

# 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	03-NOV-2010
Start Time of First Product	23:54:48 (02-Nov)
Stop Time of Last Product	23:45:46
Number of EGOI Products analysed	42
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_101103CMEP1361.E2	03-NOV-2010	16:23:08.838
EGOI_101103CMEP1373.E2	03-NOV-2010	18:05:13.964
EGOI_101103GSEP8569.E2	03-NOV-2010	02:28:35.191
EGOI_101103GSEP8596.E2	03-NOV-2010	04:06:53.795
EGOI_101103GSEP8605.E2	03-NOV-2010	05:49:21.432
EGOI_101103HLEP8347.E2	02-NOV-2010	23:54:47.739
EGOI_101103HLEP8361.E2	03-NOV-2010	15:26:02.489
EGOI_101103HLEP8369.E2	03-NOV-2010	21:48:33.345
EGOI_101103HLEP8374.E2	03-NOV-2010	23:23:42.934

EGOI_101103KSEP7098.E2	03-NOV-2010	07:47:22.156
EGOI_101103KSEP7120.E2	03-NOV-2010	09:27:22.774
EGOI_101103KSEP7150.E2	03-NOV-2010	11:06:59.386
EGOI_101103KSEP7179.E2	03-NOV-2010	12:46:15.002
EGOI_101103KSEP7199.E2	03-NOV-2010	14:25:08.109
EGOI_101103KSEP7211.E2	03-NOV-2010	16:02:58.212
EGOI_101103KSEP7238.E2	03-NOV-2010	17:40:49.816
EGOI_101103KSEP7270.E2	03-NOV-2010	19:18:54.923
EGOI_101103KSEP7301.E2	03-NOV-2010	20:58:42.043
EGOI_101103KSEP7325.E2	03-NOV-2010	22:41:15.674
EGOI_101103MAEP9216.E2	03-NOV-2010	09:35:01.818
EGOI_101103MAEP9231.E2	03-NOV-2010	11:14:42.932
EGOI_101103MAEP9247.E2	03-NOV-2010	22:33:29.127
EGOI_101103MIEP4882.E2	03-NOV-2010	04:02:10.267
EGOI_101103MIEP4903.E2	03-NOV-2010	14:43:44.227
EGOI_101103MIEP4930.E2	03-NOV-2010	16:21:20.826
EGOI_101103MMEP7913.E2	03-NOV-2010	03:29:10.063
EGOI_101103MMEP7920.E2	03-NOV-2010	05:11:43.698
EGOI_101103MMEP7930.E2	03-NOV-2010	08:34:19.446
EGOI_101103MMEP7938.E2	03-NOV-2010	11:55:35.684
EGOI_101103MMEP7946.E2	03-NOV-2010	13:34:58.799
EGOI_101103MMEP7954.E2	03-NOV-2010	15:14:30.915
EGOI_101103MMEP7960.E2	03-NOV-2010	16:54:06.026
EGOI_101103MMEP7970.E2	03-NOV-2010	20:12:46.258
EGOI_101103MMEP7978.E2	03-NOV-2010	21:53:07.872
EGOI_101103MMEP7986.E2	03-NOV-2010	23:33:12.991
EGOI_101103MSEP5132.E2	03-NOV-2010	00:41:58.537
EGOI_101103MSEP5148.E2	03-NOV-2010	11:20:05.465
EGOI_101103MSEP5172.E2	03-NOV-2010	13:00:18.084
EGOI_101103MSEP5201.E2	03-NOV-2010	22:29:11.103
EGOI_101103SGEP9110.E2	03-NOV-2010	03:04:08.411
EGOI_101103SGEP9116.E2	03-NOV-2010	04:44:21.029
EGOI_101103SGEP9123.E2	03-NOV-2010	14:02:07.970

[ [BACK TO MENU](#) ]

### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81237	03-NOV-2010	07:45:19.977	07:47:22.155	122.17800
KS	81238	03-NOV-2010	09:24:55.281	09:27:22.774	147.49300
KS	81239	03-NOV-2010	11:04:30.408	11:06:59.385	148.97700
KS	81240	03-NOV-2010	12:43:47.538	12:46:15.001	147.46300
KS	81241	03-NOV-2010	14:22:36.519	14:25:08.109	151.59000
KS	81242	03-NOV-2010	16:00:23.188	16:02:58.211	155.02300

KS	81243	03-NOV-2010	17:38:18.197	17:40:49.815	151.61800
KS	81244	03-NOV-2010	19:16:39.544	19:18:54.922	135.37800
KS	81245	03-NOV-2010	20:56:45.546	20:58:42.043	116.49700
KS	81246	03-NOV-2010	22:39:04.973	22:41:15.673	130.70000
GS	81234	03-NOV-2010	02:25:50.345	02:28:35.190	164.84500
GS	81235	03-NOV-2010	04:04:57.219	04:06:53.794	116.57500
MS	81233	03-NOV-2010	00:40:14.141	00:41:58.537	104.39600
MS	81239	03-NOV-2010	11:17:31.030	11:20:05.465	154.43500
MS	81240	03-NOV-2010	12:57:51.169	13:00:18.084	146.91500
MS	81246	03-NOV-2010	22:27:13.255	22:29:11.103	117.84800
MA	81238	03-NOV-2010	09:33:01.275	09:35:01.818	120.54300
MI	81235	03-NOV-2010	03:59:05.034	04:02:10.266	185.23200
MI	81241	03-NOV-2010	14:41:30.803	14:43:44.227	133.42400
MI	81242	03-NOV-2010	16:19:01.549	16:21:20.825	139.27600
MM	81239	03-NOV-2010	11:53:43.829	11:55:35.684	111.85500
MM	81240	03-NOV-2010	13:33:32.458	13:34:58.799	86.341000
MM	81241	03-NOV-2010	15:13:05.488	15:14:30.914	85.426000
MM	81242	03-NOV-2010	16:52:22.545	16:54:06.025	103.48000
MM	81244	03-NOV-2010	20:10:47.283	20:12:46.258	118.97500
MM	81245	03-NOV-2010	21:50:36.022	21:53:07.872	151.85000
MM	81246	03-NOV-2010	23:31:17.289	23:33:12.990	115.70100
SG	81234	03-NOV-2010	03:01:37.770	03:04:08.410	150.64000
SG	81234	03-NOV-2010	03:08:27.938	03:15:05.082	397.14400
SG	81235	03-NOV-2010	04:42:31.563	04:44:21.029	109.46600
SG	81240	03-NOV-2010	14:00:35.362	14:02:07.969	92.607000
CM	81242	03-NOV-2010	16:21:46.011	16:23:08.838	82.827000

[ [BACK TO MENU](#) ]

#### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81232	02-NOV-2010	23:52:19.126	00:06:48.355	869.22900
MM	81232	03-NOV-2010	00:03:09.004	00:14:35.455	686.45100
HO	81233	03-NOV-2010	01:33:31.005	01:45:08.441	697.43600
MM	81233	03-NOV-2010	01:45:14.555	01:54:49.707	575.15200
GS	81233	03-NOV-2010	00:48:42.894	00:57:26.791	523.89700
BE	81234	03-NOV-2010	02:50:22.148	03:03:44.530	802.38200

MI	81234	03-NOV-2010	02:21:12.586	02:31:51.261	638.67500
CM	81234	03-NOV-2010	03:57:48.330	04:10:11.653	743.32300
BE	81235	03-NOV-2010	04:30:39.497	04:41:02.457	622.96000
MM	81236	03-NOV-2010	06:52:44.021	06:59:37.081	413.06000
KS	81236	03-NOV-2010	06:06:28.814	06:12:13.969	345.15500
CM	81236	03-NOV-2010	05:42:08.654	05:44:49.524	160.87000
JO	81236	03-NOV-2010	06:34:33.508	06:43:24.014	530.50600
MA	81237	03-NOV-2010	07:55:59.130	08:01:45.735	346.60500
JO	81237	03-NOV-2010	08:10:00.071	08:25:00.926	900.85500
MM	81238	03-NOV-2010	10:13:41.432	10:24:53.619	672.18700
JO	81238	03-NOV-2010	09:52:27.585	10:01:56.749	569.16400
HO	81239	03-NOV-2010	12:03:02.251	12:16:30.725	808.47400
HO	81240	03-NOV-2010	13:42:05.676	13:56:32.610	866.93400
SG	81240	03-NOV-2010	14:00:35.362	14:07:31.788	416.42600
BE	81241	03-NOV-2010	14:06:58.852	14:20:23.830	804.97800
HO	81241	03-NOV-2010	15:23:29.994	15:30:49.089	439.09500
GS	81241	03-NOV-2010	14:34:26.851	14:45:24.785	657.93400
BE	81242	03-NOV-2010	15:49:31.146	15:57:56.863	505.71700
GS	81242	03-NOV-2010	16:13:07.082	16:26:58.435	831.35300
MM	81243	03-NOV-2010	18:31:30.640	18:44:05.745	755.10500
GS	81243	03-NOV-2010	17:53:35.725	18:03:24.139	588.41400
MA	81244	03-NOV-2010	19:13:16.670	19:21:17.611	480.94100
JO	81244	03-NOV-2010	20:30:06.070	20:45:01.157	895.08700
HO	81245	03-NOV-2010	21:46:15.820	21:54:40.216	504.39600
MA	81245	03-NOV-2010	20:48:34.176	21:02:17.068	822.89200
JO	81245	03-NOV-2010	22:10:39.808	22:22:04.567	684.75900
HO	81246	03-NOV-2010	23:21:18.969	23:35:29.599	850.63000

[ [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

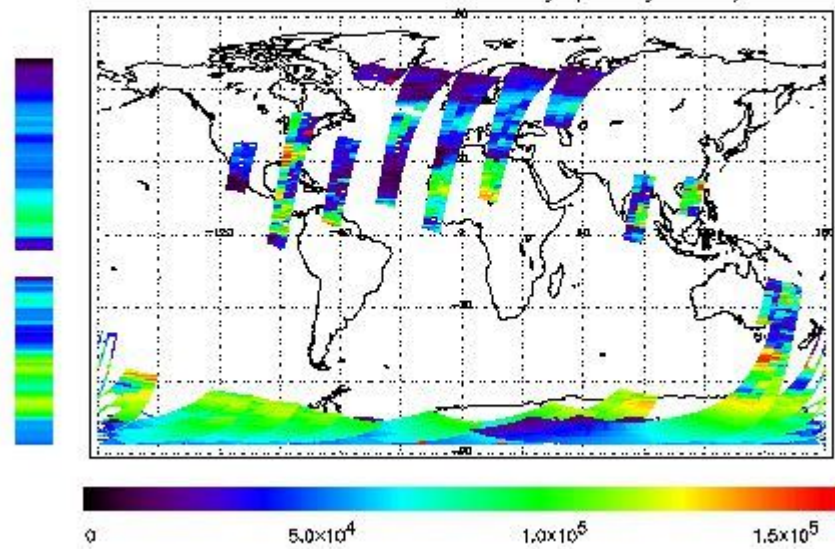
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position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

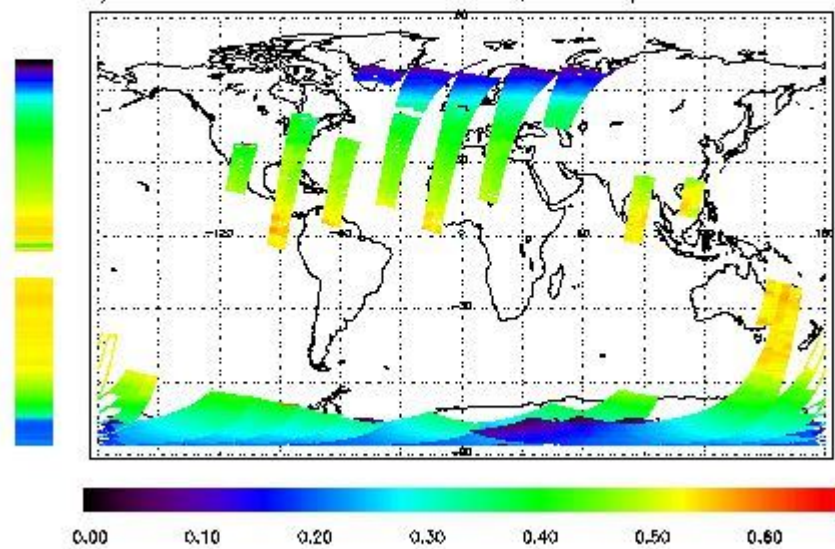
NEAR IR Intensity

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
--	--	--	--	--

### 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
--	--	--	--