

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-JAN-2010
Start Time of First Product	00:45:00
Stop Time of Last Product	22:55:40
Number of EGOI Products analysed	34
Number of corrupted products	1
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100111BEEP1614.E2	11-JAN-2010	02:55:32.619
EGOI_100111BEEP1620.E2	11-JAN-2010	04:36:30.238
EGOI_100111CMEP6183.E2	11-JAN-2010	14:50:38.534
EGOI_100111CMEP6190.E2	11-JAN-2010	16:25:54.123
EGOI_100111CMEP6197.E2	11-JAN-2010	18:08:17.258
EGOI_100111GSEP7073.E2	11-JAN-2010	00:52:54.367
EGOI_100111GSEP7105.E2	11-JAN-2010	02:29:02.455
EGOI_100111GSEP7130.E2	11-JAN-2010	04:09:49.577
EGOI_100111GSEP7137.E2	11-JAN-2010	05:52:06.709

EGOI_100111KSEP5100.E2	11-JAN-2010	06:10:39.825
EGOI_100111KSEP5131.E2	11-JAN-2010	07:50:28.437
EGOI_100111KSEP5154.E2	11-JAN-2010	09:30:06.557
EGOI_100111KSEP5189.E2	11-JAN-2010	11:09:44.669
EGOI_100111KSEP5220.E2	11-JAN-2010	12:48:58.785
EGOI_100111KSEP5234.E2	11-JAN-2010	14:27:51.893
EGOI_100111KSEP5251.E2	11-JAN-2010	16:05:34.498
EGOI_100111KSEP5279.E2	11-JAN-2010	17:43:30.601
EGOI_100111KSEP5313.E2	11-JAN-2010	19:21:28.204
EGOI_100111KSEP5343.E2	11-JAN-2010	21:01:30.327
EGOI_100111KSEP5373.E2	11-JAN-2010	22:44:00.957
EGOI_100111MAEP7743.E2	11-JAN-2010	09:37:51.600
EGOI_100111MAEP7764.E2	11-JAN-2010	20:53:54.280
EGOI_100111MIEP0017.E2	11-JAN-2010	16:24:07.611
EGOI_100111MIEP9987.E2	11-JAN-2010	14:46:16.007
EGOI_100111MMEP2937.E2	11-JAN-2010	13:37:47.084
EGOI_100111MMEP2948.E2	11-JAN-2010	16:56:54.311
EGOI_100111MSEP0971.E2	11-JAN-2010	00:45:00.320
EGOI_100111MSEP0990.E2	11-JAN-2010	11:22:50.751
EGOI_100111MSEP1015.E2	11-JAN-2010	13:03:10.872
EGOI_100111MSEP1039.E2	11-JAN-2010	22:34:21.898
EGOI_100111SGEP2848.E2	11-JAN-2010	03:15:44.745
EGOI_100111SGEP2855.E2	11-JAN-2010	04:51:57.336
EGOI_100111SGEP2862.E2	11-JAN-2010	14:05:11.256
EGOI_100111SGEP2869.E2	11-JAN-2010	15:41:31.349

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	76999	11-JAN-2010	06:09:15.842	06:10:39.824	83.982000
KS	77000	11-JAN-2010	07:48:10.485	07:50:28.437	137.95200
KS	77001	11-JAN-2010	09:27:46.091	09:30:06.557	140.46600
KS	77002	11-JAN-2010	11:07:20.945	11:09:44.669	143.72400
KS	77003	11-JAN-2010	12:46:37.287	12:48:58.785	141.49800
KS	77004	11-JAN-2010	14:25:25.329	14:27:51.893	146.56400
KS	77005	11-JAN-2010	16:03:10.633	16:05:34.498	143.86500
KS	77006	11-JAN-2010	17:41:05.863	17:43:30.600	144.73700
KS	77007	11-JAN-2010	19:19:29.650	19:21:28.203	118.55300
KS	77008	11-JAN-2010	20:59:38.902	21:01:30.327	111.42500
KS	77009	11-JAN-2010	22:42:02.862	22:44:00.957	118.09500
GS	76996	11-JAN-2010	00:51:22.214	00:52:54.366	92.152000

GS	76998	11-JAN-2010	04:07:54.215	04:09:49.576	115.36100
MS	76996	11-JAN-2010	00:43:20.775	00:45:00.319	99.544000
MS	77002	11-JAN-2010	11:20:20.141	11:22:50.751	150.61000
MS	77003	11-JAN-2010	13:00:48.427	13:03:10.871	142.44400
MS	77009	11-JAN-2010	22:29:59.131	22:34:21.898	262.76700
MS	77009	11-JAN-2010	22:29:59.131	22:31:54.878	115.74700
MA	77001	11-JAN-2010	09:35:51.190	09:37:51.599	120.40900
MA	77008	11-JAN-2010	20:51:24.562	20:53:54.279	149.71700
MI	77005	11-JAN-2010	16:21:53.209	16:24:07.611	134.40200
MI	77004	11-JAN-2010	14:44:10.847	14:46:16.006	125.15900
MM	77003	11-JAN-2010	13:36:23.341	13:37:47.083	83.742000
MM	77005	11-JAN-2010	16:55:12.555	16:56:54.311	101.75600
BE	76997	11-JAN-2010	02:53:12.076	02:55:32.618	140.54200
BE	76998	11-JAN-2010	04:33:34.075	04:36:30.238	176.16300
SG	76997	11-JAN-2010	03:04:24.980	03:15:44.745	679.76500
SG	76998	11-JAN-2010	04:45:33.364	04:51:57.335	383.97100
SG	77003	11-JAN-2010	14:03:05.242	14:05:11.255	126.01300
SG	77003	11-JAN-2010	14:09:06.782	14:10:40.584	93.802000
SG	77004	11-JAN-2010	15:39:01.305	15:41:31.348	150.04300
SG	77004	11-JAN-2010	15:43:11.859	15:52:48.022	576.16300
CM	77005	11-JAN-2010	16:24:35.739	16:25:54.122	78.383000
CM	77005	11-JAN-2010	16:26:06.122	16:37:00.947	654.82500

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	76995	10-JAN-2010	23:55:08.669	00:09:38.961	870.29200
MM	76995	11-JAN-2010	00:06:03.119	00:17:27.086	683.96700
HO	76996	11-JAN-2010	01:36:27.764	01:47:54.311	686.54700
MM	76996	11-JAN-2010	01:48:10.467	01:57:41.788	571.32100
MM	76997	11-JAN-2010	03:31:08.406	03:38:18.375	429.96900
MI	76997	11-JAN-2010	02:23:53.901	02:34:47.215	653.31400
CM	76997	11-JAN-2010	04:00:37.637	04:13:02.217	744.58000
MM	76998	11-JAN-2010	05:14:00.531	05:19:47.137	346.60600
MI	76998	11-JAN-2010	04:01:58.829	04:14:45.090	766.26100
MM	76999	11-JAN-2010	06:55:37.188	07:02:33.885	416.69700

JO	76999	11-JAN-2010	06:37:08.202	06:46:24.582	556.38000
MM	77000	11-JAN-2010	08:36:16.968	08:45:34.521	557.55300
MA	77000	11-JAN-2010	07:59:07.281	08:07:05.946	478.66500
JO	77000	11-JAN-2010	08:12:49.801	08:27:51.289	901.48800
MM	77001	11-JAN-2010	10:16:33.111	10:27:47.978	674.86700
JO	77001	11-JAN-2010	09:55:33.882	10:04:34.025	540.14300
MM	77002	11-JAN-2010	11:56:35.130	12:08:56.915	741.78500
MA	77002	11-JAN-2010	11:16:39.221	11:25:26.187	526.96600
BE	77004	11-JAN-2010	14:09:49.229	14:23:14.126	804.89700
MM	77004	11-JAN-2010	15:15:55.900	15:28:34.964	759.06400
GS	77004	11-JAN-2010	14:37:13.496	14:48:09.175	655.67900
BE	77005	11-JAN-2010	15:52:36.329	16:00:37.297	480.96800
GS	77005	11-JAN-2010	16:15:57.958	16:29:47.522	829.56400
MM	77006	11-JAN-2010	18:34:20.602	18:46:55.950	755.34800
GS	77006	11-JAN-2010	17:56:30.023	18:06:04.744	574.72100
MM	77007	11-JAN-2010	20:13:37.831	20:26:21.373	763.54200
MA	77007	11-JAN-2010	19:16:24.880	19:24:43.807	498.92700
JO	77007	11-JAN-2010	20:32:55.329	20:47:52.654	897.32500
HO	77008	11-JAN-2010	21:48:52.716	21:57:36.763	524.04700
MM	77008	11-JAN-2010	21:53:27.820	22:06:03.243	755.42300
HO	77009	11-JAN-2010	23:24:07.231	23:38:20.655	853.42400
MM	77009	11-JAN-2010	23:34:10.811	23:45:59.731	708.92000
MA	77009	11-JAN-2010	22:35:59.231	22:42:28.655	389.42400

[[BACK TO MENU](#)]

1.5 - List of corrupted products

Station	Orbit	Time
BE	76998	04:41:48.273

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

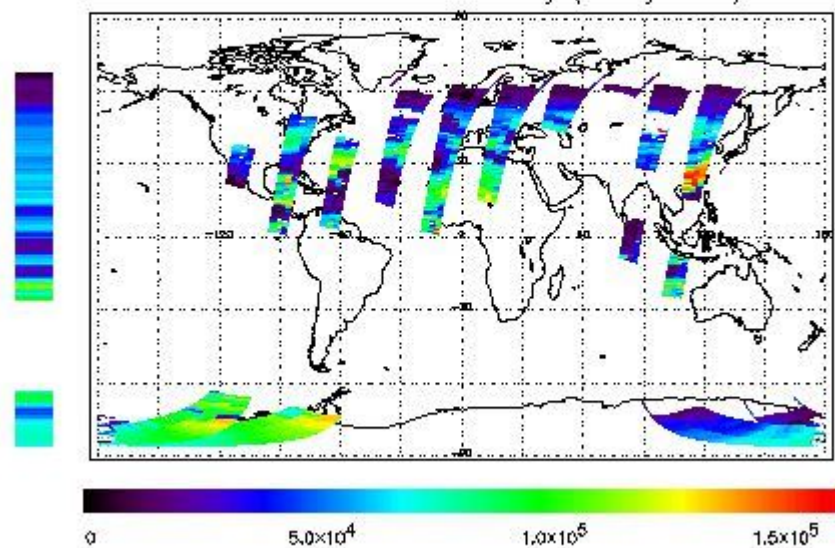
2.2 - Daily Plots

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-JAN-2010 00:45:00.320 : ORBIT : 76996.0328
 Last Product : 11-JAN-2010 22:55:40.023 : ORBIT : 77009.2602
 Total Products Processed : 14295 Day : 11 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