

# GOME Operations for May 2009

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

## GOME Operations during May 2009

Date	Operations	remark
01/05/09	data available within visibility of groundstation	start of sun calibration: 19:41:28.610
02/05/09	data available within visibility of groundstation	start of sun calibration: 19:09:49.170
03/05/09	data available within visibility of groundstation	start of sun calibration: 18:38:09.730
04/05/09	data available within visibility of groundstation	start of sun calibration: 18:06:26.490
05/05/09	GOME OFF Start: 11:35:04 Stop: 14:22:53 data available within visibility of groundstation	TST44: solar calibration mode with warm detectors (T=-270 K) start of sun calibration: 15:54:17
06/05/09	data available within visibility of groundstation	start of sun calibration: 17:03:07.110
07/05/09	data available within visibility of groundstation	start of sun calibration: 19:52:35
08/05/09	data available within visibility of groundstation	start of sun calibration: 19:20:55.400
09/05/09	data available within visibility of groundstation	start of sun calibration: 18:49:09.950
10/05/09	data available within visibility of groundstation	start of sun calibration: 18:17:30.500
11/05/09	data available within visibility of groundstation	start of sun calibration: 17:45:51
12/05/09	data available within visibility of groundstation	start of sun calibration: 17:14:11.610
13/05/09	data available within visibility of groundstation	start of sun calibration: 20:03:39.390
14/05/09	data available within visibility of groundstation	start of sun calibration: 19:34:27
15/05/09	data available within visibility of groundstation	start of sun calibration: 19:00:17
16/05/09	data available within visibility of groundstation	start of sun calibration: 18:28:38
17/05/09	data available within visibility of groundstation	start of sun calibration: 17:56:58
18/05/09	data available within visibility of groundstation	start of sun calibration: 17:25:18.950
19/05/09	data available within visibility of groundstation	start of sun calibration: 16:53:39.520
20/05/09	data available within visibility of groundstation	no solar calibration available due to missing data
21/05/09	data available within visibility of groundstation	No solar calibration available due to missing data

22/05/09	GOME OFF Start: 21:09:44 data available within visibility of groundstation	start of sun calibration: 18:39:48.460
23/05/09	GOME OFF Stop: 11:17:59 data available within visibility of groundstation	start of sun calibration: 18:08:06.190
24/05/09	data available within visibility of groundstation	start of sun calibration: 17:36:29.790
25/05/09	data available within visibility of groundstation	start of sun calibration: 17:04:50.280
26/05/09	data available within visibility of groundstation	start of sun calibration: 19:54:18
27/05/09	data available within visibility of groundstation	start of sun calibration: 19:22:38.620
28/05/09	data available within visibility of groundstation	start of sun calibration: 18:50:59.200
29/05/09	data available within visibility of groundstation	start of sun calibration: 18:19:19.770
30/05/09	data available within visibility of groundstation	start of sun calibration: 17:47:40.343
31/05/09	data available within visibility of groundstation	start of sun calibration: 17:16:00.92

**Anomalies:**

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	Reason
01/05/09	73345	00:09:13 - 00:23:50	gap at HO
01/05/09	73345	00:20:34 - 00:31:45	gap at MM
01/05/09	73346	01:52:05 - 02:01:33	gap at HO
01/05/09	73346	02:02:50 - 02:12:02	gap at MM
01/05/09	73347	03:07:23 - 03:20:47	gap at BE
01/05/09	73347	02:39:34 - 02:44:54	gap at CM
01/05/09	73347	04:14:49 - 04:27:11	gap at CM
01/05/09	73349	06:50:14 - 07:01:17	gap at JO
01/05/09	73350	08:27:02 - 08:42:00	gap at JO
01/05/09	73351	10:30:51 - 10:42:18	gap at MM
01/05/09	73352	12:10:51 - 12:23:18	gap at MM
01/05/09	73352	11:31:18 - 11:39:02	gap at MA
01/05/09	73353	13:50:37 - 14:03:21	gap at MM
01/05/09	73354	14:24:04 - 14:37:23	gap at BE
01/05/09	73354	15:30:07 - 15:42:45	gap at MM
01/05/09	73354	14:51:10 - 15:03:36	gap at GS
01/05/09	73354	15:03:02 - 15:08:00	gap at CM
01/05/09	73355	17:09:22 - 17:21:54	gap at MM
01/05/09	73355	16:30:13 - 16:43:49	gap at GS
01/05/09	73355	16:38:48 - 16:51:07	gap at CM

01/05/09	73356	18:48:30 - 19:01:07	gap at MM
01/05/09	73356	18:11:04 - 18:19:22	gap at GS
01/05/09	73356	19:10:25 - 19:19:16	gap at JO
01/05/09	73357	20:27:50 - 20:40:34	gap at MM
01/05/09	73357	19:27:53 - 19:39:19	gap at MA
01/05/09	73357	20:47:04 - 21:02:05	gap at JO
01/05/09	73358	22:01:54 - 22:12:13	gap at HO
01/05/09	73358	22:07:47 - 22:20:19	gap at MM
01/05/09	73358	22:28:28 - 22:37:51	gap at JO
01/05/09	73359	23:38:11 - 23:52:34	gap at HO
01/05/09	73359	23:48:39 - 00:00:17	gap at MM
01/05/09	73349	06:23:15 - 06:24:43	gap at KS
01/05/09	73350	08:02:23 - 08:04:33	gap at KS
01/05/09	73351	09:42:00 - 09:44:11	gap at KS
01/05/09	73352	11:21:33 - 11:23:49	gap at KS
01/05/09	73353	13:00:45 - 13:02:57	gap at KS
01/05/09	73354	14:39:28 - 14:41:46	gap at KS
01/05/09	73355	16:17:09 - 16:19:25	gap at KS
01/05/09	73356	17:55:00 - 17:57:32	gap at KS
01/05/09	73357	19:33:41 - 19:35:30	gap at KS
01/05/09	73358	21:14:07 - 21:15:48	gap at KS
01/05/09	73359	22:56:54 - 22:58:29	gap at KS
01/05/09	73346	01:04:44 - 01:06:14	gap at GS
01/05/09	73347	02:41:23 - 02:43:01	gap at GS
01/05/09	73348	04:22:44 - 04:24:29	gap at GS
01/05/09	73352	11:34:30 - 11:36:52	gap at MS
01/05/09	73353	13:15:33 - 13:17:48	gap at MS
01/05/09	73359	22:43:53 - 22:45:47	gap at MS
01/05/09	73351	09:50:02 - 09:51:37	gap at MA
01/05/09	73358	21:05:56 - 21:08:17	gap at MA
01/05/09	73347	02:37:27 - 02:38:59	gap at MI
01/05/09	73348	04:16:33 - 04:18:15	gap at MI
01/05/09	73348	04:18:35 - 04:28:38	gap at MI
01/05/09	73354	14:57:42 - 14:59:05	gap at MI
01/05/09	73355	16:36:14 - 16:37:45	gap at MI
01/05/09	73350	08:50:37 - 08:51:38	gap at MM
01/05/09	73348	04:48:11 - 04:51:05	gap at BE
01/05/09	73347	03:18:25 - 03:20:25	gap at SG
01/05/09	73347	03:24:39 - 03:32:16	gap at SG
01/05/09	73348	05:01:03 - 05:02:33	gap at SG
01/05/09	73353	14:16:00 - 14:17:55	gap at SG
01/05/09	73354	15:53:22 - 15:55:58	gap at SG
02/05/09	73359	23:48:39 - 00:00:17	gap at MM
02/05/09	73360	01:18:39 - 01:31:19	gap at HO
02/05/09	73360	01:30:35 - 01:40:29	gap at MM
02/05/09	73360	00:24:58 - 00:35:22	gap at MS
02/05/09	73360	00:35:33 - 00:42:46	gap at GS
02/05/09	73361	03:13:27 - 03:21:01	gap at MM

02/05/09	73361	02:47:47 - 03:00:36	gap at SG
02/05/09	73361	03:43:47 - 03:55:54	gap at CM
02/05/09	73362	04:56:26 - 05:02:17	gap at MM
02/05/09	73363	06:38:17 - 06:44:53	gap at MM
02/05/09	73363	05:52:41 - 05:56:43	gap at KS
02/05/09	73363	05:25:39 - 05:32:48	gap at CM
02/05/09	73363	06:22:01 - 06:28:01	gap at JO
02/05/09	73364	08:19:03 - 08:27:57	gap at MM
02/05/09	73364	07:55:55 - 08:10:46	gap at JO
02/05/09	73365	09:59:22 - 10:10:21	gap at MM
02/05/09	73365	09:37:12 - 09:48:35	gap at JO
02/05/09	73366	11:39:27 - 11:51:41	gap at MM
02/05/09	73367	13:19:17 - 13:32:00	gap at MM
02/05/09	73368	15:08:50 - 15:17:23	gap at HO
02/05/09	73368	14:58:53 - 15:11:33	gap at MM
02/05/09	73368	14:20:37 - 14:30:54	gap at GS
02/05/09	73368	15:21:58 - 15:35:51	gap at SG
02/05/09	73369	15:34:18 - 15:44:23	gap at BE
02/05/09	73369	16:38:12 - 16:50:44	gap at MM
02/05/09	73369	15:58:53 - 16:12:49	gap at GS
02/05/09	73369	16:07:41 - 16:19:53	gap at CM
02/05/09	73370	18:17:20 - 18:29:54	gap at MM
02/05/09	73370	17:47:23 - 17:52:32	gap at MI
02/05/09	73370	17:39:06 - 17:49:56	gap at GS
02/05/09	73370	17:49:02 - 17:56:15	gap at CM
02/05/09	73371	19:56:34 - 20:09:17	gap at MM
02/05/09	73371	19:00:51 - 19:05:59	gap at MA
02/05/09	73371	20:16:02 - 20:30:39	gap at JO
02/05/09	73372	21:36:17 - 21:48:56	gap at MM
02/05/09	73372	21:56:01 - 22:08:39	gap at JO
02/05/09	73373	23:07:28 - 23:21:12	gap at HO
02/05/09	73373	23:16:50 - 23:28:50	gap at MM
02/05/09	73364	07:31:07 - 07:32:55	gap at KS
02/05/09	73365	09:10:41 - 09:12:53	gap at KS
02/05/09	73366	10:50:17 - 10:52:31	gap at KS
02/05/09	73367	12:29:38 - 12:31:51	gap at KS
02/05/09	73368	14:08:31 - 14:10:47	gap at KS
02/05/09	73369	15:46:25 - 15:48:43	gap at KS
02/05/09	73370	17:24:18 - 17:26:35	gap at KS
02/05/09	73371	19:02:30 - 19:04:28	gap at KS
02/05/09	73372	20:42:20 - 20:44:03	gap at KS
02/05/09	73373	22:24:17 - 22:26:02	gap at KS
02/05/09	73361	02:10:39 - 02:12:14	gap at GS
02/05/09	73362	03:50:17 - 03:52:04	gap at GS
02/05/09	73366	11:03:28 - 11:05:44	gap at MS
02/05/09	73367	12:43:10 - 12:45:28	gap at MS
02/05/09	73373	22:13:29 - 22:15:15	gap at MS
02/05/09	73374	23:52:23 - 23:54:20	gap at MS

02/05/09	73365	09:19:00 - 09:20:35	gap at MA
02/05/09	73366	10:58:49 - 11:00:11	gap at MA
02/05/09	73372	20:34:25 - 20:37:19	gap at MA
02/05/09	73361	02:07:55 - 02:09:14	gap at MI
02/05/09	73362	03:44:41 - 03:46:24	gap at MI
02/05/09	73369	16:04:46 - 16:06:28	gap at MI
02/05/09	73361	02:36:14 - 02:38:31	gap at BE
02/05/09	73362	04:16:09 - 04:18:24	gap at BE
02/05/09	73362	04:27:34 - 04:29:33	gap at SG
03/05/09	73374	00:46:36 - 01:00:36	gap at HO
03/05/09	73374	00:58:26 - 01:08:58	gap at MM
03/05/09	73374	00:09:39 - 00:14:06	gap at KS
03/05/09	73375	02:41:03 - 02:49:22	gap at MM
03/05/09	73375	02:18:02 - 02:28:05	gap at SG
03/05/09	73376	03:44:30 - 03:57:14	gap at BE
03/05/09	73376	03:55:28 - 04:08:51	gap at SG
03/05/09	73376	03:13:31 - 03:24:03	gap at CM
03/05/09	73376	04:52:28 - 05:03:21	gap at CM
03/05/09	73378	07:25:23 - 07:39:11	gap at JO
03/05/09	73379	09:27:52 - 09:38:16	gap at MM
03/05/09	73379	09:04:35 - 09:18:25	gap at JO
03/05/09	73380	11:18:38 - 11:28:55	gap at HO
03/05/09	73380	11:08:01 - 11:19:57	gap at MM
03/05/09	73381	12:56:33 - 13:11:22	gap at HO
03/05/09	73381	12:47:56 - 13:00:34	gap at MM
03/05/09	73382	14:36:49 - 14:48:20	gap at HO
03/05/09	73382	14:27:37 - 14:40:19	gap at MM
03/05/09	73382	14:51:13 - 15:04:18	gap at SG
03/05/09	73383	15:01:41 - 15:13:56	gap at BE
03/05/09	73383	16:07:01 - 16:19:35	gap at MM
03/05/09	73383	15:27:43 - 15:41:23	gap at GS
03/05/09	73383	16:31:25 - 16:42:19	gap at SG
03/05/09	73383	15:37:12 - 15:47:51	gap at CM
03/05/09	73384	17:46:11 - 17:58:43	gap at MM
03/05/09	73384	17:14:05 - 17:24:13	gap at MI
03/05/09	73384	17:07:26 - 17:19:54	gap at GS
03/05/09	73384	17:16:18 - 17:27:04	gap at CM
03/05/09	73385	19:25:21 - 19:38:01	gap at MM
03/05/09	73385	19:45:27 - 19:58:33	gap at JO
03/05/09	73386	21:04:52 - 21:17:35	gap at MM
03/05/09	73386	21:24:11 - 21:38:31	gap at JO
03/05/09	73387	22:37:02 - 22:49:42	gap at HO
03/05/09	73387	22:45:08 - 22:57:25	gap at MM
03/05/09	73387	21:43:49 - 21:56:01	gap at MA
03/05/09	73378	06:59:56 - 07:01:37	gap at KS
03/05/09	73379	08:39:22 - 08:41:33	gap at KS
03/05/09	73380	10:19:00 - 10:21:14	gap at KS
03/05/09	73381	11:58:27 - 12:00:44	gap at KS

03/05/09	73382	13:37:27 - 13:39:40	gap at KS
03/05/09	73383	15:15:45 - 15:18:20	gap at KS
03/05/09	73384	16:53:24 - 16:55:46	gap at KS
03/05/09	73385	18:31:27 - 18:33:44	gap at KS
03/05/09	73386	20:10:45 - 20:12:32	gap at KS
03/05/09	73387	21:51:58 - 21:53:42	gap at KS
03/05/09	73388	23:35:56 - 23:37:17	gap at KS
03/05/09	73375	01:40:05 - 01:41:38	gap at GS
03/05/09	73376	03:18:25 - 03:20:05	gap at GS
03/05/09	73374	23:52:23 - 23:54:20	gap at MS
03/05/09	73380	10:33:07 - 10:35:26	gap at MS
03/05/09	73381	12:11:30 - 12:13:52	gap at MS
03/05/09	73388	23:20:37 - 23:22:36	gap at MS
03/05/09	73379	08:47:50 - 08:49:09	gap at MA
03/05/09	73380	10:27:01 - 10:28:42	gap at MA
03/05/09	73386	20:03:38 - 20:05:58	gap at MA
03/05/09	73376	03:13:29 - 03:15:11	gap at MI
03/05/09	73377	04:55:32 - 04:56:45	gap at MI
03/05/09	73383	15:33:42 - 15:35:23	gap at MI
03/05/09	73375	02:05:22 - 02:07:50	gap at BE
04/05/09	73388	00:14:53 - 00:29:31	gap at HO
04/05/09	73388	00:26:23 - 00:37:28	gap at MM
04/05/09	73389	01:58:12 - 02:06:52	gap at HO
04/05/09	73389	02:08:43 - 02:17:46	gap at MM
04/05/09	73390	03:51:46 - 03:58:30	gap at MM
04/05/09	73390	02:44:32 - 02:51:09	gap at CM
04/05/09	73390	04:20:32 - 04:32:48	gap at CM
04/05/09	73391	04:54:04 - 05:02:21	gap at BE
04/05/09	73391	05:34:26 - 05:40:15	gap at MM
04/05/09	73392	06:55:33 - 07:07:10	gap at JO
04/05/09	73393	08:32:45 - 08:47:38	gap at JO
04/05/09	73395	11:37:06 - 11:44:17	gap at MA
04/05/09	73397	14:29:49 - 14:43:02	gap at BE
04/05/09	73397	14:56:46 - 15:09:28	gap at GS
04/05/09	73397	15:07:58 - 15:14:27	gap at CM
04/05/09	73398	16:35:56 - 16:49:25	gap at GS
04/05/09	73398	16:44:31 - 16:56:43	gap at CM
04/05/09	73399	18:16:57 - 18:24:37	gap at GS
04/05/09	73399	19:15:40 - 19:25:29	gap at JO
04/05/09	73400	20:52:45 - 21:07:45	gap at JO
04/05/09	73401	22:07:17 - 22:18:02	gap at HO
04/05/09	73401	22:34:29 - 22:43:00	gap at JO
04/05/09	73402	23:43:52 - 23:58:16	gap at HO
04/05/09	73392	06:28:52 - 06:30:23	gap at KS
04/05/09	73393	08:08:04 - 08:10:16	gap at KS
04/05/09	73394	09:47:41 - 09:49:54	gap at KS
04/05/09	73395	11:27:14 - 11:29:32	gap at KS
04/05/09	73396	13:06:24 - 13:08:37	gap at KS

04/05/09	73397	14:45:06 - 14:47:23	gap at KS
04/05/09	73398	16:22:45 - 16:25:04	gap at KS
04/05/09	73399	18:00:34 - 18:03:09	gap at KS
04/05/09	73400	19:39:22 - 19:41:15	gap at KS
04/05/09	73401	21:19:55 - 21:21:41	gap at KS
04/05/09	73402	23:02:52 - 23:04:28	gap at KS
04/05/09	73389	01:10:07 - 01:11:49	gap at GS
04/05/09	73390	02:47:03 - 02:48:42	gap at GS
04/05/09	73391	04:28:44 - 04:30:25	gap at GS
04/05/09	73395	11:40:10 - 11:42:30	gap at MS
04/05/09	73396	13:21:33 - 13:23:51	gap at MS
04/05/09	73402	22:49:29 - 22:51:13	gap at MS
04/05/09	73393	08:17:23 - 08:18:40	gap at MA
04/05/09	73394	09:55:44 - 09:57:22	gap at MA
04/05/09	73400	19:33:20 - 19:35:40	gap at MA
04/05/09	73401	21:11:40 - 21:14:06	gap at MA
04/05/09	73390	02:42:56 - 02:44:27	gap at MI
04/05/09	73391	04:22:26 - 04:24:08	gap at MI
04/05/09	73397	15:03:10 - 15:04:42	gap at MI
04/05/09	73398	16:42:00 - 16:43:34	gap at MI
04/05/09	73393	08:56:21 - 08:57:29	gap at MM
04/05/09	73394	10:36:34 - 10:37:54	gap at MM
04/05/09	73395	12:16:33 - 12:17:55	gap at MM
04/05/09	73396	13:56:19 - 13:57:37	gap at MM
04/05/09	73397	15:35:48 - 15:37:05	gap at MM
04/05/09	73398	17:15:02 - 17:17:07	gap at MM
04/05/09	73399	18:54:10 - 18:56:16	gap at MM
04/05/09	73400	20:33:32 - 20:35:15	gap at MM
04/05/09	73401	22:13:31 - 22:15:28	gap at MM
04/05/09	73402	23:54:26 - 23:55:51	gap at MM
04/05/09	73390	03:13:04 - 03:15:24	gap at BE
04/05/09	73390	03:24:04 - 03:27:14	gap at SG
04/05/09	73396	14:21:19 - 14:23:21	gap at SG
04/05/09	73397	15:59:08 - 16:01:43	gap at SG
05/05/09	73403	01:24:35 - 01:36:51	gap at HO
05/05/09	73403	01:36:27 - 01:46:13	gap at MM
05/05/09	73403	00:40:47 - 00:48:39	gap at GS
05/05/09	73404	02:41:53 - 02:55:09	gap at BE
05/05/09	73404	02:53:18 - 03:06:25	gap at SG
05/05/09	73404	03:49:22 - 04:01:38	gap at CM
05/05/09	73405	04:33:31 - 04:44:22	gap at SG
05/05/09	73406	06:44:04 - 06:50:46	gap at MM
05/05/09	73406	05:58:10 - 06:02:58	gap at KS
05/05/09	73406	05:31:59 - 05:37:52	gap at CM
05/05/09	73406	06:26:56 - 06:34:15	gap at JO
05/05/09	73407	08:01:32 - 08:16:28	gap at JO
05/05/09	73408	09:43:15 - 09:53:58	gap at JO
05/05/09	73411	14:26:08 - 14:36:54	gap at GS



05/05/09	73412	15:40:21 - 15:49:50	gap at BE
05/05/09	73412	16:04:34 - 16:18:29	gap at GS
05/05/09	73412	16:13:18 - 16:25:37	gap at CM
05/05/09	73413	18:23:00 - 18:35:35	gap at MM
05/05/09	73413	17:44:53 - 17:55:20	gap at GS
05/05/09	73413	17:55:12 - 18:01:19	gap at CM
05/05/09	73414	20:02:15 - 20:14:58	gap at MM
05/05/09	73414	20:21:39 - 20:36:24	gap at JO
05/05/09	73415	21:42:00 - 21:54:38	gap at MM
05/05/09	73415	20:40:04 - 20:53:45	gap at MA
05/05/09	73415	22:01:51 - 22:14:02	gap at JO
05/05/09	73416	23:12:57 - 23:26:55	gap at HO
05/05/09	73416	23:22:37 - 23:34:33	gap at MM
05/05/09	73416	22:23:31 - 22:31:48	gap at MA
05/05/09	73417	23:58:14 - 00:10:28	gap at MS
05/05/09	73407	07:36:48 - 07:38:35	gap at KS
05/05/09	73408	09:16:22 - 09:18:35	gap at KS
05/05/09	73409	10:55:58 - 10:58:13	gap at KS
05/05/09	73411	14:14:09 - 14:22:52	gap at KS
05/05/09	73412	15:52:00 - 15:54:17	gap at KS
05/05/09	73413	17:29:55 - 17:32:13	gap at KS
05/05/09	73414	19:08:09 - 19:10:03	gap at KS
05/05/09	73415	20:48:06 - 20:49:50	gap at KS
05/05/09	73416	22:30:12 - 22:31:54	gap at KS
05/05/09	73405	03:56:08 - 03:57:57	gap at GS
05/05/09	73403	00:31:01 - 00:32:39	gap at MS
05/05/09	73409	11:09:05 - 11:11:28	gap at MS
05/05/09	73416	22:18:57 - 22:20:45	gap at MS
05/05/09	73408	09:24:32 - 09:25:45	gap at MA
05/05/09	73414	19:05:58 - 19:08:21	gap at MA
05/05/09	73404	02:13:12 - 02:14:48	gap at MI
05/05/09	73405	03:50:25 - 03:53:15	gap at MI
05/05/09	73411	14:33:37 - 14:34:49	gap at MI
05/05/09	73412	16:10:27 - 16:12:05	gap at MI
05/05/09	73402	23:54:26 - 23:55:51	gap at MM
05/05/09	73407	08:24:48 - 08:25:51	gap at MM
05/05/09	73408	10:05:06 - 10:06:24	gap at MM
05/05/09	73411	15:04:34 - 15:05:44	gap at MM
05/05/09	73412	16:43:52 - 16:45:29	gap at MM
05/05/09	73405	04:21:57 - 04:24:27	gap at BE
05/05/09	73411	15:27:38 - 15:29:53	gap at SG
05/05/09	73409	11:54:36 - 12:07:41	gap at HO
05/05/09	73409 - 73411	11:35:04 - 14:22:53	Data gap due to GOME unpowered (ERS-2 Unavailability Report 2009016)
06/05/09	73417	00:52:26 - 01:06:12	gap at HO
06/05/09	73417	00:15:56 - 00:19:32	gap at KS
06/05/09	73418	02:46:56 - 02:55:07	gap at MM



06/05/09	73419	04:30:01 - 04:36:08	gap at MM
06/05/09	73419	03:18:57 - 03:29:54	gap at CM
06/05/09	73419	04:58:23 - 05:08:49	gap at CM
06/05/09	73420	06:12:14 - 06:18:23	gap at MM
06/05/09	73421	07:53:12 - 08:01:29	gap at MM
06/05/09	73421	07:30:53 - 07:44:57	gap at JO
06/05/09	73422	09:33:36 - 09:44:06	gap at MM
06/05/09	73422	09:10:26 - 09:23:57	gap at JO
06/05/09	73423	11:24:03 - 11:35:02	gap at HO
06/05/09	73424	13:02:13 - 13:17:02	gap at HO
06/05/09	73424	12:53:38 - 13:06:17	gap at MM
06/05/09	73425	14:42:36 - 14:53:07	gap at HO
06/05/09	73425	13:56:17 - 14:03:15	gap at GS
06/05/09	73426	15:07:33 - 15:19:31	gap at BE
06/05/09	73426	15:33:22 - 15:47:08	gap at GS
06/05/09	73426	16:37:24 - 16:47:39	gap at SG
06/05/09	73426	15:42:41 - 15:53:45	gap at CM
06/05/09	73427	17:13:10 - 17:25:24	gap at GS
06/05/09	73427	17:22:10 - 17:32:29	gap at CM
06/05/09	73428	19:31:02 - 19:43:42	gap at MM
06/05/09	73428	19:50:58 - 20:04:27	gap at JO
06/05/09	73429	21:29:56 - 21:44:03	gap at JO
06/05/09	73430	22:42:32 - 22:55:26	gap at HO
06/05/09	73430	22:50:53 - 23:03:08	gap at MM
06/05/09	73430	21:49:57 - 22:01:35	gap at MA
06/05/09	73421	07:05:36 - 07:07:17	gap at KS
06/05/09	73422	08:45:04 - 08:47:16	gap at KS
06/05/09	73423	10:24:41 - 10:26:57	gap at KS
06/05/09	73424	12:04:08 - 12:06:23	gap at KS
06/05/09	73425	13:43:05 - 13:45:22	gap at KS
06/05/09	73426	15:21:17 - 15:23:54	gap at KS
06/05/09	73427	16:58:59 - 17:01:20	gap at KS
06/05/09	73428	18:37:05 - 18:39:19	gap at KS
06/05/09	73429	20:16:29 - 20:18:15	gap at KS
06/05/09	73430	21:57:50 - 21:59:38	gap at KS
06/05/09	73431	23:42:00 - 23:43:33	gap at KS
06/05/09	73418	01:45:35 - 01:47:10	gap at GS
06/05/09	73419	03:24:10 - 03:25:57	gap at GS
06/05/09	73417	23:58:14 - 00:00:12	gap at MS
06/05/09	73423	10:38:37 - 10:41:01	gap at MS
06/05/09	73424	12:17:16 - 12:19:41	gap at MS
06/05/09	73430	21:49:11 - 21:50:52	gap at MS
06/05/09	73431	23:26:20 - 23:28:25	gap at MS
06/05/09	73423	10:32:42 - 10:34:25	gap at MA
06/05/09	73429	20:09:12 - 20:11:36	gap at MA
06/05/09	73419	03:19:06 - 03:21:03	gap at MI
06/05/09	73420	05:01:47 - 05:03:02	gap at MI
06/05/09	73426	15:39:19 - 15:40:54	gap at MI

06/05/09	73427	17:20:00 - 17:21:23	gap at MI
06/05/09	73417	01:04:16 - 01:05:31	gap at MM
06/05/09	73423	11:13:44 - 11:14:57	gap at MM
06/05/09	73425	14:33:18 - 14:34:37	gap at MM
06/05/09	73426	16:12:41 - 16:14:17	gap at MM
06/05/09	73427	17:51:51 - 17:54:20	gap at MM
06/05/09	73429	21:10:35 - 21:12:19	gap at MM
06/05/09	73418	02:10:57 - 02:13:21	gap at BE
06/05/09	73419	03:50:14 - 03:52:44	gap at BE
06/05/09	73418	02:23:20 - 02:24:51	gap at SG
06/05/09	73419	04:01:15 - 04:03:20	gap at SG
06/05/09	73425	14:56:46 - 14:58:52	gap at SG
06/05/09	73425	15:07:37 - 15:10:05	gap at SG
07/05/09	73431	00:20:34 - 00:35:12	gap at HO
07/05/09	73431	00:32:12 - 00:43:12	gap at MM
07/05/09	73432	02:04:47 - 02:12:07	gap at HO
07/05/09	73433	03:18:46 - 03:32:04	gap at BE
07/05/09	73433	03:57:39 - 04:04:17	gap at MM
07/05/09	73433	02:49:38 - 02:57:17	gap at CM
07/05/09	73433	04:26:17 - 04:38:24	gap at CM
07/05/09	73434	05:40:16 - 05:46:06	gap at MM
07/05/09	73435	07:21:33 - 07:29:05	gap at MM
07/05/09	73435	07:00:55 - 07:13:02	gap at JO
07/05/09	73436	09:02:05 - 09:11:57	gap at MM
07/05/09	73436	08:38:30 - 08:53:16	gap at JO
07/05/09	73437	10:42:17 - 10:53:54	gap at MM
07/05/09	73438	12:22:16 - 12:34:47	gap at MM
07/05/09	73438	11:42:55 - 11:49:28	gap at MA
07/05/09	73439	12:57:21 - 13:08:49	gap at BE
07/05/09	73439	14:02:00 - 14:14:44	gap at MM
07/05/09	73440	14:35:34 - 14:48:41	gap at BE
07/05/09	73440	15:41:29 - 15:54:05	gap at MM
07/05/09	73440	15:02:22 - 15:15:18	gap at GS
07/05/09	73440	16:04:56 - 16:17:51	gap at SG
07/05/09	73440	15:13:06 - 15:20:43	gap at CM
07/05/09	73441	17:20:42 - 17:33:13	gap at MM
07/05/09	73441	16:41:39 - 16:54:59	gap at GS
07/05/09	73441	16:50:15 - 17:02:18	gap at CM
07/05/09	73442	18:59:50 - 19:12:28	gap at MM
07/05/09	73442	18:22:50 - 18:29:51	gap at GS
07/05/09	73442	19:20:59 - 19:31:36	gap at JO
07/05/09	73443	20:39:14 - 20:51:58	gap at MM
07/05/09	73443	19:38:48 - 19:50:55	gap at MA
07/05/09	73443	20:58:26 - 21:13:23	gap at JO
07/05/09	73444	22:12:38 - 22:23:50	gap at HO
07/05/09	73444	22:19:16 - 22:31:43	gap at MM
07/05/09	73444	21:25:44 - 21:38:41	gap at KS
07/05/09	73444	22:40:35 - 22:48:04	gap at JO

07/05/09	73445	23:49:30 - 00:03:57	gap at HO
07/05/09	73435	06:34:30 - 06:36:03	gap at KS
07/05/09	73436	08:13:45 - 08:15:57	gap at KS
07/05/09	73437	09:53:23 - 09:55:37	gap at KS
07/05/09	73438	11:32:55 - 11:35:13	gap at KS
07/05/09	73439	13:12:03 - 13:14:17	gap at KS
07/05/09	73440	14:50:43 - 14:53:01	gap at KS
07/05/09	73441	16:28:22 - 16:30:41	gap at KS
07/05/09	73442	18:06:09 - 18:08:41	gap at KS
07/05/09	73443	19:45:04 - 19:46:58	gap at KS
07/05/09	73445	23:08:51 - 23:10:24	gap at KS
07/05/09	73432	01:15:32 - 01:17:13	gap at GS
07/05/09	73433	02:52:43 - 02:54:19	gap at GS
07/05/09	73434	04:34:45 - 04:36:21	gap at GS
07/05/09	73437	10:08:38 - 10:10:56	gap at MS
07/05/09	73438	11:45:49 - 11:48:10	gap at MS
07/05/09	73439	13:27:40 - 13:29:47	gap at MS
07/05/09	73445	22:55:06 - 22:56:44	gap at MS
07/05/09	73436	08:22:51 - 08:24:20	gap at MA
07/05/09	73437	10:01:25 - 10:03:05	gap at MA
07/05/09	73444	21:17:25 - 21:19:47	gap at MA
07/05/09	73433	02:48:26 - 02:50:01	gap at MI
07/05/09	73434	04:28:21 - 04:30:03	gap at MI
07/05/09	73440	15:08:40 - 15:10:24	gap at MI
07/05/09	73441	16:47:48 - 16:49:18	gap at MI
07/05/09	73432	02:14:35 - 02:15:40	gap at MM
07/05/09	73433	03:29:44 - 03:38:01	gap at SG
07/05/09	73439	14:26:40 - 14:28:52	gap at SG
08/05/09	73445	23:49:30 - 00:03:57	gap at HO
08/05/09	73445	00:00:14 - 00:11:43	gap at MM
08/05/09	73446	01:30:34 - 01:42:23	gap at HO
08/05/09	73446	01:42:18 - 01:51:57	gap at MM
08/05/09	73446	00:46:04 - 00:54:31	gap at GS
08/05/09	73447	02:47:32 - 03:00:53	gap at BE
08/05/09	73447	03:25:14 - 03:32:32	gap at MM
08/05/09	73447	02:58:50 - 03:12:12	gap at SG
08/05/09	73447	03:54:59 - 04:07:20	gap at CM
08/05/09	73448	05:08:09 - 05:13:56	gap at MM
08/05/09	73449	06:49:50 - 06:56:40	gap at MM
08/05/09	73449	06:03:42 - 06:09:09	gap at KS
08/05/09	73449	05:38:35 - 05:42:40	gap at CM
08/05/09	73449	06:31:59 - 06:40:22	gap at JO
08/05/09	73450	08:30:32 - 08:39:42	gap at MM
08/05/09	73450	07:52:55 - 07:59:48	gap at MA
08/05/09	73450	08:07:10 - 08:22:10	gap at JO
08/05/09	73451	10:10:49 - 10:21:59	gap at MM
08/05/09	73451	09:49:22 - 09:59:18	gap at JO
08/05/09	73452	12:00:13 - 12:13:34	gap at HO

08/05/09	73452	11:50:52 - 12:03:11	gap at MM
08/05/09	73453	13:39:14 - 13:53:43	gap at HO
08/05/09	73453	13:30:41 - 13:43:24	gap at MM
08/05/09	73454	14:04:08 - 14:17:33	gap at BE
08/05/09	73454	15:20:34 - 15:28:10	gap at HO
08/05/09	73454	15:10:15 - 15:22:54	gap at MM
08/05/09	73454	14:31:40 - 14:42:40	gap at GS
08/05/09	73455	15:46:27 - 15:55:15	gap at BE
08/05/09	73455	16:49:32 - 17:02:04	gap at MM
08/05/09	73455	16:10:16 - 16:24:09	gap at GS
08/05/09	73455	16:18:56 - 16:31:19	gap at CM
08/05/09	73456	18:28:40 - 18:41:15	gap at MM
08/05/09	73456	17:35:30 - 17:48:23	gap at KS
08/05/09	73456	17:50:41 - 18:00:43	gap at GS
08/05/09	73456	18:01:33 - 18:06:10	gap at CM
08/05/09	73457	20:07:56 - 20:20:40	gap at MM
08/05/09	73457	19:11:09 - 19:18:51	gap at MA
08/05/09	73457	20:27:16 - 20:42:09	gap at JO
08/05/09	73458	21:47:44 - 22:00:21	gap at MM
08/05/09	73458	22:07:43 - 22:19:24	gap at JO
08/05/09	73459	23:18:30 - 23:32:38	gap at HO
08/05/09	73459	23:28:23 - 23:40:16	gap at MM
08/05/09	73459	22:29:42 - 22:37:10	gap at MA
08/05/09	73450	07:42:29 - 07:44:19	gap at KS
08/05/09	73451	09:22:04 - 09:24:18	gap at KS
08/05/09	73452	11:01:39 - 11:03:55	gap at KS
08/05/09	73453	12:40:57 - 12:43:12	gap at KS
08/05/09	73454	14:19:47 - 14:22:07	gap at KS
08/05/09	73455	15:57:35 - 15:59:52	gap at KS
08/05/09	73457	19:13:49 - 19:15:41	gap at KS
08/05/09	73458	20:53:52 - 20:55:40	gap at KS
08/05/09	73459	22:36:07 - 22:37:47	gap at KS
08/05/09	73448	04:02:00 - 04:03:48	gap at GS
08/05/09	73446	00:37:08 - 00:38:51	gap at MS
08/05/09	73452	11:14:42 - 11:17:02	gap at MS
08/05/09	73453	12:54:54 - 12:57:12	gap at MS
08/05/09	73459	22:24:27 - 22:26:20	gap at MS
08/05/09	73451	09:30:11 - 09:31:53	gap at MA
08/05/09	73458	20:45:44 - 20:48:12	gap at MA
08/05/09	73447	02:18:31 - 02:19:52	gap at MI
08/05/09	73448	03:56:11 - 03:59:03	gap at MI
08/05/09	73448	04:07:10 - 04:09:09	gap at MI
08/05/09	73454	14:38:51 - 14:40:38	gap at MI
08/05/09	73454	14:44:05 - 14:47:34	gap at MI
08/05/09	73455	16:16:10 - 16:17:55	gap at MI
08/05/09	73448	04:27:45 - 04:30:25	gap at BE
08/05/09	73448	04:39:30 - 04:41:15	gap at SG
08/05/09	73454	15:33:19 - 15:35:37	gap at SG

09/05/09	73460	00:58:16 - 01:11:47	gap at HO
09/05/09	73460	01:10:07 - 01:20:25	gap at MM
09/05/09	73460	00:22:22 - 00:24:51	gap at KS
09/05/09	73461	02:52:50 - 03:00:52	gap at MM
09/05/09	73462	04:35:54 - 04:41:56	gap at MM
09/05/09	73462	03:24:25 - 03:35:43	gap at CM
09/05/09	73462	05:04:20 - 05:14:15	gap at CM
09/05/09	73463	06:18:01 - 06:24:16	gap at MM
09/05/09	73464	07:58:57 - 08:07:22	gap at MM
09/05/09	73464	07:36:25 - 07:50:43	gap at JO
09/05/09	73465	09:39:20 - 09:49:57	gap at MM
09/05/09	73465	09:16:19 - 09:29:29	gap at JO
09/05/09	73466	11:19:27 - 11:31:30	gap at MM
09/05/09	73467	12:59:20 - 13:12:00	gap at MM
09/05/09	73468	14:48:25 - 14:58:21	gap at HO
09/05/09	73468	14:38:59 - 14:51:41	gap at MM
09/05/09	73468	14:01:36 - 14:09:31	gap at GS
09/05/09	73469	15:13:27 - 15:25:05	gap at BE
09/05/09	73469	16:18:21 - 16:30:55	gap at MM
09/05/09	73469	15:39:02 - 15:52:52	gap at GS
09/05/09	73469	16:43:27 - 16:52:55	gap at SG
09/05/09	73469	15:48:12 - 15:59:36	gap at CM
09/05/09	73470	17:57:31 - 18:10:04	gap at MM
09/05/09	73470	17:18:55 - 17:30:53	gap at GS
09/05/09	73470	17:28:03 - 17:37:52	gap at CM
09/05/09	73471	19:36:42 - 19:49:23	gap at MM
09/05/09	73471	19:56:31 - 20:10:19	gap at JO
09/05/09	73472	21:16:17 - 21:28:59	gap at MM
09/05/09	73472	21:35:43 - 21:49:33	gap at JO
09/05/09	73473	22:48:03 - 23:01:09	gap at HO
09/05/09	73464	07:11:16 - 07:13:01	gap at KS
09/05/09	73465	08:50:45 - 08:53:00	gap at KS
09/05/09	73466	10:30:22 - 10:32:38	gap at KS
09/05/09	73467	12:09:48 - 12:12:03	gap at KS
09/05/09	73468	13:48:43 - 13:51:03	gap at KS
09/05/09	73469	15:26:52 - 15:29:28	gap at KS
09/05/09	73470	17:04:34 - 17:06:55	gap at KS
09/05/09	73471	18:42:44 - 18:44:56	gap at KS
09/05/09	73472	20:22:13 - 20:24:00	gap at KS
09/05/09	73473	22:03:42 - 22:05:35	gap at KS
09/05/09	73474	23:48:06 - 23:49:25	gap at KS
09/05/09	73461	01:51:06 - 01:52:41	gap at GS
09/05/09	73462	03:29:57 - 03:31:32	gap at GS
09/05/09	73460	00:04:07 - 00:06:06	gap at MS
09/05/09	73466	10:44:06 - 10:46:28	gap at MS
09/05/09	73467	12:23:00 - 12:25:25	gap at MS
09/05/09	73473	21:54:32 - 21:56:15	gap at MS
09/05/09	73474	23:32:05 - 23:34:13	gap at MS

09/05/09	73466	10:38:23 - 10:40:09	gap at MA
09/05/09	73472	20:14:47 - 20:17:08	gap at MA
09/05/09	73462	03:24:45 - 03:27:07	gap at MI
09/05/09	73469	15:44:57 - 15:46:34	gap at MI
09/05/09	73470	17:25:57 - 17:27:18	gap at MI
09/05/09	73461	02:16:33 - 02:23:26	gap at BE
09/05/09	73462	03:55:58 - 03:58:27	gap at BE
09/05/09	73461	02:28:42 - 02:30:52	gap at SG
09/05/09	73462	04:07:03 - 04:09:07	gap at SG
09/05/09	73468	15:02:19 - 15:04:37	gap at SG
10/05/09	73474	00:26:14 - 00:40:52	gap at HO
10/05/09	73474	00:38:01 - 00:48:55	gap at MM
10/05/09	73475	01:45:58 - 01:56:45	gap at BE
10/05/09	73475	02:20:28 - 02:29:15	gap at MM
10/05/09	73476	03:24:28 - 03:37:42	gap at BE
10/05/09	73476	04:03:32 - 04:10:04	gap at MM
10/05/09	73476	02:54:50 - 03:03:19	gap at CM
10/05/09	73476	04:32:03 - 04:44:00	gap at CM
10/05/09	73477	05:46:05 - 05:51:58	gap at MM
10/05/09	73478	07:27:19 - 07:34:58	gap at MM
10/05/09	73478	07:06:18 - 07:18:53	gap at JO
10/05/09	73479	09:07:49 - 09:17:48	gap at MM
10/05/09	73479	08:44:15 - 08:58:53	gap at JO
10/05/09	73480	10:48:00 - 10:59:42	gap at MM
10/05/09	73481	12:27:58 - 12:40:31	gap at MM
10/05/09	73481	11:48:56 - 11:54:34	gap at MA
10/05/09	73482	14:16:36 - 14:29:24	gap at HO
10/05/09	73482	14:07:42 - 14:20:25	gap at MM
10/05/09	73483	14:41:20 - 14:54:19	gap at BE
10/05/09	73483	15:47:09 - 15:59:45	gap at MM
10/05/09	73483	15:07:59 - 15:21:08	gap at GS
10/05/09	73483	16:10:46 - 16:23:21	gap at SG
10/05/09	73483	15:18:21 - 15:26:52	gap at CM
10/05/09	73484	17:26:22 - 17:38:53	gap at MM
10/05/09	73484	16:47:22 - 17:00:33	gap at GS
10/05/09	73484	16:56:00 - 17:07:51	gap at CM
10/05/09	73485	19:05:30 - 19:18:09	gap at MM
10/05/09	73485	19:26:22 - 19:37:40	gap at JO
10/05/09	73486	20:44:55 - 20:57:39	gap at MM
10/05/09	73486	21:04:08 - 21:19:00	gap at JO
10/05/09	73487	22:18:01 - 22:29:37	gap at HO
10/05/09	73487	22:25:00 - 22:37:26	gap at MM
10/05/09	73487	22:46:48 - 22:53:00	gap at JO
10/05/09	73488	23:55:08 - 00:09:38	gap at HO
10/05/09	73478	06:40:08 - 06:41:45	gap at KS
10/05/09	73479	08:19:27 - 08:21:40	gap at KS
10/05/09	73480	09:59:04 - 10:01:21	gap at KS
10/05/09	73481	11:38:35 - 11:40:56	gap at KS

10/05/09	73482	13:17:42 - 13:19:57	gap at KS
10/05/09	73483	14:56:18 - 14:58:39	gap at KS
10/05/09	73484	16:33:55 - 16:36:16	gap at KS
10/05/09	73485	18:11:46 - 18:14:15	gap at KS
10/05/09	73486	19:50:46 - 19:52:43	gap at KS
10/05/09	73487	21:31:33 - 21:33:27	gap at KS
10/05/09	73488	23:14:51 - 23:16:24	gap at KS
10/05/09	73475	01:20:57 - 01:22:39	gap at GS
10/05/09	73476	02:58:24 - 03:00:05	gap at GS
10/05/09	73477	04:40:49 - 04:42:27	gap at GS
10/05/09	73480	10:14:00 - 10:16:20	gap at MS
10/05/09	73481	11:51:27 - 11:53:52	gap at MS
10/05/09	73488	23:00:44 - 23:02:20	gap at MS
10/05/09	73479	08:28:21 - 08:30:05	gap at MA
10/05/09	73480	10:07:08 - 10:08:53	gap at MA
10/05/09	73486	19:44:18 - 19:46:49	gap at MA
10/05/09	73487	21:23:11 - 21:25:39	gap at MA
10/05/09	73476	02:53:58 - 02:55:45	gap at MI
10/05/09	73476	03:05:00 - 03:06:41	gap at MI
10/05/09	73477	04:34:18 - 04:35:57	gap at MI
10/05/09	73483	15:14:12 - 15:15:47	gap at MI
10/05/09	73484	16:53:36 - 16:55:12	gap at MI
10/05/09	73476	03:35:25 - 03:37:47	gap at SG
10/05/09	73482	14:32:04 - 14:34:59	gap at SG
11/05/09	73488	23:55:08 - 00:09:38	gap at HO
11/05/09	73488	00:06:03 - 00:17:27	gap at MM
11/05/09	73489	01:36:27 - 01:47:54	gap at HO
11/05/09	73489	01:48:10 - 01:57:41	gap at MM
11/05/09	73490	03:31:08 - 03:38:18	gap at MM
11/05/09	73490	03:04:24 - 03:17:57	gap at SG
11/05/09	73490	04:00:37 - 04:13:02	gap at CM
11/05/09	73491	04:33:34 - 04:43:43	gap at BE
11/05/09	73491	05:14:00 - 05:19:47	gap at MM
11/05/09	73491	04:45:33 - 04:54:56	gap at SG
11/05/09	73492	06:55:37 - 07:02:33	gap at MM
11/05/09	73492	06:37:08 - 06:46:24	gap at JO
11/05/09	73493	08:36:16 - 08:45:34	gap at MM
11/05/09	73493	07:59:07 - 08:07:05	gap at MA
11/05/09	73493	08:12:49 - 08:27:51	gap at JO
11/05/09	73494	10:16:33 - 10:27:47	gap at MM
11/05/09	73494	09:55:33 - 10:04:34	gap at JO
11/05/09	73495	11:56:35 - 12:08:56	gap at MM
11/05/09	73495	11:16:39 - 11:25:26	gap at MA
11/05/09	73496	13:36:23 - 13:49:06	gap at MM
11/05/09	73497	14:09:49 - 14:23:14	gap at BE
11/05/09	73497	15:15:55 - 15:28:34	gap at MM
11/05/09	73497	14:37:13 - 14:48:09	gap at GS
11/05/09	73497	15:39:01 - 15:52:48	gap at SG



11/05/09	73498	15:52:36 - 16:00:37	gap at BE
11/05/09	73498	16:55:12 - 17:07:44	gap at MM
11/05/09	73498	16:15:57 - 16:29:47	gap at GS
11/05/09	73498	16:24:35 - 16:37:00	gap at CM
11/05/09	73499	18:34:20 - 18:46:55	gap at MM
11/05/09	73499	17:56:30 - 18:06:04	gap at GS
11/05/09	73499	18:08:27 - 18:10:30	gap at CM
11/05/09	73500	20:13:37 - 20:26:21	gap at MM
11/05/09	73500	19:16:24 - 19:24:43	gap at MA
11/05/09	73500	20:32:55 - 20:47:52	gap at JO
11/05/09	73501	21:48:52 - 21:57:36	gap at HO
11/05/09	73501	21:53:27 - 22:06:03	gap at MM
11/05/09	73502	23:24:07 - 23:38:20	gap at HO
11/05/09	73502	23:34:10 - 23:45:59	gap at MM
11/05/09	73502	22:35:59 - 22:42:28	gap at MA
11/05/09	73502	22:35:59 - 22:42:28	gap at MA
11/05/09	73492	06:09:15 - 06:10:36	gap at KS
11/05/09	73493	07:48:10 - 07:50:26	gap at KS
11/05/09	73494	09:27:46 - 09:30:01	gap at KS
11/05/09	73495	11:07:20 - 11:09:38	gap at KS
11/05/09	73496	12:46:37 - 12:48:53	gap at KS
11/05/09	73497	14:25:25 - 14:27:45	gap at KS
11/05/09	73498	16:03:10 - 16:05:29	gap at KS
11/05/09	73499	17:41:05 - 17:43:27	gap at KS
11/05/09	73500	19:19:29 - 19:21:23	gap at KS
11/05/09	73501	20:59:38 - 21:01:26	gap at KS
11/05/09	73502	22:42:02 - 22:43:55	gap at KS
11/05/09	73489	00:51:22 - 00:52:41	gap at GS
11/05/09	73491	04:07:54 - 04:09:43	gap at GS
11/05/09	73489	00:43:20 - 00:44:52	gap at MS
11/05/09	73495	11:20:20 - 11:22:51	gap at MS
11/05/09	73496	13:00:48 - 13:03:07	gap at MS
11/05/09	73502	22:29:59 - 22:32:04	gap at MS
11/05/09	73494	09:35:51 - 09:37:33	gap at MA
11/05/09	73501	20:51:24 - 20:54:01	gap at MA
11/05/09	73490	02:23:53 - 02:25:34	gap at MI
11/05/09	73491	04:01:58 - 04:04:50	gap at MI
11/05/09	73497	14:44:10 - 14:45:36	gap at MI
11/05/09	73498	16:21:53 - 16:23:29	gap at MI
11/05/09	73490	02:53:12 - 02:55:27	gap at BE
11/05/09	73496	14:03:05 - 14:04:49	gap at SG
12/05/09	73503	01:04:05 - 01:17:23	gap at HO
12/05/09	73503	01:15:57 - 01:26:09	gap at MM
12/05/09	73504	02:22:10 - 02:34:58	gap at BE
12/05/09	73504	02:58:43 - 03:06:37	gap at MM
12/05/09	73504	02:34:07 - 02:45:57	gap at SG
12/05/09	73504	03:29:55 - 03:41:30	gap at CM
12/05/09	73505	04:01:44 - 04:13:48	gap at BE

12/05/09	73505	04:41:46 - 04:47:44	gap at MM
12/05/09	73505	04:12:53 - 04:25:24	gap at SG
12/05/09	73505	05:10:20 - 05:19:38	gap at CM
12/05/09	73506	06:23:49 - 06:30:09	gap at MM
12/05/09	73507	08:04:42 - 08:13:15	gap at MM
12/05/09	73507	07:41:58 - 07:56:28	gap at JO
12/05/09	73508	09:45:04 - 09:55:47	gap at MM
12/05/09	73508	09:22:15 - 09:34:58	gap at JO
12/05/09	73509	11:35:04 - 11:47:07	gap at HO
12/05/09	73509	11:25:10 - 11:37:16	gap at MM
12/05/09	73510	13:13:35 - 13:28:24	gap at HO
12/05/09	73510	13:05:02 - 13:17:43	gap at MM
12/05/09	73511	14:54:14 - 15:03:43	gap at HO
12/05/09	73511	14:44:40 - 14:57:22	gap at MM
12/05/09	73511	14:06:59 - 14:15:41	gap at GS
12/05/09	73511	15:07:55 - 15:21:35	gap at SG
12/05/09	73512	15:19:22 - 15:30:37	gap at BE
12/05/09	73512	16:24:01 - 16:36:35	gap at MM
12/05/09	73512	15:44:42 - 15:58:35	gap at GS
12/05/09	73512	15:53:44 - 16:05:26	gap at CM
12/05/09	73513	18:03:11 - 18:15:44	gap at MM
12/05/09	73513	17:24:41 - 17:36:21	gap at GS
12/05/09	73513	17:33:59 - 17:43:12	gap at CM
12/05/09	73514	19:42:23 - 19:55:04	gap at MM
12/05/09	73514	18:47:33 - 18:51:43	gap at MA
12/05/09	73514	20:02:04 - 20:16:09	gap at JO
12/05/09	73515	21:22:00 - 21:34:41	gap at MM
12/05/09	73515	20:20:22 - 20:34:10	gap at MA
12/05/09	73515	21:41:29 - 21:55:02	gap at JO
12/05/09	73516	22:53:39 - 23:06:53	gap at HO
12/05/09	73516	23:02:24 - 23:14:33	gap at MM
12/05/09	73517	23:54:12 - 00:00:16	gap at KS
12/05/09	73507	07:16:56 - 07:18:43	gap at KS
12/05/09	73508	08:56:27 - 08:58:41	gap at KS
12/05/09	73509	10:36:04 - 10:38:21	gap at KS
12/05/09	73510	12:15:28 - 12:17:44	gap at KS
12/05/09	73511	13:54:22 - 13:56:43	gap at KS
12/05/09	73512	15:32:27 - 15:34:59	gap at KS
12/05/09	73513	17:10:11 - 17:12:32	gap at KS
12/05/09	73514	18:48:22 - 18:50:33	gap at KS
12/05/09	73515	20:27:57 - 20:29:47	gap at KS
12/05/09	73516	22:09:34 - 22:11:23	gap at KS
12/05/09	73517	23:54:12 - 23:55:33	gap at KS
12/05/09	73504	01:56:38 - 01:58:12	gap at GS
12/05/09	73505	03:35:44 - 03:37:21	gap at GS
12/05/09	73503	00:10:01 - 00:12:00	gap at MS
12/05/09	73509	10:49:36 - 10:52:00	gap at MS
12/05/09	73510	12:28:44 - 12:31:08	gap at MS

12/05/09	73516	21:59:54 - 22:01:37	gap at MS
12/05/09	73517	23:37:51 - 23:40:00	gap at MS
12/05/09	73509	10:44:09 - 10:45:55	gap at MA
12/05/09	73516	22:01:51 - 22:03:29	gap at MA
12/05/09	73504	01:54:59 - 01:56:03	gap at MI
12/05/09	73505	03:30:25 - 03:33:51	gap at MI
12/05/09	73512	15:50:36 - 15:52:26	gap at MI
12/05/09	73513	17:31:58 - 17:33:11	gap at MI
12/05/09	73513	17:33:32 - 17:39:59	gap at MI
12/05/09	73512	16:49:34 - 16:52:08	gap at SG
13/05/09	73517	00:43:51 - 00:54:39	gap at MM
13/05/09	73518	01:51:29 - 02:02:42	gap at BE
13/05/09	73518	02:26:21 - 02:35:00	gap at MM
13/05/09	73518	02:05:04 - 02:12:46	gap at SG
13/05/09	73519	03:30:11 - 03:43:18	gap at BE
13/05/09	73519	04:09:26 - 04:15:51	gap at MM
13/05/09	73519	03:41:07 - 03:54:53	gap at SG
13/05/09	73519	03:00:07 - 03:09:18	gap at CM
13/05/09	73520	05:51:54 - 05:57:50	gap at MM
13/05/09	73520	06:18:27 - 06:30:09	gap at CM
13/05/09	73521	07:33:04 - 07:40:52	gap at MM
13/05/09	73521	07:11:43 - 07:24:42	gap at JO
13/05/09	73522	09:13:33 - 09:23:39	gap at MM
13/05/09	73522	08:50:02 - 09:04:29	gap at JO
13/05/09	73523	11:05:10 - 11:13:57	gap at HO
13/05/09	73523	10:53:43 - 11:05:29	gap at MM
13/05/09	73524	12:42:26 - 12:57:09	gap at HO
13/05/09	73524	12:33:41 - 12:46:15	gap at MM
13/05/09	73524	11:55:05 - 11:59:33	gap at MA
13/05/09	73525	14:22:22 - 14:34:55	gap at HO
13/05/09	73525	14:13:23 - 14:26:07	gap at MM
13/05/09	73525	14:37:30 - 14:49:44	gap at SG
13/05/09	73526	14:47:07 - 14:59:56	gap at BE
13/05/09	73526	15:52:50 - 16:05:25	gap at MM
13/05/09	73526	15:13:37 - 15:26:57	gap at GS
13/05/09	73526	15:23:40 - 15:32:56	gap at CM
13/05/09	73527	17:32:02 - 17:44:33	gap at MM
13/05/09	73527	16:53:05 - 17:06:06	gap at GS
13/05/09	73527	17:01:46 - 17:13:23	gap at CM
13/05/09	73528	19:11:10 - 19:23:49	gap at MM
13/05/09	73528	19:31:47 - 19:43:41	gap at JO
13/05/09	73529	20:50:37 - 21:03:21	gap at MM
13/05/09	73529	19:49:48 - 20:02:37	gap at MA
13/05/09	73529	21:09:51 - 21:24:36	gap at JO
13/05/09	73530	22:23:26 - 22:35:22	gap at HO
13/05/09	73530	22:30:45 - 22:43:08	gap at MM
13/05/09	73517	23:54:12 - 23:55:33	gap at KS
13/05/09	73521	06:45:47 - 06:47:27	gap at KS

13/05/09	73522	08:25:08 - 08:27:23	gap at KS
13/05/09	73523	10:04:46 - 10:07:04	gap at KS
13/05/09	73524	11:44:16 - 11:46:37	gap at KS
13/05/09	73525	13:23:21 - 13:25:36	gap at KS
13/05/09	73526	15:01:53 - 15:04:19	gap at KS
13/05/09	73527	16:39:29 - 16:41:51	gap at KS
13/05/09	73528	18:17:23 - 18:19:53	gap at KS
13/05/09	73529	19:56:28 - 19:58:28	gap at KS
13/05/09	73530	21:37:22 - 21:39:18	gap at KS
13/05/09	73531	23:20:51 - 23:22:22	gap at KS
13/05/09	73518	01:26:24 - 01:28:07	gap at GS
13/05/09	73519	03:04:06 - 03:05:51	gap at GS
13/05/09	73520	04:46:55 - 04:48:29	gap at GS
13/05/09	73523	10:19:26 - 10:21:47	gap at MS
13/05/09	73524	11:57:09 - 11:59:33	gap at MS
13/05/09	73531	23:06:23 - 23:08:27	gap at MS
13/05/09	73522	08:33:56 - 08:35:18	gap at MA
13/05/09	73523	10:12:51 - 10:14:26	gap at MA
13/05/09	73530	21:28:58 - 21:31:21	gap at MA
13/05/09	73519	02:59:31 - 03:01:09	gap at MI
13/05/09	73520	04:40:18 - 04:41:45	gap at MI
13/05/09	73526	15:19:45 - 15:21:24	gap at MI
13/05/09	73527	16:59:25 - 17:01:00	gap at MI
13/05/09	73526	16:16:37 - 16:19:02	gap at SG
14/05/09	73531	00:00:48 - 00:15:19	gap at HO
14/05/09	73531	00:11:51 - 00:23:10	gap at MM
14/05/09	73532	01:42:37 - 01:53:25	gap at HO
14/05/09	73532	01:54:02 - 02:03:26	gap at MM
14/05/09	73532	00:56:42 - 01:06:11	gap at GS
14/05/09	73533	02:58:52 - 03:12:17	gap at BE
14/05/09	73533	03:37:02 - 03:44:04	gap at MM
14/05/09	73533	03:10:00 - 03:23:42	gap at SG
14/05/09	73533	02:32:56 - 02:34:43	gap at CM
14/05/09	73534	04:39:23 - 04:49:05	gap at BE
14/05/09	73534	05:19:51 - 05:25:37	gap at MM
14/05/09	73534	04:07:47 - 04:20:19	gap at MI
14/05/09	73534	04:51:40 - 05:00:07	gap at SG
14/05/09	73534	05:46:53 - 05:59:18	gap at CM
14/05/09	73535	07:01:23 - 07:08:27	gap at MM
14/05/09	73535	06:42:20 - 06:52:23	gap at JO
14/05/09	73536	08:42:01 - 08:51:26	gap at MM
14/05/09	73536	08:03:53 - 08:13:12	gap at MA
14/05/09	73536	08:18:30 - 08:33:31	gap at JO
14/05/09	73537	10:22:16 - 10:33:36	gap at MM
14/05/09	73537	10:01:51 - 10:09:44	gap at JO
14/05/09	73538	12:11:28 - 12:25:18	gap at HO
14/05/09	73538	12:02:17 - 12:14:41	gap at MM
14/05/09	73538	11:22:31 - 11:30:54	gap at MA

14/05/09	73539	13:50:40 - 14:04:56	gap at HO
14/05/09	73539	13:42:05 - 13:54:48	gap at MM
14/05/09	73539	14:08:11 - 14:16:52	gap at SG
14/05/09	73540	14:15:30 - 14:28:54	gap at BE
14/05/09	73540	15:21:36 - 15:34:15	gap at MM
14/05/09	73540	14:42:47 - 14:53:37	gap at GS
14/05/09	73540	15:44:44 - 15:58:24	gap at SG
14/05/09	73541	15:58:50 - 16:05:54	gap at BE
14/05/09	73541	17:00:52 - 17:13:24	gap at MM
14/05/09	73541	16:21:39 - 16:35:25	gap at GS
14/05/09	73541	16:30:16 - 16:42:40	gap at CM
14/05/09	73542	18:40:00 - 18:52:36	gap at MM
14/05/09	73542	18:02:19 - 18:11:24	gap at GS
14/05/09	73542	19:02:44 - 19:09:46	gap at JO
14/05/09	73543	20:19:19 - 20:32:02	gap at MM
14/05/09	73543	19:21:42 - 19:30:34	gap at MA
14/05/09	73543	20:38:34 - 20:53:34	gap at JO
14/05/09	73544	21:54:05 - 22:03:28	gap at HO
14/05/09	73544	21:59:11 - 22:11:45	gap at MM
14/05/09	73544	22:19:31 - 22:30:01	gap at JO
14/05/09	73545	23:29:43 - 23:44:02	gap at HO
14/05/09	73545	23:39:58 - 23:51:42	gap at MM
14/05/09	73545	22:42:26 - 22:47:40	gap at MA
14/05/09	73535	06:14:50 - 06:16:16	gap at KS
14/05/09	73536	07:53:51 - 07:56:09	gap at KS
14/05/09	73537	09:33:27 - 09:35:44	gap at KS
14/05/09	73538	11:13:01 - 11:15:20	gap at KS
14/05/09	73539	12:52:16 - 12:54:33	gap at KS
14/05/09	73540	14:31:02 - 14:33:23	gap at KS
14/05/09	73541	16:08:45 - 16:11:06	gap at KS
14/05/09	73542	17:46:40 - 17:49:05	gap at KS
14/05/09	73543	19:25:10 - 19:27:05	gap at KS
14/05/09	73544	21:05:25 - 21:07:25	gap at KS
14/05/09	73545	22:47:59 - 22:49:48	gap at KS
14/05/09	73533	02:32:55 - 02:34:43	gap at GS
14/05/09	73534	04:13:49 - 04:15:39	gap at GS
14/05/09	73532	00:49:39 - 00:51:03	gap at MS
14/05/09	73538	11:25:59 - 11:28:27	gap at MS
14/05/09	73539	13:06:41 - 13:09:03	gap at MS
14/05/09	73545	22:35:31 - 22:37:45	gap at MS
14/05/09	73537	09:41:31 - 09:43:11	gap at MA
14/05/09	73544	20:57:07 - 20:59:46	gap at MA
14/05/09	73533	02:29:18 - 02:30:55	gap at MI
14/05/09	73540	14:49:33 - 14:51:02	gap at MI
14/05/09	73541	16:27:37 - 16:29:24	gap at MI
15/05/09	73546	01:09:53 - 01:22:58	gap at HO
15/05/09	73546	01:21:48 - 01:31:53	gap at MM
15/05/09	73547	02:27:47 - 02:40:45	gap at BE

15/05/09	73547	03:04:37 - 03:12:22	gap at MM
15/05/09	73547	02:39:33 - 02:51:50	gap at SG
15/05/09	73547	03:35:26 - 03:47:17	gap at CM
15/05/09	73548	04:07:29 - 04:19:17	gap at BE
15/05/09	73548	04:47:38 - 04:53:33	gap at MM
15/05/09	73548	04:18:44 - 04:30:52	gap at SG
15/05/09	73549	06:29:36 - 06:36:03	gap at MM
15/05/09	73549	05:16:24 - 05:24:57	gap at CM
15/05/09	73550	08:10:26 - 08:19:08	gap at MM
15/05/09	73550	07:47:32 - 08:02:11	gap at JO
15/05/09	73551	09:50:47 - 10:01:36	gap at MM
15/05/09	73551	09:28:12 - 09:40:27	gap at JO
15/05/09	73552	11:30:53 - 11:43:02	gap at MM
15/05/09	73553	13:10:44 - 13:23:26	gap at MM
15/05/09	73554	15:00:05 - 15:09:12	gap at HO
15/05/09	73554	14:50:21 - 15:03:03	gap at MM
15/05/09	73554	14:12:25 - 14:21:48	gap at GS
15/05/09	73554	15:13:31 - 15:27:18	gap at SG
15/05/09	73555	15:25:19 - 15:36:09	gap at BE
15/05/09	73555	16:29:42 - 16:42:15	gap at MM
15/05/09	73555	15:50:22 - 16:04:18	gap at GS
15/05/09	73555	15:59:18 - 16:11:14	gap at CM
15/05/09	73556	18:08:51 - 18:21:24	gap at MM
15/05/09	73556	17:38:02 - 17:45:06	gap at MI
15/05/09	73556	17:30:27 - 17:41:48	gap at GS
15/05/09	73556	17:39:57 - 17:48:29	gap at CM
15/05/09	73557	19:48:03 - 20:00:45	gap at MM
15/05/09	73557	18:53:07 - 18:57:26	gap at MA
15/05/09	73557	20:07:39 - 20:21:58	gap at JO
15/05/09	73558	21:27:43 - 21:40:23	gap at MM
15/05/09	73558	21:47:17 - 22:00:30	gap at JO
15/05/09	73559	22:59:14 - 23:12:37	gap at HO
15/05/09	73559	23:08:11 - 23:20:16	gap at MM
15/05/09	73554	14:00:02 - 14:02:24	gap at KS
15/05/09	73556	17:15:52 - 17:18:13	gap at KS
15/05/09	73555	15:38:03 - 15:40:31	gap at KS
15/05/09	73558	20:33:42 - 20:35:29	gap at KS
15/05/09	73559	22:15:27 - 22:17:18	gap at KS
15/05/09	73557	18:54:01 - 18:56:08	gap at KS
15/05/09	73550	07:22:36 - 07:24:26	gap at KS
15/05/09	73551	09:02:08 - 09:04:24	gap at KS
15/05/09	73552	10:41:45 - 10:44:05	gap at KS
15/05/09	73553	12:21:08 - 12:23:25	gap at KS
15/05/09	73547	02:02:10 - 02:03:50	gap at GS
15/05/09	73548	03:41:32 - 03:43:14	gap at GS
15/05/09	73546	00:15:58 - 00:17:58	gap at MS
15/05/09	73552	10:55:03 - 10:57:24	gap at MS
15/05/09	73553	12:34:29 - 12:36:49	gap at MS

15/05/09	73559	22:05:19 - 22:07:04	gap at MS
15/05/09	73560	23:43:39 - 23:45:41	gap at MS
15/05/09	73552	10:49:55 - 10:51:36	gap at MA
15/05/09	73558	20:25:59 - 20:29:05	gap at MA
15/05/09	73547	02:00:06 - 02:01:26	gap at MI
15/05/09	73548	03:36:07 - 03:38:55	gap at MI
15/05/09	73555	15:56:15 - 15:57:59	gap at MI
15/05/09	73555	16:55:47 - 16:58:07	gap at SG
16/05/09	73560	00:37:54 - 00:52:11	gap at HO
16/05/09	73560	00:49:41 - 01:00:22	gap at MM
16/05/09	73560	00:00:21 - 00:05:49	gap at KS
16/05/09	73561	01:57:01 - 02:08:38	gap at BE
16/05/09	73561	02:32:14 - 02:40:45	gap at MM
16/05/09	73561	02:10:11 - 02:18:58	gap at SG
16/05/09	73562	03:35:54 - 03:48:53	gap at BE
16/05/09	73562	04:15:19 - 04:21:38	gap at MM
16/05/09	73562	03:46:51 - 04:00:29	gap at SG
16/05/09	73562	03:05:26 - 03:15:13	gap at CM
16/05/09	73562	04:43:40 - 04:55:06	gap at CM
16/05/09	73563	05:57:43 - 06:03:42	gap at MM
16/05/09	73564	07:38:49 - 07:46:45	gap at MM
16/05/09	73564	07:17:10 - 07:30:30	gap at JO
16/05/09	73565	09:19:17 - 09:29:30	gap at MM
16/05/09	73565	08:55:50 - 09:10:04	gap at JO
16/05/09	73566	10:59:27 - 11:11:16	gap at MM
16/05/09	73567	12:39:23 - 12:51:59	gap at MM
16/05/09	73568	14:28:08 - 14:40:10	gap at HO
16/05/09	73568	14:19:05 - 14:31:48	gap at MM
16/05/09	73568	14:42:58 - 14:55:35	gap at SG
16/05/09	73569	14:52:56 - 15:05:33	gap at BE
16/05/09	73569	15:58:30 - 16:11:05	gap at MM
16/05/09	73569	15:19:15 - 15:32:44	gap at GS
16/05/09	73569	16:22:31 - 16:34:15	gap at SG
16/05/09	73569	15:29:03 - 15:38:56	gap at CM
16/05/09	73570	17:37:41 - 17:50:13	gap at MM
16/05/09	73570	16:58:49 - 17:11:38	gap at GS
16/05/09	73570	17:07:34 - 17:18:53	gap at CM
16/05/09	73571	19:16:51 - 19:29:30	gap at MM
16/05/09	73571	19:37:14 - 19:49:39	gap at JO
16/05/09	73572	20:56:19 - 21:09:03	gap at MM
16/05/09	73572	21:15:35 - 21:30:11	gap at JO
16/05/09	73573	22:28:52 - 22:41:06	gap at HO
16/05/09	73573	22:36:30 - 22:48:51	gap at MM
16/05/09	73564	06:51:26 - 06:53:08	gap at KS
16/05/09	73565	08:30:50 - 08:33:05	gap at KS
16/05/09	73566	10:10:27 - 10:12:45	gap at KS
16/05/09	73567	11:49:57 - 11:52:18	gap at KS
16/05/09	73568	13:28:59 - 13:31:16	gap at KS



16/05/09	73569	15:07:26 - 15:09:59	gap at KS
16/05/09	73570	16:45:03 - 16:47:29	gap at KS
16/05/09	73571	18:23:01 - 18:25:24	gap at KS
16/05/09	73572	20:02:11 - 20:04:08	gap at KS
16/05/09	73573	21:43:12 - 21:45:07	gap at KS
16/05/09	73574	23:26:52 - 23:28:24	gap at KS
16/05/09	73561	01:31:51 - 01:33:37	gap at GS
16/05/09	73562	03:09:49 - 03:11:36	gap at GS
16/05/09	73566	10:24:53 - 10:27:19	gap at MS
16/05/09	73567	12:02:55 - 12:05:13	gap at MS
16/05/09	73574	23:12:04 - 23:14:09	gap at MS
16/05/09	73565	08:39:42 - 08:41:28	gap at MA
16/05/09	73566	10:18:32 - 10:20:18	gap at MA
16/05/09	73572	19:55:19 - 19:57:47	gap at MA
16/05/09	73573	21:34:46 - 21:37:08	gap at MA
16/05/09	73562	03:05:05 - 03:06:48	gap at MI
16/05/09	73563	04:46:21 - 04:47:47	gap at MI
16/05/09	73563	04:48:16 - 04:55:54	gap at MI
16/05/09	73569	15:25:19 - 15:26:54	gap at MI
16/05/09	73570	17:05:16 - 17:07:11	gap at MI
17/05/09	73574	00:06:25 - 00:21:00	gap at HO
17/05/09	73574	00:17:40 - 00:28:53	gap at MM
17/05/09	73575	01:48:58 - 01:58:53	gap at HO
17/05/09	73575	01:59:54 - 02:09:10	gap at MM
17/05/09	73576	03:04:32 - 03:17:57	gap at BE
17/05/09	73576	03:42:55 - 03:49:50	gap at MM
17/05/09	73576	03:15:37 - 03:29:25	gap at SG
17/05/09	73576	02:37:11 - 02:41:41	gap at CM
17/05/09	73576	04:11:58 - 04:24:21	gap at CM
17/05/09	73577	04:45:15 - 04:54:25	gap at BE
17/05/09	73577	05:25:41 - 05:31:28	gap at MM
17/05/09	73577	04:57:53 - 05:05:11	gap at SG
17/05/09	73578	07:07:09 - 07:14:21	gap at MM
17/05/09	73578	06:47:35 - 06:58:19	gap at JO
17/05/09	73579	08:47:45 - 08:57:18	gap at MM
17/05/09	73579	08:24:11 - 08:39:11	gap at JO
17/05/09	73580	10:27:59 - 10:39:24	gap at MM
17/05/09	73580	09:39:09 - 09:53:02	gap at KS
17/05/09	73580	10:08:17 - 10:14:45	gap at JO
17/05/09	73581	12:08:00 - 12:20:26	gap at MM
17/05/09	73581	11:18:42 - 11:32:26	gap at KS
17/05/09	73581	11:28:24 - 11:36:24	gap at MA
17/05/09	73582	13:56:25 - 14:10:23	gap at HO
17/05/09	73582	13:47:46 - 14:00:30	gap at MM
17/05/09	73582	12:57:55 - 13:10:32	gap at KS
17/05/09	73582	13:12:35 - 13:21:24	gap at MS
17/05/09	73582	14:13:23 - 14:22:58	gap at SG
17/05/09	73583	14:21:13 - 14:34:34	gap at BE

17/05/09	73583	15:27:17 - 15:39:55	gap at MM
17/05/09	73583	14:36:40 - 14:48:14	gap at KS
17/05/09	73583	14:48:22 - 15:00:39	gap at GS
17/05/09	73583	15:50:29 - 16:03:59	gap at SG
17/05/09	73583	15:00:41 - 15:04:38	gap at CM
17/05/09	73584	16:05:11 - 16:11:05	gap at BE
17/05/09	73584	17:06:32 - 17:19:04	gap at MM
17/05/09	73584	16:14:20 - 16:26:26	gap at KS
17/05/09	73584	16:27:22 - 16:41:01	gap at GS
17/05/09	73584	16:35:57 - 16:48:19	gap at CM
17/05/09	73585	18:45:40 - 18:58:16	gap at MM
17/05/09	73585	17:52:14 - 18:05:23	gap at KS
17/05/09	73585	18:08:09 - 18:16:43	gap at GS
17/05/09	73585	19:07:49 - 19:16:08	gap at JO
17/05/09	73586	20:25:00 - 20:37:44	gap at MM
17/05/09	73586	19:27:03 - 19:36:24	gap at MA
17/05/09	73586	19:30:50 - 19:44:50	gap at KS
17/05/09	73586	20:44:14 - 20:59:15	gap at JO
17/05/09	73587	22:04:55 - 22:17:27	gap at MM
17/05/09	73587	21:03:00 - 21:16:26	gap at MA
17/05/09	73587	21:11:13 - 21:24:27	gap at KS
17/05/09	73587	22:25:28 - 22:35:15	gap at JO
17/05/09	73588	23:35:21 - 23:49:44	gap at HO
17/05/09	73588	23:45:45 - 23:57:25	gap at MM
17/05/09	73588	22:41:05 - 22:54:02	gap at MS
17/05/09	73588	22:53:56 - 23:03:55	gap at KS
17/05/09	73578	06:20:27 - 06:21:57	gap at KS
17/05/09	73579	07:59:32 - 08:01:47	gap at KS
17/05/09	73575	01:02:03 - 01:03:38	gap at GS
17/05/09	73576	02:38:34 - 02:40:13	gap at GS
17/05/09	73577	04:19:45 - 04:21:32	gap at GS
17/05/09	73581	11:31:39 - 11:34:08	gap at MS
17/05/09	73579	08:09:14 - 08:10:32	gap at MA
17/05/09	73580	09:47:12 - 09:48:55	gap at MA
17/05/09	73576	02:34:44 - 02:36:22	gap at MI
17/05/09	73577	04:13:37 - 04:15:27	gap at MI
17/05/09	73583	14:54:58 - 14:56:37	gap at MI
17/05/09	73584	16:33:21 - 16:35:06	gap at MI
18/05/09	73589	01:15:43 - 01:28:32	gap at HO
18/05/09	73589	01:27:40 - 01:37:37	gap at MM
18/05/09	73590	02:33:25 - 02:46:32	gap at BE
18/05/09	73590	03:10:30 - 03:18:08	gap at MM
18/05/09	73590	02:07:44 - 02:21:03	gap at GS
18/05/09	73590	02:45:02 - 02:57:41	gap at SG
18/05/09	73590	03:40:59 - 03:53:02	gap at CM
18/05/09	73591	04:13:16 - 04:24:45	gap at BE
18/05/09	73591	04:53:30 - 04:59:22	gap at MM
18/05/09	73591	04:24:37 - 04:36:18	gap at SG

18/05/09	73592	06:35:23 - 06:41:56	gap at MM
18/05/09	73592	05:49:59 - 05:52:29	gap at KS
18/05/09	73592	05:22:33 - 05:30:13	gap at CM
18/05/09	73593	08:16:11 - 08:25:00	gap at MM
18/05/09	73593	07:53:07 - 08:07:55	gap at JO
18/05/09	73594	09:56:31 - 10:07:26	gap at MM
18/05/09	73594	09:34:11 - 09:45:53	gap at JO
18/05/09	73595	11:36:35 - 11:48:48	gap at MM
18/05/09	73596	13:16:26 - 13:29:08	gap at MM
18/05/09	73597	15:05:55 - 15:14:40	gap at HO
18/05/09	73597	14:56:02 - 15:08:43	gap at MM
18/05/09	73597	14:17:53 - 14:27:53	gap at GS
18/05/09	73597	15:19:09 - 15:33:00	gap at SG
18/05/09	73598	15:31:18 - 15:41:39	gap at BE
18/05/09	73598	16:35:22 - 16:47:54	gap at MM
18/05/09	73598	15:56:03 - 16:09:59	gap at GS
18/05/09	73598	16:04:53 - 16:17:00	gap at CM
18/05/09	73599	18:14:30 - 18:27:04	gap at MM
18/05/09	73599	17:36:13 - 17:47:13	gap at GS
18/05/09	73599	17:45:59 - 17:53:41	gap at CM
18/05/09	73600	19:53:44 - 20:06:26	gap at MM
18/05/09	73600	20:13:14 - 20:27:45	gap at JO
18/05/09	73601	21:33:26 - 21:46:05	gap at MM
18/05/09	73601	20:31:36 - 20:45:19	gap at MA
18/05/09	73601	21:53:06 - 22:05:56	gap at JO
18/05/09	73602	23:04:43 - 23:18:21	gap at HO
18/05/09	73602	23:13:57 - 23:25:59	gap at MM
18/05/09	73593	07:28:17 - 07:30:07	gap at KS
18/05/09	73594	09:07:50 - 09:10:08	gap at KS
18/05/09	73595	10:47:26 - 10:49:46	gap at KS
18/05/09	73596	12:26:48 - 12:29:06	gap at KS
18/05/09	73597	14:05:41 - 14:08:04	gap at KS
18/05/09	73598	15:43:38 - 15:46:01	gap at KS
18/05/09	73599	17:21:29 - 17:23:53	gap at KS
18/05/09	73600	18:59:40 - 19:01:45	gap at KS
18/05/09	73601	20:39:27 - 20:41:18	gap at KS
18/05/09	73602	22:21:20 - 22:23:11	gap at KS
18/05/09	73591	03:47:22 - 03:49:12	gap at GS
18/05/09	73589	00:21:57 - 00:23:50	gap at MS
18/05/09	73595	11:00:39 - 11:03:06	gap at MS
18/05/09	73596	12:40:15 - 12:42:35	gap at MS
18/05/09	73602	22:10:45 - 22:12:43	gap at MS
18/05/09	73603	23:49:28 - 23:51:31	gap at MS
18/05/09	73595	10:55:42 - 10:57:22	gap at MA
18/05/09	73600	18:58:20 - 19:01:42	gap at MA
18/05/09	73602	22:14:23 - 22:15:25	gap at MA
18/05/09	73590	02:05:17 - 02:06:38	gap at MI
18/05/09	73591	03:41:49 - 03:44:07	gap at MI

18/05/09	73598	16:01:55 - 16:03:34	gap at MI
18/05/09	73599	17:44:13 - 17:48:44	gap at MI
19/05/09	73603	00:43:42 - 00:57:48	gap at HO
19/05/09	73603	00:55:31 - 01:06:06	gap at MM
19/05/09	73603	00:06:32 - 00:11:21	gap at KS
19/05/09	73604	02:02:35 - 02:14:31	gap at BE
19/05/09	73604	02:38:07 - 02:46:30	gap at MM
19/05/09	73604	02:15:24 - 02:25:04	gap at SG
19/05/09	73605	03:41:38 - 03:54:27	gap at BE
19/05/09	73605	04:21:12 - 04:27:26	gap at MM
19/05/09	73605	03:52:35 - 04:06:04	gap at SG
19/05/09	73605	03:10:49 - 03:21:07	gap at CM
19/05/09	73605	04:49:32 - 05:00:37	gap at CM
19/05/09	73606	06:03:31 - 06:09:34	gap at MM
19/05/09	73607	07:44:35 - 07:52:39	gap at MM
19/05/09	73607	07:22:38 - 07:36:18	gap at JO
19/05/09	73608	09:25:01 - 09:35:21	gap at MM
19/05/09	73608	09:01:39 - 09:15:38	gap at JO
19/05/09	73609	11:05:10 - 11:17:03	gap at MM
19/05/09	73610	12:45:05 - 12:57:42	gap at MM
19/05/09	73611	14:33:55 - 14:45:36	gap at HO
19/05/09	73611	14:24:46 - 14:37:29	gap at MM
19/05/09	73612	14:58:46 - 15:11:09	gap at BE
19/05/09	73612	16:04:10 - 16:16:45	gap at MM
19/05/09	73612	15:30:54 - 15:43:52	gap at MI
19/05/09	73612	15:24:54 - 15:38:30	gap at GS
19/05/09	73612	15:34:29 - 15:44:53	gap at CM
19/05/09	73613	17:43:21 - 17:55:53	gap at MM
19/05/09	73613	17:04:33 - 17:17:09	gap at GS
19/05/09	73613	17:13:23 - 17:24:21	gap at CM
19/05/09	73614	19:22:31 - 19:35:11	gap at MM
19/05/09	73614	19:42:42 - 19:55:36	gap at JO
19/05/09	73615	21:02:01 - 21:14:44	gap at MM
19/05/09	73615	20:00:52 - 20:14:14	gap at MA
19/05/09	73615	21:21:19 - 21:35:45	gap at JO
19/05/09	73616	22:34:19 - 22:46:50	gap at HO
19/05/09	73616	22:42:15 - 22:54:34	gap at MM
19/05/09	73607	06:57:06 - 06:58:50	gap at KS
19/05/09	73608	08:36:31 - 08:38:48	gap at KS
19/05/09	73609	10:16:09 - 10:18:28	gap at KS
19/05/09	73610	11:55:37 - 11:58:00	gap at KS
19/05/09	73611	13:34:37 - 13:36:56	gap at KS
19/05/09	73612	15:12:59 - 15:15:37	gap at KS
19/05/09	73613	16:50:36 - 16:53:06	gap at KS
19/05/09	73614	18:28:38 - 18:30:58	gap at KS
19/05/09	73615	20:07:54 - 20:09:48	gap at KS
19/05/09	73616	21:49:03 - 21:50:51	gap at KS
19/05/09	73617	23:32:55 - 23:34:22	gap at KS

19/05/09	73604	01:37:20 - 01:38:57	gap at GS
19/05/09	73605	03:15:33 - 03:17:21	gap at GS
19/05/09	73603	23:49:28 - 23:51:31	gap at MS
19/05/09	73609	10:30:22 - 10:32:49	gap at MS
19/05/09	73610	12:08:38 - 12:11:04	gap at MS
19/05/09	73617	23:17:46 - 23:19:59	gap at MS
19/05/09	73608	08:45:29 - 08:46:57	gap at MA
19/05/09	73609	10:24:11 - 10:25:58	gap at MA
19/05/09	73616	21:40:35 - 21:42:54	gap at MA
19/05/09	73605	03:10:41 - 03:12:52	gap at MI
19/05/09	73606	04:52:27 - 04:53:51	gap at MI
19/05/09	73613	17:11:08 - 17:12:45	gap at MI
19/05/09	73613	17:16:48 - 17:21:33	gap at MI
19/05/09	73611	14:48:28 - 14:52:52	gap at SG
19/05/09	73612	16:28:26 - 16:31:03	gap at SG
20/05/09	73617	00:12:03 - 00:26:41	gap at HO
20/05/09	73617	00:23:28 - 00:34:37	gap at MM
20/05/09	73618	01:55:11 - 02:04:13	gap at HO
20/05/09	73618	02:05:46 - 02:14:54	gap at MM
20/05/09	73619	03:10:14 - 03:23:37	gap at BE
20/05/09	73619	03:48:49 - 03:55:37	gap at MM
20/05/09	73619	02:42:01 - 02:48:03	gap at CM
20/05/09	73619	04:17:40 - 04:29:59	gap at CM
20/05/09	73620	04:51:07 - 04:59:43	gap at BE
20/05/09	73620	05:31:31 - 05:37:19	gap at MM
20/05/09	73621	07:12:55 - 07:20:14	gap at MM
20/05/09	73621	06:52:53 - 07:04:14	gap at JO
20/05/09	73622	08:53:29 - 09:03:10	gap at MM
20/05/09	73622	08:29:54 - 08:44:49	gap at JO
20/05/09	73623	10:33:42 - 10:45:13	gap at MM
20/05/09	73624	12:13:42 - 12:26:11	gap at MM
20/05/09	73624	11:34:12 - 11:41:40	gap at MA
20/05/09	73625	13:53:28 - 14:06:12	gap at MM
20/05/09	73626	14:26:56 - 14:40:13	gap at BE
20/05/09	73626	15:32:58 - 15:45:35	gap at MM
20/05/09	73626	14:53:57 - 15:06:32	gap at GS
20/05/09	73626	15:05:28 - 15:11:15	gap at CM
20/05/09	73627	17:12:12 - 17:24:44	gap at MM
20/05/09	73627	16:33:04 - 16:46:37	gap at GS
20/05/09	73627	16:41:39 - 16:53:55	gap at CM
20/05/09	73628	18:51:20 - 19:03:57	gap at MM
20/05/09	73628	18:14:00 - 18:22:00	gap at GS
20/05/09	73628	19:13:02 - 19:22:23	gap at JO
20/05/09	73629	20:30:41 - 20:43:25	gap at MM
20/05/09	73629	19:30:36 - 19:42:13	gap at MA
20/05/09	73629	20:49:54 - 21:04:55	gap at JO
20/05/09	73630	22:04:35 - 22:15:08	gap at HO
20/05/09	73630	22:10:39 - 22:23:10	gap at MM

20/05/09	73630	22:31:28 - 22:40:26	gap at JO
20/05/09	73631	23:41:02 - 23:55:25	gap at HO
20/05/09	73621	06:26:03 - 06:27:36	gap at KS
20/05/09	73622	08:05:13 - 08:07:34	gap at KS
20/05/09	73623	09:44:50 - 09:47:09	gap at KS
20/05/09	73624	11:24:23 - 11:26:47	gap at KS
20/05/09	73625	13:03:35 - 13:05:52	gap at KS
20/05/09	73626	14:42:17 - 14:44:41	gap at KS
20/05/09	73627	16:19:57 - 16:22:21	gap at KS
20/05/09	73628	17:57:47 - 18:00:27	gap at KS
20/05/09	73629	19:36:31 - 19:38:29	gap at KS
20/05/09	73630	21:17:01 - 21:18:49	gap at KS
20/05/09	73631	22:59:53 - 23:01:35	gap at KS
20/05/09	73618	01:07:25 - 01:08:56	gap at GS
20/05/09	73619	02:44:13 - 02:45:56	gap at GS
20/05/09	73620	04:25:44 - 04:27:30	gap at GS
20/05/09	73624	11:37:20 - 11:39:47	gap at MS
20/05/09	73625	13:18:32 - 13:20:52	gap at MS
20/05/09	73631	22:46:41 - 22:48:36	gap at MS
20/05/09	73622	08:14:39 - 08:16:04	gap at MA
20/05/09	73623	09:52:53 - 09:54:39	gap at MA
20/05/09	73630	21:08:48 - 21:11:18	gap at MA
20/05/09	73619	02:40:11 - 02:41:55	gap at MI
20/05/09	73620	04:19:29 - 04:21:18	gap at MI
20/05/09	73626	15:00:26 - 15:01:59	gap at MI
20/05/09	73627	16:39:07 - 16:40:54	gap at MI
20/05/09	73619	03:21:15 - 03:23:52	gap at SG
20/05/09	73625	14:18:39 - 14:20:32	gap at SG
20/05/09	73626	15:56:15 - 15:58:40	gap at SG
21/05/09	73631	23:51:33 - 00:03:09	gap at MM
21/05/09	73632	01:21:35 - 01:34:05	gap at HO
21/05/09	73632	01:33:31 - 01:43:21	gap at MM
21/05/09	73633	02:39:03 - 02:52:17	gap at BE
21/05/09	73633	03:16:24 - 03:23:53	gap at MM
21/05/09	73633	03:46:34 - 03:58:46	gap at CM
21/05/09	73634	04:19:03 - 04:30:12	gap at BE
21/05/09	73634	04:59:22 - 05:05:12	gap at MM
21/05/09	73635	06:41:10 - 06:47:49	gap at MM
21/05/09	73635	05:55:25 - 05:59:51	gap at KS
21/05/09	73635	05:28:48 - 05:35:21	gap at CM
21/05/09	73635	06:24:28 - 06:31:10	gap at JO
21/05/09	73636	08:21:56 - 08:30:53	gap at MM
21/05/09	73636	07:58:43 - 08:13:37	gap at JO
21/05/09	73637	10:02:14 - 10:13:15	gap at MM
21/05/09	73637	09:40:13 - 09:51:17	gap at JO
21/05/09	73638	11:42:18 - 11:54:33	gap at MM
21/05/09	73639	13:22:08 - 13:34:51	gap at MM
21/05/09	73640	13:55:39 - 14:09:01	gap at BE

21/05/09	73640	15:11:46 - 15:20:07	gap at HO
21/05/09	73640	15:01:43 - 15:14:24	gap at MM
21/05/09	73640	14:23:23 - 14:33:54	gap at GS
21/05/09	73641	15:37:19 - 15:47:07	gap at BE
21/05/09	73641	16:41:02 - 16:53:34	gap at MM
21/05/09	73641	16:01:44 - 16:15:39	gap at GS
21/05/09	73641	16:10:29 - 16:22:45	gap at CM
21/05/09	73642	18:20:10 - 18:32:45	gap at MM
21/05/09	73642	17:42:00 - 17:52:38	gap at GS
21/05/09	73642	17:52:06 - 17:58:48	gap at CM
21/05/09	73643	19:59:25 - 20:12:08	gap at MM
21/05/09	73643	19:03:23 - 19:08:50	gap at MA
21/05/09	73643	20:18:50 - 20:33:32	gap at JO
21/05/09	73644	21:39:09 - 21:51:47	gap at MM
21/05/09	73644	20:37:14 - 20:50:54	gap at MA
21/05/09	73644	21:58:56 - 22:11:21	gap at JO
21/05/09	73645	23:10:12 - 23:24:04	gap at HO
21/05/09	73645	23:19:43 - 23:31:42	gap at MM
21/05/09	73636	07:33:58 - 07:35:50	gap at KS
21/05/09	73637	09:13:32 - 09:15:49	gap at KS
21/05/09	73638	10:53:08 - 10:55:29	gap at KS
21/05/09	73639	12:32:28 - 12:34:47	gap at KS
21/05/09	73640	14:11:20 - 14:13:44	gap at KS
21/05/09	73641	15:49:13 - 15:51:35	gap at KS
21/05/09	73642	17:27:07 - 17:29:31	gap at KS
21/05/09	73644	20:45:13 - 20:47:01	gap at KS
21/05/09	73645	22:27:14 - 22:29:03	gap at KS
21/05/09	73633	02:13:44 - 02:15:03	gap at GS
21/05/09	73634	03:53:12 - 03:55:07	gap at GS
21/05/09	73632	00:27:59 - 00:29:54	gap at MS
21/05/09	73638	11:06:16 - 11:08:42	gap at MS
21/05/09	73639	12:46:07 - 12:48:28	gap at MS
21/05/09	73645	22:16:13 - 22:18:00	gap at MS
21/05/09	73646	23:55:18 - 23:57:31	gap at MS
21/05/09	73637	09:21:42 - 09:23:03	gap at MA
21/05/09	73638	11:01:59 - 11:03:11	gap at MA
21/05/09	73633	02:10:33 - 02:12:00	gap at MI
21/05/09	73634	03:47:33 - 03:50:26	gap at MI
21/05/09	73640	14:31:02 - 14:32:21	gap at MI
21/05/09	73641	16:07:36 - 16:09:20	gap at MI
21/05/09	73633	02:50:32 - 02:52:47	gap at SG
21/05/09	73634	04:30:32 - 04:32:43	gap at SG
21/05/09	73640	15:24:48 - 15:27:05	gap at SG
22/05/09	73646	00:49:31 - 01:03:24	gap at HO
22/05/09	73646	01:01:21 - 01:11:50	gap at MM
22/05/09	73646	00:12:47 - 00:16:50	gap at KS
22/05/09	73647	02:08:10 - 02:20:23	gap at BE
22/05/09	73647	02:44:00 - 02:52:14	gap at MM



22/05/09	73648	03:47:22 - 04:00:00	gap at BE
22/05/09	73648	04:27:05 - 04:33:14	gap at MM
22/05/09	73648	03:16:14 - 03:26:58	gap at CM
22/05/09	73648	04:55:25 - 05:06:06	gap at CM
22/05/09	73649	06:09:20 - 06:15:27	gap at MM
22/05/09	73650	07:50:20 - 07:58:32	gap at MM
22/05/09	73650	07:28:08 - 07:42:04	gap at JO
22/05/09	73651	09:30:44 - 09:41:11	gap at MM
22/05/09	73651	09:07:30 - 09:21:11	gap at JO
22/05/09	73652	11:21:21 - 11:31:59	gap at HO
22/05/09	73652	11:10:52 - 11:22:50	gap at MM
22/05/09	73653	12:59:23 - 13:14:12	gap at HO
22/05/09	73653	12:50:47 - 13:03:25	gap at MM
22/05/09	73654	14:39:42 - 14:50:47	gap at HO
22/05/09	73654	14:30:27 - 14:43:10	gap at MM
22/05/09	73654	14:53:59 - 15:07:12	gap at SG
22/05/09	73655	15:04:37 - 15:16:44	gap at BE
22/05/09	73655	15:30:33 - 15:44:16	gap at GS
22/05/09	73655	15:39:57 - 15:50:48	gap at CM
22/05/09	73656	17:10:18 - 17:22:39	gap at GS
22/05/09	73656	17:19:14 - 17:29:47	gap at CM
22/05/09	73657	19:28:11 - 19:40:52	gap at MM
22/05/09	73657	19:48:13 - 20:01:30	gap at JO
22/05/09	73658	21:07:44 - 21:20:26	gap at MM
22/05/09	73650	07:02:46 - 07:04:33	gap at KS
22/05/09	73651	08:42:13 - 08:44:31	gap at KS
22/05/09	73652	10:21:50 - 10:24:10	gap at KS
22/05/09	73653	12:01:17 - 12:03:41	gap at KS
22/05/09	73654	13:40:16 - 13:42:37	gap at KS
22/05/09	73655	15:18:30 - 15:21:12	gap at KS
22/05/09	73656	16:56:11 - 16:58:40	gap at KS
22/05/09	73657	18:34:16 - 18:36:36	gap at KS
22/05/09	73658	20:13:37 - 20:15:29	gap at KS
22/05/09	73647	01:42:50 - 01:44:28	gap at GS
22/05/09	73648	03:21:18 - 03:23:02	gap at GS
22/05/09	73646	23:55:18 - 23:57:31	gap at MS
22/05/09	73652	10:35:51 - 10:38:18	gap at MS
22/05/09	73653	12:14:24 - 12:16:49	gap at MS
22/05/09	73652	10:29:51 - 10:31:36	gap at MA
22/05/09	73658	20:06:25 - 20:08:58	gap at MA
22/05/09	73655	15:36:31 - 15:38:35	gap at MI
22/05/09	73656	17:17:02 - 17:18:31	gap at MI
22/05/09	73655	16:09:51 - 16:11:28	gap at MM
22/05/09	73656	17:49:01 - 17:51:33	gap at MM
22/05/09	73647	02:20:41 - 02:22:35	gap at SG
22/05/09	73648	03:58:21 - 04:00:38	gap at SG
22/05/09	73654	14:53:59 - 14:56:27	gap at SG
22/05/09	73655	16:34:24 - 16:37:10	gap at SG

22/05/09 - 23/05/2009	73658 - 73665		Data gap due to GOME unpowered (ERS-2 Unavailability Report 2009020)
23/05/09	73667	12:28:22 - 12:42:52	gap at HO
23/05/09	73667	11:40:00 - 11:46:53	gap at MA
23/05/09	73668	14:07:57 - 14:21:12	gap at HO
23/05/09	73668	14:23:59 - 14:34:58	gap at SG
23/05/09	73669	14:32:41 - 14:45:52	gap at BE
23/05/09	73669	14:59:34 - 15:12:23	gap at GS
23/05/09	73669	15:10:31 - 15:17:36	gap at CM
23/05/09	73670	17:17:52 - 17:30:23	gap at MM
23/05/09	73670	16:44:54 - 16:57:08	gap at MI
23/05/09	73670	16:38:47 - 16:52:12	gap at GS
23/05/09	73670	16:47:23 - 16:59:31	gap at CM
23/05/09	73671	18:57:00 - 19:09:38	gap at MM
23/05/09	73671	18:19:53 - 18:27:14	gap at GS
23/05/09	73671	19:18:19 - 19:28:33	gap at JO
23/05/09	73672	20:36:23 - 20:49:07	gap at MM
23/05/09	73672	20:55:35 - 21:10:34	gap at JO
23/05/09	73673	22:09:58 - 22:20:56	gap at HO
23/05/09	73673	22:37:32 - 22:45:33	gap at JO
23/05/09	73674	23:46:41 - 00:01:06	gap at HO
23/05/09	73674	23:57:20 - 00:08:52	gap at MM
23/05/09	73665	08:10:55 - 08:21:28	gap at KS
23/05/09	73665	08:22:05 - 08:23:23	gap at KS
23/05/09	73666	09:50:32 - 09:52:51	gap at KS
23/05/09	73667	11:30:04 - 11:32:29	gap at KS
23/05/09	73668	13:09:14 - 13:11:32	gap at KS
23/05/09	73669	14:47:54 - 14:50:18	gap at KS
23/05/09	73670	16:25:34 - 16:27:59	gap at KS
23/05/09	73671	18:03:21 - 18:06:01	gap at KS
23/05/09	73672	19:42:13 - 19:44:11	gap at KS
23/05/09	73673	21:22:49 - 21:24:40	gap at KS
23/05/09	73674	23:05:52 - 23:07:30	gap at KS
23/05/09	73666	10:06:04 - 10:08:16	gap at MS
23/05/09	73667	11:43:00 - 11:45:27	gap at MS
23/05/09	73668	13:24:37 - 13:26:55	gap at MS
23/05/09	73674	22:52:17 - 22:54:09	gap at MS
23/05/09	73665	08:20:07 - 08:21:41	gap at MA
23/05/09	73666	09:58:34 - 10:00:21	gap at MA
23/05/09	73672	19:36:04 - 19:39:03	gap at MA
23/05/09	73673	21:14:32 - 21:17:07	gap at MA
23/05/09	73669	15:05:55 - 15:07:44	gap at MI
23/05/09	73665	08:59:13 - 09:00:26	gap at MM
23/05/09	73666	10:39:26 - 10:40:49	gap at MM
23/05/09	73667	12:19:25 - 12:20:49	gap at MM
23/05/09	73668	13:59:09 - 14:00:33	gap at MM
23/05/09	73669	15:38:38 - 15:40:02	gap at MM

23/05/09	73673	22:16:23 - 22:18:22	gap at MM
23/05/09	73668	14:23:59 - 14:26:19	gap at SG
23/05/09	73669	16:02:02 - 16:04:38	gap at SG
23/05/09	73660	00:17:43 - 00:32:21	gap at HO
23/05/09	73660	00:29:18 - 00:40:20	gap at MM
23/05/09	73661	02:01:23 - 02:09:30	gap at HO
23/05/09	73661	02:11:39 - 02:20:39	gap at MM
23/05/09	73661	01:12:49 - 01:23:34	gap at GS
23/05/09	73662	03:15:55 - 03:29:16	gap at BE
23/05/09	73662	03:54:42 - 04:01:23	gap at MM
23/05/09	73662	02:45:41 - 02:58:02	gap at MI
23/05/09	73662	02:49:53 - 03:03:49	gap at GS
23/05/09	73662	03:26:54 - 03:40:47	gap at SG
23/05/09	73662	02:47:04 - 02:54:14	gap at CM
23/05/09	73662	04:23:24 - 04:35:36	gap at CM
23/05/09	73663	04:57:01 - 05:04:59	gap at BE
23/05/09	73663	05:37:21 - 05:43:10	gap at MM
23/05/09	73663	04:25:23 - 04:36:54	gap at MI
23/05/09	73663	04:31:44 - 04:42:07	gap at GS
23/05/09	73664	07:18:41 - 07:26:08	gap at MM
23/05/09	73664	06:31:41 - 06:39:37	gap at KS
23/05/09	73664	06:58:14 - 07:10:06	gap at JO
23/05/09	73665	08:35:37 - 08:50:27	gap at JO
24/05/09	73674	23:46:41 - 00:01:06	gap at HO
24/05/09	73674	23:57:20 - 00:08:52	gap at MM
24/05/09	73675	01:27:36 - 01:39:37	gap at HO
24/05/09	73675	01:39:22 - 01:49:05	gap at MM
24/05/09	73675	00:43:25 - 00:51:35	gap at GS
24/05/09	73676	02:44:42 - 02:58:01	gap at BE
24/05/09	73676	03:52:10 - 04:04:29	gap at CM
24/05/09	73678	06:00:56 - 06:06:04	gap at KS
24/05/09	73678	05:35:14 - 05:40:19	gap at CM
24/05/09	73678	06:29:27 - 06:37:19	gap at JO
24/05/09	73679	08:27:40 - 08:36:46	gap at MM
24/05/09	73679	08:04:21 - 08:19:19	gap at JO
24/05/09	73680	09:27:21 - 09:40:56	gap at MA
24/05/09	73680	09:46:18 - 09:56:38	gap at JO
24/05/09	73681	11:57:24 - 12:10:38	gap at HO
24/05/09	73681	11:48:01 - 12:00:19	gap at MM
24/05/09	73682	13:36:22 - 13:50:57	gap at HO
24/05/09	73682	13:27:50 - 13:40:33	gap at MM
24/05/09	73683	14:01:18 - 14:14:42	gap at BE
24/05/09	73683	15:17:38 - 15:25:29	gap at HO
24/05/09	73683	14:28:54 - 14:39:54	gap at GS
24/05/09	73684	15:43:23 - 15:52:33	gap at BE
24/05/09	73684	16:07:25 - 16:21:19	gap at GS
24/05/09	73684	16:16:07 - 16:28:28	gap at CM
24/05/09	73685	17:47:47 - 17:58:01	gap at GS

24/05/09	73685	17:58:21 - 18:03:46	gap at CM
24/05/09	73686	20:24:28 - 20:39:17	gap at JO
24/05/09	73687	20:42:54 - 20:56:36	gap at MA
24/05/09	73687	22:04:47 - 22:16:43	gap at JO
24/05/09	73688	23:15:43 - 23:29:47	gap at HO
24/05/09	73688	22:26:36 - 22:34:29	gap at MA
24/05/09	73679	07:39:39 - 07:41:33	gap at KS
24/05/09	73680	09:19:13 - 09:21:32	gap at KS
24/05/09	73681	10:58:49 - 11:01:11	gap at KS
24/05/09	73682	12:38:07 - 12:40:28	gap at KS
24/05/09	73683	14:16:58 - 14:19:22	gap at KS
24/05/09	73684	15:54:48 - 15:57:09	gap at KS
24/05/09	73685	17:32:42 - 17:35:07	gap at KS
24/05/09	73686	19:10:59 - 19:12:57	gap at KS
24/05/09	73687	20:50:59 - 20:52:51	gap at KS
24/05/09	73688	22:33:09 - 22:34:55	gap at KS
24/05/09	73677	03:59:04 - 04:00:57	gap at GS
24/05/09	73675	00:34:04 - 00:35:47	gap at MS
24/05/09	73681	11:11:53 - 11:14:18	gap at MS
24/05/09	73682	12:51:59 - 12:54:16	gap at MS
24/05/09	73688	22:21:42 - 22:23:34	gap at MS
24/05/09	73681	11:07:53 - 11:08:56	gap at MA
24/05/09	73686	19:08:33 - 19:11:15	gap at MA
24/05/09	73676	02:15:51 - 02:17:45	gap at MI
24/05/09	73677	03:53:18 - 03:56:14	gap at MI
24/05/09	73683	14:36:13 - 14:37:45	gap at MI
24/05/09	73684	16:13:18 - 16:15:08	gap at MI
24/05/09	73680	10:07:58 - 10:09:19	gap at MM
24/05/09	73683	15:07:24 - 15:08:50	gap at MM
24/05/09	73684	16:46:42 - 16:48:20	gap at MM
24/05/09	73685	18:25:50 - 18:28:12	gap at MM
24/05/09	73686	20:05:06 - 20:07:02	gap at MM
24/05/09	73687	21:44:52 - 21:47:25	gap at MM
24/05/09	73688	23:25:30 - 23:27:12	gap at MM
24/05/09	73677	04:24:50 - 04:28:04	gap at BE
24/05/09	73677	04:29:58 - 04:35:38	gap at BE
24/05/09	73676	02:56:04 - 02:58:29	gap at SG
24/05/09	73676	03:00:15 - 03:09:18	gap at SG
24/05/09	73676	02:56:04 - 02:58:29	gap at SG
24/05/09	73676	03:00:15 - 03:09:18	gap at SG
24/05/09	73677	04:36:30 - 04:38:20	gap at SG
24/05/09	73677	04:44:49 - 04:47:01	gap at SG
24/05/09	73683	15:30:28 - 15:32:53	gap at SG
25/05/09	73689	00:55:21 - 01:09:00	gap at HO
25/05/09	73689	00:19:08 - 00:22:13	gap at KS
25/05/09	73690	02:13:45 - 02:26:14	gap at BE
25/05/09	73690	02:49:53 - 02:57:59	gap at MM
25/05/09	73690	02:26:01 - 02:37:04	gap at SG

25/05/09	73691	04:32:58 - 04:39:02	gap at MM
25/05/09	73691	03:21:41 - 03:32:48	gap at CM
25/05/09	73691	05:01:21 - 05:11:32	gap at CM
25/05/09	73692	06:15:08 - 06:21:20	gap at MM
25/05/09	73693	07:33:39 - 07:47:50	gap at JO
25/05/09	73694	09:36:28 - 09:47:02	gap at MM
25/05/09	73694	09:13:23 - 09:26:43	gap at JO
25/05/09	73695	11:26:47 - 11:38:07	gap at HO
25/05/09	73696	13:05:03 - 13:19:53	gap at HO
25/05/09	73696	12:56:29 - 13:09:09	gap at MM
25/05/09	73697	14:45:30 - 14:55:43	gap at HO
25/05/09	73697	14:36:08 - 14:48:51	gap at MM
25/05/09	73697	13:58:56 - 14:06:24	gap at GS
25/05/09	73698	15:10:30 - 15:22:18	gap at BE
25/05/09	73698	15:36:12 - 15:50:00	gap at GS
25/05/09	73698	16:40:25 - 16:50:18	gap at SG
25/05/09	73698	15:45:26 - 15:56:41	gap at CM
25/05/09	73699	17:54:41 - 18:07:14	gap at MM
25/05/09	73699	17:16:03 - 17:28:09	gap at GS
25/05/09	73699	17:25:06 - 17:35:11	gap at CM
25/05/09	73700	19:53:44 - 20:07:23	gap at JO
25/05/09	73701	21:13:26 - 21:26:08	gap at MM
25/05/09	73701	20:11:59 - 20:25:42	gap at MA
25/05/09	73701	21:32:49 - 21:46:48	gap at JO
25/05/09	73702	22:45:17 - 22:58:18	gap at HO
25/05/09	73702	22:53:46 - 23:05:59	gap at MM
25/05/09	73702	21:52:54 - 22:04:22	gap at MA
25/05/09	73693	07:08:26 - 07:10:16	gap at KS
25/05/09	73694	08:47:54 - 08:50:14	gap at KS
25/05/09	73695	10:27:32 - 10:29:52	gap at KS
25/05/09	73696	12:06:58 - 12:09:18	gap at KS
25/05/09	73697	13:45:54 - 13:48:17	gap at KS
25/05/09	73698	15:24:04 - 15:26:46	gap at KS
25/05/09	73699	17:01:47 - 17:04:14	gap at KS
25/05/09	73700	18:39:54 - 18:42:13	gap at KS
25/05/09	73701	20:19:21 - 20:21:13	gap at KS
25/05/09	73702	22:00:46 - 22:02:43	gap at KS
25/05/09	73703	23:45:03 - 23:46:36	gap at KS
25/05/09	73690	01:48:20 - 01:49:59	gap at GS
25/05/09	73691	03:27:03 - 03:28:52	gap at GS
25/05/09	73689	00:01:10 - 00:03:15	gap at MS
25/05/09	73695	10:41:22 - 10:43:47	gap at MS
25/05/09	73696	12:20:09 - 12:22:39	gap at MS
25/05/09	73702	21:51:51 - 21:53:31	gap at MS
25/05/09	73703	23:29:13 - 23:31:24	gap at MS
25/05/09	73695	10:35:32 - 10:37:22	gap at MA
25/05/09	73691	03:21:56 - 03:24:03	gap at MI
25/05/09	73692	05:04:57 - 05:05:59	gap at MI

25/05/09	73698	15:42:08 - 15:43:46	gap at MI
25/05/09	73698	15:52:52 - 15:55:22	gap at MI
25/05/09	73699	17:22:58 - 17:24:26	gap at MI
25/05/09	73689	01:07:11 - 01:08:28	gap at MM
25/05/09	73693	07:56:05 - 07:57:06	gap at MM
25/05/09	73695	11:16:35 - 11:17:57	gap at MM
25/05/09	73698	16:15:31 - 16:17:09	gap at MM
25/05/09	73700	19:33:52 - 19:35:48	gap at MM
25/05/09	73691	03:53:06 - 03:55:30	gap at BE
25/05/09	73691	04:04:09 - 04:14:26	gap at SG
25/05/09	73697	14:59:32 - 15:01:40	gap at SG
26/05/09	73703	00:23:24 - 00:38:02	gap at HO
26/05/09	73704	01:43:12 - 01:53:46	gap at BE
26/05/09	73704	02:07:51 - 02:13:39	gap at HO
26/05/09	73704	02:17:31 - 02:26:23	gap at MM
26/05/09	73705	04:00:36 - 04:07:10	gap at MM
26/05/09	73705	02:52:14 - 03:00:18	gap at CM
26/05/09	73705	04:29:10 - 04:41:12	gap at CM
26/05/09	73707	07:24:26 - 07:32:02	gap at MM
26/05/09	73707	07:03:36 - 07:15:57	gap at JO
26/05/09	73708	08:41:22 - 08:56:05	gap at JO
26/05/09	73709	10:45:09 - 10:56:48	gap at MM
26/05/09	73710	11:45:54 - 11:52:02	gap at MA
26/05/09	73711	14:13:43 - 14:26:38	gap at HO
26/05/09	73712	14:38:27 - 14:51:30	gap at BE
26/05/09	73712	15:05:11 - 15:18:13	gap at GS
26/05/09	73712	16:07:51 - 16:20:36	gap at SG
26/05/09	73712	15:15:43 - 15:23:48	gap at CM
26/05/09	73713	17:23:32 - 17:36:03	gap at MM
26/05/09	73713	16:44:30 - 16:57:46	gap at GS
26/05/09	73713	16:53:07 - 17:05:05	gap at CM
26/05/09	73714	19:23:40 - 19:34:38	gap at JO
26/05/09	73715	19:41:33 - 19:53:48	gap at MA
26/05/09	73715	21:01:17 - 21:16:12	gap at JO
26/05/09	73716	22:15:19 - 22:26:43	gap at HO
26/05/09	73716	22:43:41 - 22:50:33	gap at JO
26/05/09	73717	23:52:19 - 00:06:48	gap at HO
26/05/09	73707	06:37:19 - 06:39:01	gap at KS
26/05/09	73708	08:16:36 - 08:18:54	gap at KS
26/05/09	73709	09:56:14 - 09:58:35	gap at KS
26/05/09	73710	11:35:45 - 11:38:10	gap at KS
26/05/09	73711	13:14:53 - 13:17:12	gap at KS
26/05/09	73712	14:53:31 - 14:55:56	gap at KS
26/05/09	73713	16:31:09 - 16:33:34	gap at KS
26/05/09	73714	18:08:58 - 18:11:32	gap at KS
26/05/09	73715	19:47:55 - 19:49:55	gap at KS
26/05/09	73716	21:28:38 - 21:30:33	gap at KS
26/05/09	73717	23:11:51 - 23:13:28	gap at KS

26/05/09	73704	01:18:14 - 01:20:00	gap at GS
26/05/09	73705	02:55:33 - 02:57:14	gap at GS
26/05/09	73706	04:37:46 - 04:39:32	gap at GS
26/05/09	73709	10:11:18 - 10:13:43	gap at MS
26/05/09	73710	11:48:38 - 11:51:07	gap at MS
26/05/09	73717	22:57:55 - 22:59:46	gap at MS
26/05/09	73708	08:25:36 - 08:27:18	gap at MA
26/05/09	73709	10:04:17 - 10:06:03	gap at MA
26/05/09	73716	21:20:18 - 21:22:48	gap at MA
26/05/09	73705	02:51:12 - 02:52:56	gap at MI
26/05/09	73706	04:31:19 - 04:33:01	gap at MI
26/05/09	73712	15:11:26 - 15:13:08	gap at MI
26/05/09	73713	16:50:41 - 16:52:19	gap at MI
26/05/09	73703	00:35:07 - 00:36:27	gap at MM
26/05/09	73708	09:04:57 - 09:06:11	gap at MM
26/05/09	73710	12:25:07 - 12:26:30	gap at MM
26/05/09	73711	14:04:51 - 14:06:14	gap at MM
26/05/09	73712	15:44:19 - 15:45:43	gap at MM
26/05/09	73714	19:02:40 - 19:04:49	gap at MM
26/05/09	73715	20:42:04 - 20:43:51	gap at MM
26/05/09	73716	22:22:08 - 22:23:57	gap at MM
26/05/09	73705	03:21:37 - 03:24:04	gap at BE
26/05/09	73705	03:32:34 - 03:35:42	gap at SG
26/05/09	73705	03:43:46 - 03:46:26	gap at SG
26/05/09	73711	14:29:21 - 14:31:59	gap at SG
27/05/09	73717	23:52:19 - 00:06:48	gap at HO
27/05/09	73717	00:03:09 - 00:14:35	gap at MM
27/05/09	73718	01:33:31 - 01:45:08	gap at HO
27/05/09	73718	01:45:14 - 01:54:49	gap at MM
27/05/09	73718	00:48:42 - 00:57:26	gap at GS
27/05/09	73719	03:28:11 - 03:35:25	gap at MM
27/05/09	73719	03:01:37 - 03:15:05	gap at SG
27/05/09	73719	03:57:48 - 04:10:11	gap at CM
27/05/09	73720	04:42:31 - 04:52:19	gap at SG
27/05/09	73721	06:06:28 - 06:12:13	gap at KS
27/05/09	73721	05:42:08 - 05:44:49	gap at CM
27/05/09	73721	06:34:33 - 06:43:24	gap at JO
27/05/09	73722	07:55:59 - 08:01:45	gap at MA
27/05/09	73722	08:10:00 - 08:25:00	gap at JO
27/05/09	73723	09:52:27 - 10:01:56	gap at JO
27/05/09	73724	12:03:02 - 12:16:30	gap at HO
27/05/09	73725	13:42:05 - 13:56:32	gap at HO
27/05/09	73725	14:00:35 - 14:07:31	gap at SG
27/05/09	73726	14:06:58 - 14:20:23	gap at BE
27/05/09	73726	15:23:29 - 15:30:49	gap at HO
27/05/09	73726	14:34:26 - 14:45:24	gap at GS
27/05/09	73727	15:49:31 - 15:57:56	gap at BE
27/05/09	73727	16:13:07 - 16:26:58	gap at GS



27/05/09	73727	16:21:46 - 16:34:10	gap at CM
27/05/09	73728	17:53:35 - 18:03:24	gap at GS
27/05/09	73728	18:04:52 - 18:08:28	gap at CM
27/05/09	73729	19:13:16 - 19:21:17	gap at MA
27/05/09	73729	20:30:06 - 20:45:01	gap at JO
27/05/09	73730	21:46:15 - 21:54:40	gap at HO
27/05/09	73730	20:48:34 - 21:02:17	gap at MA
27/05/09	73730	22:10:39 - 22:22:04	gap at JO
27/05/09	73731	23:21:18 - 23:35:29	gap at HO
27/05/09	73731	22:32:49 - 22:39:50	gap at MA
27/05/09	73722	07:45:19 - 07:47:16	gap at KS
27/05/09	73723	09:24:55 - 09:27:15	gap at KS
27/05/09	73724	11:04:30 - 11:06:53	gap at KS
27/05/09	73725	12:43:47 - 12:46:07	gap at KS
27/05/09	73726	14:22:36 - 14:25:02	gap at KS
27/05/09	73727	16:00:23 - 16:02:46	gap at KS
27/05/09	73728	17:38:18 - 17:40:42	gap at KS
27/05/09	73729	19:16:39 - 19:18:35	gap at KS
27/05/09	73730	20:56:45 - 20:58:37	gap at KS
27/05/09	73731	22:39:04 - 22:41:02	gap at KS
27/05/09	73720	04:04:57 - 04:06:49	gap at GS
27/05/09	73718	00:40:14 - 00:41:48	gap at MS
27/05/09	73724	11:17:31 - 11:19:59	gap at MS
27/05/09	73725	12:57:51 - 13:00:15	gap at MS
27/05/09	73731	22:27:13 - 22:29:14	gap at MS
27/05/09	73723	09:33:01 - 09:34:48	gap at MA
27/05/09	73724	11:13:43 - 11:16:40	gap at MA
27/05/09	73719	02:21:12 - 02:22:51	gap at MI
27/05/09	73720	03:59:05 - 04:02:00	gap at MI
27/05/09	73720	04:10:10 - 04:11:57	gap at MI
27/05/09	73726	14:41:30 - 14:42:54	gap at MI
27/05/09	73727	16:19:01 - 16:20:48	gap at MI
27/05/09	73722	08:33:24 - 08:34:33	gap at MM
27/05/09	73723	10:13:41 - 10:15:02	gap at MM
27/05/09	73723	10:22:00 - 10:24:53	gap at MM
27/05/09	73724	11:53:43 - 11:55:28	gap at MM
27/05/09	73725	13:33:32 - 13:34:56	gap at MM
27/05/09	73726	15:13:05 - 15:14:28	gap at MM
27/05/09	73727	16:52:22 - 16:54:01	gap at MM
27/05/09	73728	18:31:30 - 18:33:50	gap at MM
27/05/09	73729	20:10:47 - 20:12:41	gap at MM
27/05/09	73730	21:50:36 - 21:53:03	gap at MM
27/05/09	73731	23:31:17 - 23:33:11	gap at MM
27/05/09	73719	02:50:22 - 02:52:52	gap at BE
27/05/09	73720	04:30:39 - 04:33:16	gap at BE
27/05/09	73725	14:00:35 - 14:02:20	gap at SG
28/05/09	73732	01:01:10 - 01:14:35	gap at HO
28/05/09	73732	00:25:42 - 00:27:23	gap at KS

28/05/09	73734	03:27:10 - 03:38:37	gap at CM
28/05/09	73734	05:07:20 - 05:16:57	gap at CM
28/05/09	73735	06:20:55 - 06:27:13	gap at MM
28/05/09	73736	08:01:49 - 08:10:18	gap at MM
28/05/09	73736	07:39:11 - 07:53:35	gap at JO
28/05/09	73737	09:19:17 - 09:32:14	gap at JO
28/05/09	73740	14:51:19 - 15:01:02	gap at HO
28/05/09	73740	14:41:50 - 14:54:32	gap at MM
28/05/09	73740	14:04:17 - 14:12:37	gap at GS
28/05/09	73741	15:16:24 - 15:27:51	gap at BE
28/05/09	73741	16:21:11 - 16:33:45	gap at MM
28/05/09	73741	15:41:52 - 15:55:44	gap at GS
28/05/09	73741	16:46:30 - 16:55:31	gap at SG
28/05/09	73741	15:50:58 - 16:02:31	gap at CM
28/05/09	73742	17:21:48 - 17:33:37	gap at GS
28/05/09	73742	17:31:01 - 17:40:32	gap at CM
28/05/09	73743	18:44:46 - 18:48:51	gap at MA
28/05/09	73743	19:59:17 - 20:13:14	gap at JO
28/05/09	73744	21:19:09 - 21:31:50	gap at MM
28/05/09	73744	21:38:36 - 21:52:18	gap at JO
28/05/09	73745	22:50:51 - 23:04:01	gap at HO
28/05/09	73745	22:59:32 - 23:11:42	gap at MM
28/05/09	73745	21:58:48 - 22:09:54	gap at MA
28/05/09	73736	07:14:06 - 07:15:57	gap at KS
28/05/09	73737	08:53:36 - 08:55:55	gap at KS
28/05/09	73738	10:33:13 - 10:35:35	gap at KS
28/05/09	73739	12:12:38 - 12:14:59	gap at KS
28/05/09	73740	13:51:32 - 13:53:58	gap at KS
28/05/09	73741	15:29:40 - 15:32:17	gap at KS
28/05/09	73742	17:07:22 - 17:09:48	gap at KS
28/05/09	73743	18:45:33 - 18:47:50	gap at KS
28/05/09	73744	20:25:05 - 20:26:58	gap at KS
28/05/09	73745	22:06:38 - 22:08:31	gap at KS
28/05/09	73746	23:51:09 - 23:52:35	gap at KS
28/05/09	73733	01:53:51 - 01:55:30	gap at GS
28/05/09	73734	03:32:50 - 03:34:32	gap at GS
28/05/09	73732	00:07:04 - 00:09:11	gap at MS
28/05/09	73738	10:46:51 - 10:49:18	gap at MS
28/05/09	73739	12:25:52 - 12:28:22	gap at MS
28/05/09	73745	21:57:13 - 21:59:04	gap at MS
28/05/09	73746	23:34:58 - 23:37:06	gap at MS
28/05/09	73738	10:41:16 - 10:43:08	gap at MA
28/05/09	73744	20:17:34 - 20:20:44	gap at MA
28/05/09	73733	01:52:29 - 01:53:44	gap at MI
28/05/09	73734	03:27:35 - 03:31:25	gap at MI
28/05/09	73741	15:47:46 - 15:49:31	gap at MI
28/05/09	73741	15:58:26 - 16:01:05	gap at MI
28/05/09	73742	17:28:57 - 17:30:30	gap at MI

28/05/09	73732	01:13:02 - 01:14:19	gap at MM
28/05/09	73737	09:42:12 - 09:43:31	gap at MM
28/05/09	73738	11:22:18 - 11:23:44	gap at MM
28/05/09	73739	13:02:11 - 13:03:36	gap at MM
28/05/09	73742	18:00:21 - 18:03:01	gap at MM
28/05/09	73743	19:39:32 - 19:41:29	gap at MM
28/05/09	73733	02:19:21 - 02:21:53	gap at BE
28/05/09	73734	03:58:51 - 04:01:16	gap at BE
28/05/09	73733	02:31:24 - 02:33:26	gap at SG
28/05/09	73734	04:09:58 - 04:12:13	gap at SG
28/05/09	73740	15:05:07 - 15:07:33	gap at SG
29/05/09	73746	00:29:05 - 00:43:42	gap at HO
29/05/09	73747	01:48:43 - 01:59:44	gap at BE
29/05/09	73748	02:57:28 - 03:06:19	gap at CM
29/05/09	73748	04:34:57 - 04:46:47	gap at CM
29/05/09	73750	07:30:12 - 07:37:55	gap at MM
29/05/09	73750	07:09:01 - 07:21:47	gap at JO
29/05/09	73751	09:10:41 - 09:20:44	gap at MM
29/05/09	73751	08:47:08 - 09:01:41	gap at JO
29/05/09	73753	11:51:59 - 11:57:05	gap at MA
29/05/09	73755	14:44:14 - 14:57:07	gap at BE
29/05/09	73755	15:10:48 - 15:24:02	gap at GS
29/05/09	73755	16:13:41 - 16:26:05	gap at SG
29/05/09	73755	15:21:00 - 15:29:54	gap at CM
29/05/09	73756	16:50:14 - 17:03:20	gap at GS
29/05/09	73756	16:58:53 - 17:10:37	gap at CM
29/05/09	73757	19:29:04 - 19:40:41	gap at JO
29/05/09	73758	20:47:46 - 21:00:30	gap at MM
29/05/09	73758	21:07:00 - 21:21:48	gap at JO
29/05/09	73759	22:27:52 - 22:40:17	gap at MM
29/05/09	73760	23:57:58 - 00:12:29	gap at HO
29/05/09	73746	23:51:09 - 23:52:35	gap at KS
29/05/09	73750	06:42:58 - 06:44:42	gap at KS
29/05/09	73751	08:22:18 - 08:24:37	gap at KS
29/05/09	73752	10:01:55 - 10:04:16	gap at KS
29/05/09	73753	11:41:26 - 11:43:51	gap at KS
29/05/09	73754	13:20:31 - 13:22:52	gap at KS
29/05/09	73755	14:59:05 - 15:01:35	gap at KS
29/05/09	73756	16:36:42 - 16:39:08	gap at KS
29/05/09	73757	18:14:35 - 18:17:10	gap at KS
29/05/09	73758	19:53:37 - 19:55:39	gap at KS
29/05/09	73759	21:34:27 - 21:36:32	gap at KS
29/05/09	73760	23:17:51 - 23:19:27	gap at KS
29/05/09	73747	01:23:40 - 01:25:28	gap at GS
29/05/09	73748	03:01:15 - 03:03:02	gap at GS
29/05/09	73749	04:43:51 - 04:45:35	gap at GS
29/05/09	73752	10:16:43 - 10:19:10	gap at MS
29/05/09	73753	11:54:16 - 11:56:47	gap at MS

29/05/09	73760	23:03:33 - 23:05:48	gap at MS
29/05/09	73751	08:31:07 - 08:32:43	gap at MA
29/05/09	73752	10:09:59 - 10:11:45	gap at MA
29/05/09	73758	19:47:03 - 19:49:41	gap at MA
29/05/09	73759	21:26:04 - 21:28:34	gap at MA
29/05/09	73748	02:56:44 - 02:58:29	gap at MI
29/05/09	73749	04:37:18 - 04:38:52	gap at MI
29/05/09	73755	15:16:58 - 15:18:44	gap at MI
29/05/09	73756	16:56:30 - 16:58:23	gap at MI
29/05/09	73746	00:40:56 - 00:42:17	gap at MM
29/05/09	73747	02:23:24 - 02:24:30	gap at MM
29/05/09	73752	10:50:52 - 10:52:17	gap at MM
29/05/09	73753	12:30:49 - 12:32:13	gap at MM
29/05/09	73754	14:10:32 - 14:12:09	gap at MM
29/05/09	73755	15:49:59 - 15:51:24	gap at MM
29/05/09	73756	17:29:12 - 17:31:44	gap at MM
29/05/09	73757	19:08:20 - 19:10:30	gap at MM
29/05/09	73748	03:27:20 - 03:29:48	gap at BE
29/05/09	73747	02:02:34 - 02:04:10	gap at SG
29/05/09	73748	03:38:16 - 03:40:42	gap at SG
29/05/09	73754	14:34:46 - 14:38:09	gap at SG
30/05/09	73760	23:57:58 - 00:12:29	gap at HO
30/05/09	73762	02:56:02 - 03:09:26	gap at BE
30/05/09	73762	04:03:27 - 04:15:52	gap at CM
30/05/09	73763	04:36:28 - 04:46:25	gap at BE
30/05/09	73763	05:16:55 - 05:22:42	gap at MM
30/05/09	73764	06:12:03 - 06:18:17	gap at KS
30/05/09	73764	06:39:43 - 06:49:24	gap at JO
30/05/09	73765	08:39:09 - 08:48:30	gap at MM
30/05/09	73765	08:15:39 - 08:30:41	gap at JO
30/05/09	73767	11:59:26 - 12:11:49	gap at MM
30/05/09	73768	13:03:45 - 13:13:29	gap at MS
30/05/09	73769	14:46:51 - 14:56:43	gap at MI
30/05/09	73769	14:40:00 - 14:50:53	gap at GS
30/05/09	73770	15:55:42 - 16:03:16	gap at BE
30/05/09	73770	16:24:45 - 16:37:46	gap at MI
30/05/09	73770	16:18:48 - 16:32:36	gap at GS
30/05/09	73770	16:27:25 - 16:39:50	gap at CM
30/05/09	73771	17:59:24 - 18:08:44	gap at GS
30/05/09	73771	19:00:16 - 19:06:30	gap at JO
30/05/09	73772	20:35:44 - 20:50:43	gap at JO
30/05/09	73773	21:51:29 - 22:00:32	gap at HO
30/05/09	73773	22:16:33 - 22:27:23	gap at JO
30/05/09	73774	23:26:55 - 23:41:11	gap at HO
30/05/09	73774	22:39:11 - 22:45:05	gap at MA
30/05/09	73765	07:51:01 - 07:53:23	gap at KS
30/05/09	73766	09:30:36 - 09:32:58	gap at KS
30/05/09	73767	11:10:11 - 11:12:33	gap at KS

30/05/09	73768	12:49:27 - 12:51:47	gap at KS
30/05/09	73769	14:28:14 - 14:30:40	gap at KS
30/05/09	73770	16:05:58 - 16:08:21	gap at KS
30/05/09	73761	00:54:01 - 00:55:53	gap at GS
30/05/09	73762	02:30:09 - 02:32:07	gap at GS
30/05/09	73763	04:10:51 - 04:12:41	gap at GS
30/05/09	73761	00:46:29 - 00:47:58	gap at MS
30/05/09	73767	11:23:09 - 11:25:39	gap at MS
30/05/09	73766	09:38:41 - 09:40:28	gap at MA
30/05/09	73762	02:26:35 - 02:28:16	gap at MI
30/05/09	73763	04:04:52 - 04:07:48	gap at MI
30/05/09	73760	00:08:57 - 00:10:20	gap at MM
30/05/09	73761	01:51:06 - 01:52:18	gap at MM
30/05/09	73762	03:34:05 - 03:35:09	gap at MM
30/05/09	73766	10:19:24 - 10:20:48	gap at MM
30/05/09	73768	13:39:14 - 13:40:37	gap at MM
30/05/09	73769	15:18:46 - 15:20:07	gap at MM
30/05/09	73769	14:12:39 - 14:15:09	gap at BE
30/05/09	73769	14:17:12 - 14:26:04	gap at BE
30/05/09	73762	03:07:12 - 03:09:19	gap at SG
30/05/09	73763	04:48:36 - 04:50:32	gap at SG
30/05/09	73768	14:05:37 - 14:07:27	gap at SG
30/05/09	73769	15:41:52 - 15:44:29	gap at SG
31/05/09	73775	01:06:59 - 01:20:11	gap at HO
31/05/09	73776	02:36:50 - 02:48:54	gap at SG
31/05/09	73776	03:32:40 - 03:44:24	gap at CM
31/05/09	73777	04:04:36 - 04:16:33	gap at BE
31/05/09	73777	04:15:48 - 04:28:08	gap at SG
31/05/09	73777	05:13:22 - 05:22:18	gap at CM
31/05/09	73779	08:07:34 - 08:16:11	gap at MM
31/05/09	73779	07:44:45 - 07:59:20	gap at JO
31/05/09	73780	09:25:13 - 09:37:43	gap at JO
31/05/09	73782	13:07:53 - 13:20:34	gap at MM
31/05/09	73783	14:57:09 - 15:06:27	gap at HO
31/05/09	73783	14:19:11 - 14:21:27	gap at MI
31/05/09	73783	14:09:41 - 14:18:45	gap at GS
31/05/09	73784	15:22:20 - 15:33:23	gap at BE
31/05/09	73784	16:26:52 - 16:39:25	gap at MM
31/05/09	73784	15:53:25 - 16:06:47	gap at MI
31/05/09	73784	15:47:32 - 16:01:27	gap at GS
31/05/09	73784	16:52:40 - 17:00:40	gap at SG
31/05/09	73784	15:56:31 - 16:08:20	gap at CM
31/05/09	73785	17:34:59 - 17:42:34	gap at MI
31/05/09	73785	17:27:34 - 17:39:04	gap at GS
31/05/09	73785	17:36:57 - 17:45:51	gap at CM
31/05/09	73786	18:50:20 - 18:54:34	gap at MA
31/05/09	73786	20:04:51 - 20:19:04	gap at JO
31/05/09	73787	20:23:10 - 20:36:57	gap at MA

31/05/09	73787	21:44:23 - 21:57:46	gap at JO
31/05/09	73788	22:56:27 - 23:09:45	gap at HO
31/05/09	73788	22:05:21 - 22:15:25	gap at MA
31/05/09	73789	23:40:45 - 23:53:43	gap at MS
31/05/09	73779	07:19:46 - 07:21:40	gap at KS
31/05/09	73780	08:59:17 - 09:01:38	gap at KS
31/05/09	73781	10:38:54 - 10:41:18	gap at KS
31/05/09	73782	12:18:18 - 12:20:39	gap at KS
31/05/09	73783	13:57:12 - 13:59:38	gap at KS
31/05/09	73784	15:35:15 - 15:37:49	gap at KS
31/05/09	73785	17:13:03 - 17:15:29	gap at KS
31/05/09	73786	18:51:11 - 18:53:24	gap at KS
31/05/09	73787	20:30:50 - 20:32:44	gap at KS
31/05/09	73788	22:12:30 - 22:14:26	gap at KS
31/05/09	73776	01:59:24 - 02:01:22	gap at GS
31/05/09	73777	03:38:38 - 03:40:22	gap at GS
31/05/09	73775	00:12:59 - 00:15:11	gap at MS
31/05/09	73781	10:52:20 - 10:54:48	gap at MS
31/05/09	73781	11:01:07 - 11:04:28	gap at MS
31/05/09	73782	12:31:36 - 12:34:08	gap at MS
31/05/09	73782	12:34:20 - 12:43:43	gap at MS
31/05/09	73788	22:02:36 - 22:04:47	gap at MS
31/05/09	73789	23:40:45 - 23:43:00	gap at MS
31/05/09	73780	09:07:51 - 09:08:56	gap at MA
31/05/09	73781	10:47:02 - 10:48:52	gap at MA
31/05/09	73776	01:57:32 - 01:58:44	gap at MI
31/05/09	73777	03:33:16 - 03:36:36	gap at MI
31/05/09	73775	01:18:53 - 01:20:08	gap at MM
31/05/09	73780	09:47:55 - 09:49:16	gap at MM
31/05/09	73781	11:28:01 - 11:29:16	gap at MM
31/05/09	73783	14:47:31 - 14:48:54	gap at MM
31/05/09	73785	18:06:01 - 18:08:44	gap at MM
31/05/09	73786	19:45:13 - 19:47:10	gap at MM
31/05/09	73787	21:24:51 - 21:26:59	gap at MM
31/05/09	73788	23:05:17 - 23:06:49	gap at MM
31/05/09	73776	02:24:58 - 02:27:30	gap at BE
31/05/09	73783	15:10:43 - 15:15:42	gap at SG

Lamp Failures: none

cooler switchings:

Date	Coolers off/on	Maximum detector warm up temperature [Kelvin]
05/05/09	11:35:04 (outside gs visibility) Off 16:00:04 On	FPA 1: 278.8 FPA 2: 279.6 FPA 3: 279.1 FPA 4: 279.5

22/0509 - 23/05/09	21:09:44 (outside gs visibility) Off 11:17:59 (outside gs visibility) On	FPA 1: 273.0 FPA 2: 274.0 FPA 3: 273.7 FPA 4: 274.0
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Timeline interruptions:

Date	Orbit No.	Duration	remark
24/05/09	73685	Start 11:31:31 Stop 12:26:55	GOME in Nadir Static View

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/05/09	73400 - 73410	~19:30 (04/05/09) - ~12:00 (05/05/09)	Narrow Swath Timeline GMNNOT41 executed
14-15/05/09	73544 - 73557	~21:00 (14/05/09) - ~18:00 (15/05/09)	Narrow Swath Timeline GMNNOT41 executed
24-25/05/09	73686 - 73699	~19:00 (24/05/09) - ~17:00 (25/05/09)	Narrow Swath Timeline GMNNOT41 executed

Commanding Problems - Incorrect Timelines Execution: none

Others:

Date	Orbit No.	Duration	remark
1/05/09	73358		GOME North Polar View operations end
05/05/09	73412		Calibration lamp instabilities: lampcal mode start 15:58:05 - stop 16:00:02 voltage at ca. 181 V instead of nominally 198V
04/05/09	73392	06:19:16	Corrupted products at GS anomalous values for most parameters
08/05/09	73454	14:41:38	Corrupted products at MI anomalous values for most parameters
16/05/09	73562	03:20:57	Corrupted products at MI anomalous values for most parameters
17/05/09	73576	02:36:34	Corrupted products at MI anomalous values for most parameters
17/05/09	73576	02:36:48	Corrupted products at MI anomalous values for most parameters
18/05/09	73592	05:38:13	Corrupted products at GS anomalous values for most parameters
28/05/09	73741	15:07:38	Corrupted products at SG anomalous values for most parameters



29/05/09	73754	14:33:12	Corrupted products at HL anomalous values for most parameters
29/05/09	73759	22:32:33	Corrupted products at HL anomalous values for most parameters
30/05/09	73761	01:43:50	Corrupted products at HL anomalous values for most parameters
30/05/09	73761	01:51:45	Corrupted products at HL