

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	18-APR-2011
Start Time of First Product	00:23:44
Stop Time of Last Product	16:18:01
Number of EGOI Products analysed	31
Number of corrupted products	--
Anomalies and/or Special Operations	Missing EGOI data due to a ground segment problem; no solar calibration measurements available due to missing data

1.2 - List of received products

Name	Date	Time
EGOI_110418CMEP5811.E2	18-APR-2011	16:05:00.757
EGOI_110418CMEP5821.E2	18-APR-2011	17:45:37.371
EGOI_110418GSEP0081.E2	18-APR-2011	00:33:59.556
EGOI_110418GSEP0103.E2	18-APR-2011	02:09:12.139
EGOI_110418GSEP0128.E2	18-APR-2011	03:48:36.744
EGOI_110418GSEP0137.E2	18-APR-2011	05:31:07.377
EGOI_110418GSEP0146.E2	18-APR-2011	05:31:07.378
EGOI_110418KSEP5642.E2	18-APR-2011	07:29:24.600
EGOI_110418KSEP5661.E2	18-APR-2011	09:09:16.210

EGOI_110418KSEP5683.E2	18-APR-2011	10:48:51.324
EGOI_110418KSEP5708.E2	18-APR-2011	12:28:00.927
EGOI_110418KSEP5723.E2	18-APR-2011	14:06:54.034
EGOI_110418KSEP5745.E2	18-APR-2011	15:44:44.136
EGOI_110418KSEP5757.E2	18-APR-2011	17:22:26.731
EGOI_110418KSEP5783.E2	18-APR-2011	19:00:07.828
EGOI_110418KSEP5790.E2	18-APR-2011	20:39:27.938
EGOI_110418KSEP5807.E2	18-APR-2011	22:21:30.059
EGOI_110418MAEP5601.E2	18-APR-2011	09:16:28.252
EGOI_110418MAEP5619.E2	18-APR-2011	10:56:24.366
EGOI_110418MAEP5633.E2	18-APR-2011	20:33:14.399
EGOI_110418MIEP9285.E2	18-APR-2011	02:06:40.627
EGOI_110418MIEP9300.E2	18-APR-2011	03:43:41.217
EGOI_110418MIEP9329.E2	18-APR-2011	16:02:33.745
EGOI_110418MIEP9353.E2	18-APR-2011	17:43:59.860
EGOI_110418MSEP4433.E2	18-APR-2011	00:23:44.498
EGOI_110418MSEP4461.E2	18-APR-2011	11:02:04.902
EGOI_110418MSEP4488.E2	18-APR-2011	12:41:26.509
EGOI_110418MSEP4518.E2	18-APR-2011	22:11:03.000
EGOI_110418SGEP2843.E2	18-APR-2011	02:46:48.365
EGOI_110418SGEP2851.E2	18-APR-2011	04:25:57.975
EGOI_110418SGEP2859.E2	18-APR-2011	17:03:01.114

[[BACK TO MENU](#)]

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	83609	18-APR-2011	01:15:43.498	01:28:32.737	769.23900
MM	83609	18-APR-2011	01:27:40.047	01:37:37.540	597.49300
BE	83610	18-APR-2011	02:33:25.250	02:46:32.009	786.75900
MM	83610	18-APR-2011	03:10:30.699	03:18:08.341	457.64200
CM	83610	18-APR-2011	03:40:59.993	03:53:02.616	722.62300
BE	83611	18-APR-2011	04:13:16.298	04:24:45.986	689.68800
MM	83611	18-APR-2011	04:53:30.846	04:59:22.850	352.00400
MM	83612	18-APR-2011	06:35:23.988	06:41:56.555	392.56700
KS	83612	18-APR-2011	05:49:59.235	05:52:29.520	150.28500
CM	83612	18-APR-2011	05:22:33.151	05:30:13.019	459.86800
MM	83613	18-APR-2011	08:16:11.524	08:25:00.998	529.47400

JO	83613	18-APR-2011	07:53:07.547	08:07:55.214	887.66700
MM	83614	18-APR-2011	09:56:31.117	10:07:26.328	655.21100
JO	83614	18-APR-2011	09:34:11.483	09:45:53.491	702.00800
MM	83615	18-APR-2011	11:36:35.789	11:48:48.237	732.44800
MM	83616	18-APR-2011	13:16:26.885	13:29:08.850	761.96500
HO	83617	18-APR-2011	15:05:55.404	15:14:40.127	524.72300
MM	83617	18-APR-2011	14:56:02.724	15:08:43.602	760.87800
MI	83617	18-APR-2011	14:25:59.569	14:31:50.567	350.99800
GS	83617	18-APR-2011	14:17:53.260	14:27:53.108	599.84800
SG	83617	18-APR-2011	15:19:09.370	15:33:00.776	831.40600
BE	83618	18-APR-2011	15:31:18.478	15:41:39.084	620.60600
MM	83618	18-APR-2011	16:35:22.303	16:47:54.865	752.56200
GS	83618	18-APR-2011	15:56:03.368	16:09:59.472	836.10400
MM	83619	18-APR-2011	18:14:30.972	18:27:04.749	753.77700
MI	83619	18-APR-2011	17:44:13.921	17:50:06.584	352.66300
KS	83619	18-APR-2011	17:21:29.750	17:34:13.656	763.90600
GS	83619	18-APR-2011	17:36:13.453	17:47:13.800	660.34700
CM	83619	18-APR-2011	17:45:59.469	17:53:41.567	462.09800
MM	83620	18-APR-2011	19:53:44.524	20:06:26.956	762.43200
MA	83620	18-APR-2011	18:58:20.878	19:03:08.706	287.82800
KS	83620	18-APR-2011	18:59:40.501	19:13:33.018	832.51700
JO	83620	18-APR-2011	20:13:14.604	20:27:45.951	871.34700
MM	83621	18-APR-2011	21:33:26.130	21:46:05.624	759.49400
MA	83621	18-APR-2011	20:31:36.616	20:45:19.344	822.72800
KS	83621	18-APR-2011	20:39:27.626	20:53:08.872	821.24600
JO	83621	18-APR-2011	21:53:06.483	22:05:56.656	770.17300
HO	83622	18-APR-2011	23:04:43.768	23:18:21.245	817.47700
MM	83622	18-APR-2011	23:13:57.260	23:25:59.361	722.10100
MS	83622	18-APR-2011	22:10:45.362	22:22:15.721	690.35900
MA	83622	18-APR-2011	22:14:23.288	22:23:39.126	555.83800
KS	83622	18-APR-2011	22:21:20.891	22:32:43.136	682.24500
MS	83623	18-APR-2011	23:49:28.188	00:02:08.594	760.40600

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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

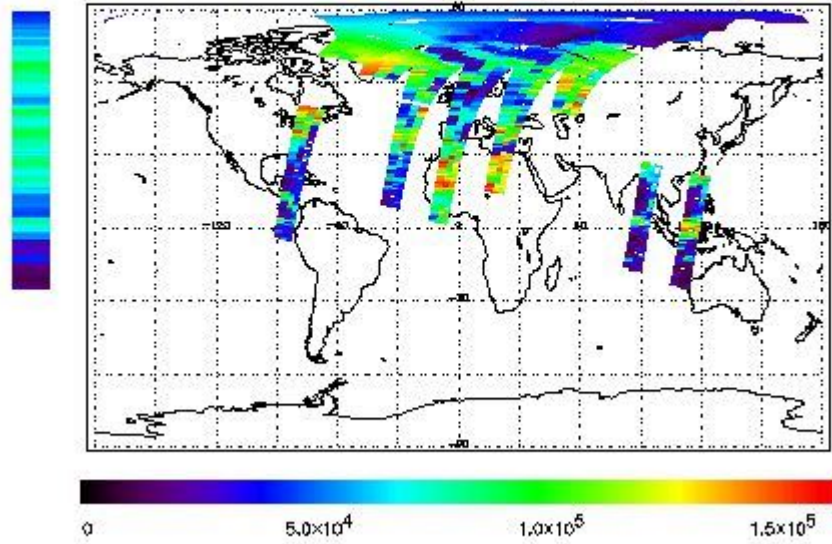
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

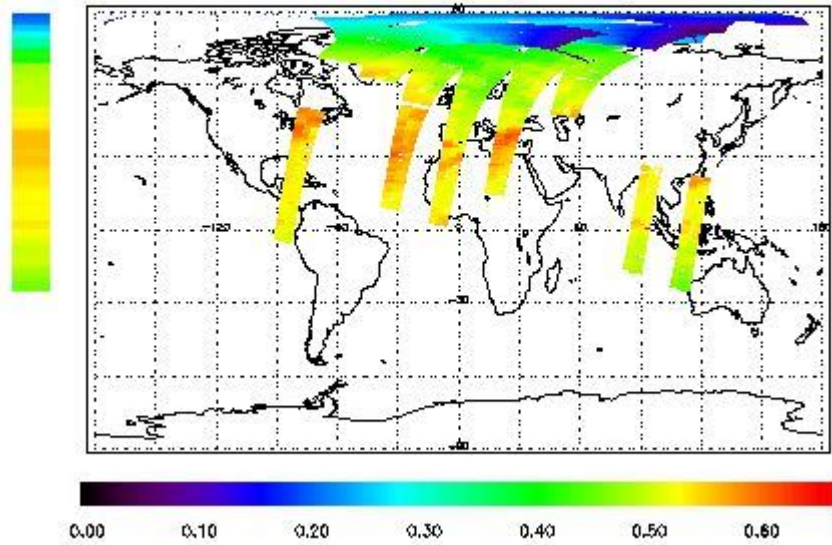
NEAR IR Intensity

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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(1) The Solar/lamp calibration is carried out routinely or after an instrument switch-off or a power cycle (performed to reset the instrument when abnormal values are observed); in the latter cases the coolers are off and the temperature refers to the warm detectors