GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	06-JUN-2010
Start Time of First Product	00:18:16
Stop Time of Last Product	23:06:16
Number of EGOI Products analysed	38
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100606BEEP2948.E2	06-JUN-2010	03:06:05.347
EGOI_100606BEEP2954.E2	06-JUN-2010	04:47:16.464
EGOI_100606GSEP7858.E2	06-JUN-2010	01:03:15.101
EGOI_100606GSEP7890.E2	06-JUN-2010	02:39:35.187
EGOI_100606GSEP7918.E2	06-JUN-2010	04:20:50.808
EGOI_100606GSEP7926.E2	06-JUN-2010	06:03:10.934
EGOI_100606KSEP1505.E2	06-JUN-2010	06:21:14.038
EGOI_100606KSEP1524.E2	06-JUN-2010	08:01:05.657
EGOI_100606KSEP1543.E2	06-JUN-2010	09:40:43.763

EGOI_100606KSEP1573.E2	06-JUN-2010	11:20:18.874
EGOI_100606KSEP1602.E2	06-JUN-2010	12:59:31.477
EGOI_100606KSEP1613.E2	06-JUN-2010	14:38:20.080
EGOI_100606KSEP1635.E2	06-JUN-2010	16:15:59.678
EGOI_100606KSEP1664.E2	06-JUN-2010	17:54:04.777
EGOI_100606KSEP1696.E2	06-JUN-2010	19:32:02.376
EGOI_100606KSEP1727.E2	06-JUN-2010	21:12:19.489
EGOI_100606KSEP1753.E2	06-JUN-2010	22:54:54.616
EGOI_100606MAEP2976.E2	06-JUN-2010	08:09:50.708
EGOI_100606MAEP2992.E2	06-JUN-2010	09:48:10.810
EGOI_100606MIEP4695.E2	06-JUN-2010	02:36:08.167
EGOI_100606MIEP4724.E2	06-JUN-2010	04:15:05.769
EGOI_100606MIEP4750.E2	06-JUN-2010	14:56:23.193
EGOI_100606MIEP4780.E2	06-JUN-2010	16:34:52.295
EGOI_100606MMEP9477.E2	06-JUN-2010	00:18:16.328
EGOI_100606MMEP9483.E2	06-JUN-2010	02:00:18.449
EGOI_100606MMEP9492.E2	06-JUN-2010	08:48:11.938
EGOI_100606MMEP9499.E2	06-JUN-2010	10:28:38.054
EGOI_100606MMEP9508.E2	06-JUN-2010	12:08:52.171
EGOI_100606MMEP9516.E2	06-JUN-2010	13:48:24.277
EGOI_100606MSEP7916.E2	06-JUN-2010	00:56:36.062
EGOI_100606MSEP7931.E2	06-JUN-2010	09:56:51.363
EGOI_100606MSEP7956.E2	06-JUN-2010	11:33:24.952
EGOI_100606MSEP7980.E2	06-JUN-2010	13:14:12.067
EGOI_100606MSEP8013.E2	06-JUN-2010	22:42:21.538
EGOI_100606SGEP6083.E2	06-JUN-2010	03:22:45.949
EGOI_100606SGEP6091.E2	06-JUN-2010	04:58:55.535
EGOI_100606SGEP6096.E2	06-JUN-2010	14:14:39.435
EGOI_100606SGEP6103.E2	06-JUN-2010	15:52:08.529

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79090	06-JUN-2010	07:59:32.735	08:01:05.656	92.921000
KS	79091	06-JUN-2010	09:39:09.320	09:40:43.762	94.442000
KS	79092	06-JUN-2010	11:18:42.947	11:20:18.873	95.926000
KS	79093	06-JUN-2010	12:57:55.975	12:59:31.476	95.501000
KS	79094	06-JUN-2010	14:36:40.225	14:38:20.079	99.854000
KS	79095	06-JUN-2010	16:14:20.590	16:15:59.677	99.087000
KS	79096	06-JUN-2010	17:52:14.117	17:54:04.776	110.65900
KS	79097	06-JUN-2010	19:30:50.873	19:32:02.375	71.502000
KS	79098	06-JUN-2010	21:11:13.426	21:12:19.488	66.062000

GS	79086	06-JUN-2010	01:02:03.327	01:03:15.101	71.774000
GS	79087	06-JUN-2010	02:38:34.128	02:39:35.187	61.059000
GS	79088	06-JUN-2010	04:19:45.928	04:20:50.808	64.880000
MS	79092	06-JUN-2010	11:31:39.588	11:33:24.951	105.36300
MS	79093	06-JUN-2010	13:12:35.923	13:14:12.067	96.144000
MS	79099	06-JUN-2010	22:41:05.869	22:42:21.538	75.669000
MI	79087	06-JUN-2010	02:34:44.139	02:36:08.166	84.027000
MI	79088	06-JUN-2010	04:13:37.846	04:15:05.768	87.922000
MI	79094	06-JUN-2010	14:54:58.635	14:56:23.193	84.558000
MI	79095	06-JUN-2010	16:33:21.959	16:34:52.295	90.336000
BE	79087	06-JUN-2010	03:04:32.963	03:06:05.346	92.383000
BE	79088	06-JUN-2010	04:45:15.029	04:47:16.464	121.43500
SG	79087	06-JUN-2010	03:15:37.140	03:22:45.949	428.80900
SG	79088	06-JUN-2010	04:57:53.716	04:58:55.534	61.818000
SG	79093	06-JUN-2010	14:13:23.182	14:14:39.435	76.253000
SG	79094	06-JUN-2010	15:50:29.282	15:52:08.529	99.247000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	79085	06-JUN-2010	00:06:25.022	00:21:00.592	875.57000
HO	79086	06-JUN-2010	01:48:58.530	01:58:53.225	594.69500
MM	79087	06-JUN-2010	03:42:55.686	03:49:50.689	415.00300
CM	79087	06-JUN-2010	02:37:11.045	02:41:41.275	270.23000
CM	79087	06-JUN-2010	04:11:58.377	04:24:21.799	743.42200
MM	79088	06-JUN-2010	05:25:41.636	05:31:28.376	346.74000
MM	79089	06-JUN-2010	07:07:09.427	07:14:21.174	431.74700
JO	79089	06-JUN-2010	06:47:35.882	06:58:19.702	643.82000
JO	79090	06-JUN-2010	08:24:11.518	08:39:11.027	899.50900
JO	79091	06-JUN-2010	10:08:17.578	10:14:45.647	388.06900
MA	79092	06-JUN-2010	11:28:24.913	11:36:24.449	479.53600
HO	79093	06-JUN-2010	13:56:25.430	14:10:23.665	838.23500
SG	79093	06-JUN-2010	14:13:23.182	14:22:58.094	574.91200
BE	79094	06-JUN-2010	14:21:13.263	14:34:34.143	800.88000
MM	79094	06-JUN-2010	15:27:17.418	15:39:55.398	757.98000
GS	79094	06-JUN-2010	14:48:22.352	15:00:39.884	737.53200

CM	79094	06-JUN-2010	15:00:41.799	15:04:38.459	236.66000
BE	79095	06-JUN-2010	16:05:11.997	16:11:05.738	353.74100
MM	79095	06-JUN-2010	17:06:32.528	17:19:04.114	751.58600
GS	79095	06-JUN-2010	16:27:22.181	16:41:01.778	819.59700
CM	79095	06-JUN-2010	16:35:57.338	16:48:19.046	741.70800
MM	79096	06-JUN-2010	18:45:40.533	18:58:16.894	756.36100
GS	79096	06-JUN-2010	18:08:09.438	18:16:43.416	513.97800
JO	79096	06-JUN-2010	19:07:49.976	19:16:08.744	498.76800
MM	79097	06-JUN-2010	20:25:00.304	20:37:44.202	763.89800
MA	79097	06-JUN-2010	19:27:03.329	19:36:24.602	561.27300
JO	79097	06-JUN-2010	20:44:14.169	20:59:15.808	901.63900
MM	79098	06-JUN-2010	22:04:55.456	22:17:27.858	752.40200
MA	79098	06-JUN-2010	21:03:00.740	21:16:26.904	806.16400
JO	79098	06-JUN-2010	22:25:28.735	22:35:15.632	586.89700
HO	79099	06-JUN-2010	23:35:21.111	23:49:44.161	863.05000
MM	79099	06-JUN-2010	23:45:45.442	23:57:25.891	700.44900

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1.5 - List of corrupted products

Station	Orbit	Time

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2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

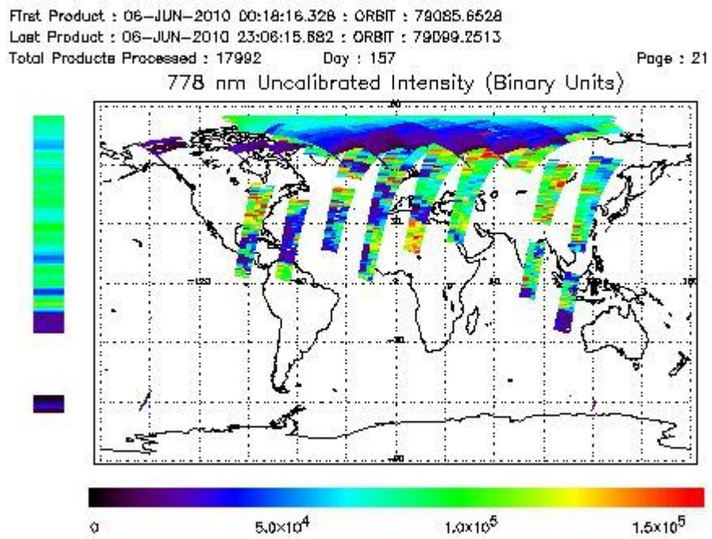
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	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

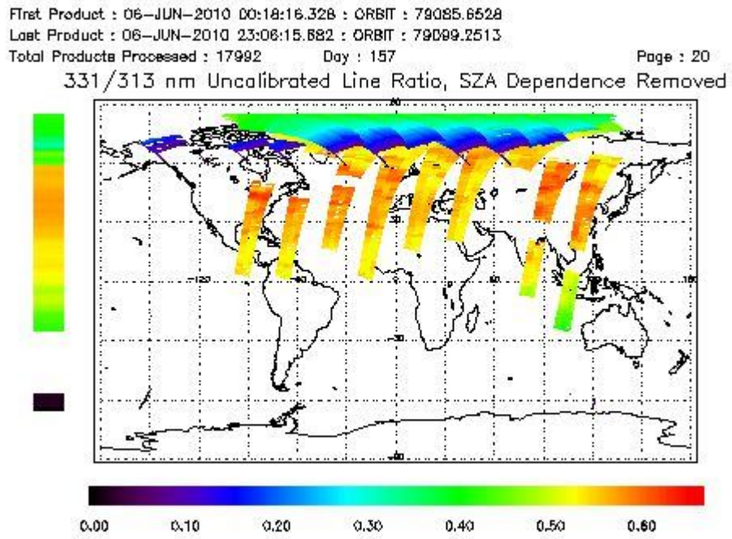
2.2 - Daily Plots

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

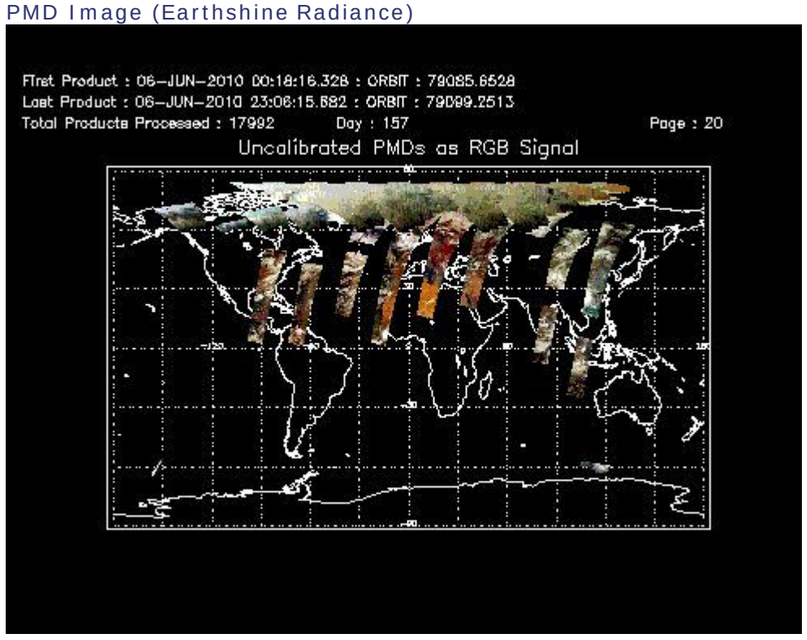
NEAR IR Intensity



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	19:35:56.395	--	79097	Yes	--	14290

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
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5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	End Orbit
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5.6 - **Seasonal Operations**

Start Time	End Time	Start Orbit	End Orbit
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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