

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	12-APR-2011
Start Time of First Product	00:23:40
Stop Time of Last Product	22:33:43
Number of EGOI Products analysed	32
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110412CMEP5681.E2	12-APR-2011	03:41:52.752
EGOI_110412CMEP5686.E2	12-APR-2011	05:23:00.874
EGOI_110412CMEP5693.E2	12-APR-2011	16:04:49.802
EGOI_110412CMEP5703.E2	12-APR-2011	17:45:17.421
EGOI_110412GSEP9654.E2	12-APR-2011	00:34:09.603
EGOI_110412GSEP9675.E2	12-APR-2011	02:09:17.686
EGOI_110412GSEP9683.E2	12-APR-2011	03:51:18.311
EGOI_110412GSEP9692.E2	12-APR-2011	05:31:11.425
EGOI_110412KSEP4357.E2	12-APR-2011	07:29:24.143

EGOI_110412KSEP4387.E2	12-APR-2011	09:09:15.762
EGOI_110412KSEP4411.E2	12-APR-2011	10:48:50.865
EGOI_110412KSEP4436.E2	12-APR-2011	12:28:00.475
EGOI_110412KSEP4453.E2	12-APR-2011	14:06:53.581
EGOI_110412KSEP4466.E2	12-APR-2011	15:44:57.185
EGOI_110412KSEP4476.E2	12-APR-2011	17:22:35.279
EGOI_110412KSEP4505.E2	12-APR-2011	19:00:07.378
EGOI_110412KSEP4522.E2	12-APR-2011	20:39:25.985
EGOI_110412KSEP4541.E2	12-APR-2011	22:21:13.107
EGOI_110412MAEP5235.E2	12-APR-2011	10:56:20.910
EGOI_110412MAEP5256.E2	12-APR-2011	20:33:12.443
EGOI_110412MAEP5271.E2	12-APR-2011	22:13:17.564
EGOI_110412MIEP8717.E2	12-APR-2011	02:06:38.674
EGOI_110412MIEP8739.E2	12-APR-2011	14:26:16.195
EGOI_110412MIEP8764.E2	12-APR-2011	16:02:30.286
EGOI_110412MIEP8787.E2	12-APR-2011	17:43:57.913
EGOI_110412MSEP3712.E2	12-APR-2011	00:23:39.541
EGOI_110412MSEP3738.E2	12-APR-2011	11:02:07.448
EGOI_110412MSEP3765.E2	12-APR-2011	12:41:24.558
EGOI_110412MSEP3788.E2	12-APR-2011	22:10:56.548
EGOI_110412SGEP2697.E2	12-APR-2011	02:46:59.913
EGOI_110412SGEP2703.E2	12-APR-2011	04:25:59.018
EGOI_110412SGEP2711.E2	12-APR-2011	17:03:00.662

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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	83523	12-APR-2011	01:04:05.916	01:17:23.609	797.69300
MM	83523	12-APR-2011	01:15:58.001	01:26:09.721	611.72000
BE	83524	12-APR-2011	02:22:10.151	02:34:58.122	767.97100
MM	83524	12-APR-2011	02:58:43.657	03:06:37.640	473.98300
CM	83524	12-APR-2011	03:29:55.333	03:41:30.925	695.59200
BE	83525	12-APR-2011	04:01:44.172	04:13:48.625	724.45300
MM	83525	12-APR-2011	04:41:46.742	04:47:44.893	358.15100
MI	83525	12-APR-2011	03:30:25.780	03:43:48.765	802.98500
MM	83526	12-APR-2011	06:23:49.566	06:30:10.002	380.43600
MI	83526	12-APR-2011	05:14:50.828	05:18:54.403	243.57500

MM	83527	12-APR-2011	08:04:42.250	08:13:15.331	513.08100
JO	83527	12-APR-2011	07:41:58.242	07:56:28.010	869.76800
MM	83528	12-APR-2011	09:45:04.009	09:55:47.066	643.05700
MA	83528	12-APR-2011	09:05:33.914	09:18:03.516	749.60200
JO	83528	12-APR-2011	09:22:15.035	09:34:58.981	763.94600
HO	83529	12-APR-2011	11:35:04.124	11:47:07.813	723.68900
MM	83529	12-APR-2011	11:25:10.211	11:37:16.453	726.24200
HO	83530	12-APR-2011	13:13:35.147	13:28:24.497	889.35000
MM	83530	12-APR-2011	13:05:02.921	13:17:43.474	760.55300
HO	83531	12-APR-2011	14:54:14.778	15:03:43.309	568.53100
MM	83531	12-APR-2011	14:44:40.605	14:57:22.414	761.80900
GS	83531	12-APR-2011	14:06:59.373	14:15:41.862	522.48900
SG	83531	12-APR-2011	15:07:55.121	15:21:35.691	820.57000
BE	83532	12-APR-2011	15:19:22.553	15:30:37.713	675.16000
MM	83532	12-APR-2011	16:24:01.955	16:36:35.157	753.20200
GS	83532	12-APR-2011	15:44:42.446	15:58:35.865	833.41900
SG	83532	12-APR-2011	16:49:34.409	16:58:07.061	512.65200
MM	83533	12-APR-2011	18:03:11.266	18:15:44.299	753.03300
GS	83533	12-APR-2011	17:24:41.281	17:36:21.229	699.94800
MM	83534	12-APR-2011	19:42:23.149	19:55:04.736	761.58700
MA	83534	12-APR-2011	18:47:33.291	18:51:43.397	250.10600
JO	83534	12-APR-2011	20:02:04.652	20:16:09.474	844.82200
MM	83535	12-APR-2011	21:22:00.360	21:34:41.538	761.17800
JO	83535	12-APR-2011	21:41:29.920	21:55:02.789	812.86900
HO	83536	12-APR-2011	22:53:39.239	23:06:53.994	794.75500
MM	83536	12-APR-2011	23:02:24.955	23:14:33.668	728.71300
KS	83537	12-APR-2011	23:54:12.981	00:00:16.041	363.06000

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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

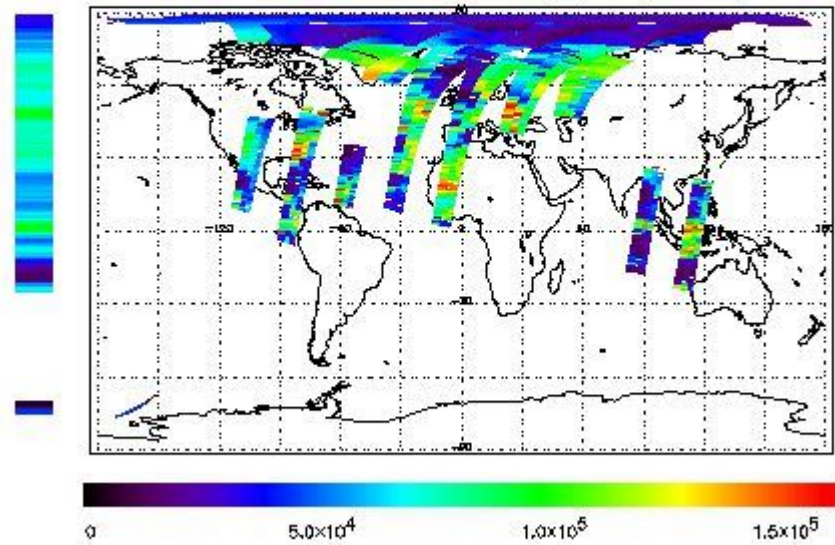
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	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](#)

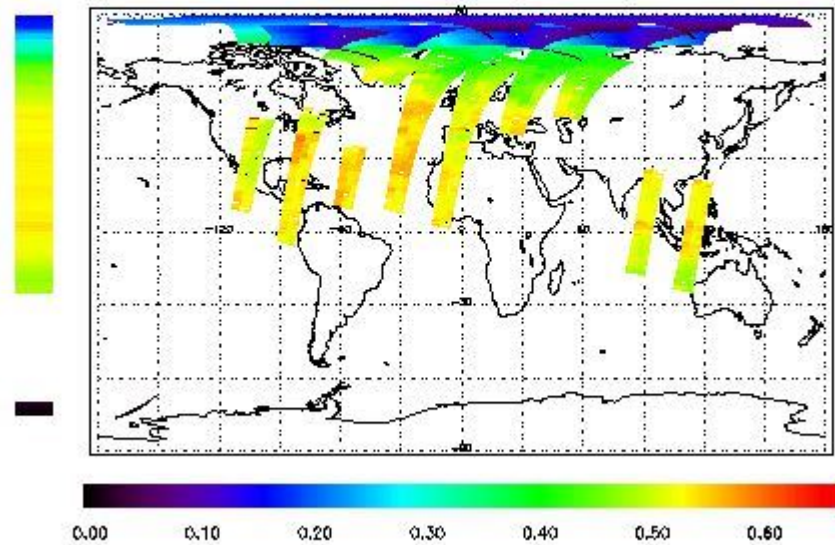
NEAR IR Intensity

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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