

GOME Daily Report

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1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	21-MAR-2011
Start Time of First Product	00:59:13
Stop Time of Last Product	23:06:49
Number of EGOI Products analysed	27
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110321GSEP8169.E2	21-MAR-2011	01:05:07.094
EGOI_110321GSEP8201.E2	21-MAR-2011	02:41:49.685
EGOI_110321GSEP8211.E2	21-MAR-2011	04:24:39.812
EGOI_110321KSEP9700.E2	21-MAR-2011	06:23:10.536
EGOI_110321KSEP9724.E2	21-MAR-2011	08:02:56.148
EGOI_110321KSEP9750.E2	21-MAR-2011	09:42:22.258
EGOI_110321KSEP9772.E2	21-MAR-2011	11:21:52.865
EGOI_110321KSEP9789.E2	21-MAR-2011	13:00:53.476
EGOI_110321KSEP9797.E2	21-MAR-2011	14:39:34.584

EGOI_110321KSEP9810.E2	21-MAR-2011	16:17:11.175
EGOI_110321KSEP9838.E2	21-MAR-2011	17:55:05.774
EGOI_110321KSEP9870.E2	21-MAR-2011	19:32:54.377
EGOI_110321KSEP9893.E2	21-MAR-2011	21:13:02.488
EGOI_110321KSEP9909.E2	21-MAR-2011	22:55:30.115
EGOI_110321MAEP3970.E2	21-MAR-2011	08:11:38.202
EGOI_110321MAEP3991.E2	21-MAR-2011	09:49:26.805
EGOI_110321MAEP4015.E2	21-MAR-2011	21:05:26.441
EGOI_110321MAEP4028.E2	21-MAR-2011	22:48:27.071
EGOI_110321MIEP6380.E2	21-MAR-2011	02:38:19.662
EGOI_110321MIEP6409.E2	21-MAR-2011	04:17:08.269
EGOI_110321MIEP6436.E2	21-MAR-2011	14:57:34.690
EGOI_110321MIEP6465.E2	21-MAR-2011	16:35:54.788
EGOI_110321MSEP1098.E2	21-MAR-2011	00:59:13.055
EGOI_110321MSEP1113.E2	21-MAR-2011	09:58:23.860
EGOI_110321MSEP1142.E2	21-MAR-2011	11:34:52.948
EGOI_110321MSEP1166.E2	21-MAR-2011	13:15:34.063
EGOI_110321MSEP1196.E2	21-MAR-2011	22:43:04.540

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MS	83215	21-MAR-2011	11:31:39.010	11:34:52.948	193.93800
MI	83217	21-MAR-2011	14:53:58.690	14:57:34.689	215.99900
MI	83218	21-MAR-2011	16:33:30.927	16:35:54.787	143.86000

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	83208	21-MAR-2011	00:07:26.971	00:21:57.852	870.88100
MM	83208	21-MAR-2011	00:19:17.087	00:30:04.850	647.76300
BE	83209	21-MAR-2011	01:26:46.825	01:38:00.365	673.54000
MM	83209	21-MAR-2011	02:01:38.584	02:10:17.990	519.40600
SG	83209	21-MAR-2011	01:40:22.283	01:48:04.125	461.84200
BE	83210	21-MAR-2011	03:05:20.942	03:18:27.693	786.75100
MM	83210	21-MAR-2011	03:44:35.753	03:51:00.668	384.91500
SG	83210	21-MAR-2011	03:16:17.087	03:30:02.995	825.90800
CM	83210	21-MAR-2011	02:35:16.602	02:44:27.626	551.02400
MM	83211	21-MAR-2011	05:26:56.198	05:32:51.735	355.53700
MI	83211	21-MAR-2011	04:15:19.760	04:25:33.441	613.68100

GS	83211	21-MAR-2011	04:21:57.066	04:30:48.084	531.01800
CM	83211	21-MAR-2011	05:53:28.805	06:05:11.386	702.58100
MM	83212	21-MAR-2011	07:07:58.161	07:15:45.842	467.68100
JO	83212	21-MAR-2011	06:46:37.299	06:59:35.915	778.61600
MM	83213	21-MAR-2011	08:48:18.875	08:58:25.228	606.35300
MA	83213	21-MAR-2011	08:08:41.545	08:20:50.846	729.30100
JO	83213	21-MAR-2011	08:24:47.721	08:39:14.966	867.24500
HO	83214	21-MAR-2011	10:39:48.374	10:48:34.929	526.55500
MM	83214	21-MAR-2011	10:28:21.376	10:40:07.137	705.76100
MS	83214	21-MAR-2011	09:54:03.931	10:03:15.688	551.75700
HO	83215	21-MAR-2011	12:16:55.453	12:31:39.175	883.72200
MM	83215	21-MAR-2011	12:08:10.406	12:20:44.714	754.30800
MA	83215	21-MAR-2011	11:29:34.418	11:34:03.127	268.70900
HO	83216	21-MAR-2011	13:56:44.184	14:09:16.877	752.69300
MM	83216	21-MAR-2011	13:47:45.004	14:00:28.628	763.62400
SG	83216	21-MAR-2011	14:11:51.646	14:24:05.636	733.99000
BE	83217	21-MAR-2011	14:21:21.229	14:34:09.864	768.63500
MM	83217	21-MAR-2011	15:27:03.411	15:39:39.010	755.59900
GS	83217	21-MAR-2011	14:47:50.765	15:01:10.375	799.61000
SG	83217	21-MAR-2011	15:50:51.216	16:03:02.479	731.26300
CM	83217	21-MAR-2011	14:57:54.306	15:07:09.445	555.13900
MM	83218	21-MAR-2011	17:06:07.430	17:18:39.156	751.72600
GS	83218	21-MAR-2011	16:27:11.188	16:40:11.821	780.63300
CM	83218	21-MAR-2011	16:35:52.247	16:47:28.816	696.56900
MM	83219	21-MAR-2011	18:45:08.267	18:57:47.057	758.79000
JO	83219	21-MAR-2011	19:05:44.320	19:17:38.740	714.42000
MM	83220	21-MAR-2011	20:24:26.910	20:37:10.633	763.72300
JO	83220	21-MAR-2011	20:43:40.833	20:58:25.822	884.98900
HO	83221	21-MAR-2011	21:57:07.508	22:09:03.812	716.30400
MM	83221	21-MAR-2011	22:04:26.576	22:16:50.167	743.59100
HO	83222	21-MAR-2011	23:34:21.664	23:48:53.171	871.50700
MM	83222	21-MAR-2011	23:45:24.750	23:56:43.617	678.86700
MS	83222	21-MAR-2011	22:39:57.040	22:53:24.844	807.80400
KS	83222	21-MAR-2011	22:54:24.795	23:02:56.062	511.26700

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1.5 - List of corrupted products

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

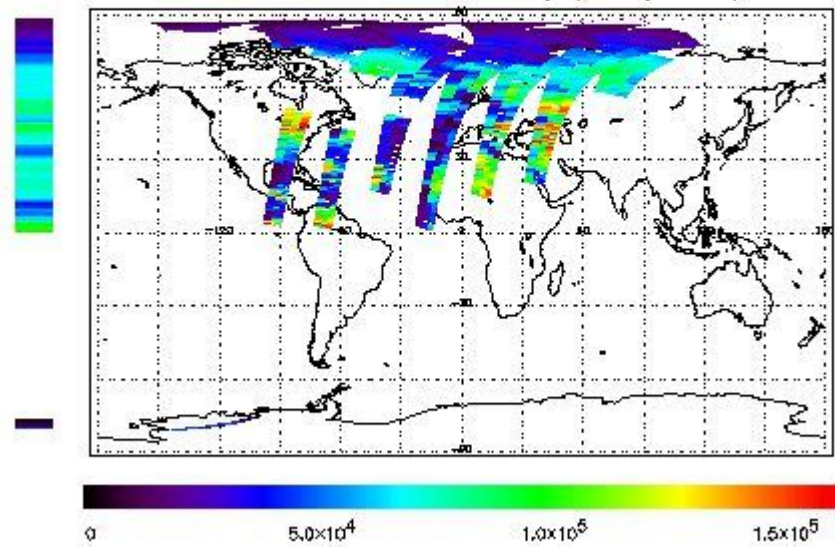
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

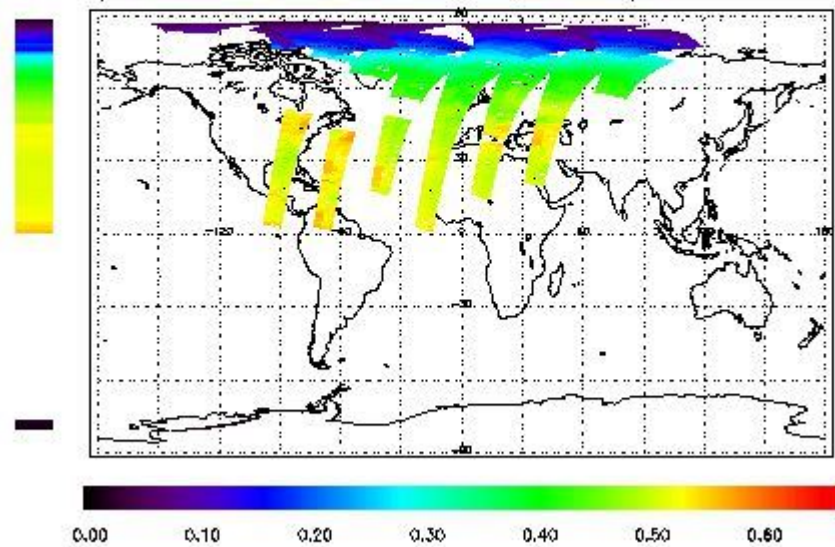
NEAR IR Intensity

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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