

GOME Operations for October 2010

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

GOME Operations during October 2010

Date	Operations	remark
01/10/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
02/10/10	data available within visibility of groundstation	start of sun calibration: 14:34:00.127
03/10/10	data available within visibility of groundstation	start of sun calibration: 14:02:26.760
04/10/10	SEU data available within visibility of groundstation	no solar calibration available due to GOME anomaly
05/10/10	data available within visibility of groundstation	start of sun calibration: 16:20:38.370
06/10/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
07/10/10	data available within visibility of groundstation	start of sun calibration: 15:12:48.151
08/10/10	data available within visibility of groundstation	start of sun calibration: 14:46:10.312
09/10/10	data available within visibility of groundstation	start of sun calibration: 14:14:42.958
10/10/10	data available within visibility of groundstation	start of sun calibration: 13:43:09.609
11/10/10	SEU data available within visibility of groundstation	start of sun calibration: 16:32:53.197
12/10/10	data available within visibility of groundstation	start of sun calibration: 16:01:25.839
13/10/10	data available within visibility of groundstation	start of sun calibration: 15:29:52.490
14/10/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
15/10/10	data available within visibility of groundstation	start of sun calibration: 14:26:54.898
16/10/10	data available within visibility of groundstation	start of sun calibration: 13:55:21.575
17/10/10	data available within visibility of groundstation	start of sun calibration: 16:45:07.479
18/10/10	data available within visibility of groundstation	start of sun calibration: 16:13:34.151
19/10/10	data available within visibility of groundstation	start of sun calibration: 15:42:06.823
20/10/10	data available within visibility of groundstation	start of sun calibration: 15:10:33.493
21/10/10	data available within visibility of groundstation	start of sun calibration: 14:39:06.162
22/10/10	data available within visibility of groundstation	start of sun calibration: 14:07:32.833
23/10/10	data available within visibility of groundstation	start of sun calibration: 13:36:05.509

24/10/10	data available within visibility of groundstation	start of sun calibration: 16:25:44.565
25/10/10	data available within visibility of groundstation	start of sun calibration: 12:33:04.012
26/10/10	data available within visibility of groundstation	start of sun calibration: 12:01:30.689
27/10/10	data available within visibility of groundstation	start of sun calibration: 11:30:03.358
28/10/10	quarterly calibration during orbits 81154 -81159 Two orbits in Nadir Static View 81152 , 81153 data available within visibility of groundstation	start of sun calibration: 10:58:30.027
29/10/10	data available within visibility of groundstation	no solar calibration available due to the execution of an ERS2 orbit manoeuvre
30/10/10	data available within visibility of groundstation	start of sun calibration: 13:16:42.658
31/10/10	data available within visibility of groundstation	start of sun calibration: 12:45:09.339

Anomalies:

single event upsets (SEU):

Date	Reason
04/10/10	A GOME anomaly occurred at 13:28:33 (in concomitance with the Narrow Swath Timeline execution), orbit 80811; after the execution of a power cycle at 14:36:20 data were back to nominal
11/10/10	GOME anomaly (SEU) starting from 01:31, orbit 80904; the anomaly was cured with a power cycle at 15:57:39, orbit 80912; afterwards data were back to normal.

list of datagaps:

Date	Orbit No.	duration	reason
01/10/10	80760	00:29:05 - 00:43:42	gap at HO
01/10/10	80761	01:48:43 - 01:59:44	gap at BE
01/10/10	80761	02:02:34 - 02:09:37	gap at SG
01/10/10	80762	03:27:20 - 03:40:30	gap at BE
01/10/10	80762	03:38:16 - 03:52:04	gap at SG
01/10/10	80762	02:57:28 - 03:06:19	gap at CM
01/10/10	80762	04:34:57 - 04:46:47	gap at CM
01/10/10	80764	07:09:01 - 07:21:47	gap at JO
01/10/10	80765	08:47:08 - 09:01:41	gap at JO
01/10/10	80767	11:51:59 - 11:57:05	gap at MA
01/10/10	80768	14:19:29 - 14:32:10	gap at HO
01/10/10	80768	13:20:31 - 13:32:52	gap at KS
01/10/10	80768	14:34:46 - 14:46:48	gap at SG
01/10/10	80769	14:44:14 - 14:57:07	gap at BE
01/10/10	80769	15:49:59 - 16:02:35	gap at MM
01/10/10	80769	14:59:05 - 15:10:37	gap at KS
01/10/10	80769	15:10:48 - 15:24:02	gap at GS

01/10/10	80769	15:21:00 - 15:29:54	gap at CM
01/10/10	80770	17:29:12 - 17:41:43	gap at MM
01/10/10	80770	16:50:14 - 17:03:20	gap at GS
01/10/10	80770	16:58:53 - 17:10:37	gap at CM
01/10/10	80771	19:08:20 - 19:20:59	gap at MM
01/10/10	80771	19:29:04 - 19:40:41	gap at JO
01/10/10	80772	20:47:46 - 21:00:30	gap at MM
01/10/10	80772	19:47:03 - 19:59:41	gap at MA
01/10/10	80772	19:53:37 - 20:07:36	gap at KS
01/10/10	80772	21:07:00 - 21:21:48	gap at JO
01/10/10	80773	22:20:43 - 22:32:30	gap at HO
01/10/10	80773	22:27:52 - 22:40:17	gap at MM
01/10/10	80774	23:57:58 - 00:12:29	gap at HO
01/10/10	80760	23:51:09 - 23:52:29	gap at KS
01/10/10	80764	06:42:58 - 06:44:34	gap at KS
01/10/10	80765	08:22:18 - 08:24:34	gap at KS
01/10/10	80766	10:01:55 - 10:04:13	gap at KS
01/10/10	80767	11:41:26 - 11:43:48	gap at KS
01/10/10	80770	16:36:42 - 16:39:05	gap at KS
01/10/10	80771	18:14:35 - 18:17:06	gap at KS
01/10/10	80773	21:34:27 - 21:36:25	gap at KS
01/10/10	80774	23:17:51 - 23:19:18	gap at KS
01/10/10	80761	01:23:40 - 01:25:31	gap at GS
01/10/10	80762	03:01:15 - 03:02:57	gap at GS
01/10/10	80763	04:43:51 - 04:45:29	gap at GS
01/10/10	80766	10:16:43 - 10:19:06	gap at MS
01/10/10	80767	11:54:16 - 11:56:42	gap at MS
01/10/10	80774	23:03:33 - 23:05:42	gap at MS
01/10/10	80765	08:31:07 - 08:32:32	gap at MA
01/10/10	80766	10:09:59 - 10:11:42	gap at MA
01/10/10	80773	21:26:04 - 21:28:28	gap at MA
01/10/10	80762	02:56:44 - 02:58:51	gap at MI
01/10/10	80763	04:37:18 - 04:39:25	gap at MI
01/10/10	80769	15:16:58 - 15:19:05	gap at MI
01/10/10	80770	16:56:30 - 16:58:40	gap at MI
01/10/10	80760	00:40:56 - 00:42:13	gap at MM
01/10/10	80761	02:23:24 - 02:24:27	gap at MM
01/10/10	80765	09:10:41 - 09:11:52	gap at MM
01/10/10	80766	10:50:52 - 10:52:13	gap at MM
01/10/10	80767	12:30:49 - 12:32:10	gap at MM
01/10/10	80768	14:10:32 - 14:12:25	gap at MM
01/10/10	80768	14:18:27 - 14:23:16	gap at MM
01/10/10	80768	14:34:46 - 14:38:03	gap at SG
01/10/10	80769	16:13:41 - 16:16:15	gap at SG
02/10/10	80774	23:57:58 - 00:12:29	gap at HO
02/10/10	80775	01:39:30 - 01:50:39	gap at HO
02/10/10	80776	02:56:02 - 03:09:26	gap at BE
02/10/10	80776	04:03:27 - 04:15:52	gap at CM

02/10/10	80777	04:36:28 - 04:46:25	gap at BE
02/10/10	80778	06:39:43 - 06:49:24	gap at JO
02/10/10	80779	08:15:39 - 08:30:41	gap at JO
02/10/10	80781	11:19:35 - 11:28:08	gap at MA
02/10/10	80782	13:39:14 - 13:51:57	gap at MM
02/10/10	80782	14:05:37 - 14:13:47	gap at SG
02/10/10	80783	14:12:39 - 14:26:04	gap at BE
02/10/10	80783	15:18:46 - 15:31:25	gap at MM
02/10/10	80783	14:40:00 - 14:50:53	gap at GS
02/10/10	80783	15:41:52 - 15:55:36	gap at SG
02/10/10	80784	15:55:42 - 16:03:16	gap at BE
02/10/10	80784	16:58:02 - 17:10:34	gap at MM
02/10/10	80784	16:18:48 - 16:32:36	gap at GS
02/10/10	80784	16:27:25 - 16:39:50	gap at CM
02/10/10	80785	18:37:10 - 18:49:46	gap at MM
02/10/10	80785	17:59:24 - 18:08:44	gap at GS
02/10/10	80785	19:00:16 - 19:06:30	gap at JO
02/10/10	80786	20:16:28 - 20:29:12	gap at MM
02/10/10	80786	19:19:03 - 19:27:39	gap at MA
02/10/10	80786	20:35:44 - 20:50:43	gap at JO
02/10/10	80787	21:51:29 - 22:00:32	gap at HO
02/10/10	80787	20:54:15 - 21:07:57	gap at MA
02/10/10	80787	22:16:33 - 22:27:23	gap at JO
02/10/10	80788	23:26:55 - 23:41:11	gap at HO
02/10/10	80788	22:39:11 - 22:45:05	gap at MA
02/10/10	80781	11:10:11 - 11:12:31	gap at KS
02/10/10	80782	12:49:27 - 12:51:44	gap at KS
02/10/10	80783	14:28:14 - 14:30:36	gap at KS
02/10/10	80784	16:05:58 - 16:08:18	gap at KS
02/10/10	80785	17:43:53 - 17:46:16	gap at KS
02/10/10	80786	19:22:19 - 19:24:15	gap at KS
02/10/10	80787	21:02:32 - 21:04:20	gap at KS
02/10/10	80788	22:45:00 - 22:46:52	gap at KS
02/10/10	80778	06:12:03 - 06:13:27	gap at KS
02/10/10	80779	07:51:01 - 07:53:15	gap at KS
02/10/10	80780	09:30:36 - 09:32:53	gap at KS
02/10/10	80775	00:54:01 - 00:55:37	gap at GS
02/10/10	80776	02:30:09 - 02:31:49	gap at GS
02/10/10	80777	04:10:51 - 04:12:39	gap at GS
02/10/10	80775	00:46:29 - 00:47:58	gap at MS
02/10/10	80781	11:23:09 - 11:25:34	gap at MS
02/10/10	80782	13:03:45 - 13:06:11	gap at MS
02/10/10	80788	22:32:45 - 22:34:40	gap at MS
02/10/10	80780	09:38:41 - 09:40:34	gap at MA
02/10/10	80776	02:26:35 - 02:28:42	gap at MI
02/10/10	80777	04:04:52 - 04:07:45	gap at MI
02/10/10	80783	14:46:51 - 14:48:58	gap at MI
02/10/10	80784	16:24:45 - 16:26:54	gap at MI

02/10/10	80774	00:08:57 - 00:10:17	gap at MM
02/10/10	80775	01:51:06 - 01:52:14	gap at MM
02/10/10	80779	08:39:09 - 08:45:18	gap at MM
02/10/10	80780	10:19:24 - 10:20:45	gap at MM
02/10/10	80781	11:59:26 - 12:01:06	gap at MM
02/10/10	80787	21:56:19 - 21:58:34	gap at MM
02/10/10	80788	23:37:04 - 23:38:49	gap at MM
02/10/10	80776	03:07:12 - 03:09:54	gap at SG
02/10/10	80777	04:48:36 - 04:50:16	gap at SG
03/10/10	80789	01:06:59 - 01:20:11	gap at HO
03/10/10	80790	02:24:58 - 02:37:52	gap at BE
03/10/10	80790	02:36:50 - 02:48:54	gap at SG
03/10/10	80790	03:32:40 - 03:44:24	gap at CM
03/10/10	80791	04:04:36 - 04:16:33	gap at BE
03/10/10	80791	04:15:48 - 04:28:08	gap at SG
03/10/10	80791	05:13:22 - 05:22:18	gap at CM
03/10/10	80792	06:26:43 - 06:33:06	gap at MM
03/10/10	80793	07:44:45 - 07:59:20	gap at JO
03/10/10	80794	09:47:55 - 09:58:41	gap at MM
03/10/10	80794	09:25:13 - 09:37:43	gap at JO
03/10/10	80795	11:28:01 - 11:40:09	gap at MM
03/10/10	80796	13:07:53 - 13:20:34	gap at MM
03/10/10	80797	14:57:09 - 15:06:27	gap at HO
03/10/10	80797	14:47:31 - 15:00:12	gap at MM
03/10/10	80797	14:19:11 - 14:21:27	gap at MI
03/10/10	80797	14:09:41 - 14:18:45	gap at GS
03/10/10	80797	15:10:43 - 15:24:27	gap at SG
03/10/10	80798	15:22:20 - 15:33:23	gap at BE
03/10/10	80798	16:26:52 - 16:39:25	gap at MM
03/10/10	80798	15:47:32 - 16:01:27	gap at GS
03/10/10	80798	16:52:40 - 17:00:40	gap at SG
03/10/10	80798	15:56:31 - 16:08:20	gap at CM
03/10/10	80799	17:27:34 - 17:39:04	gap at GS
03/10/10	80799	17:36:57 - 17:45:51	gap at CM
03/10/10	80800	18:50:20 - 18:54:34	gap at MA
03/10/10	80800	20:04:51 - 20:19:04	gap at JO
03/10/10	80801	20:23:10 - 20:36:57	gap at MA
03/10/10	80801	21:44:23 - 21:57:46	gap at JO
03/10/10	80802	22:56:27 - 23:09:45	gap at HO
03/10/10	80793	07:19:46 - 07:21:31	gap at KS
03/10/10	80794	08:59:17 - 09:01:35	gap at KS
03/10/10	80795	10:38:54 - 10:41:15	gap at KS
03/10/10	80796	12:18:18 - 12:20:36	gap at KS
03/10/10	80797	13:57:12 - 13:59:35	gap at KS
03/10/10	80798	15:35:15 - 15:37:43	gap at KS
03/10/10	80799	17:13:03 - 17:15:26	gap at KS
03/10/10	80800	18:51:11 - 18:53:19	gap at KS
03/10/10	80801	20:30:50 - 20:32:38	gap at KS

03/10/10	80802	22:12:30 - 22:14:22	gap at KS
03/10/10	80803	23:57:17 - 23:58:52	gap at KS
03/10/10	80790	01:59:24 - 02:01:02	gap at GS
03/10/10	80791	03:38:38 - 03:40:18	gap at GS
03/10/10	80789	00:12:59 - 00:14:59	gap at MS
03/10/10	80795	10:52:20 - 10:54:42	gap at MS
03/10/10	80796	12:31:36 - 12:34:02	gap at MS
03/10/10	80802	22:02:36 - 22:04:29	gap at MS
03/10/10	80803	23:40:45 - 23:42:49	gap at MS
03/10/10	80794	09:07:51 - 09:09:02	gap at MA
03/10/10	80795	10:47:02 - 10:48:46	gap at MA
03/10/10	80802	22:05:21 - 22:06:26	gap at MA
03/10/10	80790	01:57:32 - 01:59:31	gap at MI
03/10/10	80791	03:33:16 - 03:36:37	gap at MI
03/10/10	80792	05:18:28 - 05:19:56	gap at MI
03/10/10	80798	15:53:25 - 15:55:37	gap at MI
03/10/10	80799	17:34:59 - 17:37:01	gap at MI
03/10/10	80789	01:18:53 - 01:20:05	gap at MM
03/10/10	80793	08:07:34 - 08:12:29	gap at MM
03/10/10	80799	18:06:01 - 18:08:38	gap at MM
03/10/10	80800	19:45:13 - 19:47:09	gap at MM
03/10/10	80801	21:24:51 - 21:26:54	gap at MM
03/10/10	80802	23:05:17 - 23:06:45	gap at MM
04/10/10	80803	00:34:57 - 00:49:22	gap at HO
04/10/10	80803	00:46:46 - 00:57:31	gap at MM
04/10/10	80804	01:54:15 - 02:05:40	gap at BE
04/10/10	80804	02:07:37 - 02:15:53	gap at SG
04/10/10	80805	03:33:02 - 03:46:05	gap at BE
04/10/10	80805	04:12:22 - 04:18:44	gap at MM
04/10/10	80805	03:43:59 - 03:57:41	gap at SG
04/10/10	80805	03:02:46 - 03:12:16	gap at CM
04/10/10	80805	04:40:45 - 04:52:20	gap at CM
04/10/10	80806	05:54:49 - 06:00:46	gap at MM
04/10/10	80807	07:14:27 - 07:27:36	gap at JO
04/10/10	80808	08:52:56 - 09:07:17	gap at JO
04/10/10	80811	14:25:15 - 14:37:34	gap at HO
04/10/10	80811	14:40:14 - 14:52:39	gap at SG
04/10/10	80812	14:50:02 - 15:02:44	gap at BE
04/10/10	80812	15:55:40 - 16:08:15	gap at MM
04/10/10	80812	15:16:26 - 15:29:50	gap at GS
04/10/10	80812	16:19:34 - 16:31:32	gap at SG
04/10/10	80812	15:26:21 - 15:35:56	gap at CM
04/10/10	80813	17:34:52 - 17:47:23	gap at MM
04/10/10	80813	16:55:57 - 17:08:52	gap at GS
04/10/10	80813	17:04:40 - 17:16:08	gap at CM
04/10/10	80814	19:14:01 - 19:26:40	gap at MM
04/10/10	80814	19:34:30 - 19:46:40	gap at JO
04/10/10	80815	20:53:28 - 21:06:12	gap at MM

04/10/10	80815	19:52:34 - 20:05:33	gap at MA
04/10/10	80815	21:12:43 - 21:27:24	gap at JO
04/10/10	80816	22:26:09 - 22:38:14	gap at HO
04/10/10	80816	21:31:52 - 21:44:50	gap at MA
04/10/10	80803	23:57:17 - 23:58:52	gap at KS
04/10/10	80807	06:48:37 - 06:50:19	gap at KS
04/10/10	80808	08:27:59 - 08:30:15	gap at KS
04/10/10	80809	10:07:37 - 10:09:56	gap at KS
04/10/10	80810	11:47:06 - 11:49:30	gap at KS
04/10/10	80811	13:26:10 - 13:28:28	gap at KS
04/10/10	80812	15:04:40 - 15:07:09	gap at KS
04/10/10	80813	16:42:16 - 16:44:40	gap at KS
04/10/10	80814	18:20:12 - 18:22:36	gap at KS
04/10/10	80815	19:59:19 - 20:01:18	gap at KS
04/10/10	80816	21:40:17 - 21:42:10	gap at KS
04/10/10	80817	23:23:52 - 23:25:26	gap at KS
04/10/10	80804	01:29:07 - 01:30:53	gap at GS
04/10/10	80805	03:06:58 - 03:08:42	gap at GS
04/10/10	80809	10:22:09 - 10:24:34	gap at MS
04/10/10	80810	12:00:02 - 12:02:25	gap at MS
04/10/10	80817	23:09:13 - 23:11:25	gap at MS
04/10/10	80808	08:36:49 - 08:38:20	gap at MA
04/10/10	80809	10:15:42 - 10:17:17	gap at MA
04/10/10	80805	03:02:18 - 03:04:24	gap at MI
04/10/10	80805	03:12:57 - 03:15:18	gap at MI
04/10/10	80806	04:43:19 - 04:45:29	gap at MI
04/10/10	80812	15:22:32 - 15:24:41	gap at MI
04/10/10	80813	17:02:20 - 17:04:31	gap at MI
04/10/10	80804	02:29:17 - 02:30:19	gap at MM
04/10/10	80808	09:16:25 - 09:17:36	gap at MM
04/10/10	80809	10:56:35 - 10:57:56	gap at MM
04/10/10	80810	12:36:32 - 12:37:51	gap at MM
04/10/10	80811	14:16:14 - 14:17:53	gap at MM
04/10/10	80811	14:22:50 - 14:28:57	gap at MM
04/10/10	80816	22:33:37 - 22:35:15	gap at MM
05/10/10	80817	00:03:36 - 00:18:10	gap at HO
05/10/10	80818	01:45:47 - 01:56:09	gap at HO
05/10/10	80819	03:01:42 - 03:15:07	gap at BE
05/10/10	80819	03:39:58 - 03:46:57	gap at MM
05/10/10	80819	03:12:48 - 03:26:33	gap at SG
05/10/10	80819	02:34:54 - 02:38:21	gap at CM
05/10/10	80819	04:09:07 - 04:21:32	gap at CM
05/10/10	80820	04:42:19 - 04:51:45	gap at BE
05/10/10	80820	05:22:46 - 05:28:32	gap at MM
05/10/10	80820	04:54:46 - 05:02:40	gap at SG
05/10/10	80821	07:04:16 - 07:11:24	gap at MM
05/10/10	80821	06:44:57 - 06:55:21	gap at JO
05/10/10	80822	08:21:20 - 08:36:21	gap at JO

05/10/10	80823	10:05:02 - 10:12:16	gap at JO
05/10/10	80824	11:25:28 - 11:33:40	gap at MA
05/10/10	80825	13:44:55 - 13:57:39	gap at MM
05/10/10	80825	14:10:46 - 14:19:55	gap at SG
05/10/10	80826	14:18:21 - 14:31:44	gap at BE
05/10/10	80826	15:24:27 - 15:37:05	gap at MM
05/10/10	80826	14:45:34 - 14:56:23	gap at GS
05/10/10	80826	15:47:36 - 16:01:12	gap at SG
05/10/10	80826	14:58:35 - 15:01:02	gap at CM
05/10/10	80827	16:02:00 - 16:08:31	gap at BE
05/10/10	80827	17:03:42 - 17:16:14	gap at MM
05/10/10	80827	16:24:31 - 16:38:13	gap at GS
05/10/10	80827	16:33:06 - 16:45:30	gap at CM
05/10/10	80828	18:42:50 - 18:55:26	gap at MM
05/10/10	80828	18:05:14 - 18:14:04	gap at GS
05/10/10	80828	19:05:16 - 19:12:58	gap at JO
05/10/10	80829	20:22:09 - 20:34:53	gap at MM
05/10/10	80829	19:24:22 - 19:33:29	gap at MA
05/10/10	80829	20:41:24 - 20:56:25	gap at JO
05/10/10	80830	21:56:39 - 22:06:24	gap at HO
05/10/10	80830	22:02:03 - 22:14:36	gap at MM
05/10/10	80830	21:00:04 - 21:13:37	gap at MA
05/10/10	80830	22:22:29 - 22:32:38	gap at JO
05/10/10	80831	23:32:31 - 23:46:53	gap at HO
05/10/10	80831	23:42:51 - 23:54:34	gap at MM
05/10/10	80831	22:45:40 - 22:50:13	gap at MA
05/10/10	80830	21:08:19 - 21:10:17	gap at KS
05/10/10	80831	22:50:57 - 22:52:43	gap at KS
05/10/10	80821	06:17:38 - 06:19:06	gap at KS
05/10/10	80822	07:56:42 - 07:58:57	gap at KS
05/10/10	80823	09:36:18 - 09:38:37	gap at KS
05/10/10	80824	11:15:52 - 11:18:14	gap at KS
05/10/10	80825	12:55:06 - 12:57:25	gap at KS
05/10/10	80826	14:33:51 - 14:36:15	gap at KS
05/10/10	80827	16:11:32 - 16:13:54	gap at KS
05/10/10	80828	17:49:27 - 17:51:56	gap at KS
05/10/10	80829	19:28:00 - 19:29:56	gap at KS
05/10/10	80818	00:59:22 - 01:00:58	gap at GS
05/10/10	80819	02:35:44 - 02:37:37	gap at GS
05/10/10	80820	04:16:47 - 04:18:33	gap at GS
05/10/10	80824	11:28:48 - 11:31:15	gap at MS
05/10/10	80825	13:09:38 - 13:11:59	gap at MS
05/10/10	80831	22:38:18 - 22:40:09	gap at MS
05/10/10	80822	08:06:33 - 08:07:45	gap at MA
05/10/10	80823	09:44:21 - 09:46:10	gap at MA
05/10/10	80819	02:32:00 - 02:34:09	gap at MI
05/10/10	80820	04:10:42 - 04:13:36	gap at MI
05/10/10	80826	14:52:15 - 14:54:22	gap at MI

05/10/10	80827	16:30:29 - 16:32:42	gap at MI
05/10/10	80817	00:14:45 - 00:16:05	gap at MM
05/10/10	80818	01:56:58 - 01:58:06	gap at MM
05/10/10	80822	08:44:53 - 08:46:01	gap at MM
05/10/10	80823	10:25:08 - 10:26:28	gap at MM
05/10/10	80824	12:05:08 - 12:06:48	gap at MM
06/10/10	80832	01:12:47 - 01:25:45	gap at HO
06/10/10	80833	02:30:36 - 02:43:38	gap at BE
06/10/10	80833	02:42:17 - 02:54:46	gap at SG
06/10/10	80833	03:38:13 - 03:50:10	gap at CM
06/10/10	80834	04:10:23 - 04:22:02	gap at BE
06/10/10	80834	04:50:34 - 04:56:28	gap at MM
06/10/10	80834	04:21:40 - 04:33:35	gap at SG
06/10/10	80835	06:32:30 - 06:38:59	gap at MM
06/10/10	80835	05:19:28 - 05:27:36	gap at CM
06/10/10	80836	07:50:19 - 08:05:03	gap at JO
06/10/10	80837	09:53:39 - 10:04:31	gap at MM
06/10/10	80837	09:31:11 - 09:43:10	gap at JO
06/10/10	80839	13:13:35 - 13:26:17	gap at MM
06/10/10	80840	15:03:00 - 15:11:56	gap at HO
06/10/10	80840	14:53:12 - 15:05:53	gap at MM
06/10/10	80840	14:15:08 - 14:24:51	gap at GS
06/10/10	80840	15:16:20 - 15:30:09	gap at SG
06/10/10	80841	15:28:18 - 15:38:54	gap at BE
06/10/10	80841	15:53:13 - 16:07:08	gap at GS
06/10/10	80841	16:58:57 - 17:05:41	gap at SG
06/10/10	80841	16:02:05 - 16:14:07	gap at CM
06/10/10	80842	18:11:41 - 18:24:14	gap at MM
06/10/10	80842	17:33:20 - 17:44:31	gap at GS
06/10/10	80842	17:42:57 - 17:51:05	gap at CM
06/10/10	80843	19:50:54 - 20:03:36	gap at MM
06/10/10	80843	18:55:53 - 19:00:17	gap at MA
06/10/10	80843	20:10:26 - 20:24:52	gap at JO
06/10/10	80844	20:28:47 - 20:42:32	gap at MA
06/10/10	80844	21:50:11 - 22:03:13	gap at JO
06/10/10	80845	23:01:58 - 23:15:29	gap at HO
06/10/10	80845	22:11:22 - 22:20:55	gap at MA
06/10/10	80836	07:25:27 - 07:27:16	gap at KS
06/10/10	80837	09:04:59 - 09:07:17	gap at KS
06/10/10	80838	10:44:36 - 10:46:57	gap at KS
06/10/10	80839	12:23:58 - 12:26:18	gap at KS
06/10/10	80840	14:02:51 - 14:05:14	gap at KS
06/10/10	80841	15:40:50 - 15:43:15	gap at KS
06/10/10	80842	17:18:41 - 17:21:04	gap at KS
06/10/10	80843	18:56:50 - 18:58:57	gap at KS
06/10/10	80844	20:36:35 - 20:38:23	gap at KS
06/10/10	80845	22:18:24 - 22:20:16	gap at KS
06/10/10	80833	02:04:57 - 02:06:40	gap at GS

06/10/10	80834	03:44:27 - 03:46:12	gap at GS
06/10/10	80832	00:18:57 - 00:20:59	gap at MS
06/10/10	80838	10:57:45 - 11:00:10	gap at MS
06/10/10	80839	12:37:22 - 12:39:39	gap at MS
06/10/10	80845	22:08:02 - 22:09:46	gap at MS
06/10/10	80846	23:46:33 - 23:48:37	gap at MS
06/10/10	80838	10:52:48 - 10:54:27	gap at MA
06/10/10	80833	02:02:41 - 02:04:43	gap at MI
06/10/10	80834	03:38:58 - 03:41:24	gap at MI
06/10/10	80840	14:23:33 - 14:25:22	gap at MI
06/10/10	80841	15:59:05 - 16:01:18	gap at MI
06/10/10	80842	17:41:07 - 17:43:10	gap at MI
06/10/10	80832	01:24:44 - 01:25:56	gap at MM
06/10/10	80836	08:13:19 - 08:19:27	gap at MM
06/10/10	80838	11:33:44 - 11:35:12	gap at MM
06/10/10	80841	16:32:32 - 16:37:00	gap at MM
06/10/10	80841	16:42:38 - 16:45:04	gap at MM
06/10/10	80844	21:30:34 - 21:32:55	gap at MM
06/10/10	80845	23:11:04 - 23:12:31	gap at MM
07/10/10	80846	00:40:48 - 00:54:59	gap at HO
07/10/10	80847	01:59:48 - 02:11:35	gap at BE
07/10/10	80848	03:38:46 - 03:51:40	gap at BE
07/10/10	80848	04:18:15 - 04:24:32	gap at MM
07/10/10	80848	03:08:07 - 03:18:10	gap at CM
07/10/10	80848	04:46:36 - 04:57:51	gap at CM
07/10/10	80849	06:00:37 - 06:06:38	gap at MM
07/10/10	80850	07:41:42 - 07:49:42	gap at MM
07/10/10	80850	07:19:54 - 07:33:24	gap at JO
07/10/10	80851	09:22:09 - 09:32:26	gap at MM
07/10/10	80851	08:58:44 - 09:12:51	gap at JO
07/10/10	80854	14:31:02 - 14:42:51	gap at HO
07/10/10	80854	14:45:43 - 14:58:30	gap at SG
07/10/10	80855	14:55:51 - 15:08:21	gap at BE
07/10/10	80855	15:22:04 - 15:35:37	gap at GS
07/10/10	80855	15:31:46 - 15:41:55	gap at CM
07/10/10	80856	17:40:31 - 17:53:03	gap at MM
07/10/10	80856	17:01:41 - 17:14:24	gap at GS
07/10/10	80856	17:10:28 - 17:21:37	gap at CM
07/10/10	80857	19:19:41 - 19:32:20	gap at MM
07/10/10	80857	19:39:58 - 19:52:38	gap at JO
07/10/10	80858	20:59:10 - 21:11:53	gap at MM
07/10/10	80858	21:18:27 - 21:32:58	gap at JO
07/10/10	80859	22:31:35 - 22:43:58	gap at HO
07/10/10	80846	00:03:26 - 00:05:09	gap at KS
07/10/10	80850	06:54:16 - 06:56:00	gap at KS
07/10/10	80851	08:33:40 - 08:35:57	gap at KS
07/10/10	80852	10:13:18 - 10:15:38	gap at KS
07/10/10	80853	11:52:47 - 11:55:10	gap at KS

07/10/10	80854	13:31:48 - 13:34:07	gap at KS
07/10/10	80855	15:10:13 - 15:12:48	gap at KS
07/10/10	80856	16:47:50 - 16:50:17	gap at KS
07/10/10	80857	18:25:49 - 18:28:10	gap at KS
07/10/10	80858	20:05:02 - 20:06:54	gap at KS
07/10/10	80859	21:46:08 - 21:47:59	gap at KS
07/10/10	80860	23:29:53 - 23:31:22	gap at KS
07/10/10	80847	01:34:36 - 01:36:26	gap at GS
07/10/10	80848	03:12:41 - 03:14:21	gap at GS
07/10/10	80846	23:46:33 - 23:48:37	gap at MS
07/10/10	80852	10:27:38 - 10:30:04	gap at MS
07/10/10	80853	12:05:46 - 12:08:03	gap at MS
07/10/10	80860	23:14:55 - 23:17:07	gap at MS
07/10/10	80851	08:42:36 - 08:44:08	gap at MA
07/10/10	80852	10:21:21 - 10:23:05	gap at MA
07/10/10	80858	19:58:05 - 20:00:31	gap at MA
07/10/10	80859	21:37:41 - 21:39:55	gap at MA
07/10/10	80848	03:07:53 - 03:10:04	gap at MI
07/10/10	80849	04:49:23 - 04:51:27	gap at MI
07/10/10	80855	15:28:07 - 15:30:18	gap at MI
07/10/10	80856	17:08:12 - 17:10:21	gap at MI
07/10/10	80846	00:52:36 - 00:53:53	gap at MM
07/10/10	80847	02:35:10 - 02:36:12	gap at MM
07/10/10	80852	11:02:18 - 11:03:42	gap at MM
07/10/10	80853	12:42:14 - 12:43:36	gap at MM
07/10/10	80854	14:21:55 - 14:23:37	gap at MM
07/10/10	80854	14:26:49 - 14:34:38	gap at MM
07/10/10	80855	16:01:20 - 16:02:42	gap at MM
07/10/10	80859	22:39:22 - 22:40:59	gap at MM
07/10/10	80847	02:12:47 - 02:14:34	gap at SG
07/10/10	80848	03:49:43 - 03:51:43	gap at SG
07/10/10	80854	14:45:43 - 14:50:09	gap at SG
07/10/10	80855	16:25:28 - 16:28:00	gap at SG
08/10/10	80860	00:09:13 - 00:23:50	gap at HO
08/10/10	80861	01:52:05 - 02:01:33	gap at HO
08/10/10	80862	03:07:23 - 03:20:47	gap at BE
08/10/10	80862	03:45:52 - 03:52:43	gap at MM
08/10/10	80862	02:39:34 - 02:44:54	gap at CM
08/10/10	80862	04:14:49 - 04:27:11	gap at CM
08/10/10	80863	04:48:11 - 04:57:04	gap at BE
08/10/10	80863	05:28:36 - 05:34:23	gap at MM
08/10/10	80864	07:10:02 - 07:17:18	gap at MM
08/10/10	80864	06:50:14 - 07:01:17	gap at JO
08/10/10	80865	08:27:02 - 08:42:00	gap at JO
08/10/10	80867	11:31:18 - 11:39:02	gap at MA
08/10/10	80868	14:16:00 - 14:25:59	gap at SG
08/10/10	80869	14:24:04 - 14:37:23	gap at BE
08/10/10	80869	15:30:07 - 15:42:45	gap at MM

08/10/10	80869	14:51:10 - 15:03:36	gap at GS
08/10/10	80869	15:03:02 - 15:08:00	gap at CM
08/10/10	80870	16:30:13 - 16:43:49	gap at GS
08/10/10	80870	16:38:48 - 16:51:07	gap at CM
08/10/10	80871	18:48:30 - 19:01:07	gap at MM
08/10/10	80871	18:11:04 - 18:19:22	gap at GS
08/10/10	80871	19:10:25 - 19:19:16	gap at JO
08/10/10	80872	20:27:50 - 20:40:34	gap at MM
08/10/10	80872	19:27:53 - 19:39:19	gap at MA
08/10/10	80872	20:47:04 - 21:02:05	gap at JO
08/10/10	80873	22:01:54 - 22:12:13	gap at HO
08/10/10	80873	22:07:47 - 22:20:19	gap at MM
08/10/10	80873	21:05:56 - 21:19:16	gap at MA
08/10/10	80873	22:28:28 - 22:37:51	gap at JO
08/10/10	80874	23:38:11 - 23:52:34	gap at HO
08/10/10	80874	23:48:39 - 00:00:17	gap at MM
08/10/10	80864	06:23:15 - 06:24:46	gap at KS
08/10/10	80865	08:02:23 - 08:04:40	gap at KS
08/10/10	80866	09:42:00 - 09:44:18	gap at KS
08/10/10	80867	11:21:33 - 11:23:58	gap at KS
08/10/10	80868	13:00:45 - 13:03:03	gap at KS
08/10/10	80869	14:39:28 - 14:41:53	gap at KS
08/10/10	80870	16:17:09 - 16:19:33	gap at KS
08/10/10	80871	17:55:00 - 17:57:38	gap at KS
08/10/10	80872	19:33:41 - 19:35:34	gap at KS
08/10/10	80873	21:14:07 - 21:15:53	gap at KS
08/10/10	80874	22:56:54 - 22:58:37	gap at KS
08/10/10	80861	01:04:44 - 01:06:17	gap at GS
08/10/10	80862	02:41:23 - 02:43:07	gap at GS
08/10/10	80863	04:22:44 - 04:24:32	gap at GS
08/10/10	80867	11:34:30 - 11:36:58	gap at MS
08/10/10	80868	13:15:33 - 13:17:54	gap at MS
08/10/10	80874	22:43:53 - 22:45:50	gap at MS
08/10/10	80865	08:11:57 - 08:13:10	gap at MA
08/10/10	80866	09:50:02 - 09:51:44	gap at MA
08/10/10	80862	02:37:27 - 02:39:35	gap at MI
08/10/10	80863	04:16:33 - 04:18:42	gap at MI
08/10/10	80869	14:57:42 - 14:59:52	gap at MI
08/10/10	80870	16:36:14 - 16:38:29	gap at MI
08/10/10	80860	00:20:34 - 00:21:54	gap at MM
08/10/10	80861	02:02:50 - 02:03:58	gap at MM
08/10/10	80865	08:50:37 - 08:51:47	gap at MM
08/10/10	80866	10:30:51 - 10:32:13	gap at MM
08/10/10	80867	12:10:51 - 12:12:22	gap at MM
08/10/10	80868	13:50:37 - 13:52:27	gap at MM
08/10/10	80868	13:55:11 - 14:03:21	gap at MM
08/10/10	80870	17:09:22 - 17:11:21	gap at MM
08/10/10	80862	03:18:25 - 03:24:04	gap at SG

08/10/10	80863	05:01:03 - 05:03:06	gap at SG
08/10/10	80868	14:16:00 - 14:18:16	gap at SG
08/10/10	80868	14:19:37 - 14:25:59	gap at SG
09/10/10	80874	23:48:39 - 00:00:17	gap at MM
09/10/10	80875	01:18:39 - 01:31:19	gap at HO
09/10/10	80875	00:35:33 - 00:42:46	gap at GS
09/10/10	80876	02:36:14 - 02:49:24	gap at BE
09/10/10	80876	02:47:47 - 03:00:36	gap at SG
09/10/10	80876	03:43:47 - 03:55:54	gap at CM
09/10/10	80877	04:16:09 - 04:27:29	gap at BE
09/10/10	80877	04:56:26 - 05:02:17	gap at MM
09/10/10	80878	06:38:17 - 06:44:53	gap at MM
09/10/10	80878	05:52:41 - 05:56:43	gap at KS
09/10/10	80878	05:25:39 - 05:32:48	gap at CM
09/10/10	80878	06:22:01 - 06:28:01	gap at JO
09/10/10	80879	07:55:55 - 08:10:46	gap at JO
09/10/10	80880	09:59:22 - 10:10:21	gap at MM
09/10/10	80880	09:37:12 - 09:48:35	gap at JO
09/10/10	80882	13:19:17 - 13:32:00	gap at MM
09/10/10	80883	15:08:50 - 15:17:23	gap at HO
09/10/10	80883	14:58:53 - 15:11:33	gap at MM
09/10/10	80883	14:20:37 - 14:30:54	gap at GS
09/10/10	80883	15:21:58 - 15:35:51	gap at SG
09/10/10	80884	15:34:18 - 15:44:23	gap at BE
09/10/10	80884	15:58:53 - 16:12:49	gap at GS
09/10/10	80884	16:07:41 - 16:19:53	gap at CM
09/10/10	80885	18:17:20 - 18:29:54	gap at MM
09/10/10	80885	17:39:06 - 17:49:56	gap at GS
09/10/10	80885	17:49:02 - 17:56:15	gap at CM
09/10/10	80886	19:56:34 - 20:09:17	gap at MM
09/10/10	80886	19:00:51 - 19:05:59	gap at MA
09/10/10	80886	20:16:02 - 20:30:39	gap at JO
09/10/10	80887	20:34:25 - 20:48:06	gap at MA
09/10/10	80887	21:56:01 - 22:08:39	gap at JO
09/10/10	80888	23:07:28 - 23:21:12	gap at HO
09/10/10	80879	07:31:07 - 07:32:58	gap at KS
09/10/10	80880	09:10:41 - 09:13:00	gap at KS
09/10/10	80881	10:50:17 - 10:52:38	gap at KS
09/10/10	80882	12:29:38 - 12:31:58	gap at KS
09/10/10	80883	14:08:31 - 14:10:54	gap at KS
09/10/10	80884	15:46:25 - 15:48:48	gap at KS
09/10/10	80885	17:24:18 - 17:26:44	gap at KS
09/10/10	80886	19:02:30 - 19:04:32	gap at KS
09/10/10	80887	20:42:20 - 20:44:10	gap at KS
09/10/10	80888	22:24:17 - 22:26:08	gap at KS
09/10/10	80876	02:10:39 - 02:12:14	gap at GS
09/10/10	80877	03:50:17 - 03:52:10	gap at GS
09/10/10	80875	00:24:58 - 00:26:58	gap at MS

09/10/10	80881	11:03:28 - 11:06:11	gap at MS
09/10/10	80882	12:43:10 - 12:45:34	gap at MS
09/10/10	80888	22:13:29 - 22:15:18	gap at MS
09/10/10	80889	23:52:23 - 23:54:28	gap at MS
09/10/10	80880	09:19:00 - 09:20:12	gap at MA
09/10/10	80881	10:58:49 - 11:00:16	gap at MA
09/10/10	80876	02:07:55 - 02:10:01	gap at MI
09/10/10	80877	03:44:41 - 03:46:54	gap at MI
09/10/10	80883	14:28:29 - 14:30:29	gap at MI
09/10/10	80884	16:04:46 - 16:06:58	gap at MI
09/10/10	80885	17:47:23 - 17:49:20	gap at MI
09/10/10	80875	01:30:35 - 01:31:48	gap at MM
09/10/10	80879	08:19:03 - 08:25:01	gap at MM
09/10/10	80881	11:39:27 - 11:40:58	gap at MM
09/10/10	80884	16:38:12 - 16:43:27	gap at MM
09/10/10	80884	16:48:24 - 16:50:44	gap at MM
09/10/10	80887	21:36:17 - 21:38:47	gap at MM
09/10/10	80888	23:16:50 - 23:18:17	gap at MM
09/10/10	80877	04:27:34 - 04:29:24	gap at SG
09/10/10	80877	04:31:16 - 04:39:00	gap at SG
10/10/10	80889	00:46:36 - 01:00:36	gap at HO
10/10/10	80889	00:09:39 - 00:14:06	gap at KS
10/10/10	80890	02:05:22 - 02:17:27	gap at BE
10/10/10	80891	03:44:30 - 03:57:14	gap at BE
10/10/10	80891	04:24:08 - 04:30:20	gap at MM
10/10/10	80891	03:13:31 - 03:24:03	gap at CM
10/10/10	80891	04:52:28 - 05:03:21	gap at CM
10/10/10	80892	06:06:26 - 06:12:31	gap at MM
10/10/10	80893	07:47:27 - 07:55:35	gap at MM
10/10/10	80893	07:25:23 - 07:39:11	gap at JO
10/10/10	80894	09:27:52 - 09:38:16	gap at MM
10/10/10	80894	09:04:35 - 09:18:25	gap at JO
10/10/10	80895	11:18:38 - 11:28:55	gap at HO
10/10/10	80896	12:56:33 - 13:11:22	gap at HO
10/10/10	80897	14:36:49 - 14:48:20	gap at HO
10/10/10	80897	14:27:37 - 14:40:19	gap at MM
10/10/10	80897	14:51:13 - 15:04:18	gap at SG
10/10/10	80898	15:01:41 - 15:13:56	gap at BE
10/10/10	80898	15:27:43 - 15:41:23	gap at GS
10/10/10	80898	15:37:12 - 15:47:51	gap at CM
10/10/10	80899	17:07:26 - 17:19:54	gap at GS
10/10/10	80899	17:16:18 - 17:27:04	gap at CM
10/10/10	80900	19:25:21 - 19:38:01	gap at MM
10/10/10	80900	19:45:27 - 19:58:33	gap at JO
10/10/10	80901	21:04:52 - 21:17:35	gap at MM
10/10/10	80901	21:24:11 - 21:38:31	gap at JO
10/10/10	80902	22:37:02 - 22:49:42	gap at HO
10/10/10	80902	22:45:08 - 22:57:25	gap at MM

10/10/10	80893	06:59:56 - 07:01:43	gap at KS
10/10/10	80894	08:39:22 - 08:41:42	gap at KS
10/10/10	80895	10:19:00 - 10:21:21	gap at KS
10/10/10	80896	11:58:27 - 12:00:52	gap at KS
10/10/10	80897	13:37:27 - 13:39:48	gap at KS
10/10/10	80898	15:15:45 - 15:18:25	gap at KS
10/10/10	80899	16:53:24 - 16:55:52	gap at KS
10/10/10	80900	18:31:27 - 18:33:48	gap at KS
10/10/10	80901	20:10:45 - 20:12:38	gap at KS
10/10/10	80902	21:51:58 - 21:53:50	gap at KS
10/10/10	80903	23:35:56 - 23:37:22	gap at KS
10/10/10	80890	01:40:05 - 01:41:41	gap at GS
10/10/10	80891	03:18:25 - 03:20:14	gap at GS
10/10/10	80889	23:52:23 - 23:54:28	gap at MS
10/10/10	80895	10:33:07 - 10:35:32	gap at MS
10/10/10	80896	12:11:30 - 12:14:00	gap at MS
10/10/10	80903	23:20:37 - 23:22:53	gap at MS
10/10/10	80894	08:47:50 - 08:49:15	gap at MA
10/10/10	80895	10:27:01 - 10:28:47	gap at MA
10/10/10	80901	20:03:38 - 20:06:16	gap at MA
10/10/10	80902	21:43:49 - 21:45:50	gap at MA
10/10/10	80891	03:13:29 - 03:15:43	gap at MI
10/10/10	80892	04:55:32 - 04:57:37	gap at MI
10/10/10	80898	15:33:42 - 15:35:55	gap at MI
10/10/10	80899	17:14:05 - 17:16:16	gap at MI
10/10/10	80889	00:58:26 - 00:59:42	gap at MM
10/10/10	80890	02:41:03 - 02:42:05	gap at MM
10/10/10	80895	11:08:01 - 11:09:26	gap at MM
10/10/10	80896	12:47:56 - 12:49:18	gap at MM
10/10/10	80898	16:07:01 - 16:08:37	gap at MM
10/10/10	80899	17:46:11 - 17:48:41	gap at MM
10/10/10	80890	02:18:02 - 02:20:18	gap at SG
10/10/10	80891	03:55:28 - 03:57:46	gap at SG
10/10/10	80897	14:51:13 - 14:55:34	gap at SG
10/10/10	80898	16:31:25 - 16:34:10	gap at SG
11/10/10	80903	00:14:53 - 00:29:31	gap at HO
11/10/10	80904	01:58:12 - 02:06:52	gap at HO
11/10/10	80905	03:13:04 - 03:26:26	gap at BE
11/10/10	80906	04:54:04 - 05:02:21	gap at BE
11/10/10	80907	06:55:33 - 07:07:10	gap at JO
11/10/10	80908	08:32:45 - 08:47:38	gap at JO
11/10/10	80909	10:36:34 - 10:48:06	gap at MM
11/10/10	80910	11:37:06 - 11:44:17	gap at MA
11/10/10	80911	14:21:19 - 14:31:59	gap at SG
11/10/10	80912	14:29:49 - 14:43:02	gap at BE
11/10/10	80912	15:35:48 - 15:48:25	gap at MM
11/10/10	80912	14:56:46 - 15:09:28	gap at GS
11/10/10	80912	15:07:58 - 15:14:27	gap at CM

11/10/10	80913	16:35:56 - 16:49:25	gap at GS
11/10/10	80913	16:44:31 - 16:56:43	gap at CM
11/10/10	80914	18:16:57 - 18:24:37	gap at GS
11/10/10	80914	19:15:40 - 19:25:29	gap at JO
11/10/10	80915	19:33:20 - 19:45:07	gap at MA
11/10/10	80915	20:52:45 - 21:07:45	gap at JO
11/10/10	80916	22:07:17 - 22:18:02	gap at HO
11/10/10	80916	22:34:29 - 22:43:00	gap at JO
11/10/10	80917	23:43:52 - 23:58:16	gap at HO
11/10/10	80907	06:28:52 - 06:30:27	gap at KS
11/10/10	80908	08:08:04 - 08:10:26	gap at KS
11/10/10	80909	09:47:41 - 09:50:02	gap at KS
11/10/10	80910	11:27:14 - 11:29:40	gap at KS
11/10/10	80911	13:06:24 - 13:08:43	gap at KS
11/10/10	80912	14:45:06 - 14:47:30	gap at KS
11/10/10	80913	16:22:46 - 16:25:11	gap at KS
11/10/10	80914	18:00:34 - 18:03:14	gap at KS
11/10/10	80915	19:39:22 - 19:41:18	gap at KS
11/10/10	80916	21:19:55 - 21:21:47	gap at KS
11/10/10	80917	23:02:52 - 23:04:31	gap at KS
11/10/10	80904	01:10:07 - 01:12:00	gap at GS
11/10/10	80905	02:47:03 - 02:48:53	gap at GS
11/10/10	80906	04:28:44 - 04:30:30	gap at GS
11/10/10	80910	11:40:10 - 11:42:37	gap at MS
11/10/10	80911	13:21:33 - 13:23:55	gap at MS
11/10/10	80917	22:49:29 - 22:52:04	gap at MS
11/10/10	80908	08:17:23 - 08:18:41	gap at MA
11/10/10	80909	09:55:44 - 09:57:32	gap at MA
11/10/10	80916	21:11:40 - 21:14:14	gap at MA
11/10/10	80905	02:42:56 - 02:45:05	gap at MI
11/10/10	80906	04:22:26 - 04:24:34	gap at MI
11/10/10	80912	15:03:10 - 15:05:20	gap at MI
11/10/10	80913	16:42:00 - 16:44:12	gap at MI
11/10/10	80903	00:26:23 - 00:27:43	gap at MM
11/10/10	80904	02:08:43 - 02:09:48	gap at MM
11/10/10	80908	08:56:21 - 09:01:06	gap at MM
11/10/10	80908	09:04:39 - 09:06:06	gap at MM
11/10/10	80910	12:16:33 - 12:17:58	gap at MM
11/10/10	80911	13:56:19 - 13:58:11	gap at MM
11/10/10	80911	14:01:39 - 14:09:03	gap at MM
11/10/10	80913	17:15:02 - 17:17:12	gap at MM
11/10/10	80914	18:54:10 - 18:56:19	gap at MM
11/10/10	80915	20:33:32 - 20:35:18	gap at MM
11/10/10	80916	22:13:31 - 22:15:34	gap at MM
11/10/10	80917	23:54:26 - 23:55:57	gap at MM
11/10/10	80905	03:24:04 - 03:27:19	gap at SG
11/10/10	80911	14:21:19 - 14:23:21	gap at SG
11/10/10	80912	15:59:08 - 16:01:47	gap at SG

12/10/10	80918	01:24:35 - 01:36:51	gap at HO
12/10/10	80918	01:36:27 - 01:46:13	gap at MM
12/10/10	80918	00:40:47 - 00:48:39	gap at GS
12/10/10	80919	02:41:53 - 02:55:09	gap at BE
12/10/10	80919	03:49:22 - 04:01:38	gap at CM
12/10/10	80920	04:21:57 - 04:32:55	gap at BE
12/10/10	80921	06:44:04 - 06:50:46	gap at MM
12/10/10	80921	05:58:10 - 06:02:58	gap at KS
12/10/10	80921	05:31:59 - 05:37:52	gap at CM
12/10/10	80921	06:26:57 - 06:34:15	gap at JO
12/10/10	80922	08:01:32 - 08:16:28	gap at JO
12/10/10	80923	10:05:06 - 10:16:10	gap at MM
12/10/10	80923	09:43:15 - 09:53:58	gap at JO
12/10/10	80924	11:54:36 - 12:07:41	gap at HO
12/10/10	80924	11:45:09 - 11:57:26	gap at MM
12/10/10	80925	13:33:31 - 13:48:11	gap at HO
12/10/10	80925	13:24:59 - 13:37:42	gap at MM
12/10/10	80926	13:58:29 - 14:11:52	gap at BE
12/10/10	80926	15:14:42 - 15:22:49	gap at HO
12/10/10	80926	15:04:34 - 15:17:14	gap at MM
12/10/10	80926	14:26:08 - 14:36:54	gap at GS
12/10/10	80927	15:40:21 - 15:49:50	gap at BE
12/10/10	80927	16:43:52 - 16:56:24	gap at MM
12/10/10	80927	16:04:34 - 16:18:29	gap at GS
12/10/10	80927	16:13:18 - 16:25:37	gap at CM
12/10/10	80928	18:23:00 - 18:35:35	gap at MM
12/10/10	80928	17:44:53 - 17:55:20	gap at GS
12/10/10	80928	17:55:12 - 18:01:19	gap at CM
12/10/10	80929	20:02:15 - 20:14:58	gap at MM
12/10/10	80929	19:05:58 - 19:12:57	gap at MA
12/10/10	80929	20:21:39 - 20:36:24	gap at JO
12/10/10	80930	21:42:00 - 21:54:38	gap at MM
12/10/10	80930	20:40:04 - 20:53:45	gap at MA
12/10/10	80930	22:01:51 - 22:14:02	gap at JO
12/10/10	80931	23:12:57 - 23:26:55	gap at HO
12/10/10	80931	23:22:37 - 23:34:33	gap at MM
12/10/10	80931	22:23:31 - 22:31:48	gap at MA
12/10/10	80932	23:58:14 - 00:10:28	gap at MS
12/10/10	80922	07:36:48 - 07:38:42	gap at KS
12/10/10	80923	09:16:22 - 09:18:42	gap at KS
12/10/10	80924	10:55:58 - 10:58:20	gap at KS
12/10/10	80925	12:35:18 - 12:37:39	gap at KS
12/10/10	80926	14:14:09 - 14:16:35	gap at KS
12/10/10	80927	15:52:00 - 15:54:22	gap at KS
12/10/10	80928	17:29:55 - 17:32:21	gap at KS
12/10/10	80929	19:08:09 - 19:10:08	gap at KS
12/10/10	80930	20:48:06 - 20:49:56	gap at KS
12/10/10	80931	22:30:12 - 22:31:59	gap at KS

12/10/10	80919	02:16:48 - 02:18:11	gap at GS
12/10/10	80920	03:56:08 - 03:58:03	gap at GS
12/10/10	80918	00:31:01 - 00:33:12	gap at MS
12/10/10	80924	11:09:05 - 11:11:33	gap at MS
12/10/10	80925	12:49:04 - 12:51:26	gap at MS
12/10/10	80931	22:18:57 - 22:20:58	gap at MS
12/10/10	80923	09:24:32 - 09:25:56	gap at MA
12/10/10	80919	02:13:12 - 02:15:20	gap at MI
12/10/10	80920	03:50:25 - 03:53:19	gap at MI
12/10/10	80926	14:33:37 - 14:35:40	gap at MI
12/10/10	80927	16:10:27 - 16:12:43	gap at MI
12/10/10	80928	17:53:58 - 17:55:43	gap at MI
12/10/10	80917	23:54:26 - 23:55:57	gap at MM
12/10/10	80922	08:24:48 - 08:30:59	gap at MM
12/10/10	80919	02:53:18 - 02:55:46	gap at SG
12/10/10	80920	04:33:31 - 04:35:24	gap at SG
13/10/10	80932	00:52:26 - 01:06:12	gap at HO
13/10/10	80932	00:15:56 - 00:19:32	gap at KS
13/10/10	80933	02:10:57 - 02:23:19	gap at BE
13/10/10	80934	03:50:14 - 04:02:46	gap at BE
13/10/10	80934	03:18:57 - 03:29:54	gap at CM
13/10/10	80934	04:58:23 - 05:08:49	gap at CM
13/10/10	80935	06:12:14 - 06:18:23	gap at MM
13/10/10	80936	07:53:12 - 08:01:29	gap at MM
13/10/10	80936	07:30:53 - 07:44:57	gap at JO
13/10/10	80937	09:33:36 - 09:44:06	gap at MM
13/10/10	80937	09:10:26 - 09:23:57	gap at JO
13/10/10	80938	11:24:03 - 11:35:02	gap at HO
13/10/10	80938	11:13:44 - 11:25:43	gap at MM
13/10/10	80939	13:02:13 - 13:17:02	gap at HO
13/10/10	80939	12:53:38 - 13:06:17	gap at MM
13/10/10	80940	14:42:36 - 14:53:07	gap at HO
13/10/10	80940	13:56:17 - 14:03:15	gap at GS
13/10/10	80940	14:56:46 - 15:10:05	gap at SG
13/10/10	80941	15:07:33 - 15:19:31	gap at BE
13/10/10	80941	15:33:22 - 15:47:08	gap at GS
13/10/10	80941	16:37:24 - 16:47:39	gap at SG
13/10/10	80941	15:42:41 - 15:53:45	gap at CM
13/10/10	80942	17:51:51 - 18:04:24	gap at MM
13/10/10	80942	17:13:10 - 17:25:24	gap at GS
13/10/10	80942	17:22:10 - 17:32:29	gap at CM
13/10/10	80943	19:50:58 - 20:04:27	gap at JO
13/10/10	80944	21:29:56 - 21:44:03	gap at JO
13/10/10	80945	22:42:32 - 22:55:26	gap at HO
13/10/10	80936	07:05:36 - 07:07:22	gap at KS
13/10/10	80937	08:45:04 - 08:47:23	gap at KS
13/10/10	80938	10:24:41 - 10:27:02	gap at KS
13/10/10	80939	12:04:08 - 12:06:30	gap at KS

13/10/10	80940	13:43:05 - 13:45:29	gap at KS
13/10/10	80941	15:21:17 - 15:23:59	gap at KS
13/10/10	80942	16:58:59 - 17:01:26	gap at KS
13/10/10	80943	18:37:05 - 18:39:23	gap at KS
13/10/10	80944	20:16:29 - 20:18:21	gap at KS
13/10/10	80945	21:57:50 - 21:59:44	gap at KS
13/10/10	80946	23:42:00 - 23:43:37	gap at KS
13/10/10	80933	01:45:35 - 01:47:17	gap at GS
13/10/10	80934	03:24:10 - 03:26:00	gap at GS
13/10/10	80932	23:58:14 - 00:00:24	gap at MS
13/10/10	80938	10:38:37 - 10:41:07	gap at MS
13/10/10	80939	12:17:16 - 12:19:45	gap at MS
13/10/10	80945	21:49:11 - 21:51:02	gap at MS
13/10/10	80946	23:26:20 - 23:28:35	gap at MS
13/10/10	80938	10:32:42 - 10:34:29	gap at MA
13/10/10	80938	10:32:42 - 10:34:29	gap at MA
13/10/10	80944	20:09:12 - 20:11:43	gap at MA
13/10/10	80945	21:49:57 - 21:51:41	gap at MA
13/10/10	80933	01:45:14 - 01:47:02	gap at MI
13/10/10	80934	03:19:06 - 03:21:19	gap at MI
13/10/10	80935	05:01:47 - 05:03:51	gap at MI
13/10/10	80941	15:39:19 - 15:41:30	gap at MI
13/10/10	80942	17:20:00 - 17:22:09	gap at MI
13/10/10	80942	17:27:27 - 17:29:32	gap at MI
13/10/10	80932	01:04:16 - 01:05:32	gap at MM
13/10/10	80940	14:33:18 - 14:34:59	gap at MM
13/10/10	80940	14:37:55 - 14:46:00	gap at MM
13/10/10	80941	16:12:41 - 16:14:18	gap at MM
13/10/10	80943	19:31:02 - 19:32:56	gap at MM
13/10/10	80944	21:10:35 - 21:12:24	gap at MM
13/10/10	80945	22:50:53 - 22:52:23	gap at MM
13/10/10	80933	02:23:20 - 02:32:17	gap at SG
13/10/10	80934	04:01:15 - 04:09:57	gap at SG
13/10/10	80941	16:37:24 - 16:40:04	gap at SG
14/10/10	80946	00:20:34 - 00:35:12	gap at HO
14/10/10	80946	00:32:12 - 00:43:12	gap at MM
14/10/10	80947	02:04:47 - 02:12:07	gap at HO
14/10/10	80947	02:14:35 - 02:23:31	gap at MM
14/10/10	80948	03:18:46 - 03:32:04	gap at BE
14/10/10	80948	03:57:39 - 04:04:17	gap at MM
14/10/10	80950	07:00:55 - 07:13:02	gap at JO
14/10/10	80951	08:38:30 - 08:53:16	gap at JO
14/10/10	80952	10:42:17 - 10:53:54	gap at MM
14/10/10	80953	11:42:55 - 11:49:28	gap at MA
14/10/10	80954	12:57:21 - 13:08:49	gap at BE
14/10/10	80954	14:02:00 - 14:14:44	gap at MM
14/10/10	80954	14:26:40 - 14:37:56	gap at SG
14/10/10	80955	14:35:34 - 14:48:41	gap at BE

14/10/10	80955	15:02:22 - 15:15:18	gap at GS
14/10/10	80956	16:41:39 - 16:54:59	gap at GS
14/10/10	80956	16:50:15 - 17:02:18	gap at CM
14/10/10	80957	18:22:50 - 18:29:51	gap at GS
14/10/10	80957	19:20:59 - 19:31:36	gap at JO
14/10/10	80958	20:39:14 - 20:51:58	gap at MM
14/10/10	80958	19:38:48 - 19:50:55	gap at MA
14/10/10	80958	20:58:26 - 21:13:23	gap at JO
14/10/10	80959	22:12:38 - 22:23:50	gap at HO
14/10/10	80959	22:40:35 - 22:48:04	gap at JO
14/10/10	80960	23:49:30 - 00:03:57	gap at HO
14/10/10	80950	06:34:30 - 06:36:08	gap at KS
14/10/10	80951	08:13:45 - 08:16:07	gap at KS
14/10/10	80952	09:53:23 - 09:55:44	gap at KS
14/10/10	80953	11:32:55 - 11:35:20	gap at KS
14/10/10	80954	13:12:03 - 13:14:24	gap at KS
14/10/10	80955	14:50:43 - 14:53:10	gap at KS
14/10/10	80956	16:28:22 - 16:30:48	gap at KS
14/10/10	80957	18:06:09 - 18:08:45	gap at KS
14/10/10	80958	19:45:04 - 19:47:03	gap at KS
14/10/10	80959	21:25:44 - 21:27:36	gap at KS
14/10/10	80960	23:08:51 - 23:10:29	gap at KS
14/10/10	80947	01:15:32 - 01:17:20	gap at GS
14/10/10	80948	02:52:43 - 02:54:23	gap at GS
14/10/10	80949	04:34:45 - 04:36:30	gap at GS
14/10/10	80952	10:08:38 - 10:11:00	gap at MS
14/10/10	80953	11:45:49 - 11:48:14	gap at MS
14/10/10	80954	13:27:40 - 13:29:51	gap at MS
14/10/10	80960	22:55:06 - 22:57:02	gap at MS
14/10/10	80951	08:22:51 - 08:24:25	gap at MA
14/10/10	80952	10:01:25 - 10:03:11	gap at MA
14/10/10	80959	21:17:25 - 21:19:56	gap at MA
14/10/10	80948	02:48:26 - 02:50:41	gap at MI
14/10/10	80949	04:28:21 - 04:30:36	gap at MI
14/10/10	80955	15:08:40 - 15:10:50	gap at MI
14/10/10	80956	16:47:48 - 16:50:00	gap at MI
14/10/10	80951	09:02:05 - 09:06:12	gap at MM
14/10/10	80951	09:10:21 - 09:11:57	gap at MM
14/10/10	80953	12:22:16 - 12:23:39	gap at MM
14/10/10	80955	15:41:29 - 15:42:52	gap at MM
14/10/10	80956	17:20:42 - 17:23:02	gap at MM
14/10/10	80957	18:59:50 - 19:01:58	gap at MM
14/10/10	80959	22:19:16 - 22:21:11	gap at MM
14/10/10	80948	03:29:44 - 03:32:37	gap at SG
14/10/10	80948	03:39:38 - 03:43:37	gap at SG
14/10/10	80954	14:26:40 - 14:28:53	gap at SG
14/10/10	80948	02:49:38 - 02:55:10	gap at CM
14/10/10	80955	15:13:06 - 15:14:11	gap at CM

15/10/10	80960	23:49:30 - 00:03:57	gap at HO
15/10/10	80960	00:00:14 - 00:11:43	gap at MM
15/10/10	80961	01:30:34 - 01:42:23	gap at HO
15/10/10	80961	00:46:04 - 00:54:31	gap at GS
15/10/10	80962	02:47:32 - 03:00:53	gap at BE
15/10/10	80962	03:25:14 - 03:32:32	gap at MM
15/10/10	80962	02:58:50 - 03:12:12	gap at SG
15/10/10	80962	03:54:59 - 04:07:20	gap at CM
15/10/10	80963	04:27:45 - 04:38:20	gap at BE
15/10/10	80963	04:39:30 - 04:49:41	gap at SG
15/10/10	80964	06:49:50 - 06:56:40	gap at MM
15/10/10	80964	06:03:42 - 06:09:09	gap at KS
15/10/10	80964	05:38:35 - 05:42:40	gap at CM
15/10/10	80964	06:31:59 - 06:40:22	gap at JO
15/10/10	80965	07:52:55 - 07:59:48	gap at MA
15/10/10	80965	08:07:10 - 08:22:10	gap at JO
15/10/10	80966	09:49:22 - 09:59:18	gap at JO
15/10/10	80967	12:00:13 - 12:13:34	gap at HO
15/10/10	80967	11:50:52 - 12:03:11	gap at MM
15/10/10	80968	13:39:14 - 13:53:43	gap at HO
15/10/10	80968	13:30:41 - 13:43:24	gap at MM
15/10/10	80969	14:04:08 - 14:17:33	gap at BE
15/10/10	80969	15:20:34 - 15:28:10	gap at HO
15/10/10	80969	15:10:15 - 15:22:54	gap at MM
15/10/10	80969	14:31:40 - 14:42:40	gap at GS
15/10/10	80969	15:33:19 - 15:47:10	gap at SG
15/10/10	80970	15:46:27 - 15:55:15	gap at BE
15/10/10	80970	16:10:16 - 16:24:09	gap at GS
15/10/10	80970	16:18:56 - 16:31:19	gap at CM
15/10/10	80971	17:50:41 - 18:00:43	gap at GS
15/10/10	80971	18:01:33 - 18:06:10	gap at CM
15/10/10	80972	19:11:09 - 19:18:51	gap at MA
15/10/10	80972	20:27:16 - 20:42:09	gap at JO
15/10/10	80973	21:47:44 - 22:00:21	gap at MM
15/10/10	80973	22:07:43 - 22:19:24	gap at JO
15/10/10	80974	23:18:30 - 23:32:38	gap at HO
15/10/10	80965	07:42:29 - 07:44:23	gap at KS
15/10/10	80966	09:22:04 - 09:24:26	gap at KS
15/10/10	80967	11:01:39 - 11:04:02	gap at KS
15/10/10	80968	12:40:57 - 12:43:19	gap at KS
15/10/10	80969	14:19:47 - 14:22:12	gap at KS
15/10/10	80970	15:57:35 - 15:59:59	gap at KS
15/10/10	80971	17:35:30 - 17:37:56	gap at KS
15/10/10	80972	19:13:49 - 19:15:46	gap at KS
15/10/10	80973	20:53:52 - 20:55:45	gap at KS
15/10/10	80974	22:36:07 - 22:37:51	gap at KS
15/10/10	80962	02:22:54 - 02:24:29	gap at GS
15/10/10	80963	04:02:00 - 04:03:54	gap at GS

15/10/10	80961	00:37:08 - 00:38:54	gap at MS
15/10/10	80967	11:14:42 - 11:17:08	gap at MS
15/10/10	80968	12:54:54 - 12:57:19	gap at MS
15/10/10	80974	22:24:27 - 22:26:18	gap at MS
15/10/10	80966	09:30:11 - 09:32:08	gap at MA
15/10/10	80973	20:45:44 - 20:48:10	gap at MA
15/10/10	80962	02:18:31 - 02:20:42	gap at MI
15/10/10	80963	03:56:11 - 03:59:07	gap at MI
15/10/10	80969	14:38:51 - 14:40:59	gap at MI
15/10/10	80970	16:16:10 - 16:18:25	gap at MI
15/10/10	80961	01:42:18 - 01:43:29	gap at MM
15/10/10	80965	08:30:32 - 08:36:09	gap at MM
15/10/10	80966	10:10:49 - 10:12:11	gap at MM
15/10/10	80970	16:49:32 - 16:53:25	gap at MM
15/10/10	80970	16:59:10 - 17:02:04	gap at MM
15/10/10	80971	18:28:40 - 18:31:00	gap at MM
15/10/10	80972	20:07:56 - 20:09:51	gap at MM
15/10/10	80974	23:28:23 - 23:30:08	gap at MM
16/10/10	80975	00:58:16 - 01:11:47	gap at HO
16/10/10	80975	00:22:22 - 00:24:51	gap at KS
16/10/10	80976	02:16:33 - 02:29:09	gap at BE
16/10/10	80976	02:52:50 - 03:00:52	gap at MM
16/10/10	80976	02:28:42 - 02:40:03	gap at SG
16/10/10	80977	03:55:58 - 04:08:18	gap at BE
16/10/10	80977	04:07:03 - 04:19:55	gap at SG
16/10/10	80977	03:24:25 - 03:35:43	gap at CM
16/10/10	80977	05:04:20 - 05:14:15	gap at CM
16/10/10	80978	06:18:02 - 06:24:16	gap at MM
16/10/10	80979	07:58:57 - 08:07:22	gap at MM
16/10/10	80979	07:36:25 - 07:50:43	gap at JO
16/10/10	80980	09:16:19 - 09:29:29	gap at JO
16/10/10	80981	11:19:27 - 11:31:30	gap at MM
16/10/10	80982	12:59:20 - 13:12:00	gap at MM
16/10/10	80983	14:48:25 - 14:58:21	gap at HO
16/10/10	80983	14:38:59 - 14:51:41	gap at MM
16/10/10	80983	14:01:36 - 14:09:31	gap at GS
16/10/10	80983	15:02:19 - 15:15:51	gap at SG
16/10/10	80984	15:13:27 - 15:25:05	gap at BE
16/10/10	80984	16:18:21 - 16:30:55	gap at MM
16/10/10	80984	15:39:02 - 15:52:52	gap at GS
16/10/10	80984	16:43:27 - 16:52:55	gap at SG
16/10/10	80984	15:48:12 - 15:59:36	gap at CM
16/10/10	80985	17:57:31 - 18:10:04	gap at MM
16/10/10	80985	17:18:55 - 17:30:53	gap at GS
16/10/10	80985	17:28:03 - 17:37:52	gap at CM
16/10/10	80986	19:36:42 - 19:49:23	gap at MM
16/10/10	80986	19:56:31 - 20:10:19	gap at JO
16/10/10	80987	21:35:43 - 21:49:33	gap at JO

16/10/10	80988	22:48:03 - 23:01:09	gap at HO
16/10/10	80988	21:55:51 - 22:07:08	gap at MA
16/10/10	80979	07:11:16 - 07:13:07	gap at KS
16/10/10	80980	08:50:45 - 08:53:06	gap at KS
16/10/10	80981	10:30:22 - 10:32:45	gap at KS
16/10/10	80982	12:09:48 - 12:12:11	gap at KS
16/10/10	80983	13:48:43 - 13:51:09	gap at KS
16/10/10	80984	15:26:52 - 15:29:32	gap at KS
16/10/10	80985	17:04:34 - 17:07:00	gap at KS
16/10/10	80986	18:42:44 - 18:45:02	gap at KS
16/10/10	80987	20:22:13 - 20:24:05	gap at KS
16/10/10	80988	22:03:42 - 22:05:42	gap at KS
16/10/10	80989	23:48:06 - 23:49:29	gap at KS
16/10/10	80976	01:51:06 - 01:52:47	gap at GS
16/10/10	80977	03:29:57 - 03:31:38	gap at GS
16/10/10	80975	00:04:07 - 00:06:20	gap at MS
16/10/10	80981	10:44:06 - 10:46:32	gap at MS
16/10/10	80982	12:23:00 - 12:25:30	gap at MS
16/10/10	80988	21:54:32 - 21:56:20	gap at MS
16/10/10	80989	23:32:05 - 23:34:52	gap at MS
16/10/10	80981	10:38:24 - 10:40:15	gap at MA
16/10/10	80987	20:14:47 - 20:17:19	gap at MA
16/10/10	80976	01:50:00 - 01:52:00	gap at MI
16/10/10	80977	03:24:45 - 03:27:04	gap at MI
16/10/10	80978	05:08:10 - 05:10:06	gap at MI
16/10/10	80984	15:44:57 - 15:47:08	gap at MI
16/10/10	80985	17:25:57 - 17:33:07	gap at MI
16/10/10	80975	01:10:07 - 01:11:22	gap at MM
16/10/10	80980	09:39:20 - 09:40:38	gap at MM
16/10/10	80987	21:16:17 - 21:18:12	gap at MM
16/10/10	80988	22:56:39 - 22:58:11	gap at MM
17/10/10	80989	00:26:14 - 00:40:52	gap at HO
17/10/10	80989	00:38:01 - 00:48:55	gap at MM
17/10/10	80990	01:45:58 - 01:56:45	gap at BE
17/10/10	80990	02:20:28 - 02:29:15	gap at MM
17/10/10	80991	03:24:28 - 03:37:42	gap at BE
17/10/10	80991	03:35:25 - 03:49:16	gap at SG
17/10/10	80991	02:54:50 - 03:03:19	gap at CM
17/10/10	80991	04:32:03 - 04:44:00	gap at CM
17/10/10	80992	05:46:05 - 05:51:58	gap at MM
17/10/10	80993	07:06:18 - 07:18:53	gap at JO
17/10/10	80994	08:44:15 - 08:58:53	gap at JO
17/10/10	80996	11:48:56 - 11:54:34	gap at MA
17/10/10	80997	14:16:36 - 14:29:24	gap at HO
17/10/10	80997	14:32:04 - 14:43:51	gap at SG
17/10/10	80998	14:41:20 - 14:54:19	gap at BE
17/10/10	80998	15:07:59 - 15:21:08	gap at GS
17/10/10	80998	16:10:46 - 16:23:21	gap at SG

17/10/10	80998	15:18:21 - 15:26:52	gap at CM
17/10/10	80999	16:47:22 - 17:00:33	gap at GS
17/10/10	80999	16:56:00 - 17:07:51	gap at CM
17/10/10	81000	19:26:22 - 19:37:40	gap at JO
17/10/10	81001	19:44:18 - 19:56:44	gap at MA
17/10/10	81001	21:04:08 - 21:19:00	gap at JO
17/10/10	81002	22:18:01 - 22:29:37	gap at HO
17/10/10	81002	22:46:48 - 22:53:00	gap at JO
17/10/10	81003	23:55:08 - 00:09:38	gap at HO
17/10/10	80993	06:40:08 - 06:41:50	gap at KS
17/10/10	80994	08:19:27 - 08:21:47	gap at KS
17/10/10	80995	09:59:04 - 10:01:27	gap at KS
17/10/10	80996	11:38:35 - 11:41:02	gap at KS
17/10/10	80997	13:17:42 - 13:20:04	gap at KS
17/10/10	80998	14:56:18 - 14:58:45	gap at KS
17/10/10	80999	16:33:56 - 16:36:23	gap at KS
17/10/10	81000	18:11:46 - 18:14:20	gap at KS
17/10/10	81001	19:50:46 - 19:52:47	gap at KS
17/10/10	81002	21:31:33 - 21:33:31	gap at KS
17/10/10	81003	23:14:51 - 23:16:29	gap at KS
17/10/10	80990	01:20:57 - 01:22:45	gap at GS
17/10/10	80991	02:58:24 - 03:00:14	gap at GS
17/10/10	80992	04:40:49 - 04:42:33	gap at GS
17/10/10	80995	10:14:00 - 10:16:26	gap at MS
17/10/10	80996	11:51:27 - 11:53:58	gap at MS
17/10/10	81003	23:00:44 - 23:02:35	gap at MS
17/10/10	80994	08:28:21 - 08:30:13	gap at MA
17/10/10	80995	10:07:08 - 10:08:54	gap at MA
17/10/10	81002	21:23:11 - 21:25:40	gap at MA
17/10/10	80991	02:53:58 - 02:56:11	gap at MI
17/10/10	80992	04:34:18 - 04:36:30	gap at MI
17/10/10	80998	15:14:12 - 15:16:24	gap at MI
17/10/10	80999	16:53:36 - 16:55:48	gap at MI
17/10/10	80994	09:07:49 - 09:12:28	gap at MM
17/10/10	80994	09:16:15 - 09:17:48	gap at MM
17/10/10	80995	10:48:00 - 10:49:24	gap at MM
17/10/10	80996	12:27:58 - 12:29:20	gap at MM
17/10/10	80997	14:07:42 - 14:09:20	gap at MM
17/10/10	80997	14:13:09 - 14:20:25	gap at MM
17/10/10	80998	15:47:09 - 15:48:34	gap at MM
17/10/10	80999	17:26:22 - 17:28:52	gap at MM
17/10/10	81000	19:05:30 - 19:07:39	gap at MM
17/10/10	81001	20:44:55 - 20:46:41	gap at MM
17/10/10	81002	22:25:00 - 22:26:48	gap at MM
18/10/10	81003	23:55:08 - 00:09:38	gap at HO
18/10/10	81003	00:06:03 - 00:17:27	gap at MM
18/10/10	81004	01:36:27 - 01:47:54	gap at HO
18/10/10	81004	01:48:10 - 01:57:41	gap at MM

18/10/10	81005	02:53:12 - 03:06:35	gap at BE
18/10/10	81005	03:31:08 - 03:38:18	gap at MM
18/10/10	81005	04:00:37 - 04:13:02	gap at CM
18/10/10	81006	04:33:34 - 04:43:43	gap at BE
18/10/10	81007	06:37:08 - 06:46:24	gap at JO
18/10/10	81008	08:12:49 - 08:27:51	gap at JO
18/10/10	81009	09:55:33 - 10:04:34	gap at JO
18/10/10	81011	14:03:05 - 14:10:40	gap at SG
18/10/10	81012	14:09:49 - 14:23:14	gap at BE
18/10/10	81012	14:37:13 - 14:48:09	gap at GS
18/10/10	81013	15:52:36 - 16:00:37	gap at BE
18/10/10	81013	16:15:57 - 16:29:47	gap at GS
18/10/10	81014	18:34:20 - 18:46:55	gap at MM
18/10/10	81014	17:56:30 - 18:06:04	gap at GS
18/10/10	81015	19:16:24 - 19:24:43	gap at MA
18/10/10	81015	20:32:55 - 20:47:52	gap at JO
18/10/10	81016	21:48:52 - 21:57:36	gap at HO
18/10/10	81017	23:24:07 - 23:38:20	gap at HO
18/10/10	81017	23:34:10 - 23:45:59	gap at MM
18/10/10	81007	06:09:15 - 06:10:40	gap at KS
18/10/10	81008	07:48:10 - 07:50:31	gap at KS
18/10/10	81009	09:27:46 - 09:30:07	gap at KS
18/10/10	81010	11:07:20 - 11:09:45	gap at KS
18/10/10	81011	12:46:37 - 12:48:59	gap at KS
18/10/10	81012	14:25:25 - 14:27:52	gap at KS
18/10/10	81013	16:03:10 - 16:05:37	gap at KS
18/10/10	81014	17:41:05 - 17:43:33	gap at KS
18/10/10	81015	19:19:29 - 19:21:27	gap at KS
18/10/10	81016	20:59:38 - 21:01:31	gap at KS
18/10/10	81017	22:42:02 - 22:44:00	gap at KS
18/10/10	81004	00:51:22 - 00:53:08	gap at GS
18/10/10	81005	02:28:06 - 02:29:53	gap at GS
18/10/10	81006	04:07:54 - 04:09:46	gap at GS
18/10/10	81004	00:43:20 - 00:45:01	gap at MS
18/10/10	81010	11:20:20 - 11:22:50	gap at MS
18/10/10	81011	13:00:48 - 13:03:11	gap at MS
18/10/10	81017	22:29:59 - 22:31:54	gap at MS
18/10/10	81009	09:35:51 - 09:37:51	gap at MA
18/10/10	81016	20:51:24 - 20:53:58	gap at MA
18/10/10	81005	02:23:53 - 02:26:05	gap at MI
18/10/10	81006	04:01:58 - 04:04:56	gap at MI
18/10/10	81012	14:44:10 - 14:46:20	gap at MI
18/10/10	81013	16:21:53 - 16:24:08	gap at MI
18/10/10	81008	08:36:16 - 08:37:28	gap at MM
18/10/10	81009	10:16:33 - 10:17:55	gap at MM
18/10/10	81010	11:56:35 - 11:58:25	gap at MM
18/10/10	81011	13:36:23 - 13:37:48	gap at MM
18/10/10	81012	15:15:55 - 15:17:18	gap at MM

18/10/10	81013	16:55:12 - 16:56:53	gap at MM
18/10/10	81015	20:13:37 - 20:15:32	gap at MM
18/10/10	81016	21:53:27 - 21:55:51	gap at MM
18/10/10	81005	03:04:24 - 03:07:08	gap at SG
18/10/10	81005	03:15:23 - 03:17:57	gap at SG
18/10/10	81006	04:45:33 - 04:47:22	gap at SG
18/10/10	81011	14:03:05 - 14:04:58	gap at SG
18/10/10	81013	16:24:35 - 16:25:55	gap at CM
19/10/10	81018	01:04:05 - 01:17:23	gap at HO
19/10/10	81019	02:22:10 - 02:34:58	gap at BE
19/10/10	81019	02:34:07 - 02:45:57	gap at SG
19/10/10	81019	03:29:55 - 03:41:30	gap at CM
19/10/10	81020	04:01:44 - 04:13:48	gap at BE
19/10/10	81020	04:41:46 - 04:47:44	gap at MM
19/10/10	81020	04:12:53 - 04:25:24	gap at SG
19/10/10	81021	06:23:49 - 06:30:10	gap at MM
19/10/10	81022	07:41:58 - 07:56:28	gap at JO
19/10/10	81023	09:45:04 - 09:55:47	gap at MM
19/10/10	81023	09:22:15 - 09:34:58	gap at JO
19/10/10	81024	11:35:04 - 11:47:07	gap at HO
19/10/10	81025	13:13:35 - 13:28:24	gap at HO
19/10/10	81025	13:05:02 - 13:17:43	gap at MM
19/10/10	81026	14:54:14 - 15:03:43	gap at HO
19/10/10	81026	14:44:40 - 14:57:22	gap at MM
19/10/10	81026	14:06:59 - 14:15:41	gap at GS
19/10/10	81026	15:07:55 - 15:21:35	gap at SG
19/10/10	81027	15:19:22 - 15:30:37	gap at BE
19/10/10	81027	15:44:42 - 15:58:35	gap at GS
19/10/10	81027	16:49:34 - 16:58:07	gap at SG
19/10/10	81028	17:24:41 - 17:36:21	gap at GS
19/10/10	81029	18:47:33 - 18:51:43	gap at MA
19/10/10	81029	20:02:04 - 20:16:09	gap at JO
19/10/10	81030	20:20:22 - 20:34:10	gap at MA
19/10/10	81030	21:41:29 - 21:55:02	gap at JO
19/10/10	81031	22:53:39 - 23:06:53	gap at HO
19/10/10	81022	07:16:56 - 07:18:42	gap at KS
19/10/10	81023	08:56:27 - 08:58:49	gap at KS
19/10/10	81024	10:36:04 - 10:38:28	gap at KS
19/10/10	81025	12:15:28 - 12:17:52	gap at KS
19/10/10	81026	13:54:22 - 13:56:51	gap at KS
19/10/10	81027	15:32:27 - 15:35:05	gap at KS
19/10/10	81028	17:10:11 - 17:12:40	gap at KS
19/10/10	81029	18:48:22 - 18:50:36	gap at KS
19/10/10	81030	20:27:57 - 20:29:52	gap at KS
19/10/10	81031	22:09:34 - 22:11:28	gap at KS
19/10/10	81032	23:54:12 - 23:55:38	gap at KS
19/10/10	81019	01:56:38 - 01:58:18	gap at GS
19/10/10	81020	03:35:44 - 03:37:36	gap at GS

19/10/10	81018	00:10:01 - 00:12:10	gap at MS
19/10/10	81024	10:49:36 - 10:52:05	gap at MS
19/10/10	81025	12:28:44 - 12:31:14	gap at MS
19/10/10	81031	21:59:54 - 22:01:48	gap at MS
19/10/10	81032	23:37:51 - 23:40:00	gap at MS
19/10/10	81024	10:44:09 - 10:45:57	gap at MA
19/10/10	81031	22:01:51 - 22:03:34	gap at MA
19/10/10	81019	01:54:59 - 01:57:03	gap at MI
19/10/10	81020	03:30:25 - 03:34:05	gap at MI
19/10/10	81021	05:14:50 - 05:16:37	gap at MI
19/10/10	81027	15:50:36 - 15:52:53	gap at MI
19/10/10	81028	17:31:58 - 17:34:09	gap at MI
19/10/10	81018	01:15:58 - 01:17:14	gap at MM
19/10/10	81022	08:04:42 - 08:09:25	gap at MM
19/10/10	81024	11:25:10 - 11:26:33	gap at MM
19/10/10	81027	16:24:01 - 16:25:44	gap at MM
19/10/10	81028	18:03:11 - 18:05:54	gap at MM
19/10/10	81029	19:42:23 - 19:44:21	gap at MM
19/10/10	81030	21:22:00 - 21:24:05	gap at MM
19/10/10	81031	23:02:24 - 23:03:56	gap at MM
19/10/10	81020	05:10:20 - 05:11:40	gap at CM
19/10/10	81027	15:53:44 - 15:55:12	gap at CM
19/10/10	81028	17:33:59 - 17:35:06	gap at CM
20/10/10	81032	00:32:01 - 00:46:32	gap at HO
20/10/10	81033	01:51:29 - 02:02:42	gap at BE
20/10/10	81033	02:05:04 - 02:12:46	gap at SG
20/10/10	81034	03:30:11 - 03:43:18	gap at BE
20/10/10	81034	04:09:26 - 04:15:51	gap at MM
20/10/10	81034	03:41:07 - 03:54:53	gap at SG
20/10/10	81036	07:11:43 - 07:24:42	gap at JO
20/10/10	81037	09:13:33 - 09:23:39	gap at MM
20/10/10	81037	08:50:02 - 09:04:29	gap at JO
20/10/10	81038	11:05:10 - 11:13:57	gap at HO
20/10/10	81039	12:42:26 - 12:57:09	gap at HO
20/10/10	81039	11:55:05 - 11:59:33	gap at MA
20/10/10	81040	14:22:22 - 14:34:55	gap at HO
20/10/10	81040	14:37:30 - 14:49:44	gap at SG
20/10/10	81041	14:47:07 - 14:59:56	gap at BE
20/10/10	81041	15:52:50 - 16:05:25	gap at MM
20/10/10	81041	15:13:37 - 15:26:57	gap at GS
20/10/10	81041	16:16:37 - 16:28:49	gap at SG
20/10/10	81042	16:53:05 - 17:06:06	gap at GS
20/10/10	81043	19:31:47 - 19:43:41	gap at JO
20/10/10	81044	19:49:48 - 20:02:37	gap at MA
20/10/10	81044	21:09:51 - 21:24:36	gap at JO
20/10/10	81045	22:23:26 - 22:35:22	gap at HO
20/10/10	81032	23:54:12 - 23:55:38	gap at KS
20/10/10	81036	06:45:47 - 06:47:31	gap at KS

20/10/10	81037	08:25:08 - 08:27:31	gap at KS
20/10/10	81038	10:04:46 - 10:07:10	gap at KS
20/10/10	81039	11:44:16 - 11:46:44	gap at KS
20/10/10	81040	13:23:21 - 13:25:43	gap at KS
20/10/10	81041	15:01:53 - 15:04:24	gap at KS
20/10/10	81042	16:39:29 - 16:41:58	gap at KS
20/10/10	81043	18:17:23 - 18:19:58	gap at KS
20/10/10	81044	19:56:28 - 19:58:32	gap at KS
20/10/10	81045	21:37:22 - 21:39:20	gap at KS
20/10/10	81046	23:20:51 - 23:22:29	gap at KS
20/10/10	81033	01:26:24 - 01:28:14	gap at GS
20/10/10	81034	03:04:06 - 03:05:57	gap at GS
20/10/10	81035	04:46:55 - 04:48:34	gap at GS
20/10/10	81038	10:19:26 - 10:21:54	gap at MS
20/10/10	81039	11:57:09 - 11:59:38	gap at MS
20/10/10	81046	23:06:23 - 23:08:34	gap at MS
20/10/10	81037	08:33:56 - 08:35:23	gap at MA
20/10/10	81038	10:12:51 - 10:14:33	gap at MA
20/10/10	81045	21:28:58 - 21:31:22	gap at MA
20/10/10	81034	02:59:31 - 03:01:47	gap at MI
20/10/10	81035	04:40:18 - 04:42:26	gap at MI
20/10/10	81041	15:19:45 - 15:21:57	gap at MI
20/10/10	81042	16:59:25 - 17:01:41	gap at MI
20/10/10	81032	00:43:51 - 00:45:10	gap at MM
20/10/10	81033	02:26:21 - 02:27:27	gap at MM
20/10/10	81038	10:53:43 - 10:55:06	gap at MM
20/10/10	81039	12:33:41 - 12:35:05	gap at MM
20/10/10	81040	14:13:23 - 14:15:07	gap at MM
20/10/10	81040	14:18:40 - 14:26:07	gap at MM
20/10/10	81042	17:32:02 - 17:34:37	gap at MM
20/10/10	81043	19:11:10 - 19:13:22	gap at MM
20/10/10	81044	20:50:37 - 20:52:23	gap at MM
20/10/10	81045	22:30:45 - 22:32:28	gap at MM
20/10/10	81034	03:00:07 - 03:01:26	gap at CM
20/10/10	81041	15:23:40 - 15:24:48	gap at CM
20/10/10	81042	17:01:46 - 17:03:10	gap at CM
21/10/10	81046	00:00:48 - 00:15:19	gap at HO
21/10/10	81047	01:42:37 - 01:53:25	gap at HO
21/10/10	81048	02:58:52 - 03:12:17	gap at BE
21/10/10	81048	03:10:00 - 03:23:42	gap at SG
21/10/10	81048	02:32:56 - 02:34:43	gap at CM
21/10/10	81049	04:39:23 - 04:49:05	gap at BE
21/10/10	81050	06:42:20 - 06:52:23	gap at JO
21/10/10	81051	08:03:53 - 08:13:12	gap at MA
21/10/10	81051	08:18:30 - 08:33:31	gap at JO
21/10/10	81052	10:01:51 - 10:09:44	gap at JO
21/10/10	81053	12:11:28 - 12:25:18	gap at HO
21/10/10	81053	11:22:31 - 11:30:54	gap at MA

21/10/10	81054	13:50:40 - 14:04:56	gap at HO
21/10/10	81054	14:08:11 - 14:16:52	gap at SG
21/10/10	81055	14:15:30 - 14:28:54	gap at BE
21/10/10	81055	15:21:36 - 15:34:15	gap at MM
21/10/10	81055	14:42:47 - 14:53:37	gap at GS
21/10/10	81055	15:44:44 - 15:58:24	gap at SG
21/10/10	81056	15:58:50 - 16:05:54	gap at BE
21/10/10	81056	17:00:52 - 17:13:24	gap at MM
21/10/10	81056	16:21:39 - 16:35:25	gap at GS
21/10/10	81056	16:30:16 - 16:42:40	gap at CM
21/10/10	81057	18:02:19 - 18:11:24	gap at GS
21/10/10	81057	19:02:44 - 19:09:46	gap at JO
21/10/10	81058	20:19:19 - 20:32:02	gap at MM
21/10/10	81058	19:21:42 - 19:30:34	gap at MA
21/10/10	81058	20:38:34 - 20:53:34	gap at JO
21/10/10	81059	21:54:05 - 22:03:28	gap at HO
21/10/10	81059	22:19:31 - 22:30:01	gap at JO
21/10/10	81060	23:29:43 - 23:44:02	gap at HO
21/10/10	81060	23:39:58 - 23:51:42	gap at MM
21/10/10	81060	22:42:26 - 22:47:40	gap at MA
21/10/10	81050	06:14:50 - 06:16:21	gap at KS
21/10/10	81051	07:53:51 - 07:56:12	gap at KS
21/10/10	81052	09:33:27 - 09:35:50	gap at KS
21/10/10	81053	11:13:01 - 11:15:27	gap at KS
21/10/10	81054	12:52:16 - 12:54:41	gap at KS
21/10/10	81055	14:31:02 - 14:33:30	gap at KS
21/10/10	81056	16:08:45 - 16:11:12	gap at KS
21/10/10	81057	17:46:40 - 17:49:11	gap at KS
21/10/10	81058	19:25:10 - 19:27:10	gap at KS
21/10/10	81059	21:05:25 - 21:07:19	gap at KS
21/10/10	81060	22:47:59 - 22:49:54	gap at KS
21/10/10	81047	00:56:42 - 00:58:08	gap at GS
21/10/10	81048	02:32:55 - 02:34:43	gap at GS
21/10/10	81049	04:13:49 - 04:15:41	gap at GS
21/10/10	81047	00:49:39 - 00:51:07	gap at MS
21/10/10	81053	11:25:59 - 11:28:31	gap at MS
21/10/10	81054	13:06:41 - 13:09:10	gap at MS
21/10/10	81060	22:35:31 - 22:37:37	gap at MS
21/10/10	81052	09:41:31 - 09:43:28	gap at MA
21/10/10	81059	20:57:07 - 20:59:41	gap at MA
21/10/10	81048	02:29:18 - 02:31:30	gap at MI
21/10/10	81049	04:07:47 - 04:10:47	gap at MI
21/10/10	81055	14:49:33 - 14:51:46	gap at MI
21/10/10	81056	16:27:37 - 16:29:56	gap at MI
21/10/10	81046	00:11:51 - 00:13:15	gap at MM
21/10/10	81047	01:54:02 - 01:55:14	gap at MM
21/10/10	81048	03:37:02 - 03:38:03	gap at MM
21/10/10	81051	08:42:01 - 08:46:02	gap at MM

21/10/10	81051	08:49:52 - 08:51:26	gap at MM
21/10/10	81052	10:22:16 - 10:23:40	gap at MM
21/10/10	81053	12:02:17 - 12:04:03	gap at MM
21/10/10	81054	13:42:05 - 13:43:31	gap at MM
21/10/10	81057	18:40:00 - 18:42:12	gap at MM
21/10/10	81059	21:59:11 - 22:01:25	gap at MM
21/10/10	81049	04:51:40 - 04:53:29	gap at SG
22/10/10	81061	01:09:53 - 01:22:58	gap at HO
22/10/10	81062	02:27:47 - 02:40:45	gap at BE
22/10/10	81062	03:35:26 - 03:47:17	gap at CM
22/10/10	81063	04:07:29 - 04:19:17	gap at BE
22/10/10	81064	06:29:36 - 06:36:03	gap at MM
22/10/10	81065	07:47:32 - 08:02:11	gap at JO
22/10/10	81066	09:50:47 - 10:01:36	gap at MM
22/10/10	81066	09:28:12 - 09:40:27	gap at JO
22/10/10	81067	11:30:53 - 11:43:02	gap at MM
22/10/10	81068	13:10:44 - 13:23:26	gap at MM
22/10/10	81069	15:00:05 - 15:09:12	gap at HO
22/10/10	81069	14:50:21 - 15:03:03	gap at MM
22/10/10	81069	14:21:14 - 14:25:08	gap at MI
22/10/10	81069	14:12:25 - 14:21:48	gap at GS
22/10/10	81069	15:13:31 - 15:27:18	gap at SG
22/10/10	81070	15:25:19 - 15:36:09	gap at BE
22/10/10	81070	16:29:42 - 16:42:15	gap at MM
22/10/10	81070	15:56:15 - 16:09:38	gap at MI
22/10/10	81070	15:50:22 - 16:04:18	gap at GS
22/10/10	81071	18:08:51 - 18:21:24	gap at MM
22/10/10	81071	17:38:02 - 17:45:06	gap at MI
22/10/10	81071	17:30:27 - 17:41:48	gap at GS
22/10/10	81072	19:48:03 - 20:00:45	gap at MM
22/10/10	81072	18:53:07 - 18:57:26	gap at MA
22/10/10	81072	20:07:39 - 20:21:58	gap at JO
22/10/10	81073	21:27:43 - 21:40:23	gap at MM
22/10/10	81073	20:25:59 - 20:39:45	gap at MA
22/10/10	81073	21:47:17 - 22:00:30	gap at JO
22/10/10	81074	22:59:14 - 23:12:37	gap at HO
22/10/10	81074	23:08:11 - 23:20:16	gap at MM
22/10/10	81065	07:22:36 - 07:24:31	gap at KS
22/10/10	81066	09:02:08 - 09:04:32	gap at KS
22/10/10	81067	10:41:45 - 10:44:10	gap at KS
22/10/10	81068	12:21:08 - 12:23:32	gap at KS
22/10/10	81069	14:00:02 - 14:02:31	gap at KS
22/10/10	81070	15:38:03 - 15:40:34	gap at KS
22/10/10	81071	17:15:52 - 17:18:20	gap at KS
22/10/10	81072	18:54:01 - 18:56:12	gap at KS
22/10/10	81073	20:33:42 - 20:35:33	gap at KS
22/10/10	81074	22:15:27 - 22:17:23	gap at KS
22/10/10	81062	02:02:10 - 02:03:56	gap at GS

22/10/10	81063	03:41:32 - 03:43:22	gap at GS
22/10/10	81061	00:15:58 - 00:18:05	gap at MS
22/10/10	81067	10:55:03 - 10:57:28	gap at MS
22/10/10	81068	12:34:29 - 12:36:53	gap at MS
22/10/10	81074	22:05:19 - 22:07:10	gap at MS
22/10/10	81075	23:43:39 - 23:45:52	gap at MS
22/10/10	81067	10:49:55 - 10:51:43	gap at MA
22/10/10	81074	22:08:21 - 22:09:29	gap at MA
22/10/10	81062	02:00:06 - 02:02:14	gap at MI
22/10/10	81063	03:36:07 - 03:39:04	gap at MI
22/10/10	81061	01:21:48 - 01:23:05	gap at MM
22/10/10	81062	03:04:37 - 03:05:37	gap at MM
22/10/10	81065	08:10:26 - 08:14:56	gap at MM
22/10/10	81062	02:39:33 - 02:41:45	gap at SG
22/10/10	81062	02:46:39 - 02:51:50	gap at SG
22/10/10	81063	04:18:44 - 04:20:50	gap at SG
22/10/10	81063	04:27:57 - 04:30:52	gap at SG
22/10/10	81069	15:13:31 - 15:15:55	gap at SG
22/10/10	81070	16:55:47 - 16:58:14	gap at SG
22/10/10	81062	03:35:26 - 03:36:46	gap at CM
22/10/10	81064	05:16:24 - 05:17:44	gap at CM
22/10/10	81070	15:59:18 - 16:00:57	gap at CM
22/10/10	81071	17:39:57 - 17:41:05	gap at CM
23/10/10	81075	00:37:54 - 00:52:11	gap at HO
23/10/10	81075	00:00:21 - 00:05:49	gap at KS
23/10/10	81076	01:57:01 - 02:08:38	gap at BE
23/10/10	81076	02:32:14 - 02:40:45	gap at MM
23/10/10	81077	03:35:54 - 03:48:53	gap at BE
23/10/10	81077	04:15:19 - 04:21:38	gap at MM
23/10/10	81077	03:05:05 - 03:18:10	gap at MI
23/10/10	81078	05:57:43 - 06:03:42	gap at MM
23/10/10	81078	04:46:21 - 04:55:54	gap at MI
23/10/10	81079	07:38:49 - 07:46:45	gap at MM
23/10/10	81079	07:17:10 - 07:30:30	gap at JO
23/10/10	81080	09:19:17 - 09:29:30	gap at MM
23/10/10	81080	08:55:50 - 09:10:04	gap at JO
23/10/10	81083	14:28:08 - 14:40:10	gap at HO
23/10/10	81083	14:42:58 - 14:55:35	gap at SG
23/10/10	81084	14:52:56 - 15:05:33	gap at BE
23/10/10	81084	15:19:15 - 15:32:44	gap at GS
23/10/10	81085	16:58:49 - 17:11:38	gap at GS
23/10/10	81085	17:07:34 - 17:18:53	gap at CM
23/10/10	81086	19:37:14 - 19:49:39	gap at JO
23/10/10	81087	21:15:35 - 21:30:11	gap at JO
23/10/10	81088	22:28:52 - 22:41:06	gap at HO
23/10/10	81079	06:51:26 - 06:53:16	gap at KS
23/10/10	81080	08:30:50 - 08:33:14	gap at KS
23/10/10	81081	10:10:27 - 10:12:52	gap at KS

23/10/10	81082	11:49:57 - 11:52:25	gap at KS
23/10/10	81083	13:28:59 - 13:31:23	gap at KS
23/10/10	81084	15:07:26 - 15:10:04	gap at KS
23/10/10	81085	16:45:03 - 16:47:33	gap at KS
23/10/10	81086	18:23:01 - 18:25:28	gap at KS
23/10/10	81087	20:02:11 - 20:04:12	gap at KS
23/10/10	81088	21:43:12 - 21:45:13	gap at KS
23/10/10	81089	23:26:52 - 23:28:30	gap at KS
23/10/10	81076	01:31:51 - 01:33:44	gap at GS
23/10/10	81077	03:09:49 - 03:11:42	gap at GS
23/10/10	81081	10:24:53 - 10:27:25	gap at MS
23/10/10	81082	12:02:55 - 12:05:16	gap at MS
23/10/10	81089	23:12:04 - 23:14:15	gap at MS
23/10/10	81080	08:39:42 - 08:41:14	gap at MA
23/10/10	81081	10:18:32 - 10:20:14	gap at MA
23/10/10	81087	19:55:19 - 19:58:01	gap at MA
23/10/10	81088	21:34:46 - 21:37:05	gap at MA
23/10/10	81084	15:25:19 - 15:27:34	gap at MI
23/10/10	81085	17:05:16 - 17:07:32	gap at MI
23/10/10	81075	00:49:41 - 00:51:02	gap at MM
23/10/10	81081	10:59:27 - 11:00:55	gap at MM
23/10/10	81082	12:39:23 - 12:40:50	gap at MM
23/10/10	81083	14:19:05 - 14:20:52	gap at MM
23/10/10	81083	14:24:58 - 14:31:48	gap at MM
23/10/10	81084	15:58:30 - 15:59:54	gap at MM
23/10/10	81085	17:37:41 - 17:40:17	gap at MM
23/10/10	81086	19:16:51 - 19:18:57	gap at MM
23/10/10	81087	20:56:19 - 20:58:06	gap at MM
23/10/10	81088	22:36:30 - 22:38:14	gap at MM
23/10/10	81076	02:10:11 - 02:12:17	gap at SG
23/10/10	81077	03:46:51 - 03:49:06	gap at SG
23/10/10	81083	14:42:58 - 14:47:16	gap at SG
23/10/10	81084	16:22:31 - 16:25:08	gap at SG
23/10/10	81077	03:05:26 - 03:06:40	gap at CM
23/10/10	81084	15:29:03 - 15:30:34	gap at CM
24/10/10	81089	00:06:25 - 00:21:00	gap at HO
24/10/10	81089	00:17:40 - 00:28:53	gap at MM
24/10/10	81090	01:48:58 - 01:58:53	gap at HO
24/10/10	81091	03:04:32 - 03:17:57	gap at BE
24/10/10	81091	02:37:11 - 02:41:41	gap at CM
24/10/10	81091	04:11:58 - 04:24:21	gap at CM
24/10/10	81092	04:45:15 - 04:54:25	gap at BE
24/10/10	81093	06:47:35 - 06:58:19	gap at JO
24/10/10	81094	08:24:11 - 08:39:11	gap at JO
24/10/10	81095	10:08:17 - 10:14:45	gap at JO
24/10/10	81096	11:28:24 - 11:36:24	gap at MA
24/10/10	81097	13:56:25 - 14:10:23	gap at HO
24/10/10	81097	14:13:23 - 14:22:58	gap at SG

24/10/10	81098	14:21:13 - 14:34:34	gap at BE
24/10/10	81098	15:27:17 - 15:39:55	gap at MM
24/10/10	81098	14:48:22 - 15:00:39	gap at GS
24/10/10	81098	15:50:29 - 16:03:59	gap at SG
24/10/10	81098	15:00:41 - 15:04:38	gap at CM
24/10/10	81099	16:05:11 - 16:11:05	gap at BE
24/10/10	81099	16:27:22 - 16:41:01	gap at GS
24/10/10	81099	16:35:57 - 16:48:19	gap at CM
24/10/10	81100	18:08:09 - 18:16:43	gap at GS
24/10/10	81100	19:07:49 - 19:16:08	gap at JO
24/10/10	81101	20:25:00 - 20:37:44	gap at MM
24/10/10	81101	19:27:03 - 19:36:24	gap at MA
24/10/10	81101	20:44:14 - 20:59:15	gap at JO
24/10/10	81102	22:04:55 - 22:17:27	gap at MM
24/10/10	81102	21:03:00 - 21:16:26	gap at MA
24/10/10	81102	22:25:28 - 22:35:15	gap at JO
24/10/10	81103	23:35:21 - 23:49:44	gap at HO
24/10/10	81103	23:45:45 - 23:57:25	gap at MM
24/10/10	81093	06:20:27 - 06:22:01	gap at KS
24/10/10	81094	07:59:32 - 08:01:54	gap at KS
24/10/10	81095	09:39:09 - 09:41:33	gap at KS
24/10/10	81096	11:18:42 - 11:21:09	gap at KS
24/10/10	81097	12:57:55 - 13:00:20	gap at KS
24/10/10	81098	14:36:40 - 14:39:08	gap at KS
24/10/10	81099	16:14:20 - 16:16:50	gap at KS
24/10/10	81100	17:52:14 - 17:54:52	gap at KS
24/10/10	81101	19:30:50 - 19:32:48	gap at KS
24/10/10	81102	21:11:13 - 21:13:05	gap at KS
24/10/10	81103	22:53:56 - 22:55:43	gap at KS
24/10/10	81090	01:02:03 - 01:03:41	gap at GS
24/10/10	81091	02:38:34 - 02:40:25	gap at GS
24/10/10	81092	04:19:45 - 04:21:39	gap at GS
24/10/10	81096	11:31:39 - 11:34:13	gap at MS
24/10/10	81097	13:12:35 - 13:14:59	gap at MS
24/10/10	81103	22:41:05 - 22:43:07	gap at MS
24/10/10	81094	08:09:14 - 08:10:40	gap at MA
24/10/10	81095	09:47:12 - 09:48:57	gap at MA
24/10/10	81091	02:34:44 - 02:36:56	gap at MI
24/10/10	81092	04:13:37 - 04:15:54	gap at MI
24/10/10	81098	14:54:58 - 14:57:13	gap at MI
24/10/10	81099	16:33:21 - 16:35:40	gap at MI
24/10/10	81090	01:59:54 - 02:01:07	gap at MM
24/10/10	81091	03:42:55 - 03:43:55	gap at MM
24/10/10	81094	08:47:45 - 08:51:26	gap at MM
24/10/10	81095	10:27:59 - 10:29:26	gap at MM
24/10/10	81096	12:08:00 - 12:09:42	gap at MM
24/10/10	81097	13:47:46 - 13:49:30	gap at MM
24/10/10	81097	13:54:20 - 14:00:30	gap at MM

24/10/10	81099	17:06:32 - 17:08:31	gap at MM
24/10/10	81100	18:45:40 - 18:47:55	gap at MM
24/10/10	81091	03:15:37 - 03:18:07	gap at SG
24/10/10	81092	04:57:53 - 05:00:15	gap at SG
25/10/10	81104	01:15:43 - 01:28:32	gap at HO
25/10/10	81104	01:27:40 - 01:37:37	gap at MM
25/10/10	81105	02:33:25 - 02:46:32	gap at BE
25/10/10	81105	03:10:30 - 03:18:08	gap at MM
25/10/10	81105	03:40:59 - 03:53:02	gap at CM
25/10/10	81106	04:13:16 - 04:24:45	gap at BE
25/10/10	81106	04:53:30 - 04:59:22	gap at MM
25/10/10	81106	03:41:49 - 03:55:06	gap at MI
25/10/10	81107	06:35:23 - 06:41:56	gap at MM
25/10/10	81107	05:49:59 - 05:52:29	gap at KS
25/10/10	81107	05:22:33 - 05:30:13	gap at CM
25/10/10	81108	07:53:07 - 08:07:55	gap at JO
25/10/10	81109	09:34:11 - 09:45:53	gap at JO
25/10/10	81111	13:16:26 - 13:29:08	gap at MM
25/10/10	81112	15:05:55 - 15:14:40	gap at HO
25/10/10	81112	14:56:02 - 15:08:43	gap at MM
25/10/10	81112	14:17:53 - 14:27:53	gap at GS
25/10/10	81112	15:19:09 - 15:33:00	gap at SG
25/10/10	81113	15:31:18 - 15:41:39	gap at BE
25/10/10	81113	16:35:22 - 16:47:54	gap at MM
25/10/10	81113	15:56:03 - 16:09:59	gap at GS
25/10/10	81114	17:44:13 - 17:50:06	gap at MI
25/10/10	81114	17:36:13 - 17:47:13	gap at GS
25/10/10	81115	19:53:44 - 20:06:26	gap at MM
25/10/10	81115	18:58:20 - 19:03:08	gap at MA
25/10/10	81115	20:13:14 - 20:27:45	gap at JO
25/10/10	81116	20:31:36 - 20:45:19	gap at MA
25/10/10	81116	21:53:06 - 22:05:56	gap at JO
25/10/10	81117	23:04:43 - 23:18:21	gap at HO
25/10/10	81117	23:13:57 - 23:25:59	gap at MM
25/10/10	81117	22:10:45 - 22:22:15	gap at MS
25/10/10	81117	22:14:23 - 22:23:39	gap at MA
25/10/10	81118	23:49:28 - 00:02:08	gap at MS
25/10/10	81108	07:28:17 - 07:30:12	gap at KS
25/10/10	81109	09:07:50 - 09:10:13	gap at KS
25/10/10	81110	10:47:26 - 10:49:52	gap at KS
25/10/10	81111	12:26:48 - 12:29:14	gap at KS
25/10/10	81112	14:05:41 - 14:08:10	gap at KS
25/10/10	81113	15:43:38 - 15:46:08	gap at KS
25/10/10	81114	17:21:29 - 17:24:02	gap at KS
25/10/10	81115	18:59:40 - 19:01:49	gap at KS
25/10/10	81116	20:39:27 - 20:41:22	gap at KS
25/10/10	81117	22:21:20 - 22:23:15	gap at KS
25/10/10	81105	02:07:44 - 02:09:39	gap at GS

25/10/10	81106	03:47:22 - 03:49:14	gap at GS
25/10/10	81104	00:21:57 - 00:23:55	gap at MS
25/10/10	81110	11:00:39 - 11:03:09	gap at MS
25/10/10	81111	12:40:15 - 12:42:40	gap at MS
25/10/10	81110	10:55:42 - 10:57:25	gap at MA
25/10/10	81105	02:05:17 - 02:07:27	gap at MI
25/10/10	81112	14:25:59 - 14:28:01	gap at MI
25/10/10	81113	16:01:55 - 16:04:12	gap at MI
25/10/10	81108	08:16:11 - 08:20:51	gap at MM
25/10/10	81109	09:56:31 - 09:57:55	gap at MM
25/10/10	81110	11:36:35 - 11:38:11	gap at MM
25/10/10	81114	18:14:30 - 18:17:12	gap at MM
25/10/10	81116	21:33:26 - 21:35:56	gap at MM
25/10/10	81105	02:45:02 - 02:56:40	gap at SG
25/10/10	81106	04:24:37 - 04:34:29	gap at SG
25/10/10	81113	16:04:53 - 16:06:30	gap at CM
25/10/10	81114	17:45:59 - 17:47:23	gap at CM
26/10/10	81118	00:43:42 - 00:57:48	gap at HO
26/10/10	81118	23:49:28 - 00:02:08	gap at MS
26/10/10	81118	00:06:32 - 00:11:21	gap at KS
26/10/10	81119	02:02:35 - 02:14:31	gap at BE
26/10/10	81120	03:41:38 - 03:54:27	gap at BE
26/10/10	81120	04:21:12 - 04:27:26	gap at MM
26/10/10	81120	03:10:41 - 03:23:54	gap at MI
26/10/10	81121	06:03:31 - 06:09:34	gap at MM
26/10/10	81122	07:44:35 - 07:52:39	gap at MM
26/10/10	81122	07:22:38 - 07:36:18	gap at JO
26/10/10	81123	09:25:01 - 09:35:21	gap at MM
26/10/10	81123	09:01:39 - 09:15:38	gap at JO
26/10/10	81124	11:05:10 - 11:17:03	gap at MM
26/10/10	81126	14:33:55 - 14:45:36	gap at HO
26/10/10	81126	14:48:28 - 15:01:24	gap at SG
26/10/10	81127	14:58:46 - 15:11:09	gap at BE
26/10/10	81127	15:24:54 - 15:38:30	gap at GS
26/10/10	81128	17:04:33 - 17:17:09	gap at GS
26/10/10	81129	19:22:31 - 19:35:11	gap at MM
26/10/10	81129	19:42:42 - 19:55:36	gap at JO
26/10/10	81130	21:02:01 - 21:14:44	gap at MM
26/10/10	81130	20:00:52 - 20:14:14	gap at MA
26/10/10	81130	21:21:19 - 21:35:45	gap at JO
26/10/10	81131	22:34:19 - 22:46:50	gap at HO
26/10/10	81131	22:42:15 - 22:54:34	gap at MM
26/10/10	81131	21:40:35 - 21:53:13	gap at MA
26/10/10	81122	06:57:06 - 06:58:55	gap at KS
26/10/10	81123	08:36:31 - 08:38:54	gap at KS
26/10/10	81124	10:16:09 - 10:18:34	gap at KS
26/10/10	81125	11:55:37 - 11:58:06	gap at KS
26/10/10	81126	13:34:37 - 13:37:02	gap at KS

26/10/10	81127	15:12:59 - 15:15:40	gap at KS
26/10/10	81128	16:50:36 - 16:53:09	gap at KS
26/10/10	81129	18:28:38 - 18:31:03	gap at KS
26/10/10	81130	20:07:54 - 20:09:50	gap at KS
26/10/10	81131	21:49:03 - 21:50:58	gap at KS
26/10/10	81132	23:32:55 - 23:34:25	gap at KS
26/10/10	81119	01:37:20 - 01:39:11	gap at GS
26/10/10	81120	03:15:33 - 03:17:27	gap at GS
26/10/10	81124	10:30:22 - 10:32:52	gap at MS
26/10/10	81125	12:08:38 - 12:11:08	gap at MS
26/10/10	81132	23:17:46 - 23:19:57	gap at MS
26/10/10	81123	08:45:29 - 08:46:39	gap at MA
26/10/10	81124	10:24:11 - 10:26:04	gap at MA
26/10/10	81121	04:52:27 - 04:54:40	gap at MI
26/10/10	81127	15:30:54 - 15:33:12	gap at MI
26/10/10	81128	17:11:08 - 17:13:29	gap at MI
26/10/10	81118	00:55:31 - 00:56:53	gap at MM
26/10/10	81119	02:38:07 - 02:39:13	gap at MM
26/10/10	81125	12:45:05 - 12:46:32	gap at MM
26/10/10	81126	14:24:46 - 14:26:33	gap at MM
26/10/10	81126	14:31:58 - 14:37:29	gap at MM
26/10/10	81127	16:04:10 - 16:05:47	gap at MM
26/10/10	81128	17:43:21 - 17:45:53	gap at MM
26/10/10	81119	02:15:24 - 02:17:33	gap at SG
26/10/10	81119	02:23:36 - 02:25:04	gap at SG
26/10/10	81120	03:52:35 - 03:54:42	gap at SG
26/10/10	81120	04:02:29 - 04:06:04	gap at SG
26/10/10	81126	14:48:28 - 14:52:57	gap at SG
26/10/10	81127	16:28:26 - 16:31:06	gap at SG
26/10/10	81120	03:10:49 - 03:12:04	gap at CM
26/10/10	81127	15:34:29 - 15:35:50	gap at CM
26/10/10	81128	17:13:23 - 17:14:46	gap at CM
27/10/10	81132	00:12:03 - 00:26:41	gap at HO
27/10/10	81133	01:55:11 - 02:04:13	gap at HO
27/10/10	81134	03:10:14 - 03:23:37	gap at BE
27/10/10	81134	03:48:49 - 03:55:37	gap at MM
27/10/10	81134	02:40:11 - 02:52:15	gap at MI
27/10/10	81134	02:42:01 - 02:48:03	gap at CM
27/10/10	81134	04:17:40 - 04:29:59	gap at CM
27/10/10	81135	04:51:07 - 04:59:43	gap at BE
27/10/10	81135	05:31:31 - 05:37:19	gap at MM
27/10/10	81136	07:12:55 - 07:20:14	gap at MM
27/10/10	81136	06:52:53 - 07:04:14	gap at JO
27/10/10	81137	08:29:54 - 08:44:49	gap at JO
27/10/10	81139	11:34:12 - 11:41:40	gap at MA
27/10/10	81140	14:18:39 - 14:28:59	gap at SG
27/10/10	81141	14:26:56 - 14:40:13	gap at BE
27/10/10	81141	15:32:58 - 15:45:35	gap at MM

27/10/10	81141	15:00:26 - 15:11:41	gap at MI
27/10/10	81141	14:53:57 - 15:06:32	gap at GS
27/10/10	81142	17:12:12 - 17:24:44	gap at MM
27/10/10	81142	16:33:04 - 16:46:37	gap at GS
27/10/10	81143	18:51:20 - 19:03:57	gap at MM
27/10/10	81143	18:14:00 - 18:22:00	gap at GS
27/10/10	81143	19:13:02 - 19:22:23	gap at JO
27/10/10	81144	20:30:41 - 20:43:25	gap at MM
27/10/10	81144	19:30:36 - 19:42:13	gap at MA
27/10/10	81144	20:49:54 - 21:04:55	gap at JO
27/10/10	81145	22:04:35 - 22:15:08	gap at HO
27/10/10	81145	22:10:39 - 22:23:10	gap at MM
27/10/10	81145	22:31:28 - 22:40:26	gap at JO
27/10/10	81146	23:41:02 - 23:55:25	gap at HO
27/10/10	81146	23:51:33 - 00:03:09	gap at MM
27/10/10	81136	06:26:03 - 06:27:40	gap at KS
27/10/10	81137	08:05:13 - 08:07:36	gap at KS
27/10/10	81138	09:44:50 - 09:47:16	gap at KS
27/10/10	81139	11:24:23 - 11:26:52	gap at KS
27/10/10	81140	13:03:35 - 13:05:59	gap at KS
27/10/10	81141	14:42:17 - 14:44:46	gap at KS
27/10/10	81142	16:19:57 - 16:22:27	gap at KS
27/10/10	81143	17:57:47 - 18:00:32	gap at KS
27/10/10	81144	19:36:31 - 19:38:31	gap at KS
27/10/10	81145	21:17:01 - 21:18:57	gap at KS
27/10/10	81146	22:59:53 - 23:01:40	gap at KS
27/10/10	81133	01:07:25 - 01:10:23	gap at GS
27/10/10	81134	02:44:13 - 02:46:04	gap at GS
27/10/10	81135	04:25:44 - 04:27:35	gap at GS
27/10/10	81139	11:37:20 - 11:39:52	gap at MS
27/10/10	81140	13:18:32 - 13:20:59	gap at MS
27/10/10	81146	22:46:41 - 22:48:48	gap at MS
27/10/10	81137	08:14:39 - 08:16:00	gap at MA
27/10/10	81138	09:52:53 - 09:54:43	gap at MA
27/10/10	81145	21:08:48 - 21:11:36	gap at MA
27/10/10	81135	04:19:29 - 04:21:48	gap at MI
27/10/10	81142	16:39:07 - 16:41:26	gap at MI
27/10/10	81132	00:23:28 - 00:24:54	gap at MM
27/10/10	81133	02:05:46 - 02:06:59	gap at MM
27/10/10	81137	08:53:29 - 08:57:29	gap at MM
27/10/10	81137	09:01:53 - 09:03:10	gap at MM
27/10/10	81138	10:33:42 - 10:35:10	gap at MM
27/10/10	81139	12:13:42 - 12:15:15	gap at MM
27/10/10	81140	13:53:28 - 13:55:20	gap at MM
27/10/10	81140	13:58:52 - 14:06:12	gap at MM
27/10/10	81134	03:21:15 - 03:23:54	gap at SG
27/10/10	81140	14:18:39 - 14:20:43	gap at SG
27/10/10	81141	15:56:15 - 15:58:45	gap at SG

27/10/10	81142	16:41:39 - 16:43:15	gap at CM
28/10/10	81146	23:51:33 - 00:03:09	gap at MM
28/10/10	81147	01:21:35 - 01:34:05	gap at HO
28/10/10	81148	02:39:03 - 02:52:17	gap at BE
28/10/10	81148	02:10:33 - 02:20:02	gap at MI
28/10/10	81148	03:46:34 - 03:58:46	gap at CM
28/10/10	81149	04:19:03 - 04:30:12	gap at BE
28/10/10	81149	04:59:22 - 05:05:12	gap at MM
28/10/10	81150	06:41:10 - 06:47:49	gap at MM
28/10/10	81150	05:55:25 - 05:59:51	gap at KS
28/10/10	81150	06:24:28 - 06:31:10	gap at JO
28/10/10	81151	07:58:43 - 08:13:37	gap at JO
28/10/10	81152	10:02:14 - 10:13:15	gap at MM
28/10/10	81152	09:40:13 - 09:51:17	gap at JO
28/10/10	81155	13:55:39 - 14:09:01	gap at BE
28/10/10	81155	15:11:46 - 15:20:07	gap at HO
28/10/10	81155	15:01:43 - 15:14:24	gap at MM
28/10/10	81155	14:23:23 - 14:33:54	gap at GS
28/10/10	81156	15:37:19 - 15:47:07	gap at BE
28/10/10	81156	16:41:02 - 16:53:34	gap at MM
28/10/10	81156	16:01:44 - 16:15:39	gap at GS
28/10/10	81157	18:20:10 - 18:32:45	gap at MM
28/10/10	81157	17:42:00 - 17:52:38	gap at GS
28/10/10	81158	19:59:25 - 20:12:08	gap at MM
28/10/10	81158	19:03:23 - 19:08:50	gap at MA
28/10/10	81158	20:18:50 - 20:33:32	gap at JO
28/10/10	81159	21:39:09 - 21:51:47	gap at MM
28/10/10	81159	20:37:14 - 20:50:54	gap at MA
28/10/10	81159	21:58:56 - 22:11:21	gap at JO
28/10/10	81160	23:10:12 - 23:24:04	gap at HO
28/10/10	81160	23:19:43 - 23:31:42	gap at MM
28/10/10	81151	07:33:58 - 07:35:55	gap at KS
28/10/10	81152	09:13:32 - 09:15:56	gap at KS
28/10/10	81153	10:53:08 - 10:55:34	gap at KS
28/10/10	81154	12:32:28 - 12:34:54	gap at KS
28/10/10	81155	14:11:20 - 14:13:50	gap at KS
28/10/10	81156	15:49:13 - 15:51:40	gap at KS
28/10/10	81157	17:27:07 - 17:29:36	gap at KS
28/10/10	81158	19:05:19 - 19:07:27	gap at KS
28/10/10	81159	20:45:13 - 20:47:06	gap at KS
28/10/10	81160	22:27:14 - 22:29:08	gap at KS
28/10/10	81148	02:13:44 - 02:15:04	gap at GS
28/10/10	81149	03:53:12 - 03:55:10	gap at GS
28/10/10	81147	00:27:59 - 00:29:47	gap at MS
28/10/10	81153	11:06:16 - 11:08:46	gap at MS
28/10/10	81154	12:46:07 - 12:48:30	gap at MS
28/10/10	81160	22:16:13 - 22:18:05	gap at MS
28/10/10	81161	23:55:18 - 23:57:28	gap at MS

28/10/10	81152	09:21:42 - 09:23:03	gap at MA
28/10/10	81153	11:01:59 - 11:03:09	gap at MA
28/10/10	81149	03:47:33 - 03:50:31	gap at MI
28/10/10	81155	14:31:02 - 14:33:07	gap at MI
28/10/10	81156	16:07:36 - 16:09:57	gap at MI
28/10/10	81157	17:50:37 - 17:52:34	gap at MI
28/10/10	81147	01:33:31 - 01:34:49	gap at MM
28/10/10	81151	08:21:56 - 08:26:41	gap at MM
28/10/10	81153	11:42:18 - 11:43:54	gap at MM
28/10/10	81154	13:22:08 - 13:23:36	gap at MM
28/10/10	81148	02:50:32 - 02:52:49	gap at SG
28/10/10	81149	04:30:32 - 04:32:41	gap at SG
28/10/10	81155	15:24:48 - 15:27:01	gap at SG
28/10/10	81155	15:30:27 - 15:38:41	gap at SG
28/10/10	81150	05:28:48 - 05:30:11	gap at CM
28/10/10	81156	16:10:29 - 16:11:58	gap at CM
28/10/10	81157	17:52:06 - 17:53:11	gap at CM
29/10/10	81161	00:49:31 - 01:03:24	gap at HO
29/10/10	81161	00:12:47 - 00:16:50	gap at KS
29/10/10	81162	02:08:10 - 02:20:23	gap at BE
29/10/10	81162	01:43:03 - 01:46:00	gap at MI
29/10/10	81163	03:47:22 - 04:00:00	gap at BE
29/10/10	81163	04:27:05 - 04:33:14	gap at MM
29/10/10	81164	06:09:20 - 06:15:27	gap at MM
29/10/10	81165	07:50:20 - 07:58:32	gap at MM
29/10/10	81165	07:28:08 - 07:42:04	gap at JO
29/10/10	81166	09:30:44 - 09:41:11	gap at MM
29/10/10	81166	09:07:30 - 09:21:11	gap at JO
29/10/10	81167	11:21:21 - 11:31:59	gap at HO
29/10/10	81168	12:59:23 - 13:14:12	gap at HO
29/10/10	81169	14:39:42 - 14:50:47	gap at HO
29/10/10	81169	14:53:59 - 15:07:12	gap at SG
29/10/10	81170	15:04:37 - 15:16:44	gap at BE
29/10/10	81170	16:09:51 - 16:22:25	gap at MM
29/10/10	81170	15:30:33 - 15:44:16	gap at GS
29/10/10	81171	17:17:02 - 17:26:53	gap at MI
29/10/10	81171	17:10:18 - 17:22:39	gap at GS
29/10/10	81172	19:28:11 - 19:40:52	gap at MM
29/10/10	81172	19:48:13 - 20:01:30	gap at JO
29/10/10	81173	21:07:44 - 21:20:26	gap at MM
29/10/10	81173	21:27:04 - 21:41:17	gap at JO
29/10/10	81174	22:39:46 - 22:52:34	gap at HO
29/10/10	81174	22:48:00 - 23:00:16	gap at MM
29/10/10	81174	21:47:01 - 21:58:48	gap at MA
29/10/10	81165	07:02:46 - 07:04:38	gap at KS
29/10/10	81166	08:42:13 - 08:44:36	gap at KS
29/10/10	81167	10:21:50 - 10:24:16	gap at KS
29/10/10	81168	12:01:17 - 12:03:46	gap at KS

29/10/10	81169	13:40:16 - 13:42:44	gap at KS
29/10/10	81170	15:18:30 - 15:21:18	gap at KS
29/10/10	81171	16:56:11 - 16:58:44	gap at KS
29/10/10	81172	18:34:16 - 18:36:43	gap at KS
29/10/10	81173	20:13:37 - 20:15:33	gap at KS
29/10/10	81174	21:54:54 - 21:56:48	gap at KS
29/10/10	81175	23:38:58 - 23:40:40	gap at KS
29/10/10	81162	01:42:50 - 01:44:34	gap at GS
29/10/10	81163	03:21:18 - 03:23:09	gap at GS
29/10/10	81161	23:55:18 - 23:57:28	gap at MS
29/10/10	81167	10:35:51 - 10:38:22	gap at MS
29/10/10	81168	12:14:24 - 12:16:52	gap at MS
29/10/10	81175	23:23:29 - 23:25:40	gap at MS
29/10/10	81167	10:29:51 - 10:31:44	gap at MA
29/10/10	81173	20:06:25 - 20:08:57	gap at MA
29/10/10	81170	15:36:31 - 15:38:48	gap at MI
29/10/10	81161	01:01:21 - 01:02:44	gap at MM
29/10/10	81162	02:44:00 - 02:45:07	gap at MM
29/10/10	81167	11:10:52 - 11:12:24	gap at MM
29/10/10	81168	12:50:47 - 12:52:17	gap at MM
29/10/10	81169	14:30:27 - 14:31:56	gap at MM
29/10/10	81171	17:49:01 - 17:51:36	gap at MM
29/10/10	81162	02:20:41 - 02:24:56	gap at SG
29/10/10	81163	03:58:21 - 04:04:51	gap at SG
29/10/10	81169	14:53:59 - 14:58:19	gap at SG
29/10/10	81170	16:34:24 - 16:37:00	gap at SG
29/10/10	81163	03:16:14 - 03:17:52	gap at CM
29/10/10	81170	15:39:57 - 15:41:36	gap at CM
29/10/10	81171	17:19:14 - 17:21:11	gap at CM
30/10/10	81175	00:17:43 - 00:32:21	gap at HO
30/10/10	81176	02:01:23 - 02:09:30	gap at HO
30/10/10	81177	03:15:55 - 03:29:16	gap at BE
30/10/10	81177	03:54:42 - 04:01:23	gap at MM
30/10/10	81177	02:45:41 - 02:58:02	gap at MI
30/10/10	81178	04:57:01 - 05:04:59	gap at BE
30/10/10	81178	05:37:21 - 05:43:10	gap at MM
30/10/10	81179	06:58:14 - 07:10:06	gap at JO
30/10/10	81180	08:35:37 - 08:50:27	gap at JO
30/10/10	81182	12:28:22 - 12:42:52	gap at HO
30/10/10	81182	11:40:00 - 11:46:53	gap at MA
30/10/10	81183	14:07:57 - 14:21:12	gap at HO
30/10/10	81183	14:23:59 - 14:34:58	gap at SG
30/10/10	81184	14:32:41 - 14:45:52	gap at BE
30/10/10	81184	15:38:38 - 15:51:15	gap at MM
30/10/10	81184	14:59:34 - 15:12:23	gap at GS
30/10/10	81185	17:17:52 - 17:30:23	gap at MM
30/10/10	81185	16:38:47 - 16:52:12	gap at GS
30/10/10	81186	18:57:00 - 19:09:38	gap at MM

30/10/10	81186	18:19:53 - 18:27:14	gap at GS
30/10/10	81186	19:18:19 - 19:28:33	gap at JO
30/10/10	81187	20:36:23 - 20:49:07	gap at MM
30/10/10	81187	19:36:04 - 19:48:01	gap at MA
30/10/10	81187	20:55:35 - 21:10:34	gap at JO
30/10/10	81188	22:09:58 - 22:20:56	gap at HO
30/10/10	81188	22:16:23 - 22:28:52	gap at MM
30/10/10	81188	22:37:32 - 22:45:33	gap at JO
30/10/10	81189	23:46:41 - 00:01:06	gap at HO
30/10/10	81189	23:57:20 - 00:08:52	gap at MM
30/10/10	81179	06:31:41 - 06:33:22	gap at KS
30/10/10	81180	08:10:55 - 08:13:18	gap at KS
30/10/10	81181	09:50:32 - 09:52:57	gap at KS
30/10/10	81182	11:30:04 - 11:32:36	gap at KS
30/10/10	81183	13:09:14 - 13:11:39	gap at KS
30/10/10	81184	14:47:54 - 14:50:25	gap at KS
30/10/10	81185	16:25:34 - 16:28:04	gap at KS
30/10/10	81186	18:03:21 - 18:06:05	gap at KS
30/10/10	81187	19:42:13 - 19:44:16	gap at KS
30/10/10	81188	21:22:49 - 21:24:45	gap at KS
30/10/10	81189	23:05:52 - 23:07:34	gap at KS
30/10/10	81176	01:12:49 - 01:14:39	gap at GS
30/10/10	81177	02:49:53 - 02:51:41	gap at GS
30/10/10	81178	04:31:44 - 04:33:34	gap at GS
30/10/10	81181	10:06:04 - 10:08:20	gap at MS
30/10/10	81182	11:43:00 - 11:45:33	gap at MS
30/10/10	81183	13:24:37 - 13:27:00	gap at MS
30/10/10	81189	22:52:17 - 22:54:13	gap at MS
30/10/10	81180	08:20:07 - 08:21:37	gap at MA
30/10/10	81181	09:58:34 - 10:00:24	gap at MA
30/10/10	81188	21:14:32 - 21:17:09	gap at MA
30/10/10	81178	04:25:23 - 04:27:42	gap at MI
30/10/10	81184	15:05:55 - 15:08:10	gap at MI
30/10/10	81185	16:44:54 - 16:47:12	gap at MI
30/10/10	81175	00:29:18 - 00:30:45	gap at MM
30/10/10	81176	02:11:39 - 02:12:53	gap at MM
30/10/10	81179	07:18:41 - 07:19:41	gap at MM
30/10/10	81180	08:59:13 - 09:04:53	gap at MM
30/10/10	81180	09:07:35 - 09:09:01	gap at MM
30/10/10	81181	10:39:26 - 10:40:56	gap at MM
30/10/10	81182	12:19:25 - 12:20:55	gap at MM
30/10/10	81183	13:59:09 - 14:00:18	gap at MM
30/10/10	81183	14:04:02 - 14:11:53	gap at MM
30/10/10	81177	03:26:54 - 03:30:10	gap at SG
30/10/10	81177	03:33:09 - 03:40:47	gap at SG
30/10/10	81183	14:23:59 - 14:26:10	gap at SG
30/10/10	81184	16:02:02 - 16:04:45	gap at SG
30/10/10	81177	02:47:04 - 02:48:07	gap at CM

30/10/10	81185	16:47:23 - 16:49:13	gap at CM
31/10/10	81189	23:46:41 - 00:01:06	gap at HO
31/10/10	81189	23:57:20 - 00:08:52	gap at MM
31/10/10	81190	01:27:36 - 01:39:37	gap at HO
31/10/10	81190	00:43:25 - 00:51:35	gap at GS
31/10/10	81191	02:44:42 - 02:58:01	gap at BE
31/10/10	81191	02:15:51 - 02:25:58	gap at MI
31/10/10	81191	03:52:10 - 04:04:29	gap at CM
31/10/10	81192	04:24:50 - 04:35:38	gap at BE
31/10/10	81192	05:05:13 - 05:11:01	gap at MM
31/10/10	81192	03:53:18 - 04:06:21	gap at MI
31/10/10	81193	06:46:57 - 06:53:43	gap at MM
31/10/10	81193	06:00:56 - 06:06:04	gap at KS
31/10/10	81193	06:29:27 - 06:37:19	gap at JO
31/10/10	81194	08:04:21 - 08:19:19	gap at JO
31/10/10	81195	09:46:18 - 09:56:38	gap at JO
31/10/10	81196	11:57:24 - 12:10:38	gap at HO
31/10/10	81197	13:36:22 - 13:50:57	gap at HO
31/10/10	81198	14:01:18 - 14:14:42	gap at BE
31/10/10	81198	15:17:38 - 15:25:29	gap at HO
31/10/10	81198	15:07:24 - 15:20:04	gap at MM
31/10/10	81198	14:36:13 - 14:44:29	gap at MI
31/10/10	81198	14:28:54 - 14:39:54	gap at GS
31/10/10	81199	15:43:23 - 15:52:33	gap at BE
31/10/10	81199	16:46:42 - 16:59:14	gap at MM
31/10/10	81199	15:54:48 - 16:06:44	gap at KS
31/10/10	81199	16:07:25 - 16:21:19	gap at GS
31/10/10	81200	18:25:50 - 18:38:25	gap at MM
31/10/10	81200	17:57:47 - 17:58:53	gap at MI
31/10/10	81200	17:32:42 - 17:45:33	gap at KS
31/10/10	81200	17:47:47 - 17:58:01	gap at GS
31/10/10	81201	20:05:06 - 20:17:49	gap at MM
31/10/10	81201	19:08:33 - 19:15:54	gap at MA
31/10/10	81201	19:10:59 - 19:24:55	gap at KS
31/10/10	81201	20:24:28 - 20:39:17	gap at JO
31/10/10	81202	21:44:52 - 21:57:29	gap at MM
31/10/10	81202	20:50:59 - 21:04:32	gap at KS
31/10/10	81202	22:04:47 - 22:16:43	gap at JO
31/10/10	81203	23:15:43 - 23:29:47	gap at HO
31/10/10	81203	23:25:30 - 23:37:25	gap at MM
31/10/10	81203	22:33:09 - 22:44:04	gap at KS
31/10/10	81194	07:39:39 - 07:41:37	gap at KS
31/10/10	81195	09:19:13 - 09:21:39	gap at KS
31/10/10	81196	10:58:49 - 11:01:17	gap at KS
31/10/10	81197	12:38:07 - 12:40:34	gap at KS
31/10/10	81198	14:16:58 - 14:19:29	gap at KS
31/10/10	81192	03:59:04 - 04:01:03	gap at GS
31/10/10	81190	00:34:04 - 00:35:52	gap at MS

31/10/10	81196	11:11:53 - 11:14:22	gap at MS
31/10/10	81197	12:51:59 - 12:54:21	gap at MS
31/10/10	81203	22:21:42 - 22:23:42	gap at MS
31/10/10	81195	09:27:21 - 09:29:23	gap at MA
31/10/10	81196	11:07:53 - 11:08:55	gap at MA
31/10/10	81202	20:42:54 - 20:46:07	gap at MA
31/10/10	81199	16:13:18 - 16:15:36	gap at MI
31/10/10	81190	01:39:22 - 01:40:41	gap at MM
31/10/10	81194	08:27:40 - 08:31:58	gap at MM
31/10/10	81195	10:07:58 - 10:09:26	gap at MM
31/10/10	81196	11:48:01 - 11:49:47	gap at MM
31/10/10	81197	13:27:50 - 13:29:20	gap at MM
31/10/10	81191	02:56:04 - 02:58:37	gap at SG
31/10/10	81192	04:36:30 - 04:38:19	gap at SG
31/10/10	81198	15:30:28 - 15:32:59	gap at SG
31/10/10	81199	16:16:07 - 16:18:04	gap at CM
31/10/10	81200	17:58:21 - 17:59:27	gap at CM

Lamp Failures:

Date	Lamp Failure	remark
28/10/10	Lamp Failure (no. 268) Orbit 81157	Lamp Failure occurred during quarterly calibration Start 17:12:20 (no visibility gs) Stop 17:15:16
28/10/10	Lamp Failure (no. 269) Orbit 81157	Lamp Failure occurred during quarterly calibration Start 17:29:37 (no visibility gs) Stop 17:30:58
28/10/10	Lamp Failure (no. 270) Orbit 81157	Lamp Failure occurred during quarterly calibration Start 17:52:34 (no visibility gs) Stop 17:53:10
28/10/10	Lamp Failure (no. 271) Orbit 81158	Lamp Failure occurred during quarterly calibration Start 19:07:27 (no visibility gs) Stop 19:11:30
28/10/10	Lamp Failure (no. 272) Orbit 81159	Lamp Failure occurred during quarterly calibration Start 20:47:07 (no visibility gs) Stop 20:52:07

cooler switchings: none

Timeline interruptions: none

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/10/10	80812 - 80827	~15:00 (04/10/10) - ~15:30 (05/10/10)	Narrow Swath Timeline GMNNOT41 executed
14-15/10/10	80956 - 80969	~16:00 (14/10/10) - ~14:00 (15/10/10)	Narrow Swath Timeline GMNNOT41 executed
24-25/10/10	81100 - 81113	~18:00 (21/10/10) - ~17:00 (25/10/10)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution: none

Others:

Date	Orbit No.	Duration	remark
05/09/10 -31/10/10	80388 - 81197		GOME South Polar View operations
13/10/10	80933	02:54:31	Corrupted products at MM anomalous values for most parameters
31/10/10	81192	04:39:03	Corrupted products at SG anomalous values for most parameters
28/10/10	81154	Start 12:41:23 stop after 12:48:26 (no visibility gs)	Calibration lamp instabilities: some values at ca 181.0 V (nominal would be 198 V)
28/10/10	81154	Start 13:24:23 stop 13:34:22	Calibration lamp instabilities: some values at ca 182.0 V (nominal would be 198 V)
28/10/10	81155	Start before 13:52:33 (no visibility gs) stop 13:52:55	Calibration lamp instabilities: some values at ca 182.0 V (nominal would be 198 V)
28/10/10	81155	Start 14:22:36 stop after 14:25:42 (no visibility gs)	Calibration lamp instabilities: some values at ca 183.0 V (nominal would be 198 V)
28/10/10	81156	Start 16:02:00 stop after 16:03:57 (no visibility gs)	Calibration lamp instabilities: some values at ca 181.5 V (nominal would be 198 V)
28/10/10	81156	Start before 16:09:54 (no visibility gs) stop 16:12:33	Calibration lamp instabilities: some values at ca 181.5 V (nominal would be 198 V)