GOME Daily Report

SUMMARY

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Time of Report Generation	12-JUN-2009
Start Time of First Product	00:38:53
Stop Time of Last Product	22:37:56
Number of EGOI Products analysed	26
Number of corrupted products	1
Anomalies and/or Special Operations	--

1.2 - List of received products

Name	Date	Time
EGOI_090612GSEP2088.E2	12-JUN-2009	02:23:29.457
EGOI_090612GSEP2114.E2	12-JUN-2009	04:03:55.562
EGOI_090612GSEP2121.E2	12-JUN-2009	05:46:21.684
EGOI_090612KSEP7092.E2	12-JUN-2009	07:44:26.904
EGOI_090612KSEP7117.E2	12-JUN-2009	09:24:27.515
EGOI_090612KSEP7146.E2	12-JUN-2009	11:04:05.617
EGOI_090612KSEP7173.E2	12-JUN-2009	12:43:21.215
EGOI_090612KSEP7186.E2	12-JUN-2009	14:22:15.818
EGOI_090612KSEP7204.E2	12-JUN-2009	16:00:02.912

EGOI_090612KSEP7234.E2	12-JUN-2009	17:37:59.010
EGOI_090612KSEP7257.E2	12-JUN-2009	19:15:50.601
EGOI_090612KSEP7292.E2	12-JUN-2009	20:55:54.207
EGOI_090612KSEP7322.E2	12-JUN-2009	22:37:56.329
EGOI_090612MAEP0577.E2	12-JUN-2009	09:32:02.058
EGOI_090612MAEP0588.E2	12-JUN-2009	11:11:50.664
EGOI_090612MAEP0595.E2	12-JUN-2009	19:13:43.089
EGOI_090612MAEP0610.E2	12-JUN-2009	22:30:17.286
EGOI_090612MIEP0769.E2	12-JUN-2009	02:20:47.437
EGOI_090612MIEP0790.E2	12-JUN-2009	03:59:12.035
EGOI_090612MIEP0810.E2	12-JUN-2009	14:40:14.431
EGOI_090612MIEP0839.E2	12-JUN-2009	16:18:04.521
EGOI_090612MSEP6532.E2	12-JUN-2009	00:38:52.824
EGOI_090612MSEP6547.E2	12-JUN-2009	11:17:11.695
EGOI_090612MSEP6571.E2	12-JUN-2009	12:57:22.801
EGOI_090612MSEP6599.E2	12-JUN-2009	22:26:23.259
EGOI_090612SGEP7497.E2	12-JUN-2009	13:59:41.181

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	73951	12-JUN-2009	07:42:29.489	07:44:26.903	117.41400
KS	73952	12-JUN-2009	09:22:04.465	09:24:27.514	143.04900
KS	73953	12-JUN-2009	11:01:39.853	11:04:05.616	145.76300
KS	73954	12-JUN-2009	12:40:57.754	12:43:21.215	143.46100
KS	73955	12-JUN-2009	14:19:47.672	14:22:15.818	148.14600
KS	73956	12-JUN-2009	15:57:35.728	16:00:02.911	147.18300
KS	73957	12-JUN-2009	17:35:30.570	17:37:59.009	148.43900
KS	73958	12-JUN-2009	19:13:49.512	19:15:50.601	121.08900
KS	73959	12-JUN-2009	20:53:52.293	20:55:54.207	121.91400
KS	73960	12-JUN-2009	22:36:07.241	22:37:56.328	109.08700
GS	73949	12-JUN-2009	04:02:00.564	04:03:55.562	114.99800
MS	73947	12-JUN-2009	00:37:08.884	00:38:52.823	103.93900
MS	73953	12-JUN-2009	11:14:42.141	11:17:11.694	149.55300
MS	73954	12-JUN-2009	12:54:54.480	12:57:22.800	148.32000
MS	73960	12-JUN-2009	22:24:27.712	22:26:23.259	115.54700
MA	73952	12-JUN-2009	09:30:11.487	09:32:02.057	110.57000
MA	73953	12-JUN-2009	11:10:48.236	11:11:50.664	62.428000
MA	73958	12-JUN-2009	19:11:09.644	19:13:43.088	153.44400
MI	73948	12-JUN-2009	02:18:31.825	02:20:47.437	135.61200

MI	73949	12-JUN-2009	03:56:11.598	03:59:12.034	180.43600
MI	73955	12-JUN-2009	14:38:51.734	14:40:14.430	82.696000
MI	73956	12-JUN-2009	16:16:10.091	16:18:04.521	114.43000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	73946	11-JUN-2009	23:49:30.004	00:03:57.669	867.66500
MM	73946	12-JUN-2009	00:00:14.940	00:11:43.832	688.89200
HO	73947	12-JUN-2009	01:30:34.561	01:42:23.040	708.47900
MM	73947	12-JUN-2009	01:42:18.687	01:51:57.639	578.95200
GS	73947	12-JUN-2009	00:46:04.001	00:54:31.449	507.44800
BE	73948	12-JUN-2009	02:47:32.340	03:00:53.102	800.76200
MM	73948	12-JUN-2009	03:25:14.751	03:32:32.465	437.71400
SG	73948	12-JUN-2009	02:58:50.905	03:12:12.088	801.18300
CM	73948	12-JUN-2009	03:54:59.373	04:07:20.820	741.44700
BE	73949	12-JUN-2009	04:27:45.140	04:38:20.586	635.44600
MM	73949	12-JUN-2009	05:08:09.537	05:13:56.964	347.42700
SG	73949	12-JUN-2009	04:39:30.710	04:49:41.103	610.39300
MM	73950	12-JUN-2009	06:49:50.803	06:56:40.284	409.48100
KS	73950	12-JUN-2009	06:03:42.191	06:09:09.292	327.10100
CM	73950	12-JUN-2009	05:38:35.531	05:42:40.505	244.97400
JO	73950	12-JUN-2009	06:31:59.940	06:40:22.494	502.55400
MM	73951	12-JUN-2009	08:30:32.648	08:39:42.279	549.63100
MA	73951	12-JUN-2009	07:52:55.986	07:59:48.142	412.15600
JO	73951	12-JUN-2009	08:07:10.615	08:22:10.391	899.77600
MM	73952	12-JUN-2009	10:10:49.737	10:21:59.202	669.46500
JO	73952	12-JUN-2009	09:49:22.538	09:59:18.316	595.77800
HO	73953	12-JUN-2009	12:00:13.467	12:13:34.690	801.22300
MM	73953	12-JUN-2009	11:50:52.514	12:03:11.825	739.31100
HO	73954	12-JUN-2009	13:39:14.259	13:53:43.824	869.56500
MM	73954	12-JUN-2009	13:30:41.559	13:43:24.721	763.16200
BE	73955	12-JUN-2009	14:04:08.721	14:17:33.418	804.69700
HO	73955	12-JUN-2009	15:20:34.186	15:28:10.322	456.13600
MM	73955	12-JUN-2009	15:10:15.060	15:22:54.658	759.59800
GS	73955	12-JUN-2009	14:31:40.461	14:42:40.358	659.89700

SG	73955	12-JUN-2009	15:33:19.210	15:47:10.331	831.12100
BE	73956	12-JUN-2009	15:46:27.010	15:55:15.533	528.52300
MM	73956	12-JUN-2009	16:49:32.524	17:02:04.492	751.96800
GS	73956	12-JUN-2009	16:10:16.275	16:24:09.135	832.86000
CM	73956	12-JUN-2009	16:18:56.552	16:31:19.789	743.23700
MM	73957	12-JUN-2009	18:28:40.680	18:41:15.549	754.86900
GS	73957	12-JUN-2009	17:50:41.612	18:00:43.193	601.58100
CM	73957	12-JUN-2009	18:01:33.961	18:06:10.702	276.74100
MM	73958	12-JUN-2009	20:07:56.759	20:20:40.040	763.28100
JO	73958	12-JUN-2009	20:27:16.995	20:42:09.368	892.37300
MM	73959	12-JUN-2009	21:47:44.265	22:00:21.004	756.73900
MA	73959	12-JUN-2009	20:45:44.015	20:59:26.699	822.68400
JO	73959	12-JUN-2009	22:07:43.401	22:19:24.479	701.07800
HO	73960	12-JUN-2009	23:18:30.915	23:32:38.469	847.55400
MM	73960	12-JUN-2009	23:28:23.816	23:40:16.714	712.89800

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1.5 - List of corrupted products

Station	Orbit	Time
KS	73960	22:38:15.829

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2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

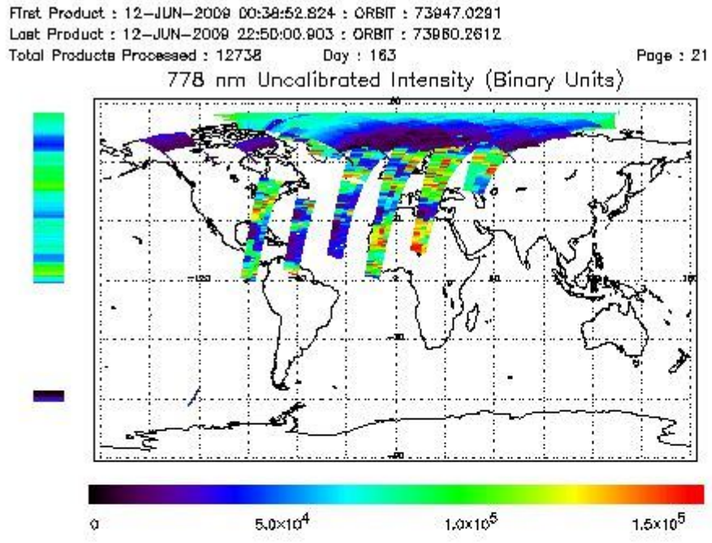
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

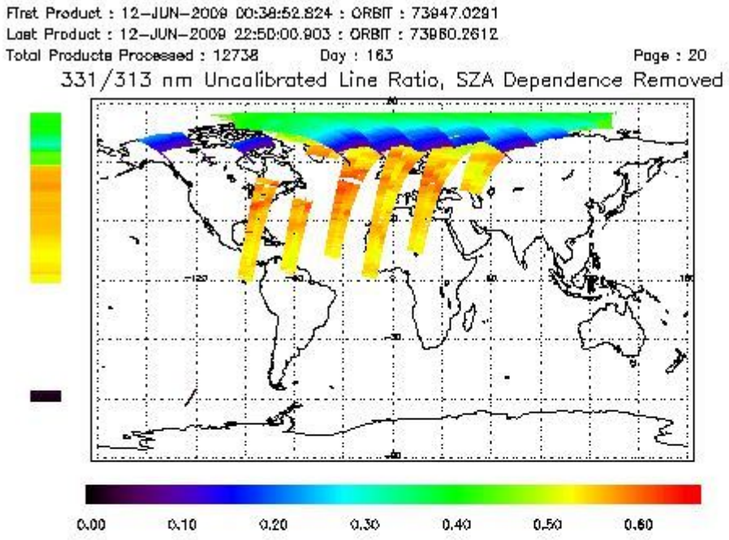
2.2 - Daily Plots

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

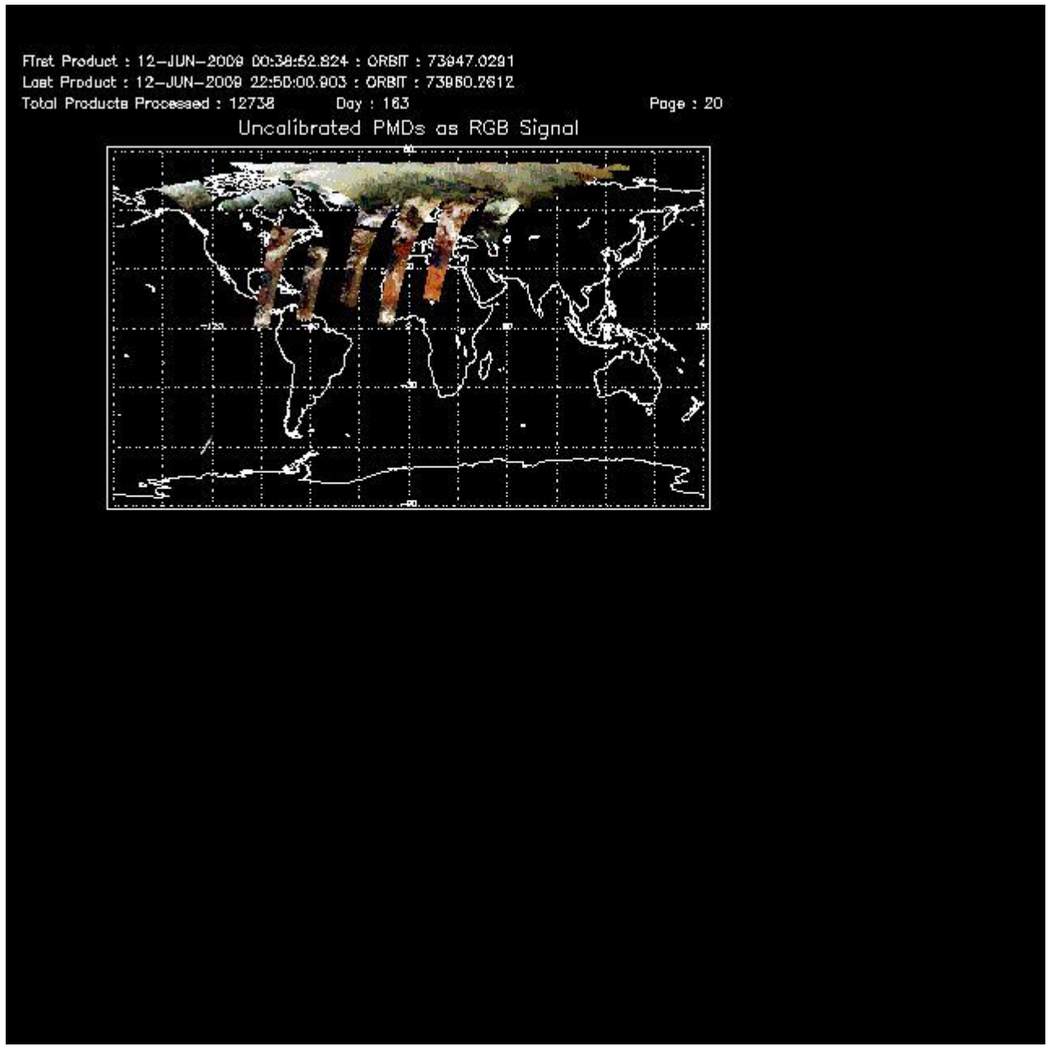
NEAR IR Intensity



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	17:38:44.010	--	73957	Y	--	14380

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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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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