO
29/05/11	84209	23:25:30 - 23:37:25	gap at MM

30/05/11	84210	00:55:21 - 01:09:00	gap at HO
30/05/11	84210	01:07:11 - 01:17:34	gap at MM
30/05/11	84210	00:19:08 - 00:22:13	gap at KS
30/05/11	84211	02:13:45 - 02:26:14	gap at BE
30/05/11	84211	02:49:53 - 02:57:59	gap at MM
30/05/11	84212	03:53:06 - 04:05:32	gap at BE
30/05/11	84212	04:32:58 - 04:39:02	gap at MM
30/05/11	84213	06:15:08 - 06:21:20	gap at MM
30/05/11	84213	05:04:57 - 05:11:37	gap at MI
30/05/11	84214	07:56:05 - 08:04:25	gap at MM
30/05/11	84214	07:33:39 - 07:47:50	gap at JO
30/05/11	84215	09:36:28 - 09:47:02	gap at MM
30/05/11	84215	09:13:23 - 09:26:43	gap at JO
30/05/11	84216	11:26:47 - 11:38:07	gap at HO
30/05/11	84216	11:16:35 - 11:28:37	gap at MM
30/05/11	84217	13:05:03 - 13:19:53	gap at HO
30/05/11	84217	12:56:29 - 13:09:09	gap at MM
30/05/11	84218	14:45:30 - 14:55:43	gap at HO
30/05/11	84218	14:36:08 - 14:48:51	gap at MM
30/05/11	84218	13:58:56 - 14:06:24	gap at GS
30/05/11	84218	14:59:32 - 15:12:58	gap at SG
30/05/11	84219	15:10:30 - 15:22:18	gap at BE
30/05/11	84219	16:15:31 - 16:28:05	gap at MM
30/05/11	84219	15:36:12 - 15:50:00	gap at GS
30/05/11	84219	16:40:25 - 16:50:18	gap at SG
30/05/11	84219	15:45:26 - 15:56:41	gap at CM
30/05/11	84220	17:54:41 - 18:07:14	gap at MM
30/05/11	84220	17:16:03 - 17:28:09	gap at GS
30/05/11	84221	19:33:52 - 19:46:33	gap at MM
30/05/11	84221	19:53:44 - 20:07:23	gap at JO
30/05/11	84222	21:13:26 - 21:26:08	gap at MM
30/05/11	84222	21:32:49 - 21:46:48	gap at JO
30/05/11	84223	22:45:17 - 22:58:18	gap at HO
30/05/11	84223	22:53:46 - 23:05:59	gap at MM
30/05/11	84224	23:45:03 - 23:51:53	gap at KS

Lamp Failures: none

cooler switchings: none

Timeline interruptions: none

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
4-5/05/11	83848 - 83862	~18:00 (04/05/11) - ~18:00 (05/05/11)	Narrow Swath Timeline GMNNOT41 executed
14-15/05/11	83992 - 84005	18:00 (14/05/11) - ~16:30 (15/05/11)	Narrow Swath Timeline GMNNOT41 executed
24-25/05/11	84136 - 84150	~20:30 (14/05/11) - ~19:00 (15/05/11)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution: none

Others:

Date	Orbit No.	Duration	remark
10/03/11 - 01/05 /2011	83956 - 83808		North Polar View operations
11/05/11	83939	02:50:44	Corrupted products at MI anomalous values for most parameters
17/05/11	84035	16:45:00	Corrupted products at CM anomalous values for most parameters
29/05/11	84205	16:36:17	Corrupted products at MI anomalous values for most parameters