GOME Daily Report

SUMMARY

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Time of Report Generation	09-JUN-2009
Start Time of First Product	00:32:52
Stop Time of Last Product	23:56:02
Total Number of EGOI Products	41
Number of corrupted products	--
Anomalies and/or Special Operations	--

1.2 - Products used in this report

Name	Date	Time
EGOI_090609BEEP0087.E2	09-JUN-2009	04:24:27.952
EGOI_090609HLEP1175.E2	08-JUN-2009	23:46:18.765
EGOI_090609HLEP1183.E2	09-JUN-2009	01:26:56.874
EGOI_090609HLEP1189.E2	09-JUN-2009	11:57:12.705
EGOI_090609HLEP1197.E2	09-JUN-2009	13:36:16.308
EGOI_090609HLEP1207.E2	09-JUN-2009	15:17:04.922
EGOI_090609HLEP1215.E2	09-JUN-2009	21:40:50.753
EGOI_090609HLEP1223.E2	09-JUN-2009	23:15:16.828
EGOI_090609KSEP6274.E2	09-JUN-2009	07:38:47.133

EGOI_090609KSEP6297.E2	09-JUN-2009	09:18:44.747
EGOI_090609KSEP6324.E2	09-JUN-2009	10:58:22.849
EGOI_090609KSEP6352.E2	09-JUN-2009	12:37:41.452
EGOI_090609KSEP6379.E2	09-JUN-2009	14:16:37.554
EGOI_090609KSEP6397.E2	09-JUN-2009	15:54:26.145
EGOI_090609KSEP6424.E2	09-JUN-2009	17:32:23.743
EGOI_090609KSEP6459.E2	09-JUN-2009	19:10:13.834
EGOI_090609KSEP6488.E2	09-JUN-2009	20:49:59.440
EGOI_090609KSEP6518.E2	09-JUN-2009	22:32:04.562
EGOI_090609MAEP0451.E2	09-JUN-2009	09:26:16.294
EGOI_090609MAEP0459.E2	09-JUN-2009	11:06:39.396
EGOI_090609MAEP0477.E2	09-JUN-2009	20:43:08.401
EGOI_090609MIEP0550.E2	09-JUN-2009	02:15:12.171
EGOI_090609MIEP0570.E2	09-JUN-2009	03:53:23.265
EGOI_090609MMEP5055.E2	08-JUN-2009	23:56:02.323
EGOI_090609MMEP5064.E2	09-JUN-2009	05:02:56.691
EGOI_090609MMEP5072.E2	09-JUN-2009	06:44:54.308
EGOI_090609MMEP5081.E2	09-JUN-2009	08:25:59.423
EGOI_090609MMEP5089.E2	09-JUN-2009	10:06:31.532
EGOI_090609MMEP5102.E2	09-JUN-2009	16:45:32.461
EGOI_090609MMEP5109.E2	09-JUN-2009	20:04:17.162
EGOI_090609MMEP5118.E2	09-JUN-2009	23:24:22.883
EGOI_090609MSEP6122.E2	09-JUN-2009	00:32:52.055
EGOI_090609MSEP6144.E2	09-JUN-2009	11:11:37.929
EGOI_090609MSEP6169.E2	09-JUN-2009	12:51:31.034
EGOI_090609MSEP6193.E2	04-JUN-2009	10:30:09.458
EGOI_090609MSEP6222.E2	04-JUN-2009	23:17:08.751
EGOI_090609MSEP6231.E2	05-JUN-2009	01:00:33.376
EGOI_090609MSEP6261.E2	09-JUN-2009	22:20:56.999
EGOI_090609SGEP7455.E2	09-JUN-2009	04:40:53.550
EGOI_090609SGEP7463.E2	09-JUN-2009	13:54:41.921
EGOI_090609SGEP7470.E2	09-JUN-2009	15:29:57.500

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	73908	09-JUN-2009	07:36:48.594	07:38:47.133	118.53900
KS	73909	09-JUN-2009	09:16:22.840	09:18:44.747	141.90700
KS	73910	09-JUN-2009	10:55:58.705	10:58:22.848	144.14300
KS	73911	09-JUN-2009	12:35:18.101	12:37:41.451	143.35000
KS	73912	09-JUN-2009	14:14:09.877	14:16:37.553	147.67600
KS	73913	09-JUN-2009	15:52:00.776	15:54:26.144	145.36800
KS	73915	09-JUN-2009	19:08:09.682	19:10:13.833	124.15100

KS	73916	09-JUN-2009	20:48:06.112	20:49:59.439	113.32700
KS	73917	09-JUN-2009	22:30:12.245	22:32:04.562	112.31700
MS	73904	09-JUN-2009	00:31:01.767	00:32:52.055	110.28800
MS	73910	09-JUN-2009	11:09:05.064	11:11:37.929	152.86500
MS	73911	09-JUN-2009	12:49:04.845	12:51:31.034	146.18900
MS	73917	09-JUN-2009	22:18:57.670	22:20:56.998	119.32800
MA	73909	09-JUN-2009	09:24:32.318	09:26:16.293	103.97500
MA	73910	09-JUN-2009	11:04:58.448	11:06:39.396	100.94800
MA	73916	09-JUN-2009	20:40:04.378	20:43:08.401	184.02300
MI	73905	09-JUN-2009	02:13:12.135	02:15:12.170	120.03500
MI	73906	09-JUN-2009	03:50:25.778	03:53:23.264	177.48600
MM	73903	08-JUN-2009	23:54:26.977	23:56:02.323	95.346000
MM	73908	09-JUN-2009	08:24:48.256	08:25:59.422	71.166000
MM	73909	09-JUN-2009	10:05:06.322	10:06:31.531	85.209000
MM	73913	09-JUN-2009	16:43:52.461	16:45:32.461	100.00000
MM	73915	09-JUN-2009	20:02:15.790	20:04:17.161	121.37100
MM	73917	09-JUN-2009	23:22:37.034	23:24:22.883	105.84900
BE	73906	09-JUN-2009	04:21:57.052	04:24:27.952	150.90000
SG	73906	09-JUN-2009	04:33:31.444	04:40:53.550	442.10600
SG	73912	09-JUN-2009	15:27:38.350	15:29:57.499	139.14900

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	73904	09-JUN-2009	01:24:35.964	01:36:51.812	735.84800
MM	73904	09-JUN-2009	01:36:27.089	01:46:13.553	586.46400
GS	73904	09-JUN-2009	00:40:47.639	00:48:39.812	472.17300
BE	73905	09-JUN-2009	02:41:53.105	02:55:09.467	796.36200
MM	73905	09-JUN-2009	03:19:21.108	03:26:46.708	445.60000
GS	73905	09-JUN-2009	02:16:48.933	02:29:37.764	768.83100
SG	73905	09-JUN-2009	02:53:18.266	03:06:25.055	786.78900
CM	73905	09-JUN-2009	03:49:22.528	04:01:38.355	735.82700
GS	73906	09-JUN-2009	03:56:08.240	04:08:45.840	757.60000
KS	73907	09-JUN-2009	05:58:10.509	06:02:58.015	287.50600
CM	73907	09-JUN-2009	05:31:59.633	05:37:52.290	352.65700
JO	73907	09-JUN-2009	06:26:56.998	06:34:15.819	438.82100

JO	73908	09-JUN-2009	08:01:32.544	08:16:28.822	896.27800
JO	73909	09-JUN-2009	09:43:15.594	09:53:58.611	643.01700
HO	73910	09-JUN-2009	11:54:36.304	12:07:41.220	784.91600
MM	73910	09-JUN-2009	11:45:09.855	11:57:26.538	736.68300
HO	73911	09-JUN-2009	13:33:31.637	13:48:11.179	879.54200
MM	73911	09-JUN-2009	13:24:59.726	13:37:42.481	762.75500
BE	73912	09-JUN-2009	13:58:29.206	14:11:52.264	803.05800
HO	73912	09-JUN-2009	15:14:42.018	15:22:49.044	487.02600
MM	73912	09-JUN-2009	15:04:34.166	15:17:14.287	760.12100
MI	73912	09-JUN-2009	14:33:37.237	14:41:23.048	465.81100
GS	73912	09-JUN-2009	14:26:08.553	14:36:54.929	646.37600
BE	73913	09-JUN-2009	15:40:21.416	15:49:50.674	569.25800
MI	73913	09-JUN-2009	16:10:27.784	16:23:46.397	798.61300
GS	73913	09-JUN-2009	16:04:34.886	16:18:29.906	835.02000
CM	73913	09-JUN-2009	16:13:18.472	16:25:37.210	738.73800
MM	73914	09-JUN-2009	18:23:00.782	18:35:35.195	754.41300
MI	73914	09-JUN-2009	17:53:58.534	17:57:06.997	188.46300
KS	73914	09-JUN-2009	17:29:55.435	17:42:43.347	767.91200
GS	73914	09-JUN-2009	17:44:53.900	17:55:20.336	626.43600
CM	73914	09-JUN-2009	17:55:12.656	18:01:19.000	366.34400
MA	73915	09-JUN-2009	19:05:58.016	19:12:57.323	419.30700
JO	73915	09-JUN-2009	20:21:39.427	20:36:24.911	885.48400
MM	73916	09-JUN-2009	21:42:00.883	21:54:38.815	757.93200
JO	73916	09-JUN-2009	22:01:51.685	22:14:02.751	731.06600
HO	73917	09-JUN-2009	23:12:57.422	23:26:55.893	838.47100
MA	73917	09-JUN-2009	22:23:31.553	22:31:48.058	496.50500
MS	73918	09-JUN-2009	23:58:14.330	00:10:28.139	733.80900

[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

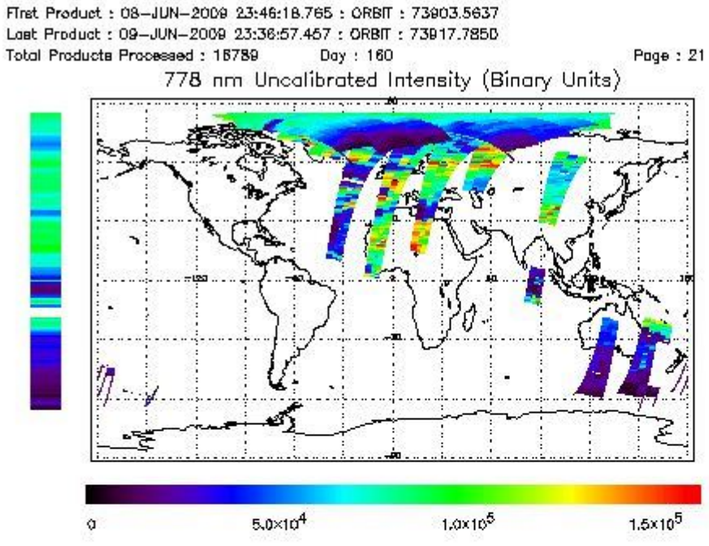
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK

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	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

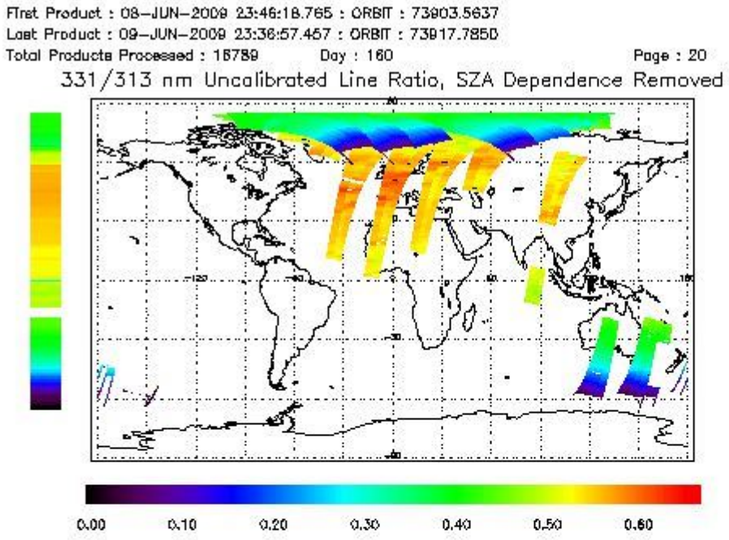
2.2 - Daily Plots

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

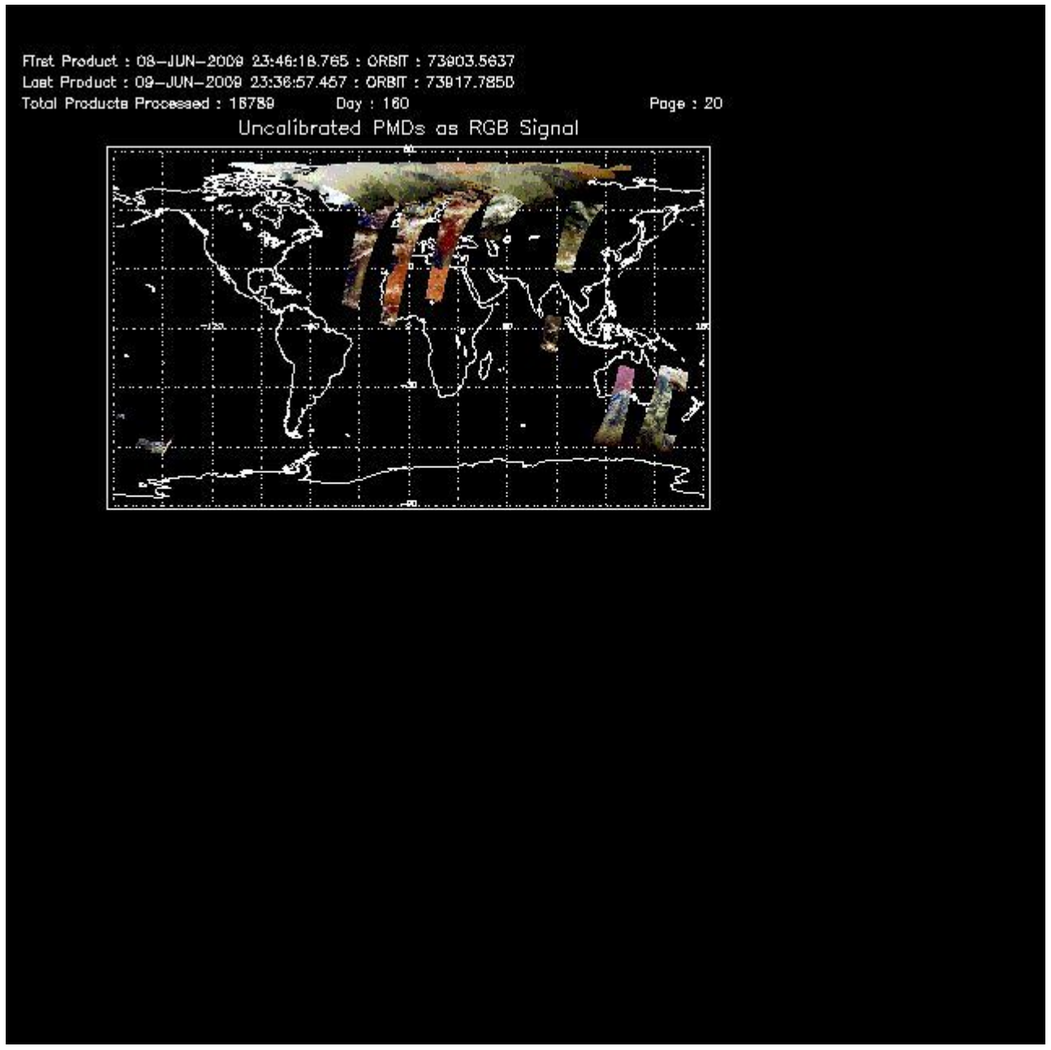
NEAR IR Intensity



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	19:14:30	--	73915	--	--	14213

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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[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)
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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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[BACK TO MENU]

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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[BACK TO MENU]