

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	24-APR-2011
Start Time of First Product	00:23:40
Stop Time of Last Product	22:33:45
Number of EGOI Products analysed	31
Number of corrupted products	--
Anomalies and/or Special Operations	Narrow Swath performed as planned, start orbit:83707

1.2 - List of received products

Name	Date	Time
EGOI_110424CMEP5948.E2	24-APR-2011	03:41:59.602
EGOI_110424CMEP5956.E2	24-APR-2011	05:23:27.219
EGOI_110424CMEP5964.E2	24-APR-2011	16:04:59.646
EGOI_110424CMEP5974.E2	24-APR-2011	17:45:24.261
EGOI_110424GSEP0564.E2	24-APR-2011	00:34:08.944
EGOI_110424GSEP0586.E2	24-APR-2011	02:09:17.032
EGOI_110424GSEP0613.E2	24-APR-2011	03:48:43.137
EGOI_110424GSEP0622.E2	24-APR-2011	05:31:22.768
EGOI_110424KSEP6915.E2	24-APR-2011	07:29:26.491

EGOI_110424KSEP6945.E2	24-APR-2011	09:09:18.102
EGOI_110424KSEP6969.E2	24-APR-2011	10:48:53.216
EGOI_110424KSEP6996.E2	24-APR-2011	12:28:02.820
EGOI_110424KSEP7013.E2	24-APR-2011	14:06:55.929
EGOI_110424KSEP7034.E2	24-APR-2011	15:44:59.525
EGOI_110424KSEP7048.E2	24-APR-2011	17:22:37.624
EGOI_110424KSEP7078.E2	24-APR-2011	19:00:09.304
EGOI_110424KSEP7101.E2	24-APR-2011	20:39:33.915
EGOI_110424KSEP7121.E2	24-APR-2011	22:21:15.037
EGOI_110424MAEP6008.E2	24-APR-2011	10:56:26.258
EGOI_110424MIEP9840.E2	24-APR-2011	02:06:38.012
EGOI_110424MIEP9863.E2	24-APR-2011	03:43:31.110
EGOI_110424MIEP9882.E2	24-APR-2011	14:26:20.046
EGOI_110424MIEP9909.E2	24-APR-2011	16:02:32.630
EGOI_110424MIEP9933.E2	24-APR-2011	17:44:01.753
EGOI_110424MSEP5157.E2	24-APR-2011	00:23:40.381
EGOI_110424MSEP5186.E2	24-APR-2011	11:02:05.296
EGOI_110424MSEP5213.E2	24-APR-2011	12:41:26.902
EGOI_110424MSEP5244.E2	24-APR-2011	22:10:58.474
EGOI_110424SGEP2966.E2	24-APR-2011	02:46:48.762
EGOI_110424SGEP2973.E2	24-APR-2011	04:26:13.368
EGOI_110424SGEP2981.E2	24-APR-2011	17:04:43.518

[[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	83694	23-APR-2011	23:46:41.148	00:01:06.909	865.76100
MM	83694	23-APR-2011	23:57:20.933	00:08:52.223	691.29000
HO	83695	24-APR-2011	01:27:36.483	01:39:37.589	721.10600
MM	83695	24-APR-2011	01:39:22.867	01:49:05.590	582.72300
BE	83696	24-APR-2011	02:44:42.662	02:58:01.419	798.75700
MM	83696	24-APR-2011	03:22:17.930	03:29:39.571	441.64100
CM	83696	24-APR-2011	03:52:10.774	04:04:29.725	738.95100
BE	83697	24-APR-2011	04:24:51.000	04:35:38.351	647.35100
MM	83697	24-APR-2011	05:05:13.938	05:11:01.994	348.05600
MM	83698	24-APR-2011	06:46:57.544	06:53:43.506	405.96200
KS	83698	24-APR-2011	06:00:56.058	06:06:04.014	307.95600

CM	83698	24-APR-2011	05:35:14.637	05:40:19.321	304.68400
JO	83698	24-APR-2011	06:29:27.688	06:37:19.850	472.16200
MM	83699	24-APR-2011	08:27:40.464	08:36:46.101	545.63700
JO	83699	24-APR-2011	08:04:21.443	08:19:19.694	898.25100
MM	83700	24-APR-2011	10:07:58.038	10:19:04.737	666.69900
MA	83700	24-APR-2011	09:27:21.837	09:40:56.955	815.11800
JO	83700	24-APR-2011	09:46:18.587	09:56:38.899	620.31200
HO	83701	24-APR-2011	11:57:24.819	12:10:38.137	793.31800
MM	83701	24-APR-2011	11:48:01.192	12:00:19.209	738.01700
HO	83702	24-APR-2011	13:36:22.915	13:50:57.622	874.70700
MM	83702	24-APR-2011	13:27:50.651	13:40:33.621	762.97000
BE	83703	24-APR-2011	14:01:18.843	14:14:42.899	804.05600
HO	83703	24-APR-2011	15:17:38.213	15:25:29.832	471.61900
MM	83703	24-APR-2011	15:07:24.623	15:20:04.484	759.86100
GS	83703	24-APR-2011	14:28:54.358	14:39:54.516	660.15800
SG	83703	24-APR-2011	15:30:28.629	15:44:21.028	832.39900
BE	83704	24-APR-2011	15:43:23.805	15:52:33.441	549.63600
MM	83704	24-APR-2011	16:46:42.500	16:59:14.567	752.06700
GS	83704	24-APR-2011	16:07:25.547	16:21:19.629	834.08200
MM	83705	24-APR-2011	18:25:50.731	18:38:25.369	754.63800
GS	83705	24-APR-2011	17:47:47.678	17:58:01.924	614.24600
MM	83706	24-APR-2011	20:05:06.265	20:17:49.397	763.13200
MA	83706	24-APR-2011	19:08:33.315	19:15:54.623	441.30800
JO	83706	24-APR-2011	20:24:28.116	20:39:17.291	889.17500
MM	83707	24-APR-2011	21:44:52.556	21:57:29.907	757.35100
MA	83707	24-APR-2011	20:42:54.086	20:56:36.208	822.12200
JO	83707	24-APR-2011	22:04:47.373	22:16:43.868	716.49500
HO	83708	24-APR-2011	23:15:43.075	23:29:47.271	844.19600
MM	83708	24-APR-2011	23:25:30.401	23:37:25.224	714.82300
MA	83708	24-APR-2011	22:26:36.305	22:34:29.670	473.36500

[[BACK TO MENU](#)]

1.5 - List of corrupted products

Station	Orbit	Time
SG	83688	14:16:00.664

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

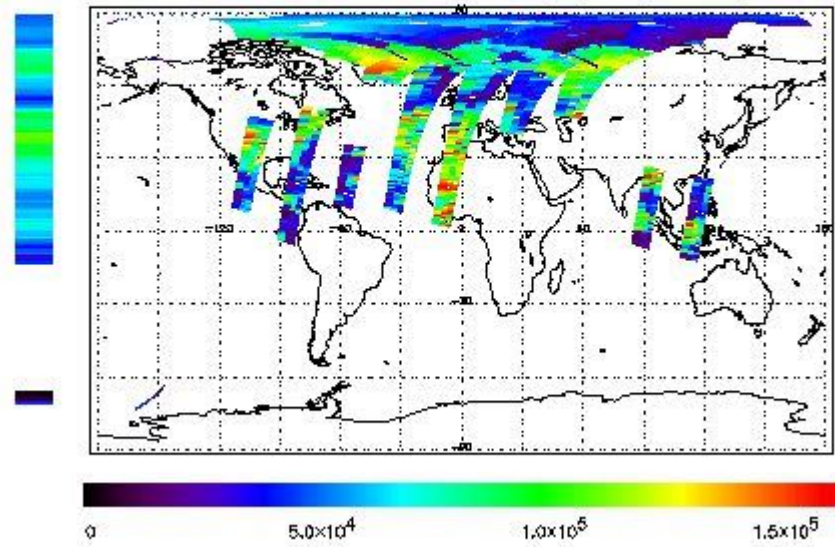
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration 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](#)

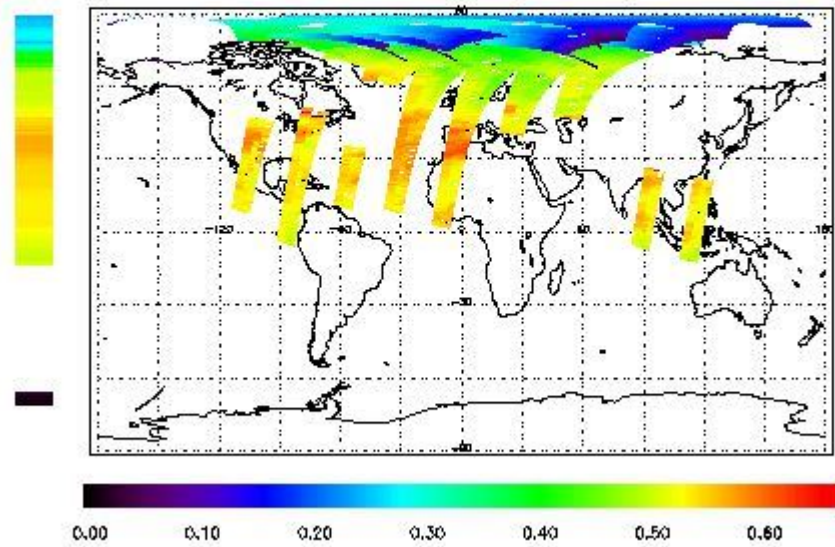
NEAR IR Intensity

778 nm Uncalibrated Intensity (Binary Units)



Ozone Line Ratio

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
20:30	--	83707	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
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