

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	23-APR-2011
Start Time of First Product	00:10:31
Stop Time of Last Product	23:06:56
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_110423CMEP5915.E2	23-APR-2011	02:38:57.894
EGOI_110423CMEP5923.E2	23-APR-2011	04:15:10.488
EGOI_110423CMEP5931.E2	23-APR-2011	15:01:21.942
EGOI_110423CMEP5939.E2	23-APR-2011	16:37:45.034
EGOI_110423GSEP0476.E2	23-APR-2011	01:05:10.828
EGOI_110423GSEP0508.E2	23-APR-2011	02:42:00.914
EGOI_110423GSEP0537.E2	23-APR-2011	04:23:01.531
EGOI_110423GSEP0544.E2	23-APR-2011	06:05:08.164
EGOI_110423HLEP0010.E2	23-APR-2011	00:10:31.486

EGOI_110423KSEP6693.E2	23-APR-2011	06:23:14.265
EGOI_110423KSEP6715.E2	23-APR-2011	08:03:01.379
EGOI_110423KSEP6741.E2	23-APR-2011	09:42:28.990
EGOI_110423KSEP6764.E2	23-APR-2011	11:21:59.596
EGOI_110423KSEP6781.E2	23-APR-2011	13:01:00.202
EGOI_110423KSEP6790.E2	23-APR-2011	14:39:41.305
EGOI_110423KSEP6804.E2	23-APR-2011	16:17:34.403
EGOI_110423KSEP6832.E2	23-APR-2011	17:55:09.507
EGOI_110423KSEP6855.E2	23-APR-2011	19:32:59.601
EGOI_110423KSEP6877.E2	23-APR-2011	21:13:10.719
EGOI_110423KSEP6893.E2	23-APR-2011	22:55:36.842
EGOI_110423MAEP5916.E2	23-APR-2011	08:11:32.925
EGOI_110423MAEP5937.E2	23-APR-2011	09:49:59.035
EGOI_110423MAEP5954.E2	23-APR-2011	19:27:50.569
EGOI_110423MAEP5975.E2	23-APR-2011	21:05:40.667
EGOI_110423MAEP5989.E2	23-APR-2011	22:48:33.797
EGOI_110423MIEP9732.E2	23-APR-2011	02:37:54.890
EGOI_110423MIEP9761.E2	23-APR-2011	04:16:49.496
EGOI_110423MIEP9787.E2	23-APR-2011	14:57:12.914
EGOI_110423MIEP9817.E2	23-APR-2011	16:35:37.517
EGOI_110423MSEP5033.E2	23-APR-2011	00:59:10.789
EGOI_110423MSEP5048.E2	23-APR-2011	09:58:29.088
EGOI_110423MSEP5077.E2	23-APR-2011	11:34:59.679
EGOI_110423MSEP5101.E2	23-APR-2011	13:15:40.789
EGOI_110423MSEP5131.E2	23-APR-2011	22:43:11.272
EGOI_110423SGEP2945.E2	23-APR-2011	05:01:36.265
EGOI_110423SGEP2951.E2	23-APR-2011	14:15:54.664
EGOI_110423SGEP2958.E2	23-APR-2011	15:53:26.763

[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	83680	23-APR-2011	00:17:43.769	00:32:21.929	878.16000
MM	83680	23-APR-2011	00:29:18.006	00:40:20.542	662.53600
HO	83681	23-APR-2011	02:01:23.663	02:09:30.573	486.91000
MM	83681	23-APR-2011	02:11:39.299	02:20:39.065	539.76600
BE	83682	23-APR-2011	03:15:55.650	03:29:16.030	800.38000
MM	83682	23-APR-2011	03:54:42.809	04:01:23.731	400.92200

SG	83682	23-APR-2011	03:26:54.322	03:40:47.492	833.17000
BE	83683	23-APR-2011	04:57:01.580	05:04:59.170	477.59000
MM	83683	23-APR-2011	05:37:21.542	05:43:10.770	349.22800
MM	83684	23-APR-2011	07:18:41.023	07:26:08.469	447.44600
JO	83684	23-APR-2011	06:58:14.381	07:10:06.654	712.27300
MM	83685	23-APR-2011	08:59:13.572	09:09:01.775	588.20300
JO	83685	23-APR-2011	08:35:37.774	08:50:27.896	890.12200
MM	83686	23-APR-2011	10:39:26.164	10:51:00.911	694.74700
HO	83687	23-APR-2011	12:28:22.886	12:42:52.451	869.56500
MM	83687	23-APR-2011	12:19:25.143	12:31:55.339	750.19600
MA	83687	23-APR-2011	11:40:00.579	11:46:53.142	412.56300
HO	83688	23-APR-2011	14:07:57.008	14:21:12.623	795.61500
MM	83688	23-APR-2011	13:59:09.946	14:11:53.870	763.92400
BE	83689	23-APR-2011	14:32:41.451	14:45:52.166	790.71500
MM	83689	23-APR-2011	15:38:38.727	15:51:15.626	756.89900
GS	83689	23-APR-2011	14:59:34.226	15:12:23.783	769.55700
MM	83690	23-APR-2011	17:17:52.395	17:30:23.937	751.54200
GS	83690	23-APR-2011	16:38:47.543	16:52:12.675	805.13200
MM	83691	23-APR-2011	18:57:00.610	19:09:38.039	757.42900
GS	83691	23-APR-2011	18:19:53.674	18:27:14.801	441.12700
JO	83691	23-APR-2011	19:18:19.648	19:28:33.286	613.63800
MM	83692	23-APR-2011	20:36:23.248	20:49:07.251	764.00300
JO	83692	23-APR-2011	20:55:35.773	21:10:34.492	898.71900
HO	83693	23-APR-2011	22:09:58.012	22:20:56.320	658.30800
MM	83693	23-APR-2011	22:16:23.818	22:28:52.658	748.84000
JO	83693	23-APR-2011	22:37:32.164	22:45:33.098	480.93400
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

[[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

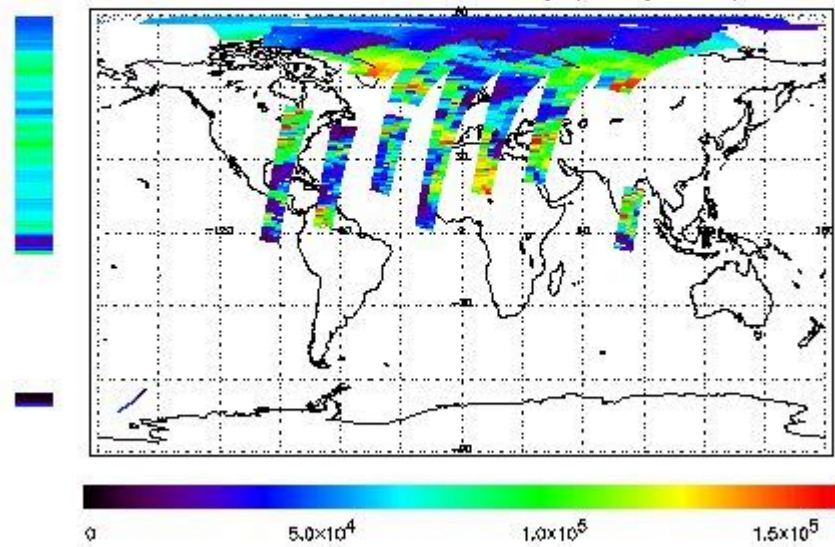
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

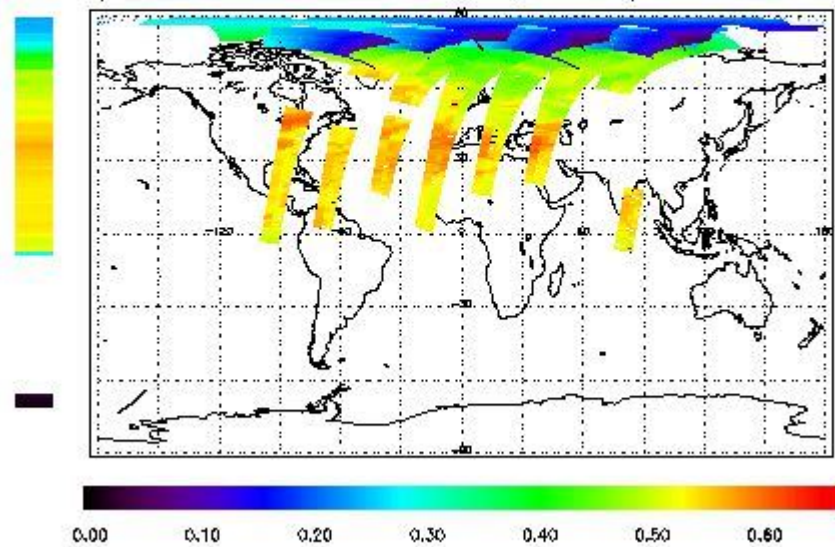
NEAR IR Intensity

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
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5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
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