GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	09-MAR-2011
Start Time of First Product	00:58:59
Stop Time of Last Product	22:56:18
Number of EGOI Products analysed	27
Number of corrupted products	--
Anomalies and/or Special Operations	Due to the ERS-2 lowering manoeuvres, data acquired during the transition period, from 22 February to 10 March, are for internal use only; no solar calibration measurements and Narrow Swath are planned during the transition period.

1.2 - List of received products

Name	Date	Time
EGOI_110309CMEP4696.E2	09-MAR-2011	02:38:54.090
EGOI_110309CMEP4703.E2	09-MAR-2011	04:16:45.685
EGOI_110309CMEP4713.E2	09-MAR-2011	15:01:12.144
EGOI_110309CMEP4719.E2	09-MAR-2011	16:37:30.739
EGOI_110309GSEP7305.E2	09-MAR-2011	01:04:56.514
EGOI_110309GSEP7337.E2	09-MAR-2011	02:41:43.606
EGOI_110309GSEP7366.E2	09-MAR-2011	04:22:51.725
EGOI_110309GSEP7373.E2	09-MAR-2011	06:05:07.359
EGOI_110309HLEP9563.E2	09-MAR-2011	22:05:50.754
EGOI_110309KSEP7130.E2	09-MAR-2011	06:23:05.961
EGOI_110309KSEP7154.E2	09-MAR-2011	08:02:51.576
EGOI_110309MAEP3358.E2	09-MAR-2011	08:11:33.635
EGOI_110309MAEP3378.E2	09-MAR-2011	09:49:16.230
EGOI_110309MAEP3401.E2	09-MAR-2011	21:05:36.884
EGOI_110309MAEP3415.E2	09-MAR-2011	22:48:24.015
EGOI_110309MIEP5324.E2	09-MAR-2011	02:38:06.086
EGOI_110309MIEP5335.E2	09-MAR-2011	04:16:57.689
EGOI_110309MIEP5347.E2	09-MAR-2011	16:46:23.294
EGOI_110309MSEP9637.E2	09-MAR-2011	00:58:59.475
EGOI_110309MSEP9652.E2	09-MAR-2011	09:58:23.782
EGOI_110309MSEP9682.E2	09-MAR-2011	11:34:48.378
EGOI_110309MSEP9706.E2	09-MAR-2011	13:15:29.494
EGOI_110309MSEP9737.E2	09-MAR-2011	22:42:53.985
EGOI_110309SGEP2007.E2	09-MAR-2011	03:19:27.337
EGOI_110309SGEP2013.E2	09-MAR-2011	05:01:27.963
EGOI_110309SGEP2020.E2	09-MAR-2011	14:15:47.870
EGOI_110309SGEP2026.E2	09-MAR-2011	15:53:19.965

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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	83036	09-MAR-2011	00:32:01.443	00:46:32.324	870.88100
MM	83036	09-MAR-2011	00:43:51.559	00:54:39.322	647.76300
KS	83036	08-MAR-2011	23:54:12.981	00:00:16.041	363.06000
BE	83037	09-MAR-2011	01:51:29.318	02:02:42.858	673.54000
MM	83037	09-MAR-2011	02:26:21.077	02:35:00.483	519.40600
SG	83037	09-MAR-2011	02:05:04.776	02:12:46.618	461.84200

BE	83038	09-MAR-2011	03:30:11.456	03:43:18.207	786.75100
MM	83038	09-MAR-2011	04:09:26.267	04:15:51.182	384.91500
MM	83039	09-MAR-2011	05:51:54.733	05:57:50.270	355.53700
MI	83039	09-MAR-2011	04:40:18.296	04:50:31.976	613.68000
CM	83039	09-MAR-2011	06:18:27.340	06:30:09.921	702.58100
MM	83040	09-MAR-2011	07:33:04.717	07:40:52.398	467.68100
JO	83040	09-MAR-2011	07:11:43.855	07:24:42.471	778.61600
MM	83041	09-MAR-2011	09:13:33.452	09:23:39.805	606.35300
JO	83041	09-MAR-2011	08:50:02.298	09:04:29.543	867.24500
HO	83042	09-MAR-2011	11:05:10.972	11:13:57.527	526.55500
MM	83042	09-MAR-2011	10:53:43.974	11:05:29.735	705.76100
KS	83042	09-MAR-2011	10:04:46.384	10:18:45.499	839.11500
HO	83043	09-MAR-2011	12:42:26.073	12:57:09.795	883.72200
MM	83043	09-MAR-2011	12:33:41.026	12:46:15.334	754.30800
KS	83043	09-MAR-2011	11:44:16.444	11:57:45.212	808.76800
MA	83043	09-MAR-2011	11:55:05.038	11:59:33.747	268.70900
HO	83044	09-MAR-2011	14:22:22.825	14:34:55.518	752.69300
MM	83044	09-MAR-2011	14:13:23.645	14:26:07.269	763.62400
KS	83044	09-MAR-2011	13:23:21.045	13:35:39.639	738.59400
BE	83045	09-MAR-2011	14:47:07.891	14:59:56.526	768.63500
MM	83045	09-MAR-2011	15:52:50.073	16:05:25.672	755.59900
MI	83045	09-MAR-2011	15:19:45.352	15:32:16.116	750.76400
KS	83045	09-MAR-2011	15:01:53.276	15:13:25.413	692.13700
GS	83045	09-MAR-2011	15:13:37.427	15:26:57.037	799.61000
MM	83046	09-MAR-2011	17:32:02.113	17:44:33.839	751.72600
KS	83046	09-MAR-2011	16:39:29.828	16:51:49.394	739.56600
GS	83046	09-MAR-2011	16:53:05.871	17:06:06.504	780.63300
MM	83047	09-MAR-2011	19:11:10.971	19:23:49.761	758.79000
KS	83047	09-MAR-2011	18:17:23.793	18:30:55.938	812.14500
JO	83047	09-MAR-2011	19:31:47.024	19:43:41.444	714.42000
MM	83048	09-MAR-2011	20:50:37.635	21:03:21.358	763.72300
KS	83048	09-MAR-2011	19:56:28.504	20:10:26.866	838.36200
JO	83048	09-MAR-2011	21:09:51.558	21:24:36.547	884.98900
HO	83049	09-MAR-2011	22:23:26.254	22:35:22.558	716.30400
MM	83049	09-MAR-2011	22:30:45.322	22:43:08.913	743.59100
KS	83049	09-MAR-2011	21:37:22.780	21:50:04.396	

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1.5 - List of corrupted products

Station	Orbit	Time

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2 - Instrument Indicators and Daily Plots

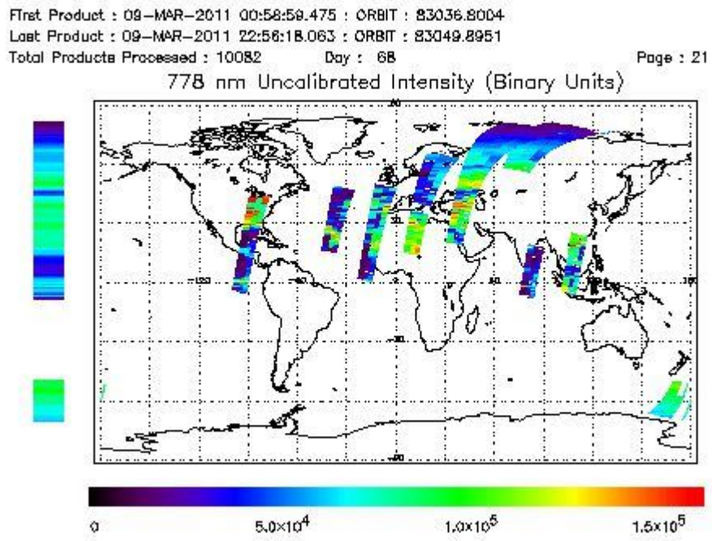
2.1 - Instrument Indicators Status

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

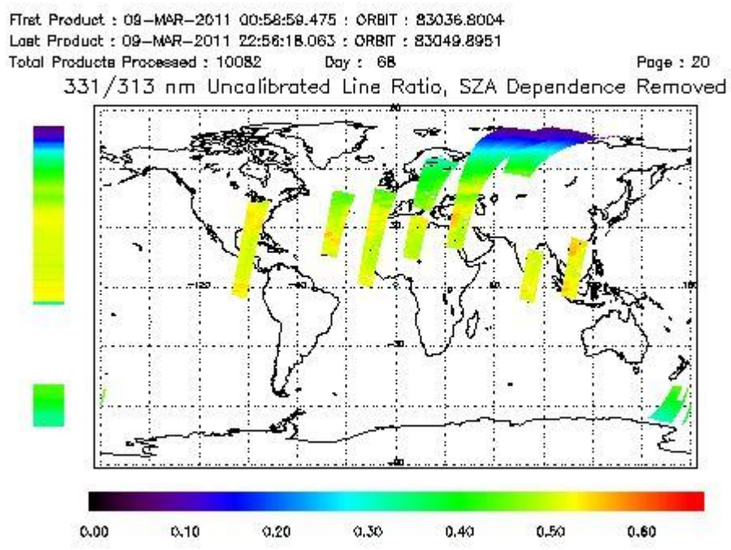
2.2 - Daily Plots

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

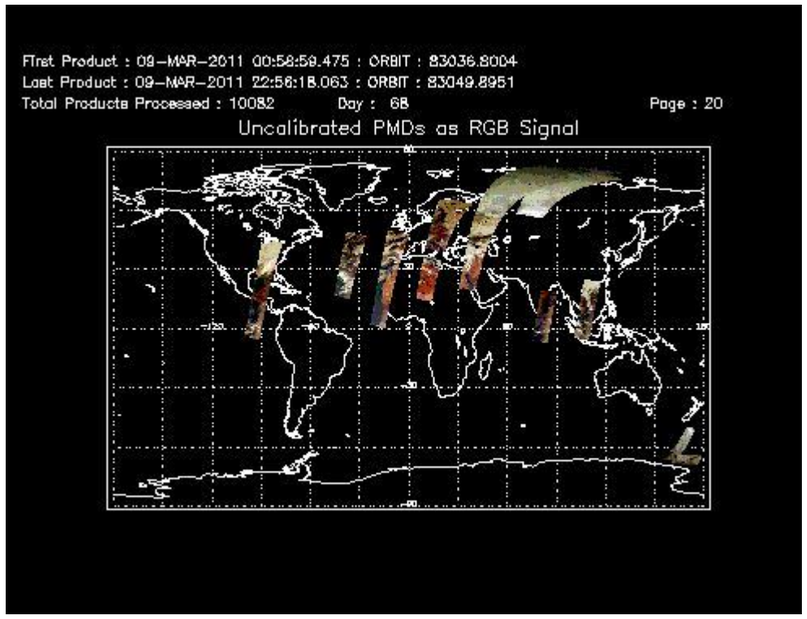
NEAR IR Intensity



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
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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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(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