GOME Daily Report

SUMMARY

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Time of Report Generation	16-JUN-2009
Start Time of First Product	00:12:15
Stop Time of Last Product	23:53:30
Number of EGOI Products analysed	34
Number of corrupted products	1
Anomalies and/or Special Operations	--

1.2 - List of received products

Name	Date	Time
EGOI_090616GSEP2391.E2	16-JUN-2009	01:58:26.068
EGOI_090616GSEP2422.E2	16-JUN-2009	03:37:31.182
EGOI_090616GSEP2431.E2	16-JUN-2009	05:20:22.811
EGOI_090616HLEP1276.E2	16-JUN-2009	22:56:00.778
EGOI_090616KSEP8201.E2	16-JUN-2009	07:18:50.539
EGOI_090616KSEP8224.E2	16-JUN-2009	08:58:49.654
EGOI_090616KSEP8250.E2	16-JUN-2009	10:38:30.768
EGOI_090616KSEP8283.E2	16-JUN-2009	12:17:53.874
EGOI_090616KSEP8303.E2	16-JUN-2009	13:56:51.484

EGOI_090616KSEP8331.E2	16-JUN-2009	15:35:07.083
EGOI_090616KSEP8353.E2	16-JUN-2009	17:12:40.677
EGOI_090616KSEP8387.E2	16-JUN-2009	18:50:39.777
EGOI_090616KSEP8416.E2	16-JUN-2009	20:29:56.883
EGOI_090616KSEP8447.E2	16-JUN-2009	22:11:32.004
EGOI_090616MAEP0725.E2	16-JUN-2009	09:06:48.200
EGOI_090616MAEP0734.E2	16-JUN-2009	10:46:02.315
EGOI_090616MAEP0744.E2	16-JUN-2009	20:23:35.844
EGOI_090616MIEP1177.E2	16-JUN-2009	01:56:18.553
EGOI_090616MIEP1203.E2	16-JUN-2009	03:34:16.162
EGOI_090616MIEP1226.E2	16-JUN-2009	05:15:25.779
EGOI_090616MIEP1242.E2	16-JUN-2009	14:16:44.106
EGOI_090616MIEP1252.E2	16-JUN-2009	15:52:35.688
EGOI_090616MIEP1274.E2	16-JUN-2009	17:34:22.814
EGOI_090616MMEP5177.E2	16-JUN-2009	16:25:46.396
EGOI_090616MMEP5182.E2	16-JUN-2009	18:05:57.505
EGOI_090616MSEP6981.E2	16-JUN-2009	00:12:14.912
EGOI_090616MSEP7002.E2	16-JUN-2009	10:52:06.849
EGOI_090616MSEP7030.E2	16-JUN-2009	12:31:17.954
EGOI_090616MSEP7060.E2	16-JUN-2009	22:01:37.946
EGOI_090616MSEP7085.E2	16-JUN-2009	23:40:02.544
EGOI_090616SGEP7586.E2	16-JUN-2009	02:36:32.299
EGOI_090616SGEP7591.E2	16-JUN-2009	04:14:49.404
EGOI_090616SGEP7598.E2	16-JUN-2009	15:15:35.462
EGOI_090616SGEP7605.E2	16-JUN-2009	16:52:15.052

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	74008	16-JUN-2009	07:16:56.442	07:18:50.539	114.09700
KS	74009	16-JUN-2009	08:56:27.189	08:58:49.654	142.46500
KS	74010	16-JUN-2009	10:36:04.296	10:38:30.768	146.47200
KS	74011	16-JUN-2009	12:15:28.422	12:17:53.874	145.45200
KS	74012	16-JUN-2009	13:54:22.758	13:56:51.483	148.72500
KS	74013	16-JUN-2009	15:32:27.908	15:35:07.083	159.17500
KS	74014	16-JUN-2009	17:10:11.821	17:12:40.677	148.85600
KS	74015	16-JUN-2009	18:48:22.591	18:50:39.776	137.18500
KS	74016	16-JUN-2009	20:27:57.731	20:29:56.882	119.15100
KS	74017	16-JUN-2009	22:09:34.437	22:11:32.004	117.56700
KS	74018	16-JUN-2009	23:54:12.978	23:55:40.137	87.159000
GS	74005	16-JUN-2009	01:56:38.005	01:58:26.067	108.06200

GS	74006	16-JUN-2009	03:35:44.442	03:37:31.181	106.73900
MS	74004	16-JUN-2009	00:10:01.879	00:12:14.911	133.03200
MS	74010	16-JUN-2009	10:49:36.087	10:52:06.848	150.76100
MS	74011	16-JUN-2009	12:28:44.392	12:31:17.953	153.56100
MS	74017	16-JUN-2009	21:59:54.645	22:01:37.945	103.30000
MS	74018	16-JUN-2009	23:37:51.889	23:40:02.544	130.65500
MA	74009	16-JUN-2009	09:05:33.912	09:06:48.199	74.287000
MA	74010	16-JUN-2009	10:44:09.311	10:46:02.315	113.00400
MA	74016	16-JUN-2009	20:20:22.742	20:23:35.844	193.10200
MI	74005	16-JUN-2009	01:54:59.947	01:56:18.552	78.605000
MI	74006	16-JUN-2009	03:30:25.777	03:34:16.161	230.38400
MI	74013	16-JUN-2009	15:50:36.072	15:52:35.687	119.61500
MI	74014	16-JUN-2009	17:31:58.107	17:34:22.813	144.70600
MM	74013	16-JUN-2009	16:24:01.952	16:25:46.396	104.44400
MM	74014	16-JUN-2009	18:03:11.263	18:05:57.504	166.24100
SG	74005	16-JUN-2009	02:34:07.147	02:36:32.299	145.15200
SG	74005	16-JUN-2009	02:39:56.322	02:45:57.965	361.64300
SG	74006	16-JUN-2009	04:12:53.022	04:14:49.403	116.38100
SG	74006	16-JUN-2009	04:17:11.918	04:25:24.805	492.88700
SG	74013	16-JUN-2009	16:49:34.406	16:52:15.052	160.64600

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	74004	16-JUN-2009	01:04:05.913	01:17:23.606	797.69300
MM	74004	16-JUN-2009	01:15:57.998	01:26:09.718	611.72000
BE	74005	16-JUN-2009	02:22:10.148	02:34:58.119	767.97100
MM	74005	16-JUN-2009	02:58:43.654	03:06:37.637	473.98300
CM	74005	16-JUN-2009	03:29:55.330	03:41:30.922	695.59200
BE	74006	16-JUN-2009	04:01:44.169	04:13:48.622	724.45300
MM	74006	16-JUN-2009	04:41:46.739	04:47:44.890	358.15100
CM	74006	16-JUN-2009	05:10:20.858	05:19:38.423	557.56500
MM	74007	16-JUN-2009	06:23:49.563	06:30:09.999	380.43600
MM	74008	16-JUN-2009	08:04:42.248	08:13:15.329	513.08100
JO	74008	16-JUN-2009	07:41:58.240	07:56:28.008	869.76800
MM	74009	16-JUN-2009	09:45:04.007	09:55:47.064	643.05700

JO	74009	16-JUN-2009	09:22:15.033	09:34:58.979	763.94600
HO	74010	16-JUN-2009	11:35:04.121	11:47:07.810	723.68900
MM	74010	16-JUN-2009	11:25:10.208	11:37:16.450	726.24200
HO	74011	16-JUN-2009	13:13:35.144	13:28:24.494	889.35000
MM	74011	16-JUN-2009	13:05:02.918	13:17:43.471	760.55300
HO	74012	16-JUN-2009	14:54:14.775	15:03:43.306	568.53100
MM	74012	16-JUN-2009	14:44:40.602	14:57:22.411	761.80900
GS	74012	16-JUN-2009	14:06:59.370	14:15:41.859	522.48900
BE	74013	16-JUN-2009	15:19:22.550	15:30:37.710	675.16000
GS	74013	16-JUN-2009	15:44:42.443	15:58:35.862	833.41900
CM	74013	16-JUN-2009	15:53:44.694	16:05:26.343	701.64900
GS	74014	16-JUN-2009	17:24:41.278	17:36:21.226	699.94800
CM	74014	16-JUN-2009	17:33:59.120	17:43:12.459	553.33900
MM	74015	16-JUN-2009	19:42:23.147	19:55:04.734	761.58700
MA	74015	16-JUN-2009	18:47:33.289	18:51:43.395	250.10600
JO	74015	16-JUN-2009	20:02:04.650	20:16:09.472	844.82200
MM	74016	16-JUN-2009	21:22:00.358	21:34:41.536	761.17800
JO	74016	16-JUN-2009	21:41:29.918	21:55:02.787	812.86900
MM	74017	16-JUN-2009	23:02:24.952	23:14:33.665	728.71300
MA	74017	16-JUN-2009	22:01:51.331	22:12:40.135	648.80400

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time
SG	74013	15:24:17.5

---

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

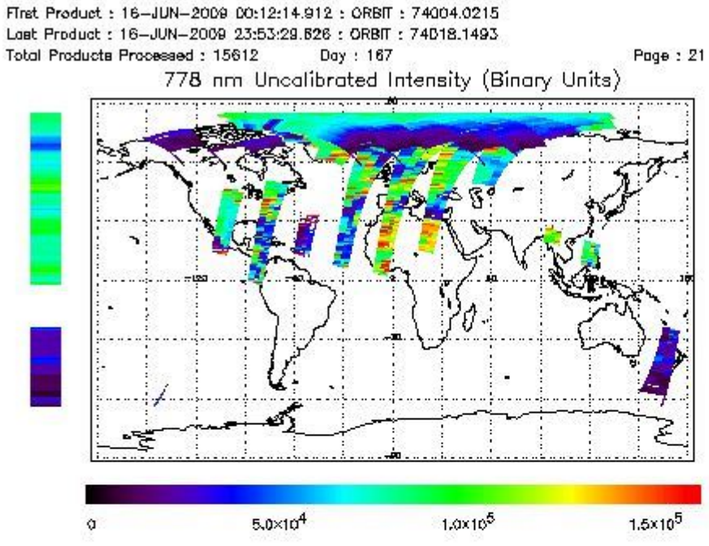
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK

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

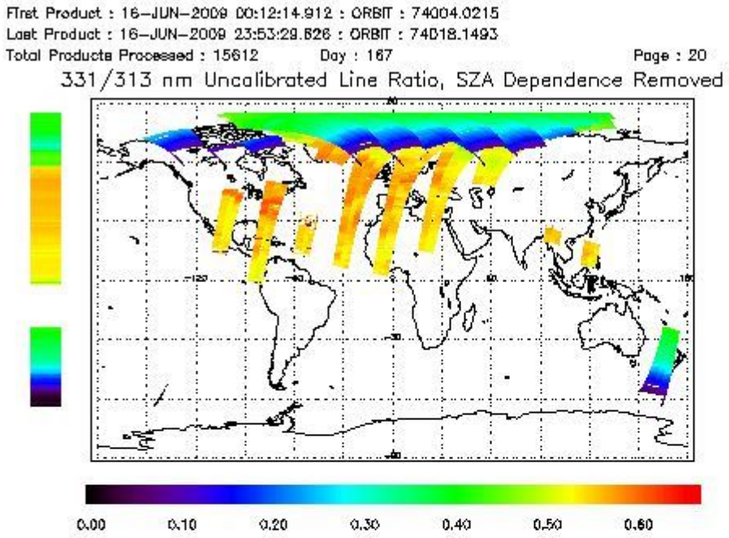
2.2 - Daily Plots

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

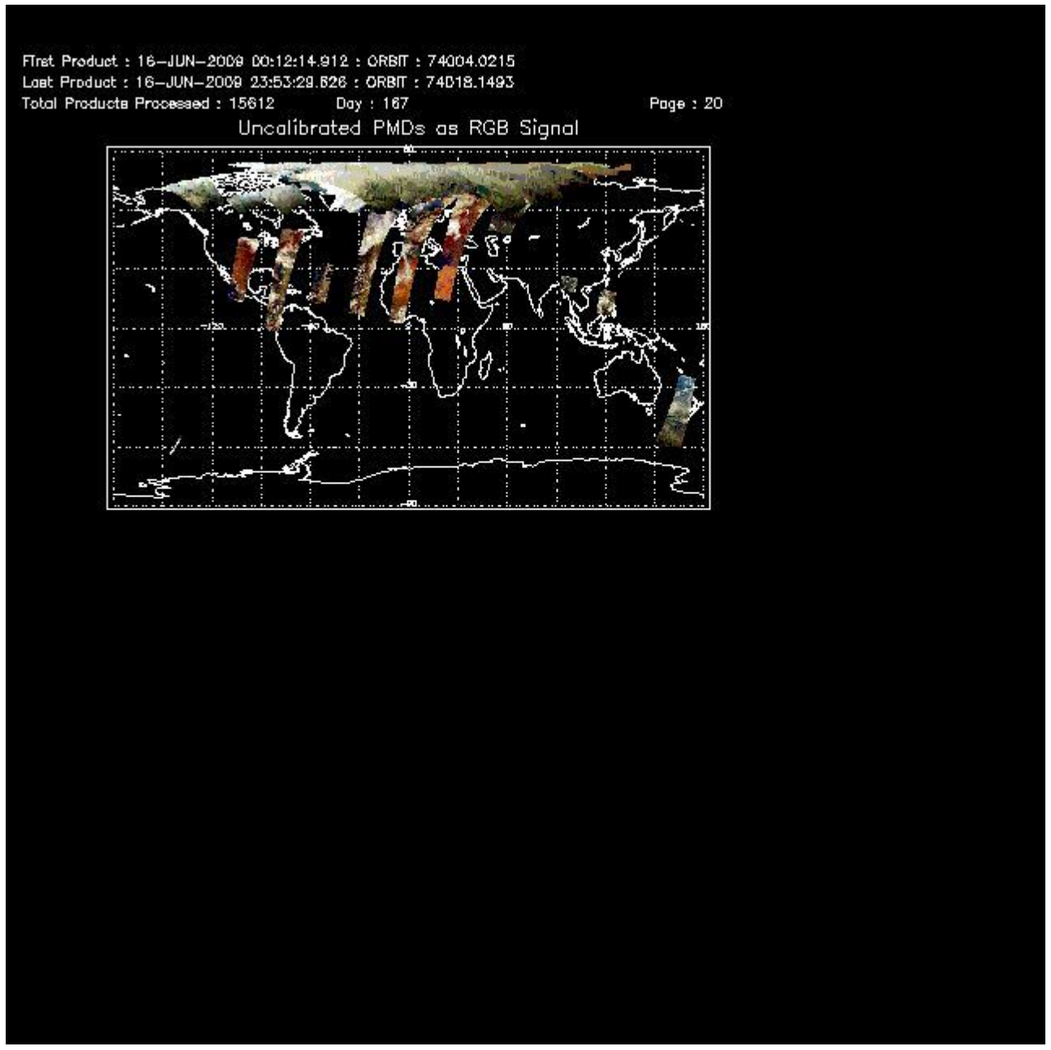
NEAR IR Intensity



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 (Y/NS/NE)	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	18:53:21.790	--	74015	Y	--	14410

3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(D)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility (Y/NS/NE)	Warm Detector Temperature (TST/44)	Lamp Instability Voltage (if any)(V)	Lamp Failure N. (if any)
--	--	--	--	--	--	--	--

[BACK TO MENU]

4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

4.2 - Instrument Off

Start Time	End Time	Start Orbit	Orbit End	MPS Resumption	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--	--

4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)	Max Temp. Ch 1	Max Temp. Ch 2	Max Temp. Ch 3	Max Temp. Ch 4
--	--	--	--	--	--	--	--	--

[BACK TO MENU]

5 - Instrument Operations

5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility (Y/NS/NE)
--	--	--

5.3 - Power Cycle

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	Orbit End
--	--	--	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	Orbit End
--	--	--	--

[BACK TO MENU]