

# 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-JUN-2010
Start Time of First Product	00:26:06
Stop Time of Last Product	22:37:53
Number of EGOI Products analysed	29
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_100626GSEP9396.E2	26-JUN-2010	02:11:34.911
EGOI_100626GSEP9426.E2	26-JUN-2010	03:51:32.521
EGOI_100626GSEP9435.E2	26-JUN-2010	05:34:09.149
EGOI_100626KSEP6447.E2	26-JUN-2010	07:32:17.362
EGOI_100626KSEP6465.E2	26-JUN-2010	09:12:17.973
EGOI_100626KSEP6486.E2	26-JUN-2010	10:51:57.583
EGOI_100626KSEP6511.E2	26-JUN-2010	12:31:16.189
EGOI_100626KSEP6521.E2	26-JUN-2010	14:10:13.792
EGOI_100626KSEP6547.E2	26-JUN-2010	15:48:08.391

EGOI_100626KSEP6576.E2	26-JUN-2010	17:25:59.991
EGOI_100626KSEP6608.E2	26-JUN-2010	19:03:51.589
EGOI_100626KSEP6639.E2	26-JUN-2010	20:43:28.192
EGOI_100626KSEP6661.E2	26-JUN-2010	22:25:27.315
EGOI_100626MAEP3774.E2	26-JUN-2010	09:19:31.520
EGOI_100626MAEP3782.E2	26-JUN-2010	10:59:35.130
EGOI_100626MAEP3799.E2	26-JUN-2010	22:17:27.272
EGOI_100626MMEP0220.E2	26-JUN-2010	01:31:06.165
EGOI_100626MMEP0227.E2	26-JUN-2010	03:13:39.794
EGOI_100626MMEP0237.E2	26-JUN-2010	08:19:26.656
EGOI_100626MMEP0244.E2	26-JUN-2010	10:00:00.266
EGOI_100626MMEP0252.E2	26-JUN-2010	11:40:15.881
EGOI_100626MMEP0266.E2	26-JUN-2010	21:38:06.025
EGOI_100626MSEP0237.E2	26-JUN-2010	00:26:05.765
EGOI_100626MSEP0259.E2	26-JUN-2010	11:05:08.162
EGOI_100626MSEP0286.E2	26-JUN-2010	12:44:55.273
EGOI_100626MSEP0312.E2	26-JUN-2010	22:14:46.756
EGOI_100626SGEP6600.E2	26-JUN-2010	02:58:00.692
EGOI_100626SGEP6607.E2	26-JUN-2010	04:35:04.282
EGOI_100626SGEP6614.E2	26-JUN-2010	17:08:32.885

[ [BACK TO MENU](#) ]

### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79376	26-JUN-2010	07:31:07.814	07:32:17.362	69.548000
KS	79377	26-JUN-2010	09:10:41.218	09:12:17.973	96.755000
KS	79378	26-JUN-2010	10:50:17.507	10:51:57.582	100.07500
KS	79379	26-JUN-2010	12:29:38.333	12:31:16.188	97.855000
KS	79380	26-JUN-2010	14:08:31.234	14:10:13.792	102.55800
KS	79381	26-JUN-2010	15:46:25.765	15:48:08.391	102.62600
KS	79382	26-JUN-2010	17:24:18.516	17:25:59.990	101.47400
KS	79383	26-JUN-2010	19:02:30.154	19:03:51.588	81.434000
KS	79384	26-JUN-2010	20:42:20.352	20:43:28.192	67.840000
KS	79385	26-JUN-2010	22:24:17.861	22:25:27.314	69.453000
GS	79374	26-JUN-2010	03:50:17.158	03:51:32.521	75.363000
MS	79372	26-JUN-2010	00:24:58.334	00:26:05.765	67.431000
MS	79378	26-JUN-2010	11:03:28.052	11:05:08.161	100.10900
MS	79379	26-JUN-2010	12:43:10.566	12:44:55.273	104.70700
MS	79385	26-JUN-2010	22:13:29.082	22:14:46.755	77.673000
MS	79386	26-JUN-2010	23:52:23.174	23:53:45.855	82.681000

MM	79384	26-JUN-2010	21:36:17.673	21:38:06.024	108.35100
SG	79373	26-JUN-2010	02:47:47.171	02:58:00.692	613.52100
SG	79374	26-JUN-2010	04:27:34.919	04:35:04.282	449.36300

[ [BACK TO MENU](#) ]

#### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	79371	25-JUN-2010	23:48:39.233	00:00:17.457	698.22400
HO	79372	26-JUN-2010	01:18:39.508	01:31:19.391	759.88300
GS	79372	26-JUN-2010	00:35:33.461	00:42:46.614	433.15300
BE	79373	26-JUN-2010	02:36:14.397	02:49:24.768	790.37100
MI	79373	26-JUN-2010	02:07:55.232	02:17:04.503	549.27100
CM	79373	26-JUN-2010	03:43:47.133	03:55:54.806	727.67300
BE	79374	26-JUN-2010	04:16:09.711	04:27:29.567	679.85600
MM	79374	26-JUN-2010	04:56:26.717	05:02:17.523	350.80600
MI	79374	26-JUN-2010	03:44:41.309	03:57:55.976	794.66700
MM	79375	26-JUN-2010	06:38:17.454	06:44:53.260	395.80600
KS	79375	26-JUN-2010	05:52:41.827	05:56:43.246	241.41900
CM	79375	26-JUN-2010	05:25:39.731	05:32:48.299	428.56800
JO	79375	26-JUN-2010	06:22:01.994	06:28:01.964	359.97000
JO	79376	26-JUN-2010	07:55:55.596	08:10:46.585	890.98900
JO	79377	26-JUN-2010	09:37:12.120	09:48:35.834	683.71400
MM	79379	26-JUN-2010	13:19:17.844	13:32:00.097	762.25300
HO	79380	26-JUN-2010	15:08:50.649	15:17:23.736	513.08700
MM	79380	26-JUN-2010	14:58:53.218	15:11:33.849	760.63100
MI	79380	26-JUN-2010	14:28:29.537	14:35:04.081	394.54400
GS	79380	26-JUN-2010	14:20:37.972	14:30:54.262	616.29000
SG	79380	26-JUN-2010	15:21:58.720	15:35:51.289	832.56900
BE	79381	26-JUN-2010	15:34:18.815	15:44:23.439	604.62400
MM	79381	26-JUN-2010	16:38:12.365	16:50:44.788	752.42300
MI	79381	26-JUN-2010	16:04:46.282	16:18:08.160	801.87800
GS	79381	26-JUN-2010	15:58:53.797	16:12:49.830	836.03300
CM	79381	26-JUN-2010	16:07:41.543	16:19:53.178	731.63500
MM	79382	26-JUN-2010	18:17:20.904	18:29:54.887	753.98300
MI	79382	26-JUN-2010	17:47:23.317	17:52:32.378	309.06100
GS	79382	26-JUN-2010	17:39:06.797	17:49:56.266	649.46900

CM	79382	26-JUN-2010	17:49:02.211	17:56:15.842	433.63100
MM	79383	26-JUN-2010	19:56:34.922	20:09:17.545	762.62300
MA	79383	26-JUN-2010	19:00:51.430	19:05:59.762	308.33200
JO	79383	26-JUN-2010	20:16:02.667	20:30:39.249	876.58200
MA	79384	26-JUN-2010	20:34:25.645	20:48:06.172	820.52700
JO	79384	26-JUN-2010	21:56:01.261	22:08:39.125	757.86400
HO	79385	26-JUN-2010	23:07:28.546	23:21:12.868	824.32200
MM	79385	26-JUN-2010	23:16:50.465	23:28:50.810	720.34500

[ [BACK TO MENU](#) ]

## 1.5 - List of corrupted products

Station	Orbit	Time
---------	-------	------

## 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

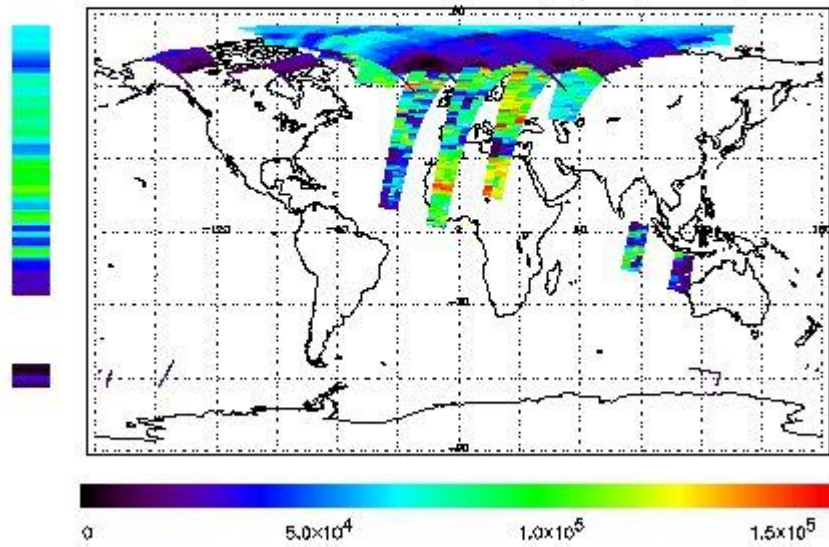
## 2.2 - Daily Plots

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

FRet Product : 26-JUN-2010 00:26:05.765 : ORBIT : 79372.0163  
 Last Product : 26-JUN-2010 22:37:52.897 : ORBIT : 79385.2549  
 Total Products Processed : 13721 Day : 177 Page : 21

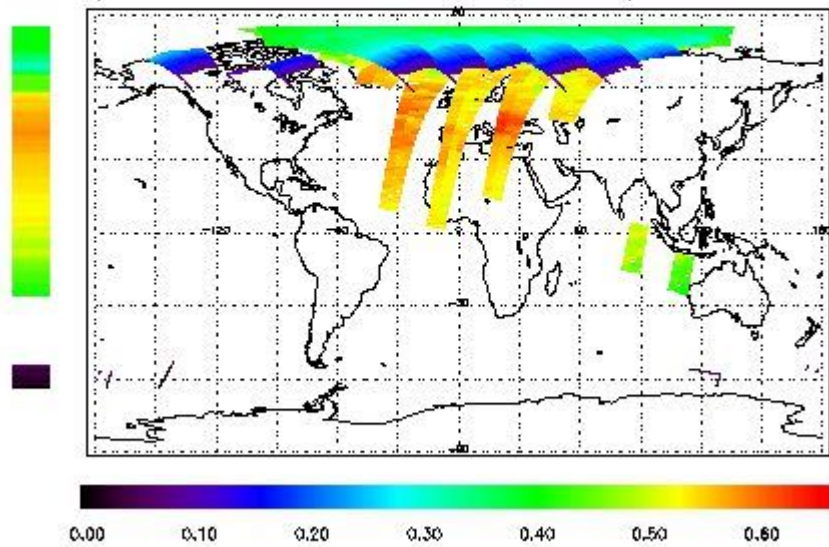
778 nm Uncalibrated Intensity (Binary Units)



### Ozone Line Ratio

FRet Product : 26-JUN-2010 00:26:05.765 : ORBIT : 79372.0163  
 Last Product : 26-JUN-2010 22:37:52.897 : ORBIT : 79385.2549  
 Total Products Processed : 13721 Day : 177 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
--	--	--	--