GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	07-APR-2010
Start Time of First Product	00:03:49
Stop Time of Last Product	22:52:13
Number of EGOI Products analysed	27
Number of corrupted products	--
Anomalies and/or Special Operations	no solar calibration measurements available due to the uncorrect removal of the Solar Calibration Timeline

1.2 - List of received products

Name	Date	Time
EGOI_100407BEEP2387.E2	07-APR-2010	02:52:13.610
EGOI_100407CMEP7447.E2	07-APR-2010	16:24:50.083
EGOI_100407GSEP3539.E2	07-APR-2010	02:25:43.445
EGOI_100407GSEP3569.E2	07-APR-2010	04:06:17.060
EGOI_100407GSEP3576.E2	07-APR-2010	05:48:40.187
EGOI_100407KSEP8502.E2	07-APR-2010	07:46:39.415
EGOI_100407KSEP8522.E2	07-APR-2010	09:26:40.022
EGOI_100407KSEP8551.E2	07-APR-2010	11:06:16.633
EGOI_100407KSEP8576.E2	07-APR-2010	12:45:32.240

EGOI_100407KSEP8602.E2	07-APR-2010	14:24:26.850
EGOI_100407KSEP8614.E2	07-APR-2010	16:02:09.446
EGOI_100407KSEP8641.E2	07-APR-2010	17:40:07.048
EGOI_100407KSEP8672.E2	07-APR-2010	19:18:00.152
EGOI_100407KSEP8702.E2	07-APR-2010	20:58:00.759
EGOI_100407KSEP8716.E2	07-APR-2010	22:40:22.393
EGOI_100407MAEP0776.E2	07-APR-2010	09:34:22.069
EGOI_100407MAEP0791.E2	07-APR-2010	11:14:00.180
EGOI_100407MIEP8681.E2	07-APR-2010	02:22:50.929
EGOI_100407MIEP8708.E2	07-APR-2010	04:01:24.532
EGOI_100407MIEP8736.E2	07-APR-2010	16:20:39.559
EGOI_100407MMEP6000.E2	07-APR-2010	00:03:48.576
EGOI_100407MMEP6008.E2	07-APR-2010	03:28:28.829
EGOI_100407MMEP6025.E2	07-APR-2010	21:52:26.592
EGOI_100407MMEP6035.E2	07-APR-2010	23:32:37.710
EGOI_100407MSEP1108.E2	07-APR-2010	00:41:18.811
EGOI_100407MSEP1124.E2	07-APR-2010	11:19:25.711
EGOI_100407MSEP1148.E2	07-APR-2010	12:59:38.330
EGOI_100407MSEP1175.E2	07-APR-2010	22:28:34.315

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	78231	07-APR-2010	07:45:19.977	07:46:39.415	79.438000
KS	78232	07-APR-2010	09:24:55.280	09:26:40.021	104.74100
KS	78233	07-APR-2010	11:04:30.407	11:06:16.632	106.22500
KS	78234	07-APR-2010	12:43:47.537	12:45:32.240	104.70300
KS	78235	07-APR-2010	14:22:36.518	14:24:26.850	110.33200
KS	78236	07-APR-2010	16:00:23.187	16:02:09.446	106.25900
KS	78237	07-APR-2010	17:38:18.196	17:40:07.047	108.85100
KS	78238	07-APR-2010	19:16:39.544	19:18:00.152	80.608000
KS	78239	07-APR-2010	20:56:45.545	20:58:00.758	75.213000
KS	78240	07-APR-2010	22:39:04.972	22:40:22.392	77.420000
GS	78229	07-APR-2010	04:04:57.218	04:06:17.060	79.842000
MS	78227	07-APR-2010	00:40:14.140	00:41:18.811	64.671000
MS	78233	07-APR-2010	11:17:31.029	11:19:25.710	114.68100
MS	78234	07-APR-2010	12:57:51.168	12:59:38.330	107.16200
MS	78240	07-APR-2010	22:27:13.254	22:28:34.315	81.061000
MA	78232	07-APR-2010	09:33:01.274	09:34:22.068	80.794000
MI	78228	07-APR-2010	02:21:12.585	02:22:50.928	98.343000

MI	78229	07-APR-2010	03:59:05.033	04:01:24.531	139.49800
MI	78236	07-APR-2010	16:19:01.548	16:20:39.559	98.011000
MM	78239	07-APR-2010	21:50:36.021	21:52:26.591	110.57000
BE	78228	07-APR-2010	02:50:22.147	02:52:13.609	111.46200
CM	78236	07-APR-2010	16:21:46.010	16:24:50.083	184.07300

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78226	06-APR-2010	23:52:19.125	00:06:48.354	869.22900
HO	78227	07-APR-2010	01:33:31.004	01:45:08.440	697.43600
MM	78227	07-APR-2010	01:45:14.554	01:54:49.706	575.15200
GS	78227	07-APR-2010	00:48:42.893	00:57:26.790	523.89700
SG	78228	07-APR-2010	03:01:37.769	03:15:05.081	807.31200
CM	78228	07-APR-2010	03:57:48.329	04:10:11.652	743.32300
BE	78229	07-APR-2010	04:30:39.496	04:41:02.456	622.96000
MM	78229	07-APR-2010	05:11:05.070	05:16:52.013	346.94300
SG	78229	07-APR-2010	04:42:31.562	04:52:19.318	587.75600
MM	78230	07-APR-2010	06:52:44.020	06:59:37.080	413.06000
KS	78230	07-APR-2010	06:06:28.813	06:12:13.968	345.15500
CM	78230	07-APR-2010	05:42:08.653	05:44:49.523	160.87000
JO	78230	07-APR-2010	06:34:33.507	06:43:24.013	530.50600
MM	78231	07-APR-2010	08:33:24.819	08:42:38.422	553.60300
MA	78231	07-APR-2010	07:55:59.130	08:01:45.735	346.60500
JO	78231	07-APR-2010	08:10:00.071	08:25:00.926	900.85500
MM	78232	07-APR-2010	10:13:41.431	10:24:53.618	672.18700
JO	78232	07-APR-2010	09:52:27.584	10:01:56.748	569.16400
HO	78233	07-APR-2010	12:03:02.250	12:16:30.724	808.47400
MM	78233	07-APR-2010	11:53:43.828	12:06:04.395	740.56700
HO	78234	07-APR-2010	13:42:05.675	13:56:32.609	866.93400
MM	78234	07-APR-2010	13:33:32.457	13:46:15.789	763.33200
SG	78234	07-APR-2010	14:00:35.361	14:07:31.787	416.42600
BE	78235	07-APR-2010	14:06:58.851	14:20:23.829	804.97800
HO	78235	07-APR-2010	15:23:29.993	15:30:49.088	439.09500
MM	78235	07-APR-2010	15:13:05.487	15:25:44.819	759.33200
MI	78235	07-APR-2010	14:41:30.802	14:50:38.760	547.95800

GS	78235	07-APR-2010	14:34:26.850	14:45:24.784	657.93400
SG	78235	07-APR-2010	15:36:10.103	15:49:59.332	829.22900
BE	78236	07-APR-2010	15:49:31.145	15:57:56.862	505.71700
MM	78236	07-APR-2010	16:52:22.544	17:04:54.423	751.87900
GS	78236	07-APR-2010	16:13:07.081	16:26:58.434	831.35300
MM	78237	07-APR-2010	18:31:30.639	18:44:05.744	755.10500
GS	78237	07-APR-2010	17:53:35.724	18:03:24.138	588.41400
CM	78237	07-APR-2010	18:04:52.835	18:08:28.100	215.26500
MM	78238	07-APR-2010	20:10:47.283	20:23:30.701	763.41800
MA	78238	07-APR-2010	19:13:16.670	19:21:17.611	480.94100
JO	78238	07-APR-2010	20:30:06.070	20:45:01.157	895.08700
HO	78239	07-APR-2010	21:46:15.819	21:54:40.215	504.39600
MA	78239	07-APR-2010	20:48:34.175	21:02:17.067	822.89200
JO	78239	07-APR-2010	22:10:39.807	22:22:04.566	684.75900
HO	78240	07-APR-2010	23:21:18.968	23:35:29.598	850.63000
MM	78240	07-APR-2010	23:31:17.288	23:43:08.218	710.93000
MA	78240	07-APR-2010	22:32:49.836	22:39:50.150	420.31400

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

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2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

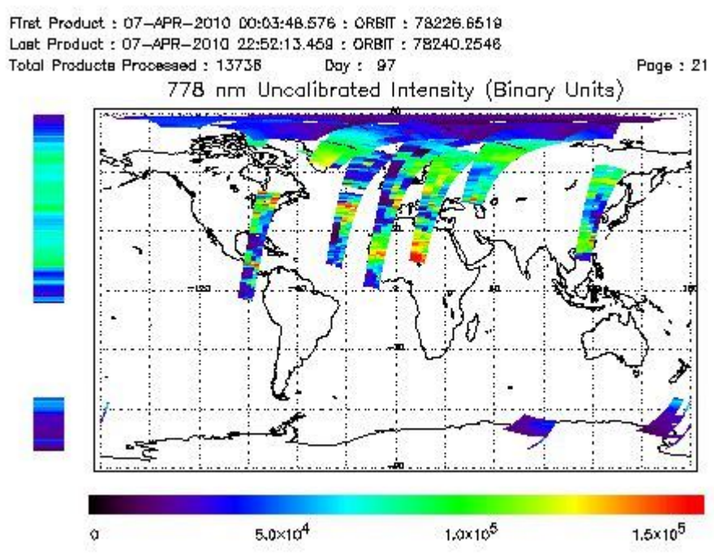
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

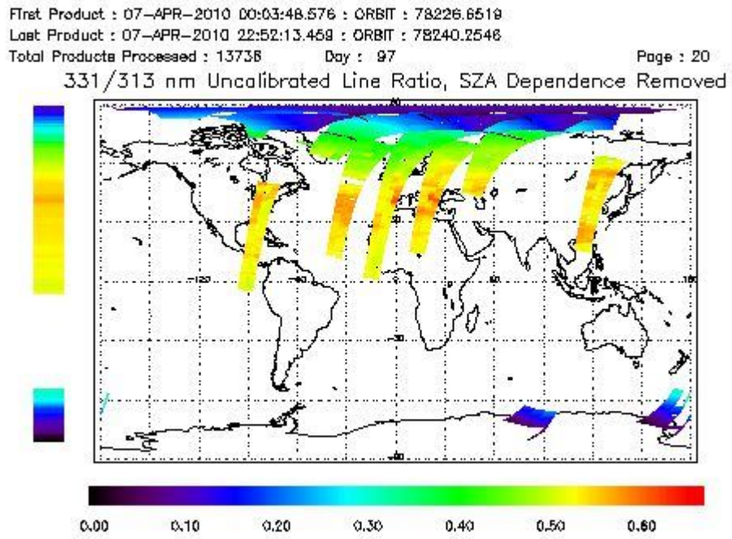
2.2 - Daily Plots

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

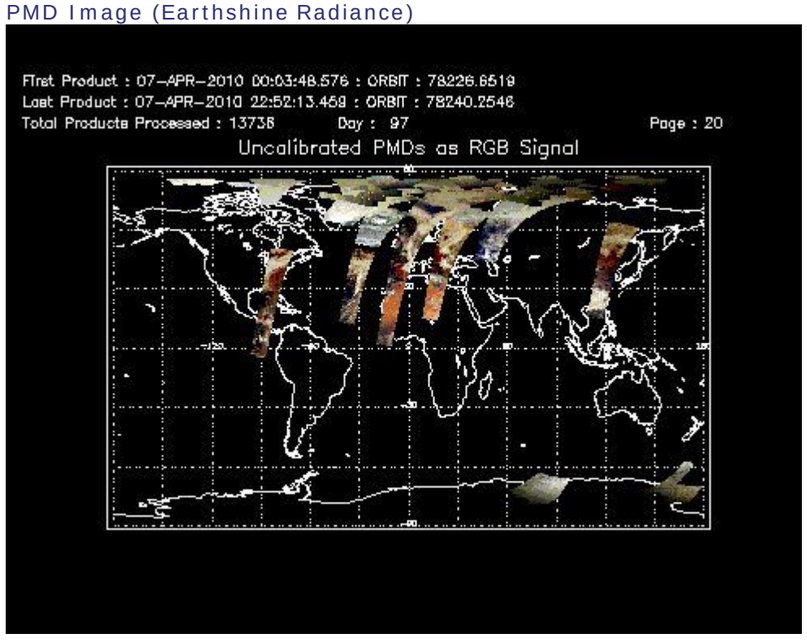
NEAR IR Intensity



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)
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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)
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(1)

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4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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4.2 - Instrument Off

Start Time	End Time	Start Orbit	End Orbit	MPS Resumption	Ground Station Visibility
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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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5 - Instrument Operations

Additional Info

5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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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
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