GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	09-NOV-2009
Start Time of First Product	--
Stop Time of Last Product	--
Number of EGOI Products analysed	35
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_091109BEEP1143.E2	09-NOV-2009	04:16:18.985
EGOI_091109GSEP2654.E2	09-NOV-2009	02:09:46.714
EGOI_091109GSEP2681.E2	09-NOV-2009	03:49:26.324
EGOI_091109GSEP2691.E2	09-NOV-2009	05:32:07.455
EGOI_091109KSEP6964.E2	09-NOV-2009	07:30:20.182
EGOI_091109KSEP6987.E2	09-NOV-2009	09:10:20.801
EGOI_091109KSEP7012.E2	09-NOV-2009	10:50:00.415
EGOI_091109KSEP7040.E2	09-NOV-2009	12:29:20.523
EGOI_091109KSEP7056.E2	09-NOV-2009	14:08:18.139

EGOI_091109KSEP7085.E2	09-NOV-2009	15:46:14.242
EGOI_091109KSEP7117.E2	09-NOV-2009	17:24:05.842
EGOI_091109KSEP7153.E2	09-NOV-2009	19:01:55.941
EGOI_091109KSEP7188.E2	09-NOV-2009	20:41:29.558
EGOI_091109KSEP7219.E2	09-NOV-2009	22:23:24.185
EGOI_091109MAEP5760.E2	09-NOV-2009	09:17:38.844
EGOI_091109MAEP5768.E2	09-NOV-2009	10:57:36.459
EGOI_091109MIEP3915.E2	09-NOV-2009	02:07:34.702
EGOI_091109MIEP3934.E2	09-NOV-2009	03:44:20.289
EGOI_091109MIEP3953.E2	09-NOV-2009	14:28:06.260
EGOI_091109MIEP3968.E2	09-NOV-2009	16:04:26.347
EGOI_091109MIEP3986.E2	09-NOV-2009	17:46:31.479
EGOI_091109MMEP0707.E2	09-NOV-2009	01:29:04.463
EGOI_091109MMEP0715.E2	09-NOV-2009	04:54:16.220
EGOI_091109MMEP0724.E2	09-NOV-2009	08:17:27.972
EGOI_091109MMEP0731.E2	09-NOV-2009	09:58:01.591
EGOI_091109MMEP0738.E2	09-NOV-2009	11:38:17.209
EGOI_091109MMEP0753.E2	09-NOV-2009	16:37:10.048
EGOI_091109MMEP0760.E2	09-NOV-2009	21:38:34.411
EGOI_091109MSEP3531.E2	09-NOV-2009	00:24:05.563
EGOI_091109MSEP3554.E2	09-NOV-2009	11:03:21.494
EGOI_091109MSEP3581.E2	09-NOV-2009	12:42:47.610
EGOI_091109MSEP3612.E2	09-NOV-2009	22:12:48.118
EGOI_091109SGEP1131.E2	09-NOV-2009	02:47:25.941
EGOI_091109SGEP1141.E2	09-NOV-2009	04:26:40.052
EGOI_091109SGEP1149.E2	09-NOV-2009	17:04:41.721

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	76098	09-NOV-2009	07:28:17.467	07:30:20.181	122.71400
KS	76099	09-NOV-2009	09:07:50.407	09:10:20.800	150.39300
KS	76100	09-NOV-2009	10:47:26.888	10:50:00.414	153.52600
KS	76101	09-NOV-2009	12:26:48.404	12:29:20.522	152.11800
KS	76102	09-NOV-2009	14:05:41.590	14:08:18.139	156.54900
KS	76103	09-NOV-2009	15:43:38.233	15:46:14.242	156.00900
KS	76104	09-NOV-2009	17:21:29.748	17:24:05.842	156.09400
KS	76105	09-NOV-2009	18:59:40.498	19:01:55.940	135.44200
KS	76106	09-NOV-2009	20:39:27.624	20:41:29.557	121.93300
KS	76107	09-NOV-2009	22:21:20.889	22:23:24.184	123.29500
GS	76095	09-NOV-2009	02:07:44.303	02:09:46.713	122.41000
GS	76096	09-NOV-2009	03:47:22.059	03:49:26.323	124.26400

MS	76094	09-NOV-2009	00:21:57.772	00:24:05.563	127.79100
MS	76100	09-NOV-2009	11:00:39.893	11:03:21.494	161.60100
MS	76101	09-NOV-2009	12:40:15.481	12:42:47.610	152.12900
MS	76107	09-NOV-2009	22:10:45.360	22:12:48.117	122.75700
MS	76108	09-NOV-2009	23:49:28.186	23:51:44.229	136.04300
MA	76099	09-NOV-2009	09:16:23.991	09:17:38.843	74.852000
MA	76100	09-NOV-2009	10:55:42.428	10:57:36.458	114.03000
MI	76095	09-NOV-2009	02:05:17.998	02:07:34.702	136.70400
MI	76096	09-NOV-2009	03:41:49.565	03:44:20.289	150.72400
MI	76102	09-NOV-2009	14:25:59.567	14:28:06.259	126.69200
MI	76103	09-NOV-2009	16:01:55.832	16:04:26.347	150.51500
MI	76104	09-NOV-2009	17:44:13.919	17:46:31.479	137.56000
MM	76094	09-NOV-2009	01:27:40.045	01:29:04.462	84.417000
MM	76098	09-NOV-2009	08:16:11.521	08:17:27.971	76.450000
MM	76099	09-NOV-2009	09:56:31.115	09:58:01.590	90.475000
MM	76100	09-NOV-2009	11:36:35.787	11:38:17.209	101.42200
MM	76103	09-NOV-2009	16:35:22.301	16:37:10.047	107.74600
MM	76106	09-NOV-2009	21:33:26.128	21:38:34.410	308.28200
BE	76096	09-NOV-2009	04:13:16.296	04:16:18.985	182.68900
SG	76095	09-NOV-2009	02:45:02.240	02:47:25.941	143.70100
SG	76096	09-NOV-2009	04:24:37.539	04:26:40.052	122.51300

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	76094	09-NOV-2009	01:15:43.496	01:28:32.735	769.23900
BE	76095	09-NOV-2009	02:33:25.248	02:46:32.007	786.75900
MM	76095	09-NOV-2009	03:10:30.697	03:18:08.339	457.64200
CM	76095	09-NOV-2009	03:40:59.991	03:53:02.614	722.62300
MM	76097	09-NOV-2009	06:35:23.986	06:41:56.553	392.56700
KS	76097	09-NOV-2009	05:49:59.233	05:52:29.518	150.28500
CM	76097	09-NOV-2009	05:22:33.149	05:30:13.017	459.86800
JO	76098	09-NOV-2009	07:53:07.544	08:07:55.211	887.66700
JO	76099	09-NOV-2009	09:34:11.481	09:45:53.489	702.00800
MM	76101	09-NOV-2009	13:16:26.883	13:29:08.848	761.96500
HO	76102	09-NOV-2009	15:05:55.402	15:14:40.125	524.72300

MM	76102	09-NOV-2009	14:56:02.722	15:08:43.600	760.87800
GS	76102	09-NOV-2009	14:17:53.258	14:27:53.106	599.84800
SG	76102	09-NOV-2009	15:19:09.368	15:33:00.774	831.40600
BE	76103	09-NOV-2009	15:31:18.476	15:41:39.082	620.60600
GS	76103	09-NOV-2009	15:56:03.366	16:09:59.470	836.10400
CM	76103	09-NOV-2009	16:04:53.527	16:17:00.599	727.07200
MM	76104	09-NOV-2009	18:14:30.970	18:27:04.747	753.77700
GS	76104	09-NOV-2009	17:36:13.451	17:47:13.798	660.34700
CM	76104	09-NOV-2009	17:45:59.467	17:53:41.565	462.09800
MM	76105	09-NOV-2009	19:53:44.521	20:06:26.953	762.43200
MA	76105	09-NOV-2009	18:58:20.875	19:03:08.703	287.82800
JO	76105	09-NOV-2009	20:13:14.601	20:27:45.948	871.34700
MA	76106	09-NOV-2009	20:45:19.3		
JO	76106	09-NOV-2009	21:53:06.481	22:05:56.654	770.17300
HO	76107	09-NOV-2009	23:04:43.766	23:18:21.243	817.47700
MM	76107	09-NOV-2009	23:13:57.258	23:25:59.359	722.10100
MA	76107	09-NOV-2009	22:14:23.286	22:23:39.124	555.83800

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

---

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

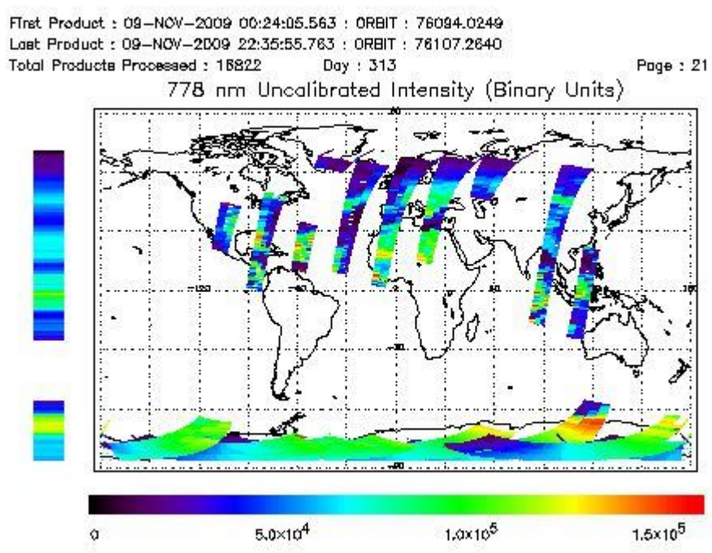
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

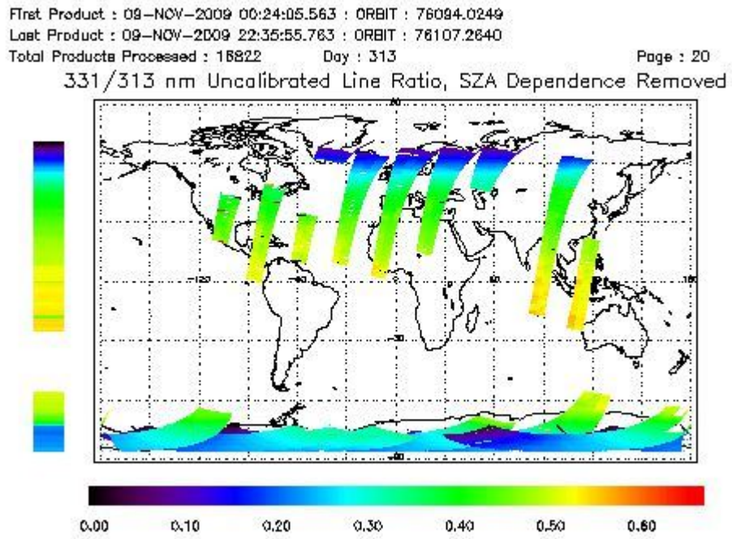
2.2 - Daily Plots

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

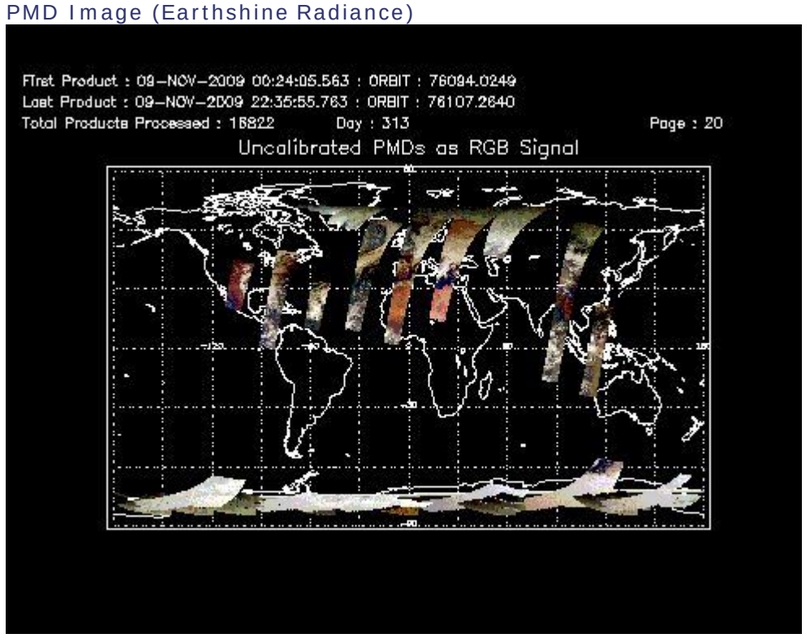
NEAR IR Intensity



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	--	--	--	Yes	--	15602

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