

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	10-JUN-2011
Start Time of First Product	23:54:29 (09-Jun)
Stop Time of Last Product	23:46:46
Number of EGOI Products analysed	32
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_110610GSEP4091.E2	10-JUN-2011	01:05:30.299
EGOI_110610GSEP4123.E2	10-JUN-2011	02:42:02.389
EGOI_110610GSEP4152.E2	10-JUN-2011	04:23:09.006
EGOI_110610GSEP4159.E2	10-JUN-2011	06:05:14.129
EGOI_110610KSEP6540.E2	10-JUN-2011	06:23:26.236
EGOI_110610KSEP6564.E2	10-JUN-2011	08:03:08.852
EGOI_110610KSEP6589.E2	10-JUN-2011	09:42:34.958
EGOI_110610KSEP6612.E2	10-JUN-2011	11:22:05.564
EGOI_110610KSEP6629.E2	10-JUN-2011	13:01:06.174

EGOI_110610KSEP6638.E2	10-JUN-2011	14:39:48.772
EGOI_110610KSEP6651.E2	10-JUN-2011	16:17:41.871
EGOI_110610KSEP6679.E2	10-JUN-2011	17:55:13.965
EGOI_110610KSEP6711.E2	10-JUN-2011	19:33:08.567
EGOI_110610KSEP6734.E2	10-JUN-2011	21:13:25.678
EGOI_110610KSEP6751.E2	10-JUN-2011	22:55:59.303
EGOI_110610MAEP8971.E2	10-JUN-2011	08:11:53.904
EGOI_110610MAEP8991.E2	10-JUN-2011	09:50:06.500
EGOI_110610MAEP9014.E2	10-JUN-2011	21:05:42.129
EGOI_110610MAEP9028.E2	10-JUN-2011	22:48:41.256
EGOI_110610MIEP4792.E2	10-JUN-2011	02:38:26.369
EGOI_110610MIEP4821.E2	10-JUN-2011	04:17:17.975
EGOI_110610MIEP4847.E2	10-JUN-2011	14:57:45.885
EGOI_110610MIEP4864.E2	10-JUN-2011	16:36:01.478
EGOI_110610MSEP0720.E2	10-JUN-2011	00:59:15.260
EGOI_110610MSEP0737.E2	10-JUN-2011	09:58:39.556
EGOI_110610MSEP0766.E2	10-JUN-2011	11:35:05.643
EGOI_110610MSEP0790.E2	10-JUN-2011	13:15:48.260
EGOI_110610MSEP0821.E2	10-JUN-2011	22:43:17.224
EGOI_110610SGEP3775.E2	10-JUN-2011	03:19:43.115
EGOI_110610SGEP3783.E2	10-JUN-2011	05:01:43.740
EGOI_110610SGEP3788.E2	10-JUN-2011	14:16:05.131
EGOI_110610SGEP3796.E2	10-JUN-2011	15:53:41.721

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### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	84367	10-JUN-2011	00:09:13.586	00:23:50.793	877.20700
MM	84367	10-JUN-2011	00:20:34.519	00:31:45.413	670.89400
HO	84368	10-JUN-2011	01:52:05.858	02:01:33.980	568.12200
MM	84368	10-JUN-2011	02:02:50.680	02:12:02.452	551.77200
BE	84369	10-JUN-2011	03:07:23.469	03:20:47.766	804.29700
MM	84369	10-JUN-2011	03:45:52.487	03:52:43.879	411.39200
CM	84369	10-JUN-2011	02:39:34.344	02:44:54.386	320.04200
CM	84369	10-JUN-2011	04:14:49.445	04:27:11.014	741.56900
BE	84370	10-JUN-2011	04:48:11.052	04:57:04.900	533.84800
MM	84370	10-JUN-2011	05:28:36.727	05:34:23.870	347.14300

MM	84371	10-JUN-2011	07:10:02.385	07:17:18.004	435.61900
JO	84371	10-JUN-2011	06:50:14.626	07:01:17.083	662.45700
MM	84372	10-JUN-2011	08:50:37.467	09:00:14.391	576.92400
JO	84372	10-JUN-2011	08:27:02.652	08:42:00.522	897.87000
MM	84373	10-JUN-2011	10:30:51.350	10:42:18.968	687.61800
MM	84374	10-JUN-2011	12:10:51.474	12:23:18.788	747.31400
MA	84374	10-JUN-2011	11:31:18.529	11:39:02.710	464.18100
MM	84375	10-JUN-2011	13:50:37.569	14:03:21.470	763.90100
SG	84375	10-JUN-2011	14:16:00.872	14:25:59.437	598.56500
BE	84376	10-JUN-2011	14:24:04.915	14:37:23.845	798.93000
MM	84376	10-JUN-2011	15:30:07.766	15:42:45.474	757.70800
GS	84376	10-JUN-2011	14:51:10.066	15:03:36.336	746.27000
CM	84376	10-JUN-2011	15:03:02.024	15:08:00.328	298.30400
MM	84377	10-JUN-2011	17:09:22.505	17:21:54.064	751.55900
GS	84377	10-JUN-2011	16:30:13.416	16:43:49.819	816.40300
CM	84377	10-JUN-2011	16:38:48.406	16:51:07.691	739.28500
MM	84378	10-JUN-2011	18:48:30.539	19:01:07.163	756.62400
GS	84378	10-JUN-2011	18:11:04.962	18:19:22.032	497.07000
JO	84378	10-JUN-2011	19:10:25.449	19:19:16.979	531.53000
MM	84379	10-JUN-2011	20:27:50.996	20:40:34.946	763.95000
MA	84379	10-JUN-2011	19:27:53.332	19:39:19.131	685.79900
JO	84379	10-JUN-2011	20:47:04.317	21:02:05.898	901.58100
HO	84380	10-JUN-2011	22:01:54.497	22:12:13.832	619.33500
MM	84380	10-JUN-2011	22:07:47.479	22:20:19.043	751.56400
JO	84380	10-JUN-2011	22:28:28.288	22:37:51.572	563.28400
HO	84381	10-JUN-2011	23:38:11.696	23:52:34.856	863.16000
MM	84381	10-JUN-2011	23:48:39.234	00:00:17.458	698.22400

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## 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

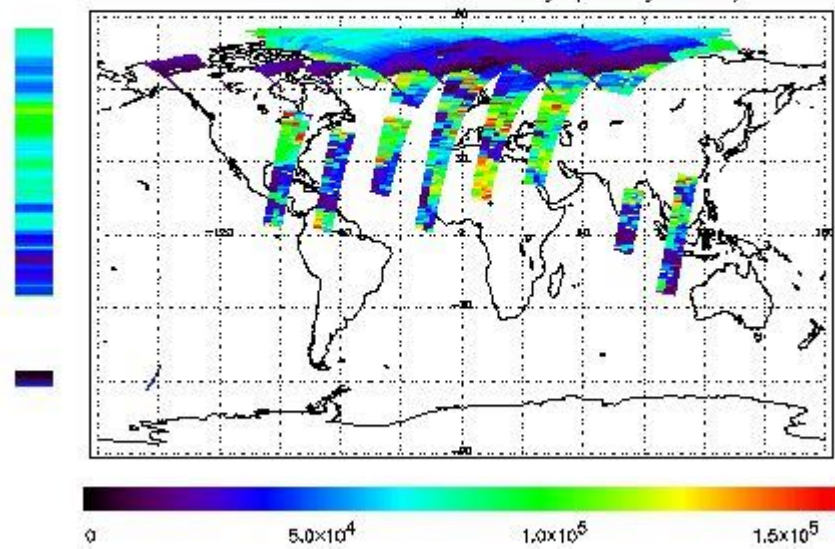
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	OK
Polarization Detectors	OK
FPA Temperatures A	OK
FPA Temperaturas 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](#)

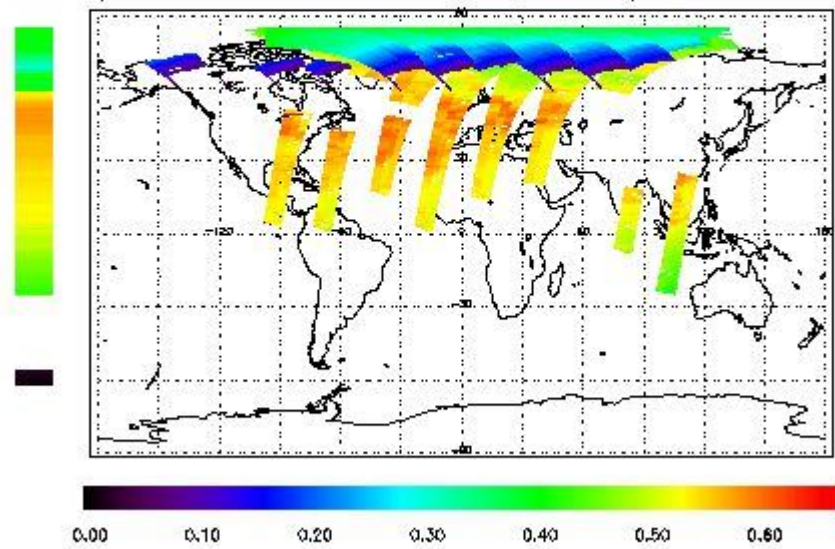
NEAR IR Intensity

778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

331/313 nm Uncalibrated Line Ratio, SZA Dependence Removed



PMD Image (Earthshine Radiance)



## 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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(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