GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	03-MAR-2011
Start Time of First Product	
Stop Time of Last Product	--
Number of EGOI Products analysed	33
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; occurrence of padded frames in channel 4 (frames 19, 20).

1.2 - List of received products

Name	Date	Time
EGOI_110303CMEP4605.E2	03-MAR-2011	02:37:51.909
EGOI_110303CMEP4613.E2	03-MAR-2011	04:15:46.508
EGOI_110303CMEP4621.E2	03-MAR-2011	16:36:39.072
EGOI_110303GSEP6876.E2	03-MAR-2011	01:03:58.833
EGOI_110303GSEP6908.E2	03-MAR-2011	02:40:38.424
EGOI_110303GSEP6916.E2	03-MAR-2011	06:04:02.176
EGOI_110303HLEP9499.E2	03-MAR-2011	14:05:56.144
EGOI_110303KSEP5760.E2	03-MAR-2011	06:22:05.287
EGOI_110303KSEP5783.E2	03-MAR-2011	08:01:53.901
EGOI_110303KSEP5809.E2	03-MAR-2011	09:41:23.013
EGOI_110303KSEP5831.E2	03-MAR-2011	11:20:53.625
EGOI_110303KSEP5857.E2	03-MAR-2011	12:59:55.735
EGOI_110303KSEP5867.E2	03-MAR-2011	14:38:38.344
EGOI_110303KSEP5882.E2	03-MAR-2011	16:16:20.943
EGOI_110303KSEP5909.E2	03-MAR-2011	17:54:14.047
EGOI_110303KSEP5941.E2	03-MAR-2011	19:32:08.655
EGOI_110303KSEP5967.E2	03-MAR-2011	21:12:25.766
EGOI_110303KSEP5983.E2	03-MAR-2011	22:54:35.401
EGOI_110303MAEP3086.E2	03-MAR-2011	09:48:54.558
EGOI_110303MAEP3109.E2	03-MAR-2011	21:04:33.218
EGOI_110303MAEP3123.E2	03-MAR-2011	22:47:32.350
EGOI_110303MIEP4717.E2	03-MAR-2011	02:37:15.905
EGOI_110303MIEP4745.E2	03-MAR-2011	04:16:03.012
EGOI_110303MIEP4770.E2	03-MAR-2011	14:56:39.953
EGOI_110303MIEP4800.E2	03-MAR-2011	16:34:58.560
EGOI_110303MSEP8904.E2	03-MAR-2011	00:58:00.294
EGOI_110303MSEP8919.E2	03-MAR-2011	09:57:30.612
EGOI_110303MSEP8948.E2	03-MAR-2011	11:33:55.203
EGOI_110303MSEP8971.E2	03-MAR-2011	13:14:51.327
EGOI_110303MSEP9002.E2	03-MAR-2011	22:41:57.819
EGOI_110303SGEP1892.E2	03-MAR-2011	05:00:28.786
EGOI_110303SGEP1898.E2	03-MAR-2011	14:17:14.214
EGOI_110303SGEP1904.E2	03-MAR-2011	15:56:38.821

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	82955	03-MAR-2011	08:14:37.483	08:26:18.668	701.18500
KS	82956	03-MAR-2011	09:55:53.099	10:07:20.523	687.42400
KS	82957	03-MAR-2011	11:34:14.706	11:46:30.609	735.90300
KS	82960	03-MAR-2011	16:28:43.524	16:40:32.236	708.71200
KS	82961	03-MAR-2011	18:07:30.629	18:19:34.735	724.10600

KS	82962	03-MAR-2011	19:46:55.240	19:59:03.823	728.58300
KS	82963	03-MAR-2011	21:26:27.356	21:38:41.499	734.14300
GS	82952	03-MAR-2011	02:55:31.013	03:06:39.488	668.47500
MS	82957	03-MAR-2011	11:47:08.784	11:59:07.826	719.04200
MS	82964	03-MAR-2011	22:55:27.904	23:08:27.472	779.56800
MA	82956	03-MAR-2011	10:02:45.640	10:14:28.645	703.00500
MA	82963	03-MAR-2011	21:18:00.300	21:30:39.051	758.75100
MI	82952	03-MAR-2011	02:49:33.983	03:00:56.226	682.24300
MI	82953	03-MAR-2011	04:28:54.093	04:39:38.981	644.88800
MI	82960	03-MAR-2011	16:48:16.641	16:59:53.135	696.49400
SG	82959	03-MAR-2011	16:05:53.878	16:17:51.171	717.29300
CM	82952	03-MAR-2011	04:27:04.581	04:38:24.999	680.41800

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	82950	03-MAR-2011	00:20:34.117	00:35:12.187	878.07000
MM	82950	03-MAR-2011	00:32:12.609	00:43:12.275	659.66600
HO	82951	03-MAR-2011	02:04:47.918	02:12:07.012	439.09400
MM	82951	03-MAR-2011	02:14:35.581	02:23:31.307	535.72600
BE	82952	03-MAR-2011	03:18:46.593	03:32:04.958	798.36500
MM	82952	03-MAR-2011	03:57:39.547	04:04:17.113	397.56600
SG	82952	03-MAR-2011	03:29:44.375	03:43:37.317	832.94200
MM	82953	03-MAR-2011	05:40:16.329	05:46:06.541	350.21200
GS	82953	03-MAR-2011	04:34:45.472	04:44:51.877	606.40500
MM	82954	03-MAR-2011	07:21:33.829	07:29:05.278	451.44900
JO	82954	03-MAR-2011	07:00:55.359	07:13:02.434	727.07500
MM	82955	03-MAR-2011	09:02:05.577	09:11:57.477	591.90000
MA	82955	03-MAR-2011	08:22:51.463	08:34:14.391	682.92800
JO	82955	03-MAR-2011	08:38:30.067	08:53:16.637	886.57000
MM	82956	03-MAR-2011	10:42:17.747	10:53:54.784	697.03700
MM	82957	03-MAR-2011	12:22:16.343	12:34:47.430	751.08700
MA	82957	03-MAR-2011	11:42:55.033	11:49:28.174	393.14100
BE	82958	03-MAR-2011	12:57:21.426	13:08:49.662	688.23600
MM	82958	03-MAR-2011	14:02:00.712	14:14:44.608	763.89600
BE	82959	03-MAR-2011	14:35:34.171	14:48:41.334	787.16300

MM	82959	03-MAR-2011	15:41:29.021	15:54:05.654	756.63300
GS	82959	03-MAR-2011	15:02:22.590	15:15:18.994	776.40400
CM	82959	03-MAR-2011	15:13:06.926	15:20:43.238	456.31200
MM	82960	03-MAR-2011	17:20:42.349	17:33:13.905	751.55600
GS	82960	03-MAR-2011	16:41:39.062	16:54:59.870	800.80800
MM	82961	03-MAR-2011	18:59:50.657	19:12:28.357	757.70000
GS	82961	03-MAR-2011	18:22:50.799	18:29:51.196	420.39700
JO	82961	03-MAR-2011	19:20:59.703	19:31:36.534	636.83100
MM	82962	03-MAR-2011	20:39:14.060	20:51:58.046	763.98600
MA	82962	03-MAR-2011	19:38:48.829	19:50:55.075	726.24600
JO	82962	03-MAR-2011	20:58:26.594	21:13:23.466	896.87200
HO	82963	03-MAR-2011	22:12:38.584	22:23:50.150	671.56600
MM	82963	03-MAR-2011	22:19:16.023	22:31:43.886	747.86300
JO	82963	03-MAR-2011	22:40:35.777	22:48:04.252	448.47500
HO	82964	03-MAR-2011	23:49:30.006	00:03:57.671	867.66500

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1.5 - List of corrupted products

Station	Orbit	Time
MI	82831	16:40:44.973
KS	82957	11:26:38.659

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2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

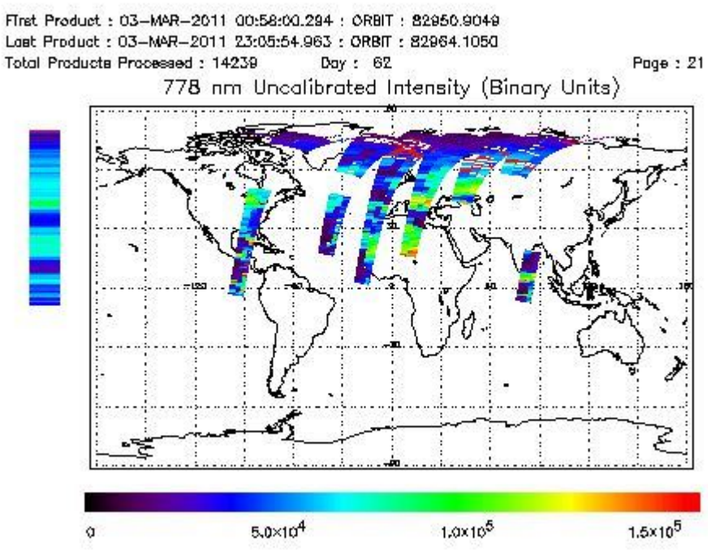
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration 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

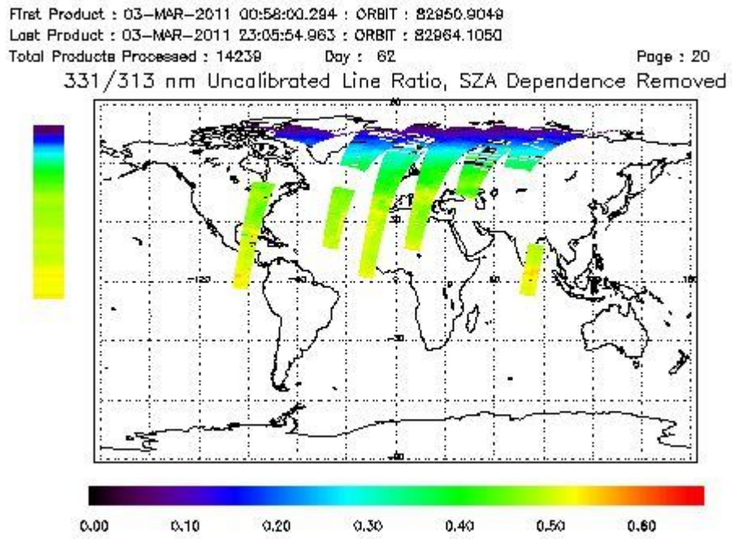
2.2 - Daily Plots

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

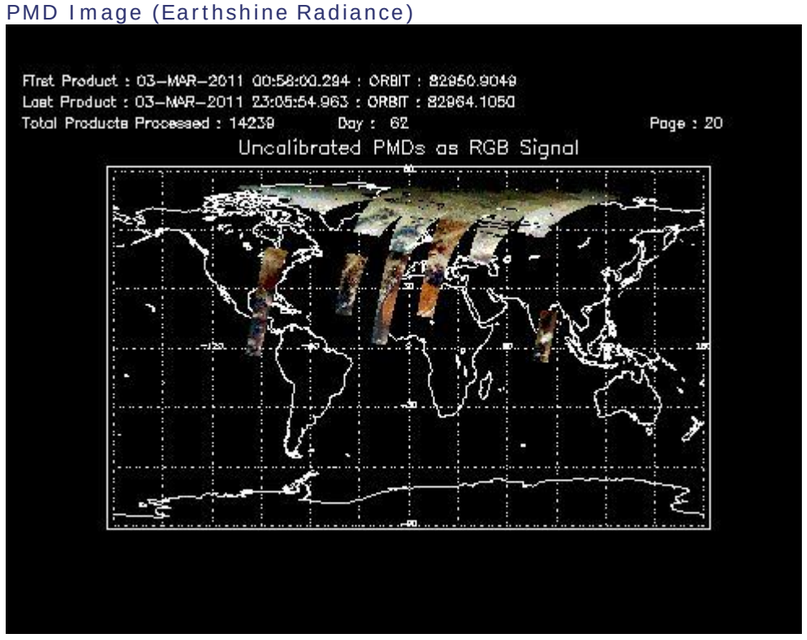
NEAR IR Intensity



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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(1)

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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