

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	03-JAN-2010
Start Time of First Product	02:26:38
Stop Time of Last Product	23:46:47
Number of EGOI Products analysed	19
Number of corrupted products	0
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
OI_100103BEEP1550.E2;1	03-JAN-2010	03:47:18.022
EGOI_100103KSEP2963.E2	03-JAN-2010	07:01:44.720
EGOI_100103KSEP2985.E2	03-JAN-2010	08:41:43.840
EGOI_100103KSEP3009.E2	03-JAN-2010	10:21:23.456
EGOI_100103KSEP3034.E2	03-JAN-2010	12:00:54.072
EGOI_100103KSEP3050.E2	03-JAN-2010	13:39:50.181
EGOI_100103KSEP3078.E2	03-JAN-2010	15:18:29.793
EGOI_100103KSEP3110.E2	03-JAN-2010	16:55:57.393
EGOI_100103KSEP3145.E2	03-JAN-2010	18:33:53.501

EGOI_100103KSEP3180.E2	03-JAN-2010	20:12:42.109
EGOI_100103KSEP3211.E2	03-JAN-2010	21:53:51.737
EGOI_100103KSEP3237.E2	03-JAN-2010	23:37:25.376
EGOI_100103MAEP7479.E2	03-JAN-2010	08:49:12.359
EGOI_100103MAEP7491.E2	03-JAN-2010	10:28:48.974
EGOI_100103MAEP7514.E2	03-JAN-2010	20:06:07.565
EGOI_100103MIEP9350.E2	03-JAN-2010	03:15:46.323
EGOI_100103MIEP9375.E2	03-JAN-2010	04:57:37.957
EGOI_100103SGEP2654.E2	03-JAN-2010	02:26:38.521
EGOI_100103SGEP2661.E2	03-JAN-2010	04:08:22.648

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### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
SG	76882	03-JAN-2010	02:18:02.261	02:26:38.520	516.25900
SG	76883	03-JAN-2010	03:55:28.579	04:08:22.648	774.06900

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### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	76881	03-JAN-2010	00:46:36.604	01:00:36.378	839.77400
MM	76881	03-JAN-2010	00:58:26.435	01:08:58.399	631.96400
MS	76881	02-JAN-2010	23:52:23.173	00:04:55.788	752.61500
KS	76881	03-JAN-2010	00:09:39.762	00:14:06.319	266.55700
BE	76882	03-JAN-2010	02:05:22.705	02:17:27.972	725.26700
MM	76882	03-JAN-2010	02:41:03.672	02:49:22.448	498.77600
GS	76882	03-JAN-2010	01:40:05.194	01:52:23.675	738.48100
BE	76883	03-JAN-2010	03:44:30.009	03:57:14.134	764.12500
MM	76883	03-JAN-2010	04:24:08.952	04:30:20.075	371.12300
MI	76883	03-JAN-2010	03:13:29.455	03:26:45.304	795.84900
GS	76883	03-JAN-2010	03:18:25.734	03:32:09.934	824.20000
CM	76883	03-JAN-2010	03:13:31.520	03:24:03.357	631.83700
CM	76883	03-JAN-2010	04:52:28.905	05:03:21.851	652.94600
MM	76884	03-JAN-2010	06:06:26.113	06:12:31.248	365.13500
MI	76884	03-JAN-2010	04:55:32.516	05:03:52.184	499.66800
MM	76885	03-JAN-2010	07:47:27.633	07:55:35.915	488.28200
KS	76885	03-JAN-2010	06:59:56.239	07:09:22.303	566.06400
JO	76885	03-JAN-2010	07:25:23.458	07:39:11.747	828.28900

MM	76886	03-JAN-2010	09:27:52.986	09:38:16.599	623.61300
KS	76886	03-JAN-2010	08:39:22.483	08:52:30.198	787.71500
MA	76886	03-JAN-2010	08:47:50.089	09:00:12.839	742.75000
JO	76886	03-JAN-2010	09:04:35.003	09:18:25.464	830.46100
HO	76887	03-JAN-2010	11:18:38.841	11:28:55.493	616.65200
MM	76887	03-JAN-2010	11:08:01.515	11:19:57.216	715.70100
KS	76887	03-JAN-2010	10:19:00.104	10:32:59.746	839.64200
MA	76887	03-JAN-2010	10:27:01.875	10:39:07.106	725.23100
MS	76887	03-JAN-2010	10:33:07.042	10:43:44.824	637.78200
HO	76888	03-JAN-2010	12:56:33.148	13:11:22.585	889.43700
MM	76888	03-JAN-2010	12:47:56.610	13:00:34.210	757.60000
KS	76888	03-JAN-2010	11:58:27.687	12:11:47.241	799.55400
MS	76888	03-JAN-2010	12:11:30.016	12:24:22.825	772.80900
HO	76889	03-JAN-2010	14:36:49.153	14:48:20.781	691.62800
MM	76889	03-JAN-2010	14:27:37.009	14:40:19.974	762.96500
KS	76889	03-JAN-2010	13:37:27.033	13:49:36.710	729.67700
SG	76889	03-JAN-2010	14:51:13.873	15:04:18.529	784.65600
BE	76890	03-JAN-2010	15:01:41.927	15:13:56.694	734.76700
MM	76890	03-JAN-2010	16:07:01.104	16:19:35.515	754.41100
MI	76890	03-JAN-2010	15:33:42.904	15:46:45.389	782.48500
KS	76890	03-JAN-2010	15:15:45.518	15:27:25.913	700.39500
GS	76890	03-JAN-2010	15:27:43.661	15:41:23.723	820.06200
SG	76890	03-JAN-2010	16:31:25.164	16:42:19.938	654.77400
CM	76890	03-JAN-2010	15:37:12.911	15:47:51.460	638.54900
MM	76891	03-JAN-2010	17:46:11.743	17:58:43.916	752.17300
MI	76891	03-JAN-2010	17:14:05.273	17:24:13.994	608.72100
KS	76891	03-JAN-2010	16:53:24.457	17:05:56.650	752.19300
GS	76891	03-JAN-2010	17:07:26.117	17:19:54.854	748.73700
CM	76891	03-JAN-2010	17:16:18.725	17:27:04.860	646.13500
MM	76892	03-JAN-2010	19:25:21.695	19:38:01.817	760.12200
KS	76892	03-JAN-2010	18:31:27.762	18:45:07.879	820.11700
JO	76892	03-JAN-2010	19:45:27.843	19:58:33.730	785.88700
MM	76893	03-JAN-2010	21:04:52.870	21:17:35.790	762.92000
MA	76893	03-JAN-2010	20:03:38.754	20:17:06.451	807.69700
KS	76893	03-JAN-2010	20:10:45.834	20:24:40.792	834.95800
JO	76893	03-JAN-2010	21:24:11.634	21:38:31.366	859.73200

HO	76894	03-JAN-2010	22:37:02.665	22:49:42.877	760.21200
MM	76894	03-JAN-2010	22:45:08.037	22:57:25.450	737.41300
MA	76894	03-JAN-2010	21:43:49.478	21:56:01.369	731.89100
KS	76894	03-JAN-2010	21:51:58.867	22:04:17.749	738.88200
MS	76895	03-JAN-2010	23:20:37.433	23:33:59.926	802.49300
KS	76895	03-JAN-2010	23:35:56.765	23:43:27.865	451.10000

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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

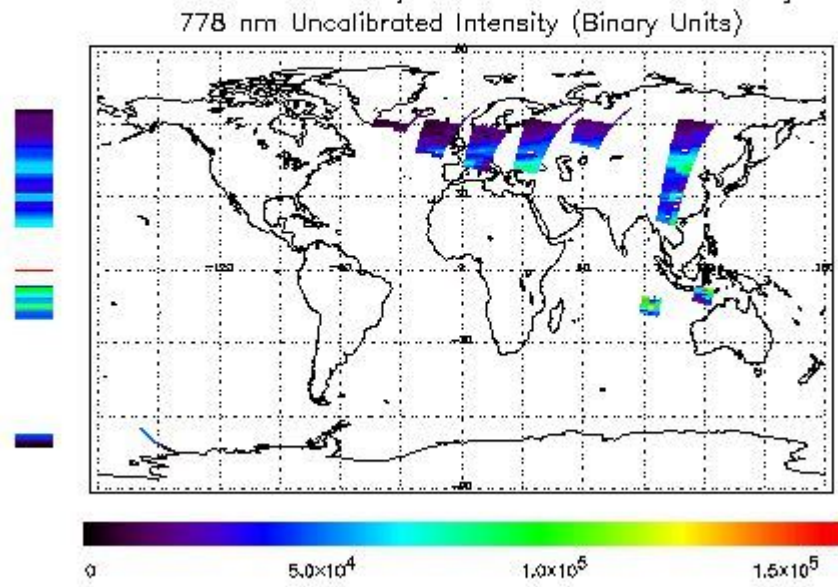
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

## 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](#)

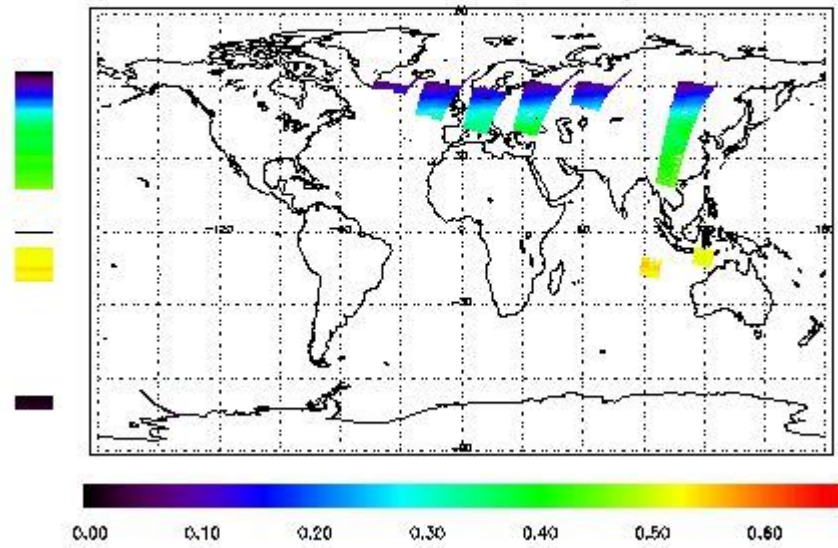
### NEAR IR Intensity

First Product : 03-JAN-2010 02:26:38.521 : ORBIT : 76882.5289  
 Last Product : 03-JAN-2010 23:46:47.930 : ORBIT : 76895.2542  
 Total Products Processed : 7251 Day : 3 Page : 21



### Ozone Line Ratio

First Product : 03-JAN-2010 02:26:38.521 : ORBIT : 76882.5289  
 Last Product : 03-JAN-2010 23:46:47.930 : ORBIT : 76895.2542  
 Total Products Processed : 7251 Day : 3 Page : 20  
 331/313 nm Uncalibrated Line Ratio, SZA Dependence Removed



### PMD Image (Earthshine Radiance)



## 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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