

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	22-APR-2011
Start Time of First Product	23:49:29 (21-Apr)
Stop Time of Last Product	23:40:00
Number of EGOI Products analysed	37
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110422CMEP5899.E2	22-APR-2011	03:10:01.274
EGOI_110422CMEP5907.E2	22-APR-2011	17:11:18.420
EGOI_110422GSEP0411.E2	22-APR-2011	01:36:51.707
EGOI_110422GSEP0441.E2	22-APR-2011	03:14:58.301
EGOI_110422GSEP0451.E2	22-APR-2011	04:57:39.430
EGOI_110422HLEP0002.E2	22-APR-2011	22:32:57.893
EGOI_110422HLEP9984.E2	22-APR-2011	11:15:17.745
EGOI_110422HLEP9994.E2	22-APR-2011	12:52:58.840
EGOI_110422KSEP6480.E2	22-APR-2011	00:06:01.647

EGOI_110422KSEP6496.E2	22-APR-2011	06:56:19.156
EGOI_110422KSEP6524.E2	22-APR-2011	08:36:06.274
EGOI_110422KSEP6542.E2	22-APR-2011	10:15:39.877
EGOI_110422KSEP6570.E2	22-APR-2011	11:54:59.988
EGOI_110422KSEP6592.E2	22-APR-2011	13:33:56.094
EGOI_110422KSEP6613.E2	22-APR-2011	15:12:28.192
EGOI_110422KSEP6627.E2	22-APR-2011	16:50:07.795
EGOI_110422KSEP6642.E2	22-APR-2011	18:27:35.390
EGOI_110422KSEP6649.E2	22-APR-2011	20:06:13.496
EGOI_110422KSEP6666.E2	22-APR-2011	21:47:06.614
EGOI_110422KSEP6681.E2	22-APR-2011	23:30:19.244
EGOI_110422MAEP5853.E2	22-APR-2011	08:44:04.813
EGOI_110422MAEP5867.E2	22-APR-2011	10:23:05.426
EGOI_110422MAEP5878.E2	22-APR-2011	19:59:47.953
EGOI_110422MAEP5899.E2	22-APR-2011	21:39:12.563
EGOI_110422MIEP9625.E2	22-APR-2011	03:10:19.274
EGOI_110422MIEP9650.E2	22-APR-2011	04:51:25.895
EGOI_110422MIEP9677.E2	22-APR-2011	15:29:34.298
EGOI_110422MIEP9705.E2	22-APR-2011	17:09:24.408
EGOI_110422MSEP4905.E2	21-APR-2011	23:49:28.546
EGOI_110422MSEP4930.E2	22-APR-2011	10:30:06.972
EGOI_110422MSEP4959.E2	22-APR-2011	12:07:58.570
EGOI_110422MSEP4981.E2	22-APR-2011	21:39:32.067
EGOI_110422MSEP5013.E2	22-APR-2011	23:16:02.654
EGOI_110422SGEP2914.E2	22-APR-2011	02:15:35.438
EGOI_110422SGEP2921.E2	22-APR-2011	03:53:58.543
EGOI_110422SGEP2928.E2	22-APR-2011	14:49:46.059
EGOI_110422SGEP2935.E2	22-APR-2011	16:27:40.654

[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	83666	22-APR-2011	00:49:31.324	01:03:24.491	833.16700
MM	83666	22-APR-2011	01:01:21.569	01:11:50.255	628.68600
BE	83667	22-APR-2011	02:08:10.116	02:20:23.842	733.72600
MM	83667	22-APR-2011	02:44:00.278	02:52:14.915	494.63700
MI	83667	22-APR-2011	01:43:03.306	01:46:00.466	177.16000
BE	83668	22-APR-2011	03:47:22.064	04:00:00.553	758.48900

MM	83668	22-APR-2011	04:27:05.372	04:33:14.044	368.67200
MM	83669	22-APR-2011	06:09:20.184	06:15:27.601	367.41700
MM	83670	22-APR-2011	07:50:20.135	07:58:32.554	492.41900
JO	83670	22-APR-2011	07:28:08.447	07:42:04.946	836.49900
MM	83671	22-APR-2011	09:30:44.856	09:41:11.808	626.95200
JO	83671	22-APR-2011	09:07:30.634	09:21:11.854	821.22000
HO	83672	22-APR-2011	11:21:21.070	11:31:59.544	638.47400
MM	83672	22-APR-2011	11:10:52.993	11:22:50.556	717.56300
HO	83673	22-APR-2011	12:59:23.290	13:14:12.704	889.41400
MM	83673	22-APR-2011	12:50:47.694	13:03:25.859	758.16500
HO	83674	22-APR-2011	14:39:42.820	14:50:47.519	664.69900
MM	83674	22-APR-2011	14:30:27.644	14:43:10.441	762.79700
SG	83674	22-APR-2011	14:53:59.841	15:07:12.235	792.39400
BE	83675	22-APR-2011	15:04:37.743	15:16:44.138	726.39500
MM	83675	22-APR-2011	16:09:51.277	16:22:25.467	754.19000
GS	83675	22-APR-2011	15:30:33.226	15:44:16.328	823.10200
CM	83675	22-APR-2011	15:39:57.086	15:50:48.563	651.47700
MM	83676	22-APR-2011	17:49:01.666	18:01:33.959	752.29300
GS	83676	22-APR-2011	17:10:18.416	17:22:39.847	741.43100
MM	83677	22-APR-2011	19:28:11.892	19:40:52.271	760.37900
JO	83677	22-APR-2011	19:48:13.194	20:01:30.714	797.52000
MM	83678	22-APR-2011	21:07:44.027	21:20:26.718	762.69100
JO	83678	22-APR-2011	21:27:04.192	21:41:17.421	853.22900
HO	83679	22-APR-2011	22:39:46.748	22:52:34.712	767.96400
MM	83679	22-APR-2011	22:48:00.732	23:00:16.794	736.06200

[[BACK TO MENU](#)]

1.5 - List of corrupted products

Station	Orbit	Time
MI	83675	15:42:07.375

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

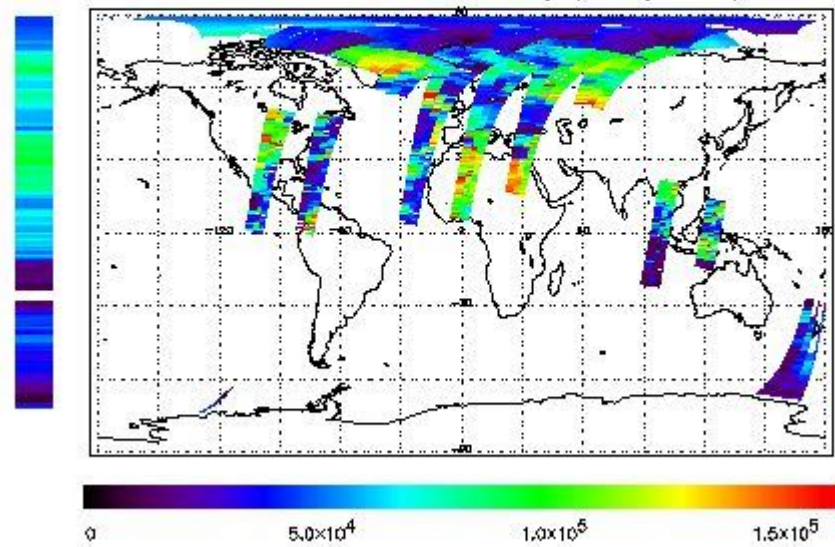
2.2 - Daily Plots

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 : 21-APR-2011 23:48:28.546 : ORBIT : 83665.9380
 Last Product : 22-APR-2011 23:39:59.802 : ORBIT : 83680.1580
 Total Products Processed : 17672 Day : 112 Page : 21

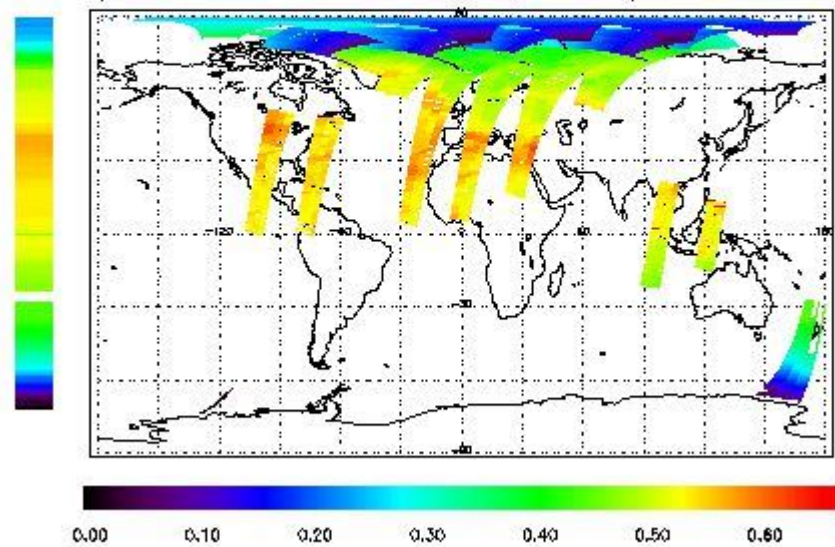
778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

First Product : 21-APR-2011 23:48:28.546 : ORBIT : 83665.9380
 Last Product : 22-APR-2011 23:39:59.802 : ORBIT : 83680.1580
 Total Products Processed : 17672 Day : 112 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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