

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-FEB-2011
Start Time of First Product	22:40:41 (25-Feb)
Stop Time of Last Product	22:31:39
Number of EGOI Products analysed	31
Number of corrupted products	--
Anomalies and/or Special Operations	Due to the ERS2 orbit lowering manoeuvre data acquired in the transition period, from 22 February to 10 March, are for internal use only; no solar calibration measurements and Narrow Swath planned during the transition period

1.2 - List of received products

Name	Date	Time
EGOI_110225CMEP4416.E2	25-FEB-2011	04:14:38.352
EGOI_110225CMEP4426.E2	25-FEB-2011	14:59:15.306
EGOI_110225CMEP4432.E2	25-FEB-2011	16:35:27.894
EGOI_110225GSEP6471.E2	25-FEB-2011	01:02:53.673
EGOI_110225GSEP6503.E2	25-FEB-2011	02:39:28.765
EGOI_110225GSEP6532.E2	25-FEB-2011	04:20:23.387
EGOI_110225GSEP6539.E2	25-FEB-2011	06:03:16.514
EGOI_110225HLEP9422.E2	25-FEB-2011	00:09:09.844
EGOI_110225KSEP4205.E2	25-FEB-2011	06:23:37.641
EGOI_110225KSEP4231.E2	25-FEB-2011	08:00:44.240
EGOI_110225KSEP4261.E2	25-FEB-2011	09:40:17.846
EGOI_110225KSEP4291.E2	25-FEB-2011	11:19:46.953
EGOI_110225KSEP4320.E2	25-FEB-2011	12:58:52.061
EGOI_110225KSEP4346.E2	25-FEB-2011	14:37:36.169
EGOI_110225KSEP4374.E2	25-FEB-2011	16:15:11.272
EGOI_110225KSEP4403.E2	25-FEB-2011	17:52:59.868
EGOI_110225KSEP4434.E2	25-FEB-2011	19:30:34.968
EGOI_110225KSEP4464.E2	25-FEB-2011	21:10:43.088
EGOI_110225KSEP4491.E2	25-FEB-2011	22:53:12.215
EGOI_110225MIEP4143.E2	25-FEB-2011	02:39:51.269
EGOI_110225MIEP4166.E2	25-FEB-2011	04:18:57.879
EGOI_110225MIEP4186.E2	25-FEB-2011	15:00:06.310
EGOI_110225MIEP4206.E2	25-FEB-2011	16:38:42.913
EGOI_110225MSEP8181.E2	25-FEB-2011	00:58:32.646
EGOI_110225MSEP8195.E2	25-FEB-2011	09:56:16.439
EGOI_110225MSEP8225.E2	25-FEB-2011	11:32:30.527
EGOI_110225MSEP8249.E2	25-FEB-2011	13:13:07.149
EGOI_110225SGEP1752.E2	25-FEB-2011	04:58:31.114
EGOI_110225SGEP1757.E2	25-FEB-2011	14:13:36.024
EGOI_110225SGEP1764.E2	25-FEB-2011	15:51:02.119

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	82868	25-FEB-2011	06:27:10.660	06:30:28.192	197.53200
KS	82869	25-FEB-2011	08:13:20.314	08:14:37.016	76.702000
KS	82870	25-FEB-2011	09:54:37.435	09:55:54.088	76.653000
KS	82871	25-FEB-2011	11:33:48.539	11:35:15.061	86.522000
KS	82872	25-FEB-2011	13:11:53.646	13:13:19.896	86.250000
KS	82873	25-FEB-2011	14:49:00.243	14:51:02.390	122.14700
KS	82874	25-FEB-2011	16:27:38.342	16:29:15.678	97.336000
KS	82875	25-FEB-2011	18:06:16.449	18:08:13.873	117.42400

KS	82876	25-FEB-2011	19:45:32.061	19:47:40.892	128.83100
KS	82877	25-FEB-2011	21:25:14.673	21:27:18.461	123.78800
KS	82878	25-FEB-2011	23:04:34.785	23:06:45.615	130.83000
MS	82871	25-FEB-2011	11:46:06.609	11:47:46.814	100.20500
MS	82872	25-FEB-2011	13:22:28.203	13:24:02.034	93.831000
MI	82866	25-FEB-2011	02:37:27.826	02:39:51.268	143.44200
MI	82867	25-FEB-2011	04:16:33.630	04:18:57.878	144.24800
MI	82873	25-FEB-2011	14:57:42.112	15:00:06.309	144.19700
MI	82873	25-FEB-2011	15:07:22.852	15:08:43.414	80.562000
MI	82874	25-FEB-2011	16:36:14.694	16:38:42.912	148.21800
MI	82874	25-FEB-2011	16:47:32.462	16:48:52.657	80.195000
SG	82872	25-FEB-2011	14:23:49.589	14:25:59.437	129.84800
SG	82873	25-FEB-2011	16:04:56.208	16:06:46.623	110.41500
CM	82866	25-FEB-2011	04:25:57.917	04:27:11.014	73.097000
CM	82873	25-FEB-2011	15:05:36.345	15:08:00.327	143.98200
CM	82874	25-FEB-2011	16:49:12.976	16:51:07.690	114.71400

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	82864	25-FEB-2011	00:09:13.586	00:23:50.793	877.20700
MM	82864	25-FEB-2011	00:20:34.519	00:31:45.413	670.89400
HO	82865	25-FEB-2011	01:52:05.858	02:01:33.980	568.12200
MM	82865	25-FEB-2011	02:02:50.680	02:12:02.452	551.77200
BE	82866	25-FEB-2011	03:07:23.469	03:20:47.766	804.29700
MM	82866	25-FEB-2011	03:45:52.487	03:52:43.879	411.39200
SG	82866	25-FEB-2011	03:18:25.976	03:32:16.171	830.19500
CM	82866	25-FEB-2011	02:39:34.344	02:44:54.386	320.04200
CM	82866	25-FEB-2011	04:14:49.445	04:27:11.014	741.56900
BE	82867	25-FEB-2011	04:48:11.051	04:57:04.899	533.84800
MM	82867	25-FEB-2011	05:28:36.726	05:34:23.869	347.14300
MM	82868	25-FEB-2011	07:10:02.384	07:17:18.003	435.61900
JO	82868	25-FEB-2011	06:50:14.625	07:01:17.082	662.45700
MM	82869	25-FEB-2011	08:50:37.466	09:00:14.390	576.92400
MA	82869	25-FEB-2011	08:11:57.015	08:22:16.349	619.33400
JO	82869	25-FEB-2011	08:27:02.651	08:42:00.521	897.87000

MM	82870	25-FEB-2011	10:30:51.350	10:42:18.968	687.61800
MA	82870	25-FEB-2011	09:50:02.642	10:03:26.582	803.94000
MM	82871	25-FEB-2011	12:10:51.474	12:23:18.788	747.31400
MA	82871	25-FEB-2011	11:31:18.529	11:39:02.710	464.18100
MM	82872	25-FEB-2011	13:50:37.569	14:03:21.470	763.90100
SG	82872	25-FEB-2011	14:16:00.872	14:25:59.437	598.56500
BE	82873	25-FEB-2011	14:24:04.914	14:37:23.844	798.93000
MM	82873	25-FEB-2011	15:30:07.765	15:42:45.473	757.70800
GS	82873	25-FEB-2011	14:51:10.065	15:03:36.335	746.27000
MM	82874	25-FEB-2011	17:09:22.504	17:21:54.063	751.55900
GS	82874	25-FEB-2011	16:30:13.415	16:43:49.818	816.40300
MM	82875	25-FEB-2011	18:48:30.538	19:01:07.162	756.62400
GS	82875	25-FEB-2011	18:11:04.961	18:19:22.031	497.07000
JO	82875	25-FEB-2011	19:10:25.448	19:19:16.978	531.53000
MM	82876	25-FEB-2011	20:27:50.996	20:40:34.946	763.95000
MA	82876	25-FEB-2011	19:27:53.332	19:39:19.131	685.79900
JO	82876	25-FEB-2011	20:47:04.317	21:02:05.898	901.58100
HO	82877	25-FEB-2011	22:01:54.497	22:12:13.832	619.33500
MM	82877	25-FEB-2011	22:07:47.479	22:20:19.043	751.56400
MA	82877	25-FEB-2011	21:05:56.361	21:19:16.457	800.09600
JO	82877	25-FEB-2011	22:28:28.288	22:37:51.572	563.28400
HO	82878	25-FEB-2011	23:38:11.696	23:52:34.856	863.16000
MM	82878	25-FEB-2011	23:48:39.234	00:00:17.458	698.22400
MS	82878	25-FEB-2011	22:43:53.335	22:56:55.398	782.06300

[[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

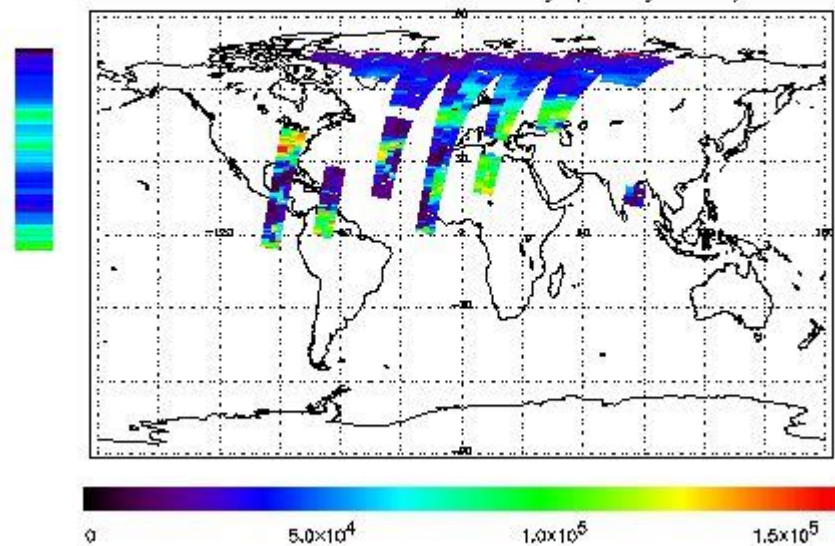
2.2 - Daily Plots

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-FEB-2011 00:09:09.844 : ORBIT : 82864.5337
 Last Product : 25-FEB-2011 23:04:33.285 : ORBIT : 82878.2057
 Total Products Processed : 12945 Day : 58 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
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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