

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	10-MAY_2011
Start Time of First Product	23:49:31 (09_May)
Stop Time of Last Product	23:40:02
Number of EGOI Products analysed	37
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_110510CMEP6399.E2	10-MAY-2011	03:09:57.995
EGOI_110510CMEP6410.E2	10-MAY-2011	04:51:10.604
EGOI_110510CMEP6416.E2	10-MAY-2011	15:32:50.490
EGOI_110510CMEP6427.E2	10-MAY-2011	17:11:19.589
EGOI_110510GSEP1816.E2	10-MAY-2011	01:37:00.432
EGOI_110510GSEP1824.E2	10-MAY-2011	03:15:04.022
EGOI_110510GSEP1833.E2	10-MAY-2011	04:57:51.145
EGOI_110510HLEP0292.E2	10-MAY-2011	00:43:55.620
EGOI_110510HLEP0301.E2	10-MAY-2011	11:15:20.429

EGOI_110510HLEP0310.E2	10-MAY-2011	14:41:15.677
EGOI_110510HLEP0317.E2	10-MAY-2011	22:32:59.052
EGOI_110510KSEP0019.E2	10-MAY-2011	08:36:08.967
EGOI_110510KSEP0027.E2	10-MAY-2011	11:55:04.167
EGOI_110510KSEP0043.E2	10-MAY-2011	13:33:58.774
EGOI_110510KSEP0063.E2	10-MAY-2011	15:12:30.869
EGOI_110510KSEP0078.E2	10-MAY-2011	16:50:13.468
EGOI_110510KSEP0093.E2	10-MAY-2011	18:27:39.555
EGOI_110510KSEP0100.E2	10-MAY-2011	20:06:17.657
EGOI_110510KSEP0117.E2	10-MAY-2011	21:47:10.771
EGOI_110510KSEP0132.E2	10-MAY-2011	23:30:18.901
EGOI_110510KSEP9977.E2	10-MAY-2011	00:07:16.396
EGOI_110510KSEP9992.E2	10-MAY-2011	06:56:18.864
EGOI_110510KSEP9997.E2	10-MAY-2011	10:15:41.066
EGOI_110510MAEP6960.E2	10-MAY-2011	08:44:12.014
EGOI_110510MAEP6975.E2	10-MAY-2011	10:23:09.612
EGOI_110510MAEP6986.E2	10-MAY-2011	19:59:50.617
EGOI_110510MAEP7008.E2	10-MAY-2011	21:39:13.719
EGOI_110510MIEP1548.E2	10-MAY-2011	03:10:36.999
EGOI_110510MIEP1573.E2	10-MAY-2011	04:51:54.108
EGOI_110510MIEP1599.E2	10-MAY-2011	15:29:51.971
EGOI_110510MIEP1626.E2	10-MAY-2011	17:09:46.581
EGOI_110510MSEP7070.E2	09-MAY-2011	23:49:31.290
EGOI_110510MSEP7095.E2	10-MAY-2011	10:30:11.156
EGOI_110510MSEP7124.E2	10-MAY-2011	12:08:01.247
EGOI_110510MSEP7146.E2	10-MAY-2011	21:39:34.724
EGOI_110510MSEP7177.E2	10-MAY-2011	23:16:03.811
EGOI_110510SGEP3176.E2	10-MAY-2011	16:27:37.331

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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)
MM	83923	09-MAY-2011	23:54:26.980	00:06:00.624	693.64400
HO	83924	10-MAY-2011	01:24:35.966	01:36:51.814	735.84800
MM	83924	10-MAY-2011	01:36:27.091	01:46:13.555	586.46400
MS	83924	10-MAY-2011	00:31:01.769	00:40:50.999	589.23000
BE	83925	10-MAY-2011	02:41:53.108	02:55:09.470	796.36200
MM	83925	10-MAY-2011	03:19:21.111	03:26:46.711	445.60000

SG	83925	10-MAY-2011	02:53:18.269	03:06:25.058	786.78900
BE	83926	10-MAY-2011	04:21:57.055	04:32:55.761	658.70600
MM	83926	10-MAY-2011	05:02:18.266	05:08:07.095	348.82900
SG	83926	10-MAY-2011	04:33:31.447	04:44:22.065	650.61800
MM	83927	10-MAY-2011	06:44:04.232	06:50:46.740	402.50800
CM	83927	10-MAY-2011	05:31:59.636	05:37:52.293	352.65700
JO	83927	10-MAY-2011	06:26:57.001	06:34:15.822	438.82100
MM	83928	10-MAY-2011	08:24:48.259	08:33:49.881	541.62200
JO	83928	10-MAY-2011	08:01:32.547	08:16:28.825	896.27800
MM	83929	10-MAY-2011	10:05:06.325	10:16:10.216	663.89100
JO	83929	10-MAY-2011	09:43:15.597	09:53:58.614	643.01700
HO	83930	10-MAY-2011	11:54:36.307	12:07:41.223	784.91600
MM	83930	10-MAY-2011	11:45:09.858	11:57:26.541	736.68300
HO	83931	10-MAY-2011	13:33:31.639	13:48:11.181	879.54200
MM	83931	10-MAY-2011	13:24:59.728	13:37:42.483	762.75500
BE	83932	10-MAY-2011	13:58:29.209	14:11:52.267	803.05800
HO	83932	10-MAY-2011	15:14:42.021	15:22:49.047	487.02600
MM	83932	10-MAY-2011	15:04:34.169	15:17:14.290	760.12100
MI	83932	10-MAY-2011	14:33:37.240	14:41:23.051	465.81100
GS	83932	10-MAY-2011	14:26:08.556	14:36:54.932	646.37600
SG	83932	10-MAY-2011	15:27:38.353	15:41:31.417	833.06400
BE	83933	10-MAY-2011	15:40:21.419	15:49:50.677	569.25800
MM	83933	10-MAY-2011	16:43:52.464	16:56:24.641	752.17700
GS	83933	10-MAY-2011	16:04:34.889	16:18:29.909	835.02000
MM	83934	10-MAY-2011	18:23:00.785	18:35:35.198	754.41300
GS	83934	10-MAY-2011	17:44:53.903	17:55:20.339	626.43600
MM	83935	10-MAY-2011	20:02:15.793	20:14:58.767	762.97400
JO	83935	10-MAY-2011	20:21:39.430	20:36:24.914	885.48400
MM	83936	10-MAY-2011	21:42:00.886	21:54:38.818	757.93200
JO	83936	10-MAY-2011	22:01:51.688	22:14:02.754	731.06600
HO	83937	10-MAY-2011	23:12:57.425	23:26:55.896	838.47100
MM	83937	10-MAY-2011	23:22:37.037	23:34:33.742	716.70500
MA	83937	10-MAY-2011	22:23:31.556	22:31:48.061	496.50500
MS	83938	10-MAY-2011	23:58:14.332	00:10:28.141	733.80900

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## 1.5 - List of corrupted products

## 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

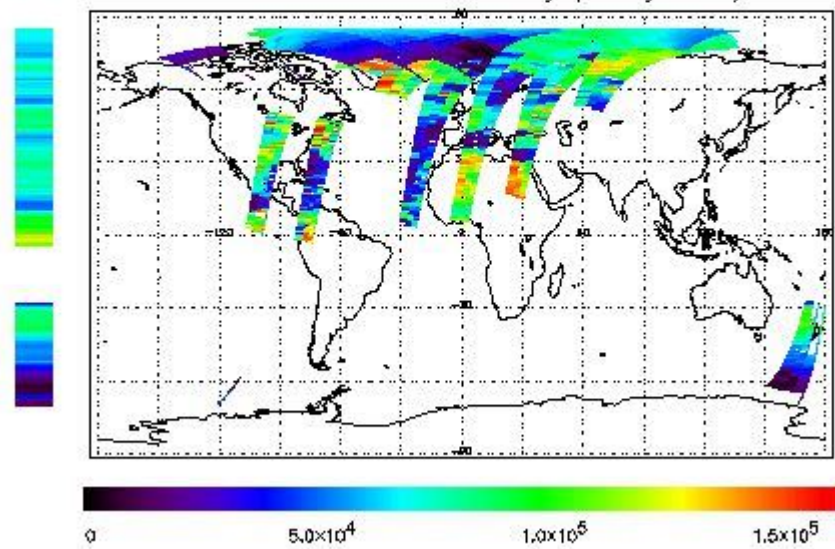
### 2.2 - Daily Plots

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 : 09-MAY-2011 23:48:31.290 : ORBIT : 83923.5956  
 Last Product : 10-MAY-2011 23:40:02.459 : ORBIT : 83937.8156  
 Total Products Processed : 17280 Day : 130 Page : 21

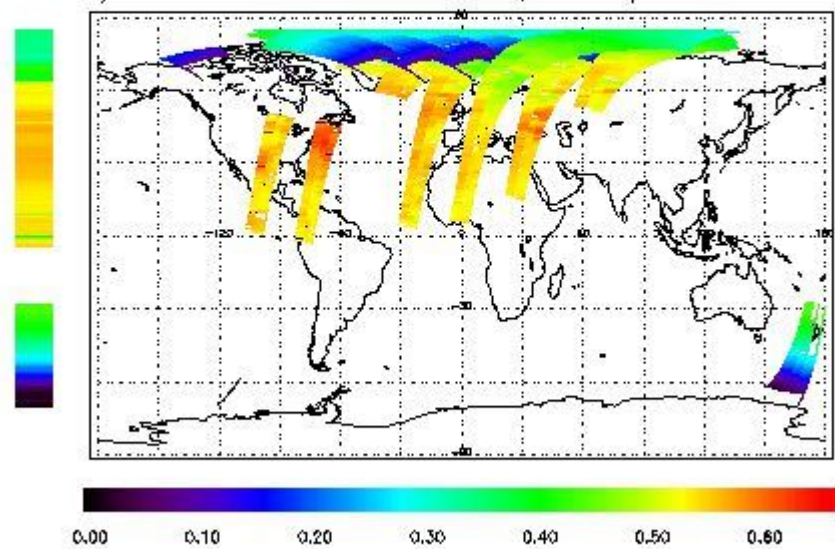
778 nm Uncalibrated Intensity (Binary Units)



### Ozone Line Ratio

First Product : 09-MAY-2011 23:48:31.290 : ORBIT : 83923.5956  
 Last Product : 10-MAY-2011 23:40:02.459 : ORBIT : 83937.8156  
 Total Products Processed : 17280 Day : 130 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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