

# 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	27-JUL-2010
Start Time of First Product	00:25:28
Stop Time of Last Product	22:53:12
Number of EGOI Products analysed	23
Number of corrupted products	--
Anomalies and/or Special Operations	No solar calibration measurements available due to missing data

### 1.2 - List of received products

Name	Date	Time
EGOI_100727GSEP1526.E2	27-JUL-2010	01:00:24.893
EGOI_100727GSEP1548.E2	27-JUL-2010	02:36:56.979
EGOI_100727GSEP1573.E2	27-JUL-2010	04:18:06.596
EGOI_100727GSEP1580.E2	27-JUL-2010	06:00:35.726
EGOI_100727HLEP6335.E2	27-JUL-2010	00:05:27.556
EGOI_100727HLEP6343.E2	27-JUL-2010	01:47:16.182
EGOI_100727KSEP3222.E2	27-JUL-2010	06:18:37.331
EGOI_100727KSEP3240.E2	27-JUL-2010	07:58:30.441
EGOI_100727KSEP3261.E2	27-JUL-2010	09:38:08.551

EGOI_100727KSEP3291.E2	27-JUL-2010	11:17:43.661
EGOI_100727MAEP4944.E2	27-JUL-2010	08:07:18.491
EGOI_100727MAEP4956.E2	27-JUL-2010	09:45:46.097
EGOI_100727MAEP4973.E2	27-JUL-2010	21:02:06.726
EGOI_100727MIEP7340.E2	27-JUL-2010	02:33:44.964
EGOI_100727MIEP7361.E2	27-JUL-2010	04:13:09.565
EGOI_100727MMEP2055.E2	27-JUL-2010	00:15:36.618
EGOI_100727MMEP2063.E2	27-JUL-2010	01:57:37.241
EGOI_100727MMEP2070.E2	27-JUL-2010	03:40:30.366
EGOI_100727MMEP2079.E2	27-JUL-2010	12:06:19.957
EGOI_100727MSEP3825.E2	27-JUL-2010	00:53:41.354
EGOI_100727MSEP3848.E2	27-JUL-2010	11:30:46.740
EGOI_100727MSEP3872.E2	27-JUL-2010	13:11:32.349
EGOI_100727MSEP3899.E2	27-JUL-2010	22:39:47.816

[ [BACK TO MENU](#) ]

### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79820	27-JUL-2010	07:56:42.143	07:58:30.441	108.29800
KS	79821	27-JUL-2010	09:36:18.517	09:38:08.550	110.03300
KS	79822	27-JUL-2010	11:15:52.470	11:17:43.660	111.19000
GS	79816	27-JUL-2010	00:59:22.512	01:00:24.892	62.380000
GS	79817	27-JUL-2010	02:35:44.913	02:36:56.979	72.066000
GS	79818	27-JUL-2010	04:16:47.408	04:18:06.596	79.188000
MS	79822	27-JUL-2010	11:28:48.905	11:30:46.740	117.83500
MS	79823	27-JUL-2010	13:09:38.678	13:11:32.349	113.67100
MS	79829	27-JUL-2010	22:38:18.712	22:39:47.816	89.104000
MA	79821	27-JUL-2010	09:44:21.695	09:45:46.096	84.401000
MA	79828	27-JUL-2010	21:00:04.104	21:02:06.725	122.62100
MI	79817	27-JUL-2010	02:32:00.883	02:33:44.964	104.08100
MI	79818	27-JUL-2010	04:10:42.490	04:13:09.564	147.07400
MM	79822	27-JUL-2010	12:05:08.970	12:06:19.957	70.987000

[ [BACK TO MENU](#) ]

### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	79815	27-JUL-2010	00:03:36.682	00:18:10.306	873.62400
HO	79816	27-JUL-2010	01:45:47.491	01:56:09.933	622.44200
BE	79817	27-JUL-2010	03:01:42.569	03:15:07.689	805.12000

SG	79817	27-JUL-2010	03:12:48.618	03:26:33.745	825.12700
CM	79817	27-JUL-2010	02:34:54.763	02:38:21.306	206.54300
CM	79817	27-JUL-2010	04:09:07.665	04:21:32.310	744.64500
BE	79818	27-JUL-2010	04:42:19.350	04:51:45.911	566.56100
MM	79818	27-JUL-2010	05:22:46.472	05:28:32.956	346.48400
SG	79818	27-JUL-2010	04:54:46.131	05:02:40.347	474.21600
MM	79819	27-JUL-2010	07:04:16.431	07:11:24.346	427.91500
JO	79819	27-JUL-2010	06:44:57.804	06:55:21.826	624.02200
MM	79820	27-JUL-2010	08:44:53.316	08:54:22.572	569.25600
JO	79820	27-JUL-2010	08:21:20.669	08:36:21.354	900.68500
MM	79821	27-JUL-2010	10:25:08.087	10:36:30.734	682.64700
JO	79821	27-JUL-2010	10:05:02.947	10:12:16.295	433.34800
MA	79822	27-JUL-2010	11:25:28.500	11:33:40.289	491.78900
MM	79823	27-JUL-2010	13:44:55.917	13:57:39.710	763.79300
KS	79823	27-JUL-2010	12:55:06.352	13:07:44.802	758.45000
SG	79823	27-JUL-2010	14:10:46.579	14:19:55.731	549.15200
BE	79824	27-JUL-2010	14:18:21.872	14:31:44.319	802.44700
MM	79824	27-JUL-2010	15:24:27.059	15:37:05.310	758.25100
MI	79824	27-JUL-2010	14:52:15.711	15:02:44.874	629.16300
KS	79824	27-JUL-2010	14:33:51.553	14:45:26.936	695.38300
GS	79824	27-JUL-2010	14:45:34.827	14:56:23.626	648.79900
SG	79824	27-JUL-2010	15:47:36.803	16:01:12.180	815.37700
CM	79824	27-JUL-2010	14:58:35.379	15:01:02.735	147.35600
BE	79825	27-JUL-2010	16:02:00.165	16:08:31.295	391.13000
MM	79825	27-JUL-2010	17:03:42.545	17:16:14.169	751.62400
MI	79825	27-JUL-2010	16:30:29.449	16:43:20.251	770.80200
KS	79825	27-JUL-2010	16:11:32.921	16:23:37.630	724.70900
GS	79825	27-JUL-2010	16:24:31.019	16:38:13.529	822.51000
CM	79825	27-JUL-2010	16:33:06.539	16:45:30.048	743.50900
MM	79826	27-JUL-2010	18:42:50.538	18:55:26.640	756.10200
KS	79826	27-JUL-2010	17:49:27.396	18:02:33.580	786.18400
GS	79826	27-JUL-2010	18:05:14.210	18:14:04.353	530.14300
JO	79826	27-JUL-2010	19:05:16.278	19:12:58.635	462.35700
MM	79827	27-JUL-2010	20:22:09.644	20:34:53.474	763.83000
MA	79827	27-JUL-2010	19:24:22.866	19:33:29.827	546.96100
KS	79827	27-JUL-2010	19:28:00.447	19:41:59.474	839.02700

JO	79827	27-JUL-2010	20:41:24.195	20:56:25.441	901.24600
HO	79828	27-JUL-2010	21:56:39.675	22:06:24.231	584.55600
MM	79828	27-JUL-2010	22:02:03.481	22:14:36.688	753.20700
KS	79828	27-JUL-2010	21:08:19.630	21:21:36.900	797.27000
JO	79828	27-JUL-2010	22:22:29.865	22:32:38.840	608.97500
HO	79829	27-JUL-2010	23:32:31.285	23:46:53.394	862.10900
MM	79829	27-JUL-2010	23:42:51.704	23:54:34.335	702.63100
MA	79829	27-JUL-2010	22:45:40.980	22:50:13.003	272.02300
KS	79829	27-JUL-2010	22:50:57.519	23:01:05.638	608.11900

[ [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 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

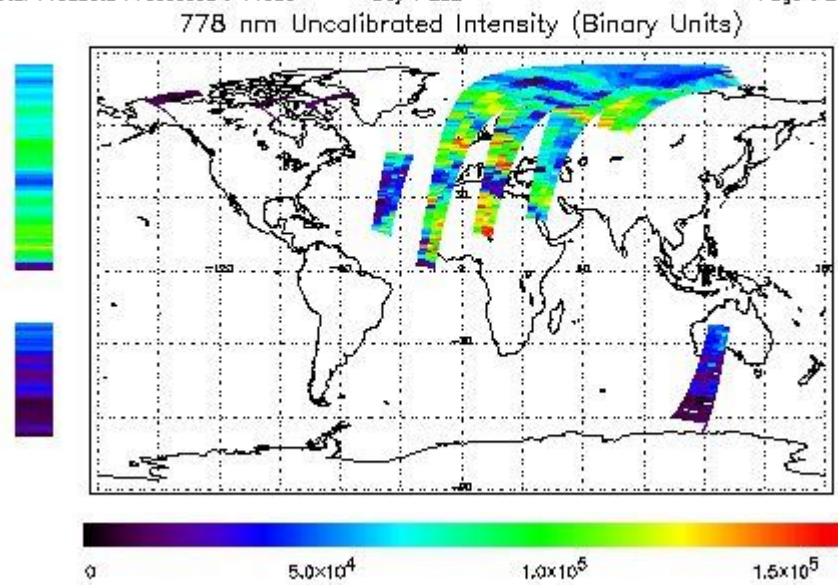
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

## 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](#)

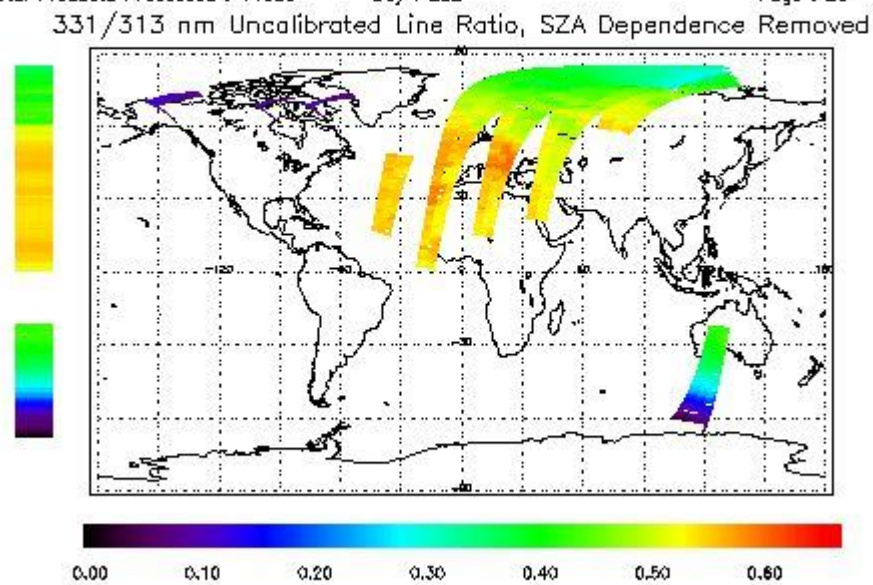
### NEAR IR Intensity

First Product : 27-JUL-2010 00:05:27.556 : ORBIT : 79815.5540  
 Last Product : 27-JUL-2010 22:53:11.898 : ORBIT : 79829.1500  
 Total Products Processed : 11030 Day : 208 Page : 21



### Ozone Line Ratio

First Product : 27-JUL-2010 00:05:27.556 : ORBIT : 79815.5540  
 Last Product : 27-JUL-2010 22:53:11.898 : ORBIT : 79829.1500  
 Total Products Processed : 11030 Day : 208 Page : 20



### 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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