

GOME Operations during June 2005

Date	operations	remark
01/06/05	data available within visibility of groundstation	start of sun calibration: 18:39:45
02/06/05	data available within visibility of groundstation	start of sun calibration: 18:08:06
03/06/05	data available within visibility of groundstation	start of sun calibration: 17:36:26.76
04/06/05	data available within visibility of groundstation SEU	no solar calibration data available due to a SEU
05/06/05	data available within visibility of groundstation	start of sun calibration: 19:54:23.35
06/06/05	data available within visibility of groundstation	start of sun calibration: 19:22:43.79
07/06/05	data available within visibility of groundstation	start of sun calibration: 18:51:04.24
08/06/05	data available within visibility of groundstation	start of sun calibration: 18:19:24.67
09/06/05	data available within visibility of groundstation	start of sun calibration: 17:47:45.12
10/06/05	data available within visibility of groundstation	start of sun calibration: 17:16:05.55
11/06/05	data available within visibility of groundstation	start of sun calibration: 16:45:03.49
12/06/05	data available within visibility of groundstation	start of sun calibration: 19:34:05.64
13/06/05	data available within visibility of groundstation	start of sun calibration: 19:02:26.08
14/06/05	data available within visibility of groundstation	start of sun calibration: 18:30:48.29
15/06/05	data available within visibility of groundstation	start of sun calibration: 17:59:08.73
16/06/05	data available within visibility of groundstation	start of sun calibration: 17:27:29.16
17/06/05	data available within visibility of groundstation	start of sun calibration: 16:56:10.61
18/06/05	data available within visibility of groundstation	start of sun calibration: 19:45:29.25
19/06/05	data available within visibility of groundstation	start of sun calibration: 19:13:49.69
20/06/05	data available within visibility of groundstation	no solar calibration measurements available due to missing data
21/06/05	data available within visibility of groundstation	start of sun calibration: 18:10:36.57
22/06/05	data available within visibility of groundstation	start of sun calibration: 17:38:57.01
23/06/05	data available within visibility of groundstation	start of sun calibration: 17:07:23.45
24/06/05	data available within visibility of groundstation	start of sun calibration: 19:56:53.29
25/06/05	data available within visibility of groundstation	start of sun calibration: 19:25:19.73
26/06/05	data available within visibility of groundstation	start of sun calibration: 18:53:40.17
27/06/05	data available within visibility of groundstation	start of sun calibration: 18:22:06.61
28/06/05	data available within visibility of groundstation	start of sun calibration: 17:50:33.05
29/06/05	data available within visibility of groundstation	start of sun calibration: 17:18:53.49
30/06/05	data available within visibility of groundstation	start of sun calibration: 16:47:49.93

Anomalies:

single event upsets (SEU):

Date	reason
	on-board software problem caused anomaly (orbit 52928); 16:30 - 18:00
04/06/05	- scan mirror at 261.8 degree
	- no solar calibration measurements performed

list of datagaps:

Date	Orbit No.	duration	reason
01/06/05	52881	08:54:11 - 09:06:36	gap at MA
01/06/05	52889	21:49:57 - 22:01:35	gap at MA
02/06/05	52897	11:42:55 - 11:49:28	gap at MA
02/06/05	52902	19:38:48 - 19:50:55	gap at MA
02/06/05	52903	21:17:25 - 21:30:39	gap at MA
03/06/05	52917	20:45:44 - 20:59:26	gap at MA
03/06/05	52909	07:57:33 - 07:59:48	gap at MA
03/06/05	52916	19:17:48 - 19:18:51	gap at MA
04/06/05	52932	21:55:51 - 22:07:08	gap at MA
05/06/05	52940	11:48:56 - 11:54:34	gap at MA
05/06/05	52942	15:07:59 - 15:21:08	gap at GS
05/06/05	52945	19:44:18 - 19:56:44	gap at MA
06/06/05	52954	11:16:39 - 11:25:26	gap at MA
06/06/05	52960	20:51:24 - 21:05:07	gap at MA
06/06/05	52961	22:35:59 - 22:42:28	gap at MA
07/06/05	52968	10:44:09 - 10:55:39	gap at MA
07/06/05	52973	18:47:33 - 18:51:43	gap at MA
07/06/05	52975	22:01:51 - 22:12:40	gap at MA
08/06/05	52983	11:55:05 - 11:59:33	gap at MA
08/06/05	52989	21:28:58 - 21:42:02	gap at MA
08/06/05	52990	23:20:51 - 23:29:22	gap at KS
09/06/05	52994	06:14:50 - 06:21:16	gap at KS
09/06/05	52997	11:22:31 - 11:30:54	gap at MA
09/06/05	53003	20:57:07 - 21:10:47	gap at MA
09/06/05	53004	22:42:26 - 22:47:40	gap at MA
09/06/05	52997	11:38:06 - 11:39:12	gap at MS
09/06/05	52995	08:10:08 - 08:13:12	gap at MA
10/06/05	53016	18:53:07 - 18:57:26	gap at MA
10/06/05	53017	20:25:59 - 20:39:45	gap at MA
12/06/05	53040	11:28:24 - 11:36:24	gap at MA
12/06/05	53045	19:27:03 - 19:36:24	gap at MA
13/06/05	53059	18:58:20 - 19:03:08	gap at MA
13/06/05	53060	20:54:44 - 21:03:05	gap at PS
13/06/05	53061	22:14:23 - 22:23:39	gap at MA
14/06/05	53075	21:40:35 - 21:53:13	gap at MA
15/06/05	53083	11:34:12 - 11:41:40	gap at MA
16/06/05	53103	20:37:14 - 20:50:54	gap at MA
18/06/05	53126	11:40:00 - 11:46:53	gap at MA
18/06/05	53131	19:36:04 - 19:48:01	gap at MA
19/06/05	53145	19:08:33 - 19:15:54	gap at MA
19/06/05	53145	19:25:53 - 19:38:35	gap at PS
19/06/05	53147	22:26:36 - 22:34:29	gap at MA
20/06/05	53158	17:01:47 - 17:14:25	gap at KS

20/06/05	53159	18:39:54 - 18:53:39 gap at KS
20/06/05	53161	21:52:54 - 22:04:22 gap at MA
21/06/05	53169	11:45:54 - 11:52:02 gap at MA
21/06/05	53172	16:44:30 - 16:57:46 gap at GS
21/06/05	53174	20:03:04 - 20:14:20 gap at PS
21/06/05	53175	21:20:18 - 21:33:30 gap at MA
22/06/05	53189	20:48:34 - 21:02:17 gap at MA
22/06/05	53190	22:32:49 - 22:39:50 gap at MA
22/06/05	53181	22:32:49 - 22:39:50 gap at MA
23/06/05	53197	10:41:16 - 10:52:54 gap at MA
23/06/05	53203	20:17:34 - 20:31:22 gap at MA
24/06/05	53208	05:08:57 - 05:15:20 gap at BE
24/06/05	53212	11:51:59 - 11:57:05 gap at MA
24/06/05	53213	13:05:33 - 13:17:29 gap at BE
24/06/05	53214	15:49:59 - 16:02:35 gap at BE
24/06/05	53217	19:47:03 - 19:59:41 gap at MA
24/06/05	53206	01:54:02 - 01:59:44 gap at BE
24/06/05	53207	03:27:20 - 03:33:48 gap at BE
25/06/05	53221	02:56:02 - 03:09:26 gap at BE
25/06/05	53226	11:19:35 - 11:28:08 gap at MA
25/06/05	53227	12:35:42 - 12:45:36 gap at BE
25/06/05	53229	15:55:42 - 16:03:16 gap at BE
25/06/05	53231	19:19:03 - 19:27:39 gap at MA
25/06/05	53233	22:39:11 - 22:45:05 gap at MA
25/06/05	53229	16:32:35 - 16:37:46 gap at MI
25/06/05	53222	04:36:28 - 04:39:32 gap at BE
25/06/05	53228	14:23:10 - 14:26:04 gap at BE
26/06/05	53236	04:04:36 - 04:16:33 gap at BE
26/06/05	53240	10:47:02 - 10:58:23 gap at MA
26/06/05	53241	12:06:48 - 12:13:07 gap at BE
26/06/05	53243	15:22:20 - 15:33:23 gap at BE
26/06/05	53245	18:50:20 - 18:54:34 gap at MA
26/06/05	53247	22:05:21 - 22:15:25 gap at MA
26/06/05	53242	13:41:36 - 13:45:54 gap at BE
26/06/05	53242	13:52:51 - 13:54:46 gap at BE
27/06/05	53250	03:33:02 - 03:46:05 gap at BE
27/06/05	53251	05:15:01 - 05:20:24 gap at BE
27/06/05	53257	14:50:02 - 15:02:44 gap at BE
27/06/05	53260	20:14:31 - 20:25:15 gap at PS
27/06/05	53249	02:00:02 - 02:05:40 gap at BE
27/06/05	53256	13:11:03 - 13:15:15 gap at BE
27/06/05	53256	13:19:21 - 13:23:14 gap at BE
28/06/05	53263	01:24:10 - 01:32:33 gap at BE
28/06/05	53269	11:15:52 - 11:29:36 gap at KS
28/06/05	53269	11:25:28 - 11:33:40 gap at MA

28/06/05 53270 12:41:05 - 12:51:26 gap at BE
 28/06/05 53270 12:55:06 - 13:07:44 gap at KS
 28/06/05 53272 16:02:00 - 16:08:31 gap at BE
 28/06/05 53275 21:00:04 - 21:13:37 gap at MA
 28/06/05 53276 22:45:40 - 22:50:12 gap at MA
 28/06/05 53264 02:37:56 - 02:49:35 gap at GS
 28/06/05 53265 04:42:19 - 04:45:23 gap at BE
 28/06/05 53271 14:19:51 - 14:31:44 gap at BE
 29/06/05 53284 12:11:56 - 12:19:07 gap at BE
 29/06/05 53285 13:47:13 - 14:00:28 gap at BE
 29/06/05 53286 15:28:18 - 15:38:54 gap at BE
 29/06/05 53289 20:28:47 - 20:42:32 gap at MA
 29/06/05 53290 22:08:02 - 22:13:55 gap at MS
 29/06/05 53278 02:30:36 - 02:35:40 gap at BE
 29/06/05 53278 02:38:07 - 02:43:38 gap at BE
 29/06/05 53279 04:10:23 - 04:15:26 gap at BE
 30/06/05 53300 14:55:51 - 15:08:21 gap at BE
 30/06/05 53301 17:08:12 - 17:18:52 gap at MI
 30/06/05 53303 20:20:15 - 20:30:41 gap at PS
 30/06/05 53298 12:14:57 - 12:18:48 gap at MS
 30/06/05 53305 23:15:47 - 23:28:19 gap at MS

Lamp Failures: none

cooler switchings: none

timeline interruptions: (operations in nadir static view):

Date	Orbit No.	Duration	remark
21/06/05	53166	10:04:11 - 11:20:26	GOME Timeline stopped, instrument in Nadir Static View (see ER2-UNA 2005/015)

Narrow Swath Timeline:

Date	Orbit No.	Duration	remark
04-05/06/05	52929 - 52945	~18:45 (04/06/05) - ~19:30 (05/06/05)	Narrow Swath Timeline GMNNOT41 executed
14-15/06/05	53074 - 53087	~20:00 (14/06/05) - ~18:00 (15/06/05)	Narrow Swath Timeline GMNNOT41 executed
24-25/06/05	53217- 53230	~21:30 (24/06/05) - ~19:00 (25/06/05)	Narrow Swath Timeline GMNNOT41 executed

others:

Date	Orbit No.	Duration	remark
24/06/05	n/a	n/a	operational acquisition at BE (Beijing) and MI (Miami) started