

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	17-APR-2011
Start Time of First Product	00:59:12
Stop Time of Last Product	23:06:55
Number of EGOI Products analysed	31
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_110417GSEP0004.E2	17-APR-2011	01:05:17.939
EGOI_110417GSEP0030.E2	17-APR-2011	02:41:54.529
EGOI_110417GSEP0059.E2	17-APR-2011	04:22:59.646
EGOI_110417KSEP5413.E2	17-APR-2011	06:23:15.377
EGOI_110417KSEP5434.E2	17-APR-2011	08:02:59.490
EGOI_110417KSEP5460.E2	17-APR-2011	09:42:27.105
EGOI_110417KSEP5483.E2	17-APR-2011	11:21:57.711
EGOI_110417KSEP5500.E2	17-APR-2011	13:00:58.318
EGOI_110417KSEP5509.E2	17-APR-2011	14:39:39.421

EGOI_110417KSEP5521.E2	17-APR-2011	16:17:34.019
EGOI_110417KSEP5549.E2	17-APR-2011	17:55:07.614
EGOI_110417KSEP5581.E2	17-APR-2011	19:32:59.213
EGOI_110417KSEP5604.E2	17-APR-2011	21:13:07.327
EGOI_110417KSEP5621.E2	17-APR-2011	22:55:34.957
EGOI_110417MAEP5527.E2	17-APR-2011	08:11:23.537
EGOI_110417MAEP5549.E2	17-APR-2011	09:49:55.643
EGOI_110417MAEP5571.E2	17-APR-2011	21:05:31.278
EGOI_110417MAEP5585.E2	17-APR-2011	22:48:30.412
EGOI_110417MIEP9189.E2	17-APR-2011	02:38:05.006
EGOI_110417MIEP9217.E2	17-APR-2011	04:16:55.107
EGOI_110417MIEP9244.E2	17-APR-2011	14:57:09.522
EGOI_110417MIEP9274.E2	17-APR-2011	16:35:31.125
EGOI_110417MSEP4309.E2	17-APR-2011	00:59:11.900
EGOI_110417MSEP4324.E2	17-APR-2011	09:58:31.700
EGOI_110417MSEP4353.E2	17-APR-2011	11:34:59.287
EGOI_110417MSEP4377.E2	17-APR-2011	13:15:40.409
EGOI_110417MSEP4407.E2	17-APR-2011	22:43:15.379
EGOI_110417SGEP2815.E2	17-APR-2011	03:19:33.756
EGOI_110417SGEP2824.E2	17-APR-2011	05:01:35.881
EGOI_110417SGEP2829.E2	17-APR-2011	14:15:54.272
EGOI_110417SGEP2836.E2	17-APR-2011	15:53:27.871

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### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	83594	17-APR-2011	00:06:25.023	00:21:00.593	875.57000
MM	83594	17-APR-2011	00:17:40.131	00:28:53.726	673.59500
HO	83595	17-APR-2011	01:48:58.531	01:58:53.226	594.69500
MM	83595	17-APR-2011	01:59:54.553	02:09:10.285	555.73200
BE	83596	17-APR-2011	03:04:32.964	03:17:57.852	804.88800
MM	83596	17-APR-2011	03:42:55.687	03:49:50.690	415.00300
CM	83596	17-APR-2011	02:37:11.046	02:41:41.276	270.23000
CM	83596	17-APR-2011	04:11:58.378	04:24:21.800	743.42200
BE	83597	17-APR-2011	04:45:15.030	04:54:25.658	550.62800
MM	83597	17-APR-2011	05:25:41.637	05:31:28.377	346.74000
MM	83598	17-APR-2011	07:07:09.428	07:14:21.175	431.74700

JO	83598	17-APR-2011	06:47:35.883	06:58:19.703	643.82000
MM	83599	17-APR-2011	08:47:45.401	08:57:18.505	573.10400
JO	83599	17-APR-2011	08:24:11.520	08:39:11.029	899.50900
MM	83600	17-APR-2011	10:27:59.724	10:39:24.878	685.15400
JO	83600	17-APR-2011	10:08:17.580	10:14:45.649	388.06900
MM	83601	17-APR-2011	12:08:00.228	12:20:26.510	746.28200
MA	83601	17-APR-2011	11:28:24.914	11:36:24.450	479.53600
HO	83602	17-APR-2011	13:56:25.431	14:10:23.666	838.23500
MM	83602	17-APR-2011	13:47:46.750	14:00:30.607	763.85700
SG	83602	17-APR-2011	14:13:23.183	14:22:58.095	574.91200
BE	83603	17-APR-2011	14:21:13.264	14:34:34.144	800.88000
MM	83603	17-APR-2011	15:27:17.419	15:39:55.399	757.98000
GS	83603	17-APR-2011	14:48:22.353	15:00:39.885	737.53200
CM	83603	17-APR-2011	15:00:41.800	15:04:38.460	236.66000
BE	83604	17-APR-2011	16:05:11.998	16:11:05.739	353.74100
MM	83604	17-APR-2011	17:06:32.529	17:19:04.115	751.58600
GS	83604	17-APR-2011	16:27:22.182	16:41:01.779	819.59700
CM	83604	17-APR-2011	16:35:57.339	16:48:19.047	741.70800
MM	83605	17-APR-2011	18:45:40.534	18:58:16.895	756.36100
GS	83605	17-APR-2011	18:08:09.439	18:16:43.417	513.97800
JO	83605	17-APR-2011	19:07:49.977	19:16:08.745	498.76800
MM	83606	17-APR-2011	20:25:00.306	20:37:44.204	763.89800
MA	83606	17-APR-2011	19:27:03.331	19:36:24.604	561.27300
JO	83606	17-APR-2011	20:44:14.171	20:59:15.810	901.63900
MM	83607	17-APR-2011	22:04:55.458	22:17:27.860	752.40200
JO	83607	17-APR-2011	22:25:28.737	22:35:15.634	586.89700
HO	83608	17-APR-2011	23:35:21.112	23:49:44.162	863.05000
MM	83608	17-APR-2011	23:45:45.443	23:57:25.892	700.44900

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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
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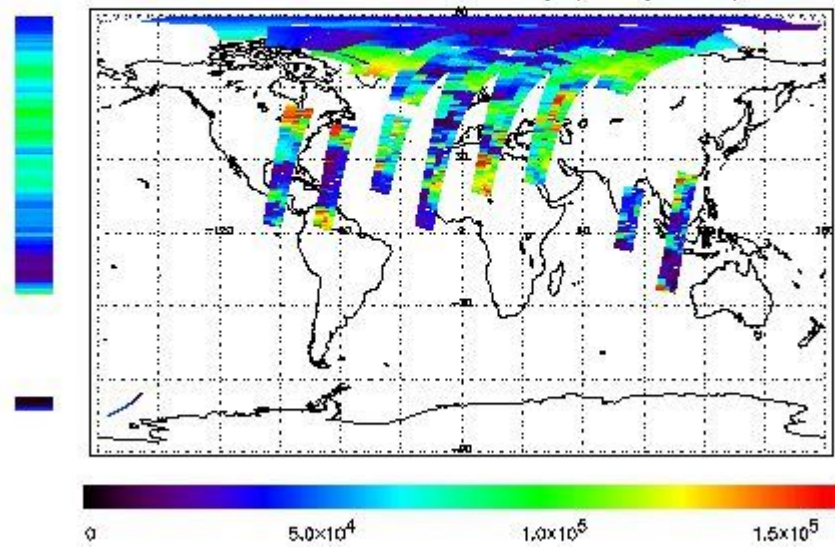
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	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](#)

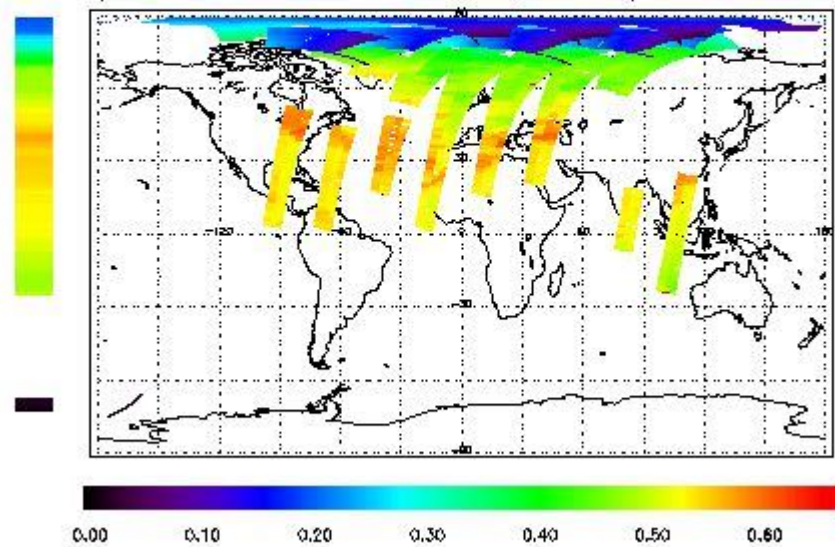
NEAR IR Intensity

778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

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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