

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	26-MAR-2011
Start Time of First Product	23:49:23 (25-Mar)
Stop Time of Last Product	23:39:55
Number of EGOI Products analysed	--
Number of corrupted products	3
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110326CMEP5128.E2	26-MAR-2011	03:09:48.649
EGOI_110326CMEP5137.E2	26-MAR-2011	04:51:01.276
EGOI_110326CMEP5143.E2	26-MAR-2011	15:32:35.212
EGOI_110326CMEP5153.E2	26-MAR-2011	17:10:55.315
EGOI_110326GSEP8530.E2	26-MAR-2011	01:37:00.081
EGOI_110326GSEP8560.E2	26-MAR-2011	03:14:54.681
EGOI_110326GSEP8570.E2	26-MAR-2011	04:57:49.316
EGOI_110326HLEP9726.E2	26-MAR-2011	00:44:49.251
EGOI_110326KSEP0668.E2	26-MAR-2011	00:05:55.016

EGOI_110326KSEP0691.E2	26-MAR-2011	06:56:14.040
EGOI_110326KSEP0719.E2	26-MAR-2011	08:36:02.655
EGOI_110326KSEP0739.E2	26-MAR-2011	10:15:34.769
EGOI_110326KSEP0768.E2	26-MAR-2011	11:54:54.880
EGOI_110326KSEP0784.E2	26-MAR-2011	13:33:50.988
EGOI_110326KSEP0797.E2	26-MAR-2011	15:12:23.087
EGOI_110326KSEP0810.E2	26-MAR-2011	16:49:58.186
EGOI_110326KSEP0825.E2	26-MAR-2011	18:27:31.789
EGOI_110326KSEP0842.E2	26-MAR-2011	20:06:08.393
EGOI_110326KSEP0861.E2	26-MAR-2011	21:47:01.511
EGOI_110326KSEP0877.E2	26-MAR-2011	23:30:12.650
EGOI_110326MAEP4242.E2	26-MAR-2011	08:44:16.209
EGOI_110326MAEP4256.E2	26-MAR-2011	10:23:04.812
EGOI_110326MAEP4269.E2	26-MAR-2011	19:59:41.353
EGOI_110326MAEP4291.E2	26-MAR-2011	21:39:07.468
EGOI_110326MIEP6923.E2	26-MAR-2011	03:10:32.153
EGOI_110326MIEP6948.E2	26-MAR-2011	04:51:49.280
EGOI_110326MIEP6972.E2	26-MAR-2011	15:29:45.692
EGOI_110326MIEP6999.E2	26-MAR-2011	17:09:43.308
EGOI_110326MSEP1702.E2	25-MAR-2011	23:49:23.414
EGOI_110326MSEP1727.E2	26-MAR-2011	10:30:03.355
EGOI_110326MSEP1756.E2	26-MAR-2011	12:07:51.955
EGOI_110326MSEP1778.E2	26-MAR-2011	21:39:16.468
EGOI_110326MSEP1810.E2	26-MAR-2011	23:15:54.556

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	83279	25-MAR-2011	23:57:58.440	00:12:29.490	871.05000
MM	83279	26-MAR-2011	00:08:57.292	00:20:18.731	681.43900
HO	83280	26-MAR-2011	01:39:30.674	01:50:39.870	669.19600
MM	83280	26-MAR-2011	01:51:06.425	02:00:33.888	567.46300
MS	83280	26-MAR-2011	00:46:29.064	00:54:01.616	452.55200
BE	83281	26-MAR-2011	02:56:02.125	03:09:26.616	804.49100
MM	83281	26-MAR-2011	03:34:05.235	03:41:11.392	426.15700
SG	83281	26-MAR-2011	03:07:12.533	03:20:50.062	817.52900
BE	83282	26-MAR-2011	04:36:28.900	04:46:25.029	596.12900

MM	83282	26-MAR-2011	05:16:55.920	05:22:42.338	346.41800
SG	83282	26-MAR-2011	04:48:36.261	04:57:32.558	536.29700
MM	83283	26-MAR-2011	06:58:30.314	07:05:30.701	420.38700
JO	83283	26-MAR-2011	06:39:43.887	06:49:24.343	580.45600
MM	83284	26-MAR-2011	08:39:09.103	08:48:30.582	561.47900
JO	83284	26-MAR-2011	08:15:39.813	08:30:41.485	901.67200
MM	83285	26-MAR-2011	10:19:24.781	10:30:42.285	677.50400
MM	83286	26-MAR-2011	11:59:26.423	12:11:49.388	742.96500
MA	83286	26-MAR-2011	11:19:35.235	11:28:08.899	513.66400
MM	83287	26-MAR-2011	13:39:14.214	13:51:57.819	763.60500
MS	83287	26-MAR-2011	13:03:45.604	13:13:29.210	583.60600
SG	83287	26-MAR-2011	14:05:37.348	14:13:47.236	489.88800
BE	83288	26-MAR-2011	14:12:39.859	14:26:04.310	804.45100
MM	83288	26-MAR-2011	15:18:46.301	15:31:25.096	758.79500
GS	83288	26-MAR-2011	14:40:00.387	14:50:53.535	653.14800
SG	83288	26-MAR-2011	15:41:52.822	15:55:36.399	823.57700
BE	83289	26-MAR-2011	15:55:42.730	16:03:16.681	453.95100
MM	83289	26-MAR-2011	16:58:02.561	17:10:34.292	751.73100
GS	83289	26-MAR-2011	16:18:48.908	16:32:36.402	827.49400
MM	83290	26-MAR-2011	18:37:10.575	18:49:46.170	755.59500
GS	83290	26-MAR-2011	17:59:24.526	18:08:44.996	560.47000
JO	83290	26-MAR-2011	19:00:16.447	19:06:30.546	374.09900
MM	83291	26-MAR-2011	20:16:28.409	20:29:12.061	763.65200
JO	83291	26-MAR-2011	20:35:44.774	20:50:43.8	

[[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

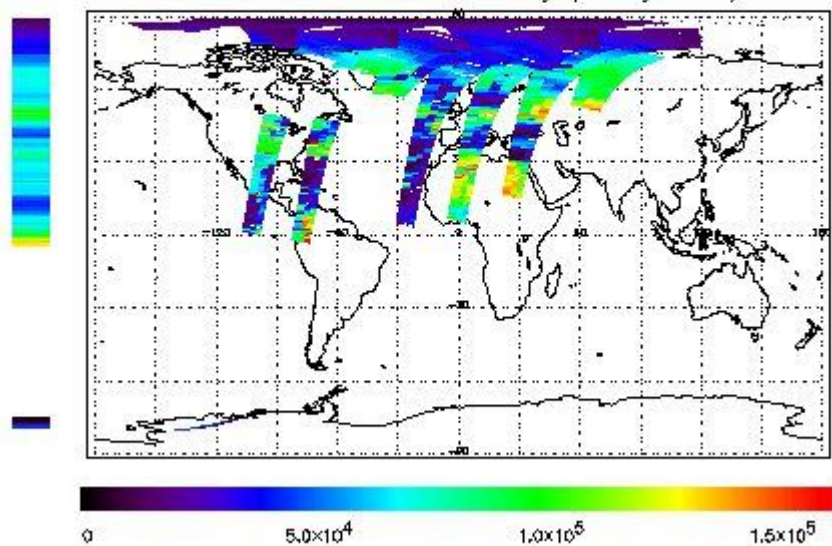
2.2 - Daily Plots

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 : 25-MAR-2011 23:49:23.414 : ORBIT : 83279.4514
 Last Product : 26-MAR-2011 23:39:54.708 : ORBIT : 83293.6715
 Total Products Processed : 16181 Day : 85 Page : 21

778 nm Uncalibrated Intensity (Binary Units)



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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
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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
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5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	End Orbit
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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