GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Time of Report Generation	27-JUN-2009
Start Time of First Product	00:20:05
Stop Time of Last Product	23:18:28
Number of EGOI Products analysed	34
Number of corrupted products	1
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_090627GSEP3215.E2	27-JUN-2009	01:14:50.208
EGOI_090627GSEP3246.E2	27-JUN-2009	02:51:44.797
EGOI_090627GSEP3273.E2	27-JUN-2009	04:33:33.415
EGOI_090627GSEP3279.E2	27-JUN-2009	06:15:43.032
EGOI_090627HLEP1627.E2	27-JUN-2009	00:20:04.872
EGOI_090627HLEP1636.E2	27-JUN-2009	02:03:56.504
EGOI_090627HLEP1644.E2	27-JUN-2009	10:54:23.723
EGOI_090627HLEP1650.E2	27-JUN-2009	12:30:57.315
EGOI_090627HLEP1659.E2	27-JUN-2009	14:10:35.416

EGOI_090627HLEP1667.E2	27-JUN-2009	22:12:29.346
EGOI_090627KSEP0858.E2	27-JUN-2009	06:33:26.637
EGOI_090627KSEP0884.E2	27-JUN-2009	08:13:21.245
EGOI_090627KSEP0903.E2	27-JUN-2009	09:52:57.848
EGOI_090627KSEP0928.E2	27-JUN-2009	11:32:34.457
EGOI_090627KSEP0949.E2	27-JUN-2009	13:11:39.557
EGOI_090627KSEP0961.E2	27-JUN-2009	14:50:25.154
EGOI_090627KSEP0987.E2	27-JUN-2009	16:28:06.249
EGOI_090627KSEP1013.E2	27-JUN-2009	18:05:59.344
EGOI_090627KSEP1048.E2	27-JUN-2009	19:44:23.942
EGOI_090627KSEP1073.E2	27-JUN-2009	21:24:53.052
EGOI_090627KSEP1101.E2	27-JUN-2009	23:07:44.678
EGOI_090627MAEP1105.E2	27-JUN-2009	10:00:23.395
EGOI_090627MAEP1120.E2	27-JUN-2009	21:17:11.009
EGOI_090627MIEP2348.E2	27-JUN-2009	02:47:34.274
EGOI_090627MIEP2376.E2	27-JUN-2009	04:27:16.876
EGOI_090627MIEP2404.E2	27-JUN-2009	15:08:41.771
EGOI_090627MIEP2434.E2	27-JUN-2009	16:47:00.362
EGOI_090627MSEP8276.E2	27-JUN-2009	10:08:21.942
EGOI_090627MSEP8299.E2	27-JUN-2009	11:45:34.536
EGOI_090627MSEP8322.E2	27-JUN-2009	13:26:59.150
EGOI_090627MSEP8335.E2	27-JUN-2009	21:19:41.025
EGOI_090627MSEP8367.E2	27-JUN-2009	22:54:17.600
EGOI_090627SGEP7889.E2	27-JUN-2009	05:12:14.149
EGOI_090627SGEP7895.E2	27-JUN-2009	14:26:14.510

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	74165	27-JUN-2009	06:31:41.551	06:33:26.636	105.08500
KS	74166	27-JUN-2009	08:10:55.268	08:13:21.245	145.97700
KS	74167	27-JUN-2009	09:50:32.503	09:52:57.847	145.34400
KS	74168	27-JUN-2009	11:30:04.683	11:32:34.456	149.77300
KS	74169	27-JUN-2009	13:09:14.132	13:11:39.557	145.42500
KS	74170	27-JUN-2009	14:47:54.577	14:50:25.153	150.57600
KS	74171	27-JUN-2009	16:25:34.472	16:28:06.249	151.77700
KS	74172	27-JUN-2009	18:03:21.502	18:05:59.343	157.84100
KS	74173	27-JUN-2009	19:42:13.407	19:44:23.942	130.53500
KS	74174	27-JUN-2009	21:22:49.746	21:24:53.051	123.30500
KS	74175	27-JUN-2009	23:05:52.106	23:07:44.677	112.57100
GS	74162	27-JUN-2009	01:12:49.775	01:14:50.208	120.43300

GS	74163	27-JUN-2009	02:49:53.101	02:51:44.796	111.69500
GS	74164	27-JUN-2009	04:31:44.538	04:33:33.414	108.87600
MS	74167	27-JUN-2009	10:06:04.971	10:08:21.942	136.97100
MS	74168	27-JUN-2009	11:43:00.114	11:45:34.535	154.42100
MS	74169	27-JUN-2009	13:24:37.356	13:26:59.149	141.79300
MS	74175	27-JUN-2009	22:52:17.540	22:54:17.600	120.06000
MA	74167	27-JUN-2009	09:58:34.948	10:00:23.394	108.44600
MA	74174	27-JUN-2009	21:14:32.645	21:17:11.008	158.36300
MI	74163	27-JUN-2009	02:45:41.313	02:47:34.273	112.96000
MI	74164	27-JUN-2009	04:25:23.749	04:27:16.876	113.12700
MI	74170	27-JUN-2009	15:05:55.411	15:08:41.770	166.35900
MI	74171	27-JUN-2009	16:44:54.304	16:47:00.362	126.05800
SG	74169	27-JUN-2009	14:23:59.301	14:26:14.510	135.20900

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	74161	27-JUN-2009	00:29:18.004	00:40:20.540	662.53600
MM	74162	27-JUN-2009	02:11:39.297	02:20:39.063	539.76600
BE	74163	27-JUN-2009	03:15:55.647	03:29:16.027	800.38000
MM	74163	27-JUN-2009	03:54:42.806	04:01:23.728	400.92200
SG	74163	27-JUN-2009	03:26:54.319	03:40:47.489	833.17000
CM	74163	27-JUN-2009	02:47:04.415	02:54:14.444	430.02900
CM	74163	27-JUN-2009	04:23:24.815	04:35:36.945	732.13000
BE	74164	27-JUN-2009	04:57:01.577	05:04:59.167	477.59000
MM	74164	27-JUN-2009	05:37:21.539	05:43:10.767	349.22800
MM	74165	27-JUN-2009	07:18:41.020	07:26:08.466	447.44600
JO	74165	27-JUN-2009	06:58:14.378	07:10:06.651	712.27300
MM	74166	27-JUN-2009	08:59:13.569	09:09:01.772	588.20300
MA	74166	27-JUN-2009	08:20:07.085	08:31:15.592	668.50700
JO	74166	27-JUN-2009	08:35:37.771	08:50:27.893	890.12200
MM	74167	27-JUN-2009	10:39:26.161	10:51:00.908	694.74700
MM	74168	27-JUN-2009	12:19:25.141	12:31:55.337	750.19600
MA	74168	27-JUN-2009	11:40:00.577	11:46:53.140	412.56300
MM	74169	27-JUN-2009	13:59:09.944	14:11:53.868	763.92400
BE	74170	27-JUN-2009	14:32:41.448	14:45:52.163	790.71500

MM	74170	27-JUN-2009	15:38:38.724	15:51:15.623	756.89900
GS	74170	27-JUN-2009	14:59:34.223	15:12:23.780	769.55700
SG	74170	27-JUN-2009	16:02:02.614	16:15:05.606	782.99200
CM	74170	27-JUN-2009	15:10:31.854	15:17:36.436	424.58200
MM	74171	27-JUN-2009	17:17:52.392	17:30:23.934	751.54200
GS	74171	27-JUN-2009	16:38:47.540	16:52:12.672	805.13200
CM	74171	27-JUN-2009	16:47:23.222	16:59:31.458	728.23600
MM	74172	27-JUN-2009	18:57:00.607	19:09:38.036	757.42900
GS	74172	27-JUN-2009	18:19:53.671	18:27:14.798	441.12700
JO	74172	27-JUN-2009	19:18:19.645	19:28:33.283	613.63800
MM	74173	27-JUN-2009	20:36:23.245	20:49:07.248	764.00300
MA	74173	27-JUN-2009	19:36:04.544	19:48:01.385	716.84100
JO	74173	27-JUN-2009	20:55:35.770	21:10:34.489	898.71900
MM	74174	27-JUN-2009	22:16:23.815	22:28:52.655	748.84000
JO	74174	27-JUN-2009	22:37:32.161	22:45:33.095	480.93400
HO	74175	27-JUN-2009	23:46:41.146	00:01:06.907	865.76100

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1.5 - List of corrupted products

Station	Orbit	Time
GS	74165	06:23:25.0

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2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

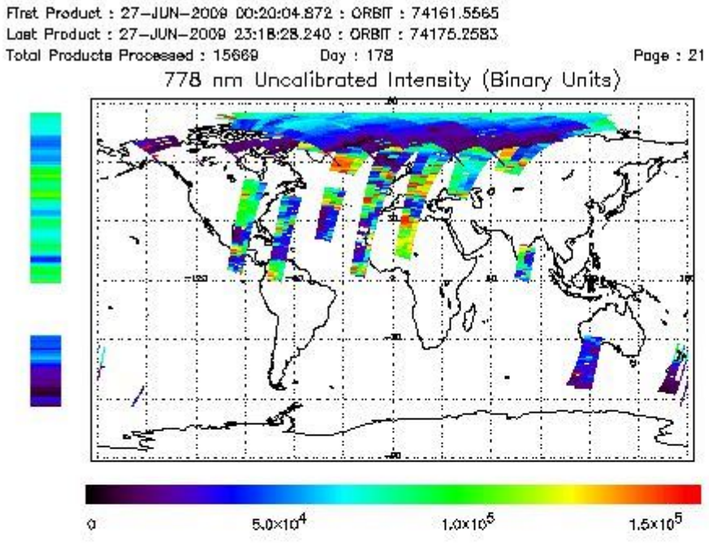
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

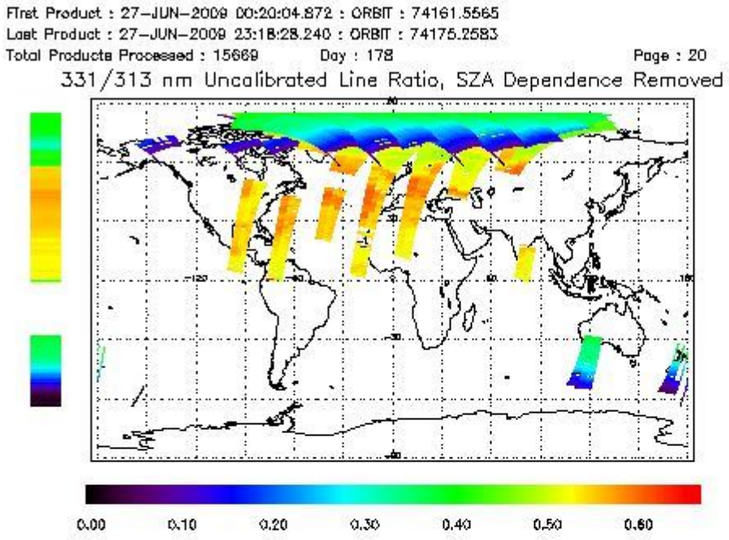
2.2 - Daily Plots

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

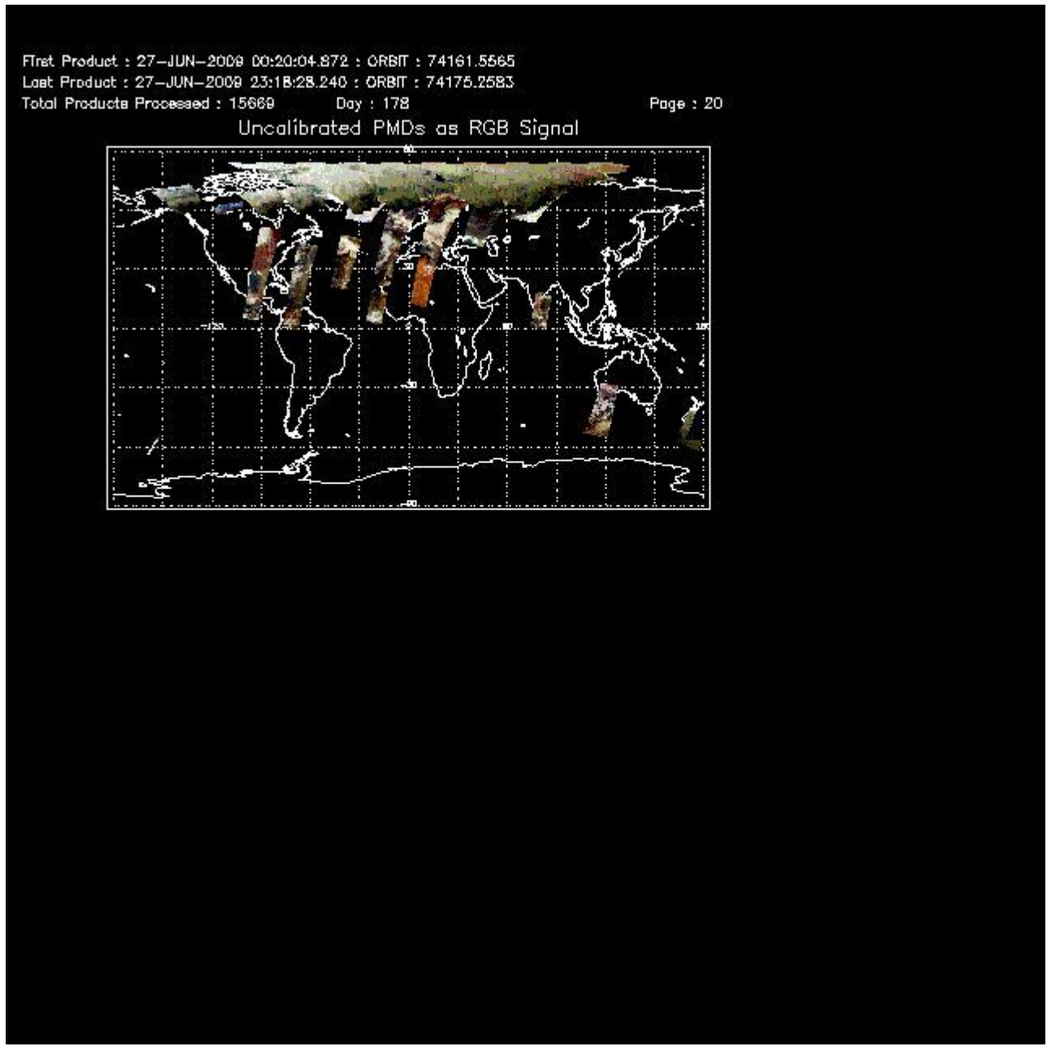
NEAR IR Intensity



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 (Y/NS/NE)	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	19:47:59.960	--	74173	Y	--	14575

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)
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4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

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

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

5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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5.2 - TST44

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

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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5.5 - Narrow Swath Timeline

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

Start Time	End Time	Start Orbit	Orbit End
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