

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	03-MAY-2010
Start Time of First Product	23:46:33 (02-May)
Stop Time of Last Product	23:27:39
Number of EGOI Products analysed	38
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_100503BEEP2622.E2	03-MAY-2010	02:34:53.435
EGOI_100503BEEP2627.E2	03-MAY-2010	04:14:40.544
EGOI_100503GSEP5532.E2	03-MAY-2010	02:09:03.779
EGOI_100503GSEP5537.E2	03-MAY-2010	03:48:19.388
EGOI_100503GSEP5543.E2	03-MAY-2010	05:31:02.021
EGOI_100503KSEP4884.E2	03-MAY-2010	07:29:17.744
EGOI_100503KSEP4900.E2	03-MAY-2010	09:09:18.351
EGOI_100503KSEP4922.E2	03-MAY-2010	10:48:56.457
EGOI_100503KSEP4947.E2	03-MAY-2010	12:28:16.564

EGOI_100503KSEP4975.E2	03-MAY-2010	14:07:14.171
EGOI_100503KSEP4990.E2	03-MAY-2010	15:45:11.769
EGOI_100503KSEP5017.E2	03-MAY-2010	17:23:01.862
EGOI_100503KSEP5049.E2	03-MAY-2010	19:00:53.464
EGOI_100503KSEP5079.E2	03-MAY-2010	20:40:27.075
EGOI_100503KSEP5107.E2	03-MAY-2010	22:22:20.197
EGOI_100503MAEP1816.E2	03-MAY-2010	09:16:30.394
EGOI_100503MAEP1827.E2	03-MAY-2010	10:56:31.004
EGOI_100503MIEP1377.E2	03-MAY-2010	02:06:35.263
EGOI_100503MIEP1383.E2	03-MAY-2010	03:43:10.361
EGOI_100503MIEP1398.E2	03-MAY-2010	14:27:03.792
EGOI_100503MIEP1426.E2	03-MAY-2010	16:03:16.374
EGOI_100503MIEP1449.E2	03-MAY-2010	17:45:24.499
EGOI_100503MMEP7692.E2	02-MAY-2010	23:46:32.905
EGOI_100503MMEP7700.E2	03-MAY-2010	01:28:02.031
EGOI_100503MMEP7707.E2	03-MAY-2010	03:10:34.154
EGOI_100503MMEP7715.E2	03-MAY-2010	11:37:14.754
EGOI_100503MMEP7725.E2	03-MAY-2010	14:56:32.472
EGOI_100503MMEP7733.E2	03-MAY-2010	16:36:07.577
EGOI_100503MMEP7739.E2	03-MAY-2010	19:54:49.293
EGOI_100503MMEP7747.E2	03-MAY-2010	21:35:01.907
EGOI_100503MMEP7758.E2	03-MAY-2010	23:14:34.012
EGOI_100503MSEP4112.E2	03-MAY-2010	00:22:58.633
EGOI_100503MSEP4137.E2	03-MAY-2010	11:02:11.539
EGOI_100503MSEP4164.E2	03-MAY-2010	12:41:45.148
EGOI_100503MSEP4195.E2	03-MAY-2010	22:11:39.627
EGOI_100503SGEP5339.E2	03-MAY-2010	02:46:28.005
EGOI_100503SGEP5345.E2	03-MAY-2010	04:25:42.115
EGOI_100503SGEP5351.E2	03-MAY-2010	17:03:45.245

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### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	78603	03-MAY-2010	07:28:17.468	07:29:17.743	60.275000
KS	78604	03-MAY-2010	09:07:50.407	09:09:18.351	87.944000
KS	78605	03-MAY-2010	10:47:26.888	10:48:56.456	89.568000
KS	78606	03-MAY-2010	12:26:48.405	12:28:16.564	88.159000
KS	78607	03-MAY-2010	14:05:41.591	14:07:14.171	92.580000
KS	78608	03-MAY-2010	15:43:38.234	15:45:11.768	93.534000
KS	78609	03-MAY-2010	17:21:29.749	17:23:01.861	92.112000
KS	78610	03-MAY-2010	18:59:40.499	19:00:53.463	72.964000
GS	78600	03-MAY-2010	02:07:44.304	02:09:03.779	79.475000

MS	78599	03-MAY-2010	00:21:57.773	00:22:58.633	60.860000
MS	78605	03-MAY-2010	11:00:39.893	11:02:11.538	91.645000
MS	78606	03-MAY-2010	12:40:15.482	12:41:45.148	89.666000
MS	78613	03-MAY-2010	23:49:28.187	23:50:43.233	75.046000
MI	78600	03-MAY-2010	02:05:17.999	02:06:35.263	77.264000
MI	78601	03-MAY-2010	03:41:49.566	03:43:10.361	80.795000
MI	78607	03-MAY-2010	14:25:59.568	14:27:03.791	64.223000
MI	78608	03-MAY-2010	16:01:55.833	16:03:16.374	80.541000
MI	78609	03-MAY-2010	17:44:13.920	17:45:24.499	70.579000
MM	78610	03-MAY-2010	19:53:44.522	19:54:49.293	64.771000
MM	78611	03-MAY-2010	21:33:26.128	21:35:01.906	95.778000
BE	78600	03-MAY-2010	02:33:25.249	02:34:53.435	88.186000
BE	78601	03-MAY-2010	04:13:16.297	04:14:40.544	84.247000
SG	78600	03-MAY-2010	02:45:02.241	02:46:28.004	85.763000
SG	78601	03-MAY-2010	04:24:37.540	04:25:42.114	64.574000

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#### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78599	03-MAY-2010	01:15:43.497	01:28:32.736	769.23900
CM	78600	03-MAY-2010	03:40:59.992	03:53:02.615	722.62300
MM	78601	03-MAY-2010	04:53:30.845	04:59:22.849	352.00400
MM	78602	03-MAY-2010	06:35:23.987	06:41:56.554	392.56700
KS	78602	03-MAY-2010	05:49:59.234	05:52:29.519	150.28500
CM	78602	03-MAY-2010	05:22:33.150	05:30:13.018	459.86800
MM	78603	03-MAY-2010	08:16:11.522	08:25:00.996	529.47400
JO	78603	03-MAY-2010	07:53:07.545	08:07:55.212	887.66700
MM	78604	03-MAY-2010	09:56:31.115	10:07:26.326	655.21100
JO	78604	03-MAY-2010	09:34:11.481	09:45:53.489	702.00800
MM	78606	03-MAY-2010	13:16:26.884	13:29:08.849	761.96500
HO	78607	03-MAY-2010	15:05:55.403	15:14:40.126	524.72300
GS	78607	03-MAY-2010	14:17:53.259	14:27:53.107	599.84800
SG	78607	03-MAY-2010	15:19:09.369	15:33:00.775	831.40600
BE	78608	03-MAY-2010	15:31:18.477	15:41:39.083	620.60600
GS	78608	03-MAY-2010	15:56:03.367	16:09:59.471	836.10400
CM	78608	03-MAY-2010	16:04:53.528	16:17:00.600	727.07200

MM	78609	03-MAY-2010	18:14:30.971	18:27:04.748	753.77700
GS	78609	03-MAY-2010	17:36:13.452	17:47:13.799	660.34700
CM	78609	03-MAY-2010	17:45:59.468	17:53:41.566	462.09800
MA	78610	03-MAY-2010	18:58:20.876	19:03:08.704	287.82800
JO	78610	03-MAY-2010	20:13:14.602	20:27:45.949	871.34700
MA	78611	03-MAY-2010	20:31:36.614	20:45:19.342	822.72800
JO	78611	03-MAY-2010	21:53:06.481	22:05:56.654	770.17300
HO	78612	03-MAY-2010	23:04:43.766	23:18:21.243	817.47700
MA	78612	03-MAY-2010	22:14:23.286	22:23:39.124	555.83800

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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	Polar View operated
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

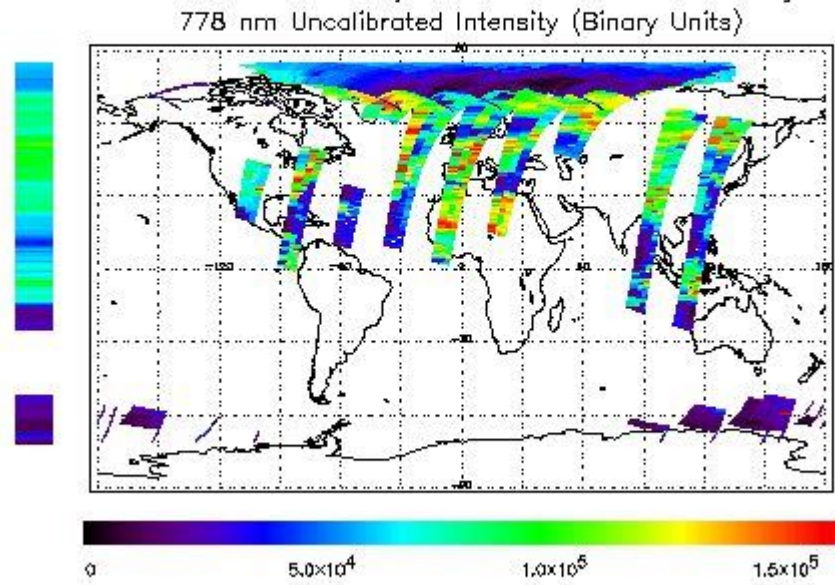
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

## 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](#)

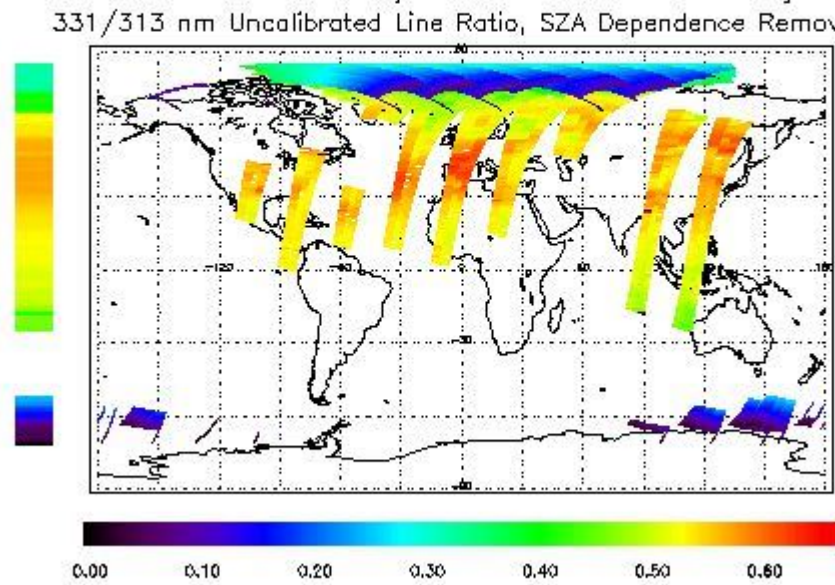
### NEAR IR Intensity

First Product : 02-MAY-2010 23:46:32.905 : ORBIT : 78598.6517  
 Last Product : 03-MAY-2010 23:27:38.594 : ORBIT : 78612.7781  
 Total Products Processed : 18774 Day : 123 Page : 21



### Ozone Line Ratio

First Product : 02-MAY-2010 23:46:32.905 : ORBIT : 78598.6517  
 Last Product : 03-MAY-2010 23:27:38.594 : ORBIT : 78612.7781  
 Total Products Processed : 18774 Day : 123 Page : 20



### 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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