

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	30-APR-2011
Start Time of First Product	00:23:42
Stop Time of Last Product	22:33:46
Number of EGOI Products analysed	31
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110430CMEP6146.E2	30-APR-2011	03:41:49.115
EGOI_110430CMEP6154.E2	30-APR-2011	05:23:01.732
EGOI_110430CMEP6162.E2	30-APR-2011	16:04:49.170
EGOI_110430CMEP6172.E2	30-APR-2011	17:45:21.285
EGOI_110430GSEP1041.E2	30-APR-2011	00:34:01.461
EGOI_110430GSEP1063.E2	30-APR-2011	02:09:12.544
EGOI_110430GSEP1089.E2	30-APR-2011	03:48:38.658
EGOI_110430GSEP1100.E2	30-APR-2011	05:31:18.285
EGOI_110430KSEP7858.E2	30-APR-2011	07:29:25.008

EGOI_110430KSEP7882.E2	30-APR-2011	09:09:18.122
EGOI_110430KSEP7906.E2	30-APR-2011	10:48:53.233
EGOI_110430KSEP7932.E2	30-APR-2011	12:28:02.839
EGOI_110430KSEP7947.E2	30-APR-2011	14:06:55.950
EGOI_110430KSEP7963.E2	30-APR-2011	15:44:49.049
EGOI_110430KSEP7975.E2	30-APR-2011	17:22:28.646
EGOI_110430KSEP7999.E2	30-APR-2011	19:00:09.746
EGOI_110430KSEP8007.E2	30-APR-2011	20:39:31.356
EGOI_110430KSEP8025.E2	30-APR-2011	22:21:37.986
EGOI_110430MAEP6355.E2	30-APR-2011	10:56:23.279
EGOI_110430MAEP6366.E2	30-APR-2011	19:00:11.244
EGOI_110430MAEP6381.E2	30-APR-2011	20:33:16.318
EGOI_110430MIEP0496.E2	30-APR-2011	02:06:42.533
EGOI_110430MIEP0517.E2	30-APR-2011	03:43:34.123
EGOI_110430MIEP0536.E2	30-APR-2011	14:26:20.067
EGOI_110430MIEP0563.E2	30-APR-2011	16:02:38.658
EGOI_110430MIEP0587.E2	30-APR-2011	17:44:01.777
EGOI_110430MSEP5890.E2	30-APR-2011	00:23:41.903
EGOI_110430MSEP5917.E2	30-APR-2011	11:02:06.812
EGOI_110430MSEP5944.E2	30-APR-2011	12:41:28.422
EGOI_110430MSEP5975.E2	30-APR-2011	22:11:00.416
EGOI_110430SGEP3119.E2	30-APR-2011	17:03:07.529

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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	83780	29-APR-2011	23:57:58.440	00:12:29.490	871.05000
MM	83780	30-APR-2011	00:08:57.292	00:20:18.731	681.43900
HO	83781	30-APR-2011	01:39:30.674	01:50:39.870	669.19600
MM	83781	30-APR-2011	01:51:06.425	02:00:33.888	567.46300
MS	83781	30-APR-2011	00:46:29.064	00:54:01.616	452.55200
BE	83782	30-APR-2011	02:56:02.125	03:09:26.616	804.49100
MM	83782	30-APR-2011	03:34:05.235	03:41:11.392	426.15700
SG	83782	30-APR-2011	03:07:12.533	03:20:50.062	817.52900
BE	83783	30-APR-2011	04:36:28.900	04:46:25.029	596.12900
MM	83783	30-APR-2011	05:16:55.920	05:22:42.338	346.41800
MI	83783	30-APR-2011	04:04:52.997	04:17:32.376	759.37900

GS	83783	30-APR-2011	04:10:51.571	04:22:43.785	712.21400
SG	83783	30-APR-2011	04:48:36.261	04:57:32.558	536.29700
MM	83784	30-APR-2011	06:58:30.314	07:05:30.701	420.38700
KS	83784	30-APR-2011	06:12:03.221	06:18:17.348	374.12700
JO	83784	30-APR-2011	06:39:43.887	06:49:24.343	580.45600
MM	83785	30-APR-2011	08:39:09.103	08:48:30.582	561.47900
MA	83785	30-APR-2011	08:01:42.969	08:10:09.418	506.44900
JO	83785	30-APR-2011	08:15:39.813	08:30:41.485	901.67200
MM	83786	30-APR-2011	10:19:24.782	10:30:42.286	677.50400
MA	83786	30-APR-2011	09:38:41.235	09:52:21.598	820.36300
MM	83787	30-APR-2011	11:59:26.423	12:11:49.388	742.96500
MM	83788	30-APR-2011	13:39:14.214	13:51:57.819	763.60500
SG	83788	30-APR-2011	14:05:37.348	14:13:47.236	489.88800
BE	83789	30-APR-2011	14:12:39.859	14:26:04.310	804.45100
MM	83789	30-APR-2011	15:18:46.301	15:31:25.096	758.79500
GS	83789	30-APR-2011	14:40:00.387	14:50:53.535	653.14800
SG	83789	30-APR-2011	15:41:52.822	15:55:36.399	823.57700
BE	83790	30-APR-2011	15:55:42.730	16:03:16.681	453.95100
MM	83790	30-APR-2011	16:58:02.561	17:10:34.292	751.73100
GS	83790	30-APR-2011	16:18:48.908	16:32:36.402	827.49400
MM	83791	30-APR-2011	18:37:10.575	18:49:46.170	755.59500
GS	83791	30-APR-2011	17:59:24.526	18:08:44.996	560.47000
JO	83791	30-APR-2011	19:00:16.447	19:06:30.546	374.09900
MM	83792	30-APR-2011	20:16:28.409	20:29:12.061	763.65200
JO	83792	30-APR-2011	20:35:44.774	20:50:43.868	899.09400
HO	83793	30-APR-2011	21:51:29.032	22:00:32.922	543.89000
MM	83793	30-APR-2011	21:56:19.664	22:08:54.381	754.71700
MA	83793	30-APR-2011	20:54:15.179		

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1.5 - List of corrupted products

Station	Orbit	Time
MI	83790	16:02:53.657

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

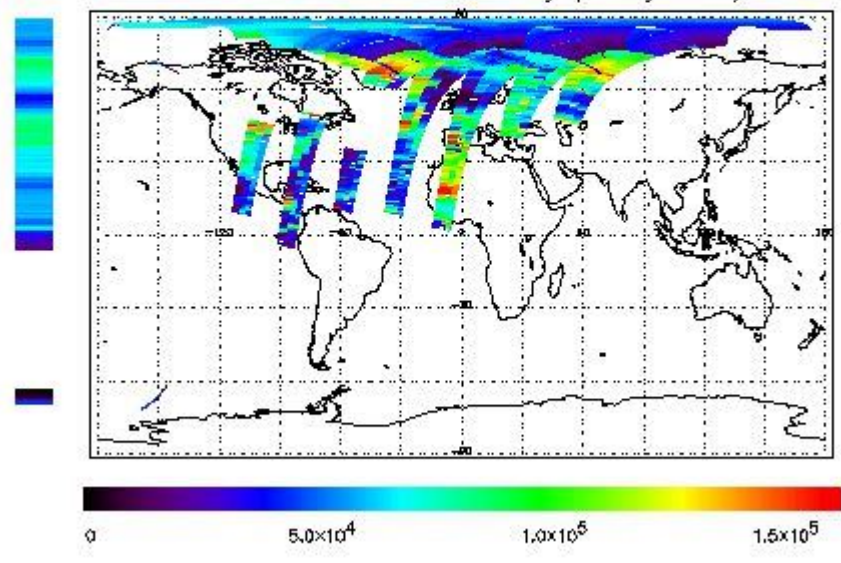
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

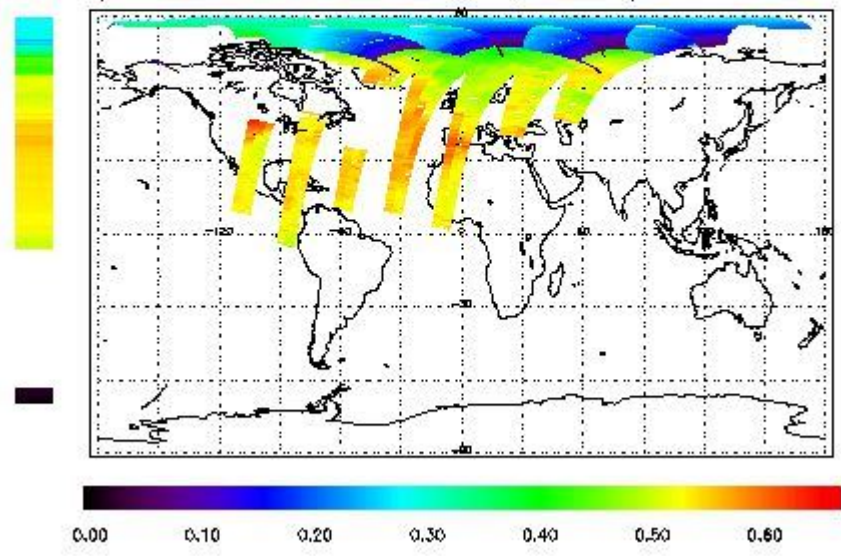
NEAR IR Intensity

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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