

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	12-AUG-2010
Start Time of First Product	00:02:45
Stop Time of Last Product	23:37:40
Number of EGOI Products analysed	39
Number of corrupted products	--
Anomalies and/or Special Operations	Nominal Data

1.2 - List of received products

Name	Date	Time
EGOI_100812GSEP2650.E2	12-AUG-2010	00:57:55.963
EGOI_100812GSEP2680.E2	12-AUG-2010	02:34:16.049
EGOI_100812GSEP2710.E2	12-AUG-2010	04:15:18.162
EGOI_100812GSEP2717.E2	12-AUG-2010	05:57:42.788
EGOI_100812HLEP6776.E2	12-AUG-2010	00:02:45.127
EGOI_100812HLEP6783.E2	12-AUG-2010	01:44:15.744
EGOI_100812HLEP6793.E2	12-AUG-2010	13:52:35.172
EGOI_100812HLEP6802.E2	12-AUG-2010	21:55:57.617
EGOI_100812HLEP6813.E2	12-AUG-2010	23:31:38.696

EGOI_100812KSEP7085.E2	12-AUG-2010	06:15:59.396
EGOI_100812KSEP7101.E2	12-AUG-2010	07:55:46.503
EGOI_100812KSEP7121.E2	12-AUG-2010	09:35:26.113
EGOI_100812KSEP7151.E2	12-AUG-2010	11:15:02.719
EGOI_100812KSEP7180.E2	12-AUG-2010	12:54:15.322
EGOI_100812KSEP7203.E2	12-AUG-2010	14:33:06.921
EGOI_100812KSEP7231.E2	12-AUG-2010	16:10:48.015
EGOI_100812KSEP7260.E2	12-AUG-2010	17:48:45.610
EGOI_100812KSEP7292.E2	12-AUG-2010	19:26:44.709
EGOI_100812KSEP7317.E2	12-AUG-2010	21:07:04.820
EGOI_100812KSEP7343.E2	12-AUG-2010	22:49:27.946
EGOI_100812MAEP5552.E2	12-AUG-2010	09:43:03.659
EGOI_100812MAEP5571.E2	12-AUG-2010	20:59:18.261
EGOI_100812MIEP8385.E2	12-AUG-2010	02:31:05.529
EGOI_100812MIEP8412.E2	12-AUG-2010	04:10:21.131
EGOI_100812MIEP8435.E2	12-AUG-2010	14:51:20.530
EGOI_100812MIEP8450.E2	12-AUG-2010	16:29:30.129
EGOI_100812MMEP2897.E2	12-AUG-2010	03:37:38.931
EGOI_100812MMEP2904.E2	12-AUG-2010	05:20:06.553
EGOI_100812MMEP2921.E2	12-AUG-2010	18:41:44.432
EGOI_100812MMEP2930.E2	12-AUG-2010	20:20:49.533
EGOI_100812MMEP2937.E2	12-AUG-2010	22:01:00.649
EGOI_100812MSEP5679.E2	12-AUG-2010	00:50:42.420
EGOI_100812MSEP5701.E2	12-AUG-2010	11:28:05.795
EGOI_100812MSEP5725.E2	12-AUG-2010	13:08:45.409
EGOI_100812MSEP5757.E2	12-AUG-2010	22:37:12.867
EGOI_100812SGEP7328.E2	12-AUG-2010	03:20:08.826
EGOI_100812SGEP7336.E2	12-AUG-2010	04:55:33.404
EGOI_100812SGEP7342.E2	12-AUG-2010	14:09:45.777
EGOI_100812SGEP7348.E2	12-AUG-2010	15:46:52.367

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1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	80048	12-AUG-2010	06:14:50.897	06:15:59.396	68.499000
KS	80049	12-AUG-2010	07:53:51.571	07:55:46.502	114.93100
KS	80050	12-AUG-2010	09:33:27.711	09:35:26.113	118.40200
KS	80051	12-AUG-2010	11:13:01.978	11:15:02.718	120.74000
KS	80052	12-AUG-2010	12:52:16.696	12:54:15.321	118.62500
KS	80053	12-AUG-2010	14:31:02.846	14:33:06.920	124.07400
KS	80054	12-AUG-2010	16:08:45.499	16:10:48.015	122.51600
KS	80055	12-AUG-2010	17:46:40.725	17:48:45.610	124.88500

KS	80056	12-AUG-2010	19:25:10.102	19:26:44.709	94.607000
KS	80057	12-AUG-2010	21:05:25.944	21:07:04.820	98.876000
KS	80058	12-AUG-2010	22:47:59.133	22:49:27.946	88.813000
GS	80045	12-AUG-2010	00:56:42.044	00:57:55.963	73.919000
GS	80046	12-AUG-2010	02:32:55.907	02:34:16.049	80.142000
GS	80047	12-AUG-2010	04:13:49.294	04:15:18.161	88.867000
MS	80045	12-AUG-2010	00:49:39.387	00:50:42.420	63.033000
MS	80051	12-AUG-2010	11:25:59.020	11:28:05.795	126.77500
MS	80052	12-AUG-2010	13:06:41.919	13:08:45.408	123.48900
MS	80058	12-AUG-2010	22:35:31.866	22:37:12.866	101.00000
MA	80050	12-AUG-2010	09:41:31.403	09:43:03.658	92.255000
MA	80057	12-AUG-2010	20:57:07.790	20:59:18.261	130.47100
MI	80046	12-AUG-2010	02:29:18.077	02:31:05.528	107.45100
MI	80047	12-AUG-2010	04:07:47.545	04:10:21.131	153.58600
MI	80053	12-AUG-2010	14:49:33.392	14:51:20.529	107.13700
MI	80054	12-AUG-2010	16:27:37.157	16:29:30.128	112.97100
MM	80055	12-AUG-2010	18:40:00.552	18:41:44.431	103.87900
MM	80056	12-AUG-2010	20:19:19.012	20:20:49.532	90.520000
MM	80057	12-AUG-2010	21:59:11.550	22:01:00.649	109.09900
MM	80058	12-AUG-2010	23:39:58.019	23:41:22.254	84.235000
SG	80046	12-AUG-2010	03:10:00.413	03:20:08.825	608.41200
SG	80047	12-AUG-2010	04:51:40.430	04:55:33.404	232.97400
SG	80052	12-AUG-2010	14:08:11.228	14:09:45.777	94.549000
SG	80053	12-AUG-2010	15:44:44.652	15:46:52.367	127.71500

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1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
HO	80044	12-AUG-2010	00:00:48.431	00:15:19.938	871.50700
MM	80044	12-AUG-2010	00:11:51.517	00:23:10.384	678.86700
HO	80045	12-AUG-2010	01:42:37.568	01:53:25.087	647.51900
MM	80045	12-AUG-2010	01:54:02.424	02:03:26.003	563.57900
BE	80046	12-AUG-2010	02:58:52.289	03:12:17.277	804.98800
CM	80046	12-AUG-2010	02:32:56.754	02:34:43.223	106.46900
BE	80047	12-AUG-2010	04:39:23.982	04:49:05.692	581.71000
CM	80047	12-AUG-2010	05:46:53.233	05:59:18.476	745.24300

MM	80048	12-AUG-2010	07:01:23.393	07:08:27.521	424.12800
JO	80048	12-AUG-2010	06:42:20.449	06:52:23.395	602.94600
MM	80049	12-AUG-2010	08:42:01.218	08:51:26.598	565.38000
MA	80049	12-AUG-2010	08:03:53.044	08:13:12.132	559.08800
JO	80049	12-AUG-2010	08:18:30.101	08:33:31.505	901.40400
MM	80050	12-AUG-2010	10:22:16.439	10:33:36.537	680.09800
JO	80050	12-AUG-2010	10:01:51.197	10:09:44.165	472.96800
HO	80051	12-AUG-2010	12:11:28.340	12:25:18.454	830.11400
MM	80051	12-AUG-2010	12:02:17.701	12:14:41.809	744.10800
MA	80051	12-AUG-2010	11:22:31.645	11:30:54.687	503.04200
HO	80052	12-AUG-2010	13:50:40.344	14:04:56.819	856.47500
MM	80052	12-AUG-2010	13:42:05.072	13:54:48.781	763.70900
SG	80052	12-AUG-2010	14:08:11.228	14:16:52.184	520.95600
BE	80053	12-AUG-2010	14:15:30.738	14:28:54.373	803.63500
MM	80053	12-AUG-2010	15:21:36.686	15:34:15.210	758.52400
GS	80053	12-AUG-2010	14:42:47.501	14:53:37.857	650.35600
BE	80054	12-AUG-2010	15:58:50.567	16:05:54.784	424.21700
MM	80054	12-AUG-2010	17:00:52.556	17:13:24.228	751.67200
GS	80054	12-AUG-2010	16:21:39.928	16:35:25.070	825.14200
CM	80054	12-AUG-2010	16:30:16.006	16:42:40.699	744.69300
GS	80055	12-AUG-2010	18:02:19.247	18:11:24.872	545.62500
JO	80055	12-AUG-2010	19:02:44.844	19:09:46.160	421.31600
MA	80056	12-AUG-2010	19:21:42.939	19:30:34.786	531.84700
JO	80056	12-AUG-2010	20:38:34.396	20:53:34.795	900.39900
HO	80057	12-AUG-2010	21:54:05.966	22:03:28.731	562.76500
JO	80057	12-AUG-2010	22:19:31.595	22:30:01.276	629.68100
HO	80058	12-AUG-2010	23:29:43.054	23:44:02.553	859.49900
MA	80058	12-AUG-2010	22:42:26.299	22:47:40.663	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
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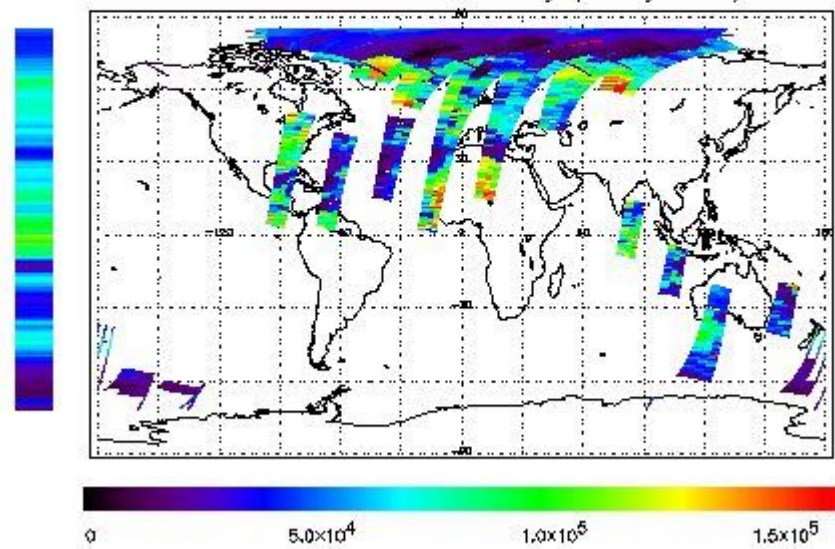
MPH Product Confidence	OK
SPH Product Confidence	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	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](#)

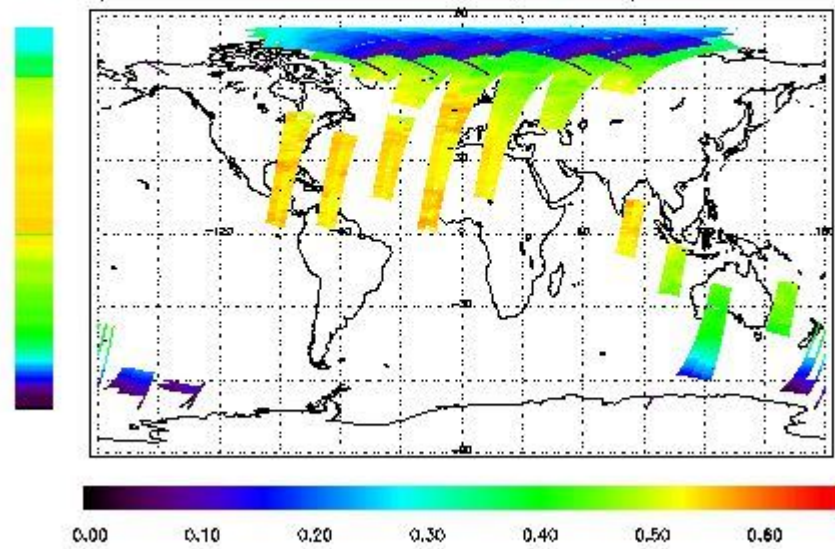
NEAR IR Intensity

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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