

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	14-JAN-2009
Start Time of First Product	00:51:09
Stop Time of Last Product	23:46:08
Number of EGOI Products analysed	41
Number of corrupted products	--
Anomalies and/or Special Operations	Narrow Swath performed as planned, start orbit: 77046

1.2 - List of received products

Name	Date	Time
EGOI_100114BEEP1646.E2	14-JAN-2010	03:01:11.331
EGOI_100114BEEP1652.E2	14-JAN-2010	04:41:58.450
EGOI_100114CMEP6271.E2	14-JAN-2010	02:32:33.655
EGOI_100114CMEP6277.E2	14-JAN-2010	04:10:43.258
EGOI_100114CMEP6288.E2	14-JAN-2010	05:53:33.392
EGOI_100114CMEP6295.E2	14-JAN-2010	16:31:33.995
EGOI_100114GSEP7319.E2	14-JAN-2010	00:58:07.571
EGOI_100114GSEP7351.E2	14-JAN-2010	02:34:39.667
EGOI_100114GSEP7381.E2	14-JAN-2010	04:15:40.289

EGOI_100114GSEP7388.E2	14-JAN-2010	05:57:52.925
EGOI_100114HLEP4931.E2	14-JAN-2010	21:59:24.020
EGOI_100114HLEP4939.E2	14-JAN-2010	23:34:29.111
EGOI_100114KSEP6000.E2	14-JAN-2010	07:56:08.653
EGOI_100114KSEP6024.E2	14-JAN-2010	09:35:48.274
EGOI_100114KSEP6058.E2	14-JAN-2010	11:15:24.545
EGOI_100114KSEP6070.E2	14-JAN-2010	12:54:37.161
EGOI_100114KSEP6078.E2	14-JAN-2010	14:33:27.270
EGOI_100114KSEP6088.E2	14-JAN-2010	16:11:09.874
EGOI_100114KSEP6117.E2	14-JAN-2010	17:49:08.983
EGOI_100114KSEP6152.E2	14-JAN-2010	19:27:08.083
EGOI_100114KSEP6182.E2	14-JAN-2010	21:07:16.203
EGOI_100114KSEP6211.E2	14-JAN-2010	22:49:52.835
EGOI_100114MAEP7850.E2	14-JAN-2010	09:43:27.317
EGOI_100114MAEP7870.E2	14-JAN-2010	20:59:41.656
EGOI_100114MIEP0219.E2	14-JAN-2010	02:31:30.647
EGOI_100114MIEP0239.E2	14-JAN-2010	04:10:43.258
EGOI_100114MIEP0250.E2	14-JAN-2010	14:51:40.883
EGOI_100114MIEP0274.E2	14-JAN-2010	16:29:50.490
EGOI_100114MMEP3033.E2	14-JAN-2010	05:20:25.689
EGOI_100114MMEP3042.E2	14-JAN-2010	07:02:12.820
EGOI_100114MMEP3050.E2	14-JAN-2010	10:23:38.063
EGOI_100114MMEP3057.E2	14-JAN-2010	12:04:00.847
EGOI_100114MMEP3067.E2	14-JAN-2010	17:02:46.189
EGOI_100114MSEP1342.E2	14-JAN-2010	00:51:09.028
EGOI_100114MSEP1364.E2	14-JAN-2010	11:28:29.128
EGOI_100114MSEP1373.E2	14-JAN-2010	13:09:07.249
EGOI_100114MSEP1401.E2	14-JAN-2010	22:37:31.757
EGOI_100114SGEP2926.E2	14-JAN-2010	03:12:15.898
EGOI_100114SGEP2933.E2	14-JAN-2010	04:53:31.520
EGOI_100114SGEP2939.E2	14-JAN-2010	14:09:54.125
EGOI_100114SGEP2945.E2	14-JAN-2010	15:47:14.225

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	77043	14-JAN-2010	07:53:51.571	07:56:08.652	137.08100
KS	77044	14-JAN-2010	09:33:27.710	09:35:48.274	140.56400
KS	77045	14-JAN-2010	11:13:01.977	11:15:24.544	142.56700
KS	77046	14-JAN-2010	12:52:16.695	12:54:37.161	140.46600
KS	77047	14-JAN-2010	14:31:02.845	14:33:27.269	144.42400
KS	77048	14-JAN-2010	16:08:45.498	16:11:09.874	144.37600
KS	77049	14-JAN-2010	17:46:40.724	17:49:08.982	148.25800

KS	77050	14-JAN-2010	19:25:10.102	19:27:08.083	117.98100
KS	77051	14-JAN-2010	21:05:25.943	21:07:16.203	110.26000
KS	77052	14-JAN-2010	22:47:59.132	22:49:52.834	113.70200
GS	77039	14-JAN-2010	00:56:42.043	00:58:07.571	85.528000
GS	77040	14-JAN-2010	02:32:55.906	02:34:39.666	103.76000
GS	77041	14-JAN-2010	04:13:49.293	04:15:40.289	110.99600
MS	77039	14-JAN-2010	00:49:39.386	00:51:09.027	89.641000
MS	77045	14-JAN-2010	11:25:59.019	11:28:29.128	150.10900
MS	77046	14-JAN-2010	13:06:41.918	13:09:07.249	145.33100
MS	77052	14-JAN-2010	22:35:31.866	22:37:31.757	119.89100
MA	77044	14-JAN-2010	09:41:31.402	09:43:27.316	115.91400
MA	77051	14-JAN-2010	20:57:07.789	20:59:41.655	153.86600
MI	77040	14-JAN-2010	02:29:18.076	02:31:30.647	132.57100
MI	77041	14-JAN-2010	04:07:47.544	04:10:43.257	175.71300
MI	77041	14-JAN-2010	04:18:32.807	04:20:19.372	106.56500
MI	77047	14-JAN-2010	14:49:33.391	14:51:40.883	127.49200
MI	77048	14-JAN-2010	16:27:37.156	16:29:50.489	133.33300
MM	77044	14-JAN-2010	10:22:16.438	10:23:38.063	81.625000
MM	77045	14-JAN-2010	12:02:17.700	12:04:00.847	103.14700
MM	77048	14-JAN-2010	17:00:52.555	17:02:46.188	113.63300
BE	77040	14-JAN-2010	02:58:52.288	03:01:11.331	139.04300
BE	77041	14-JAN-2010	04:39:23.981	04:41:58.450	154.46900
SG	77040	14-JAN-2010	03:10:00.412	03:12:15.898	135.48600
SG	77041	14-JAN-2010	04:51:40.429	04:53:31.519	111.09000
SG	77046	14-JAN-2010	14:08:11.227	14:09:54.125	102.89800
SG	77047	14-JAN-2010	15:44:44.651	15:47:14.224	149.57300
CM	77048	14-JAN-2010	16:30:16.005	16:31:33.995	77.990000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	77038	14-JAN-2010	00:00:48.430	00:15:19.937	871.50700
MM	77038	14-JAN-2010	00:11:51.516	00:23:10.383	678.86700
HO	77039	14-JAN-2010	01:42:37.567	01:53:25.086	647.51900
MM	77039	14-JAN-2010	01:54:02.423	02:03:26.002	563.57900
MM	77040	14-JAN-2010	03:37:02.056	03:44:04.446	422.39000

KS	77042	14-JAN-2010	06:14:50.896	06:21:16.774	385.87800
JO	77042	14-JAN-2010	06:42:20.448	06:52:23.394	602.94600
MM	77043	14-JAN-2010	08:42:01.218	08:51:26.598	565.38000
MA	77043	14-JAN-2010	08:03:53.044	08:13:12.132	559.08800
JO	77043	14-JAN-2010	08:18:30.101	08:33:31.505	901.40400
JO	77044	14-JAN-2010	10:01:51.196	10:09:44.164	472.96800
HO	77045	14-JAN-2010	12:11:28.339	12:25:18.453	830.11400
MA	77045	14-JAN-2010	11:22:31.644	11:30:54.686	503.04200
HO	77046	14-JAN-2010	13:50:40.343	14:04:56.818	856.47500
MM	77046	14-JAN-2010	13:42:05.071	13:54:48.780	763.70900
BE	77047	14-JAN-2010	14:15:30.737	14:28:54.372	803.63500
MM	77047	14-JAN-2010	15:21:36.685	15:34:15.209	758.52400
GS	77047	14-JAN-2010	14:42:47.500	14:53:37.856	650.35600
BE	77048	14-JAN-2010	15:58:50.566	16:05:54.783	424.21700
GS	77048	14-JAN-2010	16:21:39.927	16:35:25.069	825.14200
MM	77049	14-JAN-2010	18:40:00.551	18:52:36.398	755.84700
GS	77049	14-JAN-2010	18:02:19.246	18:11:24.871	545.62500
JO	77049	14-JAN-2010	19:02:44.843	19:09:46.159	421.31600
MM	77050	14-JAN-2010	20:19:19.012	20:32:02.760	763.74800
MA	77050	14-JAN-2010	19:21:42.939	19:30:34.786	531.84700
JO	77050	14-JAN-2010	20:38:34.396	20:53:34.795	900.39900
MM	77051	14-JAN-2010	21:59:11.549	22:11:45.527	753.97800
JO	77051	14-JAN-2010	22:19:31.594	22:30:01.275	629.68100
MM	77052	14-JAN-2010	23:39:58.018	23:51:42.789	704.77100
MA	77052	14-JAN-2010	22:42:26.298	22:47:40.662	314.36400

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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

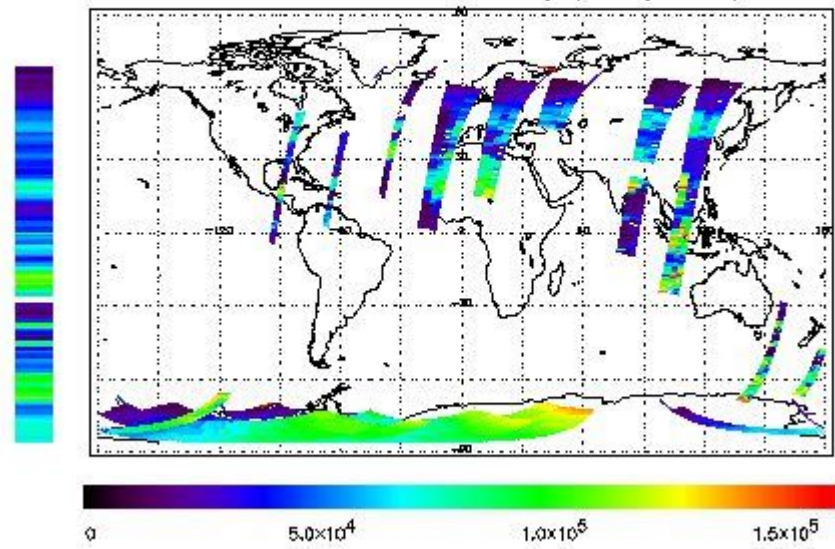
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	OK
Polarization Detectors	OK
FPA Temperatures A	OK
FPA 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](#)

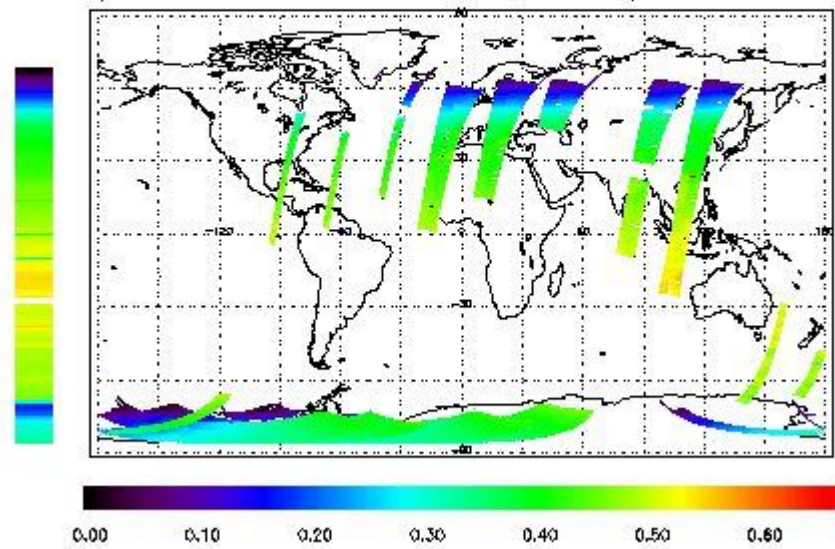
NEAR IR Intensity

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
12:30	--	77046	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	End Orbit
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