

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	22-MAR-2011
Start Time of First Product	00:23:33
Stop Time of Last Product	22:33:38
Number of EGOI Products analysed	23
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110322GSEP8231.E2	22-MAR-2011	00:33:54.723
EGOI_110322GSEP8252.E2	22-MAR-2011	02:09:02.802
EGOI_110322GSEP8279.E2	22-MAR-2011	03:48:30.413
EGOI_110322GSEP8289.E2	22-MAR-2011	05:31:08.543
EGOI_110322KSEP0009.E2	22-MAR-2011	12:27:56.098
EGOI_110322KSEP0013.E2	22-MAR-2011	22:21:08.728
EGOI_110322KSEP9905.E2	22-MAR-2011	14:06:49.205
EGOI_110322KSEP9919.E2	22-MAR-2011	15:44:52.804
EGOI_110322KSEP9930.E2	22-MAR-2011	17:22:30.900

EGOI_110322KSEP9931.E2	22-MAR-2011	07:29:21.264
EGOI_110322KSEP9960.E2	22-MAR-2011	19:00:01.498
EGOI_110322KSEP9983.E2	22-MAR-2011	10:48:46.490
EGOI_110322KSEP9992.E2	22-MAR-2011	20:39:23.106
EGOI_110322MAEP4046.E2	22-MAR-2011	10:55:55.530
EGOI_110322MIEP6489.E2	22-MAR-2011	02:07:02.790
EGOI_110322MIEP6511.E2	22-MAR-2011	03:43:33.382
EGOI_110322MIEP6529.E2	22-MAR-2011	14:26:43.322
EGOI_110322MIEP6557.E2	22-MAR-2011	16:02:40.909
EGOI_110322MIEP6580.E2	22-MAR-2011	17:44:26.533
EGOI_110322MSEP1222.E2	22-MAR-2011	00:23:33.656
EGOI_110322MSEP1250.E2	22-MAR-2011	11:01:58.565
EGOI_110322MSEP1277.E2	22-MAR-2011	12:41:20.176
EGOI_110322MSEP1308.E2	22-MAR-2011	22:10:52.166

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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	83222	22-MAR-2011	00:23:24.215	00:38:02.356	878.14100
MM	83222	22-MAR-2011	00:35:07.266	00:46:04.019	656.75300
BE	83223	22-MAR-2011	01:43:12.880	01:53:46.467	633.58700
HO	83223	22-MAR-2011	02:07:51.852	02:13:39.961	348.10900
MM	83223	22-MAR-2011	02:17:31.903	02:26:23.570	531.66700
BE	83224	22-MAR-2011	03:21:37.647	03:34:53.641	795.99400
MM	83224	22-MAR-2011	04:00:36.266	04:07:10.550	394.28400
SG	83224	22-MAR-2011	03:32:34.730	03:46:26.835	832.10500
CM	83224	22-MAR-2011	02:52:14.014	03:00:18.996	484.98200
CM	83224	22-MAR-2011	04:29:10.265	04:41:12.742	722.47700
MM	83225	22-MAR-2011	05:43:11.041	05:49:02.377	351.33600
MI	83225	22-MAR-2011	04:31:19.734	04:42:23.025	663.29100
MM	83226	22-MAR-2011	07:24:26.601	07:32:02.077	455.47600
JO	83226	22-MAR-2011	07:03:36.817	07:15:57.886	741.06900
MM	83227	22-MAR-2011	09:04:57.567	09:14:53.131	595.56400

KS	83227	22-MAR-2011	08:16:36.627	08:29:13.765	757.13800
MA	83227	22-MAR-2011	08:25:36.267	08:37:12.752	696.48500
JO	83227	22-MAR-2011	08:41:22.660	08:56:05.179	882.51900
MM	83228	22-MAR-2011	10:45:09.320	10:56:48.602	699.28200
MS	83228	22-MAR-2011	10:11:18.489	10:19:22.684	484.19500
MM	83229	22-MAR-2011	12:25:07.531	12:37:39.474	751.94300
MA	83229	22-MAR-2011	11:45:54.591	11:52:02.066	367.47500
HO	83230	22-MAR-2011	14:13:43.467	14:26:38.786	775.31900
MM	83230	22-MAR-2011	14:04:51.465	14:17:35.316	763.85100
SG	83230	22-MAR-2011	14:29:21.923	14:40:54.415	692.49200
BE	83231	22-MAR-2011	14:38:27.170	14:51:30.360	783.19000
MM	83231	22-MAR-2011	15:44:19.303	15:56:55.673	756.37000
MI	83231	22-MAR-2011	15:11:26.345	15:23:29.863	723.51800
GS	83231	22-MAR-2011	15:05:11.100	15:18:13.919	782.81900
SG	83231	22-MAR-2011	16:07:51.483	16:20:36.327	764.84400
CM	83231	22-MAR-2011	15:15:43.622	15:23:48.359	484.73700
MM	83232	22-MAR-2011	17:23:32.297	17:36:03.879	751.58200
GS	83232	22-MAR-2011	16:44:30.653	16:57:46.851	796.19800
CM	83232	22-MAR-2011	16:53:07.825	17:05:05.453	717.62800
MM	83233	22-MAR-2011	19:02:40.716	19:15:18.688	757.97200
JO	83233	22-MAR-2011	19:23:40.547	19:34:38.894	658.34700
MM	83234	22-MAR-2011	20:42:04.905	20:54:48.854	763.94900
MA	83234	22-MAR-2011	19:41:33.375	19:53:48.580	735.20500
JO	83234	22-MAR-2011	21:01:17.583	21:16:12.161	894.57800
HO	83235	22-MAR-2011	22:15:19.635	22:26:43.829	684.19400
MM	83235	22-MAR-2011	22:22:08.276	22:34:35.125	746.84900
MA	83235	22-MAR-2011	21:20:18.115	21:33:30.193	792.07800
JO	83235	22-MAR-2011	22:43:41.017	22:50:33.592	412.57500
HO	83236	22-MAR-2011	23:52:19.126	00:06:48.355	869.22900
KS	83236	22-MAR-2011	23:11:51.266	23:20:54.466	543.20000

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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

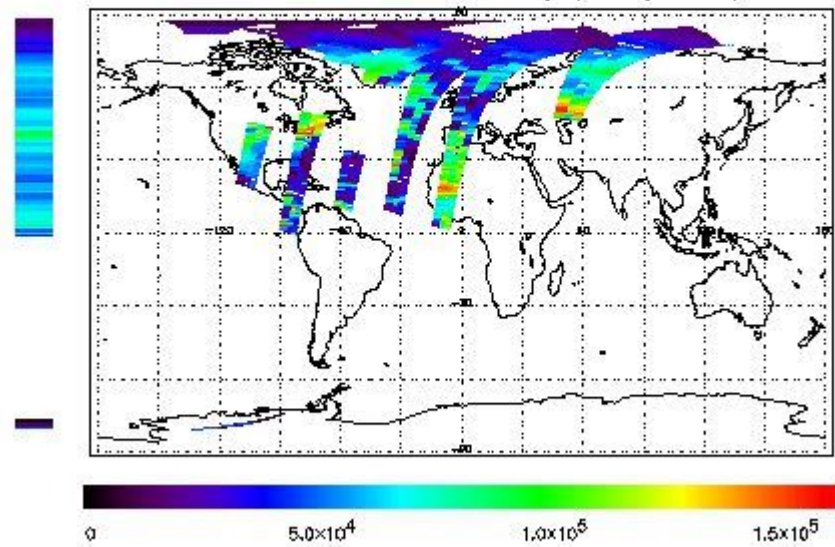
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror position	Polar View operated
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](#)

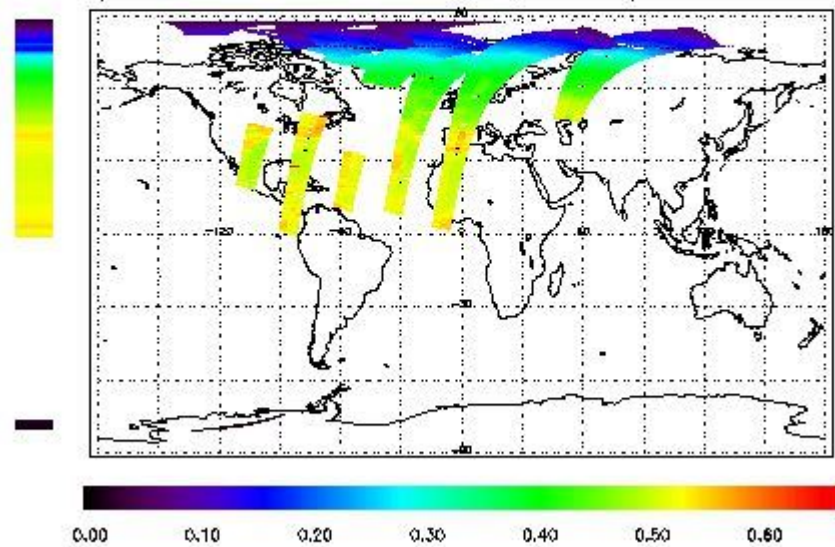
NEAR IR Intensity

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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