GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	01-MAR-2011
Start Time of First Product	00:21:59
Stop Time of Last Product	22:32:19
Number of EGOI Products analysed	27
Number of corrupted products	--
Anomalies and/or Special Operations	Due to the ERS2 orbit lowering manoeuvre data acquired in the transition period, from 22 February to 10 March, are for internal use only no solar calibration measurements and Narrow Swath planned during the transition period

1.2 - List of received products

Name	Date	Time
EGOI_110301CMEP4540.E2	01-MAR-2011	03:40:36.073
EGOI_110301CMEP4546.E2	01-MAR-2011	05:21:11.188
EGOI_110301CMEP4555.E2	01-MAR-2011	16:03:33.143
EGOI_110301CMEP4564.E2	01-MAR-2011	17:43:45.767
EGOI_110301GSEP6791.E2	01-MAR-2011	02:07:30.998
EGOI_110301GSEP6818.E2	01-MAR-2011	03:46:58.613
EGOI_110301GSEP6827.E2	01-MAR-2011	05:29:39.740
EGOI_110301KSEP5308.E2	01-MAR-2011	07:27:44.969
EGOI_110301KSEP5336.E2	01-MAR-2011	09:07:41.085
EGOI_110301KSEP5348.E2	01-MAR-2011	10:47:17.692
EGOI_110301KSEP5373.E2	01-MAR-2011	12:26:27.303
EGOI_110301KSEP5384.E2	01-MAR-2011	14:05:20.415
EGOI_110301KSEP5405.E2	01-MAR-2011	15:43:27.022
EGOI_110301KSEP5419.E2	01-MAR-2011	17:20:53.126
EGOI_110301KSEP5448.E2	01-MAR-2011	18:58:47.725
EGOI_110301KSEP5469.E2	01-MAR-2011	20:37:58.836
EGOI_110301KSEP5496.E2	01-MAR-2011	22:19:50.467
EGOI_110301MIEP4557.E2	01-MAR-2011	02:05:33.986
EGOI_110301MIEP4580.E2	01-MAR-2011	03:41:54.081
EGOI_110301MIEP4599.E2	01-MAR-2011	14:25:29.540
EGOI_110301MIEP4625.E2	01-MAR-2011	16:01:13.628
EGOI_110301MIEP4649.E2	01-MAR-2011	17:42:56.259
EGOI_110301MSEP8677.E2	01-MAR-2011	00:21:58.849
EGOI_110301MSEP8688.E2	01-MAR-2011	11:00:29.778
EGOI_110301MSEP8714.E2	01-MAR-2011	12:39:51.386
EGOI_110301MSEP8744.E2	01-MAR-2011	22:09:15.905
EGOI_110301SGEP1854.E2	01-MAR-2011	17:01:35.005

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	82926	01-MAR-2011	07:39:36.035	07:48:10.535	514.50000
KS	82927	01-MAR-2011	09:21:08.163	09:30:04.000	535.83700
KS	82928	01-MAR-2011	11:00:58.277	11:09:51.272	532.99500
KS	82929	01-MAR-2011	12:40:03.385	12:48:11.220	487.83500
KS	82930	01-MAR-2011	14:17:14.489	14:25:53.634	519.14500
KS	82931	01-MAR-2011	15:55:15.096	16:03:55.713	520.61700
KS	82932	01-MAR-2011	17:34:03.699	17:42:43.350	519.65100
KS	82933	01-MAR-2011	19:13:16.311	19:22:04.834	528.52300
KS	82934	01-MAR-2011	20:52:46.925	21:01:41.305	534.38000
KS	82935	01-MAR-2011	22:32:20.544	22:41:14.268	533.72400

GS	82923	01-MAR-2011	02:21:47.587	02:29:37.766	470.17900
GS	82924	01-MAR-2011	04:01:00.194	04:08:45.842	465.64800
MS	82922	01-MAR-2011	00:33:15.414	00:40:50.999	455.58500
MS	82928	01-MAR-2011	11:13:02.851	11:21:56.736	533.88500
MS	82929	01-MAR-2011	12:51:43.959	13:00:04.426	500.46700
MS	82935	01-MAR-2011	22:21:20.475	22:31:03.116	582.64100
MS	82936	02-MAR-2011	00:01:19.589	00:10:28.141	548.55200
MI	82923	01-MAR-2011	02:14:50.539	02:23:00.785	490.24600
MI	82924	01-MAR-2011	03:55:51.162	04:03:33.320	462.15800
MI	82931	01-MAR-2011	16:15:10.713	16:23:46.399	515.68600
CM	82923	01-MAR-2011	03:53:24.150	04:01:38.357	494.20700
CM	82931	01-MAR-2011	16:16:30.220	16:25:37.212	546.99200

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	82921	28-FEB-2011	23:54:26.980	00:06:00.624	693.64400
HO	82922	01-MAR-2011	01:24:35.966	01:36:51.814	735.84800
MM	82922	01-MAR-2011	01:36:27.091	01:46:13.555	586.46400
GS	82922	01-MAR-2011	00:40:47.641	00:48:39.814	472.17300
BE	82923	01-MAR-2011	02:41:53.107	02:55:09.469	796.36200
MM	82923	01-MAR-2011	03:19:21.110	03:26:46.710	445.60000
SG	82923	01-MAR-2011	02:53:18.268	03:06:25.057	786.78900
CM	82923	01-MAR-2011	03:49:22.530	04:01:38.357	735.82700
BE	82924	01-MAR-2011	04:21:57.054	04:32:55.760	658.70600
MM	82924	01-MAR-2011	05:02:18.265	05:08:07.094	348.82900
SG	82924	01-MAR-2011	04:33:31.446	04:44:22.064	650.61800
MM	82925	01-MAR-2011	06:44:04.232	06:50:46.740	402.50800
KS	82925	01-MAR-2011	05:58:10.512	06:02:58.018	287.50600
CM	82925	01-MAR-2011	05:31:59.636	05:37:52.293	352.65700
JO	82925	01-MAR-2011	06:26:57.001	06:34:15.822	438.82100
MM	82926	01-MAR-2011	08:24:48.259	08:33:49.881	541.62200
JO	82926	01-MAR-2011	08:01:32.547	08:16:28.825	896.27800
MM	82927	01-MAR-2011	10:05:06.325	10:16:10.216	663.89100
MA	82927	01-MAR-2011	09:24:32.321	09:38:05.186	812.86500
JO	82927	01-MAR-2011	09:43:15.597	09:53:58.614	643.01700

HO	82928	01-MAR-2011	11:54:36.307	12:07:41.223	784.91600
MM	82928	01-MAR-2011	11:45:09.858	11:57:26.541	736.68300
MA	82928	01-MAR-2011	11:04:58.451	11:14:41.948	583.49700
HO	82929	01-MAR-2011	13:33:31.639	13:48:11.181	879.54200
MM	82929	01-MAR-2011	13:24:59.728	13:37:42.483	762.75500
BE	82930	01-MAR-2011	13:58:29.208	14:11:52.266	803.05800
HO	82930	01-MAR-2011	15:14:42.020	15:22:49.046	487.02600
MM	82930	01-MAR-2011	15:04:34.168	15:17:14.289	760.12100
GS	82930	01-MAR-2011	14:26:08.555	14:36:54.931	646.37600
SG	82930	01-MAR-2011	15:27:38.352	15:41:31.416	833.06400
BE	82931	01-MAR-2011	15:40:21.418	15:49:50.676	569.25800
MM	82931	01-MAR-2011	16:43:52.463	16:56:24.640	752.17700
GS	82931	01-MAR-2011	16:04:34.888	16:18:29.908	835.02000
MM	82932	01-MAR-2011	18:23:00.785	18:35:35.198	754.41300
GS	82932	01-MAR-2011	17:44:53.903	17:55:20.339	626.43600
MM	82933	01-MAR-2011	20:02:15.793	20:14:58.767	762.97400
MA	82933	01-MAR-2011	19:05:58.019	19:12:57.326	419.30700
JO	82933	01-MAR-2011	20:21:39.430	20:36:24.914	885.48400
MM	82934	01-MAR-2011	21:42:00.886	21:54:38.818	757.93200
MA	82934	01-MAR-2011	20:40:04.381	20:53:45.586	821.20500
JO	82934	01-MAR-2011	22:01:51.688	22:14:02.754	731.06600
HO	82935	01-MAR-2011	23:12:57.425	23:26:55.896	838.47100
MM	82935	01-MAR-2011	23:22:37.037	23:34:33.742	716.70500
MA	82935	01-MAR-2011	22:23:31.556	22:31:48.061	496.50500

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

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2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

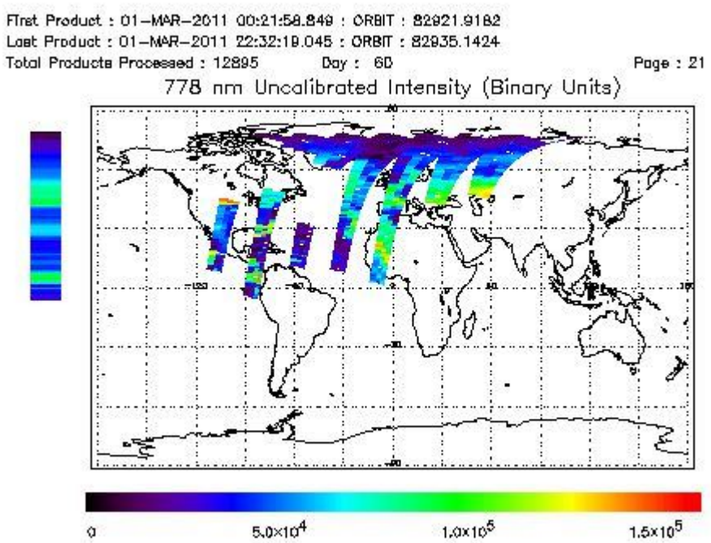
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK

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

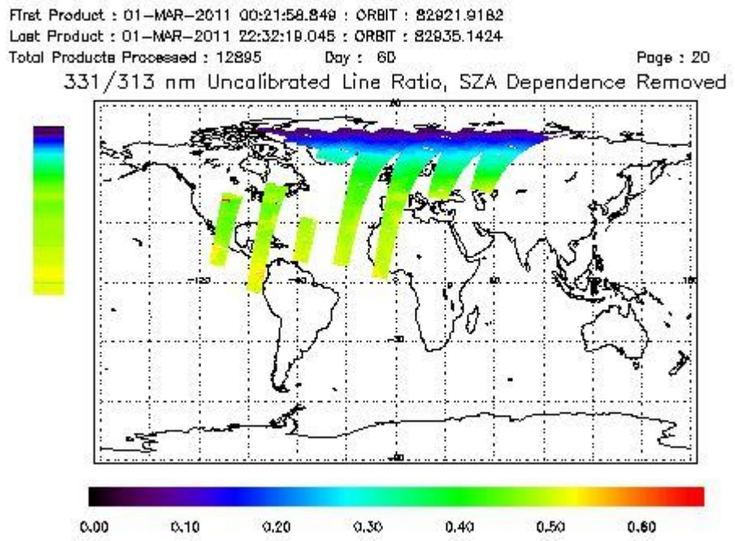
2.2 - Daily Plots

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

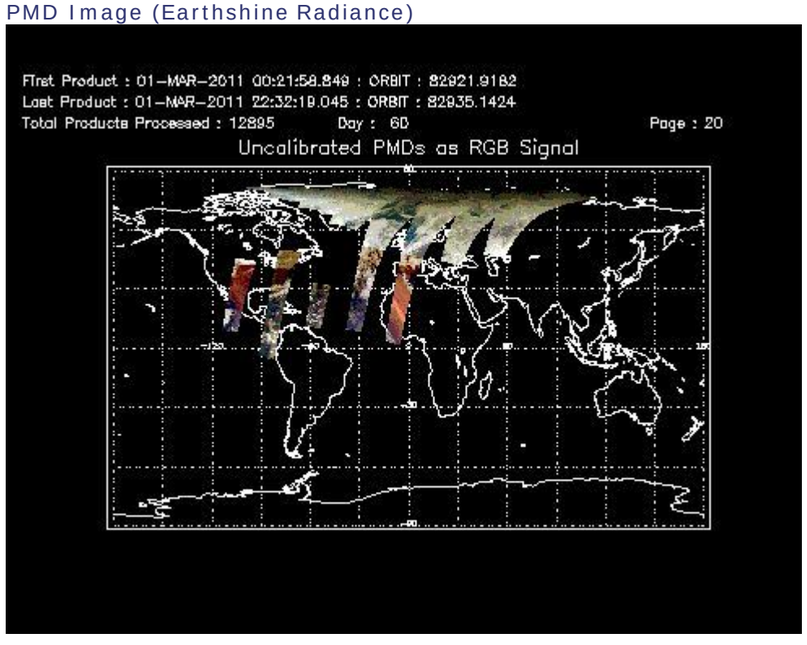
NEAR IR Intensity



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