

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	28-MAY-2011
Start Time of First Product	23:49:34 (27-May)
Stop Time of Last Product	23:40:06
Number of EGOI Products analysed	35
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_110528CMEP6918.E2	28-MAY-2011	03:09:59.618
EGOI_110528CMEP6926.E2	28-MAY-2011	15:32:43.159
EGOI_110528CMEP6934.E2	28-MAY-2011	17:11:21.257
EGOI_110528GSEP3201.E2	28-MAY-2011	01:37:08.052
EGOI_110528GSEP3232.E2	28-MAY-2011	03:15:14.657
EGOI_110528GSEP3242.E2	28-MAY-2011	04:57:55.779
EGOI_110528KSEP3780.E2	28-MAY-2011	00:07:19.505
EGOI_110528KSEP3795.E2	28-MAY-2011	06:56:23.503
EGOI_110528KSEP3822.E2	28-MAY-2011	08:36:12.118

EGOI_110528KSEP3842.E2	28-MAY-2011	10:15:44.224
EGOI_110528KSEP3871.E2	28-MAY-2011	11:55:05.826
EGOI_110528KSEP3887.E2	28-MAY-2011	13:33:58.932
EGOI_110528KSEP3900.E2	28-MAY-2011	15:12:31.034
EGOI_110528KSEP3914.E2	28-MAY-2011	16:49:55.628
EGOI_110528KSEP3929.E2	28-MAY-2011	18:27:41.231
EGOI_110528KSEP3946.E2	28-MAY-2011	20:06:14.828
EGOI_110528KSEP3965.E2	28-MAY-2011	21:47:10.950
EGOI_110528KSEP3978.E2	28-MAY-2011	23:31:50.584
EGOI_110528MAEP8157.E2	28-MAY-2011	08:44:30.161
EGOI_110528MAEP8171.E2	28-MAY-2011	10:23:15.767
EGOI_110528MAEP8183.E2	28-MAY-2011	19:59:53.789
EGOI_110528MAEP8204.E2	28-MAY-2011	21:39:16.895
EGOI_110528MIEP3461.E2	28-MAY-2011	03:10:37.122
EGOI_110528MIEP3485.E2	28-MAY-2011	04:51:57.247
EGOI_110528MIEP3512.E2	28-MAY-2011	15:29:55.143
EGOI_110528MIEP3539.E2	28-MAY-2011	17:09:46.749
EGOI_110528MSEP9187.E2	27-MAY-2011	23:49:34.395
EGOI_110528MSEP9212.E2	28-MAY-2011	10:30:12.814
EGOI_110528MSEP9241.E2	28-MAY-2011	12:08:02.904
EGOI_110528MSEP9263.E2	28-MAY-2011	21:39:33.399
EGOI_110528MSEP9295.E2	28-MAY-2011	23:16:05.490
EGOI_110528SGEP3478.E2	28-MAY-2011	02:18:47.306
EGOI_110528SGEP3485.E2	28-MAY-2011	04:01:20.931
EGOI_110528SGEP3492.E2	28-MAY-2011	14:49:51.901
EGOI_110528SGEP3498.E2	28-MAY-2011	16:27:41.992

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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	84181	28-MAY-2011	00:17:43.769	00:32:21.929	878.16000
MM	84181	28-MAY-2011	00:29:18.006	00:40:20.542	662.53600
HO	84182	28-MAY-2011	02:01:23.664	02:09:30.574	486.91000
MM	84182	28-MAY-2011	02:11:39.300	02:20:39.066	539.76600
BE	84183	28-MAY-2011	03:15:55.650	03:29:16.030	800.38000
MM	84183	28-MAY-2011	03:54:42.809	04:01:23.731	400.92200
BE	84184	28-MAY-2011	04:57:01.580	05:04:59.170	477.59000
MM	84184	28-MAY-2011	05:37:21.542	05:43:10.770	349.22800

MM	84185	28-MAY-2011	07:18:41.023	07:26:08.469	447.44600
JO	84185	28-MAY-2011	06:58:14.381	07:10:06.654	712.27300
MM	84186	28-MAY-2011	08:59:13.572	09:09:01.775	588.20300
JO	84186	28-MAY-2011	08:35:37.774	08:50:27.896	890.12200
MM	84187	28-MAY-2011	10:39:26.164	10:51:00.911	694.74700
HO	84188	28-MAY-2011	12:28:22.886	12:42:52.451	869.56500
MM	84188	28-MAY-2011	12:19:25.143	12:31:55.339	750.19600
MA	84188	28-MAY-2011	11:40:00.579	11:46:53.142	412.56300
HO	84189	28-MAY-2011	14:07:57.009	14:21:12.624	795.61500
MM	84189	28-MAY-2011	13:59:09.947	14:11:53.871	763.92400
MS	84189	28-MAY-2011	13:24:37.359	13:31:47.468	430.10900
SG	84189	28-MAY-2011	14:23:59.304	14:34:58.461	659.15700
BE	84190	28-MAY-2011	14:32:41.451	14:45:52.166	790.71500
MM	84190	28-MAY-2011	15:38:38.727	15:51:15.626	756.89900
GS	84190	28-MAY-2011	14:59:34.226	15:12:23.783	769.55700
MM	84191	28-MAY-2011	17:17:52.395	17:30:23.937	751.54200
GS	84191	28-MAY-2011	16:38:47.543	16:52:12.675	805.13200
MM	84192	28-MAY-2011	18:57:00.610	19:09:38.039	757.42900
GS	84192	28-MAY-2011	18:19:53.674	18:27:14.801	441.12700
JO	84192	28-MAY-2011	19:18:19.648	19:28:33.286	613.63800
MM	84193	28-MAY-2011	20:36:23.248	20:49:07.251	764.00300
JO	84193	28-MAY-2011	20:55:35.773	21:10:34.492	898.71900
HO	84194	28-MAY-2011	22:09:58.012	22:20:56.320	658.30800
MM	84194	28-MAY-2011	22:16:23.818	22:28:52.658	748.84000
JO	84194	28-MAY-2011	22:37:32.164	22:45:33.098	480.93400
HO	84195	28-MAY-2011	23:46:41.148	00:01:06.909	865.76100
MM	84195	28-MAY-2011	23:57:20.933	00:08:52.223	691.29000

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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

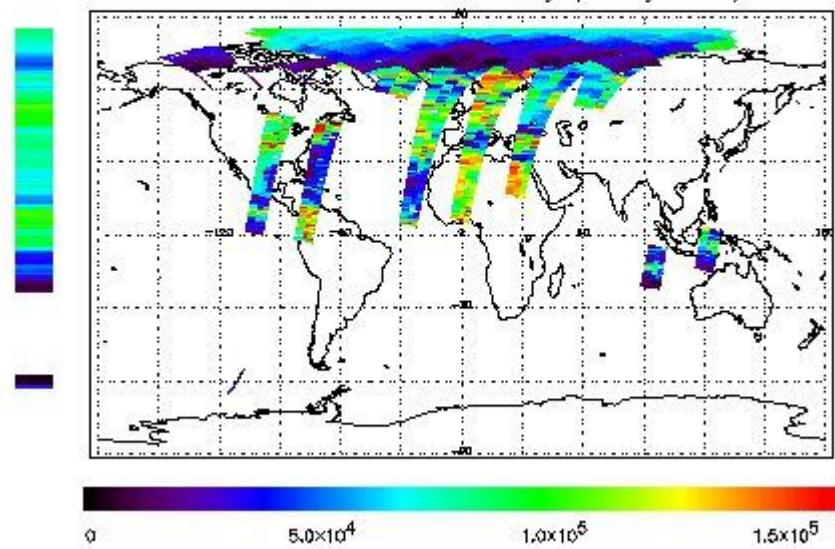
## 2.2 - Daily Plots

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

First Product : 27-MAY-2011 23:48:34.395 : ORBIT : 84181.2532  
 Last Product : 28-MAY-2011 23:40:05.634 : ORBIT : 84195.4733  
 Total Products Processed : 18463 Day : 148 Page : 21

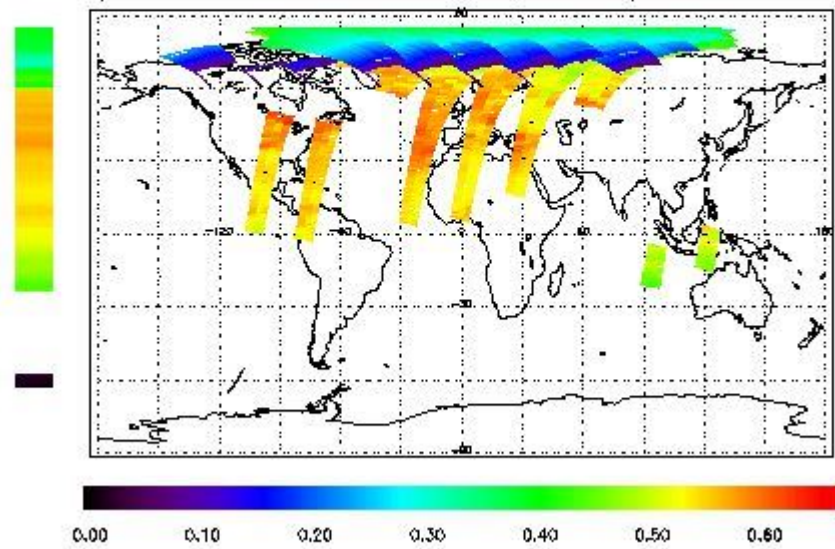
778 nm Uncalibrated Intensity (Binary Units)



### Ozone Line Ratio

First Product : 27-MAY-2011 23:48:34.395 : ORBIT : 84181.2532  
 Last Product : 28-MAY-2011 23:40:05.634 : ORBIT : 84195.4733  
 Total Products Processed : 18463 Day : 148 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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(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