GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	13-APR-2011
Start Time of First Product	23:49:29 (12-Apr)
Stop Time of Last Product	23:39:58
Number of EGOI Products analysed	37
Number of corrupted products	--
Anomalies and/or Special Operations	no solar calibration measurements available due to the execution of an ERS2 orbit manoeuvre

1.2 - List of received products

Name	Date	Time
EGOI_110413CMEP5708.E2	13-APR-2011	03:09:52.375
EGOI_110413CMEP5715.E2	13-APR-2011	04:51:04.996
EGOI_110413CMEP5722.E2	13-APR-2011	15:32:32.921
EGOI_110413CMEP5729.E2	13-APR-2011	17:11:11.019
EGOI_110413GSEP9718.E2	13-APR-2011	01:37:42.813
EGOI_110413GSEP9746.E2	13-APR-2011	03:14:59.906
EGOI_110413GSEP9754.E2	13-APR-2011	04:57:45.531
EGOI_110413HLEP9910.E2	13-APR-2011	11:15:13.344
EGOI_110413KSEP4561.E2	13-APR-2011	00:06:00.250

EGOI_110413KSEP4583.E2	13-APR-2011	06:56:17.762
EGOI_110413KSEP4610.E2	13-APR-2011	08:36:04.872
EGOI_110413KSEP4629.E2	13-APR-2011	10:15:36.979
EGOI_110413KSEP4657.E2	13-APR-2011	11:54:58.586
EGOI_110413KSEP4671.E2	13-APR-2011	13:33:54.693
EGOI_110413KSEP4691.E2	13-APR-2011	15:12:25.300
EGOI_110413KSEP4705.E2	13-APR-2011	16:50:06.394
EGOI_110413KSEP4720.E2	13-APR-2011	18:27:33.993
EGOI_110413KSEP4727.E2	13-APR-2011	20:06:12.095
EGOI_110413KSEP4744.E2	13-APR-2011	21:47:05.210
EGOI_110413KSEP4760.E2	13-APR-2011	23:30:16.347
EGOI_110413MAEP5291.E2	13-APR-2011	08:44:10.914
EGOI_110413MAEP5305.E2	13-APR-2011	10:23:02.521
EGOI_110413MAEP5314.E2	13-APR-2011	19:59:45.052
EGOI_110413MAEP5334.E2	13-APR-2011	21:39:09.666
EGOI_110413MIEP8805.E2	13-APR-2011	03:10:10.375
EGOI_110413MIEP8828.E2	13-APR-2011	04:51:21.496
EGOI_110413MIEP8853.E2	13-APR-2011	15:29:25.401
EGOI_110413MIEP8881.E2	13-APR-2011	17:09:15.508
EGOI_110413MSEP3815.E2	12-APR-2011	23:49:28.648
EGOI_110413MSEP3839.E2	13-APR-2011	10:30:05.567
EGOI_110413MSEP3868.E2	13-APR-2011	12:07:57.165
EGOI_110413MSEP3890.E2	13-APR-2011	21:39:20.167
EGOI_110413MSEP3922.E2	13-APR-2011	23:15:59.758
EGOI_110413SGEP2717.E2	13-APR-2011	02:15:14.539
EGOI_110413SGEP2723.E2	13-APR-2011	04:04:28.707
EGOI_110413SGEP2730.E2	13-APR-2011	14:49:44.659
EGOI_110413SGEP2736.E2	13-APR-2011	16:27:36.258

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	83537	13-APR-2011	00:32:01.443	00:46:32.324	870.88100
MM	83537	13-APR-2011	00:43:51.559	00:54:39.322	647.76300
BE	83538	13-APR-2011	01:51:29.318	02:02:42.858	673.54000
MM	83538	13-APR-2011	02:26:21.077	02:35:00.483	519.40600
BE	83539	13-APR-2011	03:30:11.456	03:43:18.207	786.75100
MM	83539	13-APR-2011	04:09:26.267	04:15:51.182	384.91500

MM	83540	13-APR-2011	05:51:54.733	05:57:50.270	355.53700
MM	83541	13-APR-2011	07:33:04.717	07:40:52.398	467.68100
JO	83541	13-APR-2011	07:11:43.855	07:24:42.471	778.61600
MM	83542	13-APR-2011	09:13:33.452	09:23:39.805	606.35300
JO	83542	13-APR-2011	08:50:02.298	09:04:29.543	867.24500
HO	83543	13-APR-2011	11:05:10.973	11:13:57.528	526.55500
MM	83543	13-APR-2011	10:53:43.975	11:05:29.736	705.76100
HO	83544	13-APR-2011	12:42:26.073	12:57:09.795	883.72200
MM	83544	13-APR-2011	12:33:41.026	12:46:15.334	754.30800
MA	83544	13-APR-2011	11:55:05.038	11:59:33.747	268.70900
HO	83545	13-APR-2011	14:22:22.825	14:34:55.518	752.69300
MM	83545	13-APR-2011	14:13:23.645	14:26:07.269	763.62400
SG	83545	13-APR-2011	14:37:30.287	14:49:44.277	733.99000
BE	83546	13-APR-2011	14:47:07.891	14:59:56.526	768.63500
MM	83546	13-APR-2011	15:52:50.073	16:05:25.672	755.59900
GS	83546	13-APR-2011	15:13:37.427	15:26:57.037	799.61000
MM	83547	13-APR-2011	17:32:02.113	17:44:33.839	751.72600
GS	83547	13-APR-2011	16:53:05.871	17:06:06.504	780.63300
MM	83548	13-APR-2011	19:11:10.971	19:23:49.761	758.79000
JO	83548	13-APR-2011	19:31:47.024	19:43:41.444	714.42000
MM	83549	13-APR-2011	20:50:37.635	21:03:21.358	763.72300
JO	83549	13-APR-2011	21:09:51.558	21:24:36.547	884.98900
HO	83550	13-APR-2011	22:23:26.255	22:35:22.559	716.30400
MM	83550	13-APR-2011	22:30:45.323	22:43:08.914	743.59100

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1.5 - List of corrupted products

Station	Orbit	Time

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2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

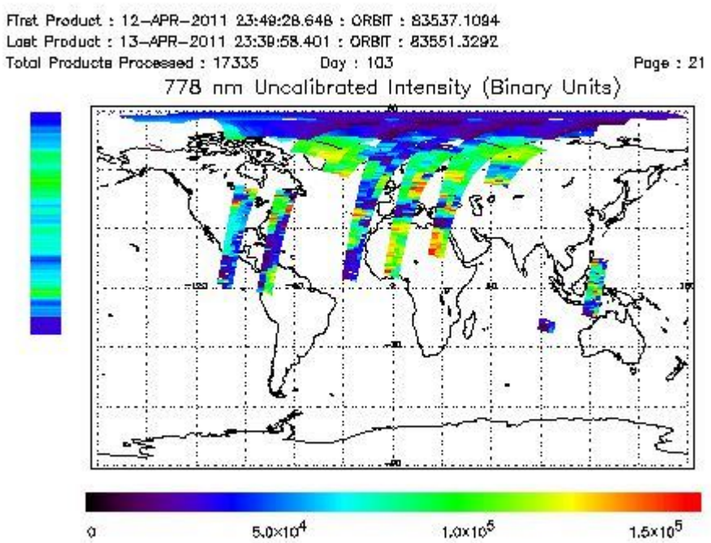
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK

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

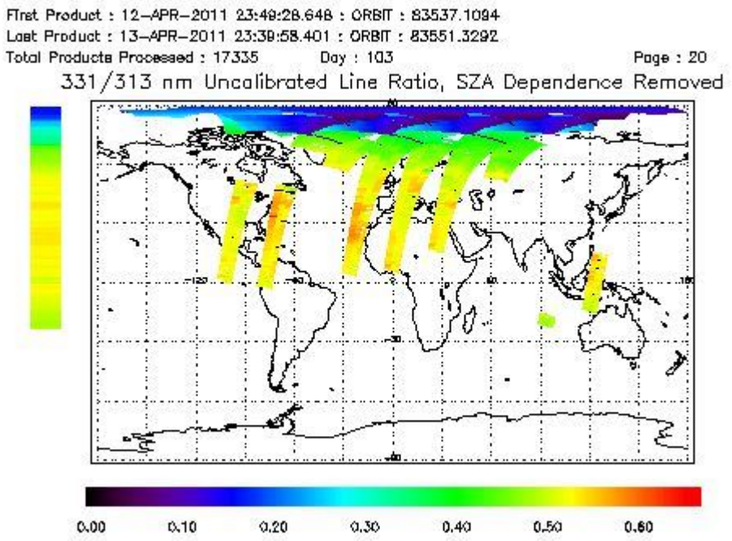
2.2 - Daily Plots

The images linked below provide a quick check on the data coverage and instrument performance. All data are UNCALIBRATED. For the explaination see the GOME Performance Legend

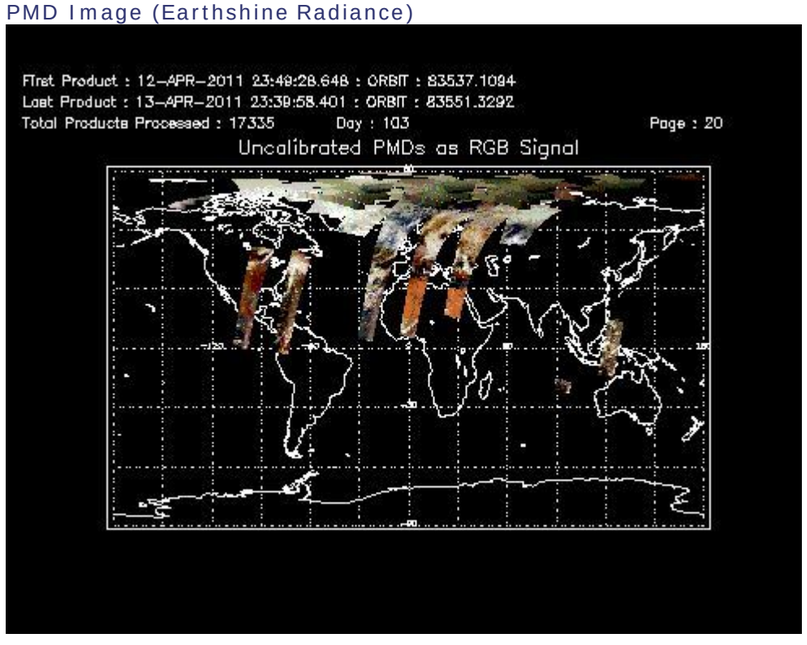
NEAR IR Intensity



Ozone Line Ratio



PMD Image (Earthshine Radiance)



3 - Instrument Calibration

3.1 - Solar Calibration (Daily/TST44)

Daily(D)/TST44(T)	Start Time	End Time (T)	Orbit	Ground Station Visibility	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
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3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(Q)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility	Warm Detector Temperature (TST/44)	Lamp Instability Voltage (if any)(V)	Lamp Failure N. (if any)
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4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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4.2 - Instrument Off

Start Time	End Time	Start Orbit	End Orbit	MPS Resumption	Ground Station Visibility
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4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility	Max Temp. Ch 1	Max Temp. Ch 2	Max Temp. Ch 3	Max Temp. Ch 4
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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
--	--	--

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
--	--	--	--	--

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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(1) The Solar/lamp calibration is carried out routinely or after an instrument switch-off or a power cycle (performed to reset the instrument when abnormal values are observed); in the latter cases the coolers are off and the temperature refers to the warm detectors