

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	23-MAY-2011
Start Time of First Product	00:59:28
Stop Time of Last Product	23:07:00
Number of EGOI Products analysed	33
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_110523CMEP6763.E2	23-MAY-2011	04:15:03.858
EGOI_110523CMEP6769.E2	23-MAY-2011	15:01:28.808
EGOI_110523CMEP6777.E2	23-MAY-2011	16:38:02.396
EGOI_110523GSEP2791.E2	23-MAY-2011	01:05:13.201
EGOI_110523GSEP2823.E2	23-MAY-2011	02:42:15.291
EGOI_110523GSEP2852.E2	23-MAY-2011	04:23:15.912
EGOI_110523GSEP2859.E2	23-MAY-2011	06:05:16.536
EGOI_110523KSEP2720.E2	23-MAY-2011	08:03:06.751
EGOI_110523KSEP2745.E2	23-MAY-2011	09:42:32.861

EGOI_110523KSEP2768.E2	23-MAY-2011	11:22:04.963
EGOI_110523KSEP2783.E2	23-MAY-2011	13:01:04.073
EGOI_110523KSEP2791.E2	23-MAY-2011	14:39:46.675
EGOI_110523KSEP2804.E2	23-MAY-2011	16:17:39.770
EGOI_110523KSEP2832.E2	23-MAY-2011	17:55:14.869
EGOI_110523KSEP2864.E2	23-MAY-2011	19:33:04.967
EGOI_110523KSEP2885.E2	23-MAY-2011	21:13:16.077
EGOI_110523KSEP2900.E2	23-MAY-2011	22:55:40.702
EGOI_110523MAEP7814.E2	23-MAY-2011	08:11:47.299
EGOI_110523MAEP7834.E2	23-MAY-2011	09:50:07.407
EGOI_110523MAEP7855.E2	23-MAY-2011	21:05:37.029
EGOI_110523MAEP7869.E2	23-MAY-2011	22:48:36.159
EGOI_110523MIEP2920.E2	23-MAY-2011	02:38:25.772
EGOI_110523MIEP2948.E2	23-MAY-2011	04:17:23.373
EGOI_110523MIEP2974.E2	23-MAY-2011	14:57:39.285
EGOI_110523MIEP3004.E2	23-MAY-2011	16:36:00.879
EGOI_110523MSEP8614.E2	23-MAY-2011	00:59:28.170
EGOI_110523MSEP8644.E2	23-MAY-2011	11:35:03.545
EGOI_110523MSEP8668.E2	23-MAY-2011	13:15:46.159
EGOI_110523MSEP8698.E2	23-MAY-2011	22:43:15.124
EGOI_110523SGEP3365.E2	23-MAY-2011	03:19:41.022
EGOI_110523SGEP3373.E2	23-MAY-2011	05:01:41.643
EGOI_110523SGEP3379.E2	23-MAY-2011	14:15:58.527
EGOI_110523SGEP3385.E2	23-MAY-2011	15:53:39.625

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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	84110	23-MAY-2011	01:15:43.498	01:28:32.737	769.23900
MM	84110	23-MAY-2011	01:27:40.047	01:37:37.540	597.49300
BE	84111	23-MAY-2011	02:33:25.250	02:46:32.009	786.75900
MM	84111	23-MAY-2011	03:10:30.699	03:18:08.341	457.64200
CM	84111	23-MAY-2011	03:40:59.993	03:53:02.616	722.62300
BE	84112	23-MAY-2011	04:13:16.298	04:24:45.986	689.68800
MM	84112	23-MAY-2011	04:53:30.846	04:59:22.850	352.00400
MM	84113	23-MAY-2011	06:35:23.989	06:41:56.556	392.56700
KS	84113	23-MAY-2011	05:49:59.236	05:52:29.521	150.28500

CM	84113	23-MAY-2011	05:22:33.152	05:30:13.020	459.86800
MM	84114	23-MAY-2011	08:16:11.524	08:25:00.998	529.47400
JO	84114	23-MAY-2011	07:53:07.547	08:07:55.214	887.66700
MM	84115	23-MAY-2011	09:56:31.117	10:07:26.328	655.21100
JO	84115	23-MAY-2011	09:34:11.483	09:45:53.491	702.00800
MM	84116	23-MAY-2011	11:36:35.789	11:48:48.237	732.44800
MA	84116	23-MAY-2011	10:55:42.430	11:06:34.368	651.93800
MM	84117	23-MAY-2011	13:16:26.885	13:29:08.850	761.96500
HO	84118	23-MAY-2011	15:05:55.404	15:14:40.127	524.72300
MM	84118	23-MAY-2011	14:56:02.724	15:08:43.602	760.87800
GS	84118	23-MAY-2011	14:17:53.260	14:27:53.108	599.84800
BE	84119	23-MAY-2011	15:31:18.478	15:41:39.084	620.60600
MM	84119	23-MAY-2011	16:35:22.303	16:47:54.865	752.56200
GS	84119	23-MAY-2011	15:56:03.368	16:09:59.472	836.10400
MM	84120	23-MAY-2011	18:14:30.973	18:27:04.750	753.77700
MI	84120	23-MAY-2011	17:44:13.922	17:50:06.585	352.66300
GS	84120	23-MAY-2011	17:36:13.454	17:47:13.801	660.34700
CM	84120	23-MAY-2011	17:45:59.470	17:53:41.568	462.09800
MM	84121	23-MAY-2011	19:53:44.524	20:06:26.956	762.43200
MA	84121	23-MAY-2011	18:58:20.878	19:03:08.706	287.82800
JO	84121	23-MAY-2011	20:13:14.604	20:27:45.951	871.34700
MM	84122	23-MAY-2011	21:33:26.130	21:46:05.624	759.49400
JO	84122	23-MAY-2011	21:53:06.483	22:05:56.656	770.17300
HO	84123	23-MAY-2011	23:04:43.768	23:18:21.245	817.47700
MM	84123	23-MAY-2011	23:13:57.260	23:25:59.361	722.10100
MS	84124	23-MAY-2011	23:49:28.188	00:02:08.594	760.40600

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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

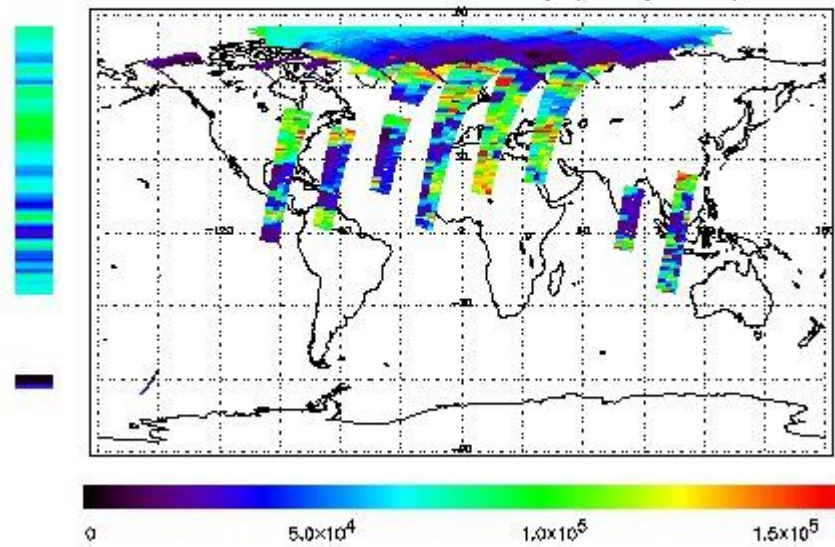
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	OK
Polarization Detectors	OK
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](#)

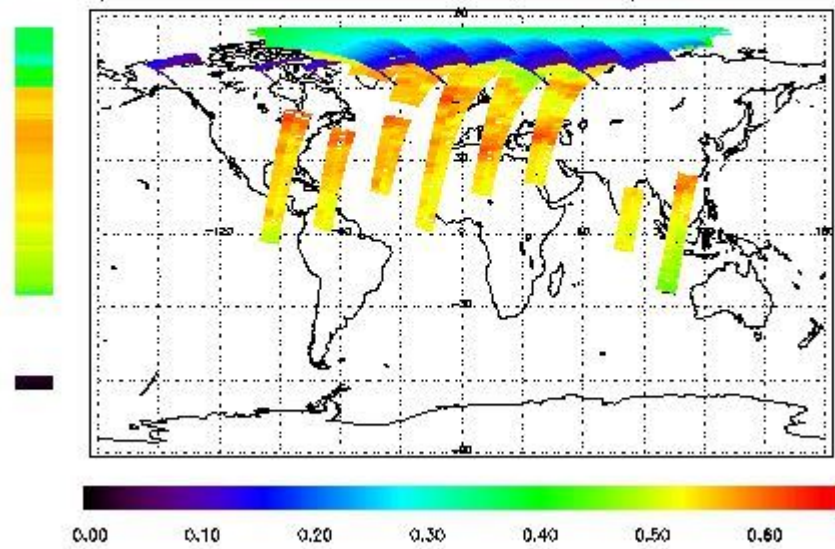
NEAR IR Intensity

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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