

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3 (2008)
Time of Report Generation	01-JUN-2009
Start Time of First Product	03:35:33
Stop Time of Last Product	23:25:30
Total Number of EGOI Products	43
Number of corrupted products	--
Anomalies and/or Special Operations	--

1.2 - Products used in this report

Name	Date	Time
EGOI_090601BEEP0046.E2	01-JUN-2009	03:35:33.188
EGOI_090601GSEP1370.E2	01-JUN-2009	01:30:56.435
EGOI_090601GSEP1396.E2	01-JUN-2009	03:08:46.524
EGOI_090601GSEP1404.E2	01-JUN-2009	04:51:42.649
EGOI_090601HLEP1032.E2	01-JUN-2009	14:27:50.657
EGOI_090601HLEP1039.E2	01-JUN-2009	22:28:38.576
EGOI_090601KSEP4193.E2	01-JUN-2009	06:50:23.879
EGOI_090601KSEP4198.E2	01-JUN-2009	08:30:18.485
EGOI_090601KSEP4216.E2	01-JUN-2009	10:09:59.592

EGOI_090601KSEP4236.E2	01-JUN-2009	11:49:33.194
EGOI_090601KSEP4252.E2	01-JUN-2009	13:28:30.801
EGOI_090601KSEP4276.E2	01-JUN-2009	15:07:13.395
EGOI_090601KSEP4293.E2	01-JUN-2009	16:44:42.486
EGOI_090601KSEP4321.E2	01-JUN-2009	18:22:40.081
EGOI_090601KSEP4339.E2	01-JUN-2009	20:01:22.683
EGOI_090601KSEP4362.E2	01-JUN-2009	21:42:15.797
EGOI_090601KSEP4386.E2	01-JUN-2009	23:25:29.920
EGOI_090601MAEP0148.E2	01-JUN-2009	08:38:18.536
EGOI_090601MAEP0160.E2	01-JUN-2009	10:17:26.639
EGOI_090601MAEP0171.E2	01-JUN-2009	19:55:01.644
EGOI_090601MAEP0190.E2	01-JUN-2009	21:34:17.247
EGOI_090601MIEP9900.E2	01-JUN-2009	03:04:07.497
EGOI_090601MIEP9912.E2	01-JUN-2009	04:44:54.614
EGOI_090601MIEP9919.E2	01-JUN-2009	15:24:14.997
EGOI_090601MIEP9942.E2	01-JUN-2009	17:03:59.103
EGOI_090601MMEP4613.E2	01-JUN-2009	00:48:06.669
EGOI_090601MMEP4618.E2	01-JUN-2009	02:30:23.794
EGOI_090601MMEP4627.E2	01-JUN-2009	10:57:58.381
EGOI_090601MMEP4636.E2	01-JUN-2009	12:37:57.491
EGOI_090601MMEP4641.E2	01-JUN-2009	14:17:38.595
EGOI_090601MMEP4647.E2	01-JUN-2009	15:57:04.700
EGOI_090601MMEP4653.E2	01-JUN-2009	17:37:29.307
EGOI_090601MMEP4660.E2	01-JUN-2009	20:55:14.008
EGOI_090601MMEP4668.E2	01-JUN-2009	22:35:20.615
EGOI_090601MSEP5378.E2	31-MAY-2009	23:43:00.278
EGOI_090601MSEP5400.E2	01-JUN-2009	10:24:37.182
EGOI_090601MSEP5428.E2	01-JUN-2009	12:02:30.272
EGOI_090601MSEP5441.E2	01-JUN-2009	13:45:09.895
EGOI_090601MSEP5456.E2	01-JUN-2009	21:35:05.251
EGOI_090601MSEP5482.E2	01-JUN-2009	23:11:31.341
EGOI_090601SGEP7307.E2	01-JUN-2009	02:17:02.708
EGOI_090601SGEP7312.E2	01-JUN-2009	14:44:20.759
EGOI_090601SGEP7319.E2	01-JUN-2009	16:22:06.353

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	73793	01-JUN-2009	06:48:37.304	06:50:23.879	106.57500
KS	73794	01-JUN-2009	08:27:59.477	08:30:18.484	139.00700
KS	73795	01-JUN-2009	10:07:37.141	10:09:59.592	142.45100
KS	73796	01-JUN-2009	11:47:06.732	11:49:33.193	146.46100
KS	73797	01-JUN-2009	13:26:10.315	13:28:30.800	140.48500

KS	73798	01-JUN-2009	15:04:40.376	15:07:13.395	153.01900
KS	73799	01-JUN-2009	16:42:16.751	16:44:42.485	145.73400
KS	73800	01-JUN-2009	18:20:12.467	18:22:40.081	147.61400
KS	73801	01-JUN-2009	19:59:19.786	20:01:22.683	122.89700
KS	73802	01-JUN-2009	21:40:17.746	21:42:15.796	118.05000
KS	73803	01-JUN-2009	23:23:52.104	23:25:29.920	97.816000
GS	73790	01-JUN-2009	01:29:07.976	01:30:56.434	108.45800
GS	73791	01-JUN-2009	03:06:58.007	03:08:46.523	108.51600
MS	73795	01-JUN-2009	10:22:09.934	10:24:37.181	147.24700
MS	73796	01-JUN-2009	12:00:02.599	12:02:30.272	147.67300
MS	73803	01-JUN-2009	23:09:13.938	23:11:31.340	137.40200
MA	73794	01-JUN-2009	08:36:49.281	08:38:18.535	89.254000
MA	73795	01-JUN-2009	10:15:42.575	10:17:26.639	104.06400
MA	73801	01-JUN-2009	19:52:34.104	19:55:01.643	147.53900
MA	73802	01-JUN-2009	21:31:52.262	21:34:17.246	144.98400
MI	73791	01-JUN-2009	03:02:18.189	03:04:07.497	109.30800
MI	73792	01-JUN-2009	04:43:19.245	04:44:54.614	95.369000
MI	73798	01-JUN-2009	15:22:32.308	15:24:14.997	102.68900
MI	73799	01-JUN-2009	17:02:20.784	17:03:59.103	98.319000
MM	73789	01-JUN-2009	00:46:46.427	00:48:06.669	80.242000
MM	73790	01-JUN-2009	02:29:17.533	02:30:23.794	66.261000
MM	73795	01-JUN-2009	10:56:35.502	10:57:58.380	82.878000
MM	73796	01-JUN-2009	12:36:32.164	12:37:57.490	85.326000
MM	73797	01-JUN-2009	14:16:14.342	14:17:38.595	84.253000
MM	73798	01-JUN-2009	15:55:40.301	15:57:04.700	84.399000
MM	73799	01-JUN-2009	17:34:52.040	17:37:29.306	157.26600
MM	73801	01-JUN-2009	20:53:28.611	20:55:14.007	105.39600
MM	73802	01-JUN-2009	22:33:37.765	22:35:20.614	102.84900
BE	73791	01-JUN-2009	03:33:02.940	03:35:33.188	150.24800
SG	73797	01-JUN-2009	14:40:14.106	14:44:20.758	246.65200
SG	73798	01-JUN-2009	16:19:34.252	16:22:06.353	152.10100

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	73789	31-MAY-2009	23:57:17.098	00:03:03.084	345.98600

BE	73790	01-JUN-2009	01:54:15.451	02:05:40.705	685.25400
MM	73791	01-JUN-2009	04:12:22.873	04:18:44.837	381.96400
SG	73791	01-JUN-2009	03:43:59.164	03:57:41.759	822.59500
CM	73791	01-JUN-2009	03:02:46.601	03:12:16.324	569.72300
CM	73791	01-JUN-2009	04:40:45.968	04:52:20.368	694.40000
MM	73792	01-JUN-2009	05:54:49.147	06:00:46.352	357.20500
MM	73793	01-JUN-2009	07:35:57.357	07:43:49.139	471.78200
JO	73793	01-JUN-2009	07:14:27.024	07:27:36.794	789.77000
MM	73794	01-JUN-2009	09:16:25.383	09:26:35.262	609.87900
JO	73794	01-JUN-2009	08:52:56.149	09:07:17.218	861.06900
BE	73798	01-JUN-2009	14:50:02.057	15:02:44.921	762.86400
GS	73798	01-JUN-2009	15:16:26.448	15:29:50.875	804.42700
CM	73798	01-JUN-2009	15:26:21.968	15:35:56.682	574.71400
GS	73799	01-JUN-2009	16:55:57.758	17:08:52.617	774.85900
CM	73799	01-JUN-2009	17:04:40.587	17:16:08.682	688.09500
MM	73800	01-JUN-2009	19:14:01.082	19:26:40.143	759.06100
JO	73800	01-JUN-2009	19:34:30.295	19:46:40.983	730.68800
JO	73801	01-JUN-2009	21:12:43.221	21:27:24.101	880.88000

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1.5 - List of corrupted products

Station	Orbit	Time
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2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	OK
Polarization Detectors	OK

FPA Temperatures A	OK
FPA Temperaturas B	OK
Charge Amp Temperatures	OK
Other Temperatures A	OK
DDHU Temperatures	OK
Optical Bench Temperatures	OK
Other Temperatures B	OK
Calibration Lamp and Instr. Status 3	OK
Scan Mirror and Motor Current	OK
Selected Temperature A	OK
Selected Temperature B	Ok
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

2.2 - Daily Plots

The images linked below provide a quick check on the data coverage and instrument performance. All data are UNCALIBRATED. For the explanation see the GOME Performance Legend

PLOTS NA

3 - Instrument Calibration

3.1 - Solar Calibration (Daily/TST44)

Daily(D)/TST44(T)	Start Time	End Time (T)	Orbit	Ground Station Visibility (Y/NS/NE)	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	NA	--	73799	--	--	14445

3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(D)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility (Y/NS/NE)	Warm Detector Temperature (TST/44)	Lamp Instability Voltage (if any) (V)	Lamp Failure N. (if any)
--	--	--	--	--	--	--	--

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4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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4.2 - Instrument Off

Start Time	End Time	Start Orbit	Orbit End	MPS Resumption	Ground Station Visibility (Y/NS/NE)

--	--	--	--	--	--
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4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

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5 - Instrument Operations

5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility (Y/NS/NE)
--	--	--

5.3 - Power Cycle

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	Orbit End
--	--	--	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	Orbit End
--	--	--	--

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Summary of Anomalies:

station info

KS orbit 73789 EGOI data missing 31-MAY-2009 23:57:17.098 - 01-JUN-2009 00:03:03.084	345.98600 [sec]
BE orbit 73790 EGOI data missing 01-JUN-2009 01:54:15.451 - 01-JUN-2009 02:05:40.705	685.25400 [sec]
MM orbit 73791 EGOI data missing 01-JUN-2009 04:12:22.873 - 01-JUN-2009 04:18:44.837	381.96400 [sec]
SG orbit 73791 EGOI data missing 01-JUN-2009 03:43:59.164 - 01-JUN-2009 03:57:41.759	822.59500 [sec]
CM orbit 73791 EGOI data missing 01-JUN-2009 03:02:46.601 - 01-JUN-2009 03:12:16.324	569.72300 [sec]
CM orbit 73791 EGOI data missing 01-JUN-2009 04:40:45.968 - 01-JUN-2009 04:52:20.368	694.40000 [sec]
MM orbit 73792 EGOI data missing 01-JUN-2009 05:54:49.147 - 01-JUN-2009 06:00:46.352	357.20500 [sec]
MM orbit 73793 EGOI data missing 01-JUN-2009 07:35:57.357 - 01-JUN-2009 07:43:49.139	471.78200 [sec]
JO orbit 73793 EGOI data missing 01-JUN-2009 07:14:27.024 - 01-JUN-2009 07:27:36.794	789.77000 [sec]
MM orbit 73794 EGOI data missing 01-JUN-2009 09:16:25.383 - 01-JUN-2009 09:26:35.262	609.87900 [sec]
JO orbit 73794 EGOI data missing 01-JUN-2009 08:52:56.149 - 01-JUN-2009 09:07:17.218	861.06900 [sec]
BE orbit 73798 EGOI data missing 01-JUN-2009 14:50:02.057 - 01-JUN-2009 15:02:44.921	762.86400 [sec]
GS orbit 73798 EGOI data missing 01-JUN-2009 15:16:26.448 - 01-JUN-2009 15:29:50.875	804.42700 [sec]
CM orbit 73798 EGOI data missing 01-JUN-2009 15:26:21.968 - 01-JUN-2009 15:35:56.682	574.71400 [sec]
GS orbit 73799 EGOI data missing 01-JUN-2009 16:55:57.758 - 01-JUN-2009 17:08:52.617	774.85900 [sec]
CM orbit 73799 EGOI data missing 01-JUN-2009 17:04:40.587 - 01-JUN-2009 17:16:08.682	688.09500 [sec]
MM orbit 73800 EGOI data missing 01-JUN-2009 19:14:01.082 - 01-JUN-2009 19:26:40.143	759.06100 [sec]
JO orbit 73800 EGOI data missing 01-JUN-2009 19:34:30.295 - 01-JUN-2009 19:46:40.983	730.68800 [sec]
JO orbit 73801 EGOI data missing 01-JUN-2009 21:12:43.221 - 01-JUN-2009 21:27:24.101	880.88000 [sec]
KS orbit 73793 EGOI data gap 01-JUN-2009 06:48:37.304 - 01-JUN-2009 06:50:23.879	106.57500 [sec]
KS orbit 73794 EGOI data gap 01-JUN-2009 08:27:59.477 - 01-JUN-2009 08:30:18.484	139.00700 [sec]
KS orbit 73795 EGOI data gap 01-JUN-2009 10:07:37.141 - 01-JUN-2009 10:09:59.592	142.45100 [sec]
KS orbit 73796 EGOI data gap 01-JUN-2009 11:47:06.732 - 01-JUN-2009 11:49:33.193	146.46100 [sec]
KS orbit 73797 EGOI data gap 01-JUN-2009 13:26:10.315 - 01-JUN-2009 13:28:30.800	140.48500 [sec]
KS orbit 73798 EGOI data gap 01-JUN-2009 15:04:40.376 - 01-JUN-2009 15:07:13.395	153.01900 [sec]
KS orbit 73799 EGOI data gap 01-JUN-2009 16:42:16.751 - 01-JUN-2009 16:44:42.485	145.73400 [sec]
KS orbit 73800 EGOI data gap 01-JUN-2009 18:20:12.467 - 01-JUN-2009 18:22:40.081	147.61400 [sec]
KS orbit 73801 EGOI data gap 01-JUN-2009 19:59:19.786 - 01-JUN-2009 20:01:22.683	122.89700 [sec]
KS orbit 73802 EGOI data gap 01-JUN-2009 21:40:17.746 - 01-JUN-2009 21:42:15.796	118.05000 [sec]
KS orbit 73803 EGOI data gap 01-JUN-2009 23:23:52.104 - 01-JUN-2009 23:25:29.920	97.816000 [sec]
GS orbit 73790 EGOI data gap 01-JUN-2009 01:29:07.976 - 01-JUN-2009 01:30:56.434	108.45800 [sec]
GS orbit 73791 EGOI data gap 01-JUN-2009 03:06:58.007 - 01-JUN-2009 03:08:46.523	108.51600 [sec]
MS orbit 73795 EGOI data gap 01-JUN-2009 10:22:09.934 - 01-JUN-2009 10:24:37.181	147.24700 [sec]
MS orbit 73796 EGOI data gap 01-JUN-2009 12:00:02.599 - 01-JUN-2009 12:02:30.272	147.67300 [sec]
MS orbit 73803 EGOI data gap 01-JUN-2009 23:09:13.938 - 01-JUN-2009 23:11:31.340	137.40200 [sec]
MA orbit 73794 EGOI data gap 01-JUN-2009 08:36:49.281 - 01-JUN-2009 08:38:18.535	89.254000 [sec]
MA orbit 73795 EGOI data gap 01-JUN-2009 10:15:42.575 - 01-JUN-2009 10:17:26.639	104.06400 [sec]
MA orbit 73801 EGOI data gap 01-JUN-2009 19:52:34.104 - 01-JUN-2009 19:55:01.643	147.53900 [sec]
MA orbit 73802 EGOI data gap 01-JUN-2009 21:31:52.262 - 01-JUN-2009 21:34:17.246	144.98400 [sec]
MI orbit 73791 EGOI data gap 01-JUN-2009 03:02:18.189 - 01-JUN-2009 03:04:07.497	109.30800 [sec]
MI orbit 73792 EGOI data gap 01-JUN-2009 04:43:19.245 - 01-JUN-2009 04:44:54.614	95.369000 [sec]
MI orbit 73798 EGOI data gap 01-JUN-2009 15:22:32.308 - 01-JUN-2009 15:24:14.997	102.68900 [sec]
MI orbit 73799 EGOI data gap 01-JUN-2009 17:02:20.784 - 01-JUN-2009 17:03:59.103	98.319000 [sec]
MM orbit 73789 EGOI data gap 01-JUN-2009 00:46:46.427 - 01-JUN-2009 00:48:06.669	80.242000 [sec]
MM orbit 73790 EGOI data gap 01-JUN-2009 02:29:17.533 - 01-JUN-2009 02:30:23.794	66.261000 [sec]
MM orbit 73795 EGOI data gap 01-JUN-2009 10:56:35.502 - 01-JUN-2009 10:57:58.380	82.878000 [sec]
MM orbit 73796 EGOI data gap 01-JUN-2009 12:36:32.164 - 01-JUN-2009 12:37:57.490	85.326000 [sec]
MM orbit 73797 EGOI data gap 01-JUN-2009 14:16:14.342 - 01-JUN-2009 14:17:38.595	84.253000 [sec]
MM orbit 73798 EGOI data gap 01-JUN-2009 15:55:40.301 - 01-JUN-2009 15:57:04.700	84.399000 [sec]
MM orbit 73799 EGOI data gap 01-JUN-2009 17:34:52.040 - 01-JUN-2009 17:37:29.306	157.26600 [sec]
MM orbit 73801 EGOI data gap 01-JUN-2009 20:53:28.611 - 01-JUN-2009 20:55:14.007	105.39600 [sec]
MM orbit 73802 EGOI data gap 01-JUN-2009 22:33:37.765 - 01-JUN-2009 22:35:20.614	102.84900 [sec]
BE orbit 73791 EGOI data gap 01-JUN-2009 03:33:02.940 - 01-JUN-2009 03:35:33.188	150.24800 [sec]
SG orbit 73797 EGOI data gap 01-JUN-2009 14:40:14.106 - 01-JUN-2009 14:44:20.758	246.65200 [sec]
SG orbit 73798 EGOI data gap 01-JUN-2009 16:19:34.252 - 01-JUN-2009 16:22:06.353	152.10100 [sec]

instrument info

EGOI

- 1 - complete solar calibration measurements available
 - start time not available due to missing data, orbit 73799,
 - (increase of intensity of PMD readouts during available
 - solar calibration measurements data:
 - 14445 BU ->PMD2 readouts analysed with ERGO.

Station ID	see above
MPH Product Confidence	OK
SPH Window Information	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror Position	OK
Polarisation Detectors	OK
FPA Temperatures A	OK
FPA Temperatures B	OK
Charge Amp Temperatures	OK
Other Temperatures A	OK
DDHU Temperatures	OK
Optical Bench Temperatures	OK
Other Temperatures B	OK
Calibr. Lamp and Instr. Status 3	OK
Scan Mirror Motor Current	OK
Selected Temperature A	OK
Selected Temperature B	OK
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log pages	OK
331/318 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK