

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	12-MAY-2011
Start Time of First Product	00:23:43
Stop Time of Last Product	22:33:48
Number of EGOI Products analysed	32
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110512CMEP6464.E2	12-MAY-2011	03:41:57.742
EGOI_110512CMEP6473.E2	12-MAY-2011	05:24:58.379
EGOI_110512CMEP6478.E2	12-MAY-2011	16:05:11.301
EGOI_110512CMEP6489.E2	12-MAY-2011	17:45:49.423
EGOI_110512GSEP1945.E2	12-MAY-2011	00:34:04.093
EGOI_110512GSEP1967.E2	12-MAY-2011	02:09:19.676
EGOI_110512GSEP1992.E2	12-MAY-2011	03:48:47.289
EGOI_110512GSEP2001.E2	12-MAY-2011	05:31:14.918
EGOI_110512KSEP0379.E2	12-MAY-2011	07:29:30.644

EGOI_110512KSEP0409.E2	12-MAY-2011	09:09:20.754
EGOI_110512KSEP0431.E2	12-MAY-2011	10:48:55.865
EGOI_110512KSEP0457.E2	12-MAY-2011	12:28:05.471
EGOI_110512KSEP0472.E2	12-MAY-2011	14:06:58.581
EGOI_110512KSEP0493.E2	12-MAY-2011	15:45:03.680
EGOI_110512KSEP0506.E2	12-MAY-2011	17:22:40.278
EGOI_110512KSEP0530.E2	12-MAY-2011	19:00:13.880
EGOI_110512KSEP0538.E2	12-MAY-2011	20:39:41.487
EGOI_110512KSEP0556.E2	12-MAY-2011	22:21:16.612
EGOI_110512MAEP7100.E2	12-MAY-2011	10:56:27.410
EGOI_110512MAEP7110.E2	12-MAY-2011	19:00:12.380
EGOI_110512MAEP7125.E2	12-MAY-2011	20:33:17.451
EGOI_110512MAEP7141.E2	12-MAY-2011	22:13:21.066
EGOI_110512MIEP1761.E2	12-MAY-2011	02:07:06.164
EGOI_110512MIEP1782.E2	12-MAY-2011	03:43:44.254
EGOI_110512MIEP1803.E2	12-MAY-2011	14:26:48.198
EGOI_110512MIEP1828.E2	12-MAY-2011	16:03:18.789
EGOI_110512MIEP1852.E2	12-MAY-2011	17:44:29.915
EGOI_110512MSEP7322.E2	12-MAY-2011	00:23:43.035
EGOI_110512MSEP7347.E2	12-MAY-2011	11:02:09.447
EGOI_110512MSEP7374.E2	12-MAY-2011	12:41:29.554
EGOI_110512MSEP7398.E2	12-MAY-2011	22:11:03.046
EGOI_110512SGEP3209.E2	12-MAY-2011	17:03:05.657

[[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	83952	12-MAY-2011	00:20:34.117	00:35:12.187	878.07000
MM	83952	12-MAY-2011	00:32:12.609	00:43:12.275	659.66600
HO	83953	12-MAY-2011	02:04:47.919	02:12:07.013	439.09400
MM	83953	12-MAY-2011	02:14:35.582	02:23:31.308	535.72600
BE	83954	12-MAY-2011	03:18:46.594	03:32:04.959	798.36500
MM	83954	12-MAY-2011	03:57:39.548	04:04:17.114	397.56600
SG	83954	12-MAY-2011	03:29:44.376	03:43:37.318	832.94200
MM	83955	12-MAY-2011	05:40:16.329	05:46:06.541	350.21200
MI	83955	12-MAY-2011	04:28:21.466	04:39:38.981	677.51500
MM	83956	12-MAY-2011	07:21:33.829	07:29:05.278	451.44900

JO	83956	12-MAY-2011	07:00:55.359	07:13:02.434	727.07500
MM	83957	12-MAY-2011	09:02:05.577	09:11:57.477	591.90000
MA	83957	12-MAY-2011	08:22:51.463	08:34:14.391	682.92800
JO	83957	12-MAY-2011	08:38:30.067	08:53:16.637	886.57000
MM	83958	12-MAY-2011	10:42:17.747	10:53:54.784	697.03700
MS	83958	12-MAY-2011	10:08:38.765	10:16:14.567	455.80200
MM	83959	12-MAY-2011	12:22:16.343	12:34:47.430	751.08700
MA	83959	12-MAY-2011	11:42:55.033	11:49:28.174	393.14100
BE	83960	12-MAY-2011	12:57:21.427	13:08:49.663	688.23600
MM	83960	12-MAY-2011	14:02:00.713	14:14:44.609	763.89600
SG	83960	12-MAY-2011	14:26:40.288	14:37:56.738	676.45000
BE	83961	12-MAY-2011	14:35:34.172	14:48:41.335	787.16300
MM	83961	12-MAY-2011	15:41:29.022	15:54:05.655	756.63300
GS	83961	12-MAY-2011	15:02:22.591	15:15:18.995	776.40400
SG	83961	12-MAY-2011	16:04:56.856	16:17:51.172	774.31600
CM	83961	12-MAY-2011	15:13:06.927	15:20:43.239	456.31200
MM	83962	12-MAY-2011	17:20:42.349	17:33:13.905	751.55600
GS	83962	12-MAY-2011	16:41:39.062	16:54:59.870	800.80800
MM	83963	12-MAY-2011	18:59:50.657	19:12:28.357	757.70000
GS	83963	12-MAY-2011	18:22:50.799	18:29:51.196	420.39700
JO	83963	12-MAY-2011	19:20:59.703	19:31:36.534	636.83100
MM	83964	12-MAY-2011	20:39:14.060	20:51:58.046	763.98600
JO	83964	12-MAY-2011	20:58:26.594	21:13:23.466	896.87200
HO	83965	12-MAY-2011	22:12:38.584	22:23:50.150	671.56600
MM	83965	12-MAY-2011	22:19:16.023	22:31:43.886	747.86300
JO	83965	12-MAY-2011	22:40:35.777	22:48:04.252	448.47500
HO	83966	12-MAY-2011	23:49:30.006	00:03:57.671	867.66500
KS	83966	12-MAY-2011	23:08:51.588	23:18:04.839	553.25100

[[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

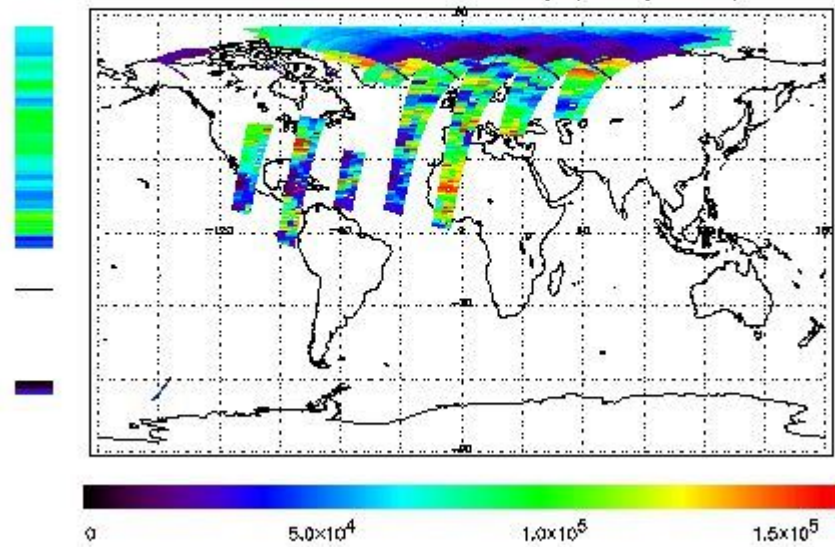
2.2 - Daily Plots

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

First Product : 12-MAY-2011 00:23:43.035 : ORBIT : 83952.5641
 Last Product : 12-MAY-2011 22:33:48.182 : ORBIT : 83965.7858
 Total Products Processed : 14438 Day : 132 Page : 21

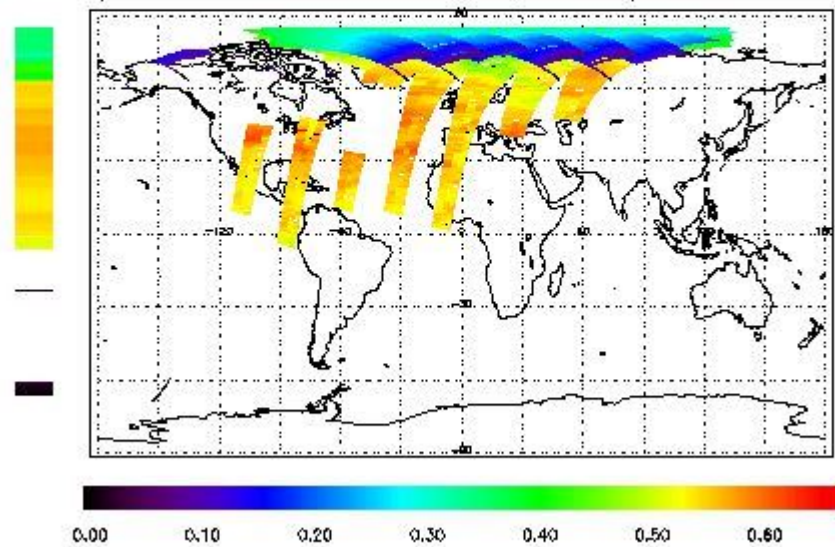
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 12-MAY-2011 00:23:43.035 : ORBIT : 83952.5641
 Last Product : 12-MAY-2011 22:33:48.182 : ORBIT : 83965.7858
 Total Products Processed : 14438 Day : 132 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
--	--	--	--