

GOME Daily Report

INDEX

1. [General Info](#)
 - 1.1 [Report Summary](#)
 - 1.2 [List of received products](#)
 - 1.3 [List of data gaps](#)
 - 1.4 [List of missing products](#)
 - 1.5 [List of corrupted products](#)
2. [Instrument Indicators and Daily Plots](#)
 - 2.1 [Instrument Indicators Status](#)
 - 2.2 [Daily Plots](#)
3. [Instrument Calibration](#)
 - 3.1 [Solar Calibration \(daily/TST44\)](#)
 - 3.2 [Lamp Calibration \(quarterly/TST44\)](#)
4. [Instrument Anomalies](#)
 - 4.1 [Single Event Upset \(SEU\)](#)
 - 4.2 [Instrument Off](#)
 - 4.3 [Cooler Switchings](#)
5. [Instrument Operations](#)
 - 5.1 [Timeline Interruptions](#)
 - 5.2 [TST44](#)
 - 5.3 [Power Cycle](#)
 - 5.4 [Wrong Command Execution](#)
 - 5.5 [Narrow Swath Timeline](#)
 - 5.6 [Seasonal Operations](#)

1 - General Info

1.1 - Report Summary

| Item | Value |
|-------------------------------------|--------------|
| Report Version | GOMEver3_3 |
| Report of Day | 11-JUN-2011 |
| Start Time of First Product | 00:24:03 |
| Stop Time of Last Product | 22:35:51 |
| Number of EGOI Products analysed | 36 |
| Number of corrupted products | -- |
| Anomalies and/or Special Operations | Nominal Data |

1.2 - List of received products

| Name | Date | Time |
|------------------------|-------------|--------------|
| EGOI_110611CMEP7245.E2 | 11-JUN-2011 | 05:23:04.671 |
| EGOI_110611CMEP7251.E2 | 11-JUN-2011 | 16:04:56.583 |
| EGOI_110611CMEP7260.E2 | 11-JUN-2011 | 17:45:34.697 |
| EGOI_110611GSEP4178.E2 | 11-JUN-2011 | 00:34:07.405 |
| EGOI_110611GSEP4199.E2 | 11-JUN-2011 | 02:09:30.484 |
| EGOI_110611GSEP4208.E2 | 11-JUN-2011 | 03:48:52.093 |
| EGOI_110611GSEP4214.E2 | 11-JUN-2011 | 05:31:19.724 |
| EGOI_110611KSEP6773.E2 | 11-JUN-2011 | 07:29:27.939 |
| EGOI_110611KSEP6791.E2 | 11-JUN-2011 | 09:09:24.048 |

| | | |
|------------------------|-------------|--------------|
| EGOI_110611KSEP6812.E2 | 11-JUN-2011 | 10:48:59.163 |
| EGOI_110611KSEP6836.E2 | 11-JUN-2011 | 12:28:08.765 |
| EGOI_110611KSEP6852.E2 | 11-JUN-2011 | 14:07:01.871 |
| EGOI_110611KSEP6873.E2 | 11-JUN-2011 | 15:45:05.466 |
| EGOI_110611KSEP6883.E2 | 11-JUN-2011 | 17:22:36.060 |
| EGOI_110611KSEP6913.E2 | 11-JUN-2011 | 19:00:17.154 |
| EGOI_110611KSEP6935.E2 | 11-JUN-2011 | 20:39:34.260 |
| EGOI_110611KSEP6955.E2 | 11-JUN-2011 | 22:21:21.382 |
| EGOI_110611MAEP9044.E2 | 11-JUN-2011 | 09:16:52.595 |
| EGOI_110611MAEP9061.E2 | 11-JUN-2011 | 10:56:33.705 |
| EGOI_110611MAEP9084.E2 | 11-JUN-2011 | 20:33:26.724 |
| EGOI_110611MAEP9100.E2 | 11-JUN-2011 | 22:13:27.334 |
| EGOI_110611MIEP4885.E2 | 11-JUN-2011 | 02:07:09.472 |
| EGOI_110611MIEP4897.E2 | 11-JUN-2011 | 03:43:46.062 |
| EGOI_110611MIEP4912.E2 | 11-JUN-2011 | 14:26:49.985 |
| EGOI_110611MIEP4939.E2 | 11-JUN-2011 | 16:03:23.575 |
| EGOI_110611MIEP4962.E2 | 11-JUN-2011 | 17:44:31.693 |
| EGOI_110611MMEP0500.E2 | 11-JUN-2011 | 03:11:00.859 |
| EGOI_110611MMEP0506.E2 | 11-JUN-2011 | 06:35:33.609 |
| EGOI_110611MMEP0515.E2 | 11-JUN-2011 | 08:16:26.724 |
| EGOI_110611MMEP0523.E2 | 11-JUN-2011 | 11:37:12.956 |
| EGOI_110611MSEP0847.E2 | 11-JUN-2011 | 00:24:02.839 |
| EGOI_110611MSEP0871.E2 | 11-JUN-2011 | 11:02:11.241 |
| EGOI_110611MSEP0898.E2 | 11-JUN-2011 | 12:41:32.848 |
| EGOI_110611MSEP0922.E2 | 11-JUN-2011 | 22:11:07.819 |
| EGOI_110611SGEP3804.E2 | 11-JUN-2011 | 02:51:20.238 |
| EGOI_110611SGEP3811.E2 | 11-JUN-2011 | 17:04:31.455 |

[[BACK TO MENU](#)]

1.3 - List of data gaps

| Station | Orbit | Date | Start Time | Stop Time | Duration (s) |
|---------|-------|------|------------|-----------|--------------|
|---------|-------|------|------------|-----------|--------------|

[[BACK TO MENU](#)]

1.4 - List of missing products

| Station | Orbit | Date | Start Time | Stop Time | Duration (s) |
|---------|-------|-------------|--------------|--------------|--------------|
| MM | 84381 | 10-JUN-2011 | 23:48:39.234 | 00:00:17.458 | 698.22400 |
| HO | 84382 | 11-JUN-2011 | 01:18:39.509 | 01:31:19.392 | 759.88300 |
| MM | 84382 | 11-JUN-2011 | 01:30:35.681 | 01:40:29.530 | 593.84900 |
| BE | 84383 | 11-JUN-2011 | 02:36:14.399 | 02:49:24.770 | 790.37100 |
| CM | 84383 | 11-JUN-2011 | 03:43:47.135 | 03:55:54.808 | 727.67300 |
| BE | 84384 | 11-JUN-2011 | 04:16:09.713 | 04:27:29.569 | 679.85600 |
| MM | 84384 | 11-JUN-2011 | 04:56:26.719 | 05:02:17.525 | 350.80600 |

| | | | | | |
|----|-------|-------------|--------------|--------------|-----------|
| SG | 84384 | 11-JUN-2011 | 04:27:34.921 | 04:39:00.064 | 685.14300 |
| KS | 84385 | 11-JUN-2011 | 05:52:41.829 | 05:56:43.248 | 241.41900 |
| JO | 84385 | 11-JUN-2011 | 06:22:01.996 | 06:28:01.966 | 359.97000 |
| JO | 84386 | 11-JUN-2011 | 07:55:55.597 | 08:10:46.586 | 890.98900 |
| MM | 84387 | 11-JUN-2011 | 09:59:22.864 | 10:10:21.011 | 658.14700 |
| JO | 84387 | 11-JUN-2011 | 09:37:12.121 | 09:48:35.835 | 683.71400 |
| MM | 84389 | 11-JUN-2011 | 13:19:17.845 | 13:32:00.098 | 762.25300 |
| HO | 84390 | 11-JUN-2011 | 15:08:50.651 | 15:17:23.738 | 513.08700 |
| MM | 84390 | 11-JUN-2011 | 14:58:53.220 | 15:11:33.851 | 760.63100 |
| GS | 84390 | 11-JUN-2011 | 14:20:37.974 | 14:30:54.264 | 616.29000 |
| SG | 84390 | 11-JUN-2011 | 15:21:58.722 | 15:35:51.291 | 832.56900 |
| BE | 84391 | 11-JUN-2011 | 15:34:18.817 | 15:44:23.441 | 604.62400 |
| MM | 84391 | 11-JUN-2011 | 16:38:12.367 | 16:50:44.790 | 752.42300 |
| GS | 84391 | 11-JUN-2011 | 15:58:53.799 | 16:12:49.832 | 836.03300 |
| MM | 84392 | 11-JUN-2011 | 18:17:20.906 | 18:29:54.889 | 753.98300 |
| GS | 84392 | 11-JUN-2011 | 17:39:06.799 | 17:49:56.268 | 649.46900 |
| MM | 84393 | 11-JUN-2011 | 19:56:34.923 | 20:09:17.546 | 762.62300 |
| MA | 84393 | 11-JUN-2011 | 19:00:51.431 | 19:05:59.763 | 308.33200 |
| JO | 84393 | 11-JUN-2011 | 20:16:02.668 | 20:30:39.250 | 876.58200 |
| MM | 84394 | 11-JUN-2011 | 21:36:17.674 | 21:48:56.676 | 759.00200 |
| JO | 84394 | 11-JUN-2011 | 21:56:01.262 | 22:08:39.126 | 757.86400 |
| HO | 84395 | 11-JUN-2011 | 23:07:28.547 | 23:21:12.869 | 824.32200 |
| MM | 84395 | 11-JUN-2011 | 23:16:50.466 | 23:28:50.811 | 720.34500 |

[[BACK TO MENU](#)]

1.5 - List of corrupted products

| Station | Orbit | Time |
|---------|-------|--------------|
| KS | 84386 | 07:40:11.504 |

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 |

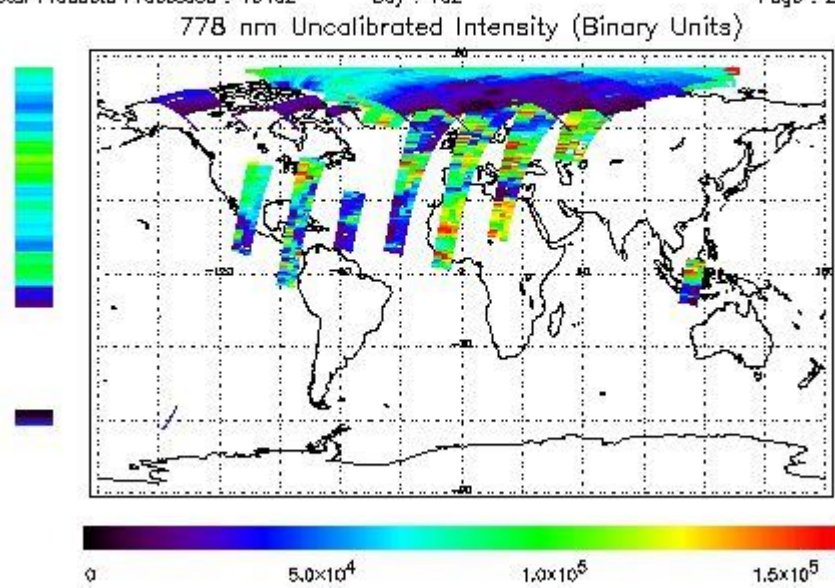
| | |
|--------------------------------------|----|
| Integration Times Channel 1 | OK |
| Co-Adding and Cluster Mode Flags | OK |
| Integration Times Band 2A | OK |
| Integration Times Band 2B | OK |
| Integration Times Band 3 | OK |
| Integration Times Band 4 | OK |
| Scan Mirror position | OK |
| Polarization Detectors | OK |
| FPA Temperatures A | OK |
| FPA Temperatures 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](#)

NEAR IR Intensity

First Product : 11-JUN-2011 00:24:02.839 : ORBIT : 84381.9959
 Last Product : 11-JUN-2011 22:33:51.460 : ORBIT : 84395.2149
 Total Products Processed : 15462 Day : 162 Page : 21



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[BACK TO MENU]

4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

| Start Time | End Time | Start Orbit | End Orbit | Ground Station Visibility |
|------------|----------|-------------|-----------|---------------------------|
| -- | -- | -- | -- | -- |

4.2 - Instrument Off

| Start Time | End Time | Start Orbit | End Orbit | MPS Resumption | Ground Station Visibility |
|------------|----------|-------------|-----------|----------------|---------------------------|
| -- | -- | -- | -- | -- | -- |

4.3 - Cooler Switchings

| Start Time | End Time | Start Orbit | End Orbit | Ground Station Visibility | Max Temp. Ch 1 | Max Temp. Ch 2 | Max Temp. Ch 3 | Max Temp. Ch 4 |
|------------|----------|-------------|-----------|---------------------------|----------------|----------------|----------------|----------------|
| -- | -- | -- | -- | -- | -- | -- | -- | -- |

[BACK TO MENU]

5 - Instrument Operations

Additional Info

5.1 - Timeline Interruptions

| Start Time | End Time | Start Orbit | End Orbit | Ground Station Visibility |
|------------|----------|-------------|-----------|---------------------------|
| -- | -- | -- | -- | -- |

5.2 - TST44

| Start Time | Start Orbit | Ground Station Visibility |
|------------|-------------|---------------------------|
| -- | -- | -- |

5.3 - Power Cycle

| Start Time | End Time | Start Orbit | End Orbit | Ground Station Visibility |
|------------|----------|-------------|-----------|---------------------------|
| -- | -- | -- | -- | -- |

5.4 - Wrong Command Execution

| Start Time | End Time | Start Orbit | End Orbit | Ground Station Visibility |
|------------|----------|-------------|-----------|---------------------------|
| -- | -- | -- | -- | -- |

5.5 - Narrow Swath Timeline

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

5.6 - Seasonal Operations

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

[[BACK TO MENU](#)]

(1) The Solar/lamp calibration is carried out routinely or after an instrument switch-off or a power cycle (performed to reset the instrument when abnormal values are observed); in the latter cases the coolers are off and the temperature refers to the warm detectors