

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	26-NOV-2010
Start Time of First Product	00:18:12
Stop Time of Last Product	22:30:13
Number of EGOI Products analysed	29
Number of corrupted products	--
Anomalies and/or Special Operations	no solar calibration measurements available due to the execution of an ERS2 orbit manoeuvre

### 1.2 - List of received products

Name	Date	Time
EGOI_101126CMEP2071.E2	26-NOV-2010	03:37:10.681
EGOI_101126CMEP2080.E2	26-NOV-2010	05:17:32.300
EGOI_101126CMEP2090.E2	26-NOV-2010	16:00:48.295
EGOI_101126CMEP2099.E2	26-NOV-2010	17:41:21.918
EGOI_101126KSEP3049.E2	26-NOV-2010	07:24:30.094
EGOI_101126KSEP3068.E2	26-NOV-2010	09:04:38.210
EGOI_101126KSEP3091.E2	26-NOV-2010	10:44:17.830
EGOI_101126KSEP3112.E2	26-NOV-2010	12:23:39.446
EGOI_101126KSEP3124.E2	26-NOV-2010	14:02:37.061

EGOI_101126KSEP3148.E2	26-NOV-2010	15:40:42.166
EGOI_101126KSEP3165.E2	26-NOV-2010	17:18:27.773
EGOI_101126KSEP3195.E2	26-NOV-2010	18:56:14.877
EGOI_101126KSEP3226.E2	26-NOV-2010	20:35:51.497
EGOI_101126KSEP3254.E2	26-NOV-2010	22:17:38.625
EGOI_101126MAEP0163.E2	26-NOV-2010	09:11:57.756
EGOI_101126MAEP0179.E2	26-NOV-2010	10:51:31.372
EGOI_101126MAEP0199.E2	26-NOV-2010	22:09:35.578
EGOI_101126MIEP6214.E2	26-NOV-2010	02:02:19.097
EGOI_101126MIEP6243.E2	26-NOV-2010	03:38:42.189
EGOI_101126MIEP6260.E2	26-NOV-2010	05:23:42.843
EGOI_101126MIEP6270.E2	26-NOV-2010	16:08:06.338
EGOI_101126MIEP6284.E2	26-NOV-2010	17:43:57.934
EGOI_101126MSEP7840.E2	26-NOV-2010	00:18:12.447
EGOI_101126MSEP7870.E2	26-NOV-2010	10:57:38.910
EGOI_101126MSEP7892.E2	26-NOV-2010	12:37:00.529
EGOI_101126MSEP7918.E2	26-NOV-2010	22:07:08.562
EGOI_101126SGEP9689.E2	26-NOV-2010	04:28:56.002
EGOI_101126SGEP9697.E2	26-NOV-2010	15:15:55.517
EGOI_101126SGEP9704.E2	26-NOV-2010	16:58:20.148

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### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	81566	26-NOV-2010	07:22:36.882	07:24:30.093	113.21100
KS	81567	26-NOV-2010	09:02:08.794	09:04:38.209	149.41500
KS	81568	26-NOV-2010	10:41:45.616	10:44:17.829	152.21300
KS	81569	26-NOV-2010	12:21:08.468	12:23:39.446	150.97800
KS	81570	26-NOV-2010	14:00:02.227	14:02:37.060	154.83300
KS	81571	26-NOV-2010	15:38:03.116	15:40:42.166	159.05000
KS	81572	26-NOV-2010	17:15:52.305	17:18:27.773	155.46800
KS	81573	26-NOV-2010	18:54:01.406	18:56:14.877	133.47100
KS	81574	26-NOV-2010	20:33:42.478	20:35:51.497	129.01900
KS	81575	26-NOV-2010	22:15:27.382	22:17:38.625	131.24300
MS	81562	26-NOV-2010	00:15:58.651	00:18:12.446	133.79500
MS	81568	26-NOV-2010	10:55:03.360	10:57:38.909	155.54900
MS	81569	26-NOV-2010	12:34:29.074	12:37:00.529	151.45500
MS	81575	26-NOV-2010	22:05:19.135	22:07:08.561	109.42600
MS	81576	26-NOV-2010	23:43:39.330	23:45:58.677	139.34700
MA	81568	26-NOV-2010	10:49:55.177	10:51:31.372	96.195000

MA	81575	26-NOV-2010	22:08:21.727	22:09:35.577	73.850000
MI	81563	26-NOV-2010	02:00:06.475	02:02:19.096	132.62100
MI	81564	26-NOV-2010	03:36:07.043	03:38:42.189	155.14600
MI	81571	26-NOV-2010	15:56:15.542	16:08:06.338	710.79600
MI	81572	26-NOV-2010	17:38:02.796	17:43:57.933	355.13700
SG	81564	26-NOV-2010	04:18:44.347	04:28:56.002	611.65500
SG	81570	26-NOV-2010	15:13:31.605	15:15:55.516	143.91100
SG	81571	26-NOV-2010	16:55:47.670	16:58:20.147	152.47700
CM	81565	26-NOV-2010	05:16:24.642	05:17:32.299	67.657000
CM	81571	26-NOV-2010	15:59:18.442	16:00:48.295	89.853000
CM	81572	26-NOV-2010	17:39:57.496	17:41:21.918	84.422000

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#### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	81562	26-NOV-2010	01:09:53.596	01:22:58.577	784.98100
MM	81562	26-NOV-2010	01:21:48.925	01:31:53.601	604.67600
BE	81563	26-NOV-2010	02:27:47.390	02:40:45.646	778.25600
MM	81563	26-NOV-2010	03:04:37.147	03:12:22.928	465.78100
GS	81563	26-NOV-2010	02:02:10.723	02:15:20.026	789.30300
SG	81563	26-NOV-2010	02:39:33.719	02:51:50.759	737.04000
CM	81563	26-NOV-2010	03:35:26.862	03:47:17.371	710.50900
BE	81564	26-NOV-2010	04:07:29.941	04:19:17.898	707.95700
MM	81564	26-NOV-2010	04:47:38.914	04:53:33.726	354.81200
GS	81564	26-NOV-2010	03:41:32.710	03:54:43.764	791.05400
MM	81565	26-NOV-2010	06:29:36.891	06:36:03.220	386.32900
MM	81566	26-NOV-2010	08:10:26.931	08:19:08.231	521.30000
JO	81566	26-NOV-2010	07:47:32.308	08:02:11.958	879.65000
MM	81567	26-NOV-2010	09:50:47.586	10:01:36.803	649.21700
JO	81567	26-NOV-2010	09:28:12.125	09:40:27.176	735.05100
MM	81568	26-NOV-2010	11:30:53.021	11:43:02.446	729.42500
MM	81569	26-NOV-2010	13:10:44.927	13:23:26.238	761.31100
HO	81570	26-NOV-2010	15:00:05.206	15:09:12.159	546.95300
MM	81570	26-NOV-2010	14:50:21.691	15:03:03.047	761.35600
MI	81570	26-NOV-2010	14:21:14.638	14:25:08.232	233.59400
GS	81570	26-NOV-2010	14:12:25.205	14:21:48.931	563.72600

SG	81570	26-NOV-2010	15:13:31.605	15:27:18.842	827.23700
BE	81571	26-NOV-2010	15:25:19.501	15:36:09.120	649.61900
MM	81571	26-NOV-2010	16:29:42.149	16:42:15.013	752.86400
GS	81571	26-NOV-2010	15:50:22.745	16:04:18.106	835.36100
MM	81572	26-NOV-2010	18:08:51.114	18:21:24.504	753.39000
GS	81572	26-NOV-2010	17:30:27.137	17:41:48.043	680.90600
MM	81573	26-NOV-2010	19:48:03.792	20:00:45.818	762.02600
MA	81573	26-NOV-2010	18:53:07.928	18:57:26.266	258.33800
JO	81573	26-NOV-2010	20:07:39.149	20:21:58.386	859.23700
MM	81574	26-NOV-2010	21:27:43.164	21:40:23.555	760.39100
MA	81574	26-NOV-2010	20:25:59.228	20:39:45.064	825.83600
JO	81574	26-NOV-2010	21:47:17.716	22:00:30.489	792.77300
HO	81575	26-NOV-2010	22:59:14.271	23:12:37.772	803.50100
MM	81575	26-NOV-2010	23:08:11.003	23:20:16.492	725.48900

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## 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

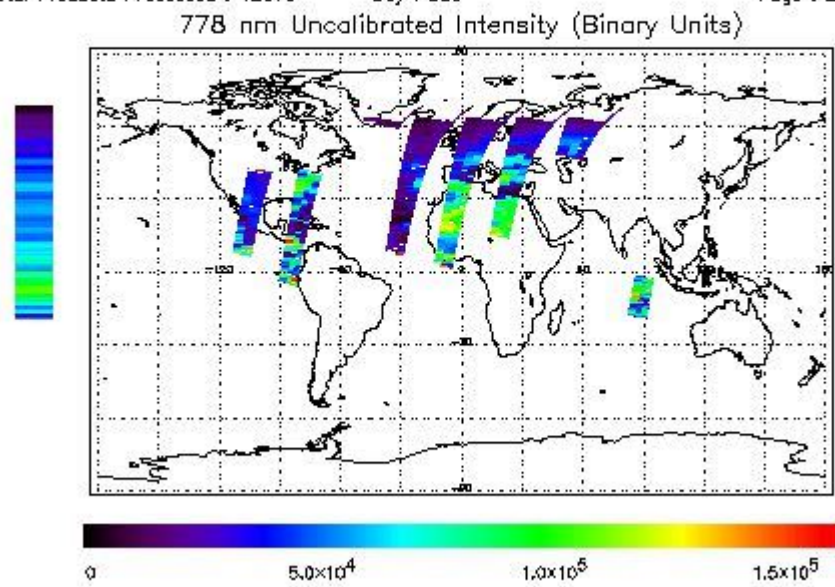
Other Temperatures B	OK
Calibration Lamp and Instr. Status 3	OK
Scan Mirror and Motor Current	OK
Selected Temperature A	OK
Selected Temperature B	OK
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs 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 explanation see the [GOME Performance Legend](#)

### NEAR IR Intensity

First Product : 26-NOV-2010 00:18:12.447 : ORBIT : 81562.0236  
 Last Product : 26-NOV-2010 22:30:13.203 : ORBIT : 81575.2644  
 Total Products Processed : 12975 Day : 330 Page : 21



### Ozone Line Ratio

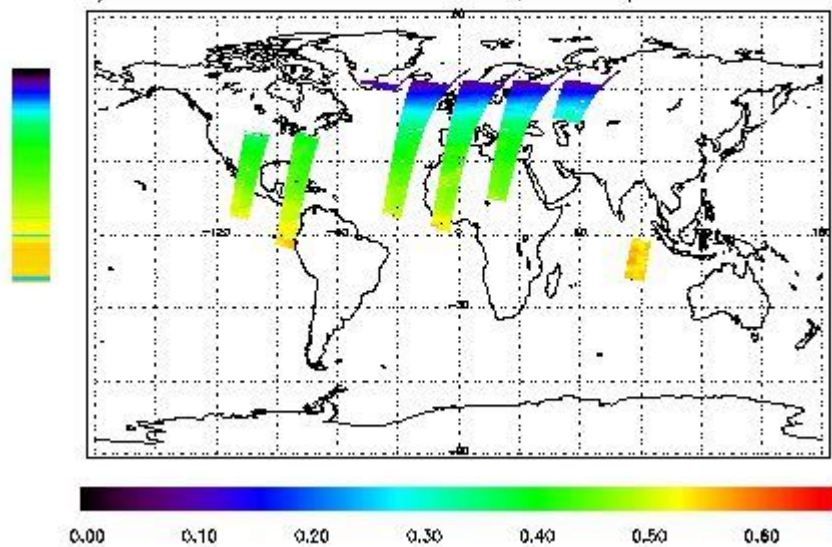
First Product : 26-NOV-2010 00:18:12.447 : ORBIT : 81562.0236

Last Product : 26-NOV-2010 22:30:13.203 : ORBIT : 81575.2644

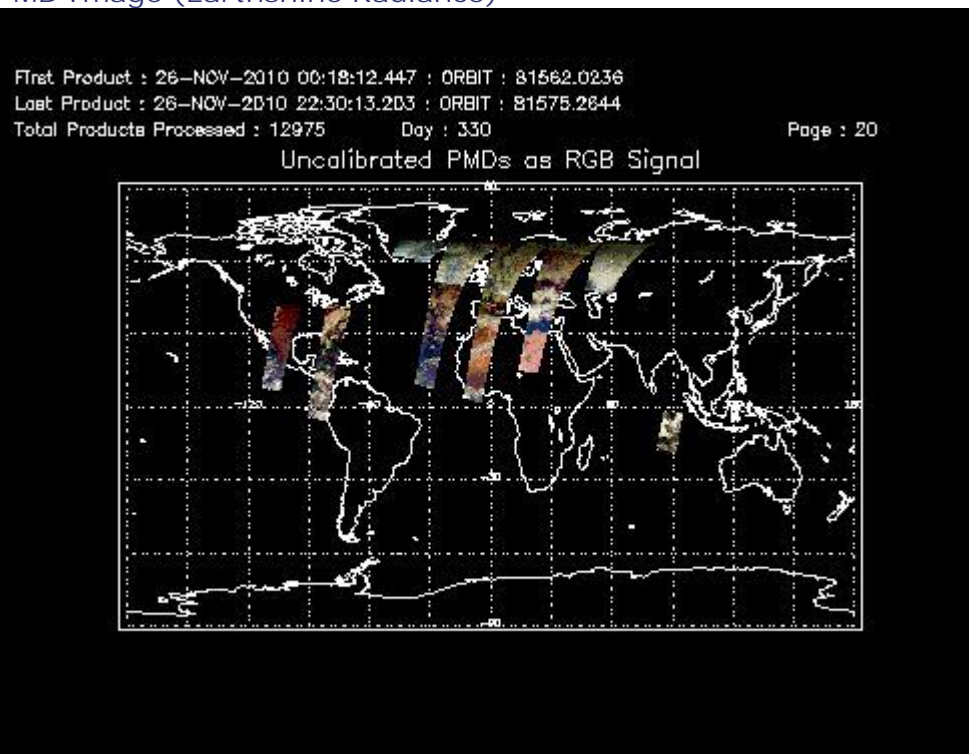
Total Products Processed : 12975 Day : 330

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331/313 nm Uncalibrated Line Ratio, SZA Dependence Removed



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)
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#### 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
--	--	--	--	--

### 5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility
--	--	--

### 5.3 - Power Cycle

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

### 5.4 - Wrong Command Execution

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

### 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