GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	13-JUN-2010
Start Time of First Product	00:35:40
Stop Time of Last Product	23:39:12
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_100613BEEP3017.E2	13-JUN-2010	04:26:37.364
EGOI_100613GSEP8399.E2	13-JUN-2010	02:20:06.594
EGOI_100613GSEP8429.E2	13-JUN-2010	04:00:16.204
EGOI_100613GSEP8439.E2	13-JUN-2010	05:54:00.398
EGOI_100613KSEP3188.E2	13-JUN-2010	07:40:50.555
EGOI_100613KSEP3209.E2	13-JUN-2010	09:20:49.657
EGOI_100613KSEP3233.E2	13-JUN-2010	11:00:27.767
EGOI_100613KSEP3262.E2	13-JUN-2010	12:39:44.878
EGOI_100613KSEP3290.E2	13-JUN-2010	14:18:39.480

EGOI_100613KSEP3307.E2	13-JUN-2010	15:56:28.075
EGOI_100613KSEP3334.E2	13-JUN-2010	17:34:24.174
EGOI_100613KSEP3366.E2	13-JUN-2010	19:12:14.272
EGOI_100613KSEP3397.E2	13-JUN-2010	20:52:05.879
EGOI_100613KSEP3424.E2	13-JUN-2010	22:34:11.001
EGOI_100613MAEP3275.E2	13-JUN-2010	09:28:10.703
EGOI_100613MAEP3283.E2	13-JUN-2010	11:08:08.312
EGOI_100613MMEP9829.E2	13-JUN-2010	01:39:51.348
EGOI_100613MMEP9836.E2	13-JUN-2010	03:22:29.473
EGOI_100613MMEP9843.E2	13-JUN-2010	05:05:04.598
EGOI_100613MMEP9854.E2	13-JUN-2010	10:08:34.954
EGOI_100613MMEP9861.E2	13-JUN-2010	11:48:56.565
EGOI_100613MMEP9870.E2	13-JUN-2010	13:28:30.171
EGOI_100613MMEP9877.E2	13-JUN-2010	15:08:02.277
EGOI_100613MMEP9884.E2	13-JUN-2010	20:06:20.600
EGOI_100613MMEP9894.E2	13-JUN-2010	21:46:42.212
EGOI_100613MMEP9902.E2	13-JUN-2010	23:26:29.322
EGOI_100613MSEP8732.E2	13-JUN-2010	00:35:35.961
EGOI_100613MSEP8753.E2	13-JUN-2010	11:13:36.847
EGOI_100613MSEP8778.E2	13-JUN-2010	12:53:32.960
EGOI_100613MSEP8810.E2	13-JUN-2010	22:22:52.935
EGOI_100613SGEP6263.E2	13-JUN-2010	02:57:48.825
EGOI_100613SGEP6271.E2	13-JUN-2010	04:37:35.930
EGOI_100613SGEP6277.E2	13-JUN-2010	13:56:27.343
EGOI_100613SGEP6285.E2	13-JUN-2010	15:32:14.426

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79190	13-JUN-2010	07:39:39.030	07:40:50.554	71.524000
KS	79191	13-JUN-2010	09:19:13.655	09:20:49.657	96.002000
KS	79192	13-JUN-2010	10:58:49.287	11:00:27.767	98.480000
KS	79193	13-JUN-2010	12:38:07.944	12:39:44.877	96.933000
KS	79194	13-JUN-2010	14:16:58.793	14:18:39.480	100.68700
KS	79195	13-JUN-2010	15:54:48.260	15:56:28.075	99.815000
KS	79196	13-JUN-2010	17:32:42.985	17:34:24.174	101.18900
KS	79197	13-JUN-2010	19:10:59.561	19:12:14.271	74.710000
KS	79198	13-JUN-2010	20:50:59.152	20:52:05.878	66.726000
KS	79199	13-JUN-2010	22:33:09.668	22:34:11.001	61.333000
GS	79188	13-JUN-2010	03:59:04.243	04:00:16.203	71.960000
MS	79186	13-JUN-2010	00:34:04.810	00:35:35.961	91.151000

MS	79192	13-JUN-2010	11:11:53.486	11:13:36.847	103.36100
MS	79193	13-JUN-2010	12:51:59.856	12:53:32.959	93.103000
MS	79199	13-JUN-2010	22:21:42.516	22:22:52.935	70.419000
MM	79197	13-JUN-2010	20:05:06.264	20:06:20.599	74.335000
MM	79198	13-JUN-2010	21:44:52.555	21:46:42.211	109.65600
BE	79188	13-JUN-2010	04:24:50.998	04:26:37.363	106.36500
SG	79187	13-JUN-2010	02:56:04.401	02:57:48.824	104.42300
SG	79188	13-JUN-2010	04:36:30.702	04:37:35.930	65.228000
SG	79194	13-JUN-2010	15:30:28.627	15:32:14.425	105.79800
SG	79194	13-JUN-2010	15:37:05.456	15:44:21.026	435.57000

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	79185	12-JUN-2010	23:46:41.147	00:01:06.908	865.76100
MM	79185	12-JUN-2010	23:57:20.932	00:08:52.222	691.29000
HO	79186	13-JUN-2010	01:27:36.482	01:39:37.588	721.10600
GS	79186	13-JUN-2010	00:43:25.573	00:51:35.803	490.23000
BE	79187	13-JUN-2010	02:44:42.660	02:58:01.417	798.75700
MI	79187	13-JUN-2010	02:15:51.661	02:25:58.084	606.42300
CM	79187	13-JUN-2010	03:52:10.772	04:04:29.723	738.95100
MI	79188	13-JUN-2010	03:53:18.517	04:06:21.638	783.12100
MM	79189	13-JUN-2010	06:46:57.543	06:53:43.505	405.96200
KS	79189	13-JUN-2010	06:00:56.057	06:06:04.013	307.95600
CM	79189	13-JUN-2010	05:35:14.636	05:40:19.320	304.68400
JO	79189	13-JUN-2010	06:29:27.687	06:37:19.849	472.16200
MM	79190	13-JUN-2010	08:27:40.463	08:36:46.100	545.63700
JO	79190	13-JUN-2010	08:04:21.442	08:19:19.693	898.25100
JO	79191	13-JUN-2010	09:46:18.586	09:56:38.898	620.31200
HO	79192	13-JUN-2010	11:57:24.818	12:10:38.136	793.31800
HO	79193	13-JUN-2010	13:36:22.914	13:50:57.621	874.70700
BE	79194	13-JUN-2010	14:01:18.841	14:14:42.897	804.05600
HO	79194	13-JUN-2010	15:17:38.211	15:25:29.830	471.61900
MI	79194	13-JUN-2010	14:36:13.807	14:44:29.669	495.86200
GS	79194	13-JUN-2010	14:28:54.356	14:39:54.514	660.15800
BE	79195	13-JUN-2010	15:43:23.803	15:52:33.439	549.63600

MM	79195	13-JUN-2010	16:46:42.498	16:59:14.565	752.06700
MI	79195	13-JUN-2010	16:13:18.837	16:26:35.050	796.21300
GS	79195	13-JUN-2010	16:07:25.545	16:21:19.627	834.08200
CM	79195	13-JUN-2010	16:16:07.373	16:28:28.680	741.30700
MM	79196	13-JUN-2010	18:25:50.730	18:38:25.368	754.63800
MI	79196	13-JUN-2010	17:57:47.009	17:58:53.167	66.158000
GS	79196	13-JUN-2010	17:47:47.677	17:58:01.923	614.24600
CM	79196	13-JUN-2010	17:58:21.429	18:03:46.810	325.38100
MA	79197	13-JUN-2010	19:08:33.314	19:15:54.622	441.30800
JO	79197	13-JUN-2010	20:24:28.115	20:39:17.290	889.17500
MA	79198	13-JUN-2010	20:42:54.085	20:56:36.207	822.12200
JO	79198	13-JUN-2010	22:04:47.372	22:16:43.867	716.49500
HO	79199	13-JUN-2010	23:15:43.074	23:29:47.270	844.19600
MA	79199	13-JUN-2010	22:26:36.304	22:34:29.669	473.36500

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

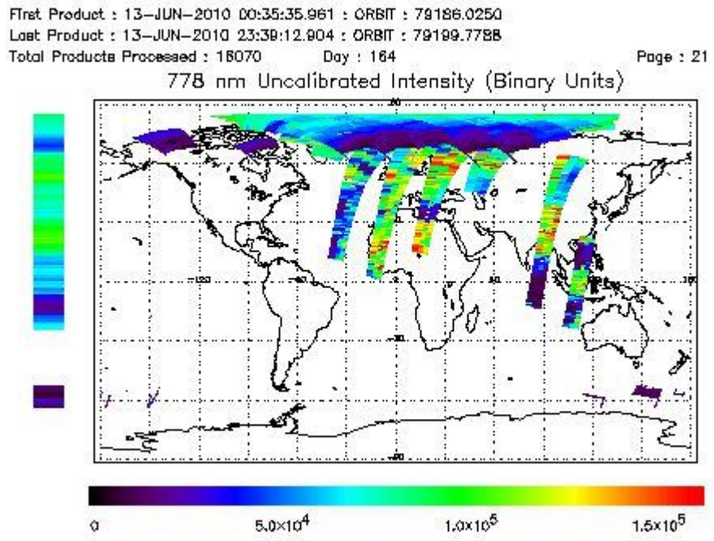
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

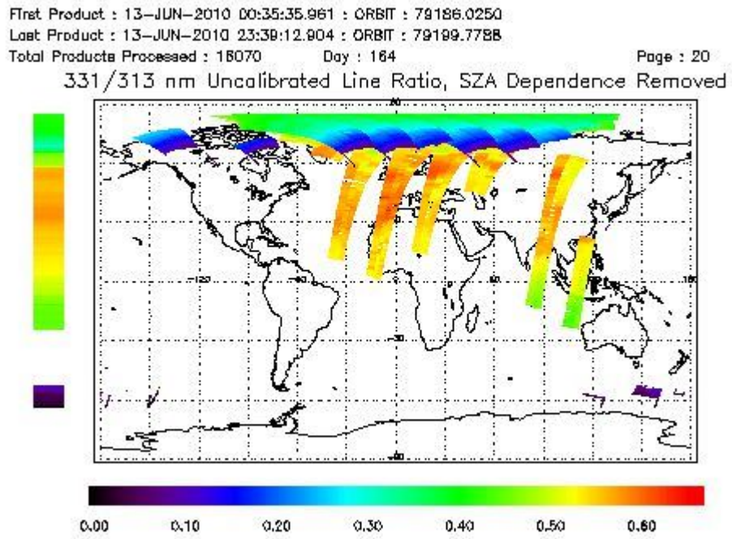
2.2 - Daily Plots

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

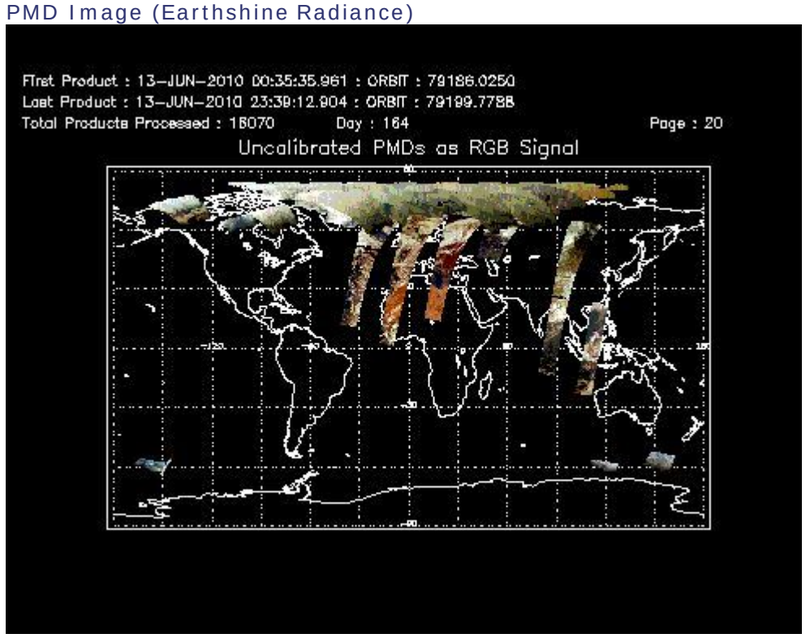
NEAR IR Intensity



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	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	19:15:39.787	--	79197	Yes	--	14350

3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(Q)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility	Warm Detector Temperature (TST/44)	Lamp Instability Voltage (if any)(V)	Lamp Failure N. (if any)
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(1)

[BACK TO MENU]

4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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4.2 - Instrument Off

Start Time	End Time	Start Orbit	End Orbit	MPS Resumption	Ground Station Visibility
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4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility	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

Additional Info

5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility
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5.3 - Power Cycle

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	End Orbit	Ground Station Visibility
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5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	End Orbit
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5.6 - **Seasonal Operations**

Start Time	End Time	Start Orbit	End Orbit
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[BACK TO MENU]

(1) The 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