GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	18-NOV-2009
Start Time of First Product	00:41:59
Stop Time of Last Product	22:52:58
Number of EGOI Products analysed	28
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
OI_091118BEEP1212.E2;1	18-NOV-2009	02:52:53.996
EGOI_091118BEEP1218.E2	18-NOV-2009	04:33:42.619
EGOI_091118GSEP3307.E2	18-NOV-2009	02:26:22.331
EGOI_091118GSEP3332.E2	18-NOV-2009	04:06:54.454
EGOI_091118GSEP3339.E2	18-NOV-2009	05:49:23.588
EGOI_091118KSEP9405.E2	18-NOV-2009	07:47:24.316
EGOI_091118KSEP9430.E2	18-NOV-2009	09:27:24.936
EGOI_091118KSEP9459.E2	18-NOV-2009	11:07:01.555
EGOI_091118KSEP9491.E2	18-NOV-2009	12:46:18.663

EGOI_091118KSEP9521.E2	18-NOV-2009	14:25:11.779
EGOI_091118KSEP9537.E2	18-NOV-2009	16:02:55.878
EGOI_091118KSEP9567.E2	18-NOV-2009	17:40:53.490
EGOI_091118KSEP9603.E2	18-NOV-2009	19:18:48.094
EGOI_091118KSEP9638.E2	18-NOV-2009	20:58:44.206
EGOI_091118KSEP9660.E2	18-NOV-2009	22:41:35.845
EGOI_091118MAEP6027.E2	18-NOV-2009	09:35:09.987
EGOI_091118MAEP6038.E2	18-NOV-2009	11:14:45.098
EGOI_091118MIEP4846.E2	18-NOV-2009	02:23:32.816
EGOI_091118MIEP4866.E2	18-NOV-2009	04:02:10.927
EGOI_091118MIEP4887.E2	18-NOV-2009	14:43:44.892
EGOI_091118MIEP4913.E2	18-NOV-2009	16:21:24.497
EGOI_091118MSEP4618.E2	18-NOV-2009	00:41:59.189
EGOI_091118MSEP4641.E2	18-NOV-2009	11:20:09.134
EGOI_091118MSEP4665.E2	18-NOV-2009	13:00:23.254
EGOI_091118MSEP4692.E2	18-NOV-2009	22:29:14.766
EGOI_091118SGEP1404.E2	18-NOV-2009	03:04:12.070
EGOI_091118SGEP1413.E2	18-NOV-2009	04:44:11.185
EGOI_091118SGEP1420.E2	18-NOV-2009	14:02:08.634

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	76227	18-NOV-2009	07:45:19.976	07:47:24.315	124.33900
KS	76228	18-NOV-2009	09:24:55.279	09:27:24.935	149.65600
KS	76229	18-NOV-2009	11:04:30.406	11:07:01.554	151.14800
KS	76230	18-NOV-2009	12:43:47.536	12:46:18.662	151.12600
KS	76231	18-NOV-2009	14:22:36.518	14:25:11.779	155.26100
KS	76232	18-NOV-2009	16:00:23.187	16:02:55.878	152.69100
KS	76233	18-NOV-2009	17:38:18.196	17:40:53.489	155.29300
KS	76234	18-NOV-2009	19:16:39.543	19:18:48.094	128.55100
KS	76235	18-NOV-2009	20:56:45.544	20:58:44.206	118.66200
KS	76236	18-NOV-2009	22:39:04.971	22:41:35.845	150.87400
GS	76225	18-NOV-2009	04:04:57.218	04:06:54.453	117.23500
MS	76223	18-NOV-2009	00:40:14.139	00:41:59.188	105.04900
MS	76229	18-NOV-2009	11:17:31.028	11:20:09.133	158.10500
MS	76230	18-NOV-2009	12:57:51.167	13:00:23.254	152.08700
MS	76236	18-NOV-2009	22:27:13.253	22:29:14.765	121.51200
MA	76228	18-NOV-2009	09:33:01.273	09:35:09.987	128.71400
MA	76229	18-NOV-2009	11:13:43.565	11:14:45.098	61.533000

MI	76224	18-NOV-2009	02:21:12.585	02:23:32.815	140.23000
MI	76225	18-NOV-2009	03:59:05.033	04:02:10.927	185.89400
MI	76231	18-NOV-2009	14:41:30.802	14:43:44.892	134.09000
MI	76232	18-NOV-2009	16:19:01.548	16:21:24.496	142.94800
BE	76224	18-NOV-2009	02:50:22.147	02:52:53.996	151.84900
BE	76225	18-NOV-2009	04:30:39.496	04:33:42.619	183.12300
SG	76224	18-NOV-2009	03:01:37.769	03:04:12.070	154.30100
SG	76225	18-NOV-2009	04:42:31.562	04:44:11.185	99.623000
SG	76230	18-NOV-2009	14:00:35.360	14:02:08.633	93.273000

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	76222	18-NOV-2009	00:03:09.002	00:14:35.453	686.45100
HO	76223	18-NOV-2009	01:33:31.003	01:45:08.439	697.43600
MM	76223	18-NOV-2009	01:45:14.553	01:54:49.705	575.15200
GS	76223	18-NOV-2009	00:48:42.892	00:57:26.789	523.89700
MM	76224	18-NOV-2009	03:28:11.579	03:35:25.400	433.82100
CM	76224	18-NOV-2009	03:57:48.329	04:10:11.652	743.32300
MM	76225	18-NOV-2009	05:11:05.070	05:16:52.013	346.94300
MM	76226	18-NOV-2009	06:52:44.020	06:59:37.080	413.06000
KS	76226	18-NOV-2009	06:06:28.813	06:12:13.968	345.15500
CM	76226	18-NOV-2009	05:42:08.653	05:44:49.523	160.87000
JO	76226	18-NOV-2009	06:34:33.507	06:43:24.013	530.50600
MM	76227	18-NOV-2009	08:33:24.818	08:42:38.421	553.60300
MA	76227	18-NOV-2009	07:55:59.129	08:01:45.734	346.60500
JO	76227	18-NOV-2009	08:10:00.070	08:25:00.925	900.85500
MM	76228	18-NOV-2009	10:13:41.430	10:24:53.617	672.18700
JO	76228	18-NOV-2009	09:52:27.583	10:01:56.747	569.16400
HO	76229	18-NOV-2009	12:03:02.249	12:16:30.723	808.47400
MM	76229	18-NOV-2009	11:53:43.827	12:06:04.394	740.56700
HO	76230	18-NOV-2009	13:42:05.674	13:56:32.608	866.93400
MM	76230	18-NOV-2009	13:33:32.456	13:46:15.788	763.33200
BE	76231	18-NOV-2009	14:06:58.851	14:20:23.829	804.97800
HO	76231	18-NOV-2009	15:23:29.993	15:30:49.088	439.09500
MM	76231	18-NOV-2009	15:13:05.487	15:25:44.819	759.33200

GS	76231	18-NOV-2009	14:34:26.850	14:45:24.784	657.93400
SG	76231	18-NOV-2009	15:36:10.103	15:49:59.332	829.22900
BE	76232	18-NOV-2009	15:49:31.145	15:57:56.862	505.71700
MM	76232	18-NOV-2009	16:52:22.544	17:04:54.423	751.87900
GS	76232	18-NOV-2009	16:13:07.081	16:26:58.434	831.35300
CM	76232	18-NOV-2009	16:21:46.010	16:34:10.545	744.53500
MM	76233	18-NOV-2009	18:31:30.639	18:44:05.744	755.10500
GS	76233	18-NOV-2009	17:53:35.724	18:03:24.138	588.41400
CM	76233	18-NOV-2009	18:04:52.835	18:08:28.100	215.26500
MM	76234	18-NOV-2009	20:10:47.282	20:23:30.700	763.41800
MA	76234	18-NOV-2009	19:13:16.669	19:21:17.610	480.94100
JO	76234	18-NOV-2009	20:30:06.069	20:45:01.156	895.08700
HO	76235	18-NOV-2009	21:46:15.818	21:54:40.214	504.39600
MM	76235	18-NOV-2009	21:50:36.020	22:03:12.118	756.09800
MA	76235	18-NOV-2009	20:48:34.174	21:02:17.066	822.89200
JO	76235	18-NOV-2009	22:10:39.806	22:22:04.565	684.75900
HO	76236	18-NOV-2009	23:21:18.967	23:35:29.597	850.63000
MM	76236	18-NOV-2009	23:31:17.287	23:43:08.217	710.93000
MA	76236	18-NOV-2009	22:32:49.835	22:39:50.149	420.31400

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

---

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

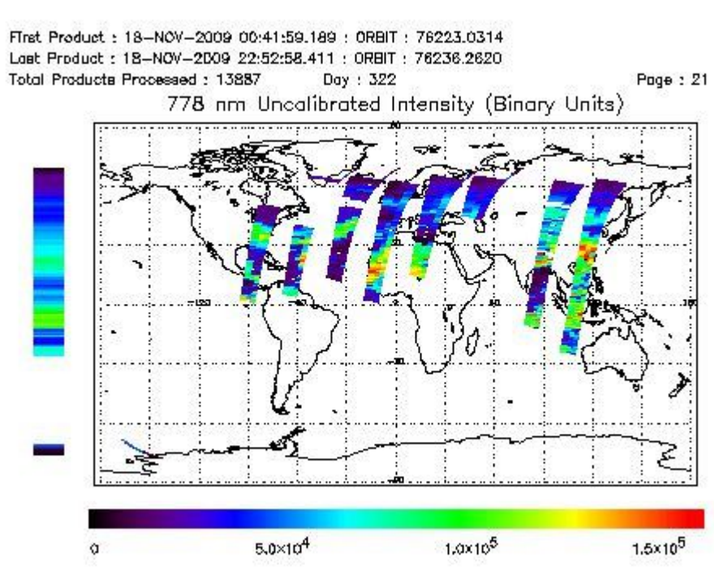
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

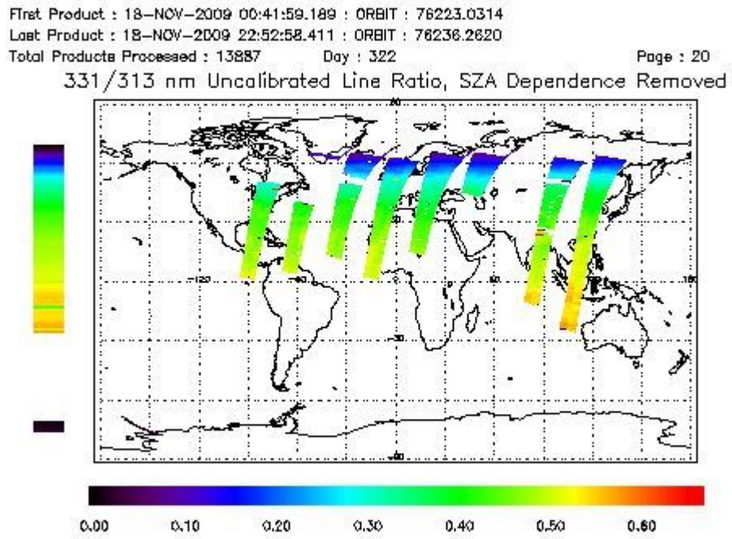
2.2 - Daily Plots

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

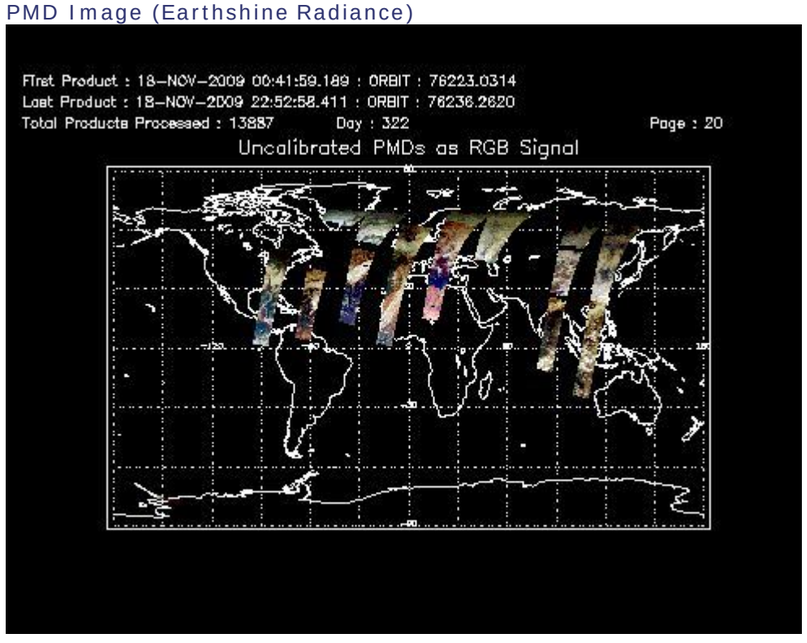
NEAR IR Intensity



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)
D	11:14:45.090	--	76229	Yes	--	15659

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