GOME Daily Report

SUMMARY

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Time of Report Generation	08-JUN-2009
Start Time of First Product	00:27:45
Stop Time of Last Product	22:19:14
Total Number of EGOI Products	31
Number of corrupted products	--
Anomalies and/or Special Operations	--

1.2 - Products used in this report

Name	Date	Time
EGOI_090608BEEP0081.E2	08-JUN-2009	03:15:32.306
EGOI_090608HLEP1167.E2	08-JUN-2009	22:09:48.183
EGOI_090608KSEP6009.E2	08-JUN-2009	06:30:33.486
EGOI_090608KSEP6030.E2	08-JUN-2009	08:10:25.091
EGOI_090608KSEP6056.E2	08-JUN-2009	09:50:04.693
EGOI_090608KSEP6081.E2	08-JUN-2009	11:29:41.299
EGOI_090608KSEP6101.E2	08-JUN-2009	13:08:47.897
EGOI_090608KSEP6113.E2	08-JUN-2009	14:47:33.496
EGOI_090608KSEP6128.E2	08-JUN-2009	16:25:13.091

EGOI_090608KSEP6152.E2	08-JUN-2009	18:03:19.689
EGOI_090608KSEP6188.E2	08-JUN-2009	19:41:21.784
EGOI_090608KSEP6214.E2	08-JUN-2009	21:21:49.394
EGOI_090608KSEP6242.E2	08-JUN-2009	23:04:36.519
EGOI_090608MAEP0408.E2	08-JUN-2009	08:18:43.142
EGOI_090608MAEP0420.E2	08-JUN-2009	09:57:31.736
EGOI_090608MIEP0439.E2	08-JUN-2009	02:44:42.619
EGOI_090608MIEP0468.E2	08-JUN-2009	04:24:17.720
EGOI_090608MIEP0495.E2	08-JUN-2009	15:04:48.602
EGOI_090608MIEP0525.E2	08-JUN-2009	16:43:53.704
EGOI_090608MMEP5011.E2	08-JUN-2009	00:27:44.787
EGOI_090608MMEP5018.E2	08-JUN-2009	02:09:54.404
EGOI_090608MMEP5031.E2	08-JUN-2009	13:57:45.198
EGOI_090608MMEP5038.E2	08-JUN-2009	15:37:12.797
EGOI_090608MMEP5047.E2	08-JUN-2009	20:35:23.608
EGOI_090608MSEP6007.E2	08-JUN-2009	10:05:39.287
EGOI_090608MSEP6031.E2	08-JUN-2009	11:42:41.377
EGOI_090608MSEP6053.E2	08-JUN-2009	13:24:01.489
EGOI_090608MSEP6068.E2	08-JUN-2009	21:16:58.366
EGOI_090608MSEP6097.E2	08-JUN-2009	22:51:09.437
EGOI_090608SGEP7440.E2	08-JUN-2009	05:08:59.986
EGOI_090608SGEP7449.E2	08-JUN-2009	16:03:51.961

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	73893	08-JUN-2009	06:28:52.674	06:30:33.485	100.81100
KS	73894	08-JUN-2009	08:08:04.611	08:10:25.090	140.47900
KS	73895	08-JUN-2009	09:47:41.713	09:50:04.693	142.98000
KS	73896	08-JUN-2009	11:27:14.274	11:29:41.299	147.02500
KS	73897	08-JUN-2009	13:06:24.643	13:08:47.897	143.25400
KS	73898	08-JUN-2009	14:45:06.039	14:47:33.495	147.45600
KS	73899	08-JUN-2009	16:22:45.999	16:25:13.090	147.09100
KS	73900	08-JUN-2009	18:00:34.578	18:03:19.688	165.11000
KS	73901	08-JUN-2009	19:39:22.647	19:41:21.783	119.13600
KS	73902	08-JUN-2009	21:19:55.493	21:21:49.394	113.90100
MS	73896	08-JUN-2009	11:40:10.125	11:42:41.376	151.25100
MS	73897	08-JUN-2009	13:21:33.756	13:24:01.489	147.73300
MA	73894	08-JUN-2009	08:17:23.182	08:18:43.141	79.959000
MA	73895	08-JUN-2009	09:55:44.061	09:57:31.735	107.67400
MI	73891	08-JUN-2009	02:42:56.426	02:44:42.619	106.19300

MI	73892	08-JUN-2009	04:22:26.557	04:24:17.719	111.16200
MI	73898	08-JUN-2009	15:03:10.535	15:04:48.601	98.066000
MI	73899	08-JUN-2009	16:42:00.857	16:43:53.703	112.84600
MM	73889	08-JUN-2009	00:26:23.453	00:27:44.786	81.333000
MM	73890	08-JUN-2009	02:08:43.051	02:09:54.403	71.352000
MM	73897	08-JUN-2009	13:56:19.165	13:57:45.197	86.032000
MM	73898	08-JUN-2009	15:35:48.417	15:37:12.796	84.379000
MM	73901	08-JUN-2009	20:33:32.464	20:35:23.607	111.14300
MM	73903	08-JUN-2009	23:54:26.977	23:56:02.323	95.346000
BE	73891	08-JUN-2009	03:13:04.811	03:15:32.306	147.49500
SG	73898	08-JUN-2009	15:59:08.748	16:03:51.960	283.21200

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	73889	08-JUN-2009	00:14:53.349	00:29:31.586	878.23700
HO	73890	08-JUN-2009	01:58:12.895	02:06:52.470	519.57500
GS	73890	08-JUN-2009	01:10:07.706	01:20:41.334	633.62800
MM	73891	08-JUN-2009	03:51:46.049	03:58:30.396	404.34700
GS	73891	08-JUN-2009	02:47:03.040	03:00:58.489	835.44900
SG	73891	08-JUN-2009	03:24:04.567	03:37:57.357	832.79000
CM	73891	08-JUN-2009	02:44:32.020	02:51:09.981	397.96100
CM	73891	08-JUN-2009	04:20:32.658	04:32:48.591	735.93300
BE	73892	08-JUN-2009	04:54:04.273	05:02:21.704	497.43100
MM	73892	08-JUN-2009	05:34:26.676	05:40:15.064	348.38800
GS	73892	08-JUN-2009	04:28:44.152	04:39:21.744	637.59200
MM	73893	08-JUN-2009	07:15:48.178	07:23:11.649	443.47100
JO	73893	08-JUN-2009	06:55:33.909	07:07:10.519	696.61000
MM	73894	08-JUN-2009	08:56:21.550	09:06:06.024	584.47400
JO	73894	08-JUN-2009	08:32:45.773	08:47:38.957	893.18400
MM	73895	08-JUN-2009	10:36:34.567	10:48:06.981	692.41400
MM	73896	08-JUN-2009	12:16:33.928	12:29:03.199	749.27100
MA	73896	08-JUN-2009	11:37:06.348	11:44:17.138	430.79000
SG	73897	08-JUN-2009	14:21:19.023	14:31:59.528	640.50500
BE	73898	08-JUN-2009	14:29:49.001	14:43:02.856	793.85500
GS	73898	08-JUN-2009	14:56:46.008	15:09:28.271	762.26300

CM	73898	08-JUN-2009	15:07:58.829	15:14:27.535	388.70600
MM	73899	08-JUN-2009	17:15:02.436	17:27:33.971	751.53500
GS	73899	08-JUN-2009	16:35:56.093	16:49:25.264	809.17100
CM	73899	08-JUN-2009	16:44:31.343	16:56:43.899	732.55600
MM	73900	08-JUN-2009	18:54:10.573	19:06:47.731	757.15800
GS	73900	08-JUN-2009	18:16:57.030	18:24:37.768	460.73800
JO	73900	08-JUN-2009	19:15:40.487	19:25:29.039	588.55200
MA	73901	08-JUN-2009	19:33:20.530	19:45:07.506	706.97600
JO	73901	08-JUN-2009	20:52:45.116	21:07:45.236	900.12000
MM	73902	08-JUN-2009	22:13:31.655	22:26:01.438	749.78300
MA	73902	08-JUN-2009	21:11:40.298	21:24:56.375	796.07700
JO	73902	08-JUN-2009	22:34:29.853	22:43:00.449	510.59600
HO	73903	08-JUN-2009	23:43:52.511	23:58:16.069	863.55800
MM	73903	08-JUN-2009	23:54:26.977	00:06:00.621	693.64400
MS	73903	08-JUN-2009	22:49:29.172	23:02:42.044	792.87200

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1.5 - List of corrupted products

Station	Orbit	Time

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

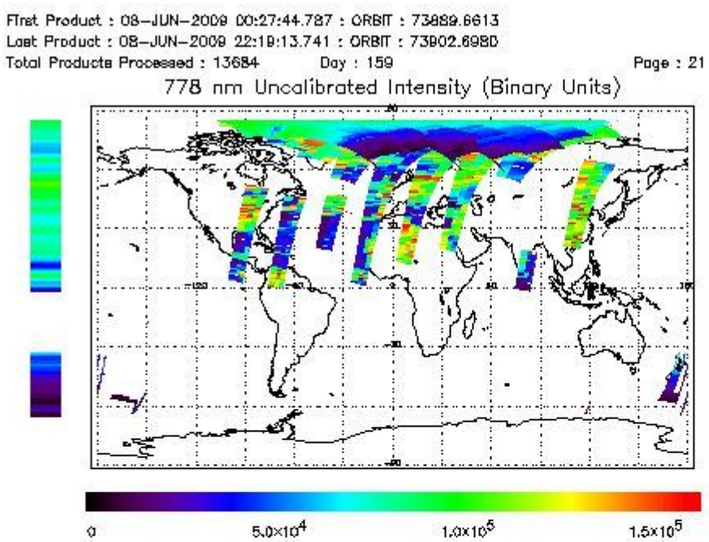
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

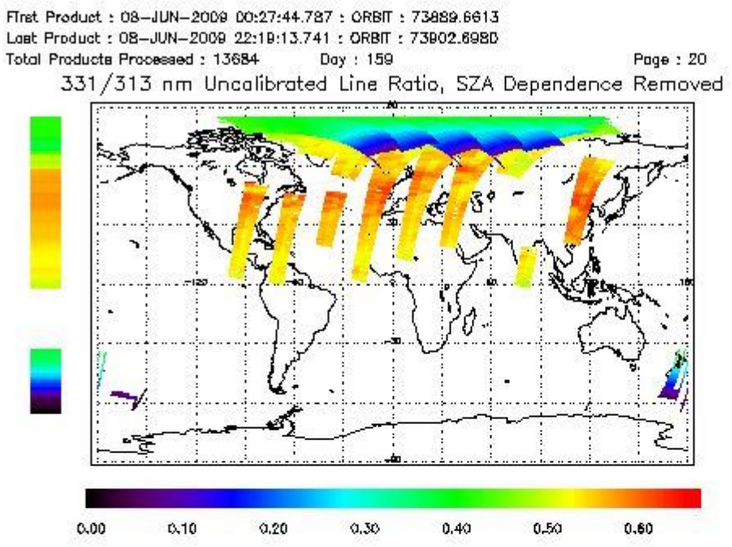
2.2 - Daily Plots

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

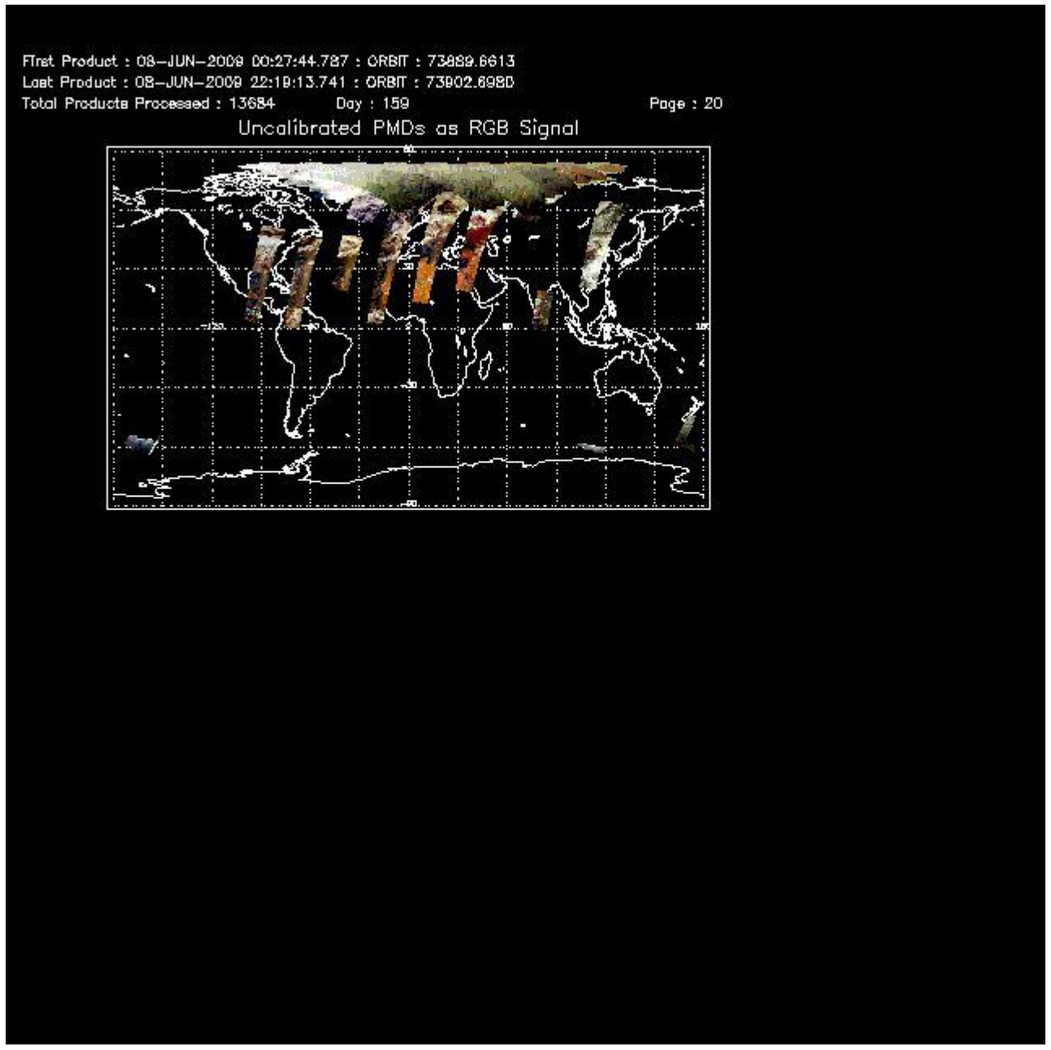
NEAR IR Intensity



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	19:45:15.806	--	73901	--	--	14395

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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