

## GOME Operations during July 2003

Date	operations	remark
01/07/03	data available within visibility of ground stations (see others)	start of sun calibration: cannot be analysed due to data unavailability; solar calibration data available during 15:53:00 - 15:53:33 (TST44 warm detectors T = 247.0 K)
02/07/03	data available within visibility of ground stations (see others)	no solar calibration data available
03/07/03	no data due to tape recorder failure	no solar calibration data available
04/07/03	no data due to tape recorder failure	no solar calibration data available
05/07/03	no data due to tape recorder failure	no solar calibration data available
06/07/03	no data due to tape recorder failure	no solar calibration data available
07/07/03	no data due to tape recorder failure	no solar calibration data available
08/07/03	no data due to tape recorder failure	no solar calibration data available
09/07/03	no data due to tape recorder failure	no solar calibration data available
10/07/03	no data due to tape recorder failure	no solar calibration data available
11/07/03	no data due to tape recorder failure	no solar calibration data available
12/07/03	no data due to tape recorder failure	no solar calibration data available
13/07/03	no data due to tape recorder failure	no solar calibration data available
14/07/03	no data due to tape recorder failure	no solar calibration data available
15/07/03	no data due to tape recorder failure	no solar calibration data available
16/07/03	data available within visibility of groundstations	no solar calibration data available
17/07/03	data available within visibility of groundstations	no solar calibration data available
18/07/03	data available within visibility of groundstations	no solar calibration data available
19/07/03	data available within visibility of groundstations	no solar calibration data available
20/07/03	data available within visibility of groundstations	no solar calibration data available
21/07/03	data available within visibility of groundstations	no solar calibration data available
22/07/03	data available within visibility of groundstations	no solar calibration data available
23/07/03	data available within visibility of groundstations	no solar calibration data available
24/07/03	data available within visibility of groundstations	no solar calibration data available
25/07/03	data available within visibility of groundstations	no solar calibration data available
26/07/03	data available within visibility of groundstations	no solar calibration data available
27/07/03	data available within visibility of groundstations monthly calibration performed  during Orbits 43236 - 43241	no solar calibration data available
28/07/03	(calibration lamp measurements available)  two Orbits in Nadir Static View  43233, 43234	no solar calibration data available
29/07/03	data available within visibility of groundstations	no solar calibration data available
30/07/03	data available within visibility of groundstations	no solar calibration data available
31/07/03	data available within visibility of groundstations	no solar calibration data available

## Anomalies:

single event upsets (SEU): none

list of datagaps:

Date	Orbit No.	duration	reason
22/06/03 - 01/07/03	42748 - 42849	13:59:44 (22/06/03) - 14:14:59 (01/07/03)	IDHT Tape recorder A switched off due to motor overcurrent, (see ER-UNA-2003/025)
02/07/03 - 15/07/03	42860 and following	07:15:15 (02/07/03) and following	recording capabilities permanently unavailable
19/07/03	43102		no data received for PS
20/07/03	43117		no data received for PS

**data available within visibility of groundstations:**

Date	Orbit No.	duration
01/07/03	42849	14:14:59 - 14:25:48
	42850	15:53:00 - 16:03:51
	42851	17:30:37 - 17:42:38
	42852	19:08:58 - 19:22:00
	42853	20:48:57 - 21:02:56
	42854	22:20:50 - 22:31:02
	42854	22:31:20 - 22:41:10
02/07/03	42855	23:58:39 - 00:10:27
	42856	01:47:44 - 01:58:08
	42857	03:24:31 - 03:37:49
	42858	05:07:15 - 05:20:45
	42859	07:06:54 - 07:15:15
		02:44:36 - 02:58:10
		04:26:24 - 04:36:39
		06:08:25 - 06:20:10
		08:06:17 - 08:17:30
		09:45:44 - 09:58:43
16/07/03	43057 - 43069	11:27:20 - 11:38:05
		13:04:32 - 13:16:07
		14:43:07 - 14:53:51
		16:20:54 - 16:32:05
		17:58:39 - 18:11:06
		19:37:24 - 19:50:32
	21:17:59 - 21:30:08	

22:47:04 - 22:59:51

00:28:44 - 00:38:16

02:13:43 - 02:26:49

03:53:41 - 04:06:03

05:36:12 - 05:49:03

07:35:08 - 07:45:14

09:14:26 - 09:27:10

10:54:01 - 11:07:00

17/07/03 43070 - 43084

12:33:25 - 12:45:22

14:12:15 - 14:23:06

15:50:14 - 16:01:09

17:27:52 - 17:39:55

19:06:12 - 19:19:15

20:46:08 - 20:58:50

22:28:25 - 22:38:24

23:55:47 - 00:07:39 (18/07/03)

01:42:10 - 01:42:20

01:42:22 - 01:56:30

03:21:42 - 03:35:06

05:03:41 - 05:18:04

07:04:09 - 07:12:22

08:43:11 - 08:49:00

08:49:02 - 08:55:26

18/07/03 43085 - 43099

10:22:43 - 10:35:51

12:02:14 - 12:14:35

13:41:16 - 13:52:23

15:19:31 - 15:30:15

16:57:09 - 17:08:44

18:35:10 - 18:48:01

20:14:32 - 20:27:33

21:55:58 - 22:07:08

23:23:52 - 23:36:48

01:13:27 - 01:23:41  
02:50:16 - 03:03:57

04:31:00 - 04:42:11

08:11:57 - 08:23:24

09:51:26 - 10:04:29

11:30:58 - 11:43:40

13:10:12 - 13:21:42

14:48:44 - 14:59:26

16:26:30 - 16:37:45

18:04:17 - 18:16:47

19:43:07 - 19:56:13

21:23:48 - 21:35:50

22:53:20 - 23:05:37

00:34:58 - 00:43:31

02:19:33 - 02:32:36

03:58:31 - 04:11:40

07:40:47 - 07:51:05

09:20:09 - 09:32:56

10:59:43 - 11:12:41

12:39:04 - 12:51:00

14:17:51 - 14:28:43

15:55:49 - 16:06:43

17:33:29 - 17:45:35

19:11:52 - 19:24:55

20:51:55 - 21:04:33

22:34:21 - 22:45:19

00:01:41 - 00:13:12

01:48:48 - 02:01:06

03:27:29 - 03:40:40

05:10:12 - 05:23:34

07:09:46 - 07:18:16

19/07/03 43100 - 43112

20/07/03 43113 - 43127

21/07/03 43128 - 43143

08:48:52 - 09:01:09

10:28:26 - 10:41:30

12:07:53 - 12:20:10

13:46:55 - 13:57:56

15:25:08 - 15:35:49

17:02:45 - 17:14:25

18:40:48 - 18:53:38

20:20:16 - 20:33:13

22:01:51 - 22:12:46

23:29:36 - 23:42:25

01:18:55 - 01:29:27

02:55:56 - 03:09:36

04:38:37 - 04:47:43

06:20:18 - 06:31:16

08:17:38 - 08:29:11

09:57:07 - 10:10:13

11:36:39 - 11:49:17

22/07/03 43144 - 43156

13:15:52 - 13:27:17

14:54:21 - 15:05:02

16:32:04 - 16:43:22

18:09:52 - 18:22:25

19:48:48 - 20:01:54

21:29:38 - 21:41:31

22:58:18 - 23:11:18

00:41:21 - 00:48:49

02:25:30 - 02:38:19

04:05:29 - 04:17:15

05:47:50 - 06:00:22

23/07/03 43157 - 43170

07:46:27 - 07:57:02

09:25:50 - 09:38:41

11:05:24 - 11:18:18

12:44:45 - 12:56:35

14:23:29 - 14:34:16

16:01:24 - 16:12:23

17:39:04 - 17:51:14

19:17:33 - 19:30:36

20:57:42 - 21:10:15

22:40:19 - 22:49:44

00:07:37 - 00:18:45

01:54:19 - 02:06:49

03:33:15 - 03:46:24

07:15:23 - 07:24:28

08:54:33 - 09:06:59

10:34:07 - 10:47:11

12:13:34 - 12:25:46

24/07/03 43171 - 43186

13:52:33 - 14:03:33

15:30:43 - 15:41:27

17:08:20 - 17:20:05

18:46:26 - 18:59:20

20:26:00 - 20:38:54

22:07:44 - 22:18:29

23:35:23 - 23:48:02

01:24:44 - 01:35:15

03:01:38 - 03:15:19

04:43:06 - 04:54:25

06:26:15 - 06:36:53

08:23:19 - 08:35:06

25/07/03 43187 - 43200

10:02:50 - 10:15:56

11:42:20 - 11:54:55

13:21:31 - 13:32:54

14:59:56 - 15:09:20

15:09:21 - 15:10:39

16:37:38 - 16:49:01

18:15:30 - 18:28:08

19:54:31 - 20:07:37

21:35:27 - 21:47:13

23:03:56 - 23:17:02

00:54:52 - 01:03:24

02:30:30 - 02:45:08

04:10:10 - 04:22:46

05:53:43 - 06:06:00

07:52:06 - 08:02:53

09:31:31 - 09:44:27

11:11:05 - 11:24:00

26/07/03 43201 - 43213

12:50:25 - 13:02:11

14:29:06 - 14:39:54

16:06:59 - 16:18:01

17:44:40 - 17:56:54

19:23:12 - 19:36:20

21:03:29 - 21:15:55

22:33:10 - 22:45:28

00:13:35 - 00:25:54

01:59:50 - 02:12:36

03:39:05 - 03:52:02

05:21:43 - 05:34:55

07:21:01 - 07:30:24

09:00:14 - 09:12:46

27/07/03 43214 - 43228

10:39:48 - 10:52:51

12:19:15 - 12:31:24

13:58:10 - 14:09:08

15:36:18 - 15:47:03

17:13:54 - 17:25:46

18:52:06 - 19:05:00

20:31:45 - 20:44:35

22:13:37 - 22:24:11

23:41:15 - 23:53:40

01:29:39 - 01:42:08

03:07:21 - 03:16:06

03:16:07 - 03:20:54

04:50:11 - 05:03:44

06:50:10 - 06:57:25

08:28:58 - 08:40:54

10:08:31 - 10:21:37

11:48:01 - 12:00:31

13:27:09 - 13:38:27

15:05:32 - 15:16:14

16:43:13 - 16:54:40

18:21:07 - 18:33:44

20:00:13 - 20:13:19

21:41:17 - 21:52:55

23:09:37 - 23:22:40

01:00:09 - 01:09:12

02:36:08 - 02:49:38

04:17:24 - 04:28:25

05:59:35 - 06:11:38

07:57:46 - 08:08:45

09:37:12 - 09:50:11

11:16:46 - 11:29:37

12:56:04 - 13:07:46

14:34:42 - 14:45:26

16:12:33 - 16:23:36

17:50:15 - 18:02:33

19:28:53 - 19:41:59

21:09:16 - 21:21:34

28/07/03 43229 - 43242

29/07/03 43243 - 43255



22:38:42 - 22:51:12

00:19:37 - 00:29:51  
02:05:21 - 02:18:14

03:44:53 - 03:57:40

05:27:30 - 05:40:34

07:26:40 - 07:36:22

09:05:55 - 09:18:34

10:45:29 - 10:58:30

30/07/03 43256 - 43271

12:24:55 - 12:37:01

14:03:48 - 14:14:42

15:41:52 - 15:52:43

17:19:30 - 17:31:24

18:57:44 - 19:10:42

20:37:29 - 20:50:20

22:19:31 - 22:29:51

23:47:00 - 23:59:18

01:35:06 - 01:47:53

03:13:03 - 03:26:36

04:55:05 - 05:09:23

06:55:45 - 07:03:23

08:34:38 - 08:46:41

10:14:12 - 10:27:18

11:53:41 - 12:06:12

31/07/03 43272 - 43285

13:32:47 - 13:44:02

15:11:07 - 15:21:50

16:48:47 - 17:00:20

18:26:44 - 18:39:26

20:05:55 - 20:18:58

21:47:09 - 21:58:35

23:15:17 - 23:28:17

cooler switchings:

Date	coolers off/on	maximum detector warm up temperature [Kelvin]
01/07/03	15:53:00 off 15:55:32 on	FPA 1: 247.9 FPA 2: 247.7 FPA 3: 247.7 FPA 4: 247.6
	note, exact start time cannot be given due to data unavailability	

timeline interruptions: (operations in nadir static view): none

Narrow Swath Timeline: none

others: none