GOME Daily Report

INDEX

1. General Info
   1.1 Report Summary
   1.2 List of received products
   1.3 List of data gaps
   1.4 List of missing products
   1.5 List of corrupted products
2. Instrument Indicators and Daily Plots
   2.1 Instrument Indicators Status
   2.2 Daily Plots
3. Instrument Calibration
   3.1 Solar Calibration (daily/TST44)
   3.2 Lamp Calibration (quarterly/TST44)
4. Instrument Anomalies
   4.1 Single Event Upset (SEU)
   4.2 Instrument Off
   4.3 Cooler Switchings
5. Instrument Operations
   5.1 Timeline Interruptions
   5.2 TST44
   5.3 Power Cycle
   5.4 Wrong Command Execution
   5.5 Narrow Swath Timeline
   5.6 Seasonal Operations

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	03-DEC-2009
Start Time of First Product	01:17:23
Stop Time of Last Product	23:21:19
Number of EGOI Products analysed	36
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
OI_091203BEEP1326.E2;1	03-DEC-2009	03:21:16.194
EGOI_091203CMEP5395.E2	03-DEC-2009	02:50:43.006
EGOI_091203CMEP5402.E2	03-DEC-2009	04:30:16.621
EGOI_091203CMEP5411.E2	03-DEC-2009	15:14:11.610
EGOI_091203CMEP5419.E2	03-DEC-2009	16:52:19.717
EGOI_091203GSEP4349.E2	03-DEC-2009	01:17:22.935
EGOI_091203GSEP4381.E2	03-DEC-2009	02:54:37.038
EGOI_091203GSEP4409.E2	03-DEC-2009	04:36:37.660
EGOI_091203GSEP4416.E2	03-DEC-2009	06:18:41.296

EGOI_091203HLEP4392.E2	03-DEC-2009	14:16:06.752
EGOI_091203KSEP3902.E2	03-DEC-2009	06:36:14.401
EGOI_091203KSEP3933.E2	03-DEC-2009	08:16:10.520
EGOI_091203KSEP3957.E2	03-DEC-2009	09:55:50.136
EGOI_091203KSEP3983.E2	03-DEC-2009	11:35:26.751
EGOI_091203KSEP4015.E2	03-DEC-2009	13:14:30.367
EGOI_091203KSEP4029.E2	03-DEC-2009	14:53:14.475
EGOI_091203KSEP4048.E2	03-DEC-2009	16:30:54.084
EGOI_091203KSEP4079.E2	03-DEC-2009	18:08:51.688
EGOI_091203KSEP4114.E2	03-DEC-2009	19:47:08.800
EGOI_091203KSEP4139.E2	03-DEC-2009	21:27:40.920
EGOI_091203KSEP4162.E2	03-DEC-2009	23:10:34.059
EGOI_091203MAEP6490.E2	03-DEC-2009	10:03:17.183
EGOI_091203MAEP6507.E2	03-DEC-2009	21:20:00.373
EGOI_091203MIEP6262.E2	03-DEC-2009	02:50:44.506
EGOI_091203MIEP6290.E2	03-DEC-2009	04:30:37.625
EGOI_091203MIEP6317.E2	03-DEC-2009	15:10:55.089
EGOI_091203MIEP6345.E2	03-DEC-2009	16:50:10.705
EGOI_091203MSEP6389.E2	03-DEC-2009	10:11:06.734
EGOI_091203MSEP6419.E2	03-DEC-2009	11:48:20.834
EGOI_091203MSEP6441.E2	03-DEC-2009	13:30:00.462
EGOI_091203MSEP6457.E2	03-DEC-2009	21:22:06.385
EGOI_091203MSEP6489.E2	03-DEC-2009	22:56:59.473
EGOI_091203SGEP1780.E2	03-DEC-2009	01:57:48.681
EGOI_091203SGEP1788.E2	03-DEC-2009	03:32:43.265
EGOI_091203SGEP1796.E2	03-DEC-2009	14:29:06.830
EGOI_091203SGEP1804.E2	03-DEC-2009	16:07:44.939

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	76441	03-DEC-2009	06:34:30.565	06:36:14.401	103.83600
KS	76442	03-DEC-2009	08:13:45.940	08:16:10.520	144.58000
KS	76443	03-DEC-2009	09:53:23.290	09:55:50.136	146.84600
KS	76444	03-DEC-2009	11:32:55.073	11:35:26.751	151.67800
KS	76445	03-DEC-2009	13:12:03.585	13:14:30.366	146.78100
KS	76446	03-DEC-2009	14:50:43.084	14:53:14.474	151.39000
KS	76447	03-DEC-2009	16:28:22.198	16:30:54.083	151.88500
KS	76448	03-DEC-2009	18:06:09.646	18:08:51.688	162.04200
KS	76449	03-DEC-2009	19:45:04.252	19:47:08.799	124.54700
KS	76450	03-DEC-2009	21:25:44.115	21:27:40.919	116.80400
KS	76451	03-DEC-2009	23:08:51.586	23:10:34.059	102.47300

GS	76438	03-DEC-2009	01:15:32.131	01:17:22.934	110.80300
GS	76439	03-DEC-2009	02:52:43.377	02:54:37.038	113.66100
GS	76440	03-DEC-2009	04:34:45.470	04:36:37.660	112.19000
MS	76443	03-DEC-2009	10:08:38.763	10:11:06.734	147.97100
MS	76444	03-DEC-2009	11:45:49.136	11:48:20.834	151.69800
MS	76445	03-DEC-2009	13:27:40.105	13:30:00.461	140.35600
MS	76451	03-DEC-2009	22:55:06.205	22:56:59.472	113.26700
MA	76443	03-DEC-2009	10:01:25.952	10:03:17.183	111.23100
MA	76450	03-DEC-2009	21:17:25.249	21:20:00.372	155.12300
MI	76439	03-DEC-2009	02:48:26.576	02:50:44.506	137.93000
MI	76440	03-DEC-2009	04:28:21.464	04:30:37.624	136.16000
MI	76446	03-DEC-2009	15:08:40.689	15:10:55.089	134.40000
MI	76447	03-DEC-2009	16:47:48.007	16:50:10.704	142.69700
BE	76439	03-DEC-2009	03:18:46.592	03:21:16.194	149.60200
SG	76439	03-DEC-2009	03:29:44.374	03:32:43.264	178.89000
SG	76445	03-DEC-2009	14:26:40.285	14:29:06.829	146.54400
SG	76446	03-DEC-2009	16:04:56.854	16:07:44.939	168.08500
CM	76439	03-DEC-2009	02:49:38.511	02:50:43.006	64.495000
CM	76446	03-DEC-2009	15:13:06.925	15:14:11.609	64.684000
CM	76447	03-DEC-2009	16:50:15.381	16:52:19.716	124.33500

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	76437	03-DEC-2009	00:20:34.115	00:35:12.185	878.07000
MM	76437	03-DEC-2009	00:32:12.607	00:43:12.273	659.66600
HO	76438	03-DEC-2009	02:04:47.916	02:12:07.010	439.09400
MM	76438	03-DEC-2009	02:14:35.579	02:23:31.305	535.72600
MM	76439	03-DEC-2009	03:57:39.546	04:04:17.112	397.56600
MM	76440	03-DEC-2009	05:40:16.327	05:46:06.539	350.21200
MM	76441	03-DEC-2009	07:21:33.827	07:29:05.276	451.44900
JO	76441	03-DEC-2009	07:00:55.357	07:13:02.432	727.07500
MM	76442	03-DEC-2009	09:02:05.575	09:11:57.475	591.90000
MA	76442	03-DEC-2009	08:22:51.461	08:34:14.389	682.92800
JO	76442	03-DEC-2009	08:38:30.065	08:53:16.635	886.57000
MM	76443	03-DEC-2009	10:42:17.745	10:53:54.782	697.03700

MM	76444	03-DEC-2009	12:22:16.341	12:34:47.428	751.08700
MA	76444	03-DEC-2009	11:42:55.031	11:49:28.172	393.14100
BE	76445	03-DEC-2009	12:57:21.424	13:08:49.660	688.23600
MM	76445	03-DEC-2009	14:02:00.710	14:14:44.606	763.89600
BE	76446	03-DEC-2009	14:35:34.170	14:48:41.333	787.16300
MM	76446	03-DEC-2009	15:41:29.020	15:54:05.653	756.63300
GS	76446	03-DEC-2009	15:02:22.589	15:15:18.993	776.40400
MM	76447	03-DEC-2009	17:20:42.347	17:33:13.903	751.55600
GS	76447	03-DEC-2009	16:41:39.060	16:54:59.868	800.80800
MM	76448	03-DEC-2009	18:59:50.655	19:12:28.355	757.70000
GS	76448	03-DEC-2009	18:22:50.797	18:29:51.194	420.39700
JO	76448	03-DEC-2009	19:20:59.701	19:31:36.532	636.83100
MM	76449	03-DEC-2009	20:39:14.058	20:51:58.044	763.98600
MA	76449	03-DEC-2009	19:38:48.827	19:50:55.073	726.24600
JO	76449	03-DEC-2009	20:58:26.592	21:13:23.464	896.87200
HO	76450	03-DEC-2009	22:12:38.582	22:23:50.148	671.56600
MM	76450	03-DEC-2009	22:19:16.021	22:31:43.884	747.86300
JO	76450	03-DEC-2009	22:40:35.775	22:48:04.250	448.47500
HO	76451	03-DEC-2009	23:49:30.004	00:03:57.669	867.66500

[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

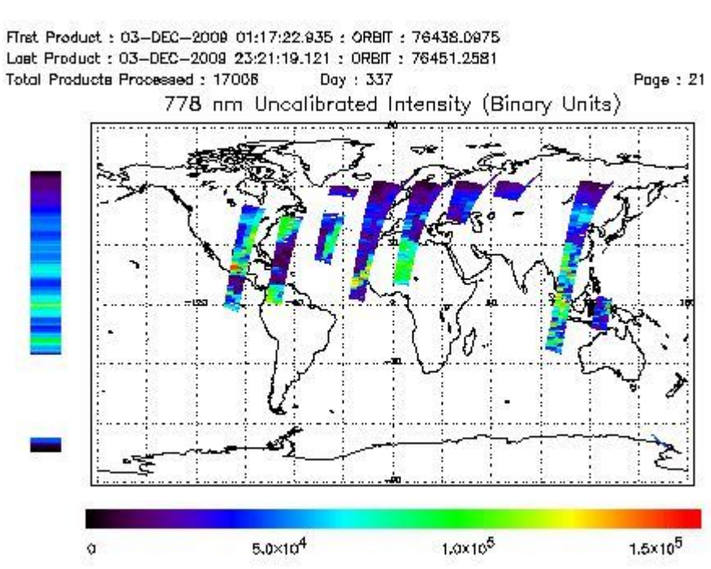
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

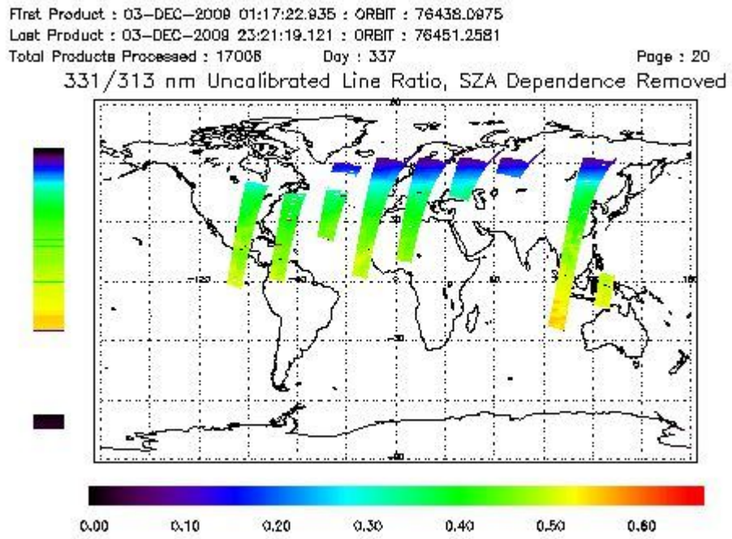
2.2 - Daily Plots

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

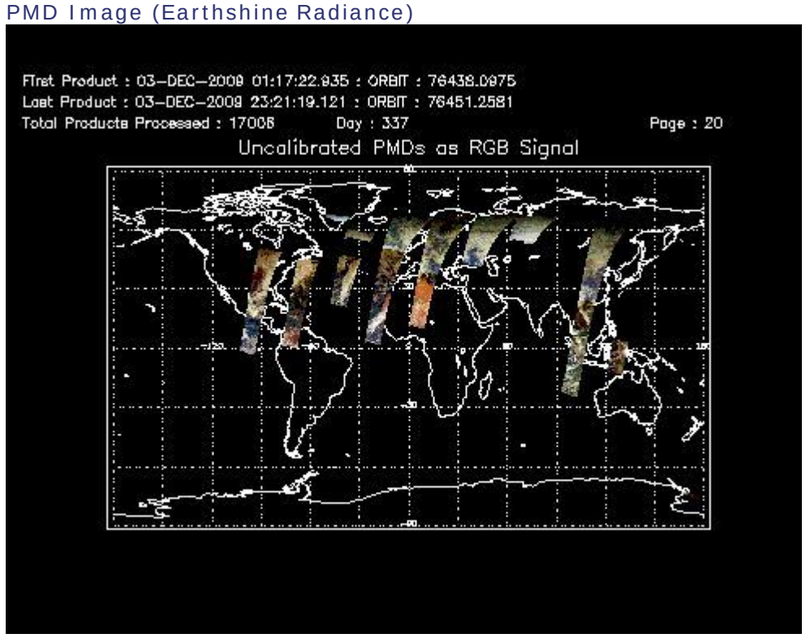
NEAR IR Intensity



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)
D	13:22:01.910	--	76445	Yes	--	15780

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)

[BACK TO MENU]

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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[BACK TO MENU]

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
--	--	--

5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
--	--	--	--	--

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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[BACK TO MENU]

(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