GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Time of Report Generation	24-JUN-2009
Start Time of First Product	00:14:27
Stop Time of Last Product	23:12:47
Number of EGOI Products analysed	34
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal data

1.2 - List of received products

Name	Date	Time
EGOI_090624BEEP0151.E2	24-JUN-2009	14:29:38.380
EGOI_090624GSEP2993.E2	24-JUN-2009	01:09:02.026
EGOI_090624GSEP3025.E2	24-JUN-2009	02:46:10.115
EGOI_090624GSEP3054.E2	24-JUN-2009	04:27:37.733
EGOI_090624GSEP3061.E2	24-JUN-2009	06:09:53.350
EGOI_090624HLEP1529.E2	24-JUN-2009	00:14:28.693
EGOI_090624HLEP1537.E2	24-JUN-2009	01:57:26.318
EGOI_090624HLEP1544.E2	24-JUN-2009	22:07:07.579
EGOI_090624KSEP0060.E2	24-JUN-2009	06:27:45.955

EGOI_090624KSEP0090.E2	24-JUN-2009	08:07:36.065
EGOI_090624KSEP0113.E2	24-JUN-2009	09:47:15.666
EGOI_090624KSEP0138.E2	24-JUN-2009	11:26:53.773
EGOI_090624KSEP0157.E2	24-JUN-2009	13:05:58.875
EGOI_090624KSEP0179.E2	24-JUN-2009	14:44:45.978
EGOI_090624KSEP0199.E2	24-JUN-2009	16:22:27.064
EGOI_090624KSEP0230.E2	24-JUN-2009	18:00:30.089
EGOI_090624KSEP0264.E2	24-JUN-2009	19:38:33.683
EGOI_090624KSEP0288.E2	24-JUN-2009	21:19:01.293
EGOI_090624KSEP0315.E2	24-JUN-2009	23:02:25.915
EGOI_090624MAEP0968.E2	24-JUN-2009	09:54:41.213
EGOI_090624MAEP0984.E2	24-JUN-2009	21:11:29.742
EGOI_090624MIEP2028.E2	24-JUN-2009	02:41:55.088
EGOI_090624MIEP2057.E2	24-JUN-2009	04:21:33.193
EGOI_090624MIEP2083.E2	24-JUN-2009	15:02:41.579
EGOI_090624MIEP2113.E2	24-JUN-2009	16:41:12.178
EGOI_090624MSEP7923.E2	24-JUN-2009	01:03:52.994
EGOI_090624MSEP7941.E2	24-JUN-2009	10:03:00.762
EGOI_090624MSEP7966.E2	24-JUN-2009	11:39:53.851
EGOI_090624MSEP7989.E2	24-JUN-2009	13:20:58.969
EGOI_090624MSEP8002.E2	24-JUN-2009	21:14:43.262
EGOI_090624MSEP8031.E2	24-JUN-2009	22:48:49.833
EGOI_090624SGEP7813.E2	24-JUN-2009	05:06:10.963
EGOI_090624SGEP7819.E2	24-JUN-2009	14:23:41.349
EGOI_090624SGEP7826.E2	24-JUN-2009	16:03:41.954

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	74122	24-JUN-2009	06:26:03.947	06:27:45.954	102.00700
KS	74123	24-JUN-2009	08:05:13.969	08:07:36.065	142.09600
KS	74124	24-JUN-2009	09:44:50.919	09:47:15.665	144.74600
KS	74125	24-JUN-2009	11:24:23.848	11:26:53.772	149.92400
KS	74126	24-JUN-2009	13:03:35.121	13:05:58.875	143.75400
KS	74127	24-JUN-2009	14:42:17.468	14:44:45.978	148.51000
KS	74128	24-JUN-2009	16:19:57.528	16:22:27.063	149.53500
KS	74129	24-JUN-2009	17:57:47.706	18:00:30.088	162.38200
KS	74130	24-JUN-2009	19:36:31.972	19:38:33.683	121.71100
KS	74131	24-JUN-2009	21:17:01.356	21:19:01.292	119.93600
KS	74132	24-JUN-2009	22:59:53.723	23:02:25.915	152.19200
GS	74119	24-JUN-2009	01:07:25.934	01:09:02.025	96.091000

GS	74120	24-JUN-2009	02:44:13.190	02:46:10.115	116.92500
GS	74121	24-JUN-2009	04:25:44.274	04:27:37.733	113.45900
MS	74125	24-JUN-2009	11:37:20.346	11:39:53.851	153.50500
MS	74126	24-JUN-2009	13:18:32.074	13:20:58.968	146.89400
MS	74132	24-JUN-2009	22:46:41.101	22:48:49.832	128.73100
MA	74124	24-JUN-2009	09:52:53.291	09:54:41.212	107.92100
MA	74131	24-JUN-2009	21:08:48.203	21:11:29.742	161.53900
MI	74120	24-JUN-2009	02:40:11.926	02:41:55.087	103.16100
MI	74121	24-JUN-2009	04:19:29.858	04:21:33.192	123.33400
MI	74127	24-JUN-2009	15:00:26.090	15:02:41.578	135.48800
MI	74128	24-JUN-2009	16:39:07.656	16:41:12.178	124.52200
BE	74127	24-JUN-2009	14:26:56.824	14:29:38.380	161.55600
BE	74127	24-JUN-2009	14:32:18.894	14:40:13.414	474.52000
SG	74126	24-JUN-2009	14:18:39.518	14:23:41.348	301.83000
SG	74127	24-JUN-2009	15:56:15.245	16:03:41.954	446.70900

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	74118	24-JUN-2009	00:23:28.957	00:34:37.109	668.15200
MM	74119	24-JUN-2009	02:05:46.843	02:14:54.634	547.79100
BE	74120	24-JUN-2009	03:10:14.084	03:23:37.432	803.34800
MM	74120	24-JUN-2009	03:48:49.274	03:55:37.112	407.83800
SG	74120	24-JUN-2009	03:21:15.118	03:35:06.917	831.79900
CM	74120	24-JUN-2009	02:42:01.762	02:48:03.527	361.76500
CM	74120	24-JUN-2009	04:17:40.870	04:29:59.945	739.07500
BE	74121	24-JUN-2009	04:51:07.449	04:59:43.596	516.14700
MM	74121	24-JUN-2009	05:31:31.738	05:37:19.430	347.69200
MM	74122	24-JUN-2009	07:12:55.299	07:20:14.827	439.52800
JO	74122	24-JUN-2009	06:52:53.978	07:04:14.007	680.02900
MM	74123	24-JUN-2009	08:53:29.515	09:03:10.228	580.71300
MA	74123	24-JUN-2009	08:14:39.803	08:25:16.600	636.79700
JO	74123	24-JUN-2009	08:29:54.067	08:44:49.831	895.76400
MM	74124	24-JUN-2009	10:33:42.962	10:45:13.000	690.03800
MM	74125	24-JUN-2009	12:13:42.705	12:26:11.016	748.31100
MA	74125	24-JUN-2009	11:34:12.335	11:41:40.295	447.96000

MM	74126	24-JUN-2009	13:53:28.372	14:06:12.299	763.92700
MM	74127	24-JUN-2009	15:32:58.097	15:45:35.534	757.43700
GS	74127	24-JUN-2009	14:53:57.952	15:06:32.459	754.50700
CM	74127	24-JUN-2009	15:05:28.502	15:11:15.880	347.37800
MM	74128	24-JUN-2009	17:12:12.472	17:24:44.014	751.54200
GS	74128	24-JUN-2009	16:33:04.718	16:46:37.646	812.92800
CM	74128	24-JUN-2009	16:41:39.738	16:53:55.974	736.23600
MM	74129	24-JUN-2009	18:51:20.549	19:03:57.439	756.89000
GS	74129	24-JUN-2009	18:14:00.810	18:22:00.161	479.35100
JO	74129	24-JUN-2009	19:13:02.362	19:22:23.663	561.30100
MM	74130	24-JUN-2009	20:30:41.713	20:43:25.697	763.98400
MA	74130	24-JUN-2009	19:30:36.789	19:42:13.425	696.63600
JO	74130	24-JUN-2009	20:49:54.630	21:04:55.704	901.07400
MM	74131	24-JUN-2009	22:10:39.543	22:23:10.233	750.69000
JO	74131	24-JUN-2009	22:31:28.615	22:40:26.553	537.93800
HO	74132	24-JUN-2009	23:41:02.490	23:55:25.471	862.98100
MM	74132	24-JUN-2009	23:51:33.077	00:03:09.033	695.95600

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1.5 - List of corrupted products

Station	Orbit	Time
MI	74127	15:02:44.5

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2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

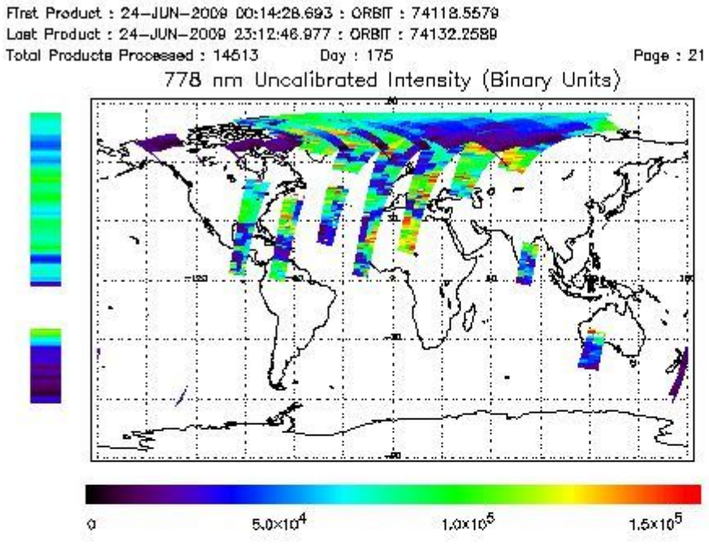
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

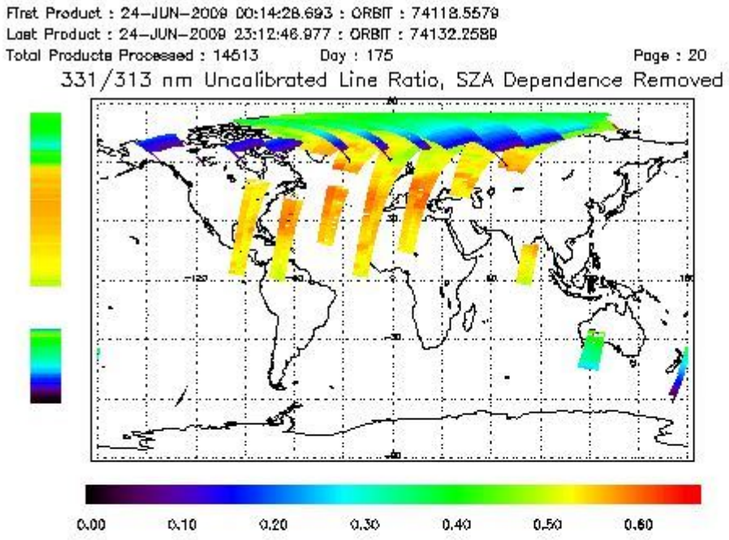
2.2 - Daily Plots

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

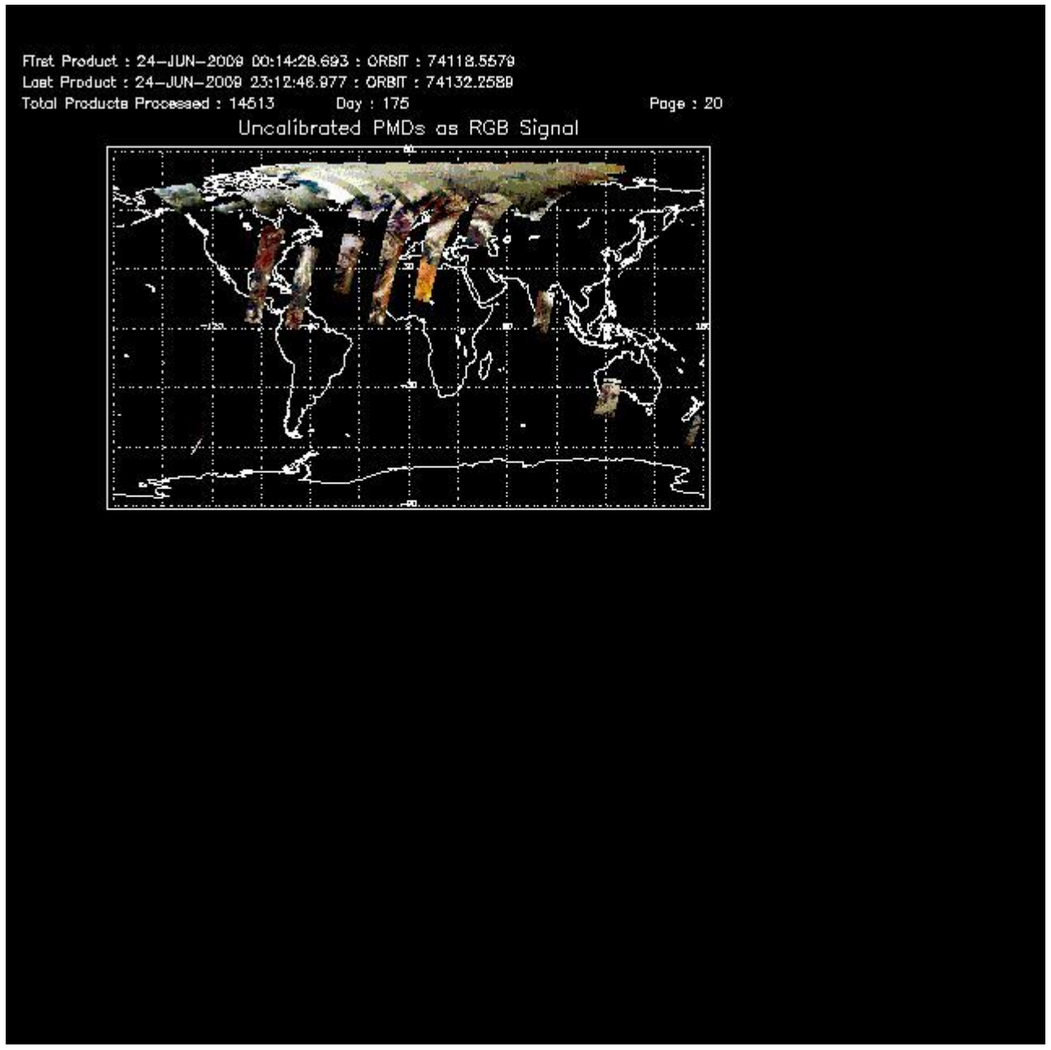
NEAR IR Intensity



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	18:01:39.090	--	74129	Y	--	14540

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
19:30	--	74130	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	Orbit End
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