GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	09-MAR-2010
Start Time of First Product	00:53:56
Stop Time of Last Product	23:03:50
Number of EGOI Products analysed	29
Number of corrupted products	--
Anomalies and/or Special Operations	No solar calibration measurements available due to the execution of an ERS2 orbit manoeuvre

1.2 - List of received products

Name	Date	Time
EGOI_100309BEEP2088.E2	09-MAR-2010	03:03:41.501
EGOI_100309BEEP2094.E2	09-MAR-2010	04:44:55.624
EGOI_100309GSEP1320.E2	09-MAR-2010	01:00:28.746
EGOI_100309GSEP1352.E2	09-MAR-2010	02:37:11.341
EGOI_100309GSEP1381.E2	09-MAR-2010	04:18:19.460
EGOI_100309GSEP1388.E2	09-MAR-2010	06:00:41.088
EGOI_100309KSEP0806.E2	09-MAR-2010	06:18:50.200
EGOI_100309KSEP0835.E2	09-MAR-2010	07:58:40.309
EGOI_100309KSEP0861.E2	09-MAR-2010	09:38:19.919

EGOI_100309KSEP0895.E2	09-MAR-2010	11:17:55.031
EGOI_100309KSEP0926.E2	09-MAR-2010	12:57:06.143
EGOI_100309KSEP0940.E2	09-MAR-2010	14:35:56.246
EGOI_100309KSEP0969.E2	09-MAR-2010	16:13:37.345
EGOI_100309KSEP1001.E2	09-MAR-2010	17:51:40.945
EGOI_100309KSEP1037.E2	09-MAR-2010	19:29:38.552
EGOI_100309KSEP1066.E2	09-MAR-2010	21:09:49.664
EGOI_100309KSEP1078.E2	09-MAR-2010	22:52:27.791
EGOI_100309MAEP9656.E2	09-MAR-2010	09:45:57.470
EGOI_100309MAEP9677.E2	09-MAR-2010	21:02:13.613
EGOI_100309MIEP5523.E2	09-MAR-2010	02:33:54.821
EGOI_100309MIEP5550.E2	09-MAR-2010	04:13:20.928
EGOI_100309MIEP5575.E2	09-MAR-2010	14:54:03.859
EGOI_100309MIEP5605.E2	09-MAR-2010	16:32:26.959
EGOI_100309MMEP5286.E2	09-MAR-2010	01:57:42.602
EGOI_100309MMEP5294.E2	09-MAR-2010	12:06:31.333
EGOI_100309MMEP5305.E2	09-MAR-2010	17:05:12.159
EGOI_100309MSEP7661.E2	09-MAR-2010	00:53:55.706
EGOI_100309MSEP7684.E2	09-MAR-2010	11:30:59.610
EGOI_100309MSEP7735.E2	09-MAR-2010	22:39:54.716

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	77815	09-MAR-2010	06:17:38.837	06:18:50.199	71.362000
KS	77816	09-MAR-2010	07:56:42.143	07:58:40.308	118.16500
KS	77817	09-MAR-2010	09:36:18.516	09:38:19.918	121.40200
KS	77818	09-MAR-2010	11:15:52.469	11:17:55.030	122.56100
KS	77819	09-MAR-2010	12:55:06.351	12:57:06.142	119.79100
KS	77820	09-MAR-2010	14:33:51.552	14:35:56.245	124.69300
KS	77821	09-MAR-2010	16:11:32.921	16:13:37.345	124.42400
KS	77822	09-MAR-2010	17:49:27.396	17:51:40.945	133.54900
KS	77823	09-MAR-2010	19:28:00.447	19:29:38.552	98.105000
KS	77824	09-MAR-2010	21:08:19.629	21:09:49.664	90.035000
KS	77825	09-MAR-2010	22:50:57.518	22:52:27.791	90.273000
GS	77812	09-MAR-2010	00:59:22.511	01:00:28.746	66.235000
GS	77813	09-MAR-2010	02:35:44.912	02:37:11.340	86.428000
GS	77814	09-MAR-2010	04:16:47.408	04:18:19.460	92.052000
MS	77818	09-MAR-2010	11:28:48.904	11:30:59.610	130.70600
MS	77825	09-MAR-2010	22:38:18.711	22:39:54.716	96.005000

MA	77817	09-MAR-2010	09:44:21.694	09:45:57.470	95.776000
MA	77824	09-MAR-2010	21:00:04.103	21:02:13.612	129.50900
MI	77813	09-MAR-2010	02:32:00.882	02:33:54.820	113.93800
MI	77814	09-MAR-2010	04:10:42.490	04:13:20.927	158.43700
MI	77820	09-MAR-2010	14:52:15.710	14:54:03.858	108.14800
MI	77821	09-MAR-2010	16:30:29.449	16:32:26.959	117.51000
MM	77818	09-MAR-2010	12:05:08.969	12:06:31.332	82.363000
MM	77821	09-MAR-2010	17:03:42.545	17:05:12.158	89.613000
BE	77813	09-MAR-2010	03:01:42.568	03:03:41.501	118.93300
BE	77814	09-MAR-2010	04:42:19.350	04:44:55.624	156.27400

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	77811	09-MAR-2010	00:03:36.681	00:18:10.305	873.62400
MM	77811	09-MAR-2010	00:14:45.795	00:26:02.048	676.25300
HO	77812	09-MAR-2010	01:45:47.490	01:56:09.932	622.44200
MM	77813	09-MAR-2010	03:39:58.874	03:46:57.545	418.67100
SG	77813	09-MAR-2010	03:12:48.617	03:26:33.744	825.12700
CM	77813	09-MAR-2010	02:34:54.762	02:38:21.305	206.54300
CM	77813	09-MAR-2010	04:09:07.664	04:21:32.309	744.64500
MM	77814	09-MAR-2010	05:22:46.472	05:28:32.956	346.48400
SG	77814	09-MAR-2010	04:54:46.131	05:02:40.347	474.21600
MM	77815	09-MAR-2010	07:04:16.431	07:11:24.346	427.91500
JO	77815	09-MAR-2010	06:44:57.804	06:55:21.826	624.02200
MM	77816	09-MAR-2010	08:44:53.316	08:54:22.572	569.25600
MA	77816	09-MAR-2010	08:06:33.524	08:16:14.157	580.63300
JO	77816	09-MAR-2010	08:21:20.669	08:36:21.354	900.68500
MM	77817	09-MAR-2010	10:25:08.086	10:36:30.733	682.64700
JO	77817	09-MAR-2010	10:05:02.946	10:12:16.294	433.34800
MA	77818	09-MAR-2010	11:25:28.499	11:33:40.288	491.78900
MM	77819	09-MAR-2010	13:44:55.916	13:57:39.709	763.79300
MS	77819	09-MAR-2010	13:09:38.677	13:18:47.075	548.39800
SG	77819	09-MAR-2010	14:10:46.578	14:19:55.730	549.15200
BE	77820	09-MAR-2010	14:18:21.871	14:31:44.318	802.44700
MM	77820	09-MAR-2010	15:24:27.058	15:37:05.309	758.25100

GS	77820	09-MAR-2010	14:45:34.826	14:56:23.625	648.79900
SG	77820	09-MAR-2010	15:47:36.802	16:01:12.179	815.37700
CM	77820	09-MAR-2010	14:58:35.378	15:01:02.734	147.35600
BE	77821	09-MAR-2010	16:02:00.165	16:08:31.295	391.13000
GS	77821	09-MAR-2010	16:24:31.019	16:38:13.529	822.51000
CM	77821	09-MAR-2010	16:33:06.539	16:45:30.048	743.50900
MM	77822	09-MAR-2010	18:42:50.538	18:55:26.640	756.10200
GS	77822	09-MAR-2010	18:05:14.210	18:14:04.353	530.14300
JO	77822	09-MAR-2010	19:05:16.278	19:12:58.635	462.35700
MM	77823	09-MAR-2010	20:22:09.644	20:34:53.474	763.83000
MA	77823	09-MAR-2010	19:24:22.866	19:33:29.827	546.96100
JO	77823	09-MAR-2010	20:41:24.195	20:56:25.441	901.24600
HO	77824	09-MAR-2010	21:56:39.674	22:06:24.230	584.55600
MM	77824	09-MAR-2010	22:02:03.480	22:14:36.687	753.20700
JO	77824	09-MAR-2010	22:22:29.864	22:32:38.839	608.97500
HO	77825	09-MAR-2010	23:32:31.284	23:46:53.393	862.10900
MM	77825	09-MAR-2010	23:42:51.703	23:54:34.334	702.63100
MA	77825	09-MAR-2010	22:45:40.979	22:50:13.002	272.02300

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

---

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

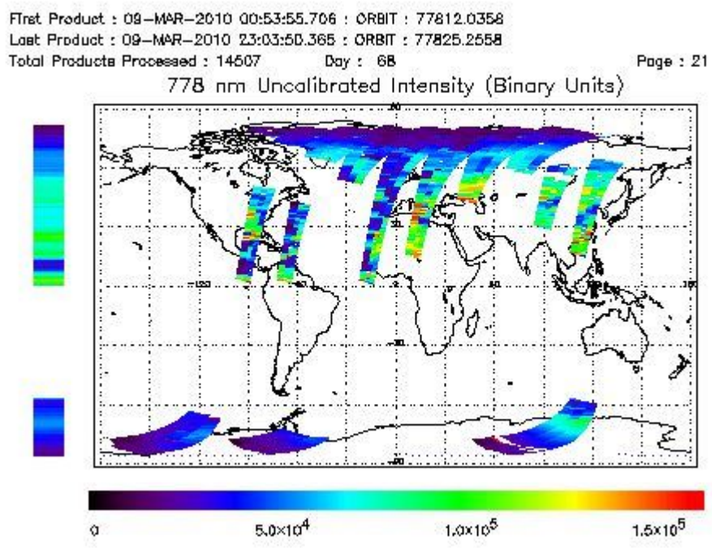
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

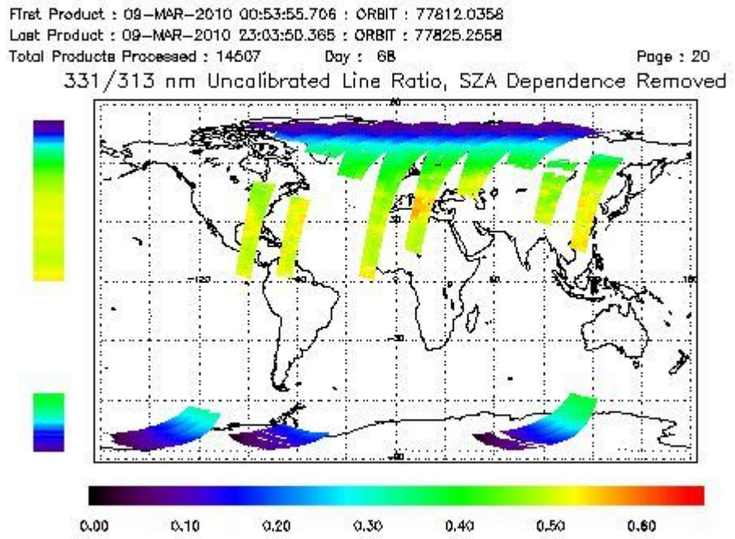
2.2 - Daily Plots

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

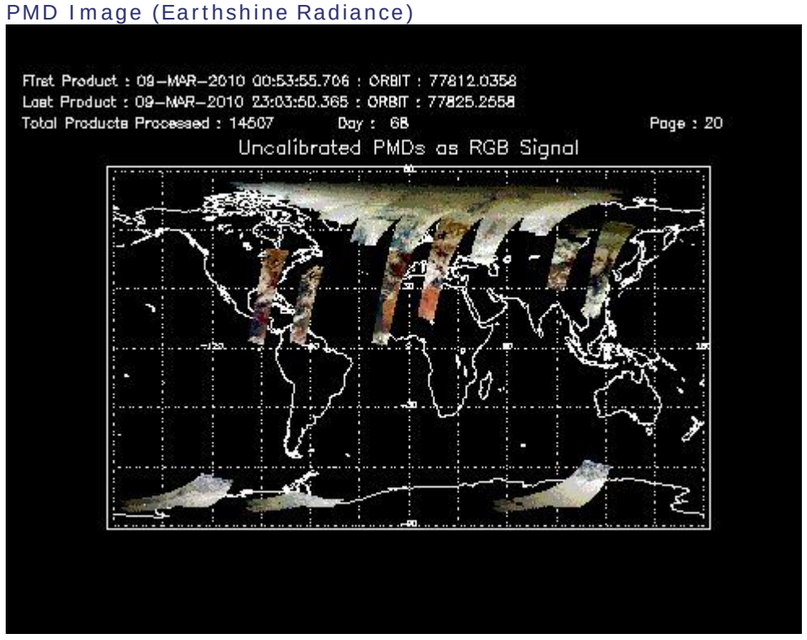
NEAR IR Intensity



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