

GOME Daily Report

INDEX

1. [General Info](#)
 - 1.1 [Report Summary](#)
 - 1.2 [List of received products](#)
 - 1.3 [List of data gaps](#)
 - 1.4 [List of missing products](#)
 - 1.5 [List of corrupted products](#)
2. [Instrument Indicators and Daily Plots](#)
 - 2.1 [Instrument Indicators Status](#)
 - 2.2 [Daily Plots](#)
3. [Instrument Calibration](#)
 - 3.1 [Solar Calibration \(daily/TST44\)](#)
 - 3.2 [Lamp Calibration \(quarterly/TST44\)](#)
4. [Instrument Anomalies](#)
 - 4.1 [Single Event Upset \(SEU\)](#)
 - 4.2 [Instrument Off](#)
 - 4.3 [Cooler Switchings](#)
5. [Instrument Operations](#)
 - 5.1 [Timeline Interruptions](#)
 - 5.2 [TST44](#)
 - 5.3 [Power Cycle](#)
 - 5.4 [Wrong Command Execution](#)
 - 5.5 [Narrow Swath Timeline](#)
 - 5.6 [Seasonal Operations](#)

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3
Report of Day	20-MAR-2011
Start Time of First Product	19-03-2011 23:49:21
Stop Time of Last Product	23:39:53
Number of EGOI Products analysed	28
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_110320GSEP8104.E2	20-MAR-2011	01:40:38.984
EGOI_110320GSEP8133.E2	20-MAR-2011	03:14:53.063
EGOI_110320GSEP8143.E2	20-MAR-2011	04:57:41.694
EGOI_110320KSEP9489.E2	20-MAR-2011	00:07:08.415
EGOI_110320KSEP9512.E2	20-MAR-2011	06:56:10.918
EGOI_110320KSEP9540.E2	20-MAR-2011	08:36:01.029
EGOI_110320KSEP9560.E2	20-MAR-2011	10:15:33.141
EGOI_110320KSEP9589.E2	20-MAR-2011	11:54:53.251
EGOI_110320KSEP9604.E2	20-MAR-2011	13:33:50.858

EGOI_110320KSEP9616.E2	20-MAR-2011	15:12:19.958
EGOI_110320KSEP9629.E2	20-MAR-2011	16:49:43.061
EGOI_110320KSEP9644.E2	20-MAR-2011	18:27:28.660
EGOI_110320KSEP9656.E2	20-MAR-2011	20:06:06.763
EGOI_110320KSEP9675.E2	20-MAR-2011	21:47:01.382
EGOI_110320KSEP9687.E2	20-MAR-2011	23:31:39.518
EGOI_110320MAEP3904.E2	20-MAR-2011	08:43:38.580
EGOI_110320MAEP3918.E2	20-MAR-2011	10:22:40.687
EGOI_110320MAEP3929.E2	20-MAR-2011	19:59:59.220
EGOI_110320MAEP3951.E2	20-MAR-2011	21:39:04.331
EGOI_110320MIEP6278.E2	20-MAR-2011	03:10:30.536
EGOI_110320MIEP6302.E2	20-MAR-2011	04:51:49.158
EGOI_110320MIEP6327.E2	20-MAR-2011	15:29:45.564
EGOI_110320MIEP6353.E2	20-MAR-2011	17:09:43.182
EGOI_110320MSEP0970.E2	19-MAR-2011	23:49:21.802
EGOI_110320MSEP0995.E2	20-MAR-2011	10:30:00.231
EGOI_110320MSEP1024.E2	20-MAR-2011	12:07:51.830
EGOI_110320MSEP1046.E2	20-MAR-2011	21:39:23.835
EGOI_110320MSEP1078.E2	20-MAR-2011	23:15:54.424

[[BACK TO MENU](#)]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MS	83200	20-MAR-2011	10:26:05.787	10:30:00.231	234.44400
MS	83201	20-MAR-2011	12:05:06.071	12:07:51.829	165.75800
MA	83199	20-MAR-2011	08:42:11.633	08:43:38.580	86.947000
MI	83203	20-MAR-2011	15:26:41.709	15:29:45.563	183.85400
MI	83204	20-MAR-2011	17:07:55.723	17:09:43.182	107.45900

[[BACK TO MENU](#)]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	83194	20-MAR-2011	00:41:23.740	00:54:41.433	797.69300
MM	83194	20-MAR-2011	00:53:15.825	01:03:27.545	611.72000
BE	83195	20-MAR-2011	01:59:19.954	02:12:07.925	767.97100
MM	83195	20-MAR-2011	02:35:53.460	02:43:47.443	473.98300
SG	83195	20-MAR-2011	02:11:16.953	02:23:07.771	710.81800
CM	83195	20-MAR-2011	03:07:05.136	03:18:40.728	695.59200
BE	83196	20-MAR-2011	03:38:45.954	03:50:50.407	724.45300
MM	83196	20-MAR-2011	04:18:48.524	04:24:46.675	358.15100

SG	83196	20-MAR-2011	03:49:54.807	04:02:26.590	751.78300
CM	83196	20-MAR-2011	04:47:22.643	04:56:40.208	557.56500
MM	83197	20-MAR-2011	06:00:43.327	06:07:03.763	380.43600
MI	83197	20-MAR-2011	04:51:44.589	04:55:48.164	243.57500
MM	83198	20-MAR-2011	07:41:27.990	07:50:01.071	513.08100
JO	83198	20-MAR-2011	07:18:43.982	07:33:13.750	869.76800
MM	83199	20-MAR-2011	09:21:41.728	09:32:24.785	643.05700
JO	83199	20-MAR-2011	08:58:52.754	09:11:36.700	763.94600
HO	83200	20-MAR-2011	11:11:33.821	11:23:37.510	723.68900
MM	83200	20-MAR-2011	11:01:39.908	11:13:46.150	726.24200
HO	83201	20-MAR-2011	12:49:56.823	13:04:46.173	889.35000
MM	83201	20-MAR-2011	12:41:24.597	12:54:05.150	760.55300
HO	83202	20-MAR-2011	14:30:28.433	14:39:56.964	568.53100
MM	83202	20-MAR-2011	14:20:54.260	14:33:36.069	761.80900
GS	83202	20-MAR-2011	13:43:13.028	13:51:55.517	522.48900
SG	83202	20-MAR-2011	14:44:08.776	14:57:49.346	820.57000
BE	83203	20-MAR-2011	14:55:28.187	15:06:43.347	675.16000
MM	83203	20-MAR-2011	16:00:07.589	16:12:40.791	753.20200
GS	83203	20-MAR-2011	15:20:48.080	15:34:41.499	833.41900
SG	83203	20-MAR-2011	16:25:40.043	16:34:12.695	512.65200
CM	83203	20-MAR-2011	15:29:50.331	15:41:31.980	701.64900
MM	83204	20-MAR-2011	17:39:08.879	17:51:41.912	753.03300
GS	83204	20-MAR-2011	17:00:38.894	17:12:18.842	699.94800
CM	83204	20-MAR-2011	17:09:56.736	17:19:10.075	553.33900
MM	83205	20-MAR-2011	19:18:12.741	19:30:54.328	761.58700
JO	83205	20-MAR-2011	19:37:54.244	19:51:59.066	844.82200
MM	83206	20-MAR-2011	20:57:41.931	21:10:23.109	761.17800
JO	83206	20-MAR-2011	21:17:11.491	21:30:44.360	812.86900
HO	83207	20-MAR-2011	22:29:12.788	22:42:27.543	794.75500
MM	83207	20-MAR-2011	22:37:58.504	22:50:07.217	728.71300
MA	83207	20-MAR-2011	21:37:24.883	21:48:13.687	648.80400

[[BACK TO MENU](#)]

1.5 - List of corrupted products

Station	Orbit	Time
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2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

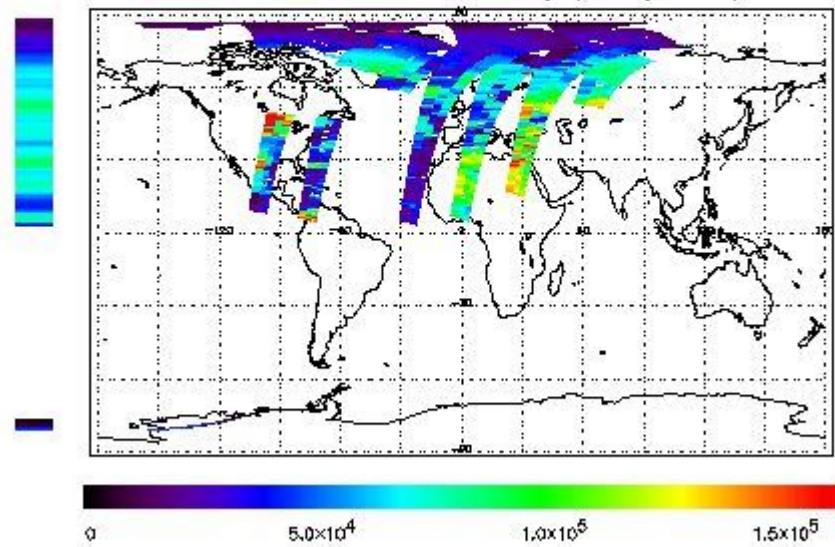
Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration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

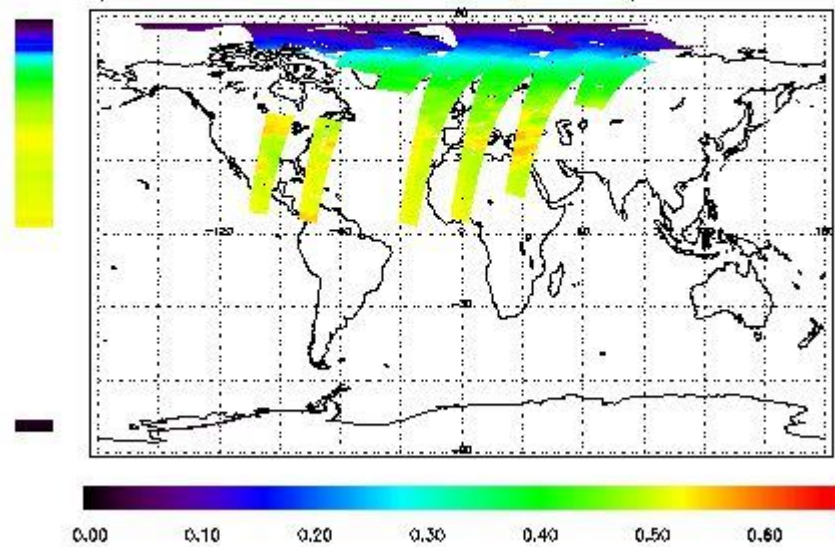
NEAR IR Intensity

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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