GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Time of Report Generation	07-JUL-2009
Start Time of First Product	00:06:09
Stop Time of Last Product	23:48:20
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_090707GSEP3974.E2	07-JUL-2009	01:00:56.926
EGOI_090707GSEP4006.E2	07-JUL-2009	02:37:35.016
EGOI_090707GSEP4035.E2	07-JUL-2009	04:18:41.625
EGOI_090707GSEP4042.E2	07-JUL-2009	06:01:06.250
EGOI_090707HLEP1908.E2	07-JUL-2009	00:06:08.590
EGOI_090707HLEP1914.E2	07-JUL-2009	01:47:55.715
EGOI_090707HLEP1924.E2	07-JUL-2009	15:37:56.257
EGOI_090707HLEP1932.E2	07-JUL-2009	21:59:49.576
EGOI_090707HLEP1938.E2	07-JUL-2009	23:34:56.154

EGOI_090707KSEP3706.E2	07-JUL-2009	06:19:15.360
EGOI_090707KSEP3737.E2	07-JUL-2009	07:59:06.973
EGOI_090707KSEP3761.E2	07-JUL-2009	09:38:45.075
EGOI_090707KSEP3795.E2	07-JUL-2009	11:18:21.678
EGOI_090707KSEP3823.E2	07-JUL-2009	12:57:34.286
EGOI_090707KSEP3836.E2	07-JUL-2009	14:36:22.885
EGOI_090707KSEP3855.E2	07-JUL-2009	16:14:03.980
EGOI_090707KSEP3886.E2	07-JUL-2009	17:52:07.570
EGOI_090707KSEP3922.E2	07-JUL-2009	19:30:03.668
EGOI_090707KSEP3956.E2	07-JUL-2009	21:10:17.779
EGOI_090707KSEP3968.E2	07-JUL-2009	22:52:54.397
EGOI_090707MAEP1431.E2	07-JUL-2009	09:46:13.595
EGOI_090707MIEP3337.E2	07-JUL-2009	02:33:55.997
EGOI_090707MIEP3365.E2	07-JUL-2009	04:13:46.098
EGOI_090707MIEP3391.E2	07-JUL-2009	14:54:34.991
EGOI_090707MIEP3421.E2	07-JUL-2009	16:32:38.589
EGOI_090707MSEP9451.E2	07-JUL-2009	00:54:17.887
EGOI_090707MSEP9473.E2	07-JUL-2009	11:31:24.756
EGOI_090707MSEP9497.E2	07-JUL-2009	11:31:24.756
EGOI_090707MSEP9521.E2	07-JUL-2009	13:12:10.368
EGOI_090707MSEP9548.E2	07-JUL-2009	22:40:25.822
EGOI_090707SGEP8153.E2	07-JUL-2009	03:26:29.313
EGOI_090707SGEP8161.E2	07-JUL-2009	04:56:52.356
EGOI_090707SGEP8168.E2	07-JUL-2009	14:12:34.741
EGOI_090707SGEP8175.E2	07-JUL-2009	15:50:15.835

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	74308	07-JUL-2009	06:17:38.836	06:19:15.360	96.524000
KS	74309	07-JUL-2009	07:56:42.142	07:59:06.972	144.83000
KS	74310	07-JUL-2009	09:36:18.515	09:38:45.074	146.55900
KS	74311	07-JUL-2009	11:15:52.468	11:18:21.678	149.21000
KS	74312	07-JUL-2009	12:55:06.350	12:57:34.285	147.93500
KS	74313	07-JUL-2009	14:33:51.551	14:36:22.884	151.33300
KS	74314	07-JUL-2009	16:11:32.920	16:14:03.980	151.06000
KS	74315	07-JUL-2009	17:49:27.395	17:52:07.569	160.17400
KS	74316	07-JUL-2009	19:28:00.446	19:30:03.667	123.22100
KS	74317	07-JUL-2009	21:08:19.628	21:10:17.778	118.15000
KS	74318	07-JUL-2009	22:50:57.517	22:52:54.397	116.88000
GS	74305	07-JUL-2009	00:59:22.510	01:00:56.925	94.415000

GS	74306	07-JUL-2009	02:35:44.911	02:37:35.016	110.10500
GS	74307	07-JUL-2009	04:16:47.407	04:18:41.625	114.21800
MS	74311	07-JUL-2009	11:28:48.903	11:31:24.756	155.85300
MS	74311	07-JUL-2009	11:28:48.903	11:31:24.756	155.85300
MS	74312	07-JUL-2009	13:09:38.676	13:12:10.367	151.69100
MS	74318	07-JUL-2009	22:38:18.710	22:40:25.821	127.11100
MA	74310	07-JUL-2009	09:44:21.693	09:46:13.595	111.90200
MI	74306	07-JUL-2009	02:32:00.881	02:33:55.997	115.11600
MI	74307	07-JUL-2009	04:10:42.489	04:13:46.097	183.60800
MI	74313	07-JUL-2009	14:52:15.709	14:54:34.991	139.28200
MI	74314	07-JUL-2009	16:30:29.448	16:32:38.589	129.14100
SG	74306	07-JUL-2009	03:12:48.616	03:26:29.312	820.69600
SG	74307	07-JUL-2009	04:54:46.130	04:56:52.356	126.22600
SG	74312	07-JUL-2009	14:10:46.577	14:12:34.740	108.16300
SG	74313	07-JUL-2009	15:47:36.801	15:50:15.835	159.03400

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	74304	07-JUL-2009	00:14:45.794	00:26:02.047	676.25300
MM	74305	07-JUL-2009	01:56:58.465	02:06:18.133	559.66800
BE	74306	07-JUL-2009	03:01:42.567	03:15:07.687	805.12000
MM	74306	07-JUL-2009	03:39:58.873	03:46:57.544	418.67100
CM	74306	07-JUL-2009	02:34:54.761	02:38:21.304	206.54300
CM	74306	07-JUL-2009	04:09:07.663	04:21:32.308	744.64500
BE	74307	07-JUL-2009	04:42:19.349	04:51:45.910	566.56100
MM	74307	07-JUL-2009	05:22:46.471	05:28:32.955	346.48400
MM	74308	07-JUL-2009	07:04:16.430	07:11:24.345	427.91500
JO	74308	07-JUL-2009	06:44:57.803	06:55:21.825	624.02200
MM	74309	07-JUL-2009	08:44:53.315	08:54:22.571	569.25600
MA	74309	07-JUL-2009	08:06:33.523	08:16:14.156	580.63300
JO	74309	07-JUL-2009	08:21:20.668	08:36:21.353	900.68500
MM	74310	07-JUL-2009	10:25:08.085	10:36:30.732	682.64700
JO	74310	07-JUL-2009	10:05:02.945	10:12:16.293	433.34800
MM	74311	07-JUL-2009	12:05:08.968	12:17:34.181	745.21300
MA	74311	07-JUL-2009	11:25:28.498	11:33:40.287	491.78900

MM	74312	07-JUL-2009	13:44:55.915	13:57:39.708	763.79300
BE	74313	07-JUL-2009	14:18:21.870	14:31:44.317	802.44700
MM	74313	07-JUL-2009	15:24:27.057	15:37:05.308	758.25100
GS	74313	07-JUL-2009	14:45:34.825	14:56:23.624	648.79900
CM	74313	07-JUL-2009	14:58:35.377	15:01:02.733	147.35600
BE	74314	07-JUL-2009	16:02:00.164	16:08:31.294	391.13000
MM	74314	07-JUL-2009	17:03:42.544	17:16:14.168	751.62400
GS	74314	07-JUL-2009	16:24:31.018	16:38:13.528	822.51000
CM	74314	07-JUL-2009	16:33:06.538	16:45:30.047	743.50900
MM	74315	07-JUL-2009	18:42:50.537	18:55:26.639	756.10200
GS	74315	07-JUL-2009	18:05:14.209	18:14:04.352	530.14300
JO	74315	07-JUL-2009	19:05:16.277	19:12:58.634	462.35700
MM	74316	07-JUL-2009	20:22:09.643	20:34:53.473	763.83000
MA	74316	07-JUL-2009	19:24:22.865	19:33:29.826	546.96100
JO	74316	07-JUL-2009	20:41:24.194	20:56:25.440	901.24600
MM	74317	07-JUL-2009	22:02:03.479	22:14:36.686	753.20700
MA	74317	07-JUL-2009	21:00:04.102	21:13:37.209	813.10700
JO	74317	07-JUL-2009	22:22:29.863	22:32:38.838	608.97500
MM	74318	07-JUL-2009	23:42:51.702	23:54:34.333	702.63100
MA	74318	07-JUL-2009	22:45:40.978	22:50:13.001	272.02300

[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

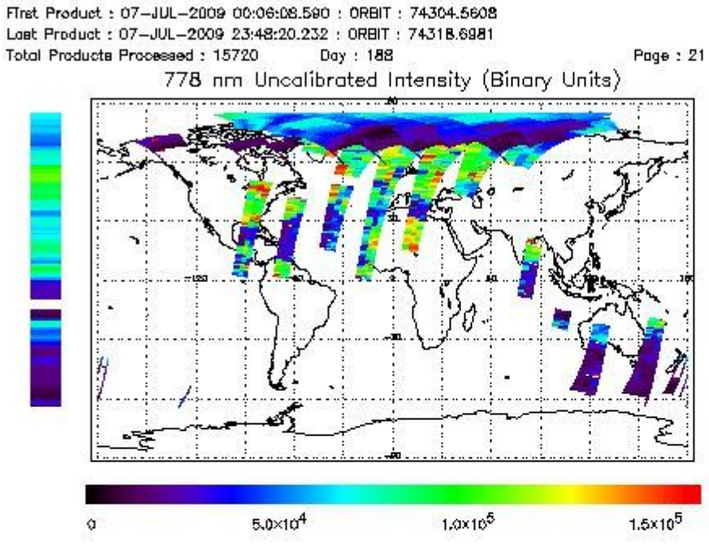
Integration Times Band 4	OK
Scan Mirror position	OK
Polarization Detectors	OK
FPA Temperatures A	OK
FPA Temperaturas B	OK
Charge Amp Temperatures	OK
Other Temperatures A	OK
DDHU Temperatures	OK
Optical Bench Temperatures	OK
Other Temperatures B	OK
Calibration Lamp and Instr. Status 3	OK
Scan Mirror and 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

(1)

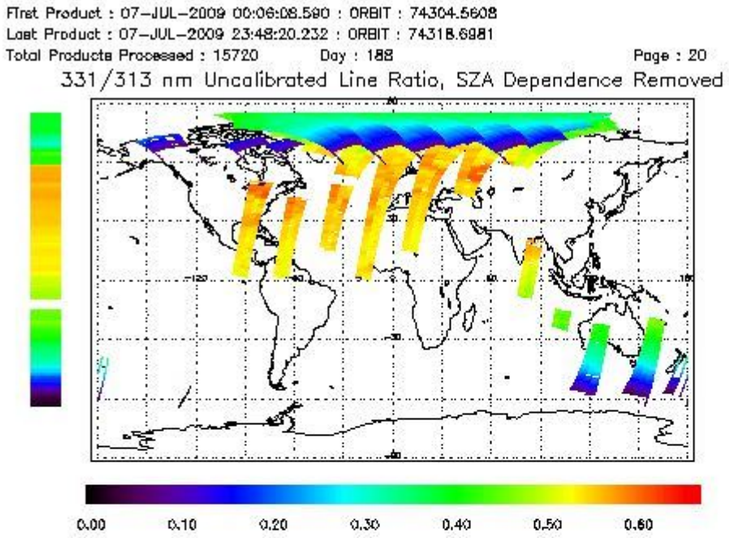
2.2 - Daily Plots

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

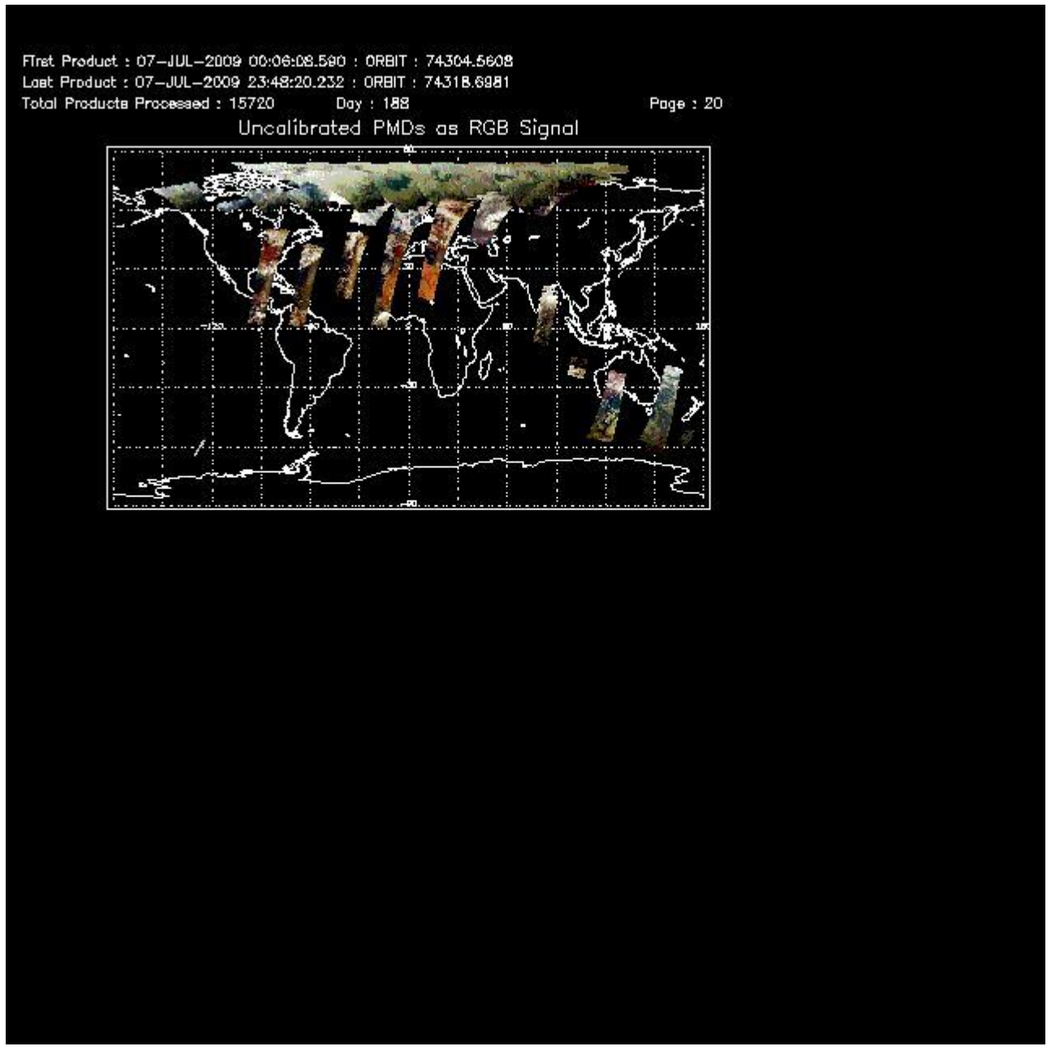
NEAR IR Intensity



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	17:53:12.077	--	74315	Y	--	14680

(2)(3)

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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(2)(3)

[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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(2)

4.2 - Instrument Off

Start Time	End Time	Start Orbit	Orbit End	MPS Resumption	Ground Station Visibility (Y/NS/NE)
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(2)

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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(2)

[BACK TO MENU]

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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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(2)

5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility (Y/NS/NE)
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(2)

5.3 - Power Cycle

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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(2)

5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
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(2)

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]

Legend:
(1) The Instrument Indicators field has the values: OK or NOK (Not OK)
(2) The Ground Station Visibility field has the values: Y (in case of visibility); NS (No Start); NE (No End). This occurs since the failure of the on-board recorder (2003)
(3) Solar/lamp calibration is carried out routinely or after an instrument switch-off or a power cycle (performed to reset the instrument when abnormal values are observed); in the latter cases the coolers are off and the temperature refers to the warm detectors