GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	25-MAR-2010
Start Time of First Product	00:50:35
Stop Time of Last Product	23:00:52
Number of EGOI Products analysed	32
Number of corrupted products	--
Anomalies and/or Special Operations	Narrow Swath continued from previous day, stop orbit: 78049

1.2 - List of received products

Name	Date	Time
EGOI_100325BEEP2232.E2	25-MAR-2010	03:00:44.410
EGOI_100325BEEP2238.E2	25-MAR-2010	04:41:25.521
EGOI_100325CMEP7238.E2	25-MAR-2010	02:34:48.753
EGOI_100325CMEP7244.E2	25-MAR-2010	04:10:44.833
EGOI_100325CMEP7253.E2	25-MAR-2010	16:35:04.392
EGOI_100325GSEP2537.E2	25-MAR-2010	00:57:42.154
EGOI_100325GSEP2567.E2	25-MAR-2010	02:34:11.249
EGOI_100325GSEP2596.E2	25-MAR-2010	04:15:08.860
EGOI_100325GSEP2603.E2	25-MAR-2010	05:57:30.491

EGOI_100325KSEP5353.E2	25-MAR-2010	06:15:50.100
EGOI_100325KSEP5376.E2	25-MAR-2010	07:55:40.212
EGOI_100325KSEP5401.E2	25-MAR-2010	09:35:19.818
EGOI_100325KSEP5436.E2	25-MAR-2010	11:14:56.430
EGOI_100325KSEP5468.E2	25-MAR-2010	12:54:09.037
EGOI_100325KSEP5491.E2	25-MAR-2010	14:32:59.141
EGOI_100325KSEP5507.E2	25-MAR-2010	16:10:40.244
EGOI_100325KSEP5538.E2	25-MAR-2010	17:48:40.843
EGOI_100325KSEP5574.E2	25-MAR-2010	19:26:39.947
EGOI_100325KSEP5603.E2	25-MAR-2010	21:06:48.055
EGOI_100325KSEP5632.E2	25-MAR-2010	22:49:23.185
EGOI_100325MIEP7268.E2	25-MAR-2010	02:31:02.230
EGOI_100325MIEP7291.E2	25-MAR-2010	04:10:14.833
EGOI_100325MIEP7315.E2	25-MAR-2010	14:51:12.758
EGOI_100325MIEP7345.E2	25-MAR-2010	16:29:22.357
EGOI_100325MSEP9531.E2	25-MAR-2010	00:50:34.611
EGOI_100325MSEP9552.E2	25-MAR-2010	11:28:01.008
EGOI_100325MSEP9576.E2	25-MAR-2010	13:08:40.628
EGOI_100325MSEP9609.E2	25-MAR-2010	22:37:11.110
EGOI_100325SGEP4529.E2	25-MAR-2010	03:12:08.480
EGOI_100325SGEP4534.E2	25-MAR-2010	04:53:04.591
EGOI_100325SGEP4539.E2	25-MAR-2010	14:09:21.500
EGOI_100325SGEP4547.E2	25-MAR-2010	15:51:02.622

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	78045	25-MAR-2010	07:53:51.571	07:55:40.212	108.64100
KS	78046	25-MAR-2010	09:33:27.710	09:35:19.817	112.10700
KS	78047	25-MAR-2010	11:13:01.977	11:14:56.430	114.45300
KS	78048	25-MAR-2010	12:52:16.695	12:54:09.037	112.34200
KS	78049	25-MAR-2010	14:31:02.845	14:32:59.140	116.29500
KS	78050	25-MAR-2010	16:08:45.499	16:10:40.243	114.74400
KS	78051	25-MAR-2010	17:46:40.725	17:48:40.842	120.11700
KS	78052	25-MAR-2010	19:25:10.102	19:26:39.947	89.845000
KS	78053	25-MAR-2010	21:05:25.943	21:06:48.055	82.112000
KS	78054	25-MAR-2010	22:47:59.132	22:49:23.185	84.053000
GS	78041	25-MAR-2010	00:56:42.043	00:57:42.154	60.111000
GS	78042	25-MAR-2010	02:32:55.906	02:34:11.249	75.343000
GS	78043	25-MAR-2010	04:13:49.294	04:15:08.860	79.566000
MS	78047	25-MAR-2010	11:25:59.019	11:28:01.008	121.98900

MS	78048	25-MAR-2010	13:06:41.918	13:08:40.627	118.70900
MS	78054	25-MAR-2010	22:35:31.866	22:37:11.110	99.244000
MI	78042	25-MAR-2010	02:29:18.076	02:31:02.230	104.15400
MI	78043	25-MAR-2010	04:07:47.545	04:10:14.833	147.28800
MI	78043	25-MAR-2010	04:18:14.879	04:20:19.373	124.49400
MI	78049	25-MAR-2010	14:49:33.391	14:51:12.757	99.366000
MI	78050	25-MAR-2010	16:27:37.157	16:29:22.357	105.20000
BE	78042	25-MAR-2010	02:58:52.288	03:00:44.410	112.12200
BE	78043	25-MAR-2010	04:39:23.982	04:41:25.521	121.53900
SG	78042	25-MAR-2010	03:10:00.412	03:12:08.479	128.06700
SG	78042	25-MAR-2010	03:14:06.991	03:23:42.061	575.07000
SG	78043	25-MAR-2010	04:51:40.430	04:53:04.591	84.161000
SG	78043	25-MAR-2010	04:55:18.106	05:00:07.253	289.14700
SG	78048	25-MAR-2010	14:08:11.227	14:09:21.500	70.273000
SG	78049	25-MAR-2010	15:44:44.651	15:51:02.621	377.97000
CM	78050	25-MAR-2010	16:30:16.006	16:35:04.391	288.38500
CM	78050	25-MAR-2010	16:39:17.919	16:42:40.699	202.78000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78040	25-MAR-2010	00:00:48.430	00:15:19.937	871.50700
MM	78040	25-MAR-2010	00:11:51.516	00:23:10.383	678.86700
HO	78041	25-MAR-2010	01:42:37.567	01:53:25.086	647.51900
MM	78041	25-MAR-2010	01:54:02.423	02:03:26.002	563.57900
MM	78042	25-MAR-2010	03:37:02.056	03:44:04.446	422.39000
MM	78043	25-MAR-2010	05:19:51.233	05:25:37.609	346.37600
MM	78044	25-MAR-2010	07:01:23.393	07:08:27.521	424.12800
JO	78044	25-MAR-2010	06:42:20.449	06:52:23.395	602.94600
MM	78045	25-MAR-2010	08:42:01.218	08:51:26.598	565.38000
MA	78045	25-MAR-2010	08:03:53.044	08:13:12.132	559.08800
JO	78045	25-MAR-2010	08:18:30.101	08:33:31.505	901.40400
MM	78046	25-MAR-2010	10:22:16.438	10:33:36.536	680.09800
MA	78046	25-MAR-2010	09:41:31.402	09:55:12.158	820.75600
JO	78046	25-MAR-2010	10:01:51.196	10:09:44.164	472.96800
HO	78047	25-MAR-2010	12:11:28.339	12:25:18.453	830.11400

MM	78047	25-MAR-2010	12:02:17.700	12:14:41.808	744.10800
MA	78047	25-MAR-2010	11:22:31.644	11:30:54.686	503.04200
HO	78048	25-MAR-2010	13:50:40.343	14:04:56.818	856.47500
MM	78048	25-MAR-2010	13:42:05.071	13:54:48.780	763.70900
SG	78048	25-MAR-2010	14:08:11.227	14:16:52.183	520.95600
BE	78049	25-MAR-2010	14:15:30.737	14:28:54.372	803.63500
MM	78049	25-MAR-2010	15:21:36.685	15:34:15.209	758.52400
GS	78049	25-MAR-2010	14:42:47.500	14:53:37.856	650.35600
BE	78050	25-MAR-2010	15:58:50.567	16:05:54.784	424.21700
MM	78050	25-MAR-2010	17:00:52.556	17:13:24.228	751.67200
GS	78050	25-MAR-2010	16:21:39.928	16:35:25.070	825.14200
MM	78051	25-MAR-2010	18:40:00.552	18:52:36.399	755.84700
GS	78051	25-MAR-2010	18:02:19.247	18:11:24.872	545.62500
JO	78051	25-MAR-2010	19:02:44.844	19:09:46.160	421.31600
MM	78052	25-MAR-2010	20:19:19.012	20:32:02.760	763.74800
MA	78052	25-MAR-2010	19:21:42.939	19:30:34.786	531.84700
JO	78052	25-MAR-2010	20:38:34.396	20:53:34.795	900.39900
HO	78053	25-MAR-2010	21:54:05.965	22:03:28.730	562.76500
MM	78053	25-MAR-2010	21:59:11.549	22:11:45.527	753.97800
MA	78053	25-MAR-2010	20:57:07.789	21:10:47.377	819.58800
JO	78053	25-MAR-2010	22:19:31.594	22:30:01.275	629.68100
HO	78054	25-MAR-2010	23:29:43.053	23:44:02.552	859.49900
MM	78054	25-MAR-2010	23:39:58.018	23:51:42.789	704.77100
MA	78054	25-MAR-2010	22:42:26.298	22:47:40.662	314.36400

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

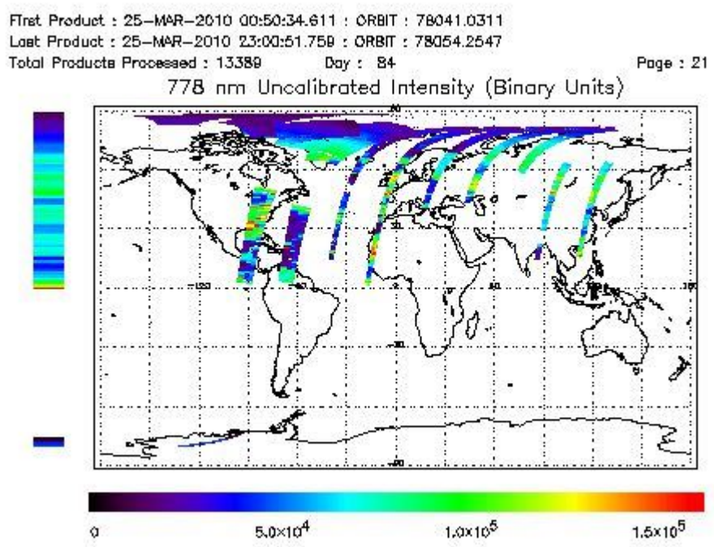
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK

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	Polar View operated
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

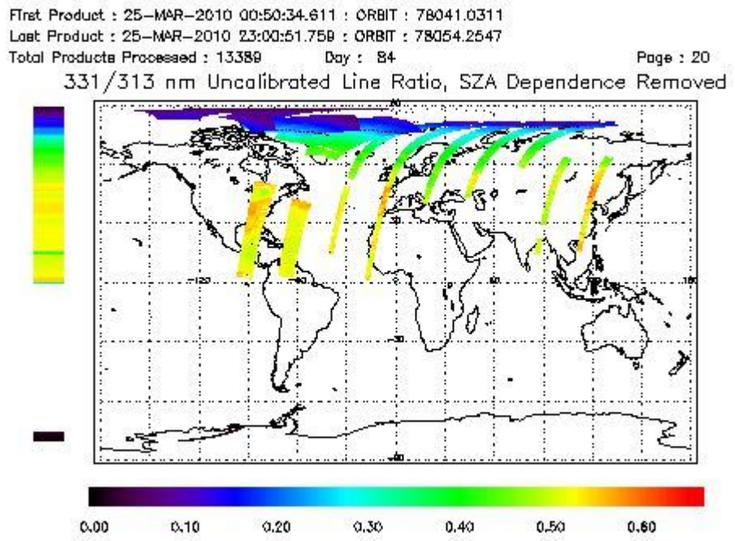
2.2 - Daily Plots

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

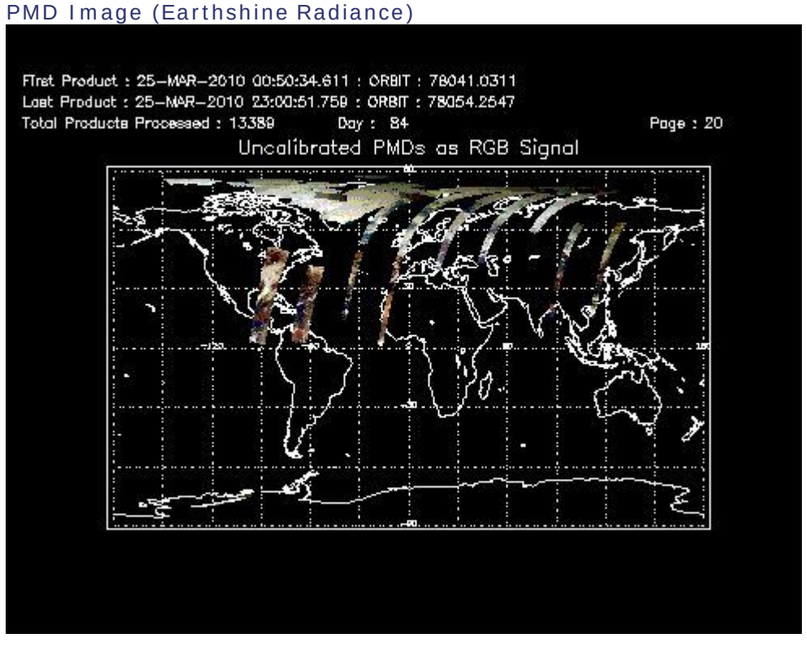
NEAR IR Intensity



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	14:34:32.156	--	78049	Yes	--	15387

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

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
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[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
17:00	14:00	78036	78049

5.6 - **Seasonal Operations**

Start Time	End Time	Start Orbit	End Orbit
07:00 10-Mar	--	77830	--

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(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