GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	08-MAR-2011
Start Time of First Product	23:49:19 (07-mar)
Stop Time of Last Product	23:39:53
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.

1.2 - List of received products

Name	Date	Time
EGOI_110308CMEP4662.E2	08-MAR-2011	03:09:46.911
EGOI_110308CMEP4670.E2	08-MAR-2011	04:50:58.030
EGOI_110308CMEP4678.E2	08-MAR-2011	15:32:39.488
EGOI_110308CMEP4689.E2	08-MAR-2011	17:11:25.092
EGOI_110308GSEP7239.E2	08-MAR-2011	01:37:49.339
EGOI_110308GSEP7269.E2	08-MAR-2011	03:14:49.942
EGOI_110308GSEP7279.E2	08-MAR-2011	04:57:38.570
EGOI_110308KSEP6942.E2	08-MAR-2011	06:56:07.798
EGOI_110308KSEP6970.E2	08-MAR-2011	08:35:59.414
EGOI_110308KSEP6985.E2	08-MAR-2011	10:15:33.032
EGOI_110308KSEP6996.E2	08-MAR-2011	11:56:56.155
EGOI_110308KSEP7003.E2	08-MAR-2011	13:33:11.748
EGOI_110308KSEP7023.E2	08-MAR-2011	15:12:12.363
EGOI_110308KSEP7040.E2	08-MAR-2011	16:49:41.459
EGOI_110308KSEP7063.E2	08-MAR-2011	18:27:24.063
EGOI_110308KSEP7083.E2	08-MAR-2011	20:06:18.670
EGOI_110308KSEP7103.E2	08-MAR-2011	21:47:08.791
EGOI_110308KSEP7119.E2	08-MAR-2011	23:30:09.427
EGOI_110308MAEP3289.E2	08-MAR-2011	08:43:57.960
EGOI_110308MAEP3304.E2	08-MAR-2011	10:22:43.572
EGOI_110308MAEP3316.E2	08-MAR-2011	19:59:54.631
EGOI_110308MAEP3338.E2	08-MAR-2011	21:38:46.242
EGOI_110308MIEP5238.E2	08-MAR-2011	03:10:31.915
EGOI_110308MIEP5258.E2	08-MAR-2011	04:51:49.033
EGOI_110308MIEP5283.E2	08-MAR-2011	15:29:48.468
EGOI_110308MIEP5308.E2	08-MAR-2011	17:09:41.580
EGOI_110308MSEP9510.E2	07-MAR-2011	23:49:18.677
EGOI_110308MSEP9534.E2	08-MAR-2011	10:30:42.119
EGOI_110308MSEP9563.E2	08-MAR-2011	12:07:48.722
EGOI_110308MSEP9585.E2	08-MAR-2011	21:39:52.252
EGOI_110308MSEP9617.E2	08-MAR-2011	23:16:00.341
EGOI_110308SGEP1992.E2	08-MAR-2011	02:19:06.094
EGOI_110308SGEP2000.E2	08-MAR-2011	16:31:33.853

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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	83022	08-MAR-2011	01:04:05.916	01:17:23.609	797.69300
MM	83022	08-MAR-2011	01:15:58.001	01:26:09.721	611.72000
MS	83022	08-MAR-2011	00:10:01.881	00:21:33.970	692.08900
BE	83023	08-MAR-2011	02:22:10.151	02:34:58.122	767.97100
MM	83023	08-MAR-2011	02:58:43.657	03:06:37.640	473.98300
BE	83024	08-MAR-2011	04:01:44.172	04:13:48.625	724.45300
MM	83024	08-MAR-2011	04:41:46.742	04:47:44.893	358.15100
GS	83024	08-MAR-2011	03:35:44.445	03:49:05.986	801.54100
SG	83024	08-MAR-2011	04:12:53.025	04:25:24.808	751.78300
MM	83025	08-MAR-2011	06:23:49.566	06:30:10.002	380.43600
MI	83025	08-MAR-2011	05:14:50.828	05:18:54.403	243.57500
MM	83026	08-MAR-2011	08:04:42.250	08:13:15.331	513.08100
JO	83026	08-MAR-2011	07:41:58.242	07:56:28.010	869.76800
MM	83027	08-MAR-2011	09:45:04.009	09:55:47.066	643.05700
JO	83027	08-MAR-2011	09:22:15.035	09:34:58.981	763.94600
HO	83028	08-MAR-2011	11:35:04.123	11:47:07.812	723.68900
MM	83028	08-MAR-2011	11:25:10.210	11:37:16.452	726.24200
HO	83029	08-MAR-2011	13:13:35.147	13:28:24.497	889.35000
MM	83029	08-MAR-2011	13:05:02.921	13:17:43.474	760.55300
HO	83030	08-MAR-2011	14:54:14.778	15:03:43.309	568.53100
MM	83030	08-MAR-2011	14:44:40.605	14:57:22.414	761.80900
KS	83030	08-MAR-2011	13:54:22.761	14:06:21.240	718.47900
GS	83030	08-MAR-2011	14:06:59.373	14:15:41.862	522.48900
SG	83030	08-MAR-2011	15:07:55.121	15:21:35.691	820.57000
BE	83031	08-MAR-2011	15:19:22.553	15:30:37.713	675.16000
MM	83031	08-MAR-2011	16:24:01.955	16:36:35.157	753.20200
GS	83031	08-MAR-2011	15:44:42.446	15:58:35.865	833.41900
MM	83032	08-MAR-2011	18:03:11.266	18:15:44.299	753.03300
GS	83032	08-MAR-2011	17:24:41.281	17:36:21.229	699.94800
MM	83033	08-MAR-2011	19:42:23.149	19:55:04.736	761.58700
JO	83033	08-MAR-2011	20:02:04.652	20:16:09.474	

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1.5 - List of corrupted products

Station	Orbit	Time

2 - Instrument Indicators and Daily Plots

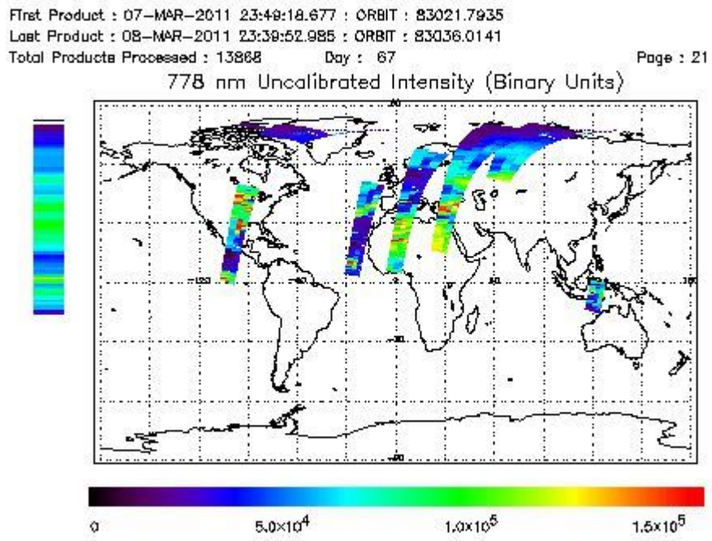
2.1 - Instrument Indicators Status

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

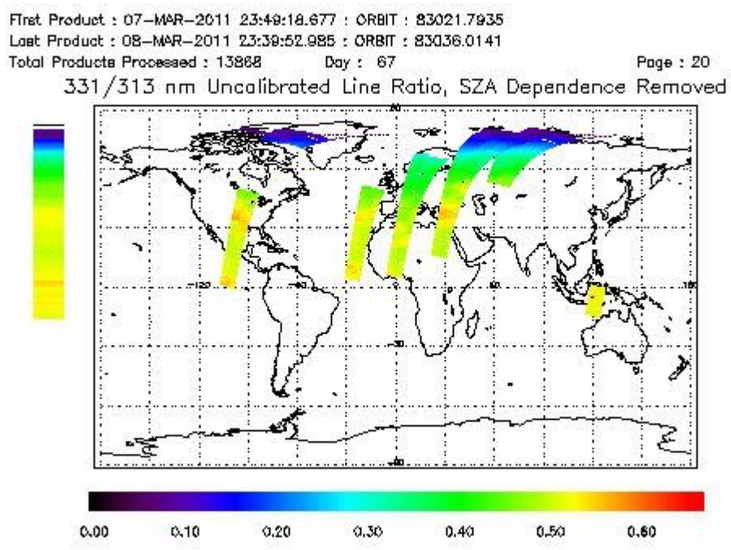
2.2 - Daily Plots

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

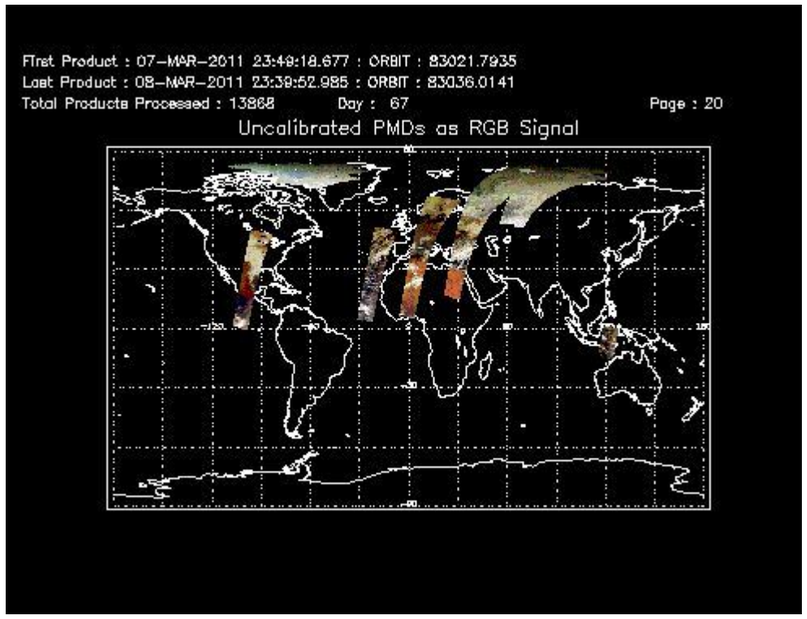
NEAR IR Intensity



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