GOME Daily Report

INDEX

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	26-FEB-2010
Start Time of First Product	23:57:05 (25-Feb)
Stop Time of Last Product	23:49:20
Number of EGOI Products analysed	45
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100226BEEP2017.E2	26-FEB-2010	02:10:25.229
EGOI_100226BEEP2023.E2	26-FEB-2010	03:49:37.840
EGOI_100226CMEP6834.E2	26-FEB-2010	03:20:01.655
EGOI_100226CMEP6839.E2	26-FEB-2010	03:20:01.655
EGOI_100226CMEP6845.E2	26-FEB-2010	15:40:57.199
EGOI_100226CMEP6851.E2	26-FEB-2010	17:20:14.315
EGOI_100226GSEP0569.E2	26-FEB-2010	01:44:13.072
EGOI_100226GSEP0598.E2	26-FEB-2010	03:22:43.671
EGOI_100226GSEP0608.E2	26-FEB-2010	05:05:48.806

EGOI_100226HLEP5115.E2	26-FEB-2010	22:41:49.283
EGOI_100226KSEP7643.E2	26-FEB-2010	07:04:16.533
EGOI_100226KSEP7663.E2	26-FEB-2010	08:44:15.644
EGOI_100226KSEP7693.E2	26-FEB-2010	10:23:55.255
EGOI_100226KSEP7718.E2	26-FEB-2010	12:03:25.867
EGOI_100226KSEP7738.E2	26-FEB-2010	13:42:21.975
EGOI_100226KSEP7766.E2	26-FEB-2010	15:20:58.582
EGOI_100226KSEP7798.E2	26-FEB-2010	16:58:24.678
EGOI_100226KSEP7833.E2	26-FEB-2010	18:36:22.278
EGOI_100226KSEP7862.E2	26-FEB-2010	20:15:12.385
EGOI_100226KSEP7892.E2	26-FEB-2010	21:56:28.009
EGOI_100226KSEP7918.E2	26-FEB-2010	23:40:21.148
EGOI_100226MAEP9307.E2	26-FEB-2010	08:51:47.191
EGOI_100226MAEP9323.E2	26-FEB-2010	10:31:17.802
EGOI_100226MAEP9342.E2	26-FEB-2010	20:08:36.346
EGOI_100226MIEP4484.E2	26-FEB-2010	01:44:26.572
EGOI_100226MIEP4508.E2	26-FEB-2010	03:18:12.144
EGOI_100226MIEP4531.E2	26-FEB-2010	05:00:29.270
EGOI_100226MIEP4548.E2	26-FEB-2010	15:38:24.184
EGOI_100226MIEP4572.E2	26-FEB-2010	17:18:57.807
EGOI_100226MMEP4570.E2	26-FEB-2010	01:01:51.806
EGOI_100226MMEP4576.E2	26-FEB-2010	02:44:43.440
EGOI_100226MMEP4583.E2	26-FEB-2010	04:27:26.071
EGOI_100226MMEP4590.E2	26-FEB-2010	06:09:41.697
EGOI_100226MMEP4599.E2	26-FEB-2010	11:12:00.050
EGOI_100226MMEP4608.E2	26-FEB-2010	16:11:04.884
EGOI_100226MMEP4617.E2	26-FEB-2010	21:09:21.719
EGOI_100226MMEP4624.E2	26-FEB-2010	22:49:16.330
EGOI_100226MSEP6361.E2	25-FEB-2010	23:57:04.910
EGOI_100226MSEP6383.E2	26-FEB-2010	10:38:04.342
EGOI_100226MSEP6412.E2	26-FEB-2010	12:16:34.945
EGOI_100226MSEP6440.E2	26-FEB-2010	21:47:56.454
EGOI_100226MSEP6472.E2	26-FEB-2010	23:25:19.554
EGOI_100226SGEP3942.E2	26-FEB-2010	02:22:23.803
EGOI_100226SGEP3950.E2	26-FEB-2010	04:00:13.906
EGOI_100226SGEP3957.E2	26-FEB-2010	14:57:58.441
EGOI_100226SGEP3962.E2	26-FEB-2010	16:36:41.045

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	77658	26-FEB-2010	07:02:46.139	07:04:16.533	90.394000
KS	77659	26-FEB-2010	08:42:13.254	08:44:15.643	122.38900
KS	77660	26-FEB-2010	10:21:50.825	10:23:55.254	124.42900

KS	77661	26-FEB-2010	12:01:17.870	12:03:25.867	127.99700
KS	77662	26-FEB-2010	13:40:16.118	13:42:21.975	125.85700
KS	77663	26-FEB-2010	15:18:30.489	15:20:58.582	148.09300
KS	77664	26-FEB-2010	16:56:11.973	16:58:24.678	132.70500
KS	77665	26-FEB-2010	18:34:16.738	18:36:22.277	125.53900
KS	77666	26-FEB-2010	20:13:37.578	20:15:12.384	94.806000
KS	77667	26-FEB-2010	21:54:54.465	21:56:28.008	93.543000
KS	77668	26-FEB-2010	23:38:58.616	23:40:21.148	82.532000
GS	77655	26-FEB-2010	01:42:50.095	01:44:13.072	82.977000
GS	77656	26-FEB-2010	03:21:18.244	03:22:43.670	85.426000
MS	77654	25-FEB-2010	23:55:18.550	23:57:04.910	106.36000
MS	77660	26-FEB-2010	10:35:51.966	10:38:04.341	132.37500
MS	77661	26-FEB-2010	12:14:24.035	12:16:34.945	130.91000
MS	77668	26-FEB-2010	23:23:29.060	23:25:19.554	110.49400
MA	77660	26-FEB-2010	10:29:51.977	10:31:17.801	85.824000
MA	77666	26-FEB-2010	20:06:25.509	20:08:36.346	130.83700
MI	77655	26-FEB-2010	01:43:03.305	01:44:26.572	83.267000
MI	77663	26-FEB-2010	15:36:31.191	15:38:24.184	112.99300
MI	77664	26-FEB-2010	17:17:02.504	17:18:57.807	115.30300
MM	77660	26-FEB-2010	11:10:52.991	11:12:00.050	67.059000
MM	77663	26-FEB-2010	16:09:51.275	16:11:04.883	73.608000
MM	77666	26-FEB-2010	21:07:44.025	21:09:21.719	97.694000
MM	77667	26-FEB-2010	22:48:00.730	22:49:16.329	75.599000
BE	77655	26-FEB-2010	02:08:10.115	02:10:25.228	135.11300
BE	77656	26-FEB-2010	03:47:22.062	03:49:37.839	135.77700
SG	77655	26-FEB-2010	02:20:41.208	02:22:23.803	102.59500
SG	77656	26-FEB-2010	03:58:21.751	04:00:13.905	112.15400
SG	77662	26-FEB-2010	14:53:59.840	14:57:58.440	238.60000
SG	77663	26-FEB-2010	16:34:24.469	16:36:41.044	136.57500
CM	77656	26-FEB-2010	03:16:14.249	03:20:01.654	227.40500
CM	77656	26-FEB-2010	03:22:00.165	03:26:58.913	298.74800
CM	77656	26-FEB-2010	03:16:14.249	03:20:01.654	227.40500
CM	77656	26-FEB-2010	03:22:00.165	03:26:58.913	298.74800
CM	77663	26-FEB-2010	15:39:57.084	15:40:57.199	60.115000
CM	77664	26-FEB-2010	17:19:14.230	17:20:14.315	60.085000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	77654	26-FEB-2010	00:49:31.323	01:03:24.490	833.16700
KS	77654	26-FEB-2010	00:12:47.624	00:16:50.240	242.61600
MM	77658	26-FEB-2010	07:50:20.133	07:58:32.552	492.41900
JO	77658	26-FEB-2010	07:28:08.445	07:42:04.944	836.49900
MM	77659	26-FEB-2010	09:30:44.854	09:41:11.806	626.95200
JO	77659	26-FEB-2010	09:07:30.632	09:21:11.852	821.22000
HO	77660	26-FEB-2010	11:21:21.068	11:31:59.542	638.47400
HO	77661	26-FEB-2010	12:59:23.289	13:14:12.703	889.41400
MM	77661	26-FEB-2010	12:50:47.693	13:03:25.858	758.16500
HO	77662	26-FEB-2010	14:39:42.819	14:50:47.518	664.69900
MM	77662	26-FEB-2010	14:30:27.643	14:43:10.440	762.79700
SG	77662	26-FEB-2010	14:53:59.840	15:07:12.234	792.39400
BE	77663	26-FEB-2010	15:04:37.741	15:16:44.136	726.39500
GS	77663	26-FEB-2010	15:30:33.224	15:44:16.326	823.10200
MM	77664	26-FEB-2010	17:49:01.664	18:01:33.957	752.29300
GS	77664	26-FEB-2010	17:10:18.414	17:22:39.845	741.43100
MM	77665	26-FEB-2010	19:28:11.890	19:40:52.269	760.37900
JO	77665	26-FEB-2010	19:48:13.192	20:01:30.712	797.52000
JO	77666	26-FEB-2010	21:27:04.190	21:41:17.419	853.22900
HO	77667	26-FEB-2010	22:39:46.746	22:52:34.710	767.96400
MA	77667	26-FEB-2010	21:47:01.222	21:58:48.510	707.28800

[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

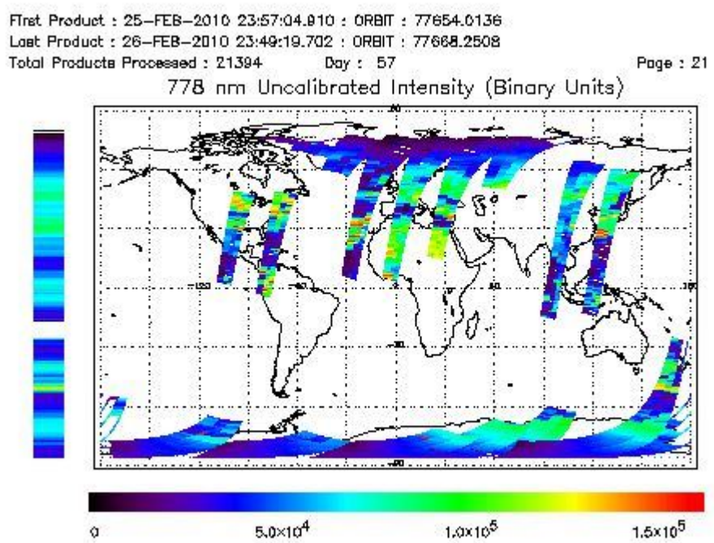
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK

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

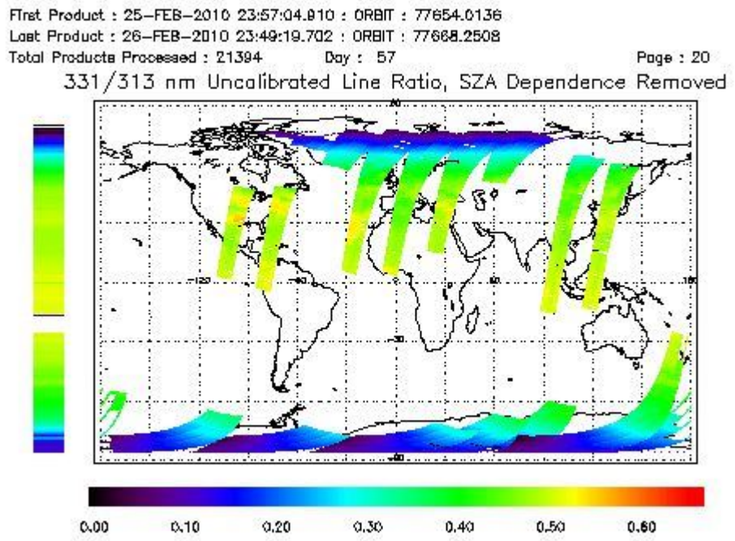
2.2 - Daily Plots

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

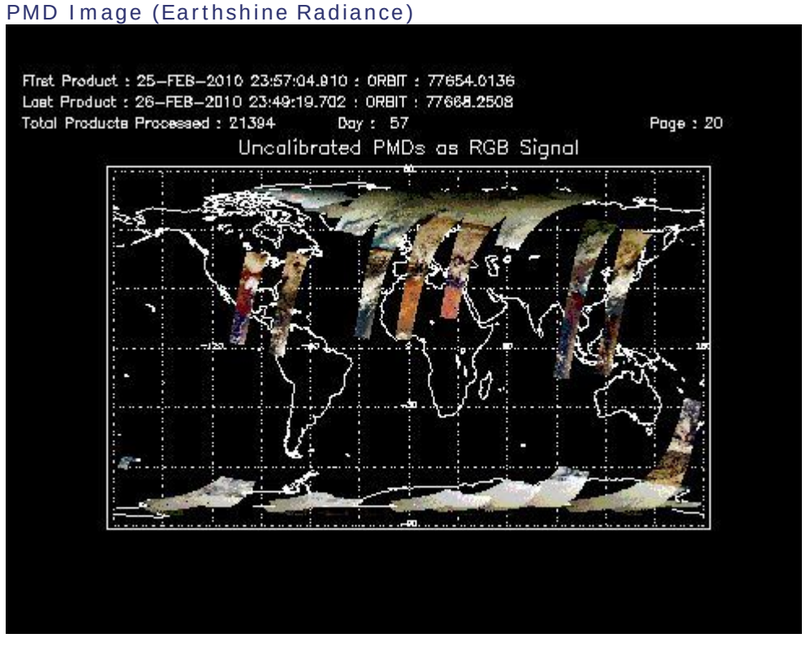
NEAR IR Intensity



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	15:26:48.117	--	77663	Yes	--	15469

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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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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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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(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