

# 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	13-JUN-2011
Start Time of First Product	00:59:15
Stop Time of Last Product	23:07:03
Number of EGOI Products analysed	36
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_110613CMEP7300.E2	13-JUN-2011	02:39:04.752
EGOI_110613CMEP7308.E2	13-JUN-2011	04:14:53.334
EGOI_110613CMEP7317.E2	13-JUN-2011	15:01:48.288
EGOI_110613CMEP7325.E2	13-JUN-2011	16:37:53.375
EGOI_110613GSEP4288.E2	13-JUN-2011	01:05:25.178
EGOI_110613GSEP4320.E2	13-JUN-2011	02:41:58.771
EGOI_110613GSEP4349.E2	13-JUN-2011	04:23:08.388
EGOI_110613GSEP4356.E2	13-JUN-2011	06:05:16.516
EGOI_110613KSEP7188.E2	13-JUN-2011	06:23:22.619

EGOI_110613KSEP7212.E2	13-JUN-2011	08:03:08.234
EGOI_110613KSEP7236.E2	13-JUN-2011	09:42:34.340
EGOI_110613KSEP7259.E2	13-JUN-2011	11:22:06.447
EGOI_110613KSEP7276.E2	13-JUN-2011	13:01:07.053
EGOI_110613KSEP7285.E2	13-JUN-2011	14:39:48.159
EGOI_110613KSEP7299.E2	13-JUN-2011	16:17:42.758
EGOI_110613KSEP7327.E2	13-JUN-2011	17:55:16.348
EGOI_110613KSEP7359.E2	13-JUN-2011	19:33:07.946
EGOI_110613KSEP7381.E2	13-JUN-2011	21:13:14.560
EGOI_110613KSEP7397.E2	13-JUN-2011	22:55:42.189
EGOI_110613MAEP9180.E2	13-JUN-2011	08:11:45.783
EGOI_110613MAEP9198.E2	13-JUN-2011	09:50:10.387
EGOI_110613MAEP9215.E2	13-JUN-2011	21:05:40.012
EGOI_110613MAEP9228.E2	13-JUN-2011	22:48:51.142
EGOI_110613MIEP5088.E2	13-JUN-2011	02:38:25.744
EGOI_110613MIEP5117.E2	13-JUN-2011	04:17:18.849
EGOI_110613MIEP5143.E2	13-JUN-2011	14:57:42.265
EGOI_110613MIEP5161.E2	13-JUN-2011	16:36:03.863
EGOI_110613MSEP1077.E2	13-JUN-2011	00:59:14.638
EGOI_110613MSEP1092.E2	13-JUN-2011	09:58:32.939
EGOI_110613MSEP1121.E2	13-JUN-2011	11:35:06.526
EGOI_110613MSEP1145.E2	13-JUN-2011	13:15:47.640
EGOI_110613MSEP1176.E2	13-JUN-2011	22:43:18.111
EGOI_110613SGEP3839.E2	13-JUN-2011	03:19:45.498
EGOI_110613SGEP3847.E2	13-JUN-2011	05:01:43.119
EGOI_110613SGEP3853.E2	13-JUN-2011	14:16:00.015
EGOI_110613SGEP3860.E2	13-JUN-2011	15:53:32.109

[ [BACK TO MENU](#) ]

### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
---------	-------	------	------------	-----------	--------------

[ [BACK TO MENU](#) ]

### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	84410	13-JUN-2011	00:14:53.352	00:29:31.589	878.23700
MM	84410	13-JUN-2011	00:26:23.456	00:37:28.821	665.36500
HO	84411	13-JUN-2011	01:58:12.898	02:06:52.473	519.57500
MM	84411	13-JUN-2011	02:08:43.054	02:17:46.843	543.78900
BE	84412	13-JUN-2011	03:13:04.814	03:26:26.856	802.04200
MM	84412	13-JUN-2011	03:51:46.052	03:58:30.399	404.34700
BE	84413	13-JUN-2011	04:54:04.276	05:02:21.707	497.43100

MM	84413	13-JUN-2011	05:34:26.679	05:40:15.067	348.38800
MM	84414	13-JUN-2011	07:15:48.181	07:23:11.652	443.47100
JO	84414	13-JUN-2011	06:55:33.912	07:07:10.522	696.61000
MM	84415	13-JUN-2011	08:56:21.553	09:06:06.027	584.47400
JO	84415	13-JUN-2011	08:32:45.776	08:47:38.960	893.18400
MM	84416	13-JUN-2011	10:36:34.570	10:48:06.984	692.41400
MM	84417	13-JUN-2011	12:16:33.931	12:29:03.202	749.27100
MA	84417	13-JUN-2011	11:37:06.351	11:44:17.141	430.79000
MM	84418	13-JUN-2011	13:56:19.168	14:09:03.102	763.93400
SG	84418	13-JUN-2011	14:21:19.026	14:31:59.531	640.50500
BE	84419	13-JUN-2011	14:29:49.004	14:43:02.859	793.85500
MM	84419	13-JUN-2011	15:35:48.420	15:48:25.587	757.16700
GS	84419	13-JUN-2011	14:56:46.011	15:09:28.274	762.26300
MM	84420	13-JUN-2011	17:15:02.439	17:27:33.974	751.53500
GS	84420	13-JUN-2011	16:35:56.096	16:49:25.267	809.17100
MM	84421	13-JUN-2011	18:54:10.576	19:06:47.734	757.15800
GS	84421	13-JUN-2011	18:16:57.033	18:24:37.771	460.73800
JO	84421	13-JUN-2011	19:15:40.490	19:25:29.042	588.55200
MM	84422	13-JUN-2011	20:33:32.467	20:46:16.469	764.00200
MA	84422	13-JUN-2011	19:33:20.533	19:45:07.509	706.97600
JO	84422	13-JUN-2011	20:52:45.119	21:07:45.239	900.12000
HO	84423	13-JUN-2011	22:07:17.692	22:18:02.332	644.64000
MM	84423	13-JUN-2011	22:13:31.658	22:26:01.441	749.78300
JO	84423	13-JUN-2011	22:34:29.856	22:43:00.452	510.59600
HO	84424	13-JUN-2011	23:43:52.514	23:58:16.072	863.55800
MM	84424	13-JUN-2011	23:54:26.980	00:06:00.624	693.64400

[ [BACK TO MENU](#) ]

## 1.5 - List of corrupted products

Station	Orbit	Time
KS	84386	07:40:11.504

## 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

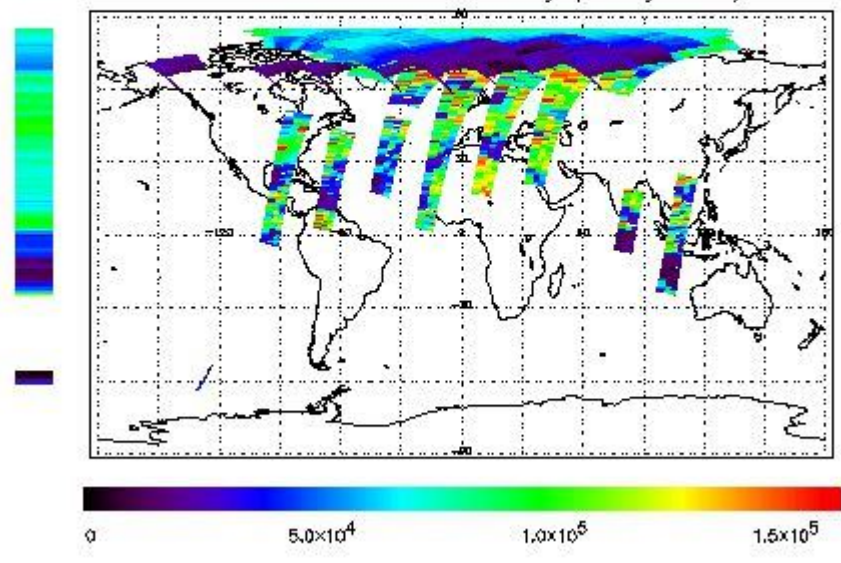
## 2.2 - Daily Plots

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

First Product : 13-JUN-2011 00:59:14.638 : ORBIT : 84410.9744  
Last Product : 13-JUN-2011 23:07:03.251 : ORBIT : 84424.1734  
Total Products Processed : 18508 Day : 184 Page : 21

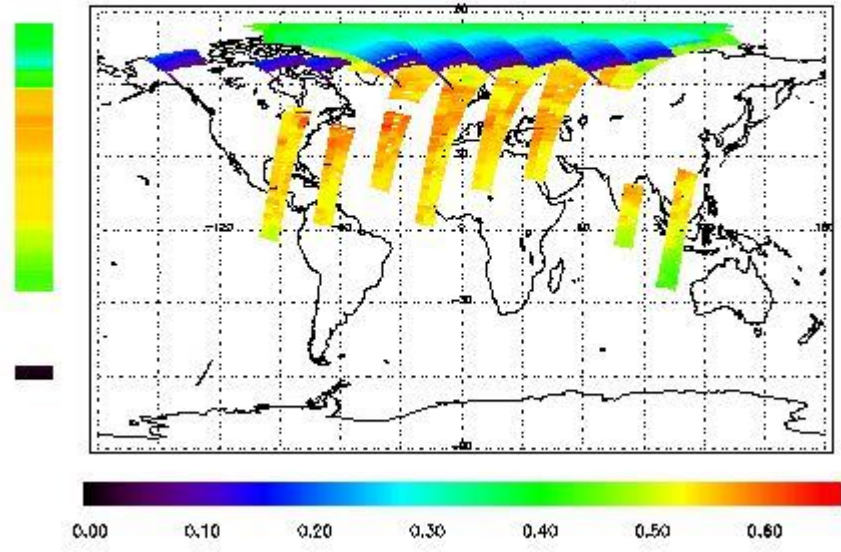
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 13-JUN-2011 00:59:14.638 : ORBIT : 84410.9744  
Last Product : 13-JUN-2011 23:07:03.251 : ORBIT : 84424.1734  
Total Products Processed : 18508 Day : 184 Page : 20

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
--	--	--	--	--

### 5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility
--	--	--

### 5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

### 5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

### 5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	End Orbit
--	--	--	--

### 5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
--	--	--	--