GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	11-APR-2010
Start Time of First Product	23:38:16
Stop Time of Last Product	22:26:34
Number of EGOI Products analysed	43
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100411BEEP2429.E2	11-APR-2010	02:26:45.736
EGOI_100411BEEP2435.E2	11-APR-2010	04:07:02.849
EGOI_100411GSEP3860.E2	11-APR-2010	02:00:29.079
EGOI_100411GSEP3891.E2	11-APR-2010	03:39:50.681
EGOI_100411GSEP3900.E2	11-APR-2010	05:22:28.810
EGOI_100411KSEP9479.E2	11-APR-2010	07:21:01.033
EGOI_100411KSEP9497.E2	11-APR-2010	09:00:58.648
EGOI_100411KSEP9518.E2	11-APR-2010	10:40:38.258
EGOI_100411KSEP9544.E2	11-APR-2010	12:20:01.366

EGOI_100411KSEP9570.E2	11-APR-2010	13:58:58.972
EGOI_100411KSEP9590.E2	11-APR-2010	15:37:10.079
EGOI_100411KSEP9617.E2	11-APR-2010	17:14:49.670
EGOI_100411KSEP9648.E2	11-APR-2010	18:52:45.777
EGOI_100411KSEP9678.E2	11-APR-2010	20:32:04.380
EGOI_100411KSEP9705.E2	11-APR-2010	22:13:47.003
EGOI_100411MAEP0896.E2	11-APR-2010	09:08:15.195
EGOI_100411MAEP0910.E2	11-APR-2010	10:48:11.305
EGOI_100411MIEP9069.E2	11-APR-2010	01:58:59.064
EGOI_100411MIEP9097.E2	11-APR-2010	03:34:56.650
EGOI_100411MIEP9117.E2	11-APR-2010	05:19:24.290
EGOI_100411MIEP9132.E2	11-APR-2010	14:20:02.105
EGOI_100411MIEP9158.E2	11-APR-2010	15:55:04.180
EGOI_100411MIEP9183.E2	11-APR-2010	17:36:28.803
EGOI_100411MMEP6235.E2	10-APR-2010	23:38:16.205
EGOI_100411MMEP6242.E2	11-APR-2010	01:19:31.822
EGOI_100411MMEP6247.E2	11-APR-2010	03:02:00.951
EGOI_100411MMEP6255.E2	11-APR-2010	04:44:42.076
EGOI_100411MMEP6264.E2	11-APR-2010	06:26:47.204
EGOI_100411MMEP6271.E2	11-APR-2010	08:08:01.324
EGOI_100411MMEP6279.E2	11-APR-2010	09:48:37.942
EGOI_100411MMEP6290.E2	11-APR-2010	14:48:15.778
EGOI_100411MMEP6298.E2	11-APR-2010	16:27:55.384
EGOI_100411MMEP6305.E2	11-APR-2010	18:08:04.996
EGOI_100411MMEP6309.E2	11-APR-2010	19:46:32.605
EGOI_100411MMEP6317.E2	11-APR-2010	21:26:19.712
EGOI_100411MSEP1550.E2	11-APR-2010	00:14:29.925
EGOI_100411MSEP1577.E2	11-APR-2010	10:54:03.842
EGOI_100411MSEP1605.E2	11-APR-2010	12:33:28.449
EGOI_100411MSEP1634.E2	11-APR-2010	22:04:00.445
EGOI_100411SGEP4796.E2	11-APR-2010	02:43:56.341
EGOI_100411SGEP4803.E2	11-APR-2010	04:24:14.954
EGOI_100411SGEP4809.E2	11-APR-2010	15:12:29.427
EGOI_100411SGEP4816.E2	11-APR-2010	16:54:39.049

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78284	11-APR-2010	01:06:59.627	01:20:11.187	791.56000

CM	78285	11-APR-2010	03:32:40.890	03:44:24.302	703.41200
CM	78286	11-APR-2010	05:13:22.242	05:22:18.677	536.43500
JO	78288	11-APR-2010	07:44:45.125	07:59:20.071	874.94600
JO	78289	11-APR-2010	09:25:13.314	09:37:43.294	749.98000
MM	78290	11-APR-2010	11:28:01.620	11:40:09.474	727.85400
MM	78291	11-APR-2010	13:07:53.929	13:20:34.874	760.94500
HO	78292	11-APR-2010	14:57:09.857	15:06:27.820	557.96300
GS	78292	11-APR-2010	14:09:41.974	14:18:45.793	543.81900
BE	7293	11-APR-2010	15:22:20.787	15:33:23.582	662.79500
GS	78293	11-APR-2010	15:47:32.553	16:01:27.094	834.54100
CM	78293	11-APR-2010	15:56:31.395	16:08:20.523	709.12800
GS	78294	11-APR-2010	17:27:34.153	17:39:04.764	690.61100
CM	78294	11-APR-2010	17:36:57.920	17:45:51.225	533.30500
MA	78295	11-APR-2010	18:50:20.596	18:54:34.885	254.28900
JO	78295	11-APR-2010	20:04:51.775	20:19:04.102	852.32700
MA	78296	11-APR-2010	20:23:10.872	20:36:57.638	826.76600
JO	78296	11-APR-2010	21:44:23.701	21:57:46.824	803.12300
HO	78297	11-APR-2010	22:56:27.377	23:09:45.920	798.54300
MM	78297	11-APR-2010	23:05:17.952	23:17:25.073	727.12100
MA	78297	11-APR-2010	22:05:21.921	22:15:25.498	603.57700
MS	78298	11-APR-2010	23:40:45.437	23:53:43.278	777.84100

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

---

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

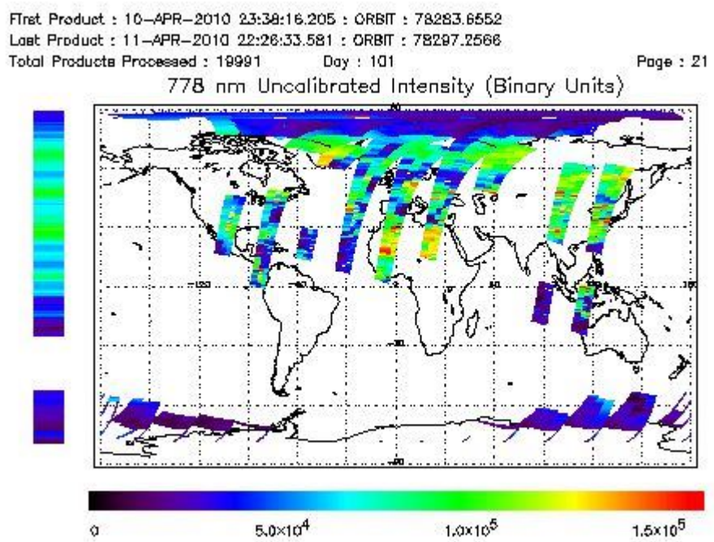
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK

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

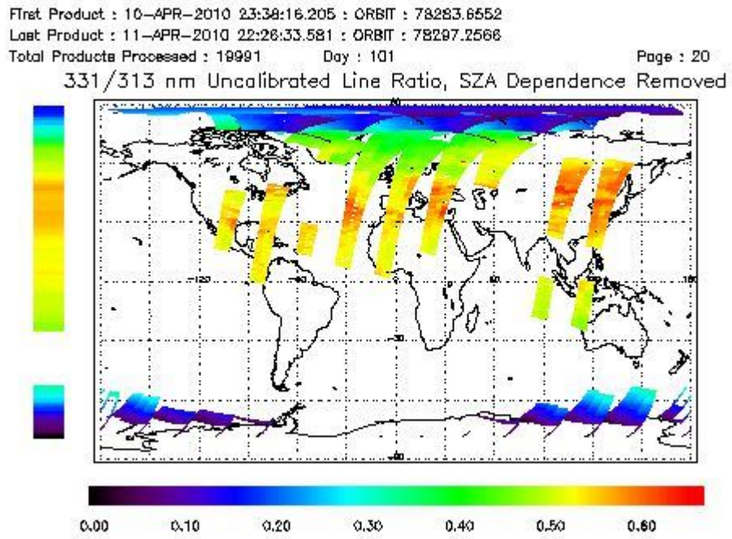
2.2 - Daily Plots

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

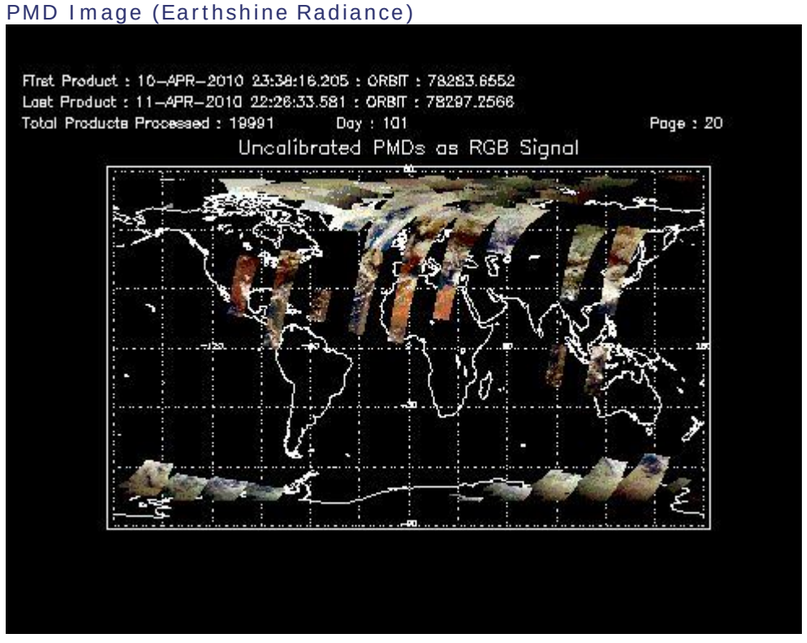
NEAR IR Intensity



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	18:59:47.316	--	78295	Yes	--	15174

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