

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	18-JAN-2010
Start Time of First Product	00:23:50 (17-Jan)
Stop Time of Last Product	22:26:10
Number of EGOI Products analysed	28
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_100118BEEP1690.E2	18-JAN-2010	02:35:44.891
EGOI_100118BEEP1696.E2	18-JAN-2010	04:15:38.010
EGOI_100118GSEP7641.E2	18-JAN-2010	02:09:23.727
EGOI_100118GSEP7668.E2	18-JAN-2010	03:49:18.342
EGOI_100118GSEP7679.E2	18-JAN-2010	05:31:42.984
EGOI_100118HLEP4973.E2	18-JAN-2010	01:24:33.953
EGOI_100118HLEP4979.E2	18-JAN-2010	13:30:09.938
EGOI_100118KSEP7088.E2	18-JAN-2010	07:30:07.708
EGOI_100118KSEP7112.E2	18-JAN-2010	09:10:09.828

EGOI_100118KSEP7135.E2	18-JAN-2010	10:49:47.944
EGOI_100118KSEP7162.E2	18-JAN-2010	12:29:08.060
EGOI_100118KSEP7171.E2	18-JAN-2010	14:08:56.677
EGOI_100118KSEP7178.E2	18-JAN-2010	20:41:21.602
EGOI_100118MAEP7967.E2	18-JAN-2010	09:17:18.871
EGOI_100118MAEP7976.E2	18-JAN-2010	10:57:23.991
EGOI_100118MAEP7995.E2	18-JAN-2010	22:15:14.683
EGOI_100118MIEP0610.E2	18-JAN-2010	02:07:26.715
EGOI_100118MIEP0632.E2	18-JAN-2010	03:44:04.810
EGOI_100118MIEP0651.E2	18-JAN-2010	14:27:52.294
EGOI_100118MIEP0665.E2	18-JAN-2010	16:04:09.391
EGOI_100118MIEP0676.E2	18-JAN-2010	17:46:19.022
EGOI_100118MSEP1804.E2	18-JAN-2010	00:23:50.075
EGOI_100118MSEP1829.E2	18-JAN-2010	11:03:06.032
EGOI_100118MSEP1856.E2	18-JAN-2010	12:42:36.644
EGOI_100118MSEP1882.E2	18-JAN-2010	22:12:34.167
EGOI_100118SGEP3027.E2	18-JAN-2010	02:47:13.458
EGOI_100118SGEP3035.E2	18-JAN-2010	04:26:29.069
EGOI_100118SGEP3043.E2	18-JAN-2010	17:04:30.764

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### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	77100	18-JAN-2010	07:28:17.468	07:30:07.708	110.24000
KS	77101	18-JAN-2010	09:07:50.407	09:10:09.828	139.42100
KS	77102	18-JAN-2010	10:47:26.888	10:49:47.944	141.05600
KS	77103	18-JAN-2010	12:26:48.404	12:29:08.059	139.65500
KS	77104	18-JAN-2010	14:05:41.590	14:08:56.676	195.08600
KS	77108	18-JAN-2010	20:39:27.624	20:41:21.601	113.97700
GS	77097	18-JAN-2010	02:07:44.303	02:09:23.726	99.423000
GS	77098	18-JAN-2010	03:47:22.059	03:49:18.342	116.28300
MS	77096	18-JAN-2010	00:21:57.772	00:23:50.075	112.30300
MS	77102	18-JAN-2010	11:00:39.893	11:03:06.032	146.13900
MS	77103	18-JAN-2010	12:40:15.481	12:42:36.644	141.16300
MS	77109	18-JAN-2010	22:10:45.360	22:12:34.166	108.80600
MS	77110	18-JAN-2010	23:49:28.186	23:51:31.779	123.59300
MA	77102	18-JAN-2010	10:55:42.428	10:57:23.990	101.56200
MI	77097	18-JAN-2010	02:05:17.998	02:07:26.715	128.71700
MI	77098	18-JAN-2010	03:41:49.565	03:44:04.809	135.24400
MI	77104	18-JAN-2010	14:25:59.567	14:27:52.293	112.72600

MI	77105	18-JAN-2010	16:01:55.832	16:04:09.390	133.55800
MI	77106	18-JAN-2010	17:44:13.920	17:46:19.022	125.10200
BE	77097	18-JAN-2010	02:33:25.248	02:35:44.890	139.64200
BE	77098	18-JAN-2010	04:13:16.296	04:15:38.010	141.71400
SG	77097	18-JAN-2010	02:45:02.240	02:47:13.458	131.21800
SG	77098	18-JAN-2010	04:24:37.539	04:26:29.068	111.52900

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#### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	77096	18-JAN-2010	01:27:40.045	01:37:37.538	597.49300
MM	77097	18-JAN-2010	03:10:30.697	03:18:08.339	457.64200
CM	77097	18-JAN-2010	03:40:59.991	03:53:02.614	722.62300
MM	77098	18-JAN-2010	04:53:30.844	04:59:22.848	352.00400
MM	77099	18-JAN-2010	06:35:23.987	06:41:56.554	392.56700
KS	77099	18-JAN-2010	05:49:59.234	05:52:29.519	150.28500
CM	77099	18-JAN-2010	05:22:33.150	05:30:13.018	459.86800
MM	77100	18-JAN-2010	08:16:11.522	08:25:00.996	529.47400
JO	77100	18-JAN-2010	07:53:07.545	08:07:55.212	887.66700
MM	77101	18-JAN-2010	09:56:31.115	10:07:26.326	655.21100
JO	77101	18-JAN-2010	09:34:11.481	09:45:53.489	702.00800
MM	77102	18-JAN-2010	11:36:35.787	11:48:48.235	732.44800
MM	77103	18-JAN-2010	13:16:26.883	13:29:08.848	761.96500
HO	77104	18-JAN-2010	15:05:55.402	15:14:40.125	524.72300
MM	77104	18-JAN-2010	14:56:02.722	15:08:43.600	760.87800
GS	77104	18-JAN-2010	14:17:53.258	14:27:53.106	599.84800
SG	77104	18-JAN-2010	15:19:09.368	15:33:00.774	831.40600
BE	77105	18-JAN-2010	15:31:18.476	15:41:39.082	620.60600
MM	77105	18-JAN-2010	16:35:22.301	16:47:54.863	752.56200
KS	77105	18-JAN-2010	15:43:38.233	15:55:29.776	711.54300
GS	77105	18-JAN-2010	15:56:03.366	16:09:59.470	836.10400
CM	77105	18-JAN-2010	16:04:53.527	16:17:00.599	727.07200
MM	77106	18-JAN-2010	18:14:30.971	18:27:04.748	753.77700
KS	77106	18-JAN-2010	17:21:29.749	17:34:13.655	763.90600
GS	77106	18-JAN-2010	17:36:13.452	17:47:13.799	660.34700
CM	77106	18-JAN-2010	17:45:59.468	17:53:41.566	462.09800

MM	77107	18-JAN-2010	19:53:44.522	20:06:26.954	762.43200
MA	77107	18-JAN-2010	18:58:20.876	19:03:08.704	287.82800
KS	77107	18-JAN-2010	18:59:40.499	19:13:33.016	832.51700
JO	77107	18-JAN-2010	20:13:14.602	20:27:45.949	871.34700
MM	77108	18-JAN-2010	21:33:26.128	21:46:05.622	759.49400
MA	77108	18-JAN-2010	20:31:36.614	20:45:19.342	822.72800
JO	77108	18-JAN-2010	21:53:06.481	22:05:56.654	770.17300
HO	77109	18-JAN-2010	23:04:43.766	23:18:21.243	817.47700
MM	77109	18-JAN-2010	23:13:57.258	23:25:59.359	722.10100
KS	77109	18-JAN-2010	22:21:20.889	22:32:43.134	682.24500

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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

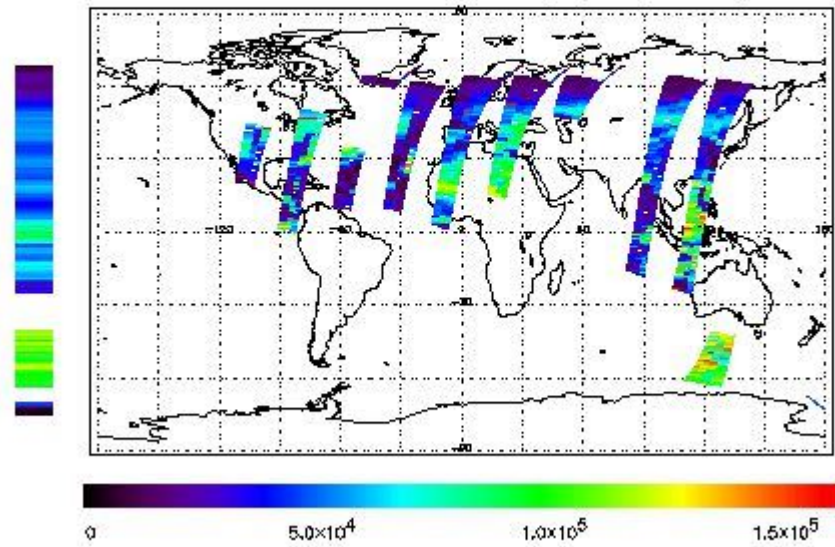
## 2.2 - Daily Plots

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

Final Product : 18-JAN-2010 00:23:50.075 : ORBIT : 77096.0224  
 Last Product : 18-JAN-2010 22:26:10.253 : ORBIT : 77109.1670  
 Total Products Processed : 13214 Day : 18 Page : 21

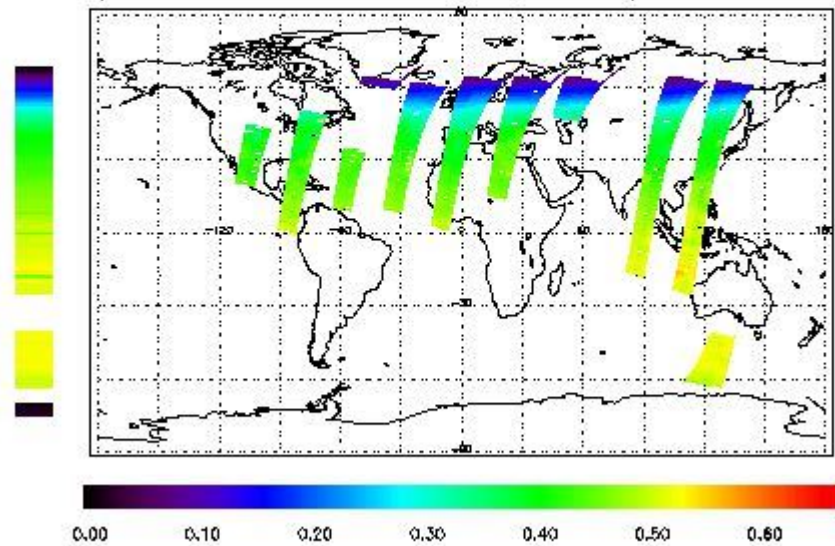
778 nm Uncalibrated Intensity (Binary Units)



### Ozone Line Ratio

Final Product : 18-JAN-2010 00:23:50.075 : ORBIT : 77096.0224  
 Last Product : 18-JAN-2010 22:26:10.253 : ORBIT : 77109.1670  
 Total Products Processed : 13214 Day : 18 Page : 20

331/313 nm Uncalibrated Line Ratio, SZA Dependence Removed





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## 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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(1) The Solar/lamp calibration is carried out routinely or after an instrument switch-off or a power cycle (performed to reset the instrument when abnormal values are observed); in the latter cases the coolers are off and the temperature refers to the warm detectors