

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	16-MAY-2010
Start Time of First Product	00:14:11
Stop Time of Last Product	23:19:05
Number of EGOI Products analysed	29
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_100516BEEP2738.E2	16-MAY-2010	02:26:36.818
EGOI_100516BEEP2744.E2	16-MAY-2010	04:06:10.431
EGOI_100516GSEP6476.E2	16-MAY-2010	02:00:09.658
EGOI_100516GSEP6507.E2	16-MAY-2010	03:39:26.771
EGOI_100516GSEP6515.E2	16-MAY-2010	05:22:22.892
EGOI_100516KSEP8120.E2	16-MAY-2010	07:20:44.618
EGOI_100516KSEP8139.E2	16-MAY-2010	09:00:45.237
EGOI_100516KSEP8160.E2	16-MAY-2010	10:40:24.839
EGOI_100516KSEP8184.E2	16-MAY-2010	12:19:47.953

EGOI_100516KSEP8212.E2	16-MAY-2010	13:58:45.560
EGOI_100516KSEP8222.E2	16-MAY-2010	15:36:56.655
EGOI_100516KSEP8249.E2	16-MAY-2010	17:14:37.754
EGOI_100516KSEP8281.E2	16-MAY-2010	18:52:32.361
EGOI_100516KSEP8312.E2	16-MAY-2010	20:31:49.463
EGOI_100516KSEP8340.E2	16-MAY-2010	22:13:35.090
EGOI_100516MIEP2767.E2	16-MAY-2010	01:58:45.650
EGOI_100516MIEP2796.E2	16-MAY-2010	03:35:23.743
EGOI_100516MIEP2814.E2	16-MAY-2010	05:19:09.372
EGOI_100516MIEP2829.E2	16-MAY-2010	14:19:47.181
EGOI_100516MIEP2854.E2	16-MAY-2010	15:54:49.268
EGOI_100516MIEP2880.E2	16-MAY-2010	17:36:13.891
EGOI_100516MMEP8409.E2	16-MAY-2010	23:05:56.411
EGOI_100516MSEP5642.E2	16-MAY-2010	00:14:10.512
EGOI_100516MSEP5664.E2	16-MAY-2010	10:53:54.922
EGOI_100516MSEP5692.E2	16-MAY-2010	12:33:15.031
EGOI_100516MSEP5722.E2	16-MAY-2010	22:03:41.032
EGOI_100516SGEP5674.E2	16-MAY-2010	02:38:05.388
EGOI_100516SGEP5681.E2	16-MAY-2010	04:16:58.497
EGOI_100516SGEP5691.E2	16-MAY-2010	17:00:34.672

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### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	78790	16-MAY-2010	08:59:17.990	09:00:45.237	87.247000
KS	78791	16-MAY-2010	10:38:54.961	10:40:24.839	89.878000
KS	78792	16-MAY-2010	12:18:18.458	12:19:47.953	89.495000
KS	78793	16-MAY-2010	13:57:12.507	13:58:45.559	93.052000
KS	78794	16-MAY-2010	15:35:15.524	15:36:56.654	101.13000
KS	78795	16-MAY-2010	17:13:03.624	17:14:37.754	94.130000
KS	78796	16-MAY-2010	18:51:11.964	18:52:32.361	80.397000
KS	78798	16-MAY-2010	22:12:30.839	22:13:35.090	64.251000
MS	78785	16-MAY-2010	00:12:59.990	00:14:10.512	70.522000
MS	78791	16-MAY-2010	10:52:20.010	10:53:54.921	94.911000
MS	78792	16-MAY-2010	12:31:36.406	12:33:15.030	98.624000
MS	78798	16-MAY-2010	22:02:36.663	22:03:41.032	64.369000
MS	78799	16-MAY-2010	23:40:45.437	23:41:59.630	74.193000
MI	78786	16-MAY-2010	01:57:32.479	01:58:45.649	73.170000
MI	78787	16-MAY-2010	03:33:16.254	03:35:23.743	127.48900
MI	78794	16-MAY-2010	15:53:25.703	15:54:49.268	83.565000

MI	78795	16-MAY-2010	17:34:59.823	17:36:13.891	74.068000
BE	78786	16-MAY-2010	02:24:58.690	02:26:36.817	98.127000
BE	78787	16-MAY-2010	04:04:36.985	04:06:10.431	93.446000
SG	78786	16-MAY-2010	02:36:50.175	02:38:05.387	75.212000
SG	78787	16-MAY-2010	04:15:48.465	04:16:58.497	70.032000

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#### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	78785	16-MAY-2010	01:06:59.627	01:20:11.187	791.56000
MM	78785	16-MAY-2010	01:18:53.436	01:29:01.652	608.21600
MM	78786	16-MAY-2010	03:01:40.394	03:09:30.268	469.87400
CM	78786	16-MAY-2010	03:32:40.891	03:44:24.303	703.41200
MM	78787	16-MAY-2010	04:44:42.856	04:50:39.273	356.41700
CM	78787	16-MAY-2010	05:13:22.242	05:22:18.677	536.43500
MM	78788	16-MAY-2010	06:26:43.257	06:33:06.594	383.33700
MM	78789	16-MAY-2010	08:07:34.601	08:16:11.796	517.19500
JO	78789	16-MAY-2010	07:44:45.125	07:59:20.071	874.94600
MM	78790	16-MAY-2010	09:47:55.803	09:58:41.960	646.15700
MA	78790	16-MAY-2010	09:07:51.893	09:20:22.292	750.39900
JO	78790	16-MAY-2010	09:25:13.314	09:37:43.294	749.98000
MM	78791	16-MAY-2010	11:28:01.620	11:40:09.474	727.85400
MA	78791	16-MAY-2010	10:47:02.172	10:58:23.526	681.35400
MM	78792	16-MAY-2010	13:07:53.929	13:20:34.874	760.94500
HO	78793	16-MAY-2010	14:57:09.858	15:06:27.821	557.96300
MM	78793	16-MAY-2010	14:47:31.154	15:00:12.740	761.58600
GS	78793	16-MAY-2010	14:09:41.975	14:18:45.794	543.81900
SG	78793	16-MAY-2010	15:10:43.200	15:24:27.420	824.22000
BE	78794	16-MAY-2010	15:22:20.787	15:33:23.582	662.79500
MM	78794	16-MAY-2010	16:26:52.055	16:39:25.084	753.02900
GS	78794	16-MAY-2010	15:47:32.553	16:01:27.094	834.54100
SG	78794	16-MAY-2010	16:52:40.113	17:00:40.571	480.45800
CM	78794	16-MAY-2010	15:56:31.395	16:08:20.523	709.12800
MM	78795	16-MAY-2010	18:06:01.188	18:18:34.395	753.20700
GS	78795	16-MAY-2010	17:27:34.153	17:39:04.764	690.61100
CM	78795	16-MAY-2010	17:36:57.920	17:45:51.225	533.30500

MM	78796	16-MAY-2010	19:45:13.459	19:57:55.270	761.81100
MA	78796	16-MAY-2010	18:50:20.596	18:54:34.885	254.28900
JO	78796	16-MAY-2010	20:04:51.775	20:19:04.102	852.32700
MM	78797	16-MAY-2010	21:24:51.741	21:37:32.539	760.79800
MA	78797	16-MAY-2010	20:23:10.872	20:36:57.638	826.76600
JO	78797	16-MAY-2010	21:44:23.701	21:57:46.824	803.12300
HO	78798	16-MAY-2010	22:56:27.377	23:09:45.920	798.54300
MA	78798	16-MAY-2010	22:05:21.921	22:15:25.498	603.57700

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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

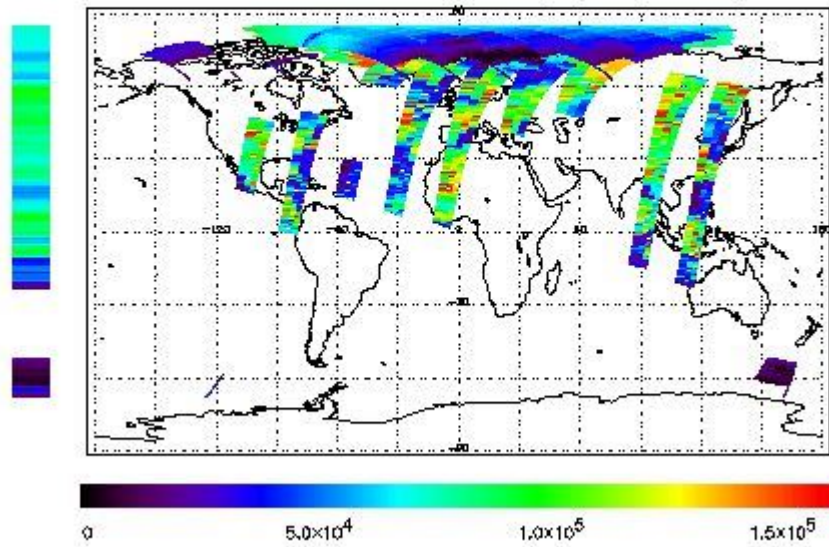
## 2.2 - Daily Plots

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

F1ret Product : 16-MAY-2010 00:14:10.512 : ORBIT : 78785.0121  
 Last Product : 16-MAY-2010 23:19:05.489 : ORBIT : 78798.7788  
 Total Products Processed : 13621 Day : 136 Page : 21

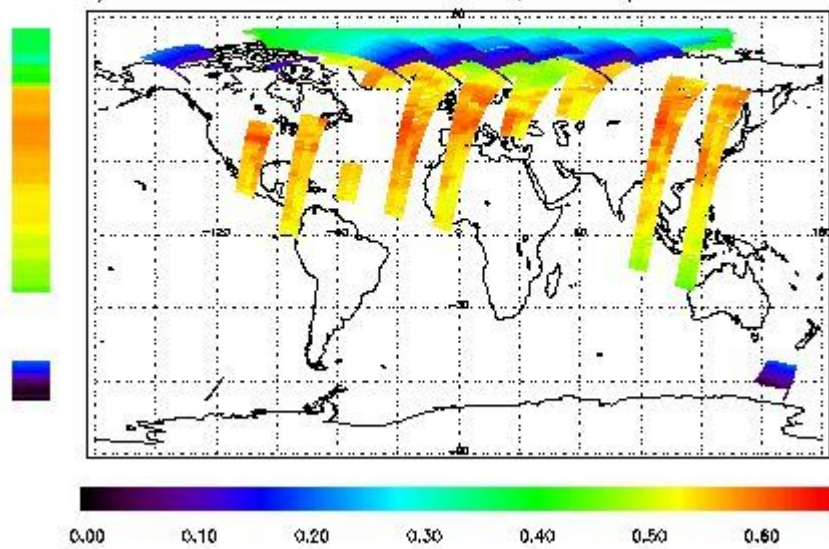
778 nm Uncalibrated Intensity (Binary Units)



### Ozone Line Ratio

F1ret Product : 16-MAY-2010 00:14:10.512 : ORBIT : 78785.0121  
 Last Product : 16-MAY-2010 23:19:05.489 : ORBIT : 78798.7788  
 Total Products Processed : 13621 Day : 136 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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