GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	11-DEC-2009
Start Time of First Product	23:41:48 (10-Dec)
Stop Time of Last Product	23:22:51
Number of EGOI Products analysed	33
Number of corrupted products	--
Anomalies and/or Special Operations	no solar calibration measurements available due to the execution of an ERS-2 orbit manoeuvre

1.2 - List of received products

Name	Date	Time
OI_091211GSEP5002.E2;1	11-DEC-2009	02:03:54.880
EGOI_091211GSEP5033.E2	11-DEC-2009	03:43:17.999
EGOI_091211GSEP5043.E2	11-DEC-2009	05:26:05.137
EGOI_091211KSEP6288.E2	11-DEC-2009	07:24:34.370
EGOI_091211KSEP6311.E2	11-DEC-2009	09:04:31.994
EGOI_091211KSEP6337.E2	11-DEC-2009	10:44:11.605
EGOI_091211KSEP6365.E2	11-DEC-2009	12:23:33.225
EGOI_091211KSEP6381.E2	11-DEC-2009	14:02:30.841
EGOI_091211KSEP6409.E2	11-DEC-2009	15:40:37.445

EGOI_091211KSEP6441.E2	11-DEC-2009	17:18:21.549
EGOI_091211KSEP6477.E2	11-DEC-2009	18:56:13.157
EGOI_091211KSEP6512.E2	11-DEC-2009	20:35:40.773
EGOI_091211KSEP6543.E2	11-DEC-2009	22:17:21.905
EGOI_091211MAEP6796.E2	11-DEC-2009	09:11:48.533
EGOI_091211MAEP6810.E2	11-DEC-2009	10:51:44.656
EGOI_091211MIEP7073.E2	11-DEC-2009	02:02:15.872
EGOI_091211MIEP7102.E2	11-DEC-2009	03:38:34.468
EGOI_091211MIEP7118.E2	11-DEC-2009	05:23:35.122
EGOI_091211MIEP7134.E2	11-DEC-2009	14:23:03.966
EGOI_091211MIEP7143.E2	11-DEC-2009	15:58:37.554
EGOI_091211MIEP7163.E2	11-DEC-2009	17:40:14.190
EGOI_091211MMEP1470.E2	10-DEC-2009	23:41:48.002
EGOI_091211MMEP1482.E2	11-DEC-2009	09:52:09.787
EGOI_091211MMEP1490.E2	11-DEC-2009	13:12:11.027
EGOI_091211MMEP1500.E2	11-DEC-2009	16:31:22.759
EGOI_091211MMEP1508.E2	11-DEC-2009	18:11:35.382
EGOI_091211MMEP1516.E2	11-DEC-2009	19:50:02.991
EGOI_091211MMEP1523.E2	11-DEC-2009	21:29:59.107
EGOI_091211MMEP1532.E2	11-DEC-2009	23:09:44.726
EGOI_091211MSEP7334.E2	11-DEC-2009	00:18:06.225
EGOI_091211MSEP7361.E2	11-DEC-2009	10:57:29.689
EGOI_091211MSEP7389.E2	11-DEC-2009	12:36:54.307
EGOI_091211MSEP7421.E2	11-DEC-2009	22:07:09.842

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	76556	11-DEC-2009	07:22:36.880	07:24:34.370	117.49000
KS	76557	11-DEC-2009	09:02:08.793	09:04:31.994	143.20100
KS	76558	11-DEC-2009	10:41:45.615	10:44:11.605	145.99000
KS	76559	11-DEC-2009	12:21:08.467	12:23:33.224	144.75700
KS	76560	11-DEC-2009	14:00:02.226	14:02:30.840	148.61400
KS	76561	11-DEC-2009	15:38:03.114	15:40:37.444	154.33000
KS	76562	11-DEC-2009	17:15:52.303	17:18:21.549	149.24600
KS	76563	11-DEC-2009	18:54:01.404	18:56:13.156	131.75200
KS	76564	11-DEC-2009	20:33:42.477	20:35:40.772	118.29500
KS	76565	11-DEC-2009	22:15:27.381	22:17:21.904	114.52300
GS	76553	11-DEC-2009	02:02:10.722	02:03:54.880	104.15800
GS	76554	11-DEC-2009	03:41:32.708	03:43:17.998	105.29000
MS	76552	11-DEC-2009	00:15:58.650	00:18:06.224	127.57400

MS	76558	11-DEC-2009	10:55:03.359	10:57:29.689	146.33000
MS	76559	11-DEC-2009	12:34:29.073	12:36:54.307	145.23400
MS	76565	11-DEC-2009	22:05:19.134	22:07:09.842	110.70800
MS	76566	11-DEC-2009	23:43:39.329	23:45:47.954	128.62500
MA	76558	11-DEC-2009	10:49:55.176	10:51:44.655	109.47900
MI	76553	11-DEC-2009	02:00:06.474	02:02:15.872	129.39800
MI	76554	11-DEC-2009	03:36:07.041	03:38:34.467	147.42600
MI	76560	11-DEC-2009	14:21:14.637	14:23:03.966	109.32900
MI	76561	11-DEC-2009	15:56:15.540	15:58:37.554	142.01400
MI	76562	11-DEC-2009	17:38:02.794	17:40:14.190	131.39600
MM	76557	11-DEC-2009	09:50:47.585	09:52:09.787	82.202000
MM	76559	11-DEC-2009	13:10:44.926	13:12:11.026	86.100000
MM	76561	11-DEC-2009	16:29:42.147	16:31:22.758	100.61100
MM	76562	11-DEC-2009	18:08:51.112	18:11:35.382	164.27000
MM	76563	11-DEC-2009	19:48:03.790	19:50:02.990	119.20000
MM	76564	11-DEC-2009	21:27:43.163	21:29:59.106	135.94300
MM	76565	11-DEC-2009	23:08:11.002	23:09:44.726	93.724000

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	76552	11-DEC-2009	01:09:53.595	01:22:58.576	784.98100
MM	76552	11-DEC-2009	01:21:48.924	01:31:53.600	604.67600
BE	76553	11-DEC-2009	02:27:47.389	02:40:45.645	778.25600
MM	76553	11-DEC-2009	03:04:37.146	03:12:22.927	465.78100
SG	76553	11-DEC-2009	02:39:33.718	02:51:50.758	737.04000
CM	76553	11-DEC-2009	03:35:26.861	03:47:17.370	710.50900
BE	76554	11-DEC-2009	04:07:29.939	04:19:17.896	707.95700
MM	76554	11-DEC-2009	04:47:38.912	04:53:33.724	354.81200
SG	76554	11-DEC-2009	04:18:44.345	04:30:52.474	728.12900
MM	76555	11-DEC-2009	06:29:36.889	06:36:03.218	386.32900
CM	76555	11-DEC-2009	05:16:24.640	05:24:57.969	513.32900
MM	76556	11-DEC-2009	08:10:26.929	08:19:08.229	521.30000
JO	76556	11-DEC-2009	07:47:32.306	08:02:11.956	879.65000
JO	76557	11-DEC-2009	09:28:12.124	09:40:27.175	735.05100
MM	76558	11-DEC-2009	11:30:53.020	11:43:02.445	729.42500

HO	76560	11-DEC-2009	15:00:05.205	15:09:12.158	546.95300
MM	76560	11-DEC-2009	14:50:21.690	15:03:03.046	761.35600
GS	76560	11-DEC-2009	14:12:25.204	14:21:48.930	563.72600
SG	76560	11-DEC-2009	15:13:31.604	15:27:18.841	827.23700
BE	76561	11-DEC-2009	15:25:19.499	15:36:09.118	649.61900
GS	76561	11-DEC-2009	15:50:22.743	16:04:18.104	835.36100
SG	76561	11-DEC-2009	16:55:47.668	17:03:12.170	444.50200
CM	76561	11-DEC-2009	15:59:18.440	16:11:14.283	715.84300
GS	76562	11-DEC-2009	17:30:27.135	17:41:48.041	680.90600
CM	76562	11-DEC-2009	17:39:57.494	17:48:29.081	511.58700
MA	76563	11-DEC-2009	18:53:07.926	18:57:26.264	258.33800
JO	76563	11-DEC-2009	20:07:39.147	20:21:58.384	859.23700
MA	76564	11-DEC-2009	20:25:59.227	20:39:45.063	825.83600
JO	76564	11-DEC-2009	21:47:17.715	22:00:30.488	792.77300
HO	76565	11-DEC-2009	22:59:14.270	23:12:37.771	803.50100
MA	76565	11-DEC-2009	22:08:21.726	22:18:10.475	588.74900

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

---

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

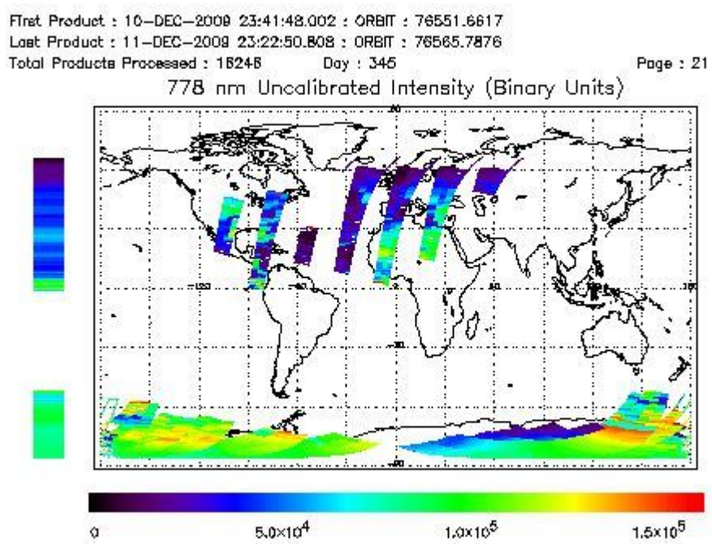
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

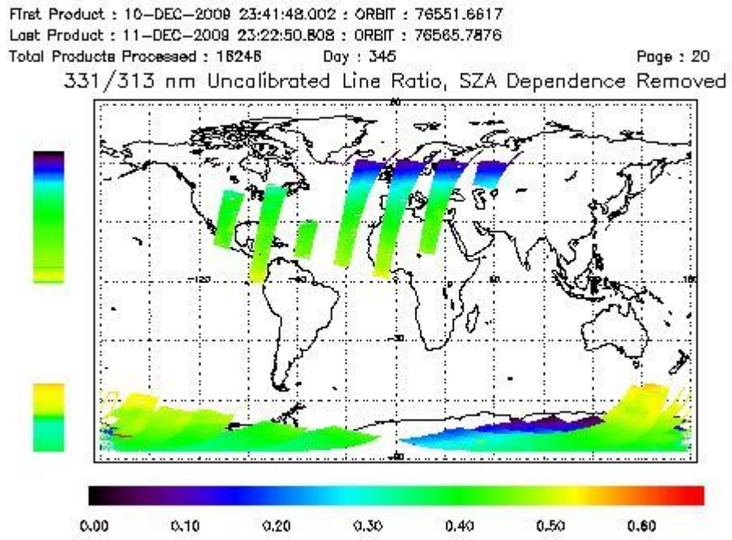
2.2 - Daily Plots

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

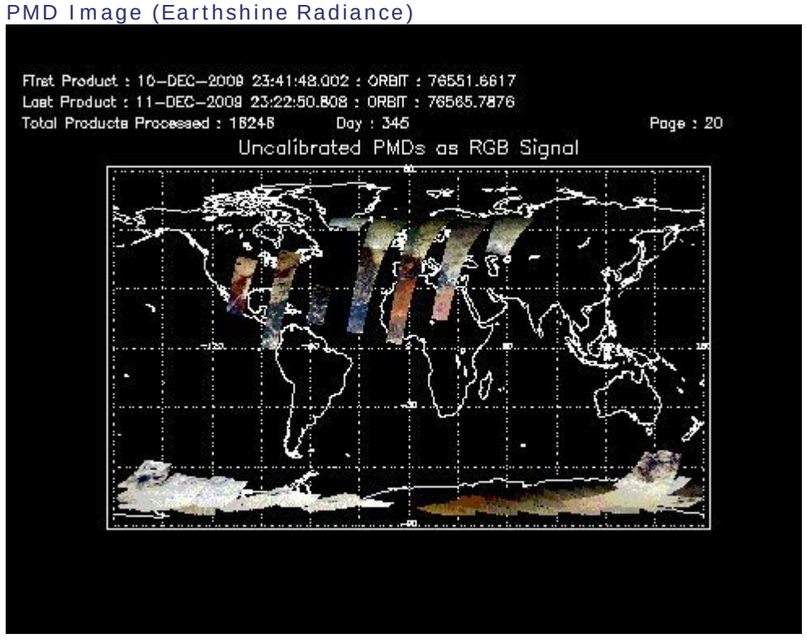
NEAR IR Intensity



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)
--	--	--	--	--	--	--

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)
--	--	--	--	--	--	--	--

(1)

[BACK TO MENU]

4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

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

4.2 - Instrument Off

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

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
--	--	--	--	--	--	--	--	--

[BACK TO MENU]

5 - Instrument Operations

Additional Info

5.1 - Timeline Interruptions

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

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
--	--	--	--

5.6 - **Seasonal Operations**

Start Time	End Time	Start Orbit	End Orbit
--	--	--	--

[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