GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	16-MAR-2011
Start Time of First Product	00:23:35
Stop Time of Last Product	23:18:10
Number of EGOI Products analysed	32
Number of corrupted products	--
Anomalies and/or Special Operations	Narrow Swath Timeline still set on orbits: 83139-83140, 83142, 83146-83149; no solar calibration measurements available due to the execution of an ERS2 orbit manoeuvre.

1.2 - List of received products

Name	Date	Time
EGOI_110316CMEP4923.E2	16-MAR-2011	03:42:04.438
EGOI_110316CMEP4931.E2	16-MAR-2011	05:22:53.057
EGOI_110316CMEP4939.E2	16-MAR-2011	16:05:04.487
EGOI_110316CMEP4950.E2	16-MAR-2011	17:45:17.101
EGOI_110316GSEP7816.E2	16-MAR-2011	00:33:52.787
EGOI_110316GSEP7838.E2	16-MAR-2011	02:09:02.366
EGOI_110316GSEP7864.E2	16-MAR-2011	03:48:34.481
EGOI_110316GSEP7874.E2	16-MAR-2011	05:31:06.608
EGOI_110316HLEP9621.E2	16-MAR-2011	23:15:01.122

EGOI_110316KSEP8628.E2	16-MAR-2011	07:29:17.829
EGOI_110316KSEP8657.E2	16-MAR-2011	09:09:09.444
EGOI_110316KSEP8680.E2	16-MAR-2011	10:48:44.551
EGOI_110316KSEP8705.E2	16-MAR-2011	12:27:54.159
EGOI_110316KSEP8720.E2	16-MAR-2011	14:06:45.769
EGOI_110316KSEP8734.E2	16-MAR-2011	15:44:49.365
EGOI_110316KSEP8746.E2	16-MAR-2011	17:22:28.964
EGOI_110316KSEP8776.E2	16-MAR-2011	18:59:59.563
EGOI_110316KSEP8808.E2	16-MAR-2011	20:39:21.170
EGOI_110316KSEP8828.E2	16-MAR-2011	22:21:05.297
EGOI_110316MAEP3756.E2	16-MAR-2011	10:55:50.598
EGOI_110316MIEP5847.E2	16-MAR-2011	02:06:57.854
EGOI_110316MIEP5870.E2	16-MAR-2011	03:43:26.950
EGOI_110316MIEP5888.E2	16-MAR-2011	14:26:41.387
EGOI_110316MIEP5916.E2	16-MAR-2011	16:02:35.975
EGOI_110316MIEP5939.E2	16-MAR-2011	17:44:23.097
EGOI_110316MSEP0497.E2	16-MAR-2011	00:23:34.720
EGOI_110316MSEP0525.E2	16-MAR-2011	11:01:56.634
EGOI_110316MSEP0552.E2	16-MAR-2011	12:41:18.237
EGOI_110316MSEP0583.E2	16-MAR-2011	22:10:51.734
EGOI_110316SGEP2154.E2	16-MAR-2011	02:46:35.597
EGOI_110316SGEP2159.E2	16-MAR-2011	04:25:52.708
EGOI_110316SGEP2165.E2	16-MAR-2011	17:02:54.346

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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	83137	16-MAR-2011	01:16:02.780	01:26:50.299	647.51900
MM	83137	16-MAR-2011	01:27:27.636	01:36:51.215	563.57900
MS	83137	16-MAR-2011	00:23:04.599	00:30:00.414	415.81500
BE	83138	16-MAR-2011	02:32:09.480	02:45:34.468	804.98800
MM	83138	16-MAR-2011	03:10:19.248	03:17:21.638	422.39000
BE	83139	16-MAR-2011	04:12:33.152	04:22:14.862	581.71000
MM	83139	16-MAR-2011	04:53:00.403	04:58:46.779	346.37600
MI	83139	16-MAR-2011	03:40:56.715	03:53:28.543	751.82800
MM	83140	16-MAR-2011	06:34:24.542	06:41:28.670	424.12800
KS	83140	16-MAR-2011	05:47:52.046	05:54:17.924	385.87800

JO	83140	16-MAR-2011	06:15:21.598	06:25:24.544	602.94600
MM	83141	16-MAR-2011	08:14:54.346	08:24:19.726	565.38000
MA	83141	16-MAR-2011	07:36:46.172	07:46:05.260	559.08800
JO	83141	16-MAR-2011	07:51:23.229	08:06:24.633	901.40400
MM	83142	16-MAR-2011	09:55:01.545	10:06:21.643	680.09800
MA	83142	16-MAR-2011	09:14:16.509	09:27:57.265	820.75600
JO	83142	16-MAR-2011	09:34:36.303	09:42:29.271	472.96800
HO	83143	16-MAR-2011	11:44:05.425	11:57:55.539	830.11400
MM	83143	16-MAR-2011	11:34:54.786	11:47:18.894	744.10800
HO	83144	16-MAR-2011	13:23:09.408	13:37:25.883	856.47500
MM	83144	16-MAR-2011	13:14:34.136	13:27:17.845	763.70900
SG	83144	16-MAR-2011	13:40:40.292	13:49:21.248	520.95600
BE	83145	16-MAR-2011	13:47:51.781	14:01:15.416	803.63500
MM	83145	16-MAR-2011	14:53:57.729	15:06:36.253	758.52400
GS	83145	16-MAR-2011	14:15:08.544	14:25:58.900	650.35600
SG	83145	16-MAR-2011	15:17:05.695	15:30:45.495	819.80000
BE	83146	16-MAR-2011	15:31:03.589	15:38:07.806	424.21700
MM	83146	16-MAR-2011	16:33:05.578	16:45:37.250	751.67200
GS	83146	16-MAR-2011	15:53:52.950	16:07:38.092	825.14200
MM	83147	16-MAR-2011	18:12:05.553	18:24:41.400	755.84700
GS	83147	16-MAR-2011	17:34:24.248	17:43:29.873	545.62500
JO	83147	16-MAR-2011	18:34:49.845	18:41:51.161	421.31600
MM	83148	16-MAR-2011	19:51:15.992	20:03:59.740	763.74800
MA	83148	16-MAR-2011	18:53:39.919	19:02:31.766	531.84700
JO	83148	16-MAR-2011	20:10:31.376	20:25:31.775	900.39900
HO	83149	16-MAR-2011	21:25:54.924	21:35:17.689	562.76500
MM	83149	16-MAR-2011	21:31:00.508	21:43:34.486	753.97800
MA	83149	16-MAR-2011	20:28:56.748	20:42:36.336	819.58800
JO	83149	16-MAR-2011	21:51:20.553	22:01:50.234	629.68100
HO	83150	16-MAR-2011	23:01:33.079	23:15:46.503	853.42400
MM	83150	16-MAR-2011	23:11:36.659	23:23:25.579	708.92000
MA	83150	16-MAR-2011	22:13:25.079	22:19:54.503	389.42400
KS	83150	16-MAR-2011	22:19:28.710	22:30:01.146	632.43600

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1.5 - List of corrupted products

2 - Instrument Indicators and Daily Plots

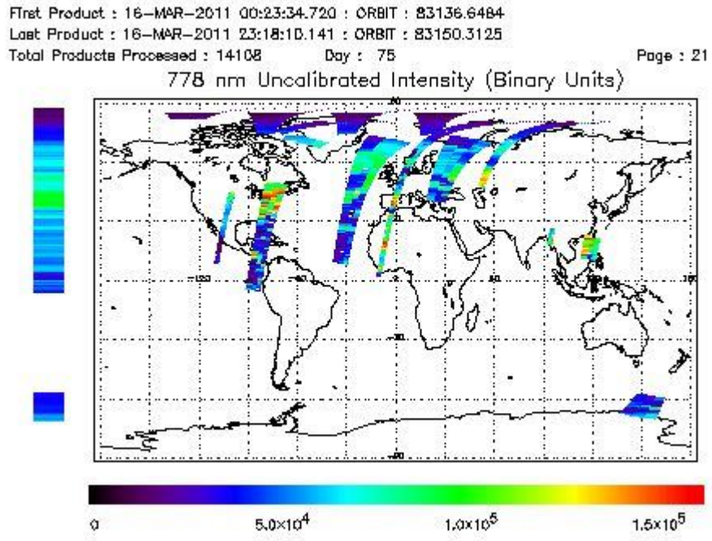
2.1 - Instrument Indicators Status

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

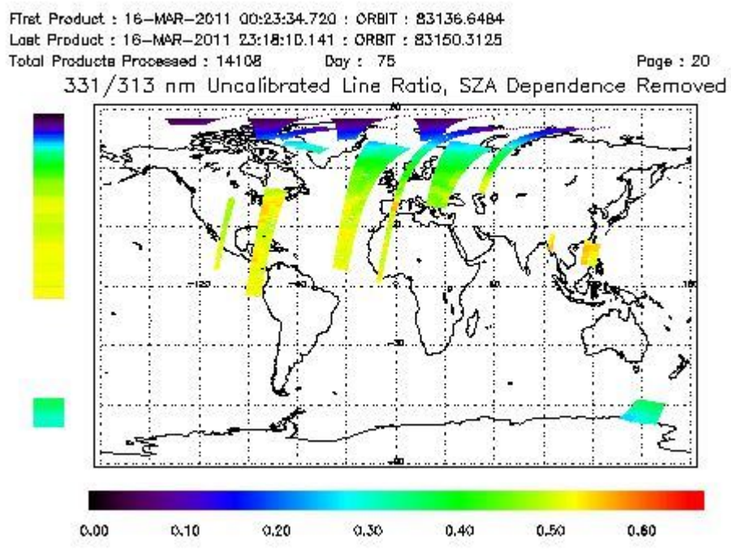
2.2 - Daily Plots

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

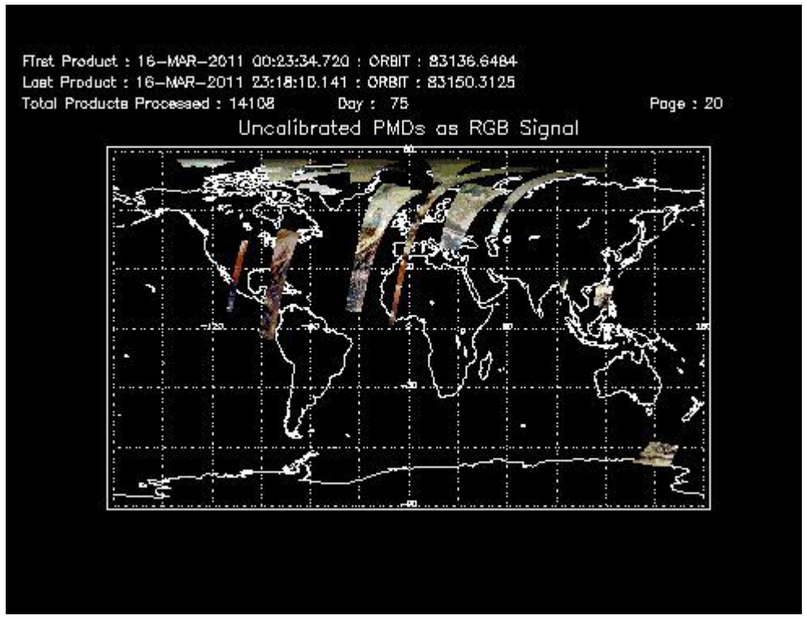
NEAR IR Intensity



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
83056	season	--	--

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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