

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	23-MAR-2011
Start Time of First Product	22-03-2011 23:49:22
Stop Time of Last Product	23:39:54
Number of EGOI Products analysed	32
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110323GSEP8317.E2	23-MAR-2011	01:36:59.431
EGOI_110323GSEP8347.E2	23-MAR-2011	03:14:57.030
EGOI_110323GSEP8357.E2	23-MAR-2011	04:57:42.661
EGOI_110323HLEP9691.E2	23-MAR-2011	11:15:13.468
EGOI_110323KSEP0033.E2	23-MAR-2011	00:05:57.371
EGOI_110323KSEP0056.E2	23-MAR-2011	06:56:11.881
EGOI_110323KSEP0084.E2	23-MAR-2011	08:36:00.497
EGOI_110323KSEP0104.E2	23-MAR-2011	10:15:32.604
EGOI_110323KSEP0133.E2	23-MAR-2011	11:54:54.211

EGOI_110323KSEP0148.E2	23-MAR-2011	13:33:50.319
EGOI_110323KSEP0161.E2	23-MAR-2011	15:12:20.925
EGOI_110323KSEP0173.E2	23-MAR-2011	16:49:57.521
EGOI_110323KSEP0188.E2	23-MAR-2011	18:27:31.116
EGOI_110323KSEP0200.E2	23-MAR-2011	20:06:07.719
EGOI_110323KSEP0218.E2	23-MAR-2011	21:47:00.843
EGOI_110323KSEP0234.E2	23-MAR-2011	23:30:13.473
EGOI_110323MAEP4067.E2	23-MAR-2011	08:43:41.043
EGOI_110323MAEP4081.E2	23-MAR-2011	10:22:35.647
EGOI_110323MAEP4092.E2	23-MAR-2011	19:59:58.684
EGOI_110323MAEP4114.E2	23-MAR-2011	21:39:05.295
EGOI_110323MIEP6600.E2	23-MAR-2011	03:10:30.003
EGOI_110323MIEP6625.E2	23-MAR-2011	04:51:50.126
EGOI_110323MIEP6650.E2	23-MAR-2011	15:29:46.531
EGOI_110323MIEP6677.E2	23-MAR-2011	17:09:42.639
EGOI_110323MMEP9004.E2	23-MAR-2011	00:57:18.685
EGOI_110323MMEP9009.E2	23-MAR-2011	02:40:44.823
EGOI_110323MMEP9021.E2	23-MAR-2011	17:43:50.349
EGOI_110323MSEP1336.E2	22-MAR-2011	23:49:22.769
EGOI_110323MSEP1361.E2	23-MAR-2011	10:30:01.190
EGOI_110323MSEP1390.E2	23-MAR-2011	12:07:52.793
EGOI_110323MSEP1412.E2	23-MAR-2011	21:39:18.796
EGOI_110323MSEP1444.E2	23-MAR-2011	23:15:52.383

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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	83236	22-MAR-2011	23:52:19.126	00:06:48.355	869.22900
MM	83236	23-MAR-2011	00:03:09.004	00:14:35.455	686.45100
HO	83237	23-MAR-2011	01:33:31.005	01:45:08.441	697.43600
MS	83237	23-MAR-2011	00:40:14.141	00:48:49.045	514.90400
BE	83238	23-MAR-2011	02:50:22.149	03:03:44.531	802.38200
SG	83238	23-MAR-2011	03:01:37.771	03:15:05.083	807.31200
CM	83238	23-MAR-2011	03:57:48.331	04:10:11.654	743.32300
BE	83239	23-MAR-2011	04:30:39.498	04:41:02.458	622.96000

MM	83239	23-MAR-2011	05:11:05.072	05:16:52.015	346.94300
SG	83239	23-MAR-2011	04:42:31.564	04:52:19.320	587.75600
MM	83240	23-MAR-2011	06:52:44.022	06:59:37.082	413.06000
CM	83240	23-MAR-2011	05:42:08.655	05:44:49.525	160.87000
JO	83240	23-MAR-2011	06:34:33.509	06:43:24.015	530.50600
MM	83241	23-MAR-2011	08:33:24.820	08:42:38.423	553.60300
JO	83241	23-MAR-2011	08:10:00.072	08:25:00.927	900.85500
MM	83242	23-MAR-2011	10:13:41.432	10:24:53.619	672.18700
JO	83242	23-MAR-2011	09:52:27.585	10:01:56.749	569.16400
HO	83243	23-MAR-2011	12:03:02.251	12:16:30.725	808.47400
MM	83243	23-MAR-2011	11:53:43.829	12:06:04.396	740.56700
MA	83243	23-MAR-2011	11:13:43.567	11:22:45.826	542.25900
HO	83244	23-MAR-2011	13:42:05.676	13:56:32.610	866.93400
MM	83244	23-MAR-2011	13:33:32.458	13:46:15.790	763.33200
MS	83244	23-MAR-2011	12:57:51.169	13:08:08.880	617.71100
SG	83244	23-MAR-2011	14:00:35.362	14:07:31.788	416.42600
BE	83245	23-MAR-2011	14:06:58.853	14:20:23.831	804.97800
HO	83245	23-MAR-2011	15:23:29.995	15:30:49.090	439.09500
MM	83245	23-MAR-2011	15:13:05.489	15:25:44.821	759.33200
GS	83245	23-MAR-2011	14:34:26.852	14:45:24.786	657.93400
SG	83245	23-MAR-2011	15:36:10.105	15:49:59.334	829.22900
BE	83246	23-MAR-2011	15:49:31.147	15:57:56.864	505.71700
MM	83246	23-MAR-2011	16:52:22.546	17:04:54.425	751.87900
GS	83246	23-MAR-2011	16:13:07.083	16:26:58.436	831.35300
CM	83246	23-MAR-2011	16:21:46.012	16:34:10.547	744.53500
GS	83247	23-MAR-2011	17:53:35.726	18:03:24.140	588.41400
CM	83247	23-MAR-2011	18:04:52.837	18:08:28.102	215.26500
MM	83248	23-MAR-2011	20:10:47.284	20:23:30.702	763.41800
JO	83248	23-MAR-2011	20:30:06.071	20:45:01.158	895.08700

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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

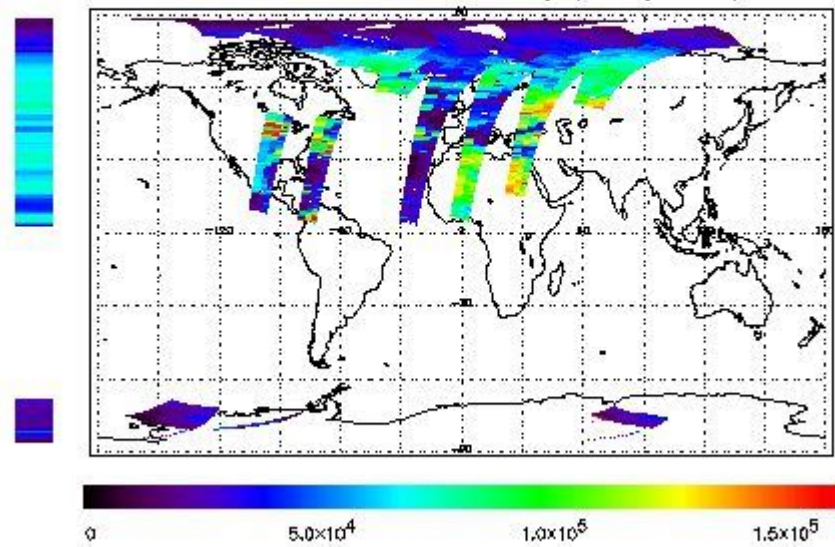
2.2 - Daily Plots

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 : 22-MAR-2011 23:49:22.769 : ORBIT : 83236.5084
 Last Product : 23-MAR-2011 23:39:54.031 : ORBIT : 83250.7285
 Total Products Processed : 15348 Day : 82 Page : 21

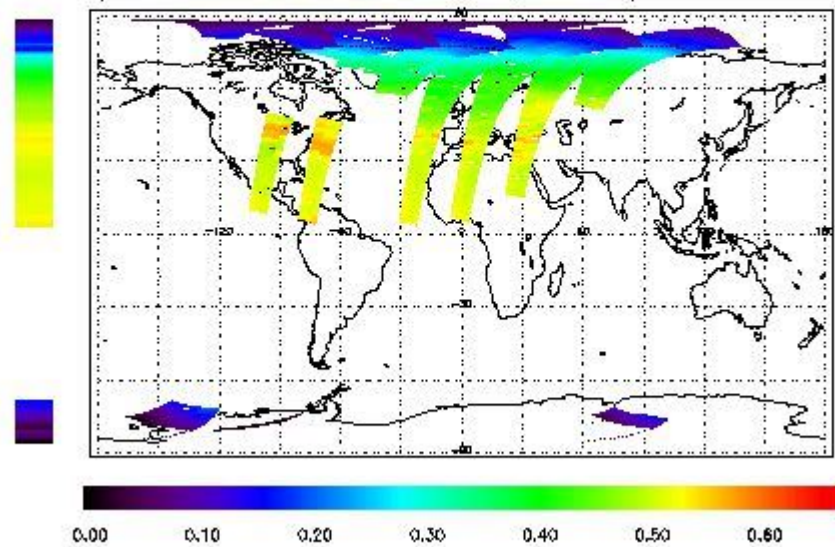
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 22-MAR-2011 23:49:22.769 : ORBIT : 83236.5084
 Last Product : 23-MAR-2011 23:39:54.031 : ORBIT : 83250.7285
 Total Products Processed : 15348 Day : 82 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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