

GOME Operations for June 2009

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

GOME Operations during June 2009

Date	Operations	remark
01/06/09	data available within visibility of groundstation	start of sun calibration: not available d
02/06/09	data available within visibility of groundstation	start of sun calibration: 19:33:55.262
03/06/09	data available within visibility of groundstation	no solar calibration available due to data dissemination problem
04/06/09	data available within visibility of groundstation	no solar calibration available due to data dissemination problem
05/06/09	data available within visibility of groundstation	start of sun calibration: 17:59:00.570
06/06/09	GOME OFF Start: 09:56:31 Stop: 14:12:04 data available within visibility of groundstation	start of sun calibration: 17:27:21.550
07/06/09	data available within visibility of groundstation	start of sun calibration: not available due to missing data
08/06/09	data available within visibility of groundstation	start of sun calibration: 19:45:15.806
09/06/09	data available within visibility of groundstation	start of sun calibration: 19:14:30
10/06/09	data available within visibility of groundstation	start of sun calibration: 18:41:56.900
11/06/09	data available within visibility of groundstation	start of sun calibration: 18:10:23.465
12/06/09	data available within visibility of groundstation	start of sun calibration: 17:38:44
13/06/09	data available within visibility of groundstation	start of sun calibration: 17:07:04.560
14/06/09	SEU data available within visibility of groundstation	no solar calibration available due to GOME anomaly
15/06/09	data available within visibility of groundstation	start of sun calibration: 19:25:01.127
16/06/09	data available within visibility of groundstation	start of sun calibration: 18:53:21.790
17/06/09	data available within visibility of groundstation	start of sun calibration: 18:21:42.370
18/06/09	SEU data available within visibility of groundstation	start of sun calibration: 17:51:01
19/06/09	data available within visibility of groundstation	start of sun calibration: 17:18:31.550
20/06/09	data available within visibility of groundstation	start of sun calibration: 16:47:35.600
21/06/09	data available within visibility of groundstation	start of sun calibration: 19:36:25.860

22/06/09	data available within visibility of groundstation	start of sun calibration: 19:05:43
23/06/09	SEU data available within visibility of groundstation	start of sun calibration: 18:34:05
24/06/09	data available within visibility of groundstation	start of sun calibration: 18:01:39.090
25/06/09	data available within visibility of groundstation	start of sun calibration: 17:29:59.640
26/06/09	data available within visibility of groundstation	start of sun calibration: 16:58:50.190
27/06/09	data available within visibility of groundstation	start of sun calibration: 19:47:59.960
28/06/09	data available within visibility of groundstation	start of sun calibration: 19:16:20.510
29/06/09	data available within visibility of groundstation	start of sun calibration: 18:44:47.060
30/06/09	data available within visibility of groundstation	start of sun calibration: 18:13:07.630

Anomalies:

single event upsets (SEU):

Date	Reason
14/06/09 - 15/06/09	GOME anomaly during orbits 73987-73990, between ca. 19:50 UTC and ca 00:45 UTC (15/06/09) : anomalous temperature values were observed; This anomaly was cured with GOME (GMN11) Power Cycles on 14/06/09 at 21:01:53, orbit 73988, and on 15/06/09 at 00:23:05, orbit 73990
18/06/09 - 19/06/09	GOME anomaly during orbits 74041-74052, between ca. 14:00 UTC and ca 10:00 UTC (19/06/09): anomalous Channel 1, 2 & 4 Summation values This anomaly was cured with GOME (GMN11) Power Cycles on 19/06/09 at 10:01, orbit 74052
23/06/09	GOME anomaly during orbits 74104 -74115, between ca. 00:00 UTC and ca 18:25: anomalous Channel 2 & Channel 4 Summation values This anomaly was cured with GOME (GMN11) Power Cycles at 18:25, orbit 74115

list of datagaps:

Date	Orbit No.	duration	Reason
01/06/09	73789	23:57:17 - 00:03:03	gap at KS
01/06/09	73790	01:54:15 - 02:05:40	gap at BE
01/06/09	73791	04:12:22 - 04:18:44	gap at MM
01/06/09	73791	03:43:59 - 03:57:41	gap at SG
01/06/09	73791	03:02:46 - 03:12:16	gap at CM
01/06/09	73791	04:40:45 - 04:52:20	gap at CM
01/06/09	73792	05:54:49 - 06:00:46	gap at MM
01/06/09	73793	07:35:57 - 07:43:49	gap at MM
01/06/09	73793	07:14:27 - 07:27:36	gap at JO
01/06/09	73794	09:16:25 - 09:26:35	gap at MM
01/06/09	73794	08:52:56 - 09:07:17	gap at JO

01/06/09	73798	14:50:02 - 15:02:44	gap at BE
01/06/09	73798	15:16:26 - 15:29:50	gap at GS
01/06/09	73798	15:26:21 - 15:35:56	gap at CM
01/06/09	73799	16:55:57 - 17:08:52	gap at GS
01/06/09	73799	17:04:40 - 17:16:08	gap at CM
01/06/09	73800	19:14:01 - 19:26:40	gap at MM
01/06/09	73800	19:34:30 - 19:46:40	gap at JO
01/06/09	73801	21:12:43 - 21:27:24	gap at JO
01/06/09	73793	06:48:37 - 06:50:23	gap at KS
01/06/09	73794	08:27:59 - 08:30:18	gap at KS
01/06/09	73795	10:07:37 - 10:09:59	gap at KS
01/06/09	73796	11:47:06 - 11:49:33	gap at KS
01/06/09	73797	13:26:10 - 13:28:30	gap at KS
01/06/09	73798	15:04:40 - 15:07:13	gap at KS
01/06/09	73799	16:42:16 - 16:44:42	gap at KS
01/06/09	73800	18:20:12 - 18:22:40	gap at KS
01/06/09	73801	19:59:19 - 20:01:22	gap at KS
01/06/09	73802	21:40:17 - 21:42:15	gap at KS
01/06/09	73803	23:23:52 - 23:25:29	gap at KS
01/06/09	73790	01:29:07 - 01:30:56	gap at GS
01/06/09	73791	03:06:58 - 03:08:46	gap at GS
01/06/09	73795	10:22:09 - 10:24:37	gap at MS
01/06/09	73796	12:00:02 - 12:02:30	gap at MS
01/06/09	73803	23:09:13 - 23:11:31	gap at MS
01/06/09	73794	08:36:49 - 08:38:18	gap at MA
01/06/09	73795	10:15:42 - 10:17:26	gap at MA
01/06/09	73801	19:52:34 - 19:55:01	gap at MA
01/06/09	73802	21:31:52 - 21:34:17	gap at MA
01/06/09	73791	03:02:18 - 03:04:07	gap at MI
01/06/09	73792	04:43:19 - 04:44:54	gap at MI
01/06/09	73798	15:22:32 - 15:24:14	gap at MI
01/06/09	73799	17:02:20 - 17:03:59	gap at MI
01/06/09	73789	00:46:46 - 00:48:06	gap at MM
01/06/09	73790	02:29:17 - 02:30:23	gap at MM
01/06/09	73795	10:56:35 - 10:57:58	gap at MM
01/06/09	73796	12:36:32 - 12:37:57	gap at MM
01/06/09	73797	14:16:14 - 14:17:38	gap at MM
01/06/09	73798	15:55:40 - 15:57:04	gap at MM
01/06/09	73799	17:34:52 - 17:37:29	gap at MM
01/06/09	73801	20:53:28 - 20:55:14	gap at MM
01/06/09	73802	22:33:37 - 22:35:20	gap at MM
01/06/09	73791	03:33:02 - 03:35:33	gap at BE
01/06/09	73797	14:40:14 - 14:44:20	gap at SG
01/06/09	73798	16:19:34 - 16:22:06	gap at SG
02/06/09	73803	00:14:45 - 00:26:02	gap at MM
02/06/09	73805	02:34:54 - 02:38:21	gap at CM
02/06/09	73805	04:09:07 - 04:21:32	gap at CM
02/06/09	73807	07:04:16 - 07:11:24	gap at MM

02/06/09	73807	06:44:57 - 06:55:21	gap at JO
02/06/09	73808	08:44:53 - 08:54:22	gap at MM
02/06/09	73808	08:06:33 - 08:16:14	gap at MA
02/06/09	73808	08:21:20 - 08:36:21	gap at JO
02/06/09	73809	10:05:02 - 10:12:16	gap at JO
02/06/09	73812	14:18:21 - 14:31:44	gap at BE
02/06/09	73812	14:45:34 - 14:56:23	gap at GS
02/06/09	73812	14:58:35 - 15:01:02	gap at CM
02/06/09	73813	16:02:00 - 16:08:31	gap at BE
02/06/09	73813	16:24:31 - 16:38:13	gap at GS
02/06/09	73813	16:33:06 - 16:45:30	gap at CM
02/06/09	73814	18:05:14 - 18:14:04	gap at GS
02/06/09	73814	19:05:16 - 19:12:58	gap at JO
02/06/09	73815	20:22:09 - 20:34:53	gap at MM
02/06/09	73815	19:24:22 - 19:33:29	gap at MA
02/06/09	73815	20:41:24 - 20:56:25	gap at JO
02/06/09	73816	21:56:39 - 22:06:24	gap at HO
02/06/09	73816	22:22:29 - 22:32:38	gap at JO
02/06/09	73817	23:42:51 - 23:54:34	gap at MM
02/06/09	73817	22:45:40 - 22:50:13	gap at MA
02/06/09	73807	06:17:38 - 06:19:11	gap at KS
02/06/09	73808	07:56:42 - 07:59:04	gap at KS
02/06/09	73809	09:36:18 - 09:38:39	gap at KS
02/06/09	73810	11:15:52 - 11:18:16	gap at KS
02/06/09	73811	12:55:06 - 12:57:28	gap at KS
02/06/09	73812	14:33:51 - 14:36:18	gap at KS
02/06/09	73813	16:11:32 - 16:13:58	gap at KS
02/06/09	73814	17:49:27 - 17:52:02	gap at KS
02/06/09	73815	19:28:00 - 19:29:59	gap at KS
02/06/09	73816	21:08:19 - 21:10:12	gap at KS
02/06/09	73817	22:50:57 - 22:52:48	gap at KS
02/06/09	73804	00:59:22 - 01:01:08	gap at GS
02/06/09	73805	02:35:44 - 02:37:25	gap at GS
02/06/09	73806	04:16:47 - 04:18:36	gap at GS
02/06/09	73810	11:28:48 - 11:31:19	gap at MS
02/06/09	73811	13:09:38 - 13:12:03	gap at MS
02/06/09	73817	22:38:18 - 22:40:18	gap at MS
02/06/09	73809	09:44:21 - 09:46:05	gap at MA
02/06/09	73816	21:00:04 - 21:02:39	gap at MA
02/06/09	73812	14:52:15 - 14:54:01	gap at MI
02/06/09	73813	16:30:29 - 16:32:10	gap at MI
02/06/09	73805	02:32:00 - 02:33:38	gap at MI
02/06/09	73806	04:10:42 - 04:13:40	gap at MI
02/06/09	73804	01:56:58 - 01:58:09	gap at MM
02/06/09	73805	03:39:58 - 03:41:02	gap at MM
02/06/09	73809	10:25:08 - 10:26:32	gap at MM
02/06/09	73810	12:05:08 - 12:06:52	gap at MM
02/06/09	73811	13:44:55 - 13:46:20	gap at MM

02/06/09	73812	15:24:27 - 15:25:50	gap at MM
02/06/09	73813	17:03:42 - 17:05:40	gap at MM
02/06/09	73814	18:42:50 - 18:45:00	gap at MM
02/06/09	73816	22:02:03 - 22:04:15	gap at MM
02/06/09	73817	23:42:51 - 23:44:34	gap at MM
02/06/09	73805	03:01:42 - 03:04:19	gap at BE
02/06/09	73806	04:42:19 - 04:44:48	gap at BE
02/06/09	73805	03:12:48 - 03:21:41	gap at SG
02/06/09	73805	03:24:10 - 03:26:33	gap at SG
02/06/09	73806	04:54:46 - 04:59:33	gap at SG
02/06/09	73811	14:10:46 - 14:12:39	gap at SG
02/06/09	73812	15:47:36 - 15:50:10	gap at SG
03/06/09	73819	03:38:13 - 03:50:10	gap at CM
03/06/09	73820	04:50:34 - 04:56:28	gap at MM
03/06/09	73821	06:32:30 - 06:38:59	gap at MM
03/06/09	73821	05:19:28 - 05:27:36	gap at CM
03/06/09	73822	07:50:19 - 08:05:03	gap at JO
03/06/09	73823	09:13:33 - 09:26:20	gap at MA
03/06/09	73823	09:31:11 - 09:43:10	gap at JO
03/06/09 05/06/09	73825 - 73850		data gap due to data dissemination problem in ESRIN
03/06/09	73822	07:25:27 - 07:27:20	gap at KS
03/06/09	73823	09:04:59 - 09:07:21	gap at KS
03/06/09	73824	10:44:36 - 10:47:00	gap at KS
03/06/09	73825	12:23:58 - 12:26:20	gap at KS
03/06/09	73826	14:02:51 - 14:05:18	gap at KS
03/06/09	73819	02:04:57 - 02:06:45	gap at GS
03/06/09	73820	03:44:27 - 03:46:23	gap at GS
03/06/09	73818	00:18:57 - 00:21:00	gap at MS
03/06/09	73824	10:57:45 - 11:00:15	gap at MS
03/06/09	73825	12:37:22 - 12:39:44	gap at MS
03/06/09	73824	10:52:48 - 10:54:38	gap at MA
03/06/09	73819	02:02:41 - 02:04:06	gap at MI
03/06/09	73820	03:38:58 - 03:41:26	gap at MI
03/06/09	73818	01:24:44 - 01:26:01	gap at MM
03/06/09	73822	08:13:19 - 08:14:26	gap at MM
03/06/09	73823	09:53:39 - 09:55:00	gap at MM
03/06/09	73824	11:33:44 - 11:35:17	gap at MM
03/06/09	73825	13:13:35 - 13:15:01	gap at MM
03/06/09	73819	02:30:36 - 02:33:08	gap at BE
03/06/09	73820	04:10:23 - 04:12:47	gap at BE
03/06/09	73819	02:42:17 - 02:44:42	gap at SG
03/06/09	73820	04:21:40 - 04:23:41	gap at SG
03/06/09	73820	04:31:39 - 04:33:35	gap at SG
06/06/09	73861	01:18:39 - 01:31:19	gap at HO
06/06/09	73861	01:30:35 - 01:40:29	gap at MM
06/06/09	73861	00:35:33 - 00:42:46	gap at GS
06/06/09	73862	02:36:14 - 02:49:24	gap at BE

06/06/09	73862	02:10:39 - 02:23:54	gap at GS
06/06/09	73862	03:43:47 - 03:55:54	gap at CM
06/06/09	73863	04:16:09 - 04:27:29	gap at BE
06/06/09	73863	03:50:17 - 04:03:09	gap at GS
06/06/09	73864	05:52:41 - 05:56:43	gap at KS
06/06/09	73864	05:25:39 - 05:32:48	gap at CM
06/06/09	73864	06:22:01 - 06:28:01	gap at JO
06/06/09	73865	07:55:55 - 08:10:46	gap at JO
06/06/09	73870	15:58:53 - 16:12:49	gap at GS
06/06/09	73870	16:07:41 - 16:19:53	gap at CM
06/06/09	73871	17:39:06 - 17:49:56	gap at GS
06/06/09	73871	17:49:02 - 17:56:15	gap at CM
06/06/09	73872	20:16:02 - 20:30:39	gap at JO
06/06/09	73873	21:36:17 - 21:48:56	gap at MM
06/06/09	73873	20:34:25 - 20:48:06	gap at MA
06/06/09	73873	21:56:01 - 22:08:39	gap at JO
06/06/09	73874	23:07:28 - 23:21:12	gap at HO
06/06/09	73865	07:31:07 - 07:33:04	gap at KS
06/06/09	73866	09:10:41 - 09:13:03	gap at KS
06/06/09	73869	14:08:31 - 14:10:57	gap at KS
06/06/09	73870	15:46:25 - 15:48:52	gap at KS
06/06/09	73871	17:24:18 - 17:26:47	gap at KS
06/06/09	73872	19:02:30 - 19:04:37	gap at KS
06/06/09	73873	20:42:20 - 20:44:13	gap at KS
06/06/09	73874	22:24:17 - 22:26:12	gap at KS
06/06/09	73861	00:24:58 - 00:26:55	gap at MS
06/06/09	73868	12:43:10 - 12:45:40	gap at MS
06/06/09	73874	22:13:29 - 22:15:20	gap at MS
06/06/09	73875	23:52:23 - 23:54:31	gap at MS
06/06/09	73866	09:19:00 - 09:20:45	gap at MA
06/06/09	73872	19:00:51 - 19:04:35	gap at MA
06/06/09	73874	22:23:30 - 22:26:22	gap at MA
06/06/09	73862	02:07:55 - 02:09:30	gap at MI
06/06/09	73863	03:44:41 - 03:46:52	gap at MI
06/06/09	73869	14:28:29 - 14:29:33	gap at MI
06/06/09	73870	16:04:46 - 16:06:27	gap at MI
06/06/09	73860	23:48:39 - 23:50:19	gap at MM
06/06/09	73865	08:19:03 - 08:20:13	gap at MM
06/06/09	73869	14:58:53 - 15:00:17	gap at MM
06/06/09	73870	16:38:12 - 16:39:54	gap at MM
06/06/09	73871	18:17:20 - 18:19:57	gap at MM
06/06/09	73872	19:56:34 - 19:58:32	gap at MM
06/06/09	73874	23:16:50 - 23:18:22	gap at MM
06/06/09	73862	02:47:47 - 02:49:48	gap at SG
06/06/09	73863	04:27:34 - 04:29:31	gap at SG
06/06/09	73866	09:37:12 - 09:48:35	gap at JO
06/06/09	73867 - 73868		Data gap due to GOME unpowered (ERS-2 Unavailability Report 2009026)

06/06/09	73869	15:08:50 - 15:17:23	gap at HO
06/06/09	73869	14:20:37 - 14:30:54	gap at GS
06/06/09	73869	15:21:58 - 15:35:51	gap at SG
06/06/09	73870	15:34:18 - 15:44:23	gap at BE
07/06/09	73875	00:46:36 - 01:00:36	gap at HO
07/06/09	73875	00:09:39 - 00:14:06	gap at KS
07/06/09	73876	02:05:22 - 02:17:27	gap at BE
07/06/09	73876	01:40:05 - 01:52:23	gap at GS
07/06/09	73877	03:18:25 - 03:32:09	gap at GS
07/06/09	73877	03:13:31 - 03:24:03	gap at CM
07/06/09	73877	04:52:28 - 05:03:21	gap at CM
07/06/09	73878	06:06:26 - 06:12:31	gap at MM
07/06/09	73879	07:47:27 - 07:55:35	gap at MM
07/06/09	73879	07:25:23 - 07:39:11	gap at JO
07/06/09	73880	09:27:52 - 09:38:16	gap at MM
07/06/09	73880	09:04:35 - 09:18:25	gap at JO
07/06/09	73881	11:18:38 - 11:28:55	gap at HO
07/06/09	73881	11:08:01 - 11:19:57	gap at MM
07/06/09	73882	12:56:33 - 13:11:22	gap at HO
07/06/09	73882	12:47:56 - 13:00:34	gap at MM
07/06/09	73883	14:36:49 - 14:48:20	gap at HO
07/06/09	73883	14:27:37 - 14:40:19	gap at MM
07/06/09	73883	14:51:13 - 15:04:18	gap at SG
07/06/09	73884	15:01:41 - 15:13:56	gap at BE
07/06/09	73884	15:27:43 - 15:41:23	gap at GS
07/06/09	73884	15:37:12 - 15:47:51	gap at CM
07/06/09	73885	17:07:26 - 17:19:54	gap at GS
07/06/09	73885	17:16:18 - 17:27:04	gap at CM
07/06/09	73886	19:25:21 - 19:38:01	gap at MM
07/06/09	73886	19:45:27 - 19:58:33	gap at JO
07/06/09	73887	21:24:11 - 21:38:31	gap at JO
07/06/09	73888	22:37:02 - 22:49:42	gap at HO
07/06/09	73888	21:51:58 - 22:04:17	gap at KS
07/06/09	73879	06:59:56 - 07:01:45	gap at KS
07/06/09	73880	08:39:22 - 08:41:43	gap at KS
07/06/09	73881	10:19:00 - 10:21:24	gap at KS
07/06/09	73882	11:58:27 - 12:00:55	gap at KS
07/06/09	73883	13:37:27 - 13:39:51	gap at KS
07/06/09	73884	15:15:45 - 15:18:29	gap at KS
07/06/09	73885	16:53:24 - 16:55:57	gap at KS
07/06/09	73886	18:31:27 - 18:33:53	gap at KS
07/06/09	73887	20:10:45 - 20:12:41	gap at KS
07/06/09	73889	23:35:56 - 23:37:27	gap at KS
07/06/09	73875	23:52:23 - 23:54:31	gap at MS
07/06/09	73881	10:33:07 - 10:35:36	gap at MS
07/06/09	73882	12:11:30 - 12:14:02	gap at MS
07/06/09	73889	23:20:37 - 23:22:51	gap at MS
07/06/09	73880	08:47:50 - 08:50:25	gap at MA

07/06/09	73881	10:27:01 - 10:29:08	gap at MA
07/06/09	73887	20:03:38 - 20:06:13	gap at MA
07/06/09	73888	21:43:49 - 21:45:54	gap at MA
07/06/09	73877	03:13:29 - 03:15:26	gap at MI
07/06/09	73878	04:55:32 - 04:57:00	gap at MI
07/06/09	73884	15:33:42 - 15:35:31	gap at MI
07/06/09	73885	17:14:05 - 17:15:39	gap at MI
07/06/09	73875	00:58:26 - 00:59:46	gap at MM
07/06/09	73876	02:41:03 - 02:42:08	gap at MM
07/06/09	73884	16:07:01 - 16:08:40	gap at MM
07/06/09	73885	17:46:11 - 17:48:43	gap at MM
07/06/09	73887	21:04:52 - 21:06:40	gap at MM
07/06/09	73888	22:45:08 - 22:46:44	gap at MM
07/06/09	73877	03:44:30 - 03:47:04	gap at BE
07/06/09	73876	02:18:02 - 02:19:56	gap at SG
07/06/09	73877	03:55:28 - 03:57:41	gap at SG
07/06/09	73883	14:51:13 - 14:53:29	gap at SG
08/06/09	73889	00:14:53 - 00:29:31	gap at HO
08/06/09	73890	01:58:12 - 02:06:52	gap at HO
08/06/09	73890	01:10:07 - 01:20:41	gap at GS
08/06/09	73891	03:51:46 - 03:58:30	gap at MM
08/06/09	73891	02:47:03 - 03:00:58	gap at GS
08/06/09	73891	03:24:04 - 03:37:57	gap at SG
08/06/09	73891	02:44:32 - 02:51:09	gap at CM
08/06/09	73891	04:20:32 - 04:32:48	gap at CM
08/06/09	73892	04:54:04 - 05:02:21	gap at BE
08/06/09	73892	05:34:26 - 05:40:15	gap at MM
08/06/09	73892	04:28:44 - 04:39:21	gap at GS
08/06/09	73893	07:15:48 - 07:23:11	gap at MM
08/06/09	73893	06:55:33 - 07:07:10	gap at JO
08/06/09	73894	08:56:21 - 09:06:06	gap at MM
08/06/09	73894	08:32:45 - 08:47:38	gap at JO
08/06/09	73895	10:36:34 - 10:48:06	gap at MM
08/06/09	73896	12:16:33 - 12:29:03	gap at MM
08/06/09	73896	11:37:06 - 11:44:17	gap at MA
08/06/09	73897	14:21:19 - 14:31:59	gap at SG
08/06/09	73898	14:29:49 - 14:43:02	gap at BE
08/06/09	73898	14:56:46 - 15:09:28	gap at GS
08/06/09	73898	15:07:58 - 15:14:27	gap at CM
08/06/09	73899	17:15:02 - 17:27:33	gap at MM
08/06/09	73899	16:35:56 - 16:49:25	gap at GS
08/06/09	73899	16:44:31 - 16:56:43	gap at CM
08/06/09	73900	18:54:10 - 19:06:47	gap at MM
08/06/09	73900	18:16:57 - 18:24:37	gap at GS
08/06/09	73900	19:15:40 - 19:25:29	gap at JO
08/06/09	73901	19:33:20 - 19:45:07	gap at MA
08/06/09	73901	20:52:45 - 21:07:45	gap at JO
08/06/09	73902	22:13:31 - 22:26:01	gap at MM

08/06/09	73902	21:11:40 - 21:24:56	gap at MA
08/06/09	73902	22:34:29 - 22:43:00	gap at JO
08/06/09	73903	23:43:52 - 23:58:16	gap at HO
08/06/09	73903	23:54:26 - 00:06:00	gap at MM
08/06/09	73903	22:49:29 - 23:02:42	gap at MS
08/06/09	73893	06:28:52 - 06:30:33	gap at KS
08/06/09	73894	08:08:04 - 08:10:25	gap at KS
08/06/09	73895	09:47:41 - 09:50:04	gap at KS
08/06/09	73896	11:27:14 - 11:29:41	gap at KS
08/06/09	73897	13:06:24 - 13:08:47	gap at KS
08/06/09	73898	14:45:06 - 14:47:33	gap at KS
08/06/09	73899	16:22:45 - 16:25:13	gap at KS
08/06/09	73900	18:00:34 - 18:03:19	gap at KS
08/06/09	73901	19:39:22 - 19:41:21	gap at KS
08/06/09	73902	21:19:55 - 21:21:49	gap at KS
08/06/09	73896	11:40:10 - 11:42:41	gap at MS
08/06/09	73897	13:21:33 - 13:24:01	gap at MS
08/06/09	73894	08:17:23 - 08:18:43	gap at MA
08/06/09	73895	09:55:44 - 09:57:31	gap at MA
08/06/09	73891	02:42:56 - 02:44:42	gap at MI
08/06/09	73892	04:22:26 - 04:24:17	gap at MI
08/06/09	73898	15:03:10 - 15:04:48	gap at MI
08/06/09	73899	16:42:00 - 16:43:53	gap at MI
08/06/09	73889	00:26:23 - 00:27:44	gap at MM
08/06/09	73890	02:08:43 - 02:09:54	gap at MM
08/06/09	73897	13:56:19 - 13:57:45	gap at MM
08/06/09	73898	15:35:48 - 15:37:12	gap at MM
08/06/09	73901	20:33:32 - 20:35:23	gap at MM
08/06/09	73903	23:54:26 - 23:56:02	gap at MM
08/06/09	73891	03:13:04 - 03:15:32	gap at BE
08/06/09	73898	15:59:08 - 16:03:51	gap at SG
09/06/09	73904	01:24:35 - 01:36:51	gap at HO
09/06/09	73904	01:36:27 - 01:46:13	gap at MM
09/06/09	73904	00:40:47 - 00:48:39	gap at GS
09/06/09	73905	02:41:53 - 02:55:09	gap at BE
09/06/09	73905	03:19:21 - 03:26:46	gap at MM
09/06/09	73905	02:16:48 - 02:29:37	gap at GS
09/06/09	73905	02:53:18 - 03:06:25	gap at SG
09/06/09	73905	03:49:22 - 04:01:38	gap at CM
09/06/09	73906	03:56:08 - 04:08:45	gap at GS
09/06/09	73907	05:58:10 - 06:02:58	gap at KS
09/06/09	73907	05:31:59 - 05:37:52	gap at CM
09/06/09	73907	06:26:56 - 06:34:15	gap at JO
09/06/09	73908	08:01:32 - 08:16:28	gap at JO
09/06/09	73909	09:43:15 - 09:53:58	gap at JO
09/06/09	73910	11:54:36 - 12:07:41	gap at HO
09/06/09	73910	11:45:09 - 11:57:26	gap at MM
09/06/09	73911	13:33:31 - 13:48:11	gap at HO

09/06/09	73911	13:24:59 - 13:37:42	gap at MM
09/06/09	73912	13:58:29 - 14:11:52	gap at BE
09/06/09	73912	15:14:42 - 15:22:49	gap at HO
09/06/09	73912	15:04:34 - 15:17:14	gap at MM
09/06/09	73912	14:33:37 - 14:41:23	gap at MI
09/06/09	73912	14:26:08 - 14:36:54	gap at GS
09/06/09	73913	15:40:21 - 15:49:50	gap at BE
09/06/09	73913	16:10:27 - 16:23:46	gap at MI
09/06/09	73913	16:04:34 - 16:18:29	gap at GS
09/06/09	73913	16:13:18 - 16:25:37	gap at CM
09/06/09	73914	18:23:00 - 18:35:35	gap at MM
09/06/09	73914	17:53:58 - 17:57:06	gap at MI
09/06/09	73914	17:29:55 - 17:42:43	gap at KS
09/06/09	73914	17:44:53 - 17:55:20	gap at GS
09/06/09	73914	17:55:12 - 18:01:19	gap at CM
09/06/09	73915	19:05:58 - 19:12:57	gap at MA
09/06/09	73915	20:21:39 - 20:36:24	gap at JO
09/06/09	73916	21:42:00 - 21:54:38	gap at MM
09/06/09	73916	22:01:51 - 22:14:02	gap at JO
09/06/09	73917	23:12:57 - 23:26:55	gap at HO
09/06/09	73917	22:23:31 - 22:31:48	gap at MA
09/06/09	73918	23:58:14 - 00:10:28	gap at MS
09/06/09	73908	07:36:48 - 07:38:47	gap at KS
09/06/09	73909	09:16:22 - 09:18:44	gap at KS
09/06/09	73910	10:55:58 - 10:58:22	gap at KS
09/06/09	73911	12:35:18 - 12:37:41	gap at KS
09/06/09	73912	14:14:09 - 14:16:37	gap at KS
09/06/09	73913	15:52:00 - 15:54:26	gap at KS
09/06/09	73915	19:08:09 - 19:10:13	gap at KS
09/06/09	73916	20:48:06 - 20:49:59	gap at KS
09/06/09	73917	22:30:12 - 22:32:04	gap at KS
09/06/09	73904	00:31:01 - 00:32:52	gap at MS
09/06/09	73910	11:09:05 - 11:11:37	gap at MS
09/06/09	73911	12:49:04 - 12:51:31	gap at MS
09/06/09	73917	22:18:57 - 22:20:56	gap at MS
09/06/09	73909	09:24:32 - 09:26:16	gap at MA
09/06/09	73910	11:04:58 - 11:06:39	gap at MA
09/06/09	73916	20:40:04 - 20:43:08	gap at MA
09/06/09	73905	02:13:12 - 02:15:12	gap at MI
09/06/09	73906	03:50:25 - 03:53:23	gap at MI
09/06/09	73903	23:54:26 - 23:56:02	gap at MM
09/06/09	73908	08:24:48 - 08:25:59	gap at MM
09/06/09	73909	10:05:06 - 10:06:31	gap at MM
09/06/09	73913	16:43:52 - 16:45:32	gap at MM
09/06/09	73915	20:02:15 - 20:04:17	gap at MM
09/06/09	73917	23:22:37 - 23:24:22	gap at MM
09/06/09	73906	04:21:57 - 04:24:27	gap at BE
09/06/09	73906	04:33:31 - 04:40:53	gap at SG

09/06/09	73912	15:27:38 - 15:29:57	gap at SG
10/06/09	73918	01:04:16 - 01:14:42	gap at MM
10/06/09	73918	00:15:56 - 00:19:32	gap at KS
10/06/09	73919	02:10:57 - 02:23:19	gap at BE
10/06/09	73919	02:23:20 - 02:34:05	gap at SG
10/06/09	73920	03:50:14 - 04:02:46	gap at BE
10/06/09	73920	04:30:01 - 04:36:08	gap at MM
10/06/09	73920	04:01:15 - 04:14:24	gap at SG
10/06/09	73920	03:18:57 - 03:29:54	gap at CM
10/06/09	73920	04:58:23 - 05:08:49	gap at CM
10/06/09	73921	06:12:14 - 06:18:23	gap at MM
10/06/09	73922	07:53:12 - 08:01:29	gap at MM
10/06/09	73922	07:30:53 - 07:44:57	gap at JO
10/06/09	73923	09:33:36 - 09:44:06	gap at MM
10/06/09	73923	09:10:26 - 09:23:57	gap at JO
10/06/09	73924	11:13:44 - 11:25:43	gap at MM
10/06/09	73925	12:53:38 - 13:06:17	gap at MM
10/06/09	73926	14:33:18 - 14:46:00	gap at MM
10/06/09	73926	13:56:17 - 14:03:15	gap at GS
10/06/09	73927	15:07:33 - 15:19:31	gap at BE
10/06/09	73927	15:39:19 - 15:52:30	gap at MI
10/06/09	73927	15:33:22 - 15:47:08	gap at GS
10/06/09	73927	16:37:24 - 16:47:39	gap at SG
10/06/09	73927	15:42:41 - 15:53:45	gap at CM
10/06/09	73928	17:20:00 - 17:29:32	gap at MI
10/06/09	73928	17:13:10 - 17:25:24	gap at GS
10/06/09	73928	17:22:10 - 17:32:29	gap at CM
10/06/09	73929	19:31:02 - 19:43:42	gap at MM
10/06/09	73929	19:50:58 - 20:04:27	gap at JO
10/06/09	73930	21:10:35 - 21:23:17	gap at MM
10/06/09	73930	21:29:56 - 21:44:03	gap at JO
10/06/09	73931	21:49:57 - 22:01:35	gap at MA
10/06/09	73922	07:05:36 - 07:07:30	gap at KS
10/06/09	73923	08:45:04 - 08:47:26	gap at KS
10/06/09	73924	10:24:41 - 10:27:05	gap at KS
10/06/09	73925	12:04:08 - 12:06:32	gap at KS
10/06/09	73926	13:43:05 - 13:45:31	gap at KS
10/06/09	73927	15:21:17 - 15:24:03	gap at KS
10/06/09	73928	16:58:59 - 17:01:30	gap at KS
10/06/09	73929	18:37:05 - 18:39:28	gap at KS
10/06/09	73930	20:16:29 - 20:18:25	gap at KS
10/06/09	73931	21:57:50 - 21:59:47	gap at KS
10/06/09	73932	23:42:00 - 23:43:42	gap at KS
10/06/09	73919	01:45:35 - 01:47:16	gap at GS
10/06/09	73920	03:24:10 - 03:26:01	gap at GS
10/06/09	73918	23:58:14 - 00:00:24	gap at MS
10/06/09	73924	10:38:37 - 10:41:10	gap at MS
10/06/09	73925	12:17:16 - 12:19:50	gap at MS

10/06/09	73931	21:49:11 - 21:51:02	gap at MS
10/06/09	73932	23:26:20 - 23:28:37	gap at MS
10/06/09	73924	10:32:42 - 10:34:35	gap at MA
10/06/09	73930	20:09:12 - 20:11:42	gap at MA
10/06/09	73920	03:19:06 - 03:21:13	gap at MI
10/06/09	73921	05:01:47 - 05:03:35	gap at MI
10/06/09	73919	02:46:56 - 02:48:01	gap at MM
10/06/09	73927	16:12:41 - 16:14:23	gap at MM
10/06/09	73928	17:51:51 - 17:54:29	gap at MM
10/06/09	73931	22:50:53 - 22:52:28	gap at MM
10/06/09	73926	14:56:46 - 14:59:07	gap at SG
11/06/09	73932	00:32:12 - 00:43:12	gap at MM
11/06/09	73933	02:04:47 - 02:12:07	gap at HO
11/06/09	73934	03:18:46 - 03:32:04	gap at BE
11/06/09	73934	03:29:44 - 03:43:37	gap at SG
11/06/09	73934	02:49:38 - 02:57:17	gap at CM
11/06/09	73934	04:26:17 - 04:38:24	gap at CM
11/06/09	73935	05:40:16 - 05:46:06	gap at MM
11/06/09	73936	07:21:33 - 07:29:05	gap at MM
11/06/09	73936	07:00:55 - 07:13:02	gap at JO
11/06/09	73937	09:02:05 - 09:11:57	gap at MM
11/06/09	73937	08:38:30 - 08:53:16	gap at JO
11/06/09	73938	10:42:17 - 10:53:54	gap at MM
11/06/09	73939	12:22:16 - 12:34:47	gap at MM
11/06/09	73939	11:42:55 - 11:49:28	gap at MA
11/06/09	73940	12:57:21 - 13:08:49	gap at BE
11/06/09	73940	14:02:00 - 14:14:44	gap at MM
11/06/09	73941	14:35:34 - 14:48:41	gap at BE
11/06/09	73941	15:41:29 - 15:54:05	gap at MM
11/06/09	73941	15:02:22 - 15:15:18	gap at GS
11/06/09	73941	16:04:56 - 16:17:51	gap at SG
11/06/09	73941	15:13:06 - 15:20:43	gap at CM
11/06/09	73942	17:20:42 - 17:33:13	gap at MM
11/06/09	73942	16:41:39 - 16:54:59	gap at GS
11/06/09	73942	16:50:15 - 17:02:18	gap at CM
11/06/09	73943	18:59:50 - 19:12:28	gap at MM
11/06/09	73943	18:22:50 - 18:29:51	gap at GS
11/06/09	73943	19:20:59 - 19:31:36	gap at JO
11/06/09	73944	20:39:14 - 20:51:58	gap at MM
11/06/09	73944	19:38:48 - 19:50:55	gap at MA
11/06/09	73944	20:58:26 - 21:13:23	gap at JO
11/06/09	73945	22:12:38 - 22:23:50	gap at HO
11/06/09	73945	22:19:16 - 22:31:43	gap at MM
11/06/09	73945	22:40:35 - 22:48:04	gap at JO
11/06/09	73946	23:49:30 - 00:03:57	gap at HO
11/06/09	73936	06:34:30 - 06:36:13	gap at KS
11/06/09	73937	08:13:45 - 08:16:07	gap at KS
11/06/09	73938	09:53:23 - 09:55:47	gap at KS
11/06/09	73939	11:32:55 - 11:35:24	gap at KS

11/06/09	73940	13:12:03 - 13:14:26	gap at KS
11/06/09	73941	14:50:43 - 14:53:11	gap at KS
11/06/09	73942	16:28:22 - 16:30:49	gap at KS
11/06/09	73943	18:06:09 - 18:08:50	gap at KS
11/06/09	73944	19:45:04 - 19:47:06	gap at KS
11/06/09	73945	21:25:44 - 21:27:39	gap at KS
11/06/09	73946	23:08:51 - 23:10:32	gap at KS
11/06/09	73933	01:15:32 - 01:17:29	gap at GS
11/06/09	73934	02:52:43 - 02:54:37	gap at GS
11/06/09	73935	04:34:45 - 04:36:36	gap at GS
11/06/09	73938	10:08:38 - 10:11:04	gap at MS
11/06/09	73939	11:45:49 - 11:48:18	gap at MS
11/06/09	73940	13:27:40 - 13:29:56	gap at MS
11/06/09	73946	22:55:06 - 22:56:46	gap at MS
11/06/09	73937	08:22:51 - 08:24:28	gap at MA
11/06/09	73938	10:01:25 - 10:03:14	gap at MA
11/06/09	73945	21:17:25 - 21:20:00	gap at MA
11/06/09	73934	02:48:26 - 02:50:13	gap at MI
11/06/09	73935	04:28:21 - 04:30:18	gap at MI
11/06/09	73941	15:08:40 - 15:10:29	gap at MI
11/06/09	73942	16:47:48 - 16:50:57	gap at MI
11/06/09	73933	02:14:35 - 02:15:46	gap at MM
11/06/09	73940	14:26:40 - 14:29:05	gap at SG
12/06/09	73946	23:49:30 - 00:03:57	gap at HO
12/06/09	73946	00:00:14 - 00:11:43	gap at MM
12/06/09	73947	01:30:34 - 01:42:23	gap at HO
12/06/09	73947	01:42:18 - 01:51:57	gap at MM
12/06/09	73947	00:46:04 - 00:54:31	gap at GS
12/06/09	73948	02:47:32 - 03:00:53	gap at BE
12/06/09	73948	03:25:14 - 03:32:32	gap at MM
12/06/09	73948	02:58:50 - 03:12:12	gap at SG
12/06/09	73948	03:54:59 - 04:07:20	gap at CM
12/06/09	73949	04:27:45 - 04:38:20	gap at BE
12/06/09	73949	05:08:09 - 05:13:56	gap at MM
12/06/09	73949	04:39:30 - 04:49:41	gap at SG
12/06/09	73950	06:49:50 - 06:56:40	gap at MM
12/06/09	73950	06:03:42 - 06:09:09	gap at KS
12/06/09	73950	05:38:35 - 05:42:40	gap at CM
12/06/09	73950	06:31:59 - 06:40:22	gap at JO
12/06/09	73951	08:30:32 - 08:39:42	gap at MM
12/06/09	73951	07:52:55 - 07:59:48	gap at MA
12/06/09	73951	08:07:10 - 08:22:10	gap at JO
12/06/09	73952	10:10:49 - 10:21:59	gap at MM
12/06/09	73952	09:49:22 - 09:59:18	gap at JO
12/06/09	73953	12:00:13 - 12:13:34	gap at HO
12/06/09	73953	11:50:52 - 12:03:11	gap at MM
12/06/09	73954	13:39:14 - 13:53:43	gap at HO
12/06/09	73954	13:30:41 - 13:43:24	gap at MM
12/06/09	73955	14:04:08 - 14:17:33	gap at BE

12/06/09	73955	15:20:34 - 15:28:10	gap at HO
12/06/09	73955	15:10:15 - 15:22:54	gap at MM
12/06/09	73955	14:31:40 - 14:42:40	gap at GS
12/06/09	73955	15:33:19 - 15:47:10	gap at SG
12/06/09	73956	15:46:27 - 15:55:15	gap at BE
12/06/09	73956	16:49:32 - 17:02:04	gap at MM
12/06/09	73956	16:10:16 - 16:24:09	gap at GS
12/06/09	73956	16:18:56 - 16:31:19	gap at CM
12/06/09	73957	18:28:40 - 18:41:15	gap at MM
12/06/09	73957	17:50:41 - 18:00:43	gap at GS
12/06/09	73957	18:01:33 - 18:06:10	gap at CM
12/06/09	73958	20:07:56 - 20:20:40	gap at MM
12/06/09	73958	20:27:16 - 20:42:09	gap at JO
12/06/09	73959	21:47:44 - 22:00:21	gap at MM
12/06/09	73959	20:45:44 - 20:59:26	gap at MA
12/06/09	73959	22:07:43 - 22:19:24	gap at JO
12/06/09	73960	23:18:30 - 23:32:38	gap at HO
12/06/09	73960	23:28:23 - 23:40:16	gap at MM
12/06/09	73951	07:42:29 - 07:44:26	gap at KS
12/06/09	73952	09:22:04 - 09:24:27	gap at KS
12/06/09	73953	11:01:39 - 11:04:05	gap at KS
12/06/09	73954	12:40:57 - 12:43:21	gap at KS
12/06/09	73955	14:19:47 - 14:22:15	gap at KS
12/06/09	73956	15:57:35 - 16:00:02	gap at KS
12/06/09	73957	17:35:30 - 17:37:59	gap at KS
12/06/09	73958	19:13:49 - 19:15:50	gap at KS
12/06/09	73959	20:53:52 - 20:55:54	gap at KS
12/06/09	73960	22:36:07 - 22:37:56	gap at KS
12/06/09	73949	04:02:00 - 04:03:55	gap at GS
12/06/09	73947	00:37:08 - 00:38:52	gap at MS
12/06/09	73953	11:14:42 - 11:17:11	gap at MS
12/06/09	73954	12:54:54 - 12:57:22	gap at MS
12/06/09	73960	22:24:27 - 22:26:23	gap at MS
12/06/09	73952	09:30:11 - 09:32:02	gap at MA
12/06/09	73953	11:10:48 - 11:11:50	gap at MA
12/06/09	73958	19:11:09 - 19:13:43	gap at MA
12/06/09	73948	02:18:31 - 02:20:47	gap at MI
12/06/09	73949	03:56:11 - 03:59:12	gap at MI
12/06/09	73955	14:38:51 - 14:40:14	gap at MI
12/06/09	73956	16:16:10 - 16:18:04	gap at MI
13/06/09	73961	00:58:16 - 01:11:47	gap at HO
13/06/09	73961	01:10:07 - 01:20:25	gap at MM
13/06/09	73961	00:22:22 - 00:24:51	gap at KS
13/06/09	73962	02:16:33 - 02:29:09	gap at BE
13/06/09	73962	02:52:50 - 03:00:52	gap at MM
13/06/09	73963	03:55:58 - 04:08:18	gap at BE
13/06/09	73963	04:35:54 - 04:41:56	gap at MM
13/06/09	73963	04:07:03 - 04:19:55	gap at SG
13/06/09	73963	03:24:25 - 03:35:43	gap at CM

13/06/09	73963	05:04:20 - 05:14:15	gap at CM
13/06/09	73964	06:18:01 - 06:24:16	gap at MM
13/06/09	73965	07:58:57 - 08:07:22	gap at MM
13/06/09	73965	07:36:25 - 07:50:43	gap at JO
13/06/09	73966	09:39:20 - 09:49:57	gap at MM
13/06/09	73966	09:16:19 - 09:29:29	gap at JO
13/06/09	73967	11:19:27 - 11:31:30	gap at MM
13/06/09	73968	12:59:20 - 13:12:00	gap at MM
13/06/09	73969	14:48:25 - 14:58:21	gap at HO
13/06/09	73969	14:38:59 - 14:51:41	gap at MM
13/06/09	73969	14:01:36 - 14:09:31	gap at GS
13/06/09	73970	15:13:27 - 15:25:05	gap at BE
13/06/09	73970	16:18:21 - 16:30:55	gap at MM
13/06/09	73970	15:39:02 - 15:52:52	gap at GS
13/06/09	73970	16:43:27 - 16:52:55	gap at SG
13/06/09	73970	15:48:12 - 15:59:36	gap at CM
13/06/09	73971	17:57:31 - 18:10:04	gap at MM
13/06/09	73971	17:18:55 - 17:30:53	gap at GS
13/06/09	73971	17:28:03 - 17:37:52	gap at CM
13/06/09	73972	19:36:42 - 19:49:23	gap at MM
13/06/09	73972	19:56:31 - 20:10:19	gap at JO
13/06/09	73973	21:16:17 - 21:28:59	gap at MM
13/06/09	73973	20:14:47 - 20:28:33	gap at MA
13/06/09	73973	21:35:43 - 21:49:33	gap at JO
13/06/09	73974	22:48:03 - 23:01:09	gap at HO
13/06/09	73974	22:56:39 - 23:08:50	gap at MM
13/06/09	73965	07:11:16 - 07:13:14	gap at KS
13/06/09	73966	08:50:45 - 08:53:07	gap at KS
13/06/09	73967	10:30:22 - 10:32:48	gap at KS
13/06/09	73968	12:09:48 - 12:12:11	gap at KS
13/06/09	73969	13:48:43 - 13:51:10	gap at KS
13/06/09	73970	15:26:52 - 15:29:35	gap at KS
13/06/09	73971	17:04:34 - 17:07:04	gap at KS
13/06/09	73972	18:42:44 - 18:45:05	gap at KS
13/06/09	73973	20:22:13 - 20:24:10	gap at KS
13/06/09	73974	22:03:42 - 22:05:43	gap at KS
13/06/09	73975	23:48:06 - 23:49:34	gap at KS
13/06/09	73962	01:51:06 - 01:52:50	gap at GS
13/06/09	73963	03:29:57 - 03:31:44	gap at GS
13/06/09	73961	00:04:07 - 00:06:14	gap at MS
13/06/09	73967	10:44:06 - 10:46:36	gap at MS
13/06/09	73968	12:23:00 - 12:25:32	gap at MS
13/06/09	73974	21:54:32 - 21:56:28	gap at MS
13/06/09	73975	23:32:05 - 23:34:23	gap at MS
13/06/09	73966	08:59:58 - 09:01:09	gap at MA
13/06/09	73967	10:38:24 - 10:40:23	gap at MA
13/06/09	73974	21:55:51 - 21:57:43	gap at MA
13/06/09	73962	01:50:00 - 01:51:21	gap at MI
13/06/09	73963	03:24:45 - 03:27:23	gap at MI

13/06/09	73964	05:08:10 - 05:09:22	gap at MI
13/06/09	73970	15:44:57 - 15:46:46	gap at MI
13/06/09	73971	17:25:57 - 17:27:33	gap at MI
13/06/09	73962	02:28:42 - 02:31:00	gap at SG
13/06/09	73969	15:02:19 - 15:04:45	gap at SG
13/06/09	73963	04:35:54 - 04:41:56	gap at MM
14/06/09	73975	00:26:14 - 00:40:52	gap at HO
14/06/09	73975	00:38:01 - 00:48:55	gap at MM
14/06/09	73976	01:45:58 - 01:56:45	gap at BE
14/06/09	73976	02:20:28 - 02:29:15	gap at MM
14/06/09	73977	03:24:28 - 03:37:42	gap at BE
14/06/09	73977	04:03:32 - 04:10:04	gap at MM
14/06/09	73977	02:54:50 - 03:03:19	gap at CM
14/06/09	73977	04:32:03 - 04:44:00	gap at CM
14/06/09	73978	05:46:05 - 05:51:58	gap at MM
14/06/09	73979	07:27:19 - 07:34:58	gap at MM
14/06/09	73979	07:06:18 - 07:18:53	gap at JO
14/06/09	73980	09:07:49 - 09:17:48	gap at MM
14/06/09	73980	08:44:15 - 08:58:53	gap at JO
14/06/09	73981	10:48:00 - 10:59:42	gap at MM
14/06/09	73982	12:27:58 - 12:40:31	gap at MM
14/06/09	73982	11:48:56 - 11:54:34	gap at MA
14/06/09	73983	14:16:36 - 14:29:24	gap at HO
14/06/09	73983	14:07:42 - 14:20:25	gap at MM
14/06/09	73984	14:41:20 - 14:54:19	gap at BE
14/06/09	73984	15:47:09 - 15:59:45	gap at MM
14/06/09	73984	15:07:59 - 15:21:08	gap at GS
14/06/09	73984	16:10:46 - 16:23:21	gap at SG
14/06/09	73984	15:18:21 - 15:26:52	gap at CM
14/06/09	73985	17:26:22 - 17:38:53	gap at MM
14/06/09	73985	16:47:22 - 17:00:33	gap at GS
14/06/09	73985	16:56:00 - 17:07:51	gap at CM
14/06/09	73986	19:05:30 - 19:18:09	gap at MM
14/06/09	73986	19:26:22 - 19:37:40	gap at JO
14/06/09	73987	20:44:55 - 20:57:39	gap at MM
14/06/09	73987	19:44:18 - 19:56:44	gap at MA
14/06/09	73987	21:04:08 - 21:19:00	gap at JO
14/06/09	73988	22:18:01 - 22:29:37	gap at HO
14/06/09	73988	22:25:00 - 22:37:26	gap at MM
14/06/09	73988	22:46:48 - 22:53:00	gap at JO
14/06/09	73989	23:55:08 - 00:09:38	gap at HO
14/06/09	73979	06:40:08 - 06:41:54	gap at KS
14/06/09	73980	08:19:27 - 08:21:49	gap at KS
14/06/09	73981	09:59:04 - 10:01:28	gap at KS
14/06/09	73982	11:38:35 - 11:41:05	gap at KS
14/06/09	73983	13:17:42 - 13:20:05	gap at KS
14/06/09	73984	14:56:18 - 14:58:48	gap at KS
14/06/09	73985	16:33:55 - 16:36:25	gap at KS
14/06/09	73986	18:11:46 - 18:14:22	gap at KS

14/06/09	73987	19:50:46 - 19:52:50	gap at KS
14/06/09	73988	21:31:33 - 21:33:35	gap at KS
14/06/09	73989	23:14:51 - 23:16:36	gap at KS
14/06/09	73976	01:20:57 - 01:22:52	gap at GS
14/06/09	73977	02:58:24 - 03:00:12	gap at GS
14/06/09	73978	04:40:49 - 04:42:34	gap at GS
14/06/09	73981	10:14:00 - 10:16:28	gap at MS
14/06/09	73982	11:51:27 - 11:53:59	gap at MS
14/06/09	73989	23:00:44 - 23:02:45	gap at MS
14/06/09	73980	08:28:21 - 08:30:38	gap at MA
14/06/09	73981	10:07:08 - 10:08:54	gap at MA
14/06/09	73988	21:23:11 - 21:25:48	gap at MA
14/06/09	73977	02:53:58 - 02:55:38	gap at MI
14/06/09	73978	04:34:18 - 04:36:19	gap at MI
14/06/09	73984	15:14:12 - 15:16:20	gap at MI
14/06/09	73985	16:53:36 - 16:55:31	gap at MI
14/06/09	73977	03:35:25 - 03:37:51	gap at SG
14/06/09	73983	14:32:04 - 14:35:06	gap at SG
15/06/09	73989	23:55:08 - 00:09:38	gap at HO
15/06/09	73989	00:06:03 - 00:17:27	gap at MM
15/06/09	73990	01:36:27 - 01:47:54	gap at HO
15/06/09	73990	01:48:10 - 01:57:41	gap at MM
15/06/09	73991	02:53:12 - 03:06:35	gap at BE
15/06/09	73991	03:31:08 - 03:38:18	gap at MM
15/06/09	73991	04:00:37 - 04:13:02	gap at CM
15/06/09	73992	04:33:34 - 04:43:43	gap at BE
15/06/09	73992	05:14:00 - 05:19:47	gap at MM
15/06/09	73993	06:55:37 - 07:02:33	gap at MM
15/06/09	73993	06:37:08 - 06:46:24	gap at JO
15/06/09	73994	08:36:16 - 08:45:34	gap at MM
15/06/09	73994	07:59:07 - 08:07:05	gap at MA
15/06/09	73994	08:12:49 - 08:27:51	gap at JO
15/06/09	73995	10:16:33 - 10:27:47	gap at MM
15/06/09	73995	09:55:33 - 10:04:34	gap at JO
15/06/09	73996	11:56:35 - 12:08:56	gap at MM
15/06/09	73997	13:36:23 - 13:49:06	gap at MM
15/06/09	73998	14:09:49 - 14:23:14	gap at BE
15/06/09	73998	15:15:55 - 15:28:34	gap at MM
15/06/09	73998	14:37:13 - 14:48:09	gap at GS
15/06/09	73999	15:52:36 - 16:00:37	gap at BE
15/06/09	73999	16:55:12 - 17:07:44	gap at MM
15/06/09	73999	16:15:57 - 16:29:47	gap at GS
15/06/09	73999	16:24:35 - 16:37:00	gap at CM
15/06/09	74000	18:34:20 - 18:46:55	gap at MM
15/06/09	74000	17:56:30 - 18:06:04	gap at GS
15/06/09	74000	18:08:27 - 18:10:30	gap at CM
15/06/09	74001	20:13:37 - 20:26:21	gap at MM
15/06/09	74001	19:16:24 - 19:24:43	gap at MA
15/06/09	74001	20:32:55 - 20:47:52	gap at JO

15/06/09	74002	21:48:52 - 21:57:36	gap at HO
15/06/09	74002	21:53:27 - 22:06:03	gap at MM
15/06/09	74002	20:51:24 - 21:05:07	gap at MA
15/06/09	74003	23:24:07 - 23:38:20	gap at HO
15/06/09	74003	23:34:10 - 23:45:59	gap at MM
15/06/09	74003	22:35:59 - 22:42:28	gap at MA
15/06/09	73993	06:09:15 - 06:10:45	gap at KS
15/06/09	73994	07:48:10 - 07:50:32	gap at KS
15/06/09	73995	09:27:46 - 09:30:09	gap at KS
15/06/09	73996	11:07:20 - 11:09:46	gap at KS
15/06/09	73997	12:46:37 - 12:49:01	gap at KS
15/06/09	73998	14:25:25 - 14:27:54	gap at KS
15/06/09	73999	16:03:10 - 16:05:37	gap at KS
15/06/09	74000	17:41:05 - 17:43:34	gap at KS
15/06/09	74001	19:19:29 - 19:21:31	gap at KS
15/06/09	74002	20:59:38 - 21:01:34	gap at KS
15/06/09	74003	22:42:02 - 22:44:03	gap at KS
15/06/09	73990	00:51:22 - 00:53:19	gap at GS
15/06/09	73991	02:28:06 - 02:29:17	gap at GS
15/06/09	73992	04:07:54 - 04:09:50	gap at GS
15/06/09	73990	00:43:20 - 00:45:09	gap at MS
15/06/09	73996	11:20:20 - 11:22:53	gap at MS
15/06/09	73997	13:00:48 - 13:03:15	gap at MS
15/06/09	74003	22:29:59 - 22:32:02	gap at MS
15/06/09	73995	09:35:51 - 09:37:43	gap at MA
15/06/09	73991	02:23:53 - 02:25:32	gap at MI
15/06/09	73992	04:01:58 - 04:05:01	gap at MI
15/06/09	73998	14:44:10 - 14:46:11	gap at MI
15/06/09	73999	16:21:53 - 16:23:59	gap at MI
15/06/09	73991	03:04:24 - 03:06:51	gap at SG
15/06/09	73992	04:45:33 - 04:47:22	gap at SG
15/06/09	73997	14:03:05 - 14:04:53	gap at SG
15/06/09	73998	15:39:01 - 15:41:34	gap at SG
16/06/09	74004	01:04:05 - 01:17:23	gap at HO
16/06/09	74004	01:15:57 - 01:26:09	gap at MM
16/06/09	74005	02:22:10 - 02:34:58	gap at BE
16/06/09	74005	02:58:43 - 03:06:37	gap at MM
16/06/09	74005	03:29:55 - 03:41:30	gap at CM
16/06/09	74006	04:01:44 - 04:13:48	gap at BE
16/06/09	74006	04:41:46 - 04:47:44	gap at MM
16/06/09	74006	05:10:20 - 05:19:38	gap at CM
16/06/09	74007	06:23:49 - 06:30:09	gap at MM
16/06/09	74008	08:04:42 - 08:13:15	gap at MM
16/06/09	74008	07:41:58 - 07:56:28	gap at JO
16/06/09	74009	09:45:04 - 09:55:47	gap at MM
16/06/09	74009	09:22:15 - 09:34:58	gap at JO
16/06/09	74010	11:35:04 - 11:47:07	gap at HO
16/06/09	74010	11:25:10 - 11:37:16	gap at MM
16/06/09	74011	13:13:35 - 13:28:24	gap at HO

16/06/09	74011	13:05:02 - 13:17:43	gap at MM
16/06/09	74012	14:54:14 - 15:03:43	gap at HO
16/06/09	74012	14:44:40 - 14:57:22	gap at MM
16/06/09	74012	14:06:59 - 14:15:41	gap at GS
16/06/09	74013	15:19:22 - 15:30:37	gap at BE
16/06/09	74013	15:44:42 - 15:58:35	gap at GS
16/06/09	74013	15:53:44 - 16:05:26	gap at CM
16/06/09	74014	17:24:41 - 17:36:21	gap at GS
16/06/09	74014	17:33:59 - 17:43:12	gap at CM
16/06/09	74015	19:42:23 - 19:55:04	gap at MM
16/06/09	74015	18:47:33 - 18:51:43	gap at MA
16/06/09	74015	20:02:04 - 20:16:09	gap at JO
16/06/09	74016	21:22:00 - 21:34:41	gap at MM
16/06/09	74016	21:41:29 - 21:55:02	gap at JO
16/06/09	74017	23:02:24 - 23:14:33	gap at MM
16/06/09	74017	22:01:51 - 22:12:40	gap at MA
16/06/09	74008	07:16:56 - 07:18:50	gap at KS
16/06/09	74009	08:56:27 - 08:58:49	gap at KS
16/06/09	74010	10:36:04 - 10:38:30	gap at KS
16/06/09	74011	12:15:28 - 12:17:53	gap at KS
16/06/09	74012	13:54:22 - 13:56:51	gap at KS
16/06/09	74013	15:32:27 - 15:35:07	gap at KS
16/06/09	74014	17:10:11 - 17:12:40	gap at KS
16/06/09	74015	18:48:22 - 18:50:39	gap at KS
16/06/09	74016	20:27:57 - 20:29:56	gap at KS
16/06/09	74017	22:09:34 - 22:11:32	gap at KS
16/06/09	74018	23:54:12 - 23:55:40	gap at KS
16/06/09	74005	01:56:38 - 01:58:26	gap at GS
16/06/09	74006	03:35:44 - 03:37:31	gap at GS
16/06/09	74004	00:10:01 - 00:12:14	gap at MS
16/06/09	74010	10:49:36 - 10:52:06	gap at MS
16/06/09	74011	12:28:44 - 12:31:17	gap at MS
16/06/09	74017	21:59:54 - 22:01:37	gap at MS
16/06/09	74018	23:37:51 - 23:40:02	gap at MS
16/06/09	74009	09:05:33 - 09:06:48	gap at MA
16/06/09	74010	10:44:09 - 10:46:02	gap at MA
16/06/09	74016	20:20:22 - 20:23:35	gap at MA
16/06/09	74005	01:54:59 - 01:56:18	gap at MI
16/06/09	74006	03:30:25 - 03:34:16	gap at MI
16/06/09	74013	15:50:36 - 15:52:35	gap at MI
16/06/09	74014	17:31:58 - 17:34:22	gap at MI
16/06/09	74013	16:24:01 - 16:25:46	gap at MM
16/06/09	74014	18:03:11 - 18:05:57	gap at MM
16/06/09	74005	02:34:07 - 02:36:32	gap at SG
16/06/09	74005	02:39:56 - 02:45:57	gap at SG
16/06/09	74006	04:12:53 - 04:14:49	gap at SG
16/06/09	74006	04:17:11 - 04:25:24	gap at SG
16/06/09	74013	16:49:34 - 16:52:15	gap at SG
17/06/09	74018	00:43:51 - 00:54:39	gap at MM

17/06/09	74019	01:51:29 - 02:02:42	gap at BE
17/06/09	74019	02:26:21 - 02:35:00	gap at MM
17/06/09	74020	03:30:11 - 03:43:18	gap at BE
17/06/09	74020	04:09:26 - 04:15:51	gap at MM
17/06/09	74020	03:00:07 - 03:09:18	gap at CM
17/06/09	74021	05:51:54 - 05:57:50	gap at MM
17/06/09	74021	06:18:27 - 06:30:09	gap at CM
17/06/09	74022	07:33:04 - 07:40:52	gap at MM
17/06/09	74022	07:11:43 - 07:24:42	gap at JO
17/06/09	74023	09:13:33 - 09:23:39	gap at MM
17/06/09	74023	08:33:56 - 08:46:05	gap at MA
17/06/09	74023	08:50:02 - 09:04:29	gap at JO
17/06/09	74024	10:53:43 - 11:05:29	gap at MM
17/06/09	74025	12:33:41 - 12:46:15	gap at MM
17/06/09	74025	11:55:05 - 11:59:33	gap at MA
17/06/09	74026	14:13:23 - 14:26:07	gap at MM
17/06/09	74027	14:47:07 - 14:59:56	gap at BE
17/06/09	74027	15:52:50 - 16:05:25	gap at MM
17/06/09	74027	15:13:37 - 15:26:57	gap at GS
17/06/09	74027	15:23:40 - 15:32:56	gap at CM
17/06/09	74028	17:32:02 - 17:44:33	gap at MM
17/06/09	74028	16:53:05 - 17:06:06	gap at GS
17/06/09	74028	17:01:46 - 17:13:23	gap at CM
17/06/09	74029	19:11:10 - 19:23:49	gap at MM
17/06/09	74029	19:31:47 - 19:43:41	gap at JO
17/06/09	74030	20:50:37 - 21:03:21	gap at MM
17/06/09	74030	21:09:51 - 21:24:36	gap at JO
17/06/09	74031	22:30:45 - 22:43:08	gap at MM
17/06/09	74018	23:54:12 - 23:55:40	gap at KS
17/06/09	74022	06:45:47 - 06:47:35	gap at KS
17/06/09	74023	08:25:08 - 08:27:31	gap at KS
17/06/09	74024	10:04:46 - 10:07:10	gap at KS
17/06/09	74025	11:44:16 - 11:46:44	gap at KS
17/06/09	74026	13:23:21 - 13:25:45	gap at KS
17/06/09	74027	15:01:53 - 15:04:26	gap at KS
17/06/09	74028	16:39:29 - 16:41:59	gap at KS
17/06/09	74029	18:17:23 - 18:19:54	gap at KS
17/06/09	74030	19:56:28 - 19:58:33	gap at KS
17/06/09	74031	21:37:22 - 21:39:28	gap at KS
17/06/09	74032	23:20:51 - 23:23:27	gap at KS
17/06/09	74019	01:26:24 - 01:28:15	gap at GS
17/06/09	74020	03:04:06 - 03:06:14	gap at GS
17/06/09	74021	04:46:55 - 04:48:35	gap at GS
17/06/09	74024	10:19:26 - 10:21:57	gap at MS
17/06/09	74025	11:57:09 - 11:59:40	gap at MS
17/06/09	74032	23:06:23 - 23:08:35	gap at MS
17/06/09	74024	10:12:51 - 10:14:42	gap at MA
17/06/09	74030	19:49:48 - 19:53:12	gap at MA
17/06/09	74031	21:28:58 - 21:31:31	gap at MA

17/06/09	74020	02:59:31 - 03:01:30	gap at MI
17/06/09	74021	04:40:18 - 04:42:13	gap at MI
17/06/09	74027	15:19:45 - 15:21:47	gap at MI
17/06/09	74028	16:59:25 - 17:01:13	gap at MI
17/06/09	74019	02:05:04 - 02:09:57	gap at SG
17/06/09	74019	02:05:04 - 02:09:57	gap at SG
17/06/09	74020	03:41:07 - 03:49:47	gap at SG
17/06/09	74026	14:37:30 - 14:41:17	gap at SG
17/06/09	74027	16:16:37 - 16:19:10	gap at SG
18/06/09	74032	00:11:51 - 00:23:10	gap at MM
18/06/09	74033	01:54:02 - 02:03:26	gap at MM
18/06/09	74034	02:58:52 - 03:12:17	gap at BE
18/06/09	74034	03:37:02 - 03:44:04	gap at MM
18/06/09	74034	02:32:56 - 02:34:43	gap at CM
18/06/09	74035	05:19:51 - 05:25:37	gap at MM
18/06/09	74035	05:46:53 - 05:59:18	gap at CM
18/06/09	74036	07:01:23 - 07:08:27	gap at MM
18/06/09	74036	06:42:20 - 06:52:23	gap at JO
18/06/09	74037	08:42:01 - 08:51:26	gap at MM
18/06/09	74037	08:03:53 - 08:13:12	gap at MA
18/06/09	74037	08:18:30 - 08:33:31	gap at JO
18/06/09	74038	10:22:16 - 10:33:36	gap at MM
18/06/09	74038	10:01:51 - 10:09:44	gap at JO
18/06/09	74039	12:11:28 - 12:25:18	gap at HO
18/06/09	74039	12:02:17 - 12:14:41	gap at MM
18/06/09	74040	13:42:05 - 13:54:48	gap at MM
18/06/09	74041	14:15:30 - 14:28:54	gap at BE
18/06/09	74041	15:21:36 - 15:34:15	gap at MM
18/06/09	74041	14:42:47 - 14:53:37	gap at GS
18/06/09	74042	15:58:50 - 16:05:54	gap at BE
18/06/09	74042	17:00:52 - 17:13:24	gap at MM
18/06/09	74042	16:21:39 - 16:35:25	gap at GS
18/06/09	74042	16:30:16 - 16:42:40	gap at CM
18/06/09	74043	18:40:00 - 18:52:36	gap at MM
18/06/09	74043	18:02:19 - 18:11:24	gap at GS
18/06/09	74043	19:02:44 - 19:09:46	gap at JO
18/06/09	74044	20:19:19 - 20:32:02	gap at MM
18/06/09	74044	19:21:42 - 19:30:34	gap at MA
18/06/09	74044	20:38:34 - 20:53:34	gap at JO
18/06/09	74045	21:54:05 - 22:03:28	gap at HO
18/06/09	74045	21:59:11 - 22:11:45	gap at MM
18/06/09	74045	20:57:07 - 21:10:47	gap at MA
18/06/09	74045	22:19:31 - 22:30:01	gap at JO
18/06/09	74046	23:39:58 - 23:51:42	gap at MM
18/06/09	74046	22:42:26 - 22:47:40	gap at MA
18/06/09	74036	06:14:50 - 06:16:25	gap at KS
18/06/09	74037	07:53:51 - 07:56:15	gap at KS
18/06/09	74038	09:33:27 - 09:35:50	gap at KS
18/06/09	74039	11:13:01 - 11:15:27	gap at KS

18/06/09	74040	12:52:16 - 12:54:41	gap at KS
18/06/09	74041	14:31:02 - 14:33:31	gap at KS
18/06/09	74042	16:08:45 - 16:11:12	gap at KS
18/06/09	74043	17:46:40 - 17:49:17	gap at KS
18/06/09	74044	19:25:10 - 19:27:12	gap at KS
18/06/09	74045	21:05:25 - 21:07:20	gap at KS
18/06/09	74046	22:47:59 - 22:50:27	gap at KS
18/06/09	74033	00:56:42 - 00:58:11	gap at GS
18/06/09	74034	02:32:55 - 02:34:54	gap at GS
18/06/09	74035	04:13:49 - 04:15:44	gap at GS
18/06/09	74033	00:49:39 - 00:51:32	gap at MS
18/06/09	74039	11:25:59 - 11:28:33	gap at MS
18/06/09	74040	13:06:41 - 13:09:14	gap at MS
18/06/09	74046	22:35:31 - 22:37:48	gap at MS
18/06/09	74038	09:41:31 - 09:43:17	gap at MA
18/06/09	74034	02:29:18 - 02:31:31	gap at MI
18/06/09	74035	04:07:47 - 04:10:47	gap at MI
18/06/09	74041	14:49:33 - 14:51:37	gap at MI
18/06/09	74042	16:27:37 - 16:29:23	gap at MI
18/06/09	74035	04:39:23 - 04:41:55	gap at BE
18/06/09	74034	03:10:00 - 03:14:42	gap at SG
18/06/09	74034	03:17:53 - 03:23:42	gap at SG
18/06/09	74035	04:51:40 - 04:55:55	gap at SG
18/06/09	74040	14:08:11 - 14:10:06	gap at SG
18/06/09	74041	15:44:44 - 15:47:18	gap at SG
19/06/09	74047	01:21:48 - 01:31:53	gap at MM
19/06/09	74048	02:27:47 - 02:40:45	gap at BE
19/06/09	74048	03:04:37 - 03:12:22	gap at MM
19/06/09	74048	03:35:26 - 03:47:17	gap at CM
19/06/09	74049	04:47:38 - 04:53:33	gap at MM
19/06/09	74050	06:29:36 - 06:36:03	gap at MM
19/06/09	74050	05:16:24 - 05:24:57	gap at CM
19/06/09	74051	08:10:26 - 08:19:08	gap at MM
19/06/09	74051	07:47:32 - 08:02:11	gap at JO
19/06/09	74052	09:50:47 - 10:01:36	gap at MM
19/06/09	74052	09:28:12 - 09:40:27	gap at JO
19/06/09	74053	11:30:53 - 11:43:02	gap at MM
19/06/09	74054	13:10:44 - 13:23:26	gap at MM
19/06/09	74055	14:50:21 - 15:03:03	gap at MM
19/06/09	74055	14:12:25 - 14:21:48	gap at GS
19/06/09	74056	15:25:19 - 15:36:09	gap at BE
19/06/09	74056	16:29:42 - 16:42:15	gap at MM
19/06/09	74056	15:50:22 - 16:04:18	gap at GS
19/06/09	74056	15:59:18 - 16:11:14	gap at CM
19/06/09	74057	18:08:51 - 18:21:24	gap at MM
19/06/09	74057	17:30:27 - 17:41:48	gap at GS
19/06/09	74057	17:39:57 - 17:48:29	gap at CM
19/06/09	74058	19:48:03 - 20:00:45	gap at MM
19/06/09	74058	20:07:39 - 20:21:58	gap at JO

19/06/09	74059	21:27:43 - 21:40:23	gap at MM
19/06/09	74059	20:25:59 - 20:39:45	gap at MA
19/06/09	74059	21:47:17 - 22:00:30	gap at JO
19/06/09	74060	23:08:11 - 23:20:16	gap at MM
19/06/09	74060	22:08:21 - 22:18:10	gap at MA
19/06/09	74051	07:22:36 - 07:24:34	gap at KS
19/06/09	74052	09:02:08 - 09:04:32	gap at KS
19/06/09	74053	10:41:45 - 10:44:11	gap at KS
19/06/09	74054	12:21:08 - 12:23:32	gap at KS
19/06/09	74055	14:00:02 - 14:02:31	gap at KS
19/06/09	74056	15:38:03 - 15:40:30	gap at KS
19/06/09	74057	17:15:52 - 17:18:21	gap at KS
19/06/09	74058	18:54:01 - 18:56:12	gap at KS
19/06/09	74059	20:33:42 - 20:35:41	gap at KS
19/06/09	74060	22:15:27 - 22:17:46	gap at KS
19/06/09	74048	02:02:10 - 02:03:55	gap at GS
19/06/09	74049	03:41:32 - 03:43:17	gap at GS
19/06/09	74047	00:15:58 - 00:18:05	gap at MS
19/06/09	74053	10:55:03 - 10:57:30	gap at MS
19/06/09	74054	12:34:29 - 12:36:55	gap at MS
19/06/09	74060	22:05:19 - 22:07:10	gap at MS
19/06/09	74061	23:43:39 - 23:45:51	gap at MS
19/06/09	74052	09:11:10 - 09:12:20	gap at MA
19/06/09	74053	10:49:55 - 10:51:47	gap at MA
19/06/09	74058	18:53:07 - 18:56:09	gap at MA
19/06/09	74048	02:00:06 - 02:01:28	gap at MI
19/06/09	74049	03:36:07 - 03:39:20	gap at MI
19/06/09	74056	15:56:15 - 15:58:17	gap at MI
19/06/09	74057	17:38:02 - 17:39:36	gap at MI
19/06/09	74049	04:07:29 - 04:09:57	gap at BE
19/06/09	74048	02:39:33 - 02:41:52	gap at SG
19/06/09	74048	02:43:16 - 02:51:50	gap at SG
19/06/09	74049	04:18:44 - 04:30:05	gap at SG
19/06/09	74055	15:13:31 - 15:15:57	gap at SG
19/06/09	74056	16:55:47 - 16:58:14	gap at SG
20/06/09	74061	00:49:41 - 01:00:22	gap at MM
20/06/09	74061	00:00:21 - 00:05:49	gap at KS
20/06/09	74062	02:32:14 - 02:40:45	gap at MM
20/06/09	74063	04:15:19 - 04:21:38	gap at MM
20/06/09	74063	03:05:26 - 03:15:13	gap at CM
20/06/09	74063	04:43:40 - 04:55:06	gap at CM
20/06/09	74064	05:57:43 - 06:03:42	gap at MM
20/06/09	74065	07:38:49 - 07:46:45	gap at MM
20/06/09	74065	07:17:10 - 07:30:30	gap at JO
20/06/09	74066	09:19:17 - 09:29:30	gap at MM
20/06/09	74066	08:55:50 - 09:10:04	gap at JO
20/06/09	74067	10:59:27 - 11:11:16	gap at MM
20/06/09	74068	12:39:23 - 12:51:59	gap at MM
20/06/09	74069	14:19:05 - 14:31:48	gap at MM

20/06/09	74070	14:52:56 - 15:05:33	gap at BE
20/06/09	74070	15:58:30 - 16:11:05	gap at MM
20/06/09	74070	15:19:15 - 15:32:44	gap at GS
20/06/09	74070	15:29:03 - 15:38:56	gap at CM
20/06/09	74071	17:37:41 - 17:50:13	gap at MM
20/06/09	74071	16:58:49 - 17:11:38	gap at GS
20/06/09	74071	17:07:34 - 17:18:53	gap at CM
20/06/09	74072	19:16:51 - 19:29:30	gap at MM
20/06/09	74072	19:37:14 - 19:49:39	gap at JO
20/06/09	74073	20:56:19 - 21:09:03	gap at MM
20/06/09	74073	19:55:19 - 20:08:28	gap at MA
20/06/09	74073	21:15:35 - 21:30:11	gap at JO
20/06/09	74074	22:36:30 - 22:48:51	gap at MM
20/06/09	74065	06:51:26 - 06:53:18	gap at KS
20/06/09	74066	08:30:50 - 08:33:13	gap at KS
20/06/09	74067	10:10:27 - 10:12:52	gap at KS
20/06/09	74068	11:49:57 - 11:52:26	gap at KS
20/06/09	74069	13:28:59 - 13:31:23	gap at KS
20/06/09	74070	15:07:26 - 15:10:03	gap at KS
20/06/09	74071	16:45:03 - 16:47:35	gap at KS
20/06/09	74072	18:23:01 - 18:25:27	gap at KS
20/06/09	74073	20:02:11 - 20:04:12	gap at KS
20/06/09	74074	21:43:12 - 21:45:22	gap at KS
20/06/09	74075	23:26:52 - 23:29:30	gap at KS
20/06/09	74062	01:31:51 - 01:34:00	gap at GS
20/06/09	74063	03:09:49 - 03:11:41	gap at GS
20/06/09	74067	10:24:53 - 10:27:27	gap at MS
20/06/09	74068	12:02:55 - 12:05:18	gap at MS
20/06/09	74075	23:12:04 - 23:14:15	gap at MS
20/06/09	74066	08:39:42 - 08:41:38	gap at MA
20/06/09	74067	10:18:32 - 10:20:19	gap at MA
20/06/09	74074	21:34:46 - 21:37:14	gap at MA
20/06/09	74063	03:05:05 - 03:07:00	gap at MI
20/06/09	74064	04:46:21 - 04:48:34	gap at MI
20/06/09	74070	15:25:19 - 15:27:12	gap at MI
20/06/09	74071	17:05:16 - 17:07:22	gap at MI
20/06/09	74062	01:57:01 - 01:59:37	gap at BE
20/06/09	74063	03:35:54 - 03:38:27	gap at BE
20/06/09	74062	02:10:11 - 02:12:18	gap at SG
20/06/09	74062	02:17:12 - 02:18:58	gap at SG
20/06/09	74063	03:46:51 - 03:49:17	gap at SG
20/06/09	74063	03:52:14 - 04:00:29	gap at SG
20/06/09	74070	16:22:31 - 16:27:27	gap at SG
21/06/09	74075	00:17:40 - 00:28:53	gap at MM
21/06/09	74076	01:59:54 - 02:09:10	gap at MM
21/06/09	74077	03:04:32 - 03:17:57	gap at BE
21/06/09	74077	03:42:55 - 03:49:50	gap at MM
21/06/09	74077	02:37:11 - 02:41:41	gap at CM
21/06/09	74077	04:11:58 - 04:24:21	gap at CM

21/06/09	74078	05:25:41 - 05:31:28	gap at MM
21/06/09	74079	07:07:09 - 07:14:21	gap at MM
21/06/09	74079	06:47:35 - 06:58:19	gap at JO
21/06/09	74080	08:47:45 - 08:57:18	gap at MM
21/06/09	74080	08:09:14 - 08:19:15	gap at MA
21/06/09	74080	08:24:11 - 08:39:11	gap at JO
21/06/09	74081	10:27:59 - 10:39:24	gap at MM
21/06/09	74081	10:08:17 - 10:14:45	gap at JO
21/06/09	74082	12:08:00 - 12:20:26	gap at MM
21/06/09	74082	11:28:24 - 11:36:24	gap at MA
21/06/09	74083	13:47:46 - 14:00:30	gap at MM
21/06/09	74084	14:21:13 - 14:34:34	gap at BE
21/06/09	74084	15:27:17 - 15:39:55	gap at MM
21/06/09	74084	14:48:22 - 15:00:39	gap at GS
21/06/09	74084	15:00:41 - 15:04:38	gap at CM
21/06/09	74085	16:05:11 - 16:11:05	gap at BE
21/06/09	74085	17:06:32 - 17:19:04	gap at MM
21/06/09	74085	16:27:22 - 16:41:01	gap at GS
21/06/09	74085	16:35:57 - 16:48:19	gap at CM
21/06/09	74086	18:45:40 - 18:58:16	gap at MM
21/06/09	74086	18:08:09 - 18:16:43	gap at GS
21/06/09	74086	19:07:49 - 19:16:08	gap at JO
21/06/09	74087	20:25:00 - 20:37:44	gap at MM
21/06/09	74087	19:27:03 - 19:36:24	gap at MA
21/06/09	74087	20:44:14 - 20:59:15	gap at JO
21/06/09	74088	22:04:55 - 22:17:27	gap at MM
21/06/09	74088	21:03:00 - 21:16:26	gap at MA
21/06/09	74088	22:25:28 - 22:35:15	gap at JO
21/06/09	74089	23:45:45 - 23:57:25	gap at MM
21/06/09	74079	06:20:27 - 06:22:06	gap at KS
21/06/09	74080	07:59:32 - 08:01:57	gap at KS
21/06/09	74081	09:39:09 - 09:41:32	gap at KS
21/06/09	74082	11:18:42 - 11:21:09	gap at KS
21/06/09	74083	12:57:55 - 13:00:20	gap at KS
21/06/09	74084	14:36:40 - 14:39:09	gap at KS
21/06/09	74085	16:14:20 - 16:16:57	gap at KS
21/06/09	74086	17:52:14 - 17:54:56	gap at KS
21/06/09	74087	19:30:50 - 19:33:01	gap at KS
21/06/09	74088	21:11:13 - 21:13:08	gap at KS
21/06/09	74089	22:53:56 - 22:55:51	gap at KS
21/06/09	74076	01:02:03 - 01:03:37	gap at GS
21/06/09	74077	02:38:34 - 02:40:25	gap at GS
21/06/09	74078	04:19:45 - 04:21:38	gap at GS
21/06/09	74082	11:31:39 - 11:34:13	gap at MS
21/06/09	74083	13:12:35 - 13:15:01	gap at MS
21/06/09	74089	22:41:05 - 22:43:07	gap at MS
21/06/09	74081	09:47:12 - 09:48:58	gap at MA
21/06/09	74077	02:34:44 - 02:37:03	gap at MI
21/06/09	74078	04:13:37 - 04:15:42	gap at MI

21/06/09	74084	14:54:58 - 14:57:07	gap at MI
21/06/09	74085	16:33:21 - 16:35:18	gap at MI
21/06/09	74078	04:45:15 - 04:47:45	gap at BE
21/06/09	74077	03:15:37 - 03:18:09	gap at SG
21/06/09	74078	04:57:53 - 04:59:43	gap at SG
21/06/09	74083	14:13:23 - 14:15:19	gap at SG
21/06/09	74084	15:50:29 - 15:52:59	gap at SG
22/06/09	74090	01:27:40 - 01:37:37	gap at MM
22/06/09	74091	03:10:30 - 03:18:08	gap at MM
22/06/09	74091	02:45:02 - 02:57:41	gap at SG
22/06/09	74091	03:40:59 - 03:53:02	gap at CM
22/06/09	74092	04:53:30 - 04:59:22	gap at MM
22/06/09	74093	06:35:23 - 06:41:56	gap at MM
22/06/09	74093	05:49:59 - 05:52:29	gap at KS
22/06/09	74093	05:22:33 - 05:30:13	gap at CM
22/06/09	74094	08:16:11 - 08:25:00	gap at MM
22/06/09	74094	07:53:07 - 08:07:55	gap at JO
22/06/09	74095	09:56:31 - 10:07:26	gap at MM
22/06/09	74095	09:34:11 - 09:45:53	gap at JO
22/06/09	74096	11:36:35 - 11:48:48	gap at MM
22/06/09	74097	13:16:26 - 13:29:08	gap at MM
22/06/09	74098	14:56:02 - 15:08:43	gap at MM
22/06/09	74098	14:17:53 - 14:27:53	gap at GS
22/06/09	74098	15:19:09 - 15:33:00	gap at SG
22/06/09	74099	15:31:18 - 15:41:39	gap at BE
22/06/09	74099	16:35:22 - 16:47:54	gap at MM
22/06/09	74099	15:56:03 - 16:09:59	gap at GS
22/06/09	74099	16:04:53 - 16:17:00	gap at CM
22/06/09	74100	18:14:30 - 18:27:04	gap at MM
22/06/09	74100	17:36:13 - 17:47:13	gap at GS
22/06/09	74100	17:45:59 - 17:53:41	gap at CM
22/06/09	74101	19:53:44 - 20:06:26	gap at MM
22/06/09	74101	19:01:50 - 19:10:57	gap at MA
22/06/09	74101	20:13:14 - 20:27:45	gap at JO
22/06/09	74102	21:33:26 - 21:46:05	gap at MM
22/06/09	74102	20:31:36 - 20:45:19	gap at MA
22/06/09	74102	21:53:06 - 22:05:56	gap at JO
22/06/09	74103	23:13:57 - 23:25:59	gap at MM
22/06/09	74103	22:14:23 - 22:23:39	gap at MA
22/06/09	74103	22:21:20 - 22:23:19	gap at KS
22/06/09	74102	20:39:27 - 20:41:26	gap at KS
22/06/09	74101	18:59:40 - 19:02:01	gap at KS
22/06/09	74094	07:28:17 - 07:30:19	gap at KS
22/06/09	74095	09:07:50 - 09:10:14	gap at KS
22/06/09	74096	10:47:26 - 10:49:53	gap at KS
22/06/09	74097	12:26:48 - 12:29:14	gap at KS
22/06/09	74098	14:05:41 - 14:08:10	gap at KS
22/06/09	74099	15:43:38 - 15:46:12	gap at KS
22/06/09	74100	17:21:29 - 17:23:59	gap at KS

22/06/09	74091	02:07:44 - 02:09:40	gap at GS
22/06/09	74092	03:47:22 - 03:49:24	gap at GS
22/06/09	74090	00:21:57 - 00:24:00	gap at MS
22/06/09	74096	11:00:39 - 11:03:08	gap at MS
22/06/09	74097	12:40:15 - 12:42:41	gap at MS
22/06/09	74103	22:10:45 - 22:12:46	gap at MS
22/06/09	74104	23:49:28 - 23:51:37	gap at MS
22/06/09	74095	09:16:23 - 09:17:57	gap at MA
22/06/09	74096	10:55:42 - 10:57:28	gap at MA
22/06/09	74091	02:05:17 - 02:06:49	gap at MI
22/06/09	74092	03:41:49 - 03:44:19	gap at MI
22/06/09	74098	14:25:59 - 14:27:02	gap at MI
22/06/09	74099	16:01:55 - 16:03:37	gap at MI
22/06/09	74100	17:44:13 - 17:45:32	gap at MI
22/06/09	74091	02:33:25 - 02:35:59	gap at BE
22/06/09	74092	04:13:16 - 04:15:47	gap at BE
22/06/09	74092	04:24:37 - 04:26:51	gap at SG
23/06/09	74104	00:43:42 - 00:57:48	gap at HO
23/06/09	74104	00:55:31 - 01:06:06	gap at MM
23/06/09	74104	00:06:32 - 00:11:21	gap at KS
23/06/09	74105	02:38:07 - 02:46:30	gap at MM
23/06/09	74106	04:21:12 - 04:27:26	gap at MM
23/06/09	74106	03:10:49 - 03:21:07	gap at CM
23/06/09	74106	04:49:32 - 05:00:37	gap at CM
23/06/09	74107	06:03:31 - 06:09:34	gap at MM
23/06/09	74108	07:44:35 - 07:52:39	gap at MM
23/06/09	74108	06:57:06 - 07:06:22	gap at KS
23/06/09	74108	07:22:38 - 07:36:18	gap at JO
23/06/09	74109	09:25:01 - 09:35:21	gap at MM
23/06/09	74109	08:45:29 - 08:57:50	gap at MA
23/06/09	74109	09:01:39 - 09:15:38	gap at JO
23/06/09	74110	11:05:10 - 11:17:03	gap at MM
23/06/09	74110	10:16:09 - 10:30:09	gap at KS
23/06/09	74111	12:45:05 - 12:57:42	gap at MM
23/06/09	74112	14:24:46 - 14:37:29	gap at MM
23/06/09	74113	14:58:46 - 15:11:09	gap at BE
23/06/09	74113	16:04:10 - 16:16:45	gap at MM
23/06/09	74113	15:24:54 - 15:38:30	gap at GS
23/06/09	74113	15:34:29 - 15:44:53	gap at CM
23/06/09	74114	17:43:21 - 17:55:53	gap at MM
23/06/09	74114	17:04:33 - 17:17:09	gap at GS
23/06/09	74114	17:13:23 - 17:24:21	gap at CM
23/06/09	74115	19:22:31 - 19:35:11	gap at MM
23/06/09	74115	19:42:42 - 19:55:36	gap at JO
23/06/09	74116	21:02:01 - 21:14:44	gap at MM
23/06/09	74116	21:21:19 - 21:35:45	gap at JO
23/06/09	74117	22:42:15 - 22:54:34	gap at MM
23/06/09	74117	21:40:35 - 21:53:13	gap at MA
23/06/09	74112	13:34:37 - 13:37:03	gap at KS

23/06/09	74114	16:50:36 - 16:54:09	gap at KS
23/06/09	74111	11:55:37 - 11:58:07	gap at KS
23/06/09	74109	08:36:31 - 08:38:55	gap at KS
23/06/09	74113	15:12:59 - 15:15:40	gap at KS
23/06/09	74115	18:28:38 - 18:31:07	gap at KS
23/06/09	74117	21:49:03 - 21:51:00	gap at KS
23/06/09	74118	23:32:55 - 23:34:40	gap at KS
23/06/09	74116	20:07:54 - 20:09:51	gap at KS
23/06/09	74105	01:37:20 - 01:39:20	gap at GS
23/06/09	74106	03:15:33 - 03:17:26	gap at GS
23/06/09	74104	23:49:28 - 23:51:37	gap at MS
23/06/09	74110	10:30:22 - 10:32:55	gap at MS
23/06/09	74111	12:08:38 - 12:11:10	gap at MS
23/06/09	74118	23:17:46 - 23:19:56	gap at MS
23/06/09	74110	10:24:11 - 10:26:02	gap at MA
23/06/09	74116	20:00:52 - 20:04:12	gap at MA
23/06/09	74106	03:10:41 - 03:12:46	gap at MI
23/06/09	74107	04:52:27 - 04:54:04	gap at MI
23/06/09	74113	15:30:54 - 15:32:59	gap at MI
23/06/09	74114	17:11:08 - 17:13:12	gap at MI
23/06/09	74105	02:02:35 - 02:05:17	gap at BE
23/06/09	74106	03:41:38 - 03:44:18	gap at BE
23/06/09	74105	02:15:24 - 02:17:22	gap at SG
23/06/09	74106	03:52:35 - 03:54:46	gap at SG
23/06/09	74112	14:48:28 - 14:52:58	gap at SG
24/06/09	74118	00:23:28 - 00:34:37	gap at MM
24/06/09	74119	02:05:46 - 02:14:54	gap at MM
24/06/09	74120	03:10:14 - 03:23:37	gap at BE
24/06/09	74120	03:48:49 - 03:55:37	gap at MM
24/06/09	74120	03:21:15 - 03:35:06	gap at SG
24/06/09	74120	02:42:01 - 02:48:03	gap at CM
24/06/09	74120	04:17:40 - 04:29:59	gap at CM
24/06/09	74121	04:51:07 - 04:59:43	gap at BE
24/06/09	74121	05:31:31 - 05:37:19	gap at MM
24/06/09	74122	07:12:55 - 07:20:14	gap at MM
24/06/09	74122	06:52:53 - 07:04:14	gap at JO
24/06/09	74123	08:53:29 - 09:03:10	gap at MM
24/06/09	74123	08:14:39 - 08:25:16	gap at MA
24/06/09	74123	08:29:54 - 08:44:49	gap at JO
24/06/09	74124	10:33:42 - 10:45:13	gap at MM
24/06/09	74125	12:13:42 - 12:26:11	gap at MM
24/06/09	74125	11:34:12 - 11:41:40	gap at MA
24/06/09	74126	13:53:28 - 14:06:12	gap at MM
24/06/09	74127	15:32:58 - 15:45:35	gap at MM
24/06/09	74127	14:53:57 - 15:06:32	gap at GS
24/06/09	74127	15:05:28 - 15:11:15	gap at CM
24/06/09	74128	17:12:12 - 17:24:44	gap at MM
24/06/09	74128	16:33:04 - 16:46:37	gap at GS
24/06/09	74128	16:41:39 - 16:53:55	gap at CM

24/06/09	74129	18:51:20 - 19:03:57	gap at MM
24/06/09	74129	18:14:00 - 18:22:00	gap at GS
24/06/09	74129	19:13:02 - 19:22:23	gap at JO
24/06/09	74130	20:30:41 - 20:43:25	gap at MM
24/06/09	74130	19:30:36 - 19:42:13	gap at MA
24/06/09	74130	20:49:54 - 21:04:55	gap at JO
24/06/09	74131	22:10:39 - 22:23:10	gap at MM
24/06/09	74131	22:31:28 - 22:40:26	gap at JO
24/06/09	74132	23:41:02 - 23:55:25	gap at HO
24/06/09	74132	23:51:33 - 00:03:09	gap at MM
24/06/09	74122	06:26:03 - 06:27:45	gap at KS
24/06/09	74123	08:05:13 - 08:07:36	gap at KS
24/06/09	74124	09:44:50 - 09:47:15	gap at KS
24/06/09	74125	11:24:23 - 11:26:53	gap at KS
24/06/09	74126	13:03:35 - 13:05:58	gap at KS
24/06/09	74127	14:42:17 - 14:44:45	gap at KS
24/06/09	74128	16:19:57 - 16:22:27	gap at KS
24/06/09	74129	17:57:47 - 18:00:30	gap at KS
24/06/09	74130	19:36:31 - 19:38:33	gap at KS
24/06/09	74131	21:17:01 - 21:19:01	gap at KS
24/06/09	74132	22:59:53 - 23:02:25	gap at KS
24/06/09	74119	01:07:25 - 01:09:02	gap at GS
24/06/09	74120	02:44:13 - 02:46:10	gap at GS
24/06/09	74121	04:25:44 - 04:27:37	gap at GS
24/06/09	74125	11:37:20 - 11:39:53	gap at MS
24/06/09	74126	13:18:32 - 13:20:58	gap at MS
24/06/09	74132	22:46:41 - 22:48:49	gap at MS
24/06/09	74124	09:52:53 - 09:54:41	gap at MA
24/06/09	74131	21:08:48 - 21:11:29	gap at MA
24/06/09	74120	02:40:11 - 02:41:55	gap at MI
24/06/09	74121	04:19:29 - 04:21:33	gap at MI
24/06/09	74127	15:00:26 - 15:02:41	gap at MI
24/06/09	74128	16:39:07 - 16:41:12	gap at MI
24/06/09	74127	14:26:56 - 14:29:38	gap at BE
24/06/09	74127	14:32:18 - 14:40:13	gap at BE
24/06/09	74126	14:18:39 - 14:23:41	gap at SG
24/06/09	74127	15:56:15 - 16:03:41	gap at SG
25/06/09	74132	23:51:33 - 00:03:09	gap at MM
25/06/09	74133	01:33:31 - 01:43:21	gap at MM
25/06/09	74134	02:39:03 - 02:52:17	gap at BE
25/06/09	74134	03:16:24 - 03:23:53	gap at MM
25/06/09	74134	03:46:34 - 03:58:46	gap at CM
25/06/09	74135	04:59:22 - 05:05:12	gap at MM
25/06/09	74136	06:41:10 - 06:47:49	gap at MM
25/06/09	74136	05:55:25 - 05:59:51	gap at KS
25/06/09	74136	05:28:48 - 05:35:21	gap at CM
25/06/09	74136	06:24:28 - 06:31:10	gap at JO
25/06/09	74137	08:21:56 - 08:30:53	gap at MM
25/06/09	74137	07:58:43 - 08:13:37	gap at JO

25/06/09	74138	10:02:14 - 10:13:15	gap at MM
25/06/09	74138	09:40:13 - 09:51:17	gap at JO
25/06/09	74139	11:42:18 - 11:54:33	gap at MM
25/06/09	74140	13:22:08 - 13:34:51	gap at MM
25/06/09	74141	13:55:39 - 14:09:01	gap at BE
25/06/09	74141	15:01:43 - 15:14:24	gap at MM
25/06/09	74141	14:23:23 - 14:33:54	gap at GS
25/06/09	74142	15:37:19 - 15:47:07	gap at BE
25/06/09	74142	16:41:02 - 16:53:34	gap at MM
25/06/09	74142	16:01:44 - 16:15:39	gap at GS
25/06/09	74142	16:10:29 - 16:22:45	gap at CM
25/06/09	74143	18:20:10 - 18:32:45	gap at MM
25/06/09	74143	17:50:36 - 17:54:53	gap at MI
25/06/09	74143	17:42:00 - 17:52:38	gap at GS
25/06/09	74143	17:52:06 - 17:58:48	gap at CM
25/06/09	74144	19:59:25 - 20:12:08	gap at MM
25/06/09	74144	20:18:50 - 20:33:32	gap at JO
25/06/09	74145	21:39:09 - 21:51:47	gap at MM
25/06/09	74145	20:37:14 - 20:50:54	gap at MA
25/06/09	74145	21:58:56 - 22:11:21	gap at JO
25/06/09	74146	23:19:43 - 23:31:42	gap at MM
25/06/09	74137	07:33:58 - 07:35:57	gap at KS
25/06/09	74138	09:13:32 - 09:15:56	gap at KS
25/06/09	74139	10:53:08 - 10:55:34	gap at KS
25/06/09	74140	12:32:28 - 12:34:53	gap at KS
25/06/09	74141	14:11:20 - 14:13:50	gap at KS
25/06/09	74142	15:49:13 - 15:51:48	gap at KS
25/06/09	74143	17:27:07 - 17:29:37	gap at KS
25/06/09	74144	19:05:19 - 19:07:39	gap at KS
25/06/09	74145	20:45:13 - 20:47:09	gap at KS
25/06/09	74146	22:27:14 - 22:29:20	gap at KS
25/06/09	74134	02:13:44 - 02:15:24	gap at GS
25/06/09	74135	03:53:12 - 03:55:11	gap at GS
25/06/09	74133	00:27:59 - 00:30:18	gap at MS
25/06/09	74139	11:06:16 - 11:08:48	gap at MS
25/06/09	74140	12:46:07 - 12:48:32	gap at MS
25/06/09	74146	22:16:13 - 22:18:14	gap at MS
25/06/09	74147	23:55:18 - 23:57:31	gap at MS
25/06/09	74138	09:21:42 - 09:23:35	gap at MA
25/06/09	74139	11:01:59 - 11:03:16	gap at MA
25/06/09	74144	19:03:23 - 19:07:27	gap at MA
25/06/09	74134	02:10:33 - 02:12:19	gap at MI
25/06/09	74135	03:47:33 - 03:50:35	gap at MI
25/06/09	74135	03:58:33 - 04:00:44	gap at MI
25/06/09	74141	14:31:02 - 14:32:46	gap at MI
25/06/09	74142	16:07:36 - 16:09:27	gap at MI
25/06/09	74135	04:19:03 - 04:23:30	gap at BE
25/06/09	74134	02:50:32 - 02:52:51	gap at SG
25/06/09	74135	04:30:32 - 04:34:29	gap at SG

25/06/09	74141	15:24:48 - 15:27:09	gap at SG
26/06/09	74147	01:01:21 - 01:11:50	gap at MM
26/06/09	74147	00:12:47 - 00:16:50	gap at KS
26/06/09	74148	02:08:10 - 02:20:23	gap at BE
26/06/09	74148	02:44:00 - 02:52:14	gap at MM
26/06/09	74149	03:47:22 - 04:00:00	gap at BE
26/06/09	74149	04:27:05 - 04:33:14	gap at MM
26/06/09	74149	03:16:14 - 03:26:58	gap at CM
26/06/09	74149	04:55:25 - 05:06:06	gap at CM
26/06/09	74150	06:09:20 - 06:15:27	gap at MM
26/06/09	74151	07:50:20 - 07:58:32	gap at MM
26/06/09	74151	07:28:08 - 07:42:04	gap at JO
26/06/09	74152	09:30:44 - 09:41:11	gap at MM
26/06/09	74152	09:07:30 - 09:21:11	gap at JO
26/06/09	74153	11:10:52 - 11:22:50	gap at MM
26/06/09	74153	10:21:50 - 10:35:50	gap at KS
26/06/09	74154	12:50:47 - 13:03:25	gap at MM
26/06/09	74155	14:30:27 - 14:43:10	gap at MM
26/06/09	74156	15:04:37 - 15:16:44	gap at BE
26/06/09	74156	16:09:51 - 16:22:25	gap at MM
26/06/09	74156	15:30:33 - 15:44:16	gap at GS
26/06/09	74156	16:34:24 - 16:45:00	gap at SG
26/06/09	74156	15:39:57 - 15:50:48	gap at CM
26/06/09	74157	17:49:01 - 18:01:33	gap at MM
26/06/09	74157	17:10:18 - 17:22:39	gap at GS
26/06/09	74157	17:19:14 - 17:29:47	gap at CM
26/06/09	74158	19:28:11 - 19:40:52	gap at MM
26/06/09	74158	19:48:13 - 20:01:30	gap at JO
26/06/09	74159	21:07:44 - 21:20:26	gap at MM
26/06/09	74159	21:27:04 - 21:41:17	gap at JO
26/06/09	74160	22:48:00 - 23:00:16	gap at MM
26/06/09	74151	07:02:46 - 07:04:40	gap at KS
26/06/09	74152	08:42:13 - 08:44:36	gap at KS
26/06/09	74154	12:01:17 - 12:03:46	gap at KS
26/06/09	74155	13:40:16 - 13:42:43	gap at KS
26/06/09	74156	15:18:30 - 15:21:15	gap at KS
26/06/09	74157	16:56:11 - 16:58:50	gap at KS
26/06/09	74158	18:34:16 - 18:36:43	gap at KS
26/06/09	74159	20:13:37 - 20:15:33	gap at KS
26/06/09	74160	21:54:54 - 21:56:56	gap at KS
26/06/09	74161	23:38:58 - 23:40:48	gap at KS
26/06/09	74148	01:42:50 - 01:45:04	gap at GS
26/06/09	74149	03:21:18 - 03:23:22	gap at GS
26/06/09	74147	23:55:18 - 23:57:31	gap at MS
26/06/09	74153	10:35:51 - 10:38:23	gap at MS
26/06/09	74154	12:14:24 - 12:16:54	gap at MS
26/06/09	74161	23:23:29 - 23:25:40	gap at MS
26/06/09	74152	08:51:17 - 08:53:29	gap at MA
26/06/09	74153	10:29:51 - 10:31:38	gap at MA

26/06/09	74159	20:06:25 - 20:09:43	gap at MA
26/06/09	74160	21:47:01 - 21:48:50	gap at MA
26/06/09	74156	15:36:31 - 15:38:30	gap at MI
26/06/09	74157	17:17:02 - 17:19:17	gap at MI
26/06/09	74148	02:20:41 - 02:22:46	gap at SG
26/06/09	74149	03:58:21 - 04:00:34	gap at SG
26/06/09	74155	14:53:59 - 14:56:07	gap at SG
27/06/09	74161	00:29:18 - 00:40:20	gap at MM
27/06/09	74162	02:11:39 - 02:20:39	gap at MM
27/06/09	74163	03:15:55 - 03:29:16	gap at BE
27/06/09	74163	03:54:42 - 04:01:23	gap at MM
27/06/09	74163	03:26:54 - 03:40:47	gap at SG
27/06/09	74163	02:47:04 - 02:54:14	gap at CM
27/06/09	74163	04:23:24 - 04:35:36	gap at CM
27/06/09	74164	04:57:01 - 05:04:59	gap at BE
27/06/09	74164	05:37:21 - 05:43:10	gap at MM
27/06/09	74165	07:18:41 - 07:26:08	gap at MM
27/06/09	74165	06:58:14 - 07:10:06	gap at JO
27/06/09	74166	08:59:13 - 09:09:01	gap at MM
27/06/09	74166	08:20:07 - 08:31:15	gap at MA
27/06/09	74166	08:35:37 - 08:50:27	gap at JO
27/06/09	74167	10:39:26 - 10:51:00	gap at MM
27/06/09	74168	12:19:25 - 12:31:55	gap at MM
27/06/09	74168	11:40:00 - 11:46:53	gap at MA
27/06/09	74169	13:59:09 - 14:11:53	gap at MM
27/06/09	74170	14:32:41 - 14:45:52	gap at BE
27/06/09	74170	15:38:38 - 15:51:15	gap at MM
27/06/09	74170	14:59:34 - 15:12:23	gap at GS
27/06/09	74170	16:02:02 - 16:15:05	gap at SG
27/06/09	74170	15:10:31 - 15:17:36	gap at CM
27/06/09	74171	17:17:52 - 17:30:23	gap at MM
27/06/09	74171	16:38:47 - 16:52:12	gap at GS
27/06/09	74171	16:47:23 - 16:59:31	gap at CM
27/06/09	74172	18:57:00 - 19:09:38	gap at MM
27/06/09	74172	18:19:53 - 18:27:14	gap at GS
27/06/09	74172	19:18:19 - 19:28:33	gap at JO
27/06/09	74173	20:36:23 - 20:49:07	gap at MM
27/06/09	74173	19:36:04 - 19:48:01	gap at MA
27/06/09	74173	20:55:35 - 21:10:34	gap at JO
27/06/09	74174	22:16:23 - 22:28:52	gap at MM
27/06/09	74174	22:37:32 - 22:45:33	gap at JO
27/06/09	74175	23:46:41 - 00:01:06	gap at HO
27/06/09	74165	06:31:41 - 06:33:26	gap at KS
27/06/09	74166	08:10:55 - 08:13:21	gap at KS
27/06/09	74167	09:50:32 - 09:52:57	gap at KS
27/06/09	74168	11:30:04 - 11:32:34	gap at KS
27/06/09	74169	13:09:14 - 13:11:39	gap at KS
27/06/09	74170	14:47:54 - 14:50:25	gap at KS
27/06/09	74171	16:25:34 - 16:28:06	gap at KS

27/06/09	74172	18:03:21 - 18:05:59	gap at KS
27/06/09	74173	19:42:13 - 19:44:23	gap at KS
27/06/09	74174	21:22:49 - 21:24:53	gap at KS
27/06/09	74175	23:05:52 - 23:07:44	gap at KS
27/06/09	74162	01:12:49 - 01:14:50	gap at GS
27/06/09	74163	02:49:53 - 02:51:44	gap at GS
27/06/09	74164	04:31:44 - 04:33:33	gap at GS
27/06/09	74167	10:06:04 - 10:08:21	gap at MS
27/06/09	74168	11:43:00 - 11:45:34	gap at MS
27/06/09	74169	13:24:37 - 13:26:59	gap at MS
27/06/09	74175	22:52:17 - 22:54:17	gap at MS
27/06/09	74167	09:58:34 - 10:00:23	gap at MA
27/06/09	74174	21:14:32 - 21:17:11	gap at MA
27/06/09	74163	02:45:41 - 02:47:34	gap at MI
27/06/09	74164	04:25:23 - 04:27:16	gap at MI
27/06/09	74170	15:05:55 - 15:08:41	gap at MI
27/06/09	74171	16:44:54 - 16:47:00	gap at MI
27/06/09	74169	14:23:59 - 14:26:14	gap at SG
28/06/09	74175	23:57:20 - 00:08:52	gap at MM
28/06/09	74176	01:39:22 - 01:49:05	gap at MM
28/06/09	74176	00:43:25 - 00:51:35	gap at GS
28/06/09	74177	02:44:42 - 02:58:01	gap at BE
28/06/09	74177	03:22:17 - 03:29:39	gap at MM
28/06/09	74177	02:56:04 - 03:09:18	gap at SG
28/06/09	74177	03:52:10 - 04:04:29	gap at CM
28/06/09	74178	04:24:50 - 04:35:38	gap at BE
28/06/09	74178	05:05:13 - 05:11:01	gap at MM
28/06/09	74178	04:36:30 - 04:47:01	gap at SG
28/06/09	74179	06:46:57 - 06:53:43	gap at MM
28/06/09	74179	06:00:56 - 06:06:04	gap at KS
28/06/09	74179	05:35:14 - 05:40:19	gap at CM
28/06/09	74179	06:29:27 - 06:37:19	gap at JO
28/06/09	74180	08:27:40 - 08:36:46	gap at MM
28/06/09	74180	08:04:21 - 08:19:19	gap at JO
28/06/09	74181	10:07:58 - 10:19:04	gap at MM
28/06/09	74181	09:46:18 - 09:56:38	gap at JO
28/06/09	74182	11:48:01 - 12:00:19	gap at MM
28/06/09	74183	13:27:50 - 13:40:33	gap at MM
28/06/09	74184	14:01:18 - 14:14:42	gap at BE
28/06/09	74184	15:17:38 - 15:25:29	gap at HO
28/06/09	74184	15:07:24 - 15:20:04	gap at MM
28/06/09	74184	14:28:54 - 14:39:54	gap at GS
28/06/09	74185	15:43:23 - 15:52:33	gap at BE
28/06/09	74185	16:46:42 - 16:59:14	gap at MM
28/06/09	74185	16:07:25 - 16:21:19	gap at GS
28/06/09	74185	16:16:07 - 16:28:28	gap at CM
28/06/09	74186	18:25:50 - 18:38:25	gap at MM
28/06/09	74186	17:47:47 - 17:58:01	gap at GS
28/06/09	74186	17:58:21 - 18:03:46	gap at CM

28/06/09	74187	20:05:06 - 20:17:49	gap at MM
28/06/09	74187	19:08:33 - 19:15:54	gap at MA
28/06/09	74187	20:24:28 - 20:39:17	gap at JO
28/06/09	74188	21:44:52 - 21:57:29	gap at MM
28/06/09	74188	20:42:54 - 20:56:36	gap at MA
28/06/09	74188	22:04:47 - 22:16:43	gap at JO
28/06/09	74189	23:25:30 - 23:37:25	gap at MM
28/06/09	74189	22:26:36 - 22:34:29	gap at MA
28/06/09	74180	07:39:39 - 07:41:43	gap at KS
28/06/09	74181	09:19:13 - 09:21:37	gap at KS
28/06/09	74182	10:58:49 - 11:01:16	gap at KS
28/06/09	74183	12:38:07 - 12:40:33	gap at KS
28/06/09	74184	14:16:58 - 14:19:30	gap at KS
28/06/09	74185	15:54:48 - 15:57:23	gap at KS
28/06/09	74186	17:32:42 - 17:35:12	gap at KS
28/06/09	74187	19:10:59 - 19:13:17	gap at KS
28/06/09	74188	20:50:59 - 20:53:10	gap at KS
28/06/09	74189	22:33:09 - 22:35:33	gap at KS
28/06/09	74178	03:59:04 - 04:01:01	gap at GS
28/06/09	74176	00:34:04 - 00:36:03	gap at MS
28/06/09	74182	11:11:53 - 11:14:23	gap at MS
28/06/09	74183	12:51:59 - 12:54:21	gap at MS
28/06/09	74189	22:21:42 - 22:23:50	gap at MS
28/06/09	74181	09:27:21 - 09:29:18	gap at MA
28/06/09	74182	11:07:53 - 11:08:59	gap at MA
28/06/09	74177	02:15:51 - 02:18:02	gap at MI
28/06/09	74178	03:53:18 - 03:56:20	gap at MI
28/06/09	74178	04:04:22 - 04:06:21	gap at MI
28/06/09	74184	14:36:13 - 14:37:41	gap at MI
28/06/09	74185	16:13:18 - 16:15:16	gap at MI
29/06/09	74190	01:07:11 - 01:17:33	gap at MM
29/06/09	74190	00:19:08 - 00:22:13	gap at KS
29/06/09	74191	02:13:45 - 02:26:14	gap at BE
29/06/09	74191	02:49:53 - 02:57:59	gap at MM
29/06/09	74192	03:53:06 - 04:05:32	gap at BE
29/06/09	74192	04:32:58 - 04:39:02	gap at MM
29/06/09	74192	03:21:41 - 03:32:48	gap at CM
29/06/09	74192	05:01:21 - 05:11:32	gap at CM
29/06/09	74193	06:15:08 - 06:21:20	gap at MM
29/06/09	74194	07:56:05 - 08:04:25	gap at MM
29/06/09	74194	07:33:39 - 07:47:50	gap at JO
29/06/09	74195	09:36:28 - 09:47:02	gap at MM
29/06/09	74195	09:13:23 - 09:26:43	gap at JO
29/06/09	74196	11:16:35 - 11:28:37	gap at MM
29/06/09	74197	13:05:03 - 13:19:53	gap at HO
29/06/09	74197	12:56:29 - 13:09:09	gap at MM
29/06/09	74198	14:36:08 - 14:48:51	gap at MM
29/06/09	74198	13:58:56 - 14:06:24	gap at GS
29/06/09	74199	15:10:30 - 15:22:18	gap at BE

29/06/09	74199	16:15:31 - 16:28:05	gap at MM
29/06/09	74199	15:36:12 - 15:50:00	gap at GS
29/06/09	74199	15:45:26 - 15:56:41	gap at CM
29/06/09	74200	17:54:41 - 18:07:14	gap at MM
29/06/09	74200	17:22:58 - 17:32:10	gap at MI
29/06/09	74200	17:01:47 - 17:14:25	gap at KS
29/06/09	74200	17:16:03 - 17:28:09	gap at GS
29/06/09	74200	17:25:06 - 17:35:11	gap at CM
29/06/09	74201	19:33:52 - 19:46:33	gap at MM
29/06/09	74201	19:53:44 - 20:07:23	gap at JO
29/06/09	74202	21:13:26 - 21:26:08	gap at MM
29/06/09	74202	21:32:49 - 21:46:48	gap at JO
29/06/09	74203	22:45:17 - 22:58:18	gap at HO
29/06/09	74203	22:53:46 - 23:05:59	gap at MM
29/06/09	74203	21:52:54 - 22:04:22	gap at MA
29/06/09	74194	07:08:26 - 07:10:21	gap at KS
29/06/09	74195	08:47:54 - 08:50:17	gap at KS
29/06/09	74196	10:27:32 - 10:30:02	gap at KS
29/06/09	74197	12:06:58 - 12:09:23	gap at KS
29/06/09	74198	13:45:54 - 13:48:22	gap at KS
29/06/09	74199	15:24:04 - 15:26:51	gap at KS
29/06/09	74201	18:39:54 - 18:42:18	gap at KS
29/06/09	74202	20:19:21 - 20:21:19	gap at KS
29/06/09	74203	22:00:46 - 22:03:01	gap at KS
29/06/09	74204	23:45:03 - 23:46:41	gap at KS
29/06/09	74191	01:48:20 - 01:50:42	gap at GS
29/06/09	74192	03:27:03 - 03:28:55	gap at GS
29/06/09	74190	00:01:10 - 00:03:22	gap at MS
29/06/09	74196	10:41:22 - 10:43:51	gap at MS
29/06/09	74197	12:20:09 - 12:22:43	gap at MS
29/06/09	74203	21:51:51 - 21:53:46	gap at MS
29/06/09	74204	23:29:13 - 23:31:41	gap at MS
29/06/09	74195	08:56:50 - 08:58:21	gap at MA
29/06/09	74196	10:35:32 - 10:37:26	gap at MA
29/06/09	74202	20:11:59 - 20:15:17	gap at MA
29/06/09	74191	01:47:35 - 01:48:37	gap at MI
29/06/09	74192	03:21:56 - 03:24:02	gap at MI
29/06/09	74193	05:04:57 - 05:06:45	gap at MI
29/06/09	74199	15:42:08 - 15:43:54	gap at MI
29/06/09	74191	02:26:01 - 02:27:56	gap at SG
29/06/09	74192	04:04:09 - 04:06:23	gap at SG
29/06/09	74198	14:59:32 - 15:01:56	gap at SG
29/06/09	74199	16:40:25 - 16:43:14	gap at SG
30/06/09	74204	00:23:24 - 00:38:02	gap at HO
30/06/09	74204	00:35:07 - 00:46:04	gap at MM
30/06/09	74205	01:43:12 - 01:53:46	gap at BE
30/06/09	74205	02:07:51 - 02:13:39	gap at HO
30/06/09	74205	02:17:31 - 02:26:23	gap at MM
30/06/09	74206	03:21:37 - 03:34:53	gap at BE

30/06/09	74206	04:00:36 - 04:07:10	gap at MM
30/06/09	74206	02:52:14 - 03:00:18	gap at CM
30/06/09	74206	04:29:10 - 04:41:12	gap at CM
30/06/09	74207	05:43:11 - 05:49:02	gap at MM
30/06/09	74208	07:24:26 - 07:32:02	gap at MM
30/06/09	74208	07:03:36 - 07:15:57	gap at JO
30/06/09	74209	09:04:57 - 09:14:53	gap at MM
30/06/09	74209	08:41:22 - 08:56:05	gap at JO
30/06/09	74210	10:45:09 - 10:56:48	gap at MM
30/06/09	74211	12:25:07 - 12:37:39	gap at MM
30/06/09	74211	11:45:54 - 11:52:02	gap at MA
30/06/09	74212	14:13:43 - 14:26:38	gap at HO
30/06/09	74212	14:04:51 - 14:17:35	gap at MM
30/06/09	74213	14:38:27 - 14:51:30	gap at BE
30/06/09	74213	15:44:19 - 15:56:55	gap at MM
30/06/09	74213	15:05:11 - 15:18:13	gap at GS
30/06/09	74213	15:15:43 - 15:23:48	gap at CM
30/06/09	74214	17:23:32 - 17:36:03	gap at MM
30/06/09	74214	16:44:30 - 16:57:46	gap at GS
30/06/09	74214	16:53:07 - 17:05:05	gap at CM
30/06/09	74215	19:02:40 - 19:15:18	gap at MM
30/06/09	74215	19:23:40 - 19:34:38	gap at JO
30/06/09	74216	20:42:04 - 20:54:48	gap at MM
30/06/09	74216	19:41:33 - 19:53:48	gap at MA
30/06/09	74216	21:01:17 - 21:16:12	gap at JO
30/06/09	74217	22:15:19 - 22:26:43	gap at HO
30/06/09	74217	22:22:08 - 22:34:35	gap at MM
30/06/09	74217	22:43:41 - 22:50:33	gap at JO
30/06/09	74218	23:52:19 - 00:06:48	gap at HO
30/06/09	74208	06:37:19 - 06:39:04	gap at KS
30/06/09	74209	08:16:36 - 08:18:59	gap at KS
30/06/09	74210	09:56:14 - 09:58:39	gap at KS
30/06/09	74211	11:35:45 - 11:38:15	gap at KS
30/06/09	74212	13:14:53 - 13:17:17	gap at KS
30/06/09	74213	14:53:31 - 14:56:00	gap at KS
30/06/09	74214	16:31:09 - 16:33:38	gap at KS
30/06/09	74215	18:08:58 - 18:11:37	gap at KS
30/06/09	74216	19:47:55 - 19:49:59	gap at KS
30/06/09	74217	21:28:38 - 21:30:38	gap at KS
30/06/09	74218	23:11:51 - 23:13:33	gap at KS
30/06/09	74205	01:18:14 - 01:20:16	gap at GS
30/06/09	74206	02:55:33 - 02:57:24	gap at GS
30/06/09	74207	04:37:46 - 04:39:32	gap at GS
30/06/09	74210	10:11:18 - 10:13:48	gap at MS
30/06/09	74211	11:48:38 - 11:51:11	gap at MS
30/06/09	74218	22:57:55 - 22:59:36	gap at MS
30/06/09	74209	08:25:36 - 08:27:52	gap at MA
30/06/09	74210	10:04:17 - 10:06:03	gap at MA
30/06/09	74217	21:20:18 - 21:22:53	gap at MA

30/06/09	74206	02:51:12 - 02:53:23	gap at MI
30/06/09	74207	04:31:19 - 04:33:38	gap at MI
30/06/09	74213	15:11:26 - 15:13:18	gap at MI
30/06/09	74214	16:50:41 - 16:53:47	gap at MI
30/06/09	74206	03:32:34 - 03:34:38	gap at SG
30/06/09	74212	14:29:21 - 14:32:03	gap at SG
30/06/09	74213	16:07:51 - 16:10:48	gap at SG

Lamp Failures: none

cooler switchings:

Date	Coolers off/on	Maximum detector warm up temperature [Kelvin]
06/06/09	12:39:09 (outside gs visibility) Off 14:12:04 (outside gs visibility) On	FPA 1: 279.0 FPA 2: 279.9 FPA 3: 279.6 FPA 4: 279.8

Timeline interruptions:

Date	Orbit No.	Duration	remark
23/06/09	74114	Start 16:44 Stop 18:25	GOME in Nadir Static View

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/06/09	73844 - 73857	~20:00 (04/06/09) - ~18:00 (05/06/09)	Narrow Swath Timeline GMNNOT41 executed
14-15/06/09	73987- 73990	~20:00 (14/06/09) - ~00:30 (15/06/09)	Narrow Swath Timeline GMNNOT41 executed
24-25/06/09	74130- 74143	~19:30 (24/06/09) - ~17:00 (25/06/09)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution: none

Others:

Date	Orbit No.	Duration	remark
03/06/09	73819	02:07:00	Corrupted products at GS anomalous values for most parameters
12/06/09	73960	22:38:15	Corrupted products at KS anomalous values for most parameters
16/06/09	74013	15:24:17	Corrupted products at SG anomalous values for most parameters
19/06/09	74048	02:01:32	Corrupted products at MI anomalous values for most parameters

19/06/09	74048	02:02:02	Corrupted products at MI anomalous values for most parameters
21/06/09	74084	14:57:19	Corrupted products at MI anomalous values for most parameters
24/06/09	74127	15:02:44	Corrupted products at MI anomalous values for most parameters
25/06/09	74142	16:24:03	Corrupted products at MI anomalous values for most parameters
27/06/09	74165	06:23:25	Corrupted products at GS anomalous values for most parameters
28/06/09	74189	22:23:51	Corrupted products at MS anomalous values for most parameters