

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	15-FEB-2010
Start Time of First Product	00:07:07
Stop Time of Last Product	22:55:28
Number of EGOI Products analysed	41
Number of corrupted products	--
Anomalies and/or Special Operations	Narrow Swath continued from previous day, stop orbit: 77503

1.2 - List of received products

Name	Date	Time
EGOI_100215BEEP1941.E2	15-FEB-2010	02:55:20.877
EGOI_100215BEEP1947.E2	15-FEB-2010	04:35:55.999
EGOI_100215CMEP6695.E2	15-FEB-2010	16:25:42.366
EGOI_100215CMEP6703.E2	15-FEB-2010	18:07:53.497
EGOI_100215GSEP9710.E2	15-FEB-2010	00:52:33.629
EGOI_100215GSEP9739.E2	15-FEB-2010	02:28:52.216
EGOI_100215GSEP9767.E2	15-FEB-2010	04:09:34.839
EGOI_100215GSEP9774.E2	15-FEB-2010	05:51:56.470
EGOI_100215KSEP4488.E2	15-FEB-2010	06:10:29.583

EGOI_100215KSEP4519.E2	15-FEB-2010	07:50:16.694
EGOI_100215KSEP4543.E2	15-FEB-2010	09:29:54.814
EGOI_100215KSEP4577.E2	15-FEB-2010	11:09:31.425
EGOI_100215KSEP4609.E2	15-FEB-2010	12:48:47.032
EGOI_100215KSEP4622.E2	15-FEB-2010	14:27:38.645
EGOI_100215KSEP4643.E2	15-FEB-2010	16:05:22.744
EGOI_100215KSEP4672.E2	15-FEB-2010	17:43:18.849
EGOI_100215KSEP4703.E2	15-FEB-2010	19:21:14.956
EGOI_100215KSEP4730.E2	15-FEB-2010	21:01:18.568
EGOI_100215KSEP4760.E2	15-FEB-2010	22:43:47.699
EGOI_100215MAEP8966.E2	15-FEB-2010	09:37:39.861
EGOI_100215MAEP8986.E2	15-FEB-2010	20:53:41.021
EGOI_100215MIEP3382.E2	15-FEB-2010	02:25:52.196
EGOI_100215MIEP3404.E2	15-FEB-2010	04:04:42.307
EGOI_100215MIEP3428.E2	15-FEB-2010	14:46:08.755
EGOI_100215MIEP3454.E2	15-FEB-2010	16:23:57.358
EGOI_100215MMEP3842.E2	15-FEB-2010	00:07:06.343
EGOI_100215MMEP3847.E2	15-FEB-2010	01:49:11.469
EGOI_100215MMEP3858.E2	15-FEB-2010	08:37:15.489
EGOI_100215MMEP3865.E2	15-FEB-2010	10:17:46.100
EGOI_100215MMEP3874.E2	15-FEB-2010	11:58:12.219
EGOI_100215MMEP3881.E2	15-FEB-2010	13:37:35.332
EGOI_100215MMEP3888.E2	15-FEB-2010	15:17:11.947
EGOI_100215MMEP3896.E2	15-FEB-2010	16:56:41.059
EGOI_100215MSEP5045.E2	15-FEB-2010	00:44:45.578
EGOI_100215MSEP5064.E2	15-FEB-2010	11:22:37.500
EGOI_100215MSEP5089.E2	15-FEB-2010	13:02:59.120
EGOI_100215MSEP5122.E2	15-FEB-2010	22:31:40.129
EGOI_100215SGEP3711.E2	15-FEB-2010	03:06:41.947
EGOI_100215SGEP3719.E2	15-FEB-2010	04:47:12.566
EGOI_100215SGEP3725.E2	15-FEB-2010	14:04:35.504
EGOI_100215SGEP3732.E2	15-FEB-2010	15:41:18.095

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	77500	15-FEB-2010	06:09:15.842	06:10:29.583	73.741000
KS	77501	15-FEB-2010	07:48:10.486	07:50:16.694	126.20800
KS	77502	15-FEB-2010	09:27:46.091	09:29:54.813	128.72200
KS	77503	15-FEB-2010	11:07:20.945	11:09:31.424	130.47900
KS	77504	15-FEB-2010	12:46:37.287	12:48:47.032	129.74500
KS	77505	15-FEB-2010	14:25:25.329	14:27:38.644	133.31500
KS	77506	15-FEB-2010	16:03:10.633	16:05:22.743	132.11000

KS	77507	15-FEB-2010	17:41:05.863	17:43:18.848	132.98500
KS	77508	15-FEB-2010	19:19:29.651	19:21:14.955	105.30400
KS	77509	15-FEB-2010	20:59:38.902	21:01:18.568	99.666000
KS	77510	15-FEB-2010	22:42:02.862	22:43:47.699	104.83700
GS	77497	15-FEB-2010	00:51:22.214	00:52:33.629	71.415000
GS	77499	15-FEB-2010	04:07:54.215	04:09:34.838	100.62300
MS	77497	15-FEB-2010	00:43:20.775	00:44:45.577	84.802000
MS	77503	15-FEB-2010	11:20:20.141	11:22:37.500	137.35900
MS	77504	15-FEB-2010	13:00:48.427	13:02:59.119	130.69200
MS	77510	15-FEB-2010	22:29:59.131	22:31:40.129	100.99800
MA	77502	15-FEB-2010	09:35:51.190	09:37:39.861	108.67100
MA	77509	15-FEB-2010	20:51:24.562	20:53:41.020	136.45800
MI	77498	15-FEB-2010	02:23:53.901	02:25:52.196	118.29500
MI	77499	15-FEB-2010	04:01:58.829	04:04:42.306	163.47700
MI	77505	15-FEB-2010	14:44:10.847	14:46:08.755	117.90800
MI	77506	15-FEB-2010	16:21:53.209	16:23:57.358	124.14900
MM	77496	15-FEB-2010	00:06:03.119	00:07:06.342	63.223000
MM	77497	15-FEB-2010	01:48:10.467	01:49:11.468	61.001000
MM	77502	15-FEB-2010	10:16:33.111	10:17:46.100	72.989000
MM	77503	15-FEB-2010	11:56:35.130	11:58:12.218	97.088000
MM	77504	15-FEB-2010	13:36:23.341	13:37:35.331	71.990000
MM	77505	15-FEB-2010	15:15:55.900	15:17:11.946	76.046000
MM	77506	15-FEB-2010	16:55:12.555	16:56:41.058	88.503000
BE	77498	15-FEB-2010	02:53:12.076	02:55:20.876	128.80000
BE	77499	15-FEB-2010	04:33:34.075	04:35:55.999	141.92400
SG	77498	15-FEB-2010	03:04:24.980	03:06:41.947	136.96700
SG	77499	15-FEB-2010	04:45:33.364	04:47:12.565	99.201000
SG	77504	15-FEB-2010	14:03:05.242	14:04:35.503	90.261000
SG	77505	15-FEB-2010	15:39:01.305	15:41:18.095	136.79000
CM	77506	15-FEB-2010	16:24:35.739	16:25:42.365	66.626000

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	77496	14-FEB-2010	23:55:08.669	00:09:38.961	870.29200
HO	77497	15-FEB-2010	01:36:27.764	01:47:54.311	686.54700

MM	77498	15-FEB-2010	03:31:08.406	03:38:18.375	429.96900
CM	77498	15-FEB-2010	04:00:37.637	04:13:02.217	744.58000
MM	77499	15-FEB-2010	05:14:00.531	05:19:47.137	346.60600
MM	77500	15-FEB-2010	06:55:37.188	07:02:33.885	416.69700
JO	77500	15-FEB-2010	06:37:08.202	06:46:24.582	556.38000
MA	77501	15-FEB-2010	07:59:07.282	08:07:05.947	478.66500
JO	77501	15-FEB-2010	08:12:49.802	08:27:51.290	901.48800
JO	77502	15-FEB-2010	09:55:33.882	10:04:34.025	540.14300
MA	77503	15-FEB-2010	11:16:39.221	11:25:26.187	526.96600
SG	77504	15-FEB-2010	14:03:05.242	14:10:40.584	455.34200
BE	77505	15-FEB-2010	14:09:49.229	14:23:14.126	804.89700
GS	77505	15-FEB-2010	14:37:13.496	14:48:09.175	655.67900
BE	77506	15-FEB-2010	15:52:36.329	16:00:37.297	480.96800
GS	77506	15-FEB-2010	16:15:57.958	16:29:47.522	829.56400
MM	77507	15-FEB-2010	18:34:20.602	18:46:55.950	755.34800
GS	77507	15-FEB-2010	17:56:30.023	18:06:04.744	574.72100
MM	77508	15-FEB-2010	20:13:37.832	20:26:21.374	763.54200
MA	77508	15-FEB-2010	19:16:24.881	19:24:43.808	498.92700
JO	77508	15-FEB-2010	20:32:55.330	20:47:52.655	897.32500
HO	77509	15-FEB-2010	21:48:52.716	21:57:36.763	524.04700
MM	77509	15-FEB-2010	21:53:27.820	22:06:03.243	755.42300
HO	77510	15-FEB-2010	23:24:07.231	23:38:20.655	853.42400
MM	77510	15-FEB-2010	23:34:10.811	23:45:59.731	708.92000
MA	77510	15-FEB-2010	22:35:59.231	22:42:28.655	389.42400

[[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

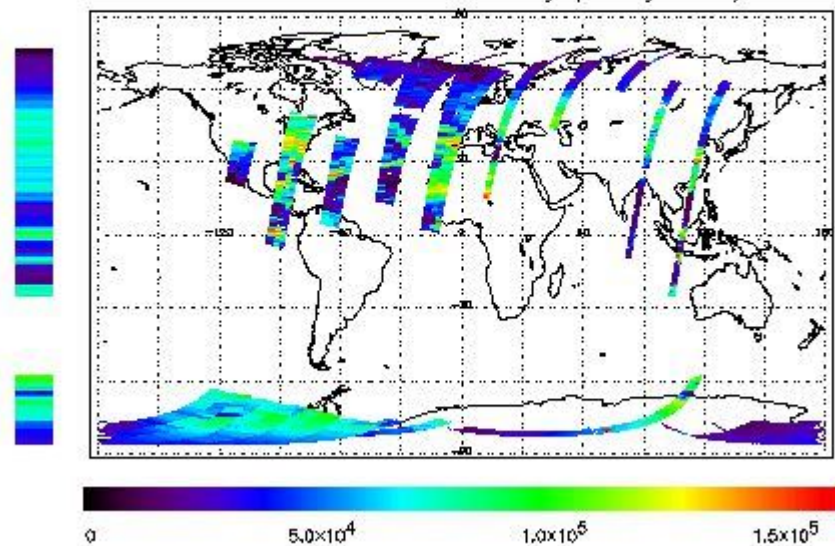
2.2 - Daily Plots

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 : 15-FEB-2010 00:07:06.343 : ORBIT : 77496.6561
 Last Product : 15-FEB-2010 22:55:28.273 : ORBIT : 77510.2583
 Total Products Processed : 20073 Day : 48 Page : 21

778 nm Uncalibrated Intensity (Binary Units)



(1)

[[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
13:00	11:00	77490	77503

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