

# GOME Daily Report

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## 1 - General Info

### 1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	27-JUN-2010
Start Time of First Product	23:53:46 (26-Jun)
Stop Time of Last Product	23:46:05
Number of EGOI Products analysed	30
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

### 1.2 - List of received products

Name	Date	Time
EGOI_100627GSEP9464.E2	27-JUN-2010	01:41:15.016
EGOI_100627GSEP9496.E2	27-JUN-2010	03:19:24.609
EGOI_100627GSEP9505.E2	27-JUN-2010	05:14:01.305
EGOI_100627KSEP6687.E2	27-JUN-2010	07:01:01.964
EGOI_100627KSEP6706.E2	27-JUN-2010	08:40:58.070
EGOI_100627KSEP6726.E2	27-JUN-2010	10:20:39.180
EGOI_100627KSEP6747.E2	27-JUN-2010	12:00:09.786
EGOI_100627KSEP6763.E2	27-JUN-2010	13:39:07.385
EGOI_100627KSEP6776.E2	27-JUN-2010	15:17:45.487

EGOI_100627KSEP6803.E2	27-JUN-2010	16:55:11.583
EGOI_100627KSEP6834.E2	27-JUN-2010	18:33:07.680
EGOI_100627KSEP6865.E2	27-JUN-2010	20:11:56.280
EGOI_100627KSEP6893.E2	27-JUN-2010	21:53:07.398
EGOI_100627KSEP6910.E2	27-JUN-2010	23:36:42.532
EGOI_100627MAEP3812.E2	27-JUN-2010	08:48:40.116
EGOI_100627MAEP3825.E2	27-JUN-2010	10:28:06.223
EGOI_100627MAEP3848.E2	27-JUN-2010	20:05:29.245
EGOI_100627MMEP0281.E2	27-JUN-2010	11:08:43.973
EGOI_100627MMEP0288.E2	27-JUN-2010	12:48:37.080
EGOI_100627MMEP0300.E2	27-JUN-2010	19:26:33.502
EGOI_100627MMEP0306.E2	27-JUN-2010	21:05:55.108
EGOI_100627MSEP0341.E2	26-JUN-2010	23:53:45.855
EGOI_100627MSEP0365.E2	27-JUN-2010	10:34:52.767
EGOI_100627MSEP0394.E2	27-JUN-2010	12:13:17.366
EGOI_100627MSEP0421.E2	27-JUN-2010	21:44:55.347
EGOI_100627MSEP0450.E2	27-JUN-2010	23:22:01.938
EGOI_100627SGEP6620.E2	27-JUN-2010	02:19:13.742
EGOI_100627SGEP6627.E2	27-JUN-2010	03:56:56.340
EGOI_100627SGEP6634.E2	27-JUN-2010	14:54:51.347
EGOI_100627SGEP6641.E2	27-JUN-2010	16:33:27.954

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### 1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	79390	27-JUN-2010	06:59:56.240	07:01:01.963	65.723000
KS	79391	27-JUN-2010	08:39:22.484	08:40:58.069	95.585000
KS	79392	27-JUN-2010	10:19:00.105	10:20:39.180	99.075000
KS	79393	27-JUN-2010	11:58:27.688	12:00:09.786	102.09800
KS	79394	27-JUN-2010	13:37:27.034	13:39:07.384	100.35000
KS	79395	27-JUN-2010	15:15:45.518	15:17:45.487	119.96900
KS	79396	27-JUN-2010	16:53:24.457	16:55:11.583	107.12600
KS	79397	27-JUN-2010	18:31:27.763	18:33:07.679	99.916000
KS	79398	27-JUN-2010	20:10:45.835	20:11:56.280	70.445000
KS	79399	27-JUN-2010	21:51:58.868	21:53:07.398	68.530000
GS	79387	27-JUN-2010	01:40:05.195	01:41:15.015	69.820000
MS	79386	26-JUN-2010	23:52:23.174	23:53:45.855	82.681000
MS	79392	27-JUN-2010	10:33:07.043	10:34:52.767	105.72400
MS	79393	27-JUN-2010	12:11:30.017	12:13:17.366	107.34900
MS	79400	27-JUN-2010	23:20:37.434	23:22:01.938	84.504000
MA	79392	27-JUN-2010	10:27:01.876	10:28:06.223	64.347000

MA	79398	27-JUN-2010	20:03:38.755	20:05:29.245	110.49000
MM	79397	27-JUN-2010	19:25:21.696	19:26:33.501	71.805000
MM	79398	27-JUN-2010	21:04:52.871	21:05:55.107	62.236000
SG	79387	27-JUN-2010	02:18:02.262	02:19:13.741	71.479000
SG	79388	27-JUN-2010	03:55:28.579	03:56:56.340	87.761000
SG	79394	27-JUN-2010	14:51:13.874	14:54:51.346	217.47200
SG	79395	27-JUN-2010	16:31:25.164	16:33:27.953	122.78900

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#### 1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	79386	27-JUN-2010	00:46:36.605	01:00:36.379	839.77400
MM	79386	27-JUN-2010	00:58:26.436	01:08:58.400	631.96400
KS	79386	27-JUN-2010	00:09:39.763	00:14:06.320	266.55700
BE	79387	27-JUN-2010	02:05:22.706	02:17:27.973	725.26700
MM	79387	27-JUN-2010	02:41:03.673	02:49:22.449	498.77600
BE	79388	27-JUN-2010	03:44:30.009	03:57:14.134	764.12500
MM	79388	27-JUN-2010	04:24:08.952	04:30:20.075	371.12300
MI	79388	27-JUN-2010	03:13:29.455	03:26:45.304	795.84900
CM	79388	27-JUN-2010	03:13:31.520	03:24:03.357	631.83700
CM	79388	27-JUN-2010	04:52:28.905	05:03:21.851	652.94600
MM	79389	27-JUN-2010	06:06:26.113	06:12:31.248	365.13500
MI	79389	27-JUN-2010	04:55:32.516	05:03:52.184	499.66800
MM	79390	27-JUN-2010	07:47:27.634	07:55:35.916	488.28200
JO	79390	27-JUN-2010	07:25:23.459	07:39:11.748	828.28900
MM	79391	27-JUN-2010	09:27:52.987	09:38:16.600	623.61300
JO	79391	27-JUN-2010	09:04:35.004	09:18:25.465	830.46100
HO	79392	27-JUN-2010	11:18:38.842	11:28:55.494	616.65200
HO	79393	27-JUN-2010	12:56:33.149	13:11:22.586	889.43700
HO	79394	27-JUN-2010	14:36:49.154	14:48:20.782	691.62800
MM	79394	27-JUN-2010	14:27:37.010	14:40:19.975	762.96500
SG	79394	27-JUN-2010	14:51:13.874	15:04:18.530	784.65600
BE	79395	27-JUN-2010	15:01:41.927	15:13:56.694	734.76700
MM	79395	27-JUN-2010	16:07:01.104	16:19:35.515	754.41100
MI	79395	27-JUN-2010	15:33:42.904	15:46:45.389	782.48500
GS	79395	27-JUN-2010	15:27:43.661	15:41:23.723	820.06200

CM	79395	27-JUN-2010	15:37:12.911	15:47:51.460	638.54900
MM	79396	27-JUN-2010	17:46:11.743	17:58:43.916	752.17300
MI	79396	27-JUN-2010	17:14:05.273	17:24:13.994	608.72100
GS	79396	27-JUN-2010	17:07:26.117	17:19:54.854	748.73700
CM	79396	27-JUN-2010	17:16:18.725	17:27:04.860	646.13500
JO	79397	27-JUN-2010	19:45:27.844	19:58:33.731	785.88700
JO	79398	27-JUN-2010	21:24:11.635	21:38:31.367	859.73200
HO	79399	27-JUN-2010	22:37:02.666	22:49:42.878	760.21200
MM	79399	27-JUN-2010	22:45:08.038	22:57:25.451	737.41300
MA	79399	27-JUN-2010	21:43:49.479	21:56:01.370	731.89100

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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

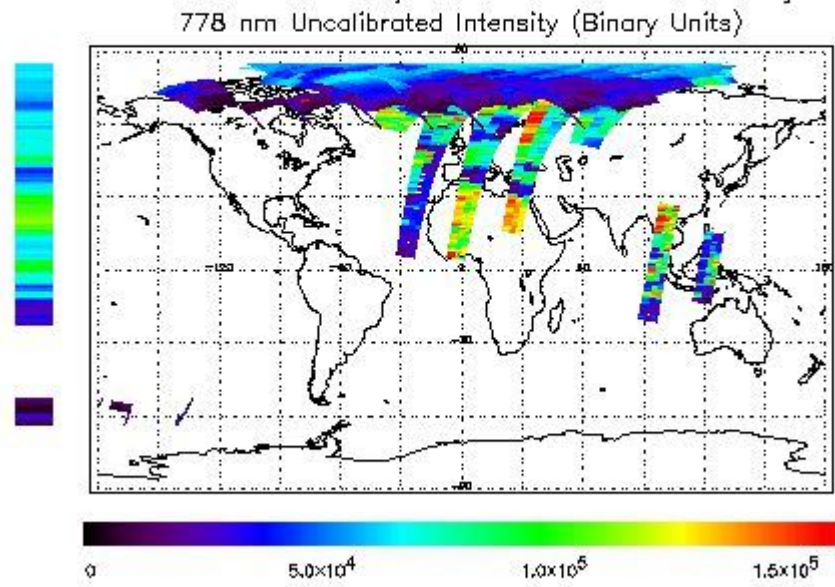
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK
Log Pages	OK
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

## 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](#)

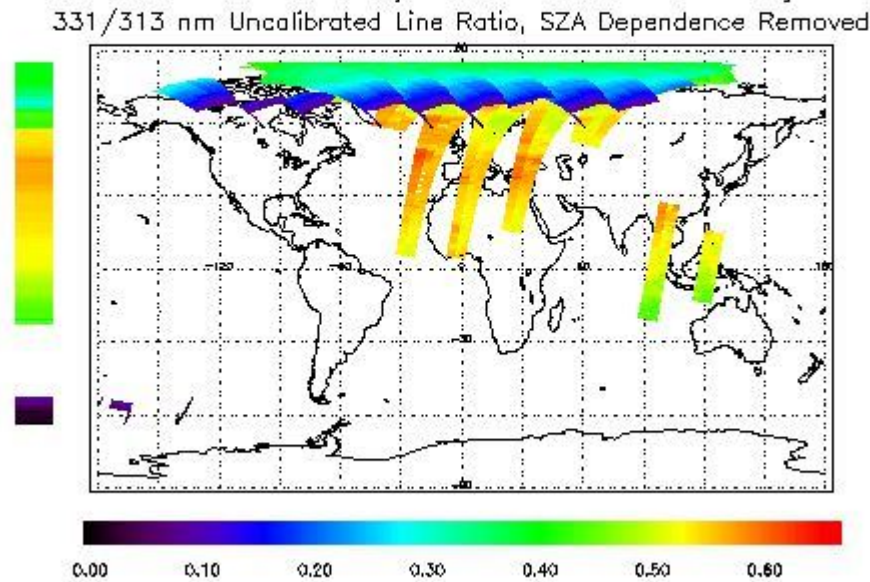
### NEAR IR Intensity

F1ret Product : 26-JUN-2010 23:53:45.855 : ORBIT : 79386.0092  
 Last Product : 27-JUN-2010 23:48:05.082 : ORBIT : 79400.2471  
 Total Products Processed : 14752 Day : 178 Page : 21



### Ozone Line Ratio

F1ret Product : 26-JUN-2010 23:53:45.855 : ORBIT : 79386.0092  
 Last Product : 27-JUN-2010 23:48:05.082 : ORBIT : 79400.2471  
 Total Products Processed : 14752 Day : 178 Page : 20





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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