

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	04-MAY-2011
Start Time of First Product	23:49:30 (03-May)
Stop Time of Last Product	23:40:02
Number of EGOI Products analysed	32
Number of corrupted products	--
Anomalies and/or Special Operations	no solar calibration measurements available due to the execution of an ERS2 orbit manoeuvre; Narrow Swath performed as planned, start orbit: 83848

1.2 - List of received products

Name	Date	Time
EGOI_110504CMEP6220.E2	04-MAY-2011	03:09:55.723
EGOI_110504CMEP6228.E2	04-MAY-2011	04:51:08.341
EGOI_110504CMEP6236.E2	04-MAY-2011	15:32:57.270
EGOI_110504CMEP6245.E2	04-MAY-2011	17:11:18.627
EGOI_110504GSEP1365.E2	04-MAY-2011	01:36:59.649
EGOI_110504GSEP1395.E2	04-MAY-2011	03:15:00.251
EGOI_110504GSEP1405.E2	04-MAY-2011	04:57:51.886
EGOI_110504KSEP8709.E2	04-MAY-2011	00:05:27.590
EGOI_110504KSEP8726.E2	04-MAY-2011	06:56:16.605

EGOI_110504KSEP8753.E2	04-MAY-2011	08:36:08.215
EGOI_110504KSEP8773.E2	04-MAY-2011	10:15:40.326
EGOI_110504KSEP8802.E2	04-MAY-2011	11:55:01.937
EGOI_110504KSEP8817.E2	04-MAY-2011	13:33:58.047
EGOI_110504KSEP8837.E2	04-MAY-2011	15:12:27.145
EGOI_110504KSEP8853.E2	04-MAY-2011	16:49:54.502
EGOI_110504KSEP8868.E2	04-MAY-2011	18:27:28.100
EGOI_110504KSEP8875.E2	04-MAY-2011	20:06:31.703
EGOI_110504KSEP8892.E2	04-MAY-2011	21:47:21.821
EGOI_110504KSEP8906.E2	04-MAY-2011	23:31:02.954
EGOI_110504MAEP6583.E2	04-MAY-2011	08:46:59.282
EGOI_110504MAEP6598.E2	04-MAY-2011	10:22:38.867
EGOI_110504MAEP6609.E2	04-MAY-2011	20:00:06.166
EGOI_110504MAEP6631.E2	04-MAY-2011	21:39:12.770
EGOI_110504MIEP0921.E2	04-MAY-2011	03:10:21.223
EGOI_110504MIEP0944.E2	04-MAY-2011	04:51:35.345
EGOI_110504MIEP0971.E2	04-MAY-2011	15:29:31.746
EGOI_110504MIEP0998.E2	04-MAY-2011	17:09:18.615
EGOI_110504MSEP6359.E2	03-MAY-2011	23:49:30.492
EGOI_110504MSEP6384.E2	04-MAY-2011	10:30:10.417
EGOI_110504MSEP6413.E2	04-MAY-2011	12:07:59.019
EGOI_110504MSEP6435.E2	04-MAY-2011	21:39:32.270
EGOI_110504MSEP6467.E2	04-MAY-2011	23:16:01.364

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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	83838	04-MAY-2011	01:12:47.825	01:25:45.766	777.94100
MM	83838	04-MAY-2011	01:24:44.462	01:34:45.564	601.10200
MS	83838	04-MAY-2011	00:18:57.897	00:29:52.264	654.36700
BE	83839	04-MAY-2011	02:30:36.246	02:43:38.970	782.72400
MM	83839	04-MAY-2011	03:07:33.916	03:15:15.619	461.70300
SG	83839	04-MAY-2011	02:42:17.751	02:54:46.453	748.70200
BE	83840	04-MAY-2011	04:10:23.043	04:22:02.094	699.05100
MM	83840	04-MAY-2011	04:50:34.911	04:56:28.251	353.34000
SG	83840	04-MAY-2011	04:21:40.696	04:33:35.560	714.86400
MM	83841	04-MAY-2011	06:32:30.467	06:38:59.874	389.40700

CM	83841	04-MAY-2011	05:19:28.212	05:27:36.150	487.93800
MM	83842	04-MAY-2011	08:13:19.239	08:22:04.633	525.39400
JO	83842	04-MAY-2011	07:50:19.783	08:05:03.672	883.88900
MM	83843	04-MAY-2011	09:53:39.358	10:04:31.593	652.23500
JO	83843	04-MAY-2011	09:31:11.501	09:43:10.589	719.08800
MM	83844	04-MAY-2011	11:33:44.411	11:45:55.368	730.95700
MM	83845	04-MAY-2011	13:13:35.912	13:26:17.563	761.65100
HO	83846	04-MAY-2011	15:03:00.416	15:11:56.324	535.90800
MM	83846	04-MAY-2011	14:53:12.215	15:05:53.335	761.12000
MI	83846	04-MAY-2011	14:23:33.685	14:28:32.869	299.18400
GS	83846	04-MAY-2011	14:15:08.987	14:24:51.348	582.36100
SG	83846	04-MAY-2011	15:16:20.330	15:30:09.961	829.63100
BE	83847	04-MAY-2011	15:28:18.720	15:38:54.298	635.57800
MM	83847	04-MAY-2011	16:32:32.231	16:45:04.939	752.70800
GS	83847	04-MAY-2011	15:53:13.017	16:07:08.897	835.88000
SG	83847	04-MAY-2011	16:58:57.586	17:05:41.353	403.76700
MM	83848	04-MAY-2011	18:11:41.040	18:24:14.621	753.58100
GS	83848	04-MAY-2011	17:33:20.234	17:44:31.056	670.82200
MM	83849	04-MAY-2011	19:50:54.147	20:03:36.381	762.23400
JO	83849	04-MAY-2011	20:10:26.763	20:24:52.333	865.57000
MM	83850	04-MAY-2011	21:30:34.627	21:43:14.584	759.95700
JO	83850	04-MAY-2011	21:50:11.973	22:03:13.772	781.79900
HO	83851	04-MAY-2011	23:01:58.891	23:15:29.547	810.65600
MM	83851	04-MAY-2011	23:11:04.106	23:23:07.922	723.81600
MA	83851	04-MAY-2011	22:11:22.164	22:20:55.033	572.86900
MS	83852	04-MAY-2011	23:46:33.577	23:59:20.393	766.81600

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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

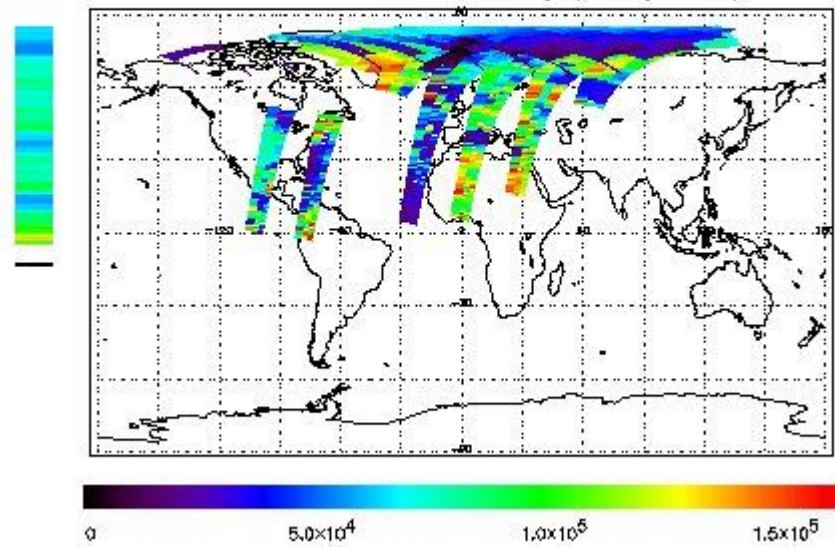
2.2 - Daily Plots

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 : 03-MAY-2011 23:48:30.492 : ORBIT : 83837.7097
 Last Product : 04-MAY-2011 23:40:01.508 : ORBIT : 83851.9297
 Total Products Processed : 15619 Day : 124 Page : 21

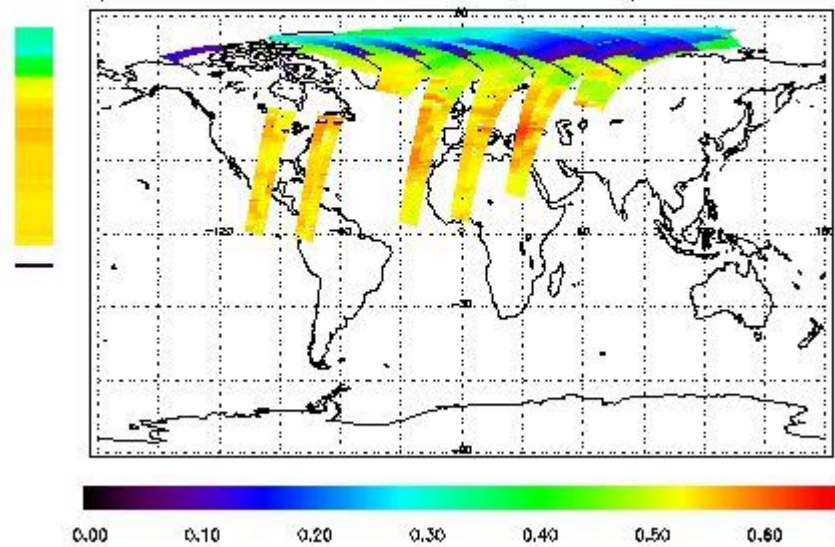
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 03-MAY-2011 23:48:30.492 : ORBIT : 83837.7097
 Last Product : 04-MAY-2011 23:40:01.508 : ORBIT : 83851.9297
 Total Products Processed : 15619 Day : 124 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
18:00	--	83848	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
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