

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	18-MAY-2011
Start Time of First Product	23:37:53 (17-May)
Stop Time of Last Product	22:33:49
Number of EGOI Products analysed	34
Number of corrupted products	--
Anomalies and/or Special Operations	no solar calibration measurements available due to the execution of an ERS2 orbit manoeuvre

1.2 - List of received products

Name	Date	Time
EGOI_110518CMEP6621.E2	18-MAY-2011	03:41:55.660
EGOI_110518CMEP6630.E2	18-MAY-2011	05:23:18.773
EGOI_110518CMEP6636.E2	18-MAY-2011	16:05:00.197
EGOI_110518CMEP6647.E2	18-MAY-2011	17:46:26.315
EGOI_110518GSEP2401.E2	18-MAY-2011	00:34:15.508
EGOI_110518GSEP2423.E2	18-MAY-2011	02:09:22.090
EGOI_110518GSEP2448.E2	18-MAY-2011	03:48:46.699
EGOI_110518GSEP2458.E2	18-MAY-2011	05:31:27.828
EGOI_110518HLEP0421.E2	17-MAY-2011	23:37:52.667

EGOI_110518HLEP0431.E2	18-MAY-2011	11:47:31.622
EGOI_110518KSEP1690.E2	18-MAY-2011	07:29:30.045
EGOI_110518KSEP1720.E2	18-MAY-2011	09:09:21.655
EGOI_110518KSEP1742.E2	18-MAY-2011	10:48:56.770
EGOI_110518KSEP1768.E2	18-MAY-2011	12:28:06.376
EGOI_110518KSEP1785.E2	18-MAY-2011	14:06:57.974
EGOI_110518KSEP1799.E2	18-MAY-2011	15:44:51.072
EGOI_110518KSEP1810.E2	18-MAY-2011	17:22:32.175
EGOI_110518KSEP1840.E2	18-MAY-2011	19:00:13.273
EGOI_110518KSEP1849.E2	18-MAY-2011	20:39:33.379
EGOI_110518KSEP1867.E2	18-MAY-2011	22:21:35.501
EGOI_110518MAEP7479.E2	18-MAY-2011	10:56:08.812
EGOI_110518MAEP7491.E2	18-MAY-2011	20:34:40.846
EGOI_110518MAEP7507.E2	18-MAY-2011	22:13:23.453
EGOI_110518MIEP2381.E2	18-MAY-2011	02:07:05.574
EGOI_110518MIEP2402.E2	18-MAY-2011	03:43:55.672
EGOI_110518MIEP2421.E2	18-MAY-2011	14:26:47.595
EGOI_110518MIEP2448.E2	18-MAY-2011	16:03:19.685
EGOI_110518MIEP2471.E2	18-MAY-2011	17:44:29.303
EGOI_110518MSEP8022.E2	18-MAY-2011	00:23:46.949
EGOI_110518MSEP8047.E2	18-MAY-2011	11:02:08.849
EGOI_110518MSEP8074.E2	18-MAY-2011	12:41:30.451
EGOI_110518SGEP3265.E2	18-MAY-2011	02:51:28.344
EGOI_110518SGEP3271.E2	18-MAY-2011	04:28:25.937
EGOI_110518SGEP3279.E2	18-MAY-2011	17:03:06.553

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
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[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	84038	18-MAY-2011	00:32:01.443	00:46:32.324	870.88100
MM	84038	18-MAY-2011	00:43:51.559	00:54:39.322	647.76300
KS	84038	17-MAY-2011	23:54:12.981	00:00:16.041	363.06000
BE	84039	18-MAY-2011	01:51:29.318	02:02:42.858	673.54000
MM	84039	18-MAY-2011	02:26:21.077	02:35:00.483	519.40600
SG	84039	18-MAY-2011	02:05:04.776	02:12:46.618	461.84200
BE	84040	18-MAY-2011	03:30:11.456	03:43:18.207	786.75100
MM	84040	18-MAY-2011	04:09:26.267	04:15:51.182	384.91500

MM	84041	18-MAY-2011	05:51:54.733	05:57:50.270	355.53700
MI	84041	18-MAY-2011	04:40:18.296	04:50:31.976	613.68000
MM	84042	18-MAY-2011	07:33:04.717	07:40:52.398	467.68100
JO	84042	18-MAY-2011	07:11:43.855	07:24:42.471	778.61600
MM	84043	18-MAY-2011	09:13:33.453	09:23:39.806	606.35300
MA	84043	18-MAY-2011	08:33:56.123	08:46:05.424	729.30100
JO	84043	18-MAY-2011	08:50:02.299	09:04:29.544	867.24500
HO	84044	18-MAY-2011	11:05:10.973	11:13:57.528	526.55500
MM	84044	18-MAY-2011	10:53:43.975	11:05:29.736	705.76100
HO	84045	18-MAY-2011	12:42:26.073	12:57:09.795	883.72200
MM	84045	18-MAY-2011	12:33:41.026	12:46:15.334	754.30800
MA	84045	18-MAY-2011	11:55:05.038	11:59:33.747	268.70900
HO	84046	18-MAY-2011	14:22:22.825	14:34:55.518	752.69300
MM	84046	18-MAY-2011	14:13:23.645	14:26:07.269	763.62400
SG	84046	18-MAY-2011	14:37:30.287	14:49:44.277	733.99000
BE	84047	18-MAY-2011	14:47:07.891	14:59:56.526	768.63500
MM	84047	18-MAY-2011	15:52:50.073	16:05:25.672	755.59900
GS	84047	18-MAY-2011	15:13:37.427	15:26:57.037	799.61000
SG	84047	18-MAY-2011	16:16:37.878	16:28:49.141	731.26300
MM	84048	18-MAY-2011	17:32:02.113	17:44:33.839	751.72600
GS	84048	18-MAY-2011	16:53:05.871	17:06:06.504	780.63300
MM	84049	18-MAY-2011	19:11:10.971	19:23:49.761	758.79000
JO	84049	18-MAY-2011	19:31:47.024	19:43:41.444	714.42000
MM	84050	18-MAY-2011	20:50:37.636	21:03:21.359	763.72300
JO	84050	18-MAY-2011	21:09:51.559	21:24:36.548	884.98900
HO	84051	18-MAY-2011	22:23:26.255	22:35:22.559	716.30400
MM	84051	18-MAY-2011	22:30:45.323	22:43:08.914	743.59100
MS	84052	18-MAY-2011	23:06:23.808	23:19:51.612	807.80400
KS	84052	18-MAY-2011	23:20:51.563	23:29:22.830	511.26700

[[BACK TO MENU](#)]

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

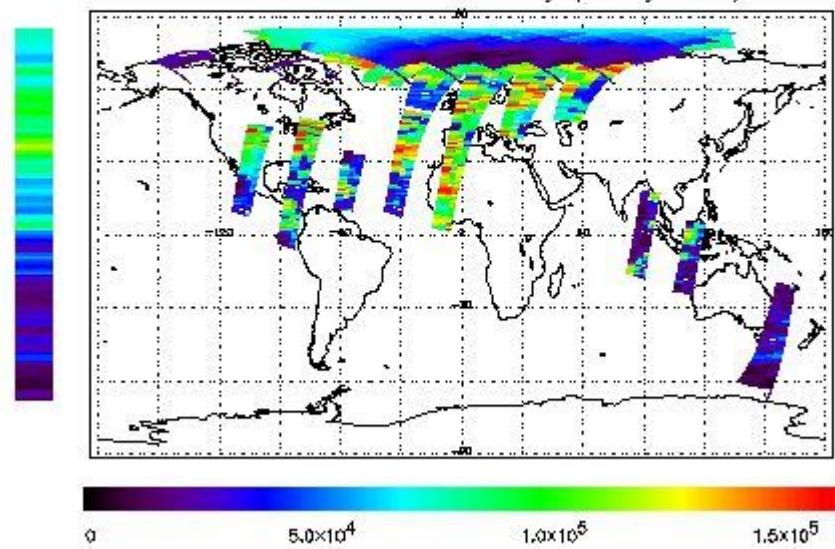
2.2 - Daily Plots

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 : 17-MAY-2011 23:37:52.667 : ORBIT : 84037.9941
 Last Product : 18-MAY-2011 22:33:49.079 : ORBIT : 84051.6716
 Total Products Processed : 15541 Day : 138 Page : 21

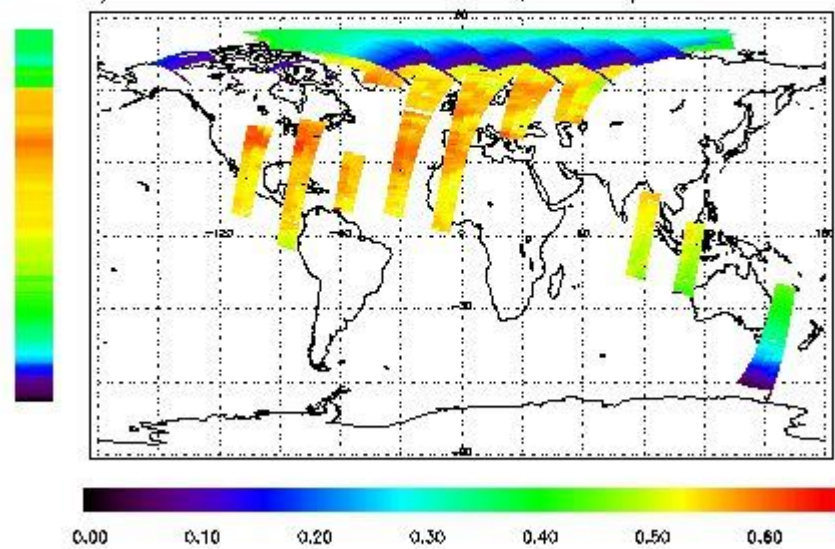
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 17-MAY-2011 23:37:52.667 : ORBIT : 84037.9941
 Last Product : 18-MAY-2011 22:33:49.079 : ORBIT : 84051.6716
 Total Products Processed : 15541 Day : 138 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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