

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	16-SEP-2010
Start Time of First Product	00:50:55
Stop Time of Last Product	23:01:12
Number of EGOI Products analysed	29
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100916GSEP5126.E2	16-SEP-2010	00:57:56.640
EGOI_100916GSEP5156.E2	16-SEP-2010	02:34:30.230
EGOI_100916GSEP5181.E2	16-SEP-2010	04:15:26.347
EGOI_100916GSEP5188.E2	16-SEP-2010	05:57:50.978
EGOI_100916KSEP5967.E2	16-SEP-2010	06:16:10.585
EGOI_100916KSEP5983.E2	16-SEP-2010	07:56:02.197
EGOI_100916KSEP6003.E2	16-SEP-2010	09:35:40.310
EGOI_100916KSEP6033.E2	16-SEP-2010	11:15:15.417
EGOI_100916KSEP6062.E2	16-SEP-2010	12:54:29.528

EGOI_100916KSEP6072.E2	16-SEP-2010	14:33:19.631
EGOI_100916KSEP6098.E2	16-SEP-2010	16:11:00.730
EGOI_100916KSEP6127.E2	16-SEP-2010	17:48:59.829
EGOI_100916KSEP6159.E2	16-SEP-2010	19:26:58.935
EGOI_100916KSEP6184.E2	16-SEP-2010	21:07:10.045
EGOI_100916KSEP6210.E2	16-SEP-2010	22:49:42.176
EGOI_100916MAEP7164.E2	16-SEP-2010	09:45:44.853
EGOI_100916MAEP7184.E2	16-SEP-2010	20:59:36.994
EGOI_100916MIEP0826.E2	16-SEP-2010	02:31:21.210
EGOI_100916MIEP0847.E2	16-SEP-2010	04:10:35.316
EGOI_100916MIEP0867.E2	16-SEP-2010	14:51:36.240
EGOI_100916MIEP0889.E2	16-SEP-2010	16:29:42.847
EGOI_100916MMEP5058.E2	16-SEP-2010	12:03:51.716
EGOI_100916MMEP5067.E2	16-SEP-2010	13:43:19.326
EGOI_100916MSEP9668.E2	16-SEP-2010	00:50:55.097
EGOI_100916MSEP9693.E2	16-SEP-2010	13:08:58.115
EGOI_100916MSEP9716.E2	16-SEP-2010	11:36:03.544
EGOI_100916MSEP9717.E2	16-SEP-2010	11:28:19.997
EGOI_100916MSEP9728.E2	16-SEP-2010	11:28:19.997
EGOI_100916MSEP9759.E2	16-SEP-2010	22:37:25.602

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	80549	16-SEP-2010	06:14:50.897	06:16:10.584	79.687000
KS	80550	16-SEP-2010	07:53:51.572	07:56:02.196	130.62400
KS	80551	16-SEP-2010	09:33:27.711	09:35:40.309	132.59800
KS	80552	16-SEP-2010	11:13:01.978	11:15:15.417	133.43900
KS	80553	16-SEP-2010	12:52:16.696	12:54:29.527	132.83100
KS	80554	16-SEP-2010	14:31:02.846	14:33:19.630	136.78400
KS	80555	16-SEP-2010	16:08:45.499	16:11:00.730	135.23100
KS	80556	16-SEP-2010	17:46:40.725	17:48:59.829	139.10400
KS	80557	16-SEP-2010	19:25:10.103	19:26:58.935	108.83200
KS	80558	16-SEP-2010	21:05:25.944	21:07:10.045	104.10100
KS	80559	16-SEP-2010	22:47:59.133	22:49:42.175	103.04200
GS	80546	16-SEP-2010	00:56:42.044	00:57:56.640	74.596000
GS	80547	16-SEP-2010	02:32:55.907	02:34:30.229	94.322000
GS	80548	16-SEP-2010	04:13:49.294	04:15:26.347	97.053000
MS	80546	16-SEP-2010	00:49:39.387	00:50:55.096	75.709000
MS	80553	16-SEP-2010	13:06:41.919	13:08:58.114	136.19500

MS	80552	16-SEP-2010	11:25:59.020	11:36:03.543	604.52300
MS	80552	16-SEP-2010	11:36:12.544	11:39:12.931	180.38700
MS	80552	16-SEP-2010	11:25:59.020	11:28:19.997	140.97700
MS	80552	16-SEP-2010	11:25:59.020	11:28:19.997	140.97700
MS	80559	16-SEP-2010	22:35:31.866	22:37:25.601	113.73500
MA	80551	16-SEP-2010	09:41:31.403	09:45:44.852	253.44900
MA	80558	16-SEP-2010	20:57:07.790	20:59:36.993	149.20300
MI	80547	16-SEP-2010	02:29:18.077	02:31:21.209	123.13200
MI	80548	16-SEP-2010	04:07:47.545	04:10:35.316	167.77100
MI	80554	16-SEP-2010	14:49:33.392	14:51:36.240	122.84800
MI	80555	16-SEP-2010	16:27:37.157	16:29:42.847	125.69000
MM	80552	16-SEP-2010	12:02:17.701	12:03:51.716	94.015000
MM	80553	16-SEP-2010	13:42:05.072	13:43:19.326	74.254000

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	80545	16-SEP-2010	00:00:48.431	00:15:19.938	871.50700
MM	80545	16-SEP-2010	00:11:51.517	00:23:10.384	678.86700
HO	80546	16-SEP-2010	01:42:37.568	01:53:25.087	647.51900
MM	80546	16-SEP-2010	01:54:02.424	02:03:26.003	563.57900
BE	80547	16-SEP-2010	02:58:52.289	03:12:17.277	804.98800
MM	80547	16-SEP-2010	03:37:02.057	03:44:04.447	422.39000
SG	80547	16-SEP-2010	03:10:00.413	03:23:42.062	821.64900
CM	80547	16-SEP-2010	02:32:56.754	02:34:43.223	106.46900
BE	80548	16-SEP-2010	04:39:23.982	04:49:05.692	581.71000
MM	80548	16-SEP-2010	05:19:51.233	05:25:37.609	346.37600
SG	80548	16-SEP-2010	04:51:40.430	05:00:07.253	506.82300
CM	80548	16-SEP-2010	05:46:53.233	05:59:18.476	745.24300
MM	80549	16-SEP-2010	07:01:23.393	07:08:27.521	424.12800
JO	80549	16-SEP-2010	06:42:20.449	06:52:23.395	602.94600
MM	80550	16-SEP-2010	08:42:01.219	08:51:26.599	565.38000
MA	80550	16-SEP-2010	08:03:53.045	08:13:12.133	559.08800
JO	80550	16-SEP-2010	08:18:30.102	08:33:31.506	901.40400
MM	80551	16-SEP-2010	10:22:16.439	10:33:36.537	680.09800
JO	80551	16-SEP-2010	10:01:51.197	10:09:44.165	472.96800

HO	80552	16-SEP-2010	12:11:28.340	12:25:18.454	830.11400
MA	80552	16-SEP-2010	11:22:31.645	11:30:54.687	503.04200
HO	80553	16-SEP-2010	13:50:40.344	14:04:56.819	856.47500
SG	80553	16-SEP-2010	14:08:11.228	14:16:52.184	520.95600
BE	80554	16-SEP-2010	14:15:30.738	14:28:54.373	803.63500
MM	80554	16-SEP-2010	15:21:36.686	15:34:15.210	758.52400
GS	80554	16-SEP-2010	14:42:47.501	14:53:37.857	650.35600
SG	80554	16-SEP-2010	15:44:44.652	15:58:24.452	819.80000
BE	80555	16-SEP-2010	15:58:50.567	16:05:54.784	424.21700
MM	80555	16-SEP-2010	17:00:52.556	17:13:24.228	751.67200
GS	80555	16-SEP-2010	16:21:39.928	16:35:25.070	825.14200
CM	80555	16-SEP-2010	16:30:16.006	16:42:40.699	744.69300
MM	80556	16-SEP-2010	18:40:00.552	18:52:36.399	755.84700
GS	80556	16-SEP-2010	18:02:19.247	18:11:24.872	545.62500
JO	80556	16-SEP-2010	19:02:44.844	19:09:46.160	421.31600
MM	80557	16-SEP-2010	20:19:19.013	20:32:02.761	763.74800
MA	80557	16-SEP-2010	19:21:42.940	19:30:34.787	531.84700
JO	80557	16-SEP-2010	20:38:34.397	20:53:34.796	900.39900
HO	80558	16-SEP-2010	21:54:05.966	22:03:28.731	562.76500
MM	80558	16-SEP-2010	21:59:11.550	22:11:45.528	753.97800
JO	80558	16-SEP-2010	22:19:31.595	22:30:01.276	629.68100
HO	80559	16-SEP-2010	23:29:43.054	23:44:02.553	859.49900
MM	80559	16-SEP-2010	23:39:58.019	23:51:42.790	704.77100
MA	80559	16-SEP-2010	22:42:26.299	22:47:40.663	314.36400

[[BACK TO MENU](#)]

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

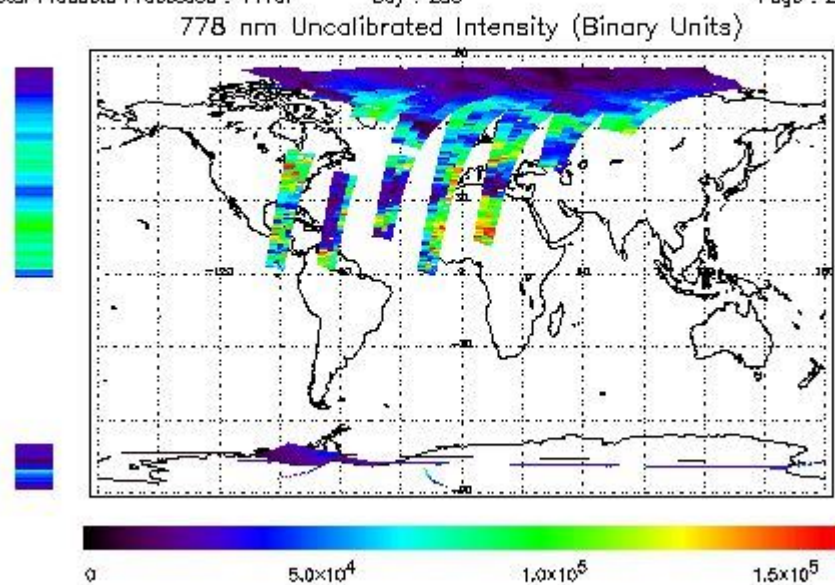
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	OK
Polarization Detectors	OK
FPA Temperatures A	OK
FPA Temperatures B	OK
Charge Amp Temperatures	OK
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 : 16-SEP-2010 00:50:55.097 : ORBIT : 80546.0345
 Last Product : 16-SEP-2010 23:01:12.248 : ORBIT : 80559.2581
 Total Products Processed : 14107 Day : 259 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
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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
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[BACK TO MENU]

5 - Instrument Operations

Additional Info

5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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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
01:00	--	80388	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
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[[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