

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-APR-2011
Start Time of First Product	00:23:41
Stop Time of Last Product	22:22:46
Number of EGOI Products analysed	18
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_110427CMEP6047.E2	27-APR-2011	03:41:52.638
EGOI_110427CMEP6055.E2	27-APR-2011	05:23:03.755
EGOI_110427CMEP6064.E2	27-APR-2011	16:05:00.189
EGOI_110427CMEP6075.E2	27-APR-2011	17:45:51.811
EGOI_110427MAEP6171.E2	27-APR-2011	10:56:22.294
EGOI_110427MAEP6193.E2	27-APR-2011	20:33:15.335
EGOI_110427MIEP0170.E2	27-APR-2011	02:06:41.556
EGOI_110427MIEP0191.E2	27-APR-2011	03:43:45.150
EGOI_110427MIEP0210.E2	27-APR-2011	14:26:19.087

EGOI_110427MIEP0237.E2	27-APR-2011	16:02:33.174
EGOI_110427MIEP0261.E2	27-APR-2011	17:44:00.800
EGOI_110427MSEP5524.E2	27-APR-2011	00:23:40.922
EGOI_110427MSEP5552.E2	27-APR-2011	11:02:05.832
EGOI_110427MSEP5579.E2	27-APR-2011	12:41:27.442
EGOI_110427MSEP5610.E2	27-APR-2011	22:10:57.939
EGOI_110427SGEP3046.E2	27-APR-2011	02:55:58.353
EGOI_110427SGEP3053.E2	27-APR-2011	04:32:42.443
EGOI_110427SGEP3060.E2	27-APR-2011	17:03:02.049

[[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	83737	26-APR-2011	23:52:19.126	00:06:48.355	869.22900
MM	83737	27-APR-2011	00:03:09.004	00:14:35.455	686.45100
HO	83738	27-APR-2011	01:33:31.006	01:45:08.442	697.43600
MM	83738	27-APR-2011	01:45:14.556	01:54:49.708	575.15200
MS	83738	27-APR-2011	00:40:14.142	00:48:49.046	514.90400
GS	83738	27-APR-2011	00:48:42.895	00:57:26.792	523.89700
BE	83739	27-APR-2011	02:50:22.149	03:03:44.531	802.38200
MM	83739	27-APR-2011	03:28:11.581	03:35:25.402	433.82100
GS	83739	27-APR-2011	02:25:50.346	02:38:11.550	741.20400
BE	83740	27-APR-2011	04:30:39.498	04:41:02.458	622.96000
MM	83740	27-APR-2011	05:11:05.072	05:16:52.015	346.94300
MI	83740	27-APR-2011	03:59:05.035	04:11:57.534	772.49900
GS	83740	27-APR-2011	04:04:57.220	04:17:09.181	731.96100
MM	83741	27-APR-2011	06:52:44.022	06:59:37.082	413.06000
KS	83741	27-APR-2011	06:06:28.815	06:12:13.970	345.15500
CM	83741	27-APR-2011	05:42:08.655	05:44:49.525	160.87000
JO	83741	27-APR-2011	06:34:33.509	06:43:24.015	530.50600
MM	83742	27-APR-2011	08:33:24.820	08:42:38.423	553.60300
KS	83742	27-APR-2011	07:45:19.978	07:57:00.604	700.62600
MA	83742	27-APR-2011	07:55:59.131	08:01:45.736	346.60500
JO	83742	27-APR-2011	08:10:00.072	08:25:00.927	900.85500

MM	83743	27-APR-2011	10:13:41.432	10:24:53.619	672.18700
KS	83743	27-APR-2011	09:24:55.281	09:38:41.584	826.30300
MA	83743	27-APR-2011	09:33:01.275	09:46:39.758	818.48300
JO	83743	27-APR-2011	09:52:27.585	10:01:56.749	569.16400
HO	83744	27-APR-2011	12:03:02.251	12:16:30.725	808.47400
MM	83744	27-APR-2011	11:53:43.829	12:06:04.396	740.56700
KS	83744	27-APR-2011	11:04:30.408	11:18:19.816	829.40800
HO	83745	27-APR-2011	13:42:05.677	13:56:32.611	866.93400
MM	83745	27-APR-2011	13:33:32.459	13:46:15.791	763.33200
KS	83745	27-APR-2011	12:43:47.539	12:56:34.347	766.80800
SG	83745	27-APR-2011	14:00:35.363	14:07:31.789	416.42600
BE	83746	27-APR-2011	14:06:58.853	14:20:23.831	804.97800
HO	83746	27-APR-2011	15:23:29.995	15:30:49.090	439.09500
MM	83746	27-APR-2011	15:13:05.489	15:25:44.821	759.33200
KS	83746	27-APR-2011	14:22:36.520	14:34:16.343	699.82300
GS	83746	27-APR-2011	14:34:26.852	14:45:24.786	657.93400
SG	83746	27-APR-2011	15:36:10.105	15:49:59.334	829.22900
BE	83747	27-APR-2011	15:49:31.147	15:57:56.864	505.71700
MM	83747	27-APR-2011	16:52:22.546	17:04:54.425	751.87900
KS	83747	27-APR-2011	16:00:23.189	16:12:22.010	718.82100
GS	83747	27-APR-2011	16:13:07.083	16:26:58.436	831.35300
MM	83748	27-APR-2011	18:31:30.641	18:44:05.746	755.10500
KS	83748	27-APR-2011	17:38:18.198	17:51:13.292	775.09400
GS	83748	27-APR-2011	17:53:35.726	18:03:24.140	588.41400
MM	83749	27-APR-2011	20:10:47.284	20:23:30.702	763.41800
MA	83749	27-APR-2011	19:13:16.671	19:21:17.612	480.94100
KS	83749	27-APR-2011	19:16:39.545	19:30:36.759	837.21400
JO	83749	27-APR-2011	20:30:06.071	20:45:01.158	895.08700
HO	83750	27-APR-2011	21:46:15.820	21:54:40.216	504.39600
MM	83750	27-APR-2011	21:50:36.022	22:03:12.120	756.09800
KS	83750	27-APR-2011	20:56:45.546	21:10:13.723	808.17700
JO	83750	27-APR-2011	22:10:39.808	22:22:04.567	684.75900
HO	83751	27-APR-2011	23:21:18.970	23:35:29.600	850.63000
MM	83751	27-APR-2011	23:31:17.290	23:43:08.220	710.93000
MA	83751	27-APR-2011	22:32:49.838	22:39:50.152	420.31400
KS	83751	27-APR-2011	22:39:04.974	22:49:45.100	640.12600

instrument					
EGOI					
	-	measurements	available	due	data
see	GOME	the	web		
Note:	internal	reports	are		

[[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 Temperatures 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

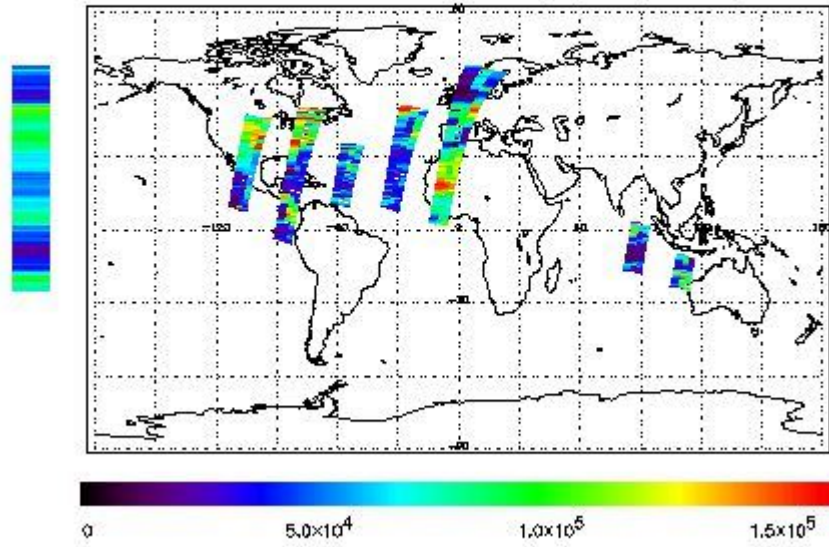
2.2 - Daily Plots

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-APR-2011 00:23:40.922 : ORBIT : 83737.8494
 Last Product : 27-APR-2011 22:22:46.009 : ORBIT : 83750.9618
 Total Products Processed : 7348 Day : 117 Page : 21

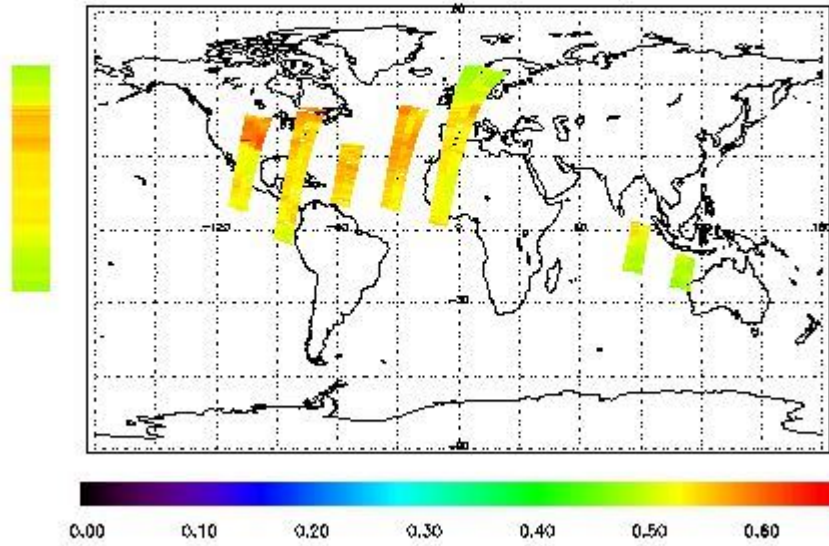
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 27-APR-2011 00:23:40.922 : ORBIT : 83737.8494
 Last Product : 27-APR-2011 22:22:46.009 : ORBIT : 83750.9618
 Total Products Processed : 7348 Day : 117 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
--	--	--	--